

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092818\
 Data File : VU027255.D
 Acq On : 28 Sep 2018 08:43
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 28 16:09:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	86084	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	141945	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	136907	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	75734	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	75274	43.45	ug/l	0.00
Spiked Amount			Recovery	=	86.90%	
35) Dibromofluoromethane	4.88	113	54983	44.69	ug/l	0.00
Spiked Amount			Recovery	=	89.38%	
50) Toluene-d8	7.57	98	203195	43.33	ug/l	0.00
Spiked Amount			Recovery	=	86.66%	
62) 4-Bromofluorobenzene	10.31	95	76213	47.37	ug/l	0.00
Spiked Amount			Recovery	=	94.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.21	85	57411	51.080	ug/l	97
3) Chloromethane	1.33	50	87936	45.379	ug/l	100
4) Vinyl Chloride	1.40	62	85163	47.082	ug/l	100
5) Bromomethane	1.61	94	59962	58.212	ug/l	97
6) Chloroethane	1.69	64	53544	46.329	ug/l	99
7) Trichlorofluoromethane	1.88	101	94552	46.024	ug/l	100
8) Diethyl Ether	2.10	74	44172	44.670	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.28	101	55465	43.909	ug/l	98
10) Methyl Iodide	2.41	142	39357	25.122	ug/l	99
11) Tert butyl alcohol	2.83	59	87473	220.268	ug/l	99
12) 1,1-Dichloroethene	2.28	96	53271	44.805	ug/l	99
13) Acrolein	2.19	56	59091	276.030	ug/l	100
14) Allyl chloride	2.59	41	129360	53.644	ug/l	97
15) Acrylonitrile	2.93	53	242015	241.798	ug/l	99
16) Acetone	2.32	43	263751	289.183	ug/l	97
17) Carbon Disulfide	2.47	76	186003	48.023	ug/l	100
18) Methyl Acetate	2.61	43	130561	52.944	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	221069	50.598	ug/l	99
20) Methylene Chloride	2.70	84	69398	44.725	ug/l	97
21) trans-1,2-Dichloroethene	2.98	96	60836	47.925	ug/l	99
22) Diisopropyl ether	3.57	45	273247	52.976	ug/l	97
23) Vinyl Acetate	3.52	43	1169781	266.057	ug/l	99
24) 1,1-Dichloroethane	3.44	63	137244	48.312	ug/l	99
25) 2-Butanone	4.26	43	366935	252.009	ug/l	100
26) 2,2-Dichloropropane	4.23	77	111066	50.132	ug/l	99
27) cis-1,2-Dichloroethene	4.22	96	69068	48.179	ug/l	95
28) Bromochloromethane	4.55	49	65772	48.030	ug/l	95
29) Tetrahydrofuran	4.64	42	226289	256.911	ug/l	96
30) Chloroform	4.67	83	122869	46.596	ug/l	98
31) Cyclohexane	5.00	56	131881	51.083	ug/l	98
32) 1,1,1-Trichloroethane	4.91	97	102137	48.512	ug/l	99
36) 1,1-Dichloropropene	5.13	75	95679	50.506	ug/l	98
37) Ethyl Acetate	4.38	43	127099	49.560	ug/l	99
38) Carbon Tetrachloride	5.13	117	86678	48.080	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092818\
 Data File : VU027255.D
 Acq On : 28 Sep 2018 08:43
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 28 16:09:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	112977	54.878	ug/l	99
40) Benzene	5.39	78	282564	49.065	ug/l	100
41) Methacrylonitrile	4.54	41	73111	54.893	ug/l	96
42) 1,2-Dichloroethane	5.40	62	105592	48.529	ug/l	100
43) Isopropyl Acetate	5.55	43	200611	53.638	ug/l	97
44) Trichloroethene	6.19	130	60343	49.218	ug/l	99
45) 1,2-Dichloropropane	6.43	63	83707	51.012	ug/l	98
46) Dibromomethane	6.56	93	47732	48.163	ug/l	98
47) Bromodichloromethane	6.76	83	96842	48.326	ug/l	98
48) Methyl methacrylate	6.62	41	101127	49.685	ug/l	97
49) 1,4-Dioxane	6.61	88	34535	854.001	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	660479	262.572	ug/l	100
52) Toluene	7.64	92	168530	51.053	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	114657	53.253	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	123257	52.065	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	67502	48.259	ug/l	100
56) Ethyl methacrylate	8.02	69	116531	48.102	ug/l	97
57) 1,3-Dichloropropane	8.24	76	130202	50.048	ug/l #	43
58) 2-Chloroethyl Vinyl ether	7.13	63	297947	216.975	ug/l	100
59) 2-Hexanone	8.36	43	520222	264.203	ug/l	100
60) Dibromochloromethane	8.48	129	67900	49.489	ug/l	100
61) 1,2-Dibromoethane	8.59	107	70730	48.600	ug/l	99
64) Tetrachloroethene	8.23	164	51033	48.374	ug/l	97
65) Chlorobenzene	9.12	112	173303	47.741	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	61890	49.499	ug/l	99
67) Ethyl Benzene	9.25	91	317284	53.153	ug/l	99
68) m/p-Xylenes	9.38	106	237779	98.383	ug/l	98
69) o-Xylene	9.78	106	113291	53.566	ug/l	98
70) Styrene	9.79	104	189120	47.966	ug/l	99
71) Bromoform	9.96	173	49146	50.829	ug/l #	99
73) Isopropylbenzene	10.17	105	309944	53.800	ug/l	99
74) N-amyl acetate	10.02	43	179962	53.966	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	118098	44.586	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	140815	61.203	ug/l	80
77) Bromobenzene	10.45	156	68137	48.399	ug/l	94
78) n-propylbenzene	10.59	91	377581	55.391	ug/l	99
79) 2-Chlorotoluene	10.66	91	220481	51.494	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	259458	54.559	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.49	75	140815	195.861	ug/l #	100
82) 4-Chlorotoluene	10.77	91	256008	53.324	ug/l	99
83) tert-Butylbenzene	11.10	119	245620	52.241	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	266855	55.139	ug/l	99
85) sec-Butylbenzene	11.32	105	314926	54.872	ug/l	100
86) p-Isopropyltoluene	11.48	119	270826	50.284	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	129185	49.312	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	130826	45.820	ug/l	100
89) n-Butylbenzene	11.89	91	250192	48.025	ug/l	100
90) Hexachloroethane	12.15	117	49825	47.740	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	129614	46.576	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	26150	48.394	ug/l	99

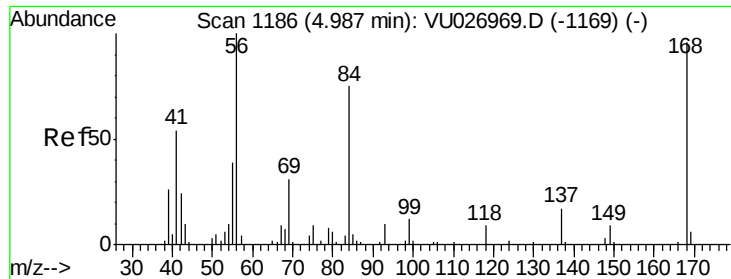
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU092818\
Data File : VU027255.D
Acq On : 28 Sep 2018 08:43
Operator : MD/SY
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Quant Time: Sep 28 16:09:54 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 22 01:31:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	82035	51.155	ug/l	98
94) Hexachlorobutadiene	13.69	225	41992	49.489	ug/l	99
95) Naphthalene	13.74	128	288569	46.158	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	87686	50.988	ug/l	98

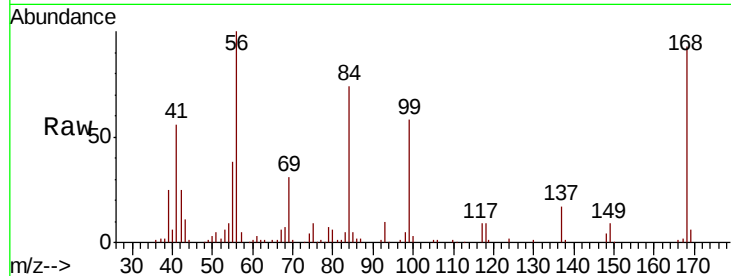
(#) = qualifier out of range (m) = manual integration (+) = signals summed



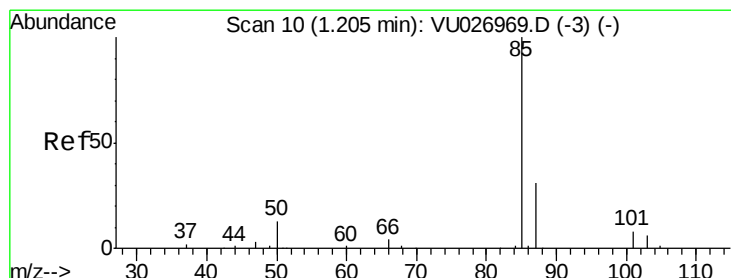
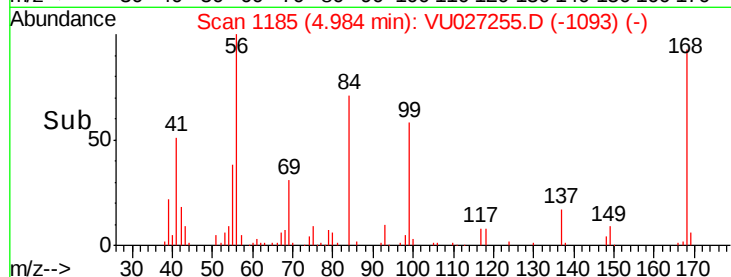
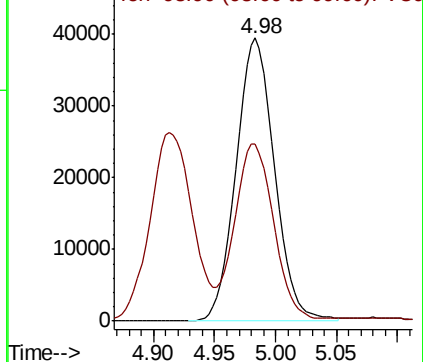
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.00 min
Lab File: VU027255.D
Acq: 28 Sep 2018 08:43

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion:168 Resp: 86084
Ion Ratio Lower Upper
168 100
99 61.3 48.1 72.1

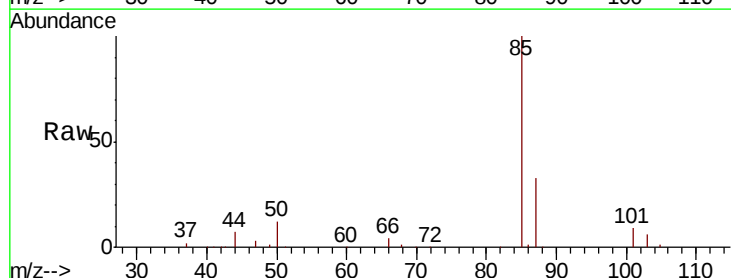


Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)
Ion 98.90 (98.60 to 99.60): VU026969.D (-1169) (-)

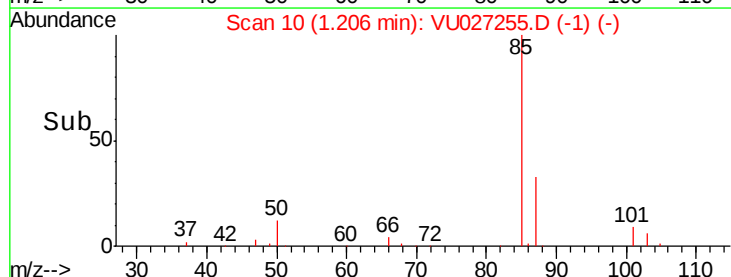
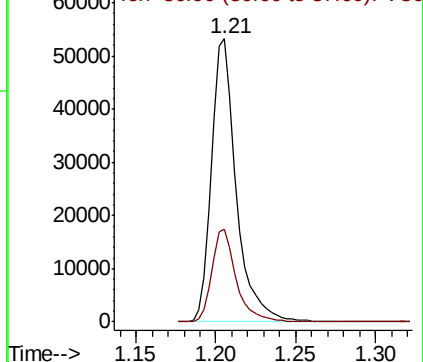


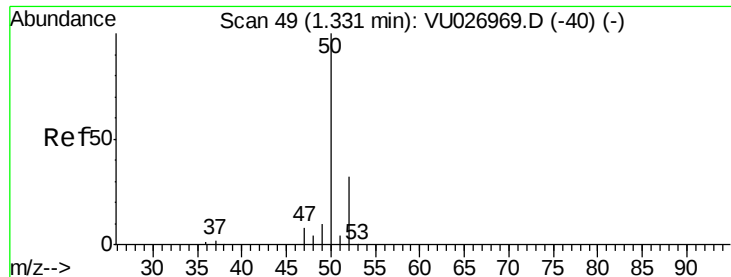
#2
Dichlorodifluoromethane
Concen: 51.080 ug/l
RT: 1.21 min Scan# 10
Delta R.T. 0.00 min
Lab File: VU027255.D
Acq: 28 Sep 2018 08:43

Tgt Ion: 85 Resp: 57411
Ion Ratio Lower Upper
85 100
87 32.9 15.6 46.7



Abundance Ion 84.90 (84.60 to 85.60): VU026969.D (-3) (-)
Ion 86.90 (86.60 to 87.60): VU026969.D (-3) (-)





#3

Chloromethane

Concen: 45.379 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU027255.D

Acq: 28 Sep 2018 08:43

Instrument :

MSVOA_U

ClientSampleId :

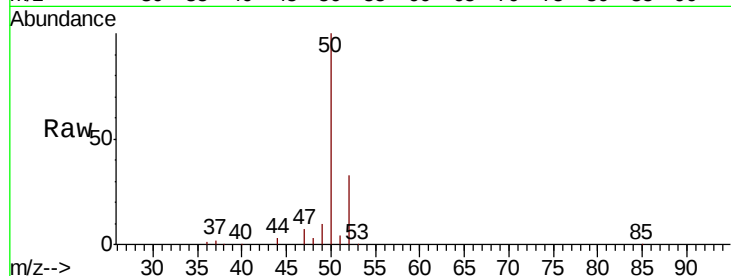
VSTDCCC050

Tot Ion: 50 Resp: 87936

Ion Ratio Lower Upper

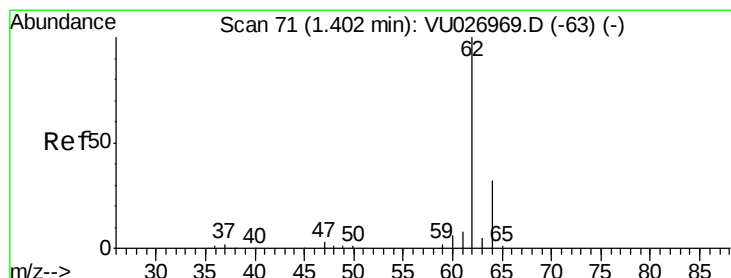
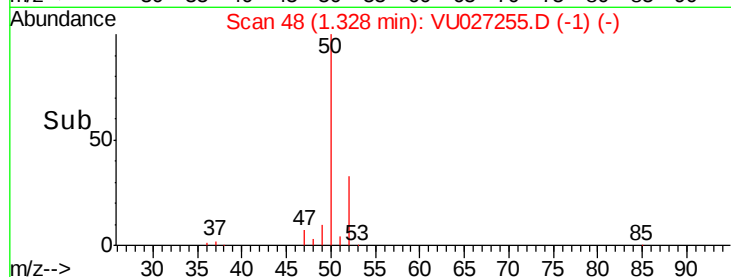
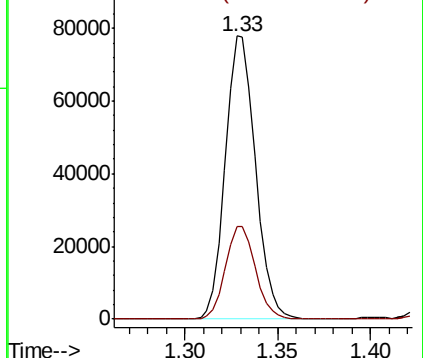
50 100

52 32.6 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 47.082 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU027255.D

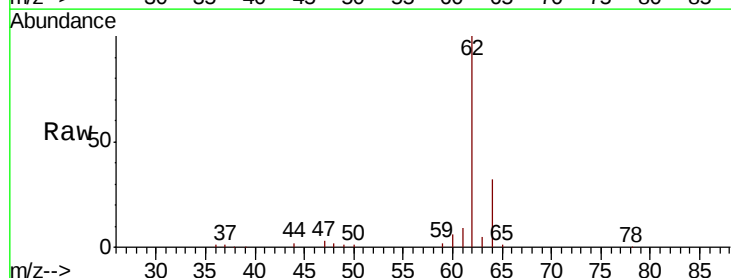
Acq: 28 Sep 2018 08:43

Tgt Ion: 62 Resp: 85163

Ion Ratio Lower Upper

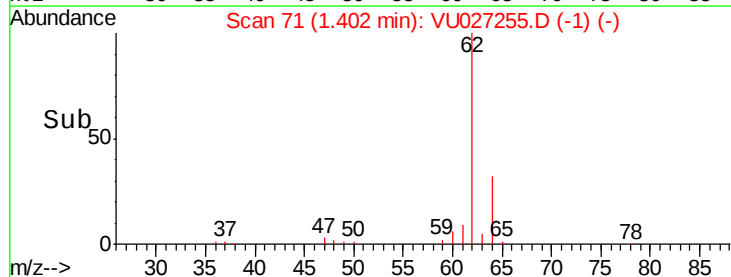
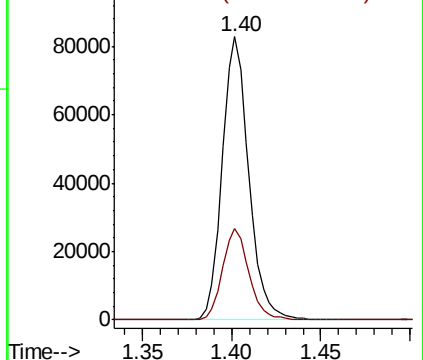
62 100

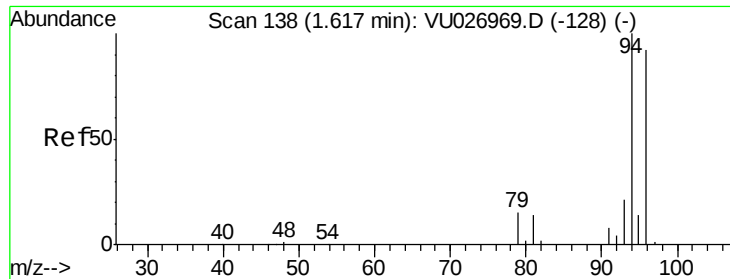
64 32.1 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0

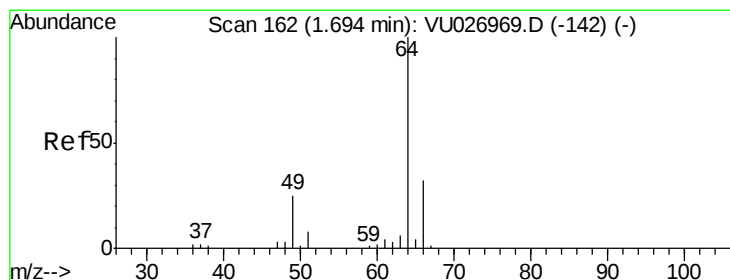
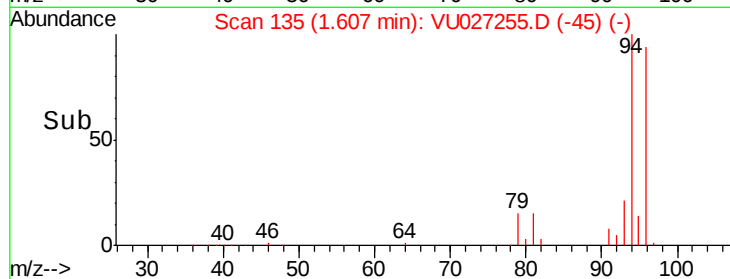
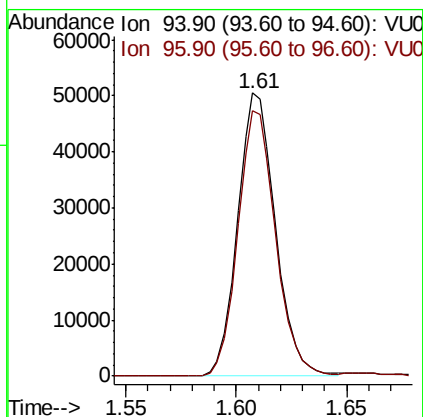
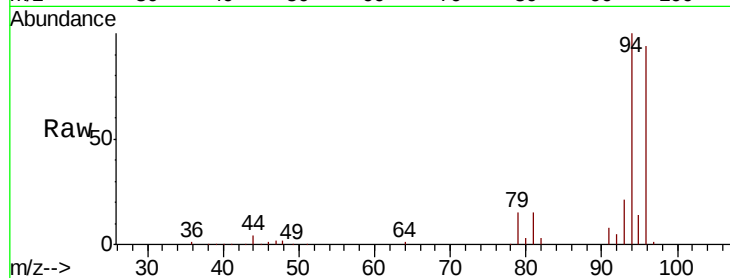




#5
Bromomethane
Concen: 58.212 ug/l
RT: 1.61 min Scan# 135
Delta R.T. -0.01 min
Lab File: VU027255.D
Acq: 28 Sep 2018 08:43

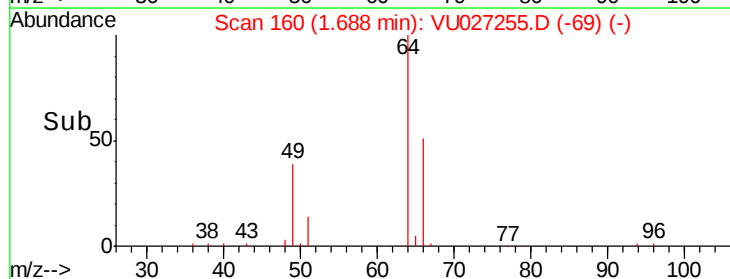
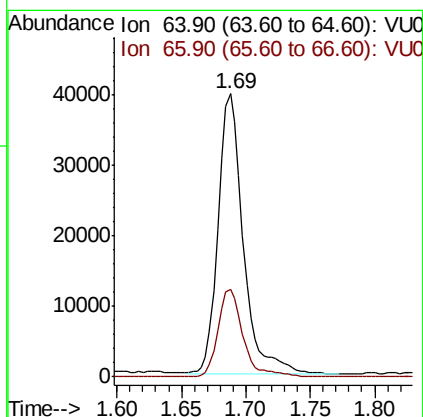
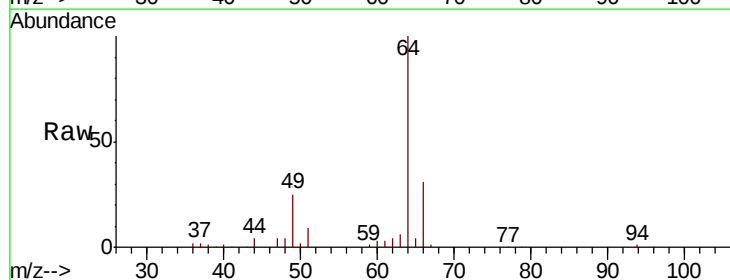
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

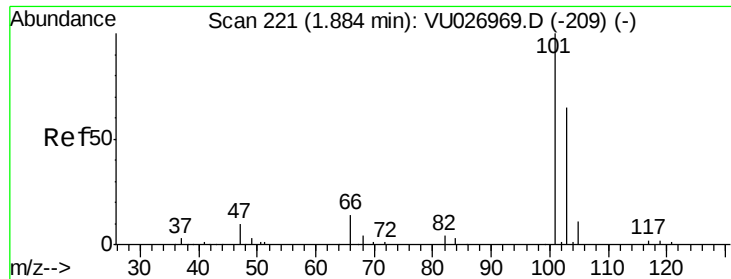
Tot Ion: 94 Resp: 59962
Ion Ratio Lower Upper
94 100
96 94.0 73.2 109.8



#6
Chloroethane
Concen: 46.329 ug/l
RT: 1.69 min Scan# 160
Delta R.T. -0.01 min
Lab File: VU027255.D
Acq: 28 Sep 2018 08:43

Tgt Ion: 64 Resp: 53544
Ion Ratio Lower Upper
64 100
66 31.2 25.3 37.9





#7

Trichlorofluoromethane

Concen: 46.024 ug/l

RT: 1.88 min Scan# 220

Delta R.T. -0.00 min

Lab File: VU027255.D

Acq: 28 Sep 2018 08:43

Instrument :

MSVOA_U

ClientSampleId :

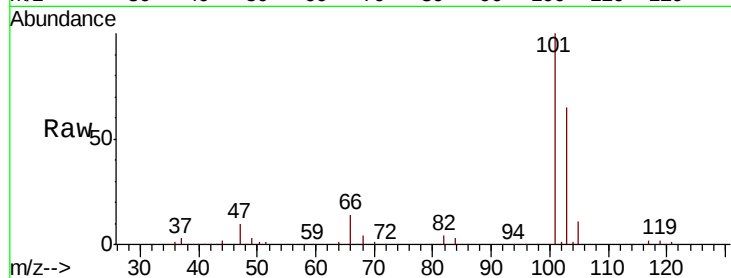
VSTDCCC050

Tot Ion:101 Resp: 94552

Ion Ratio Lower Upper

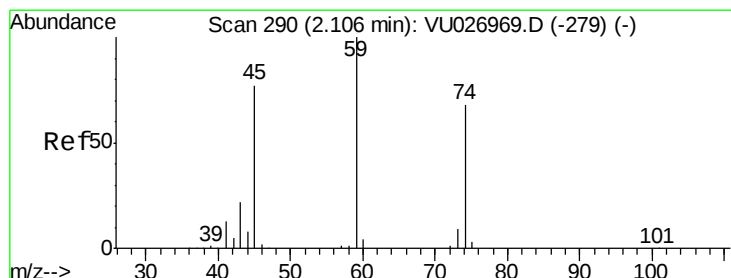
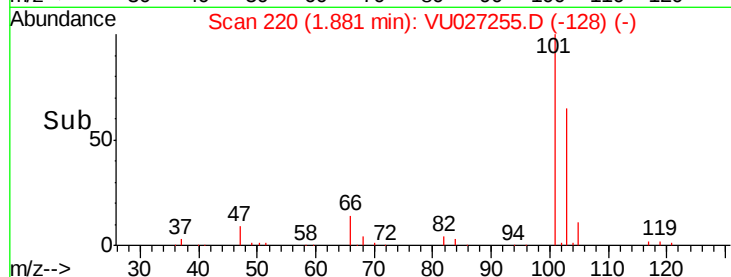
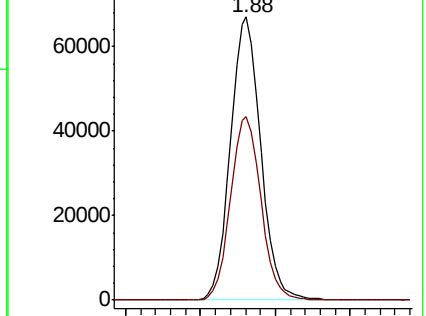
101 100

103 64.9 52.2 78.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 44.670 ug/l

RT: 2.10 min Scan# 289

Delta R.T. -0.00 min

Lab File: VU027255.D

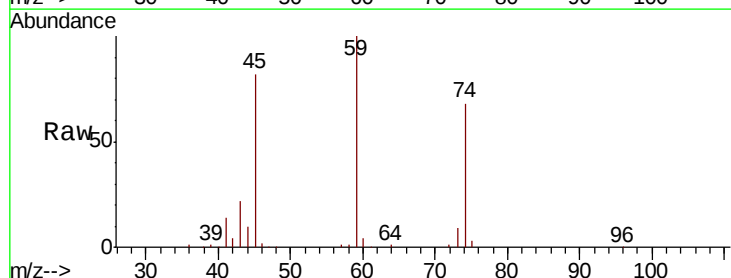
Acq: 28 Sep 2018 08:43

Tgt Ion: 74 Resp: 44172

Ion Ratio Lower Upper

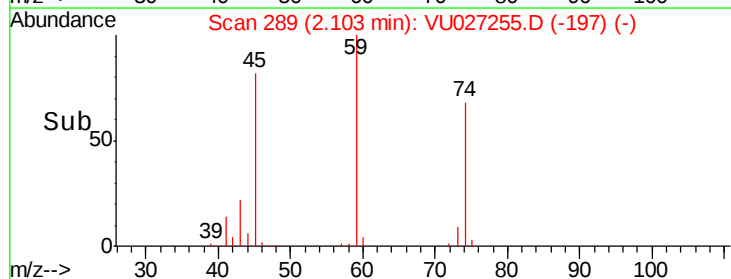
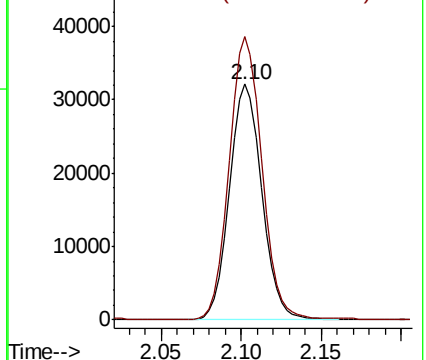
74 100

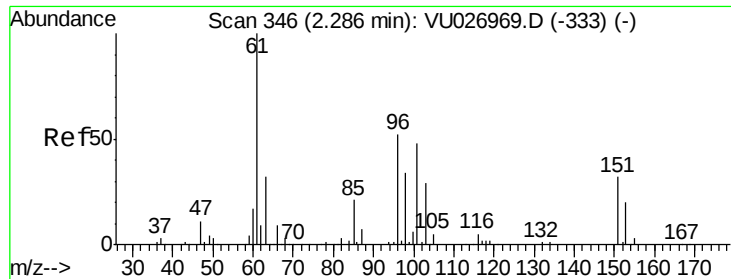
45 121.5 56.9 170.7



Abundance Ion 74.00 (73.70 to 74.70): VU0

Ion 45.00 (44.70 to 45.70): VU0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.909 ug/l

RT: 2.28 min Scan# 345

Delta R.T. -0.00 min

Lab File: VU027255.D

Acq: 28 Sep 2018 08:43

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

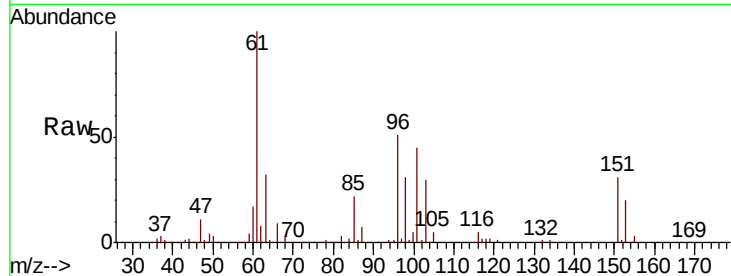
Tot Ion:101 Resp: 55465

Ion Ratio Lower Upper

101 100

85 47.8 36.2 54.2

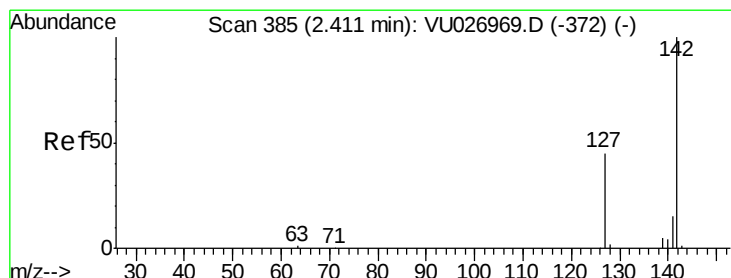
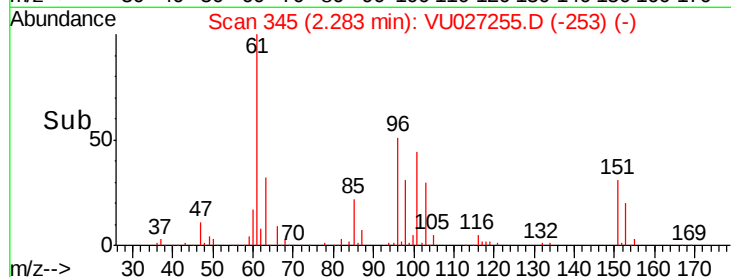
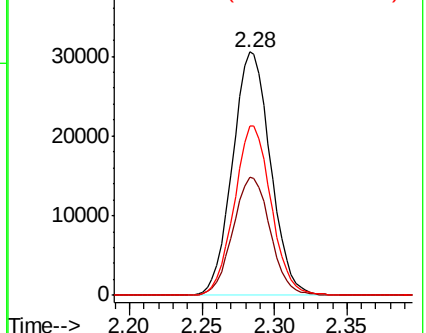
151 67.8 54.5 81.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 25.122 ug/l

RT: 2.41 min Scan# 384

Delta R.T. -0.00 min

Lab File: VU027255.D

Acq: 28 Sep 2018 08:43

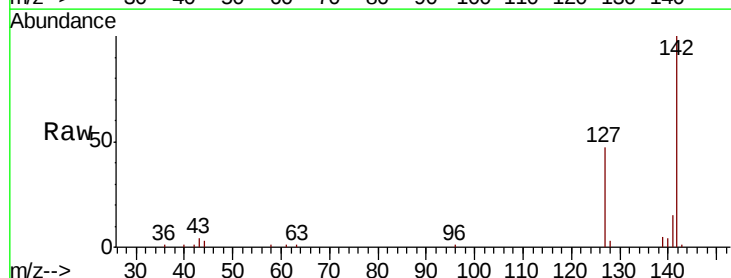
Tgt Ion:142 Resp: 39357

Ion Ratio Lower Upper

142 100

127 46.3 36.7 55.1

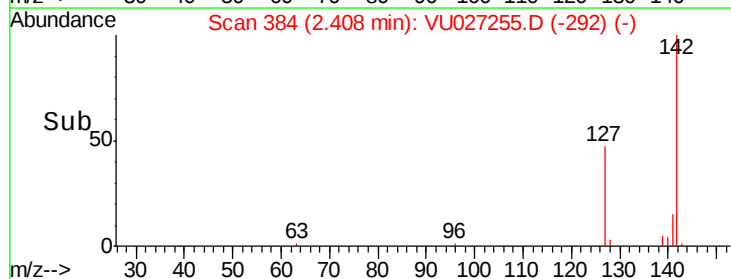
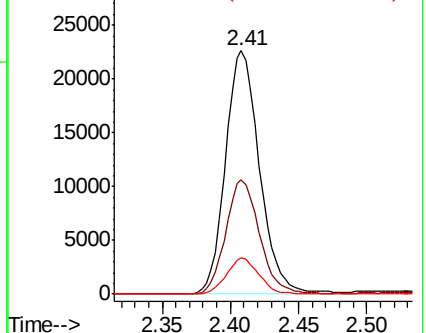
141 14.0 11.8 17.6

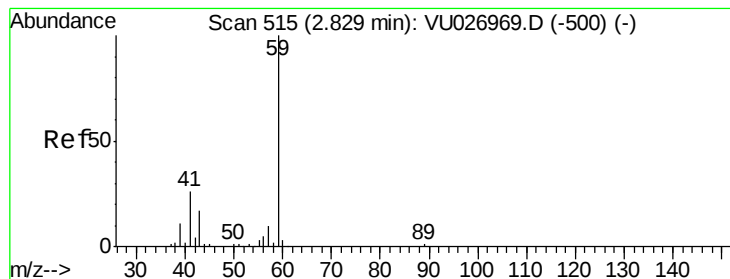


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



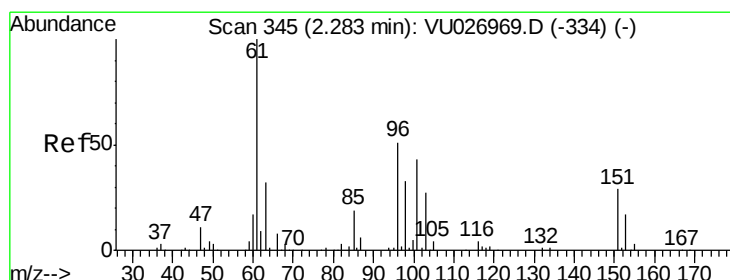
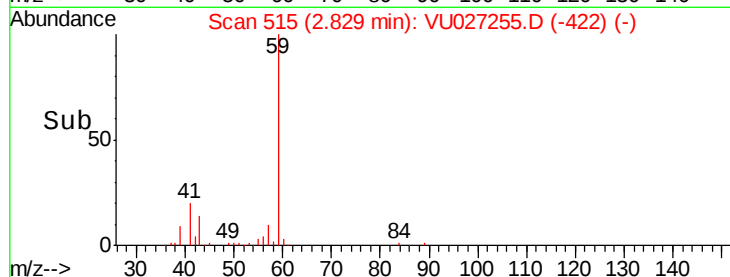
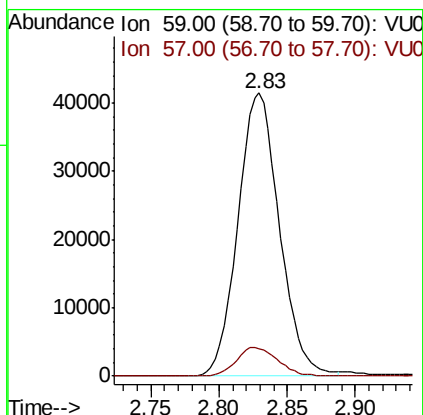
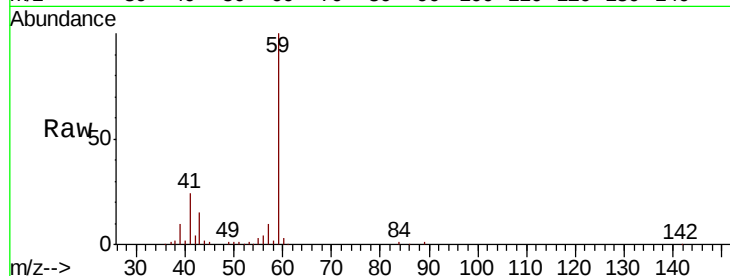


#11

Tert butyl alcohol
 Concen: 220.268 ug/l
 RT: 2.83 min Scan# 515
 Delta R.T. 0.00 min
 Lab File: VU027255.D
 Acq: 28 Sep 2018 08:43

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

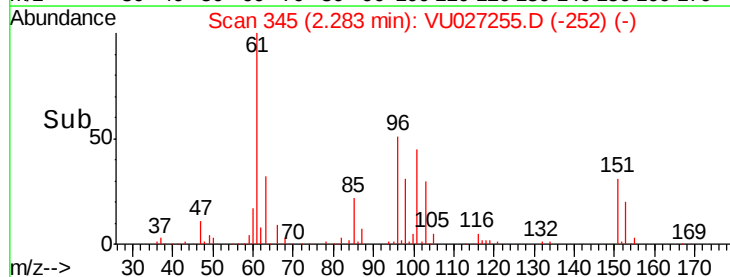
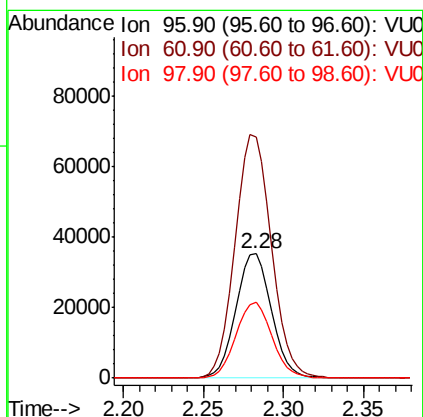
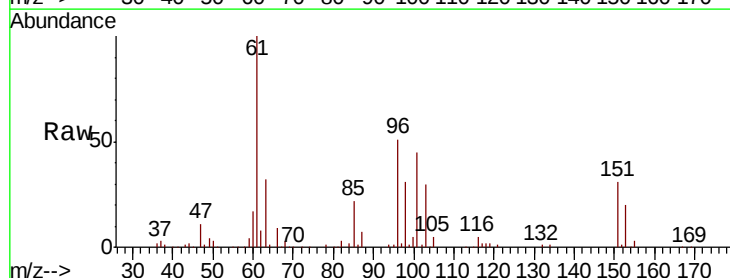
Tot Ion: 59 Resp: 87473
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.5 12.7

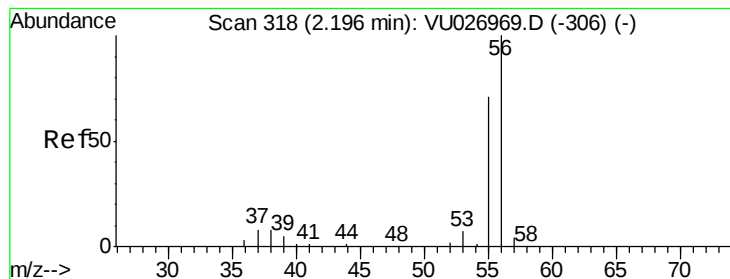


#12

1,1-Dichloroethene
 Concen: 44.805 ug/l
 RT: 2.28 min Scan# 345
 Delta R.T. 0.00 min
 Lab File: VU027255.D
 Acq: 28 Sep 2018 08:43

Tgt Ion: 96 Resp: 53271
 Ion Ratio Lower Upper
 96 100
 61 194.7 156.1 234.1
 98 60.7 51.4 77.0





#13

Acrolein

Concen: 276.030 ug/l

RT: 2.19 min Scan# 317

Delta R.T. -0.00 min

Lab File: VU027255.D

Acq: 28 Sep 2018 08:43

Instrument :

MSVOA_U

ClientSampleId :

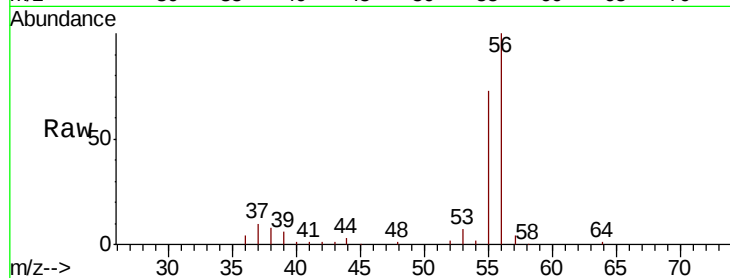
VSTDCCC050

Tot Ion: 56 Resp: 59091

Ion Ratio Lower Upper

56 100

55 71.7 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

40000

30000

20000

10000

0

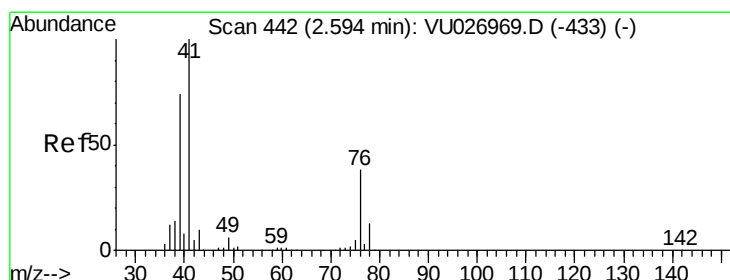
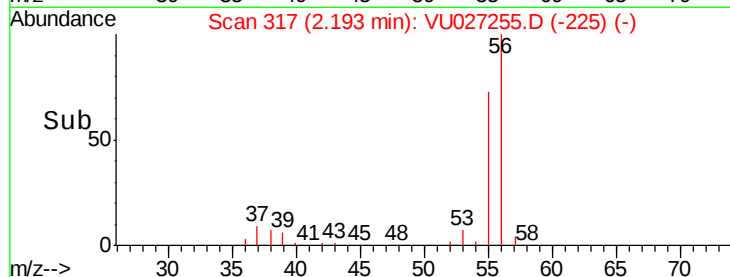
2.15

2.20

2.25

2.30

Time-->



#14

Allyl chloride

Concen: 53.644 ug/l

RT: 2.59 min Scan# 441

Delta R.T. -0.00 min

Lab File: VU027255.D

Acq: 28 Sep 2018 08:43

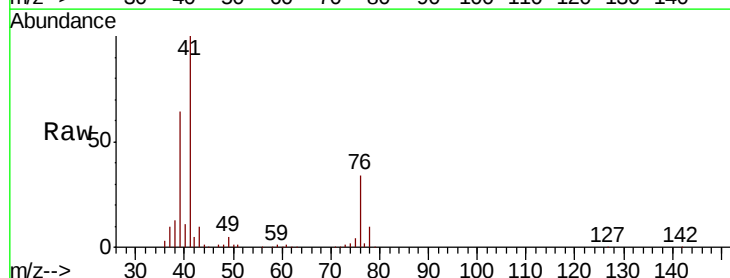
Tgt Ion: 41 Resp: 129360

Ion Ratio Lower Upper

41 100

39 66.1 55.7 83.5

76 32.4 26.5 39.7



Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0

100000

80000

60000

40000

20000

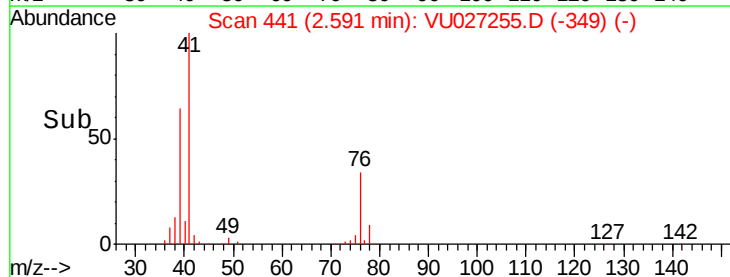
0

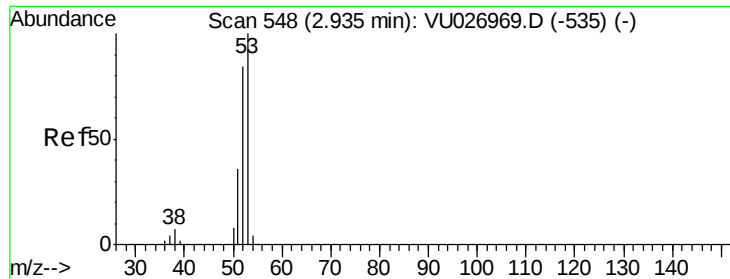
2.55

2.60

2.65

Time-->





#15

Acrylonitrile

Concen: 241.798 ug/l

RT: 2.93 min Scan# 547

Delta R.T. -0.00 min

Lab File: VU027255.D

Acq: 28 Sep 2018 08:43

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

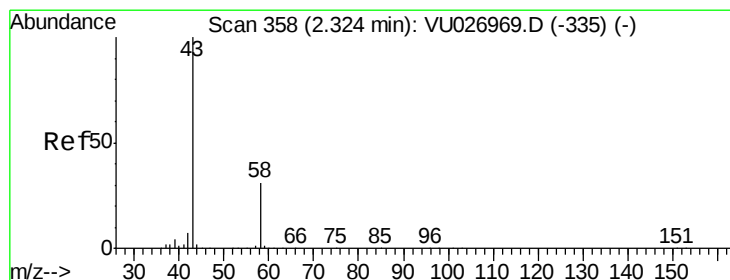
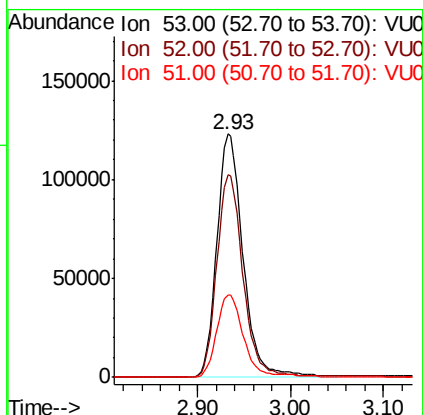
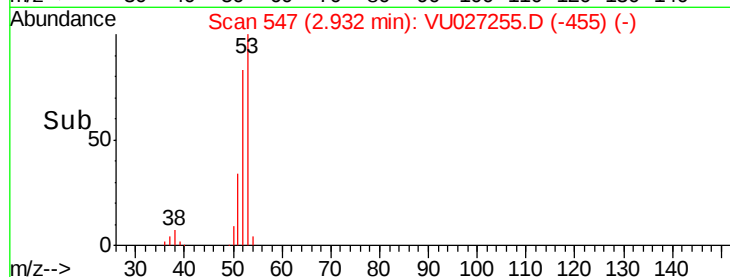
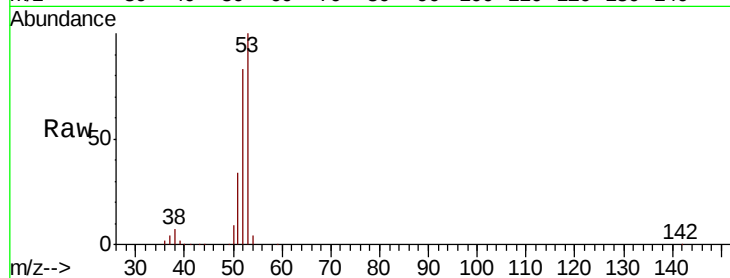
Tot Ion: 53 Resp: 242015

Ion Ratio Lower Upper

53 100

52 83.3 65.7 98.5

51 35.2 27.4 41.2



#16

Acetone

Concen: 289.183 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU027255.D

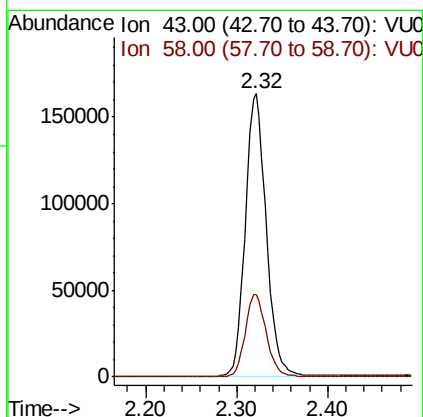
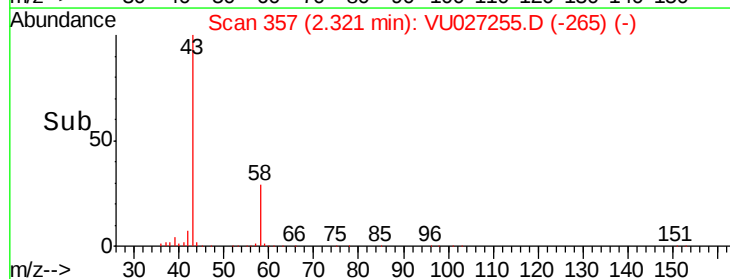
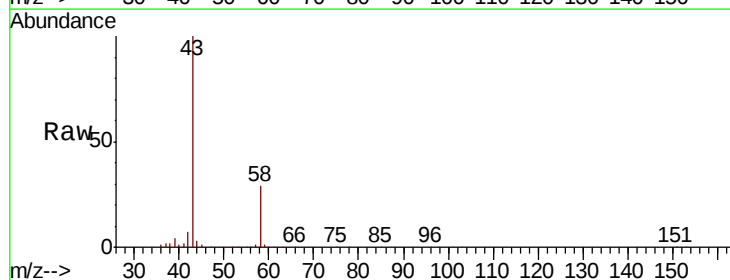
Acq: 28 Sep 2018 08:43

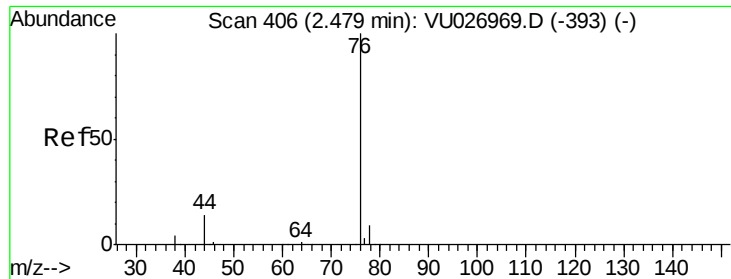
Tgt Ion: 43 Resp: 263751

Ion Ratio Lower Upper

43 100

58 29.3 24.6 36.8

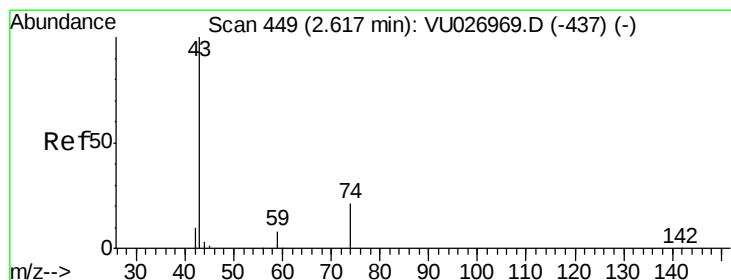
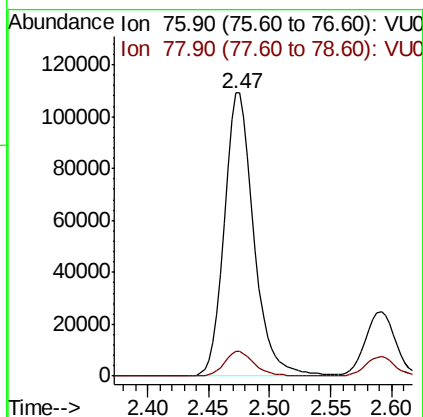
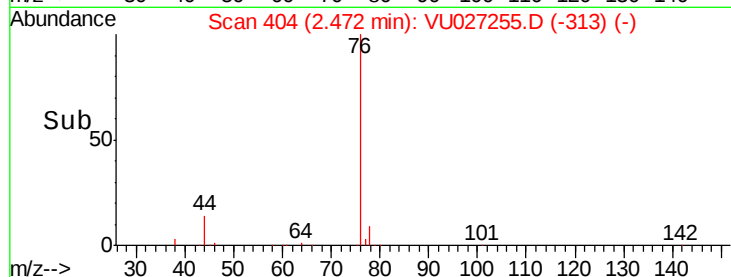
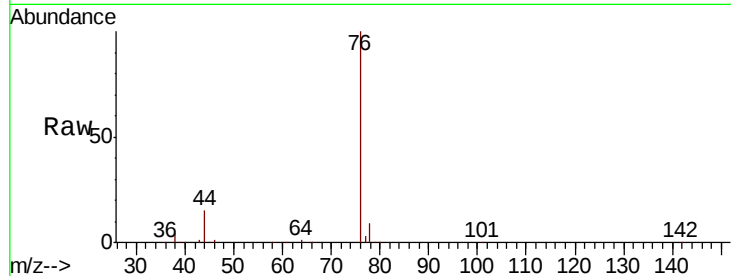




#17
Carbon Disulfide
Concen: 48.023 ug/l
RT: 2.47 min Scan# 404
Delta R.T. -0.01 min
Lab File: VU027255.D
Acq: 28 Sep 2018 08:43

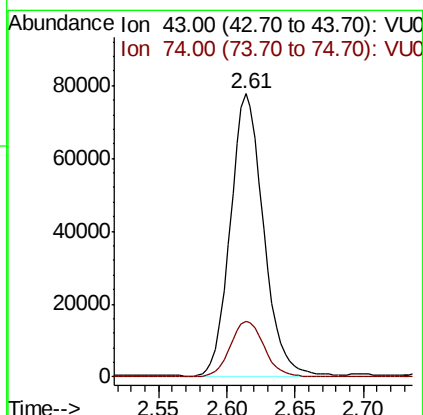
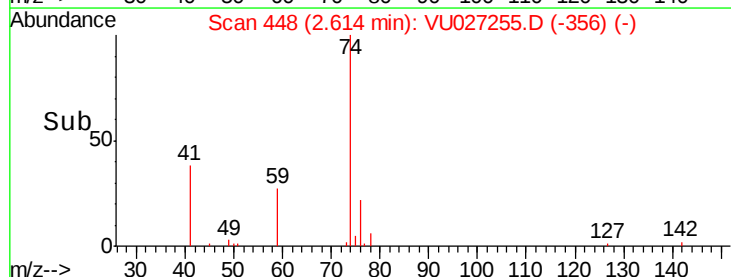
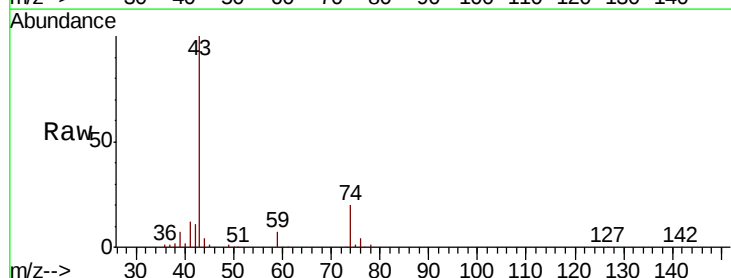
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

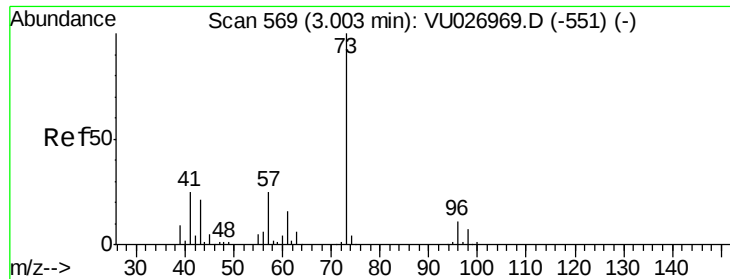
Tot Ion: 76 Resp: 186003
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#18
Methyl Acetate
Concen: 52.944 ug/l
RT: 2.61 min Scan# 448
Delta R.T. -0.00 min
Lab File: VU027255.D
Acq: 28 Sep 2018 08:43

Tgt Ion: 43 Resp: 130561
Ion Ratio Lower Upper
43 100
74 20.4 16.6 25.0

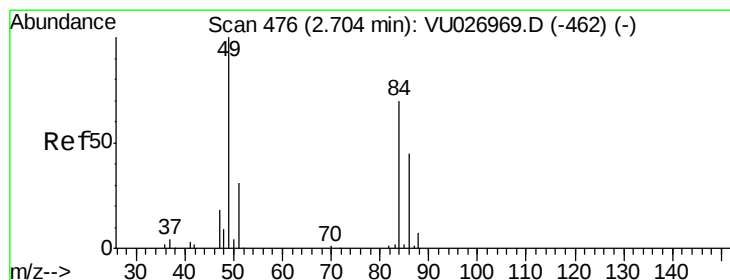
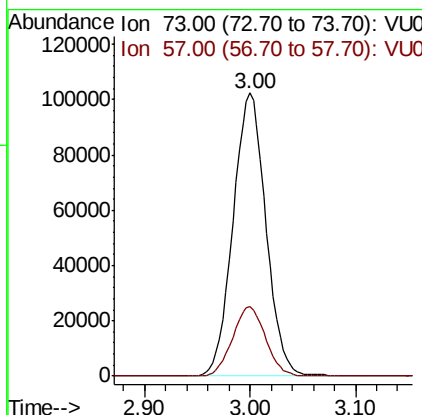
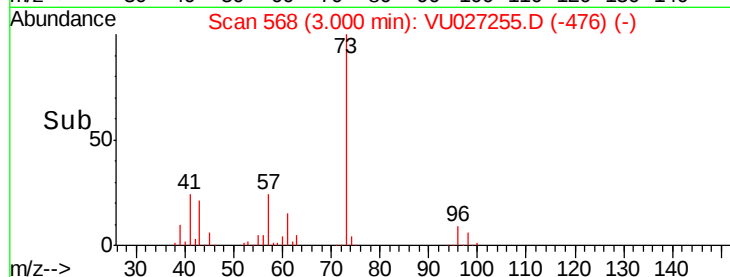
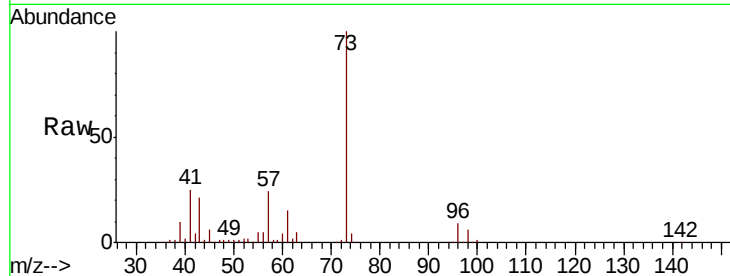




#19
Methyl tert-butyl Ether
Concen: 50.598 ug/l
RT: 3.00 min Scan# 568
Delta R.T. -0.00 min
Lab File: VU027255.D
Acq: 28 Sep 2018 08:43

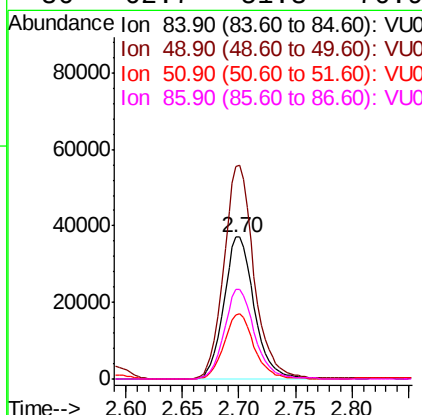
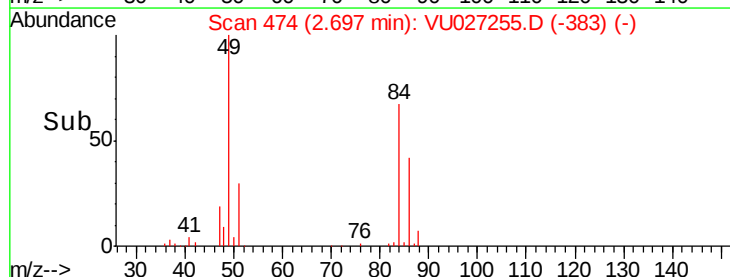
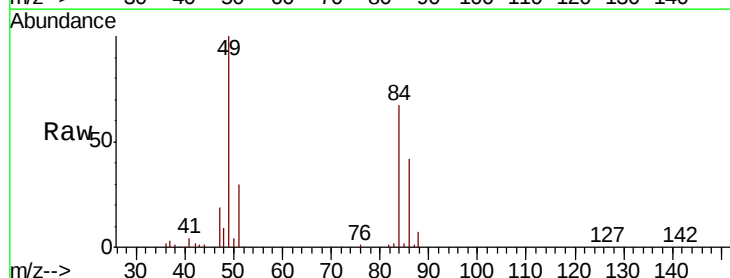
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

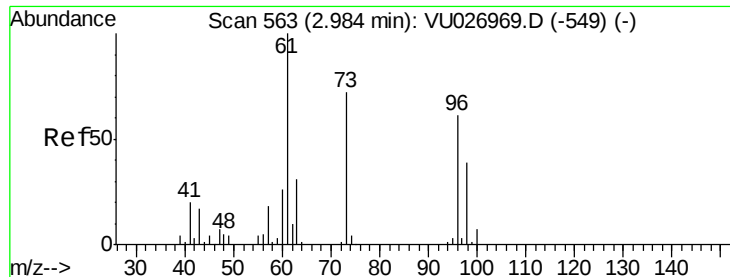
Tot Ion: 73 Resp: 221069
Ion Ratio Lower Upper
73 100
57 24.4 19.8 29.6



#20
Methylene Chloride
Concen: 44.725 ug/l
RT: 2.70 min Scan# 474
Delta R.T. -0.01 min
Lab File: VU027255.D
Acq: 28 Sep 2018 08:43

Tgt Ion: 84 Resp: 69398
Ion Ratio Lower Upper
84 100
49 149.6 114.9 172.3
51 45.5 35.8 53.8
86 62.7 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 47.925 ug/l

RT: 2.98 min Scan# 562

Delta R.T. -0.00 min

Lab File: VU027255.D

Acq: 28 Sep 2018 08:43

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

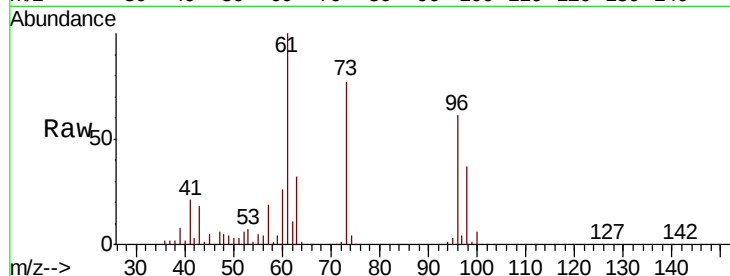
Tot Ion: 96 Resp: 60836

Ion Ratio Lower Upper

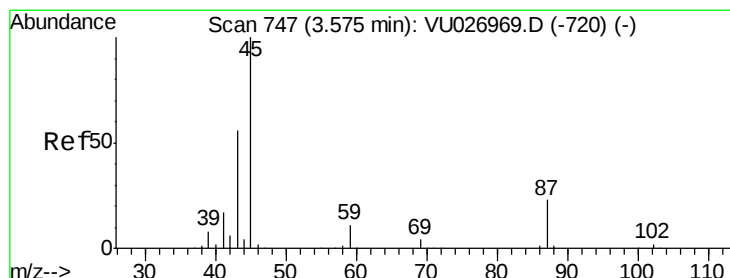
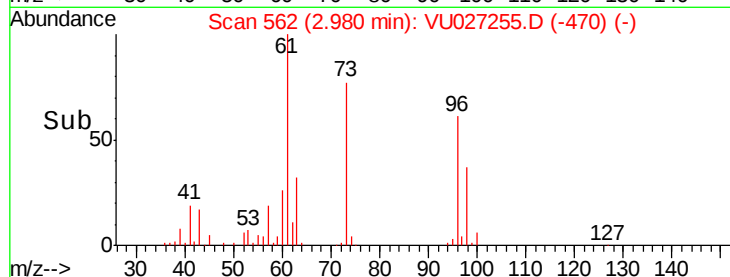
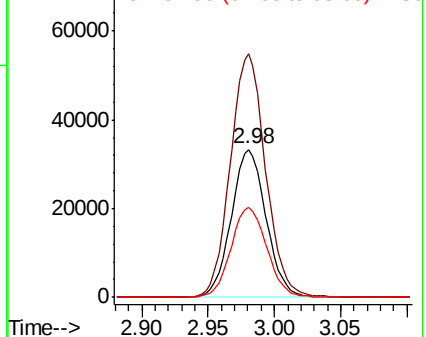
96 100

61 164.9 131.8 197.6

98 60.8 50.9 76.3



Abundance Ion 95.90 (95.60 to 96.60): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 97.90 (97.60 to 98.60): VU0



#22

Diisopropyl ether

Concen: 52.976 ug/l

RT: 3.57 min Scan# 746

Delta R.T. -0.00 min

Lab File: VU027255.D

Acq: 28 Sep 2018 08:43

Tgt Ion: 45 Resp: 273247

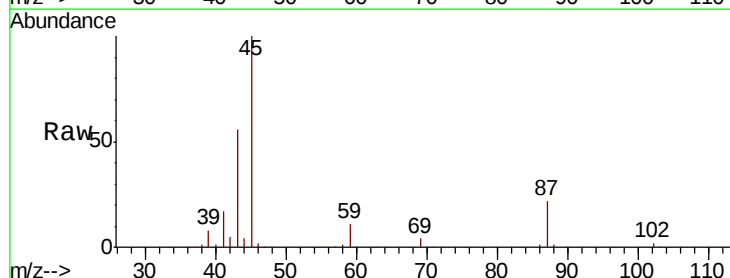
Ion Ratio Lower Upper

45 100

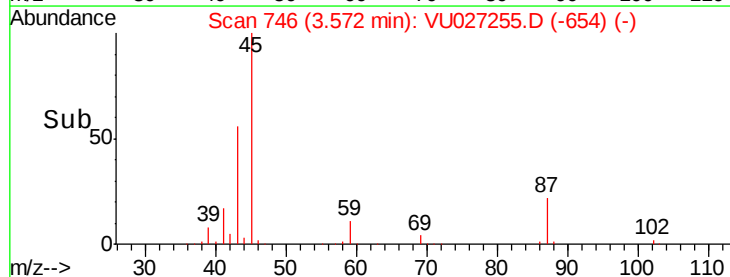
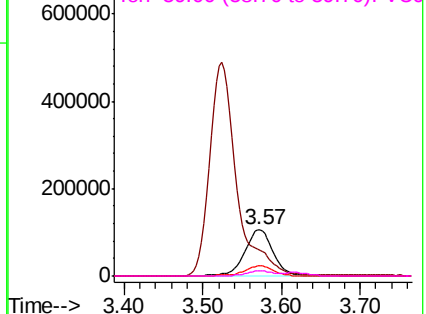
43 54.3 45.8 68.6

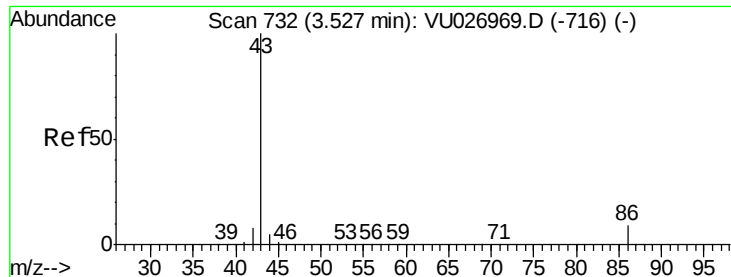
87 21.8 18.6 28.0

59 11.0 9.0 13.4



Abundance Ion 45.00 (44.70 to 45.70): VU0
Ion 43.00 (42.70 to 43.70): VU0
Ion 87.00 (86.70 to 87.70): VU0
Ion 59.00 (58.70 to 59.70): VU0





#23

Vinyl Acetate

Concen: 266.057 ug/l

RT: 3.52 min Scan# 731

Delta R.T. -0.00 min

Lab File: VU027255.D

Acq: 28 Sep 2018 08:43

Instrument :

MSVOA_U

ClientSampled :

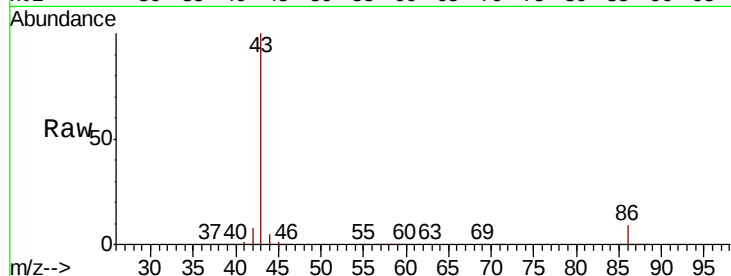
VSTDCCC050

Tot Ion: 43 Resp: 1169781

Ion Ratio Lower Upper

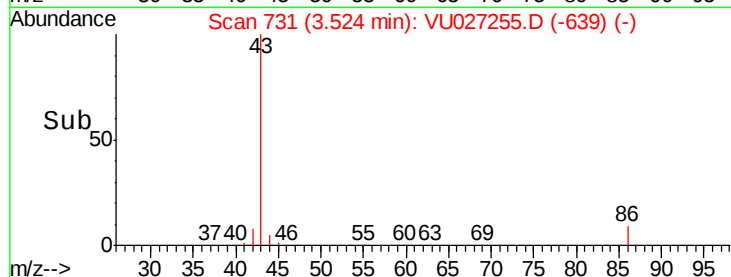
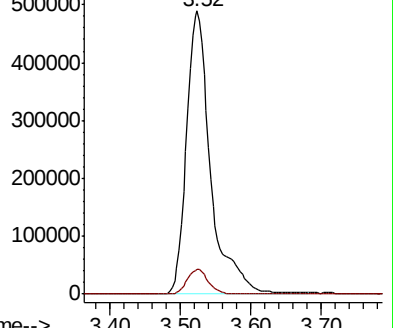
43 100

86 8.8 7.2 10.8

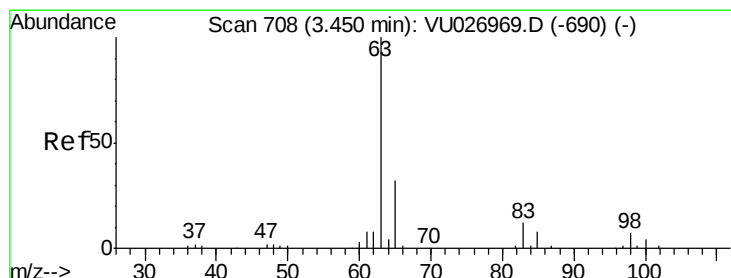


Abundance Ion 43.00 (42.70 to 43.70): VU027255.D (-639) (-)

Ion 86.00 (85.70 to 86.70): VU027255.D (-639) (-)



Time-->



#24

1,1-Dichloroethane

Concen: 48.312 ug/l

RT: 3.44 min Scan# 706

Delta R.T. -0.01 min

Lab File: VU027255.D

Acq: 28 Sep 2018 08:43

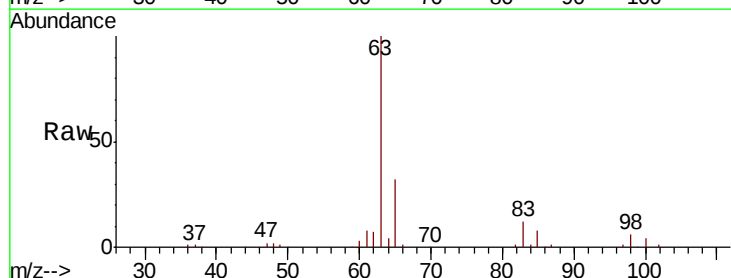
Tgt Ion: 63 Resp: 137244

Ion Ratio Lower Upper

63 100

98 6.0 3.3 9.8

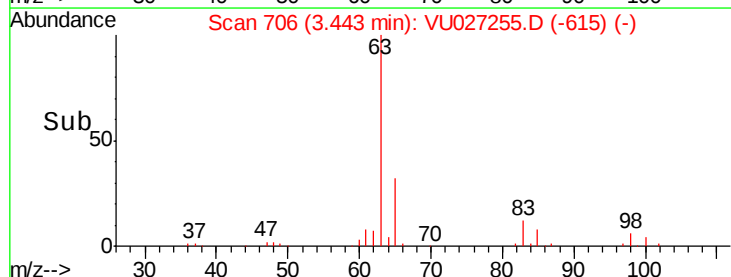
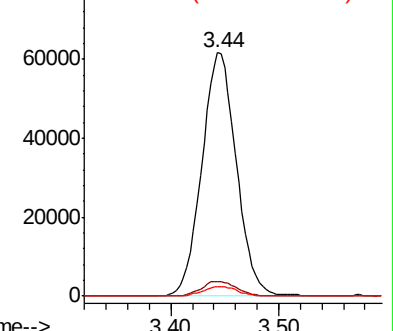
100 3.9 2.0 5.8



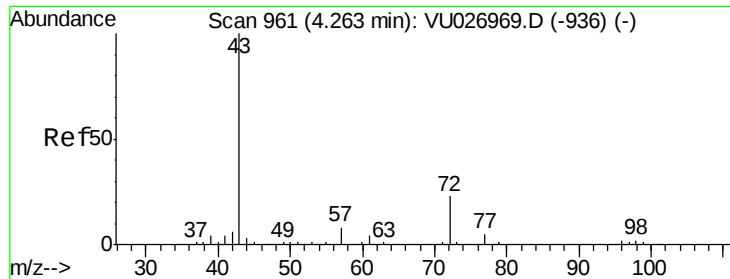
Abundance Ion 62.90 (62.60 to 63.60): VU027255.D (-615) (-)

Ion 97.90 (97.60 to 98.60): VU027255.D (-615) (-)

Ion 99.90 (99.60 to 100.60): VU027255.D (-615) (-)



Time-->



#25

2-Butanone

Concen: 252.009 ug/l

RT: 4.26 min Scan# 960

Delta R.T. -0.00 min

Lab File: VU027255.D

Acq: 28 Sep 2018 08:43

Instrument :

MSVOA_U

ClientSampleId :

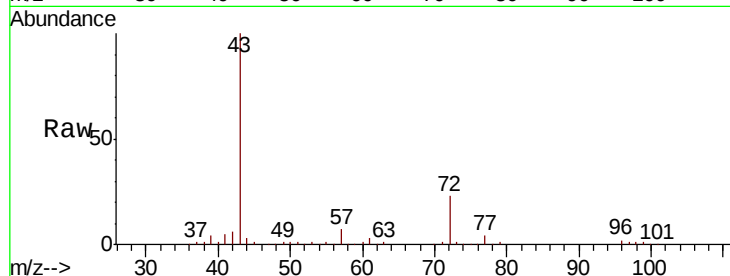
VSTDCCC050

Tot Ion: 43 Resp: 366935

Ion Ratio Lower Upper

43 100

72 22.8 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

4.26

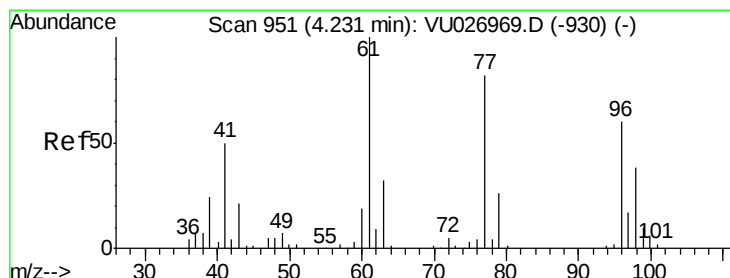
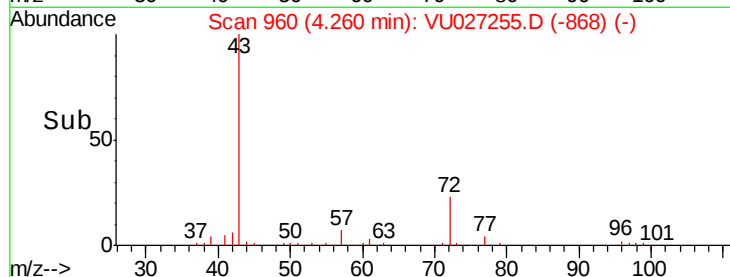
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 50.132 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU027255.D

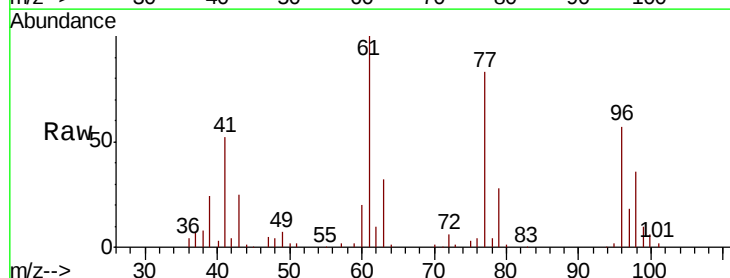
Acq: 28 Sep 2018 08:43

Tgt Ion: 77 Resp: 111066

Ion Ratio Lower Upper

77 100

97 20.7 10.5 31.5



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0

4.23

40000

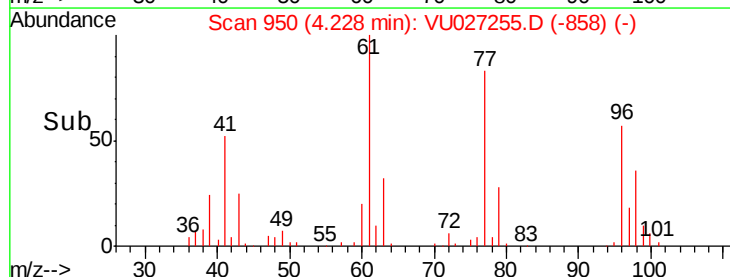
30000

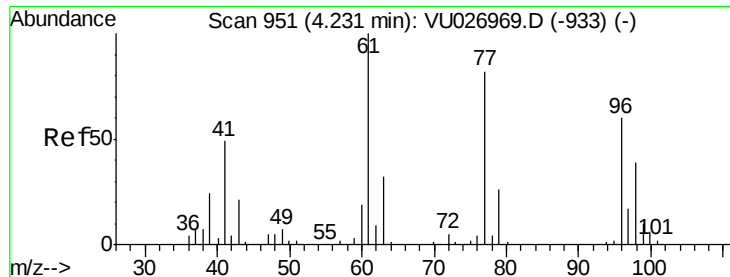
20000

10000

0

Time-->



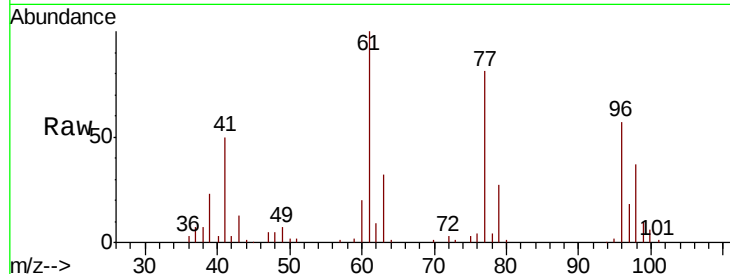


#27

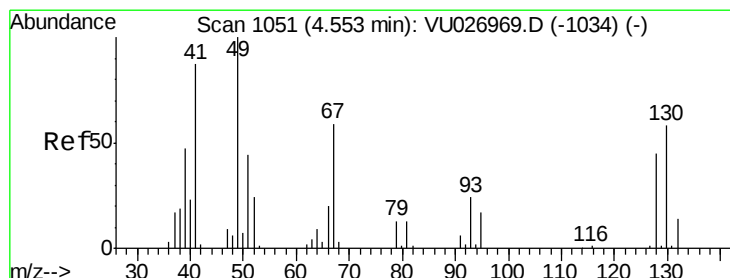
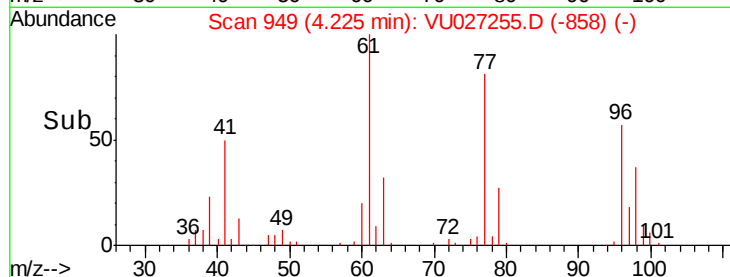
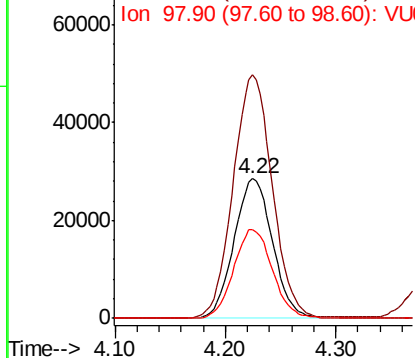
cis-1,2-Dichloroethene
 Concen: 48.179 ug/l
 RT: 4.22 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: VU027255.D
 Acq: 28 Sep 2018 08:43

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion: 96 Resp: 69068
 Ion Ratio Lower Upper
 96 100
 61 177.5 0.0 337.2
 98 63.8 0.0 127.6



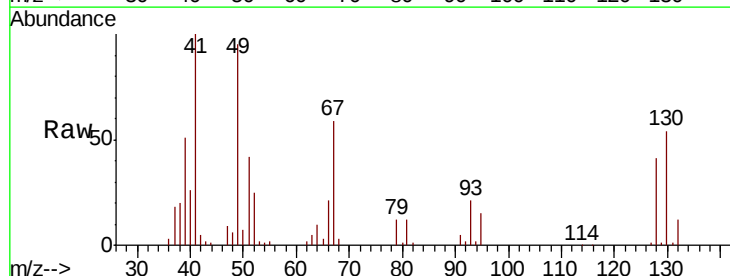
Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0



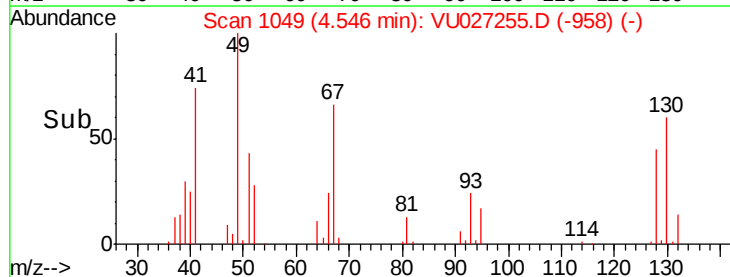
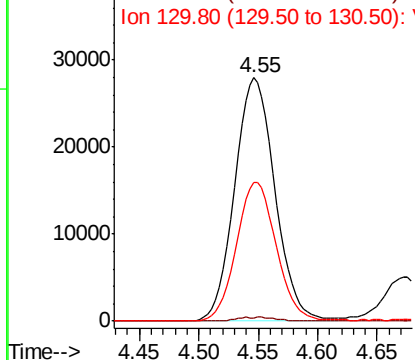
#28

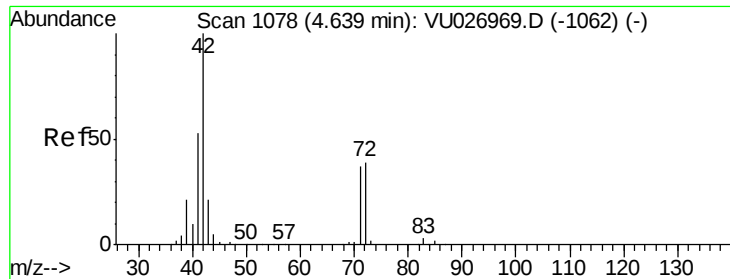
Bromochloromethane
 Concen: 48.030 ug/l
 RT: 4.55 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VU027255.D
 Acq: 28 Sep 2018 08:43

Tgt Ion: 49 Resp: 65772
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 3.0
 130 56.1 47.8 71.8



Abundance Ion 48.90 (48.60 to 49.60): VU0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

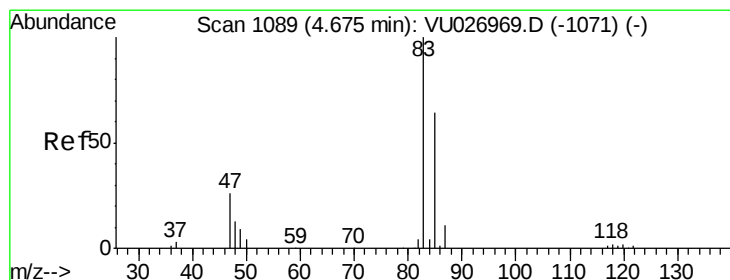
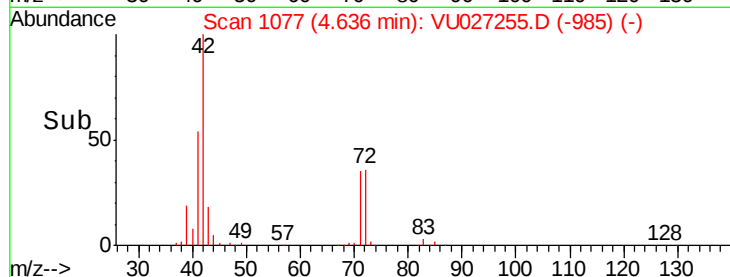
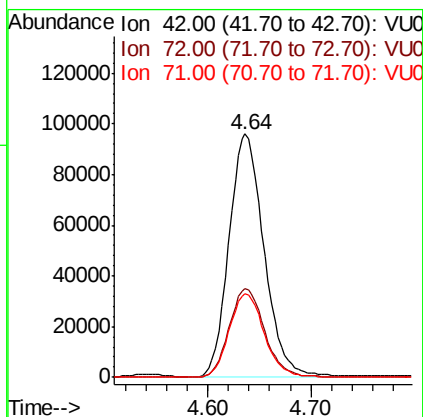
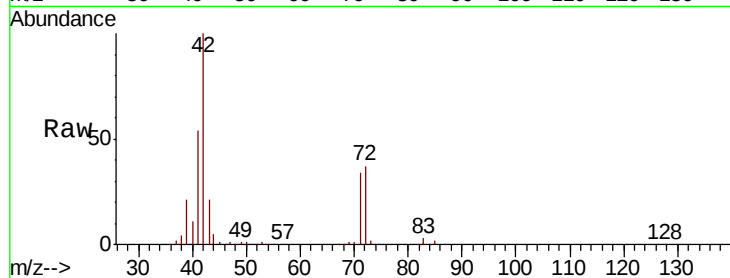




#29
Tetrahydrofuran
Concen: 256.911 ug/l
RT: 4.64 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VU027255.D
Acq: 28 Sep 2018 08:43

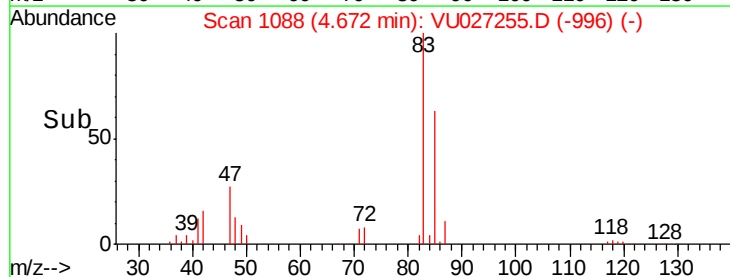
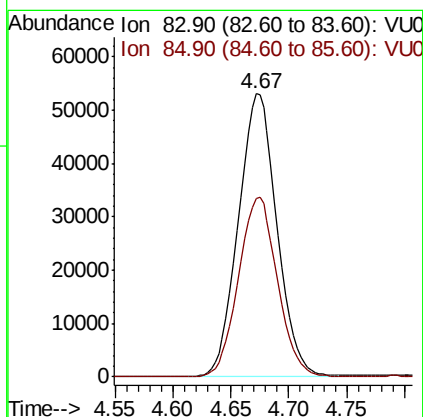
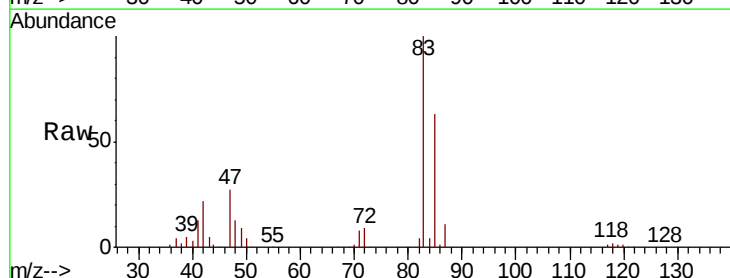
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

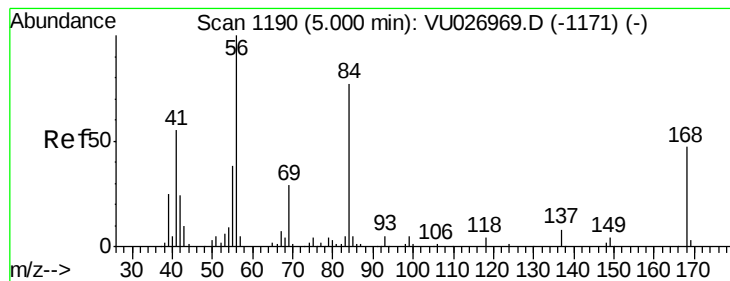
Tot Ion: 42 Resp: 226289
Ion Ratio Lower Upper
42 100
72 37.1 31.7 47.5
71 34.7 29.6 44.4



#30
Chloroform
Concen: 46.596 ug/l
RT: 4.67 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VU027255.D
Acq: 28 Sep 2018 08:43

Tgt Ion: 83 Resp: 122869
Ion Ratio Lower Upper
83 100
85 63.0 51.5 77.3





#31

Cyclohexane

Concen: 51.083 ug/l

RT: 5.00 min Scan# 1189

Delta R.T. -0.00 min

Lab File: VU027255.D

Acq: 28 Sep 2018 08:43

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

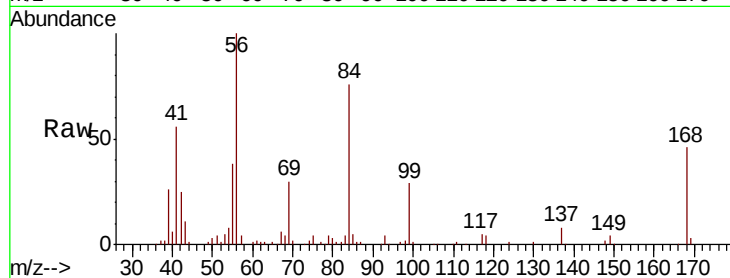
Tot Ion: 56 Resp: 131881

Ion Ratio Lower Upper

56 100

69 29.9 23.0 34.4

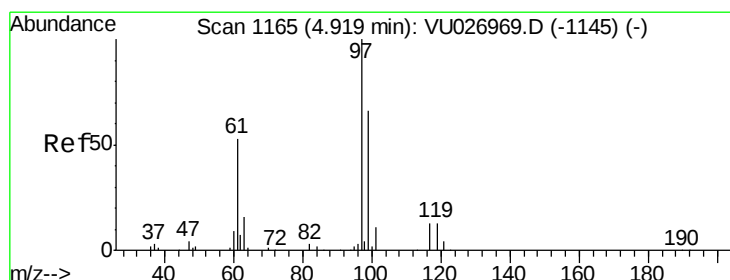
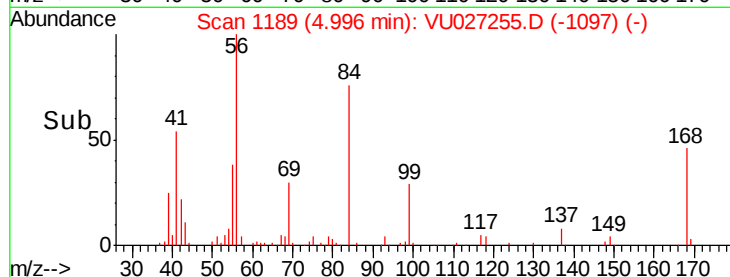
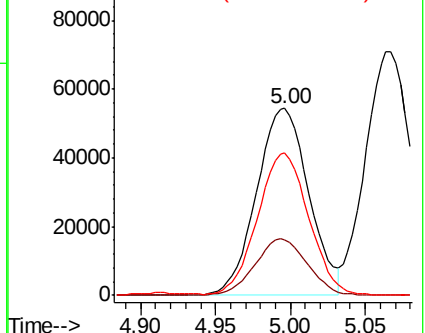
84 75.6 61.4 92.2



Abundance Ion 56.00 (55.70 to 56.70): VU027255.D (-1097) (-)

Ion 69.00 (68.70 to 69.70): VU027255.D (-1097) (-)

Ion 84.00 (83.70 to 84.70): VU027255.D (-1097) (-)



#32

1,1,1-Trichloroethane

Concen: 48.512 ug/l

RT: 4.91 min Scan# 1163

Delta R.T. -0.01 min

Lab File: VU027255.D

Acq: 28 Sep 2018 08:43

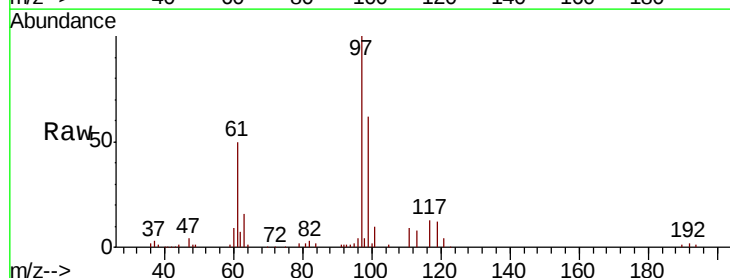
Tgt Ion: 97 Resp: 102137

Ion Ratio Lower Upper

97 100

99 63.6 51.8 77.6

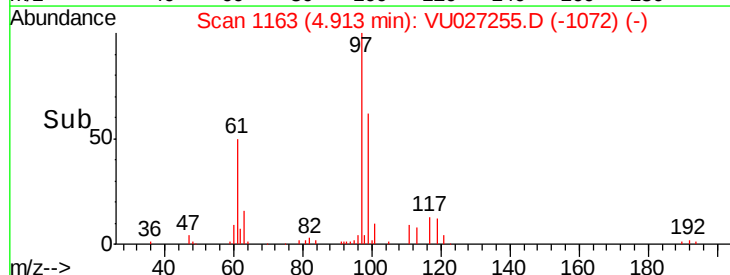
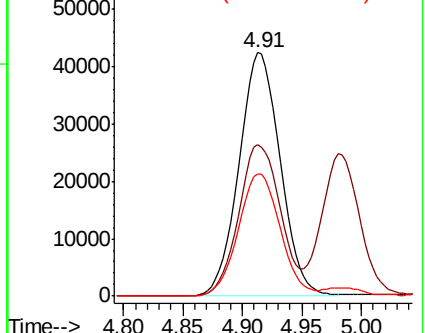
61 51.0 41.1 61.7

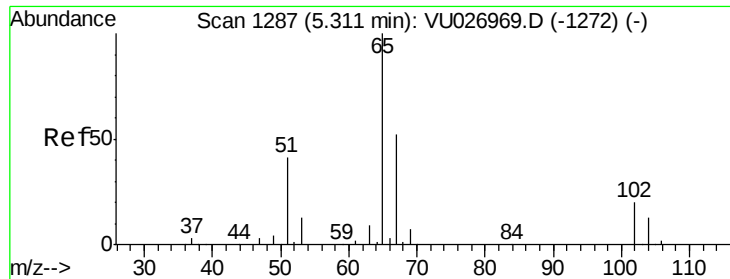


Abundance Ion 96.90 (96.60 to 97.60): VU027255.D (-1072) (-)

Ion 98.90 (98.60 to 99.60): VU027255.D (-1072) (-)

Ion 60.90 (60.60 to 61.60): VU027255.D (-1072) (-)

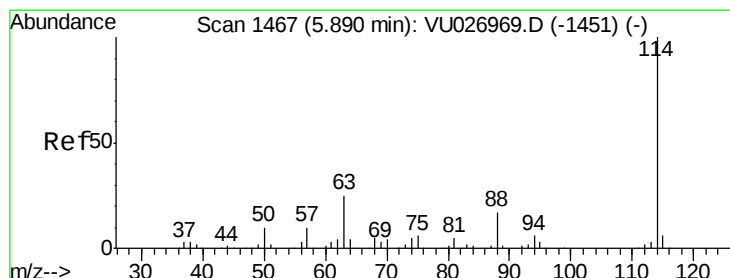
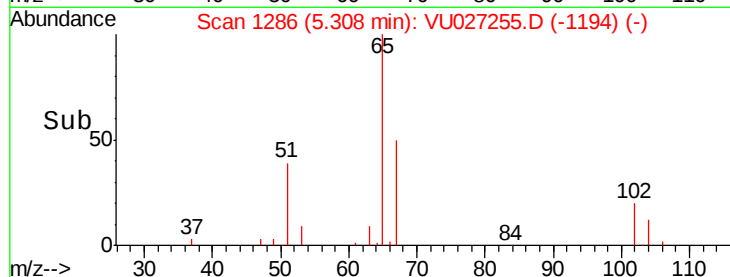
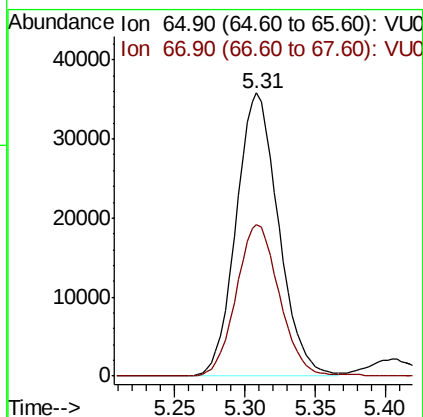
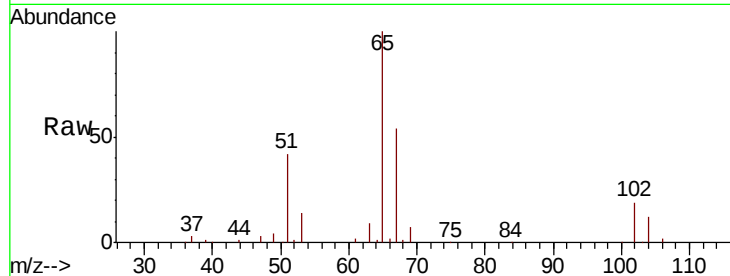




#33
 1,2-Dichloroethane-d4
 Concen: 43.446 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU027255.D
 Acq: 28 Sep 2018 08:43

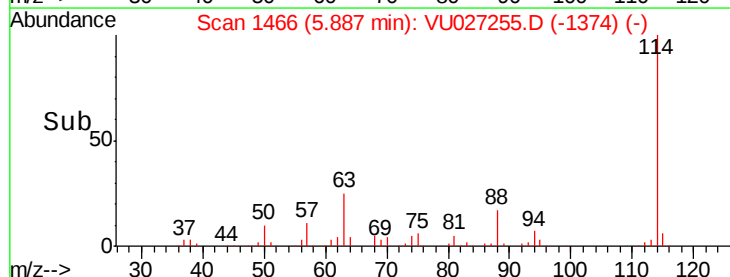
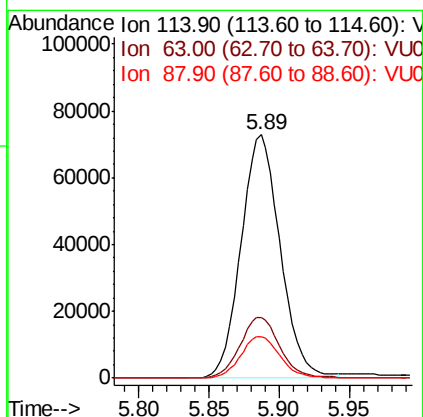
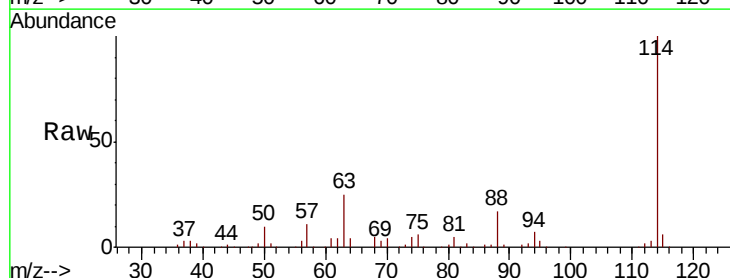
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

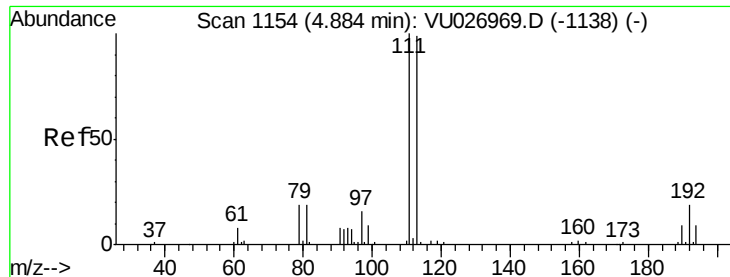
Tot Ion: 65 Resp: 75274
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027255.D
 Acq: 28 Sep 2018 08:43

Tgt Ion: 114 Resp: 141945
 Ion Ratio Lower Upper
 114 100
 63 24.9 0.0 49.2
 88 17.1 0.0 33.8

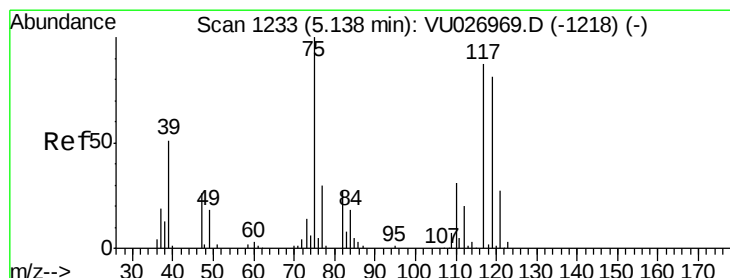
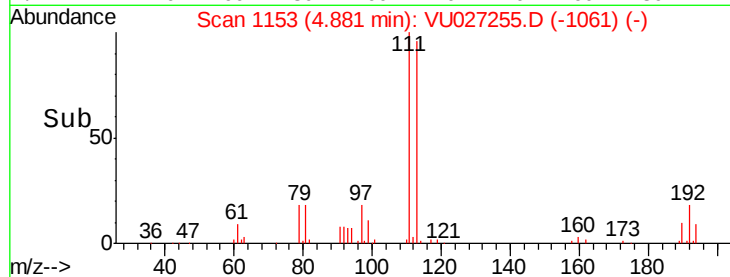
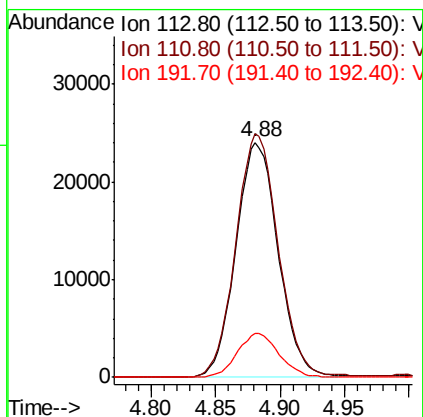
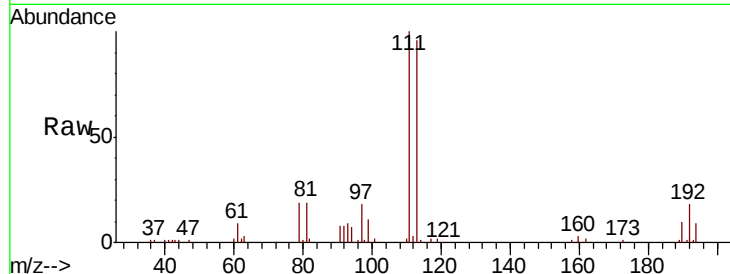




#35
 Dibromofluoromethane
 Concen: 44.688 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU027255.D
 Acq: 28 Sep 2018 08:43

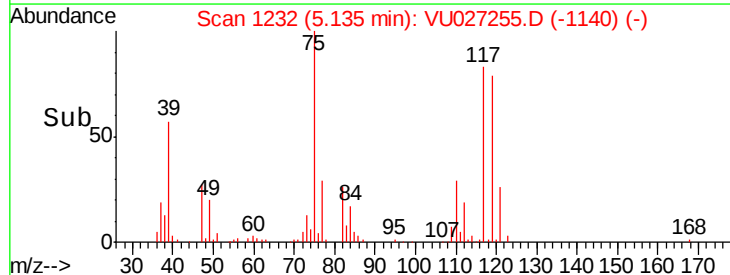
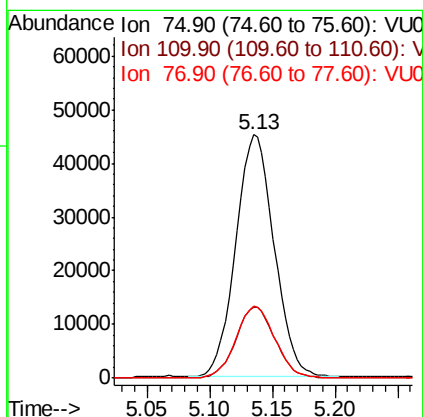
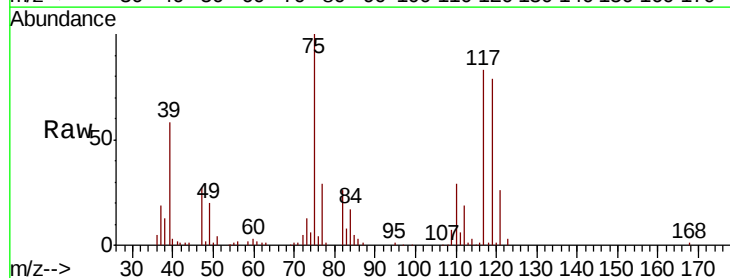
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

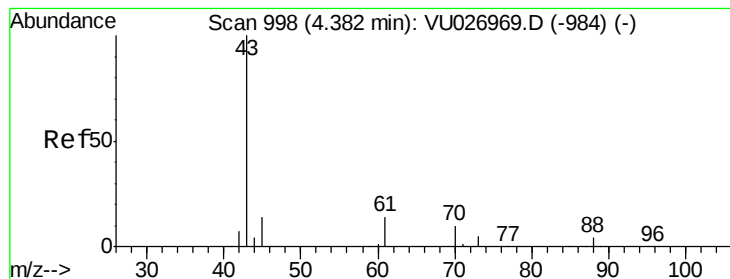
Tot Ion:113 Resp: 54983
 Ion Ratio Lower Upper
 113 100
 111 104.4 82.2 123.4
 192 18.4 15.2 22.8



#36
 1,1-Dichloropropene
 Concen: 50.506 ug/l
 RT: 5.13 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: VU027255.D
 Acq: 28 Sep 2018 08:43

Tgt Ion: 75 Resp: 95679
 Ion Ratio Lower Upper
 75 100
 110 30.0 16.1 48.2
 77 30.6 24.6 36.8





#37

Ethyl Acetate

Concen: 49.560 ug/l

RT: 4.38 min Scan# 997

Delta R.T. -0.00 min

Lab File: VU027255.D

Acq: 28 Sep 2018 08:43

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

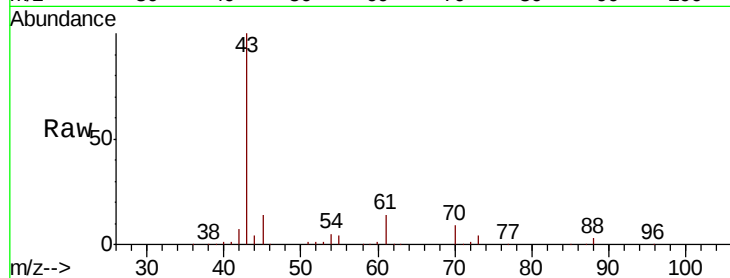
Tot Ion: 43 Resp: 127099

Ion Ratio Lower Upper

43 100

61 12.8 10.5 15.7

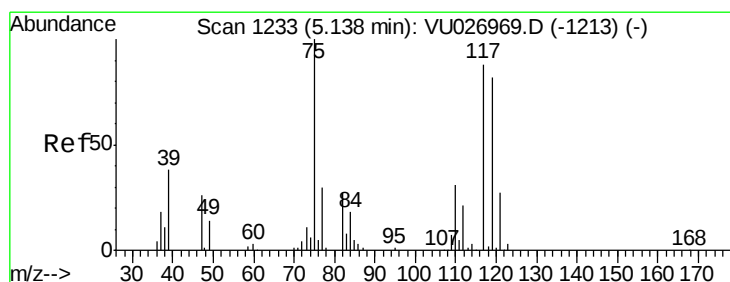
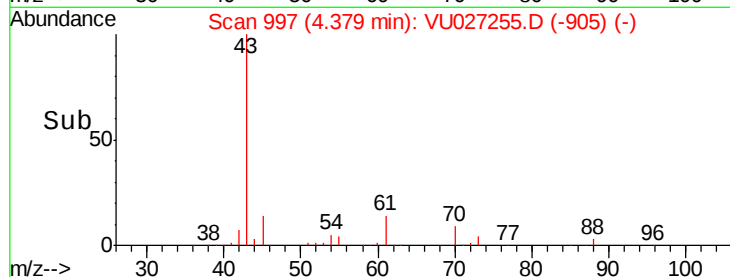
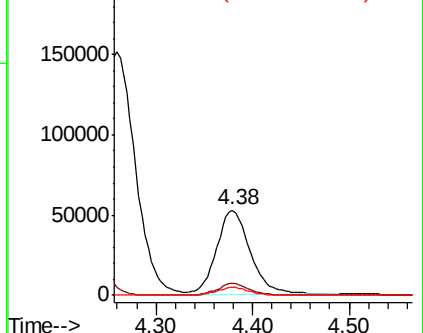
70 8.9 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-984) (-)

Ion 60.90 (60.60 to 61.60): VU026969.D (-984) (-)

Ion 70.00 (69.70 to 70.70): VU026969.D (-984) (-)



#38

Carbon Tetrachloride

Concen: 48.080 ug/l

RT: 5.13 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VU027255.D

Acq: 28 Sep 2018 08:43

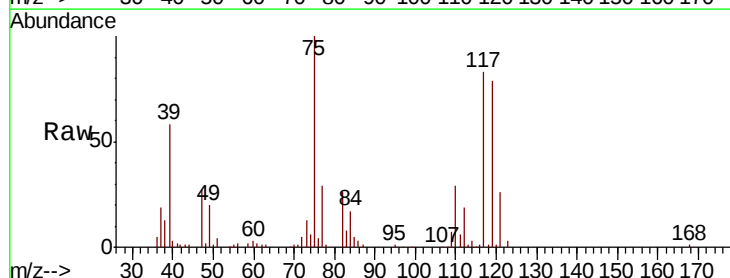
Tgt Ion: 117 Resp: 86678

Ion Ratio Lower Upper

117 100

119 95.2 74.4 111.6

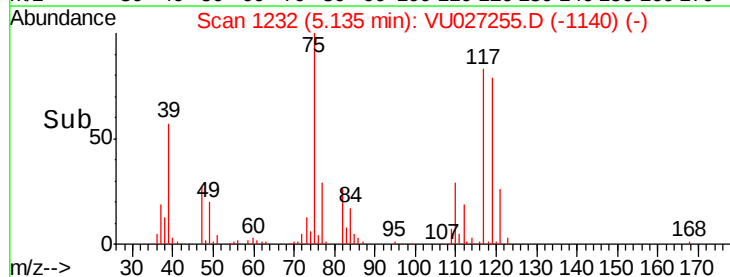
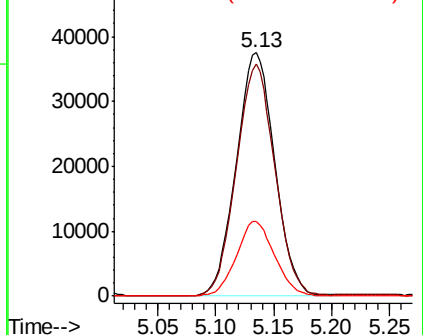
121 30.8 24.2 36.4

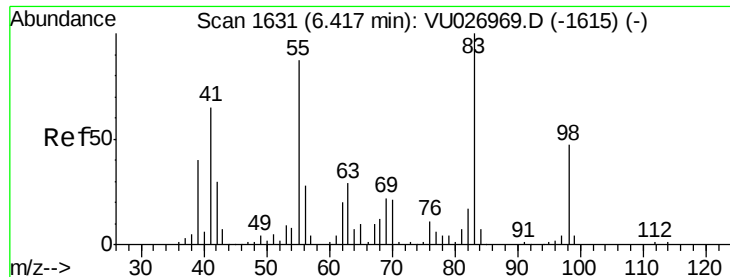


Abundance Ion 116.80 (116.50 to 117.50): VU026969.D (-1213) (-)

Ion 118.80 (118.50 to 119.50): VU026969.D (-1213) (-)

Ion 120.80 (120.50 to 121.50): VU026969.D (-1213) (-)

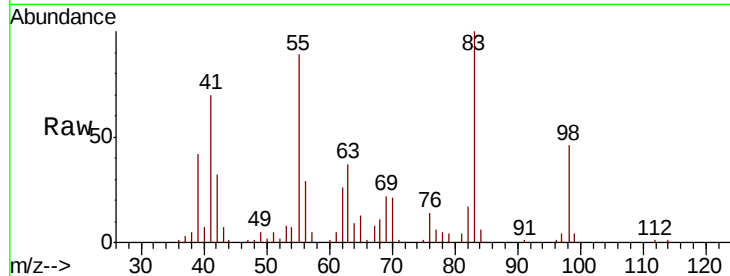




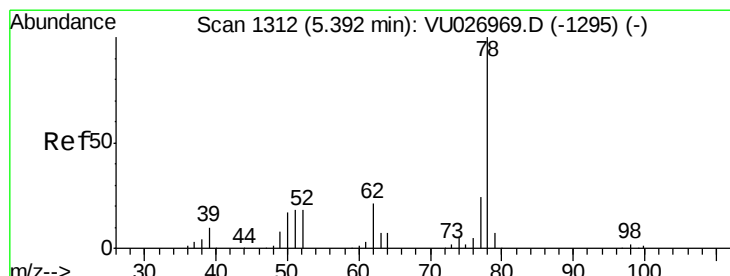
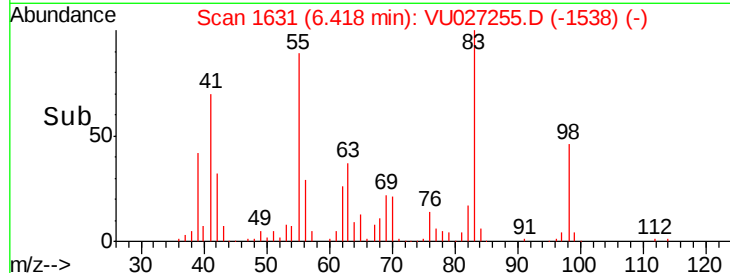
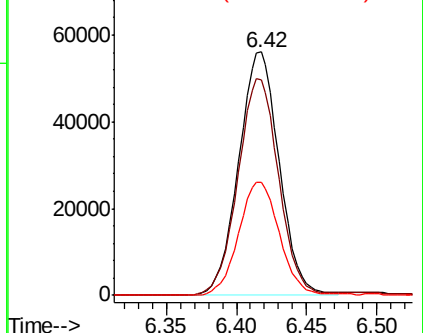
#39
Methvlcvclohexane
Concen: 54.878 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU027255.D
Acq: 28 Sep 2018 08:43

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 112977
Ion Ratio Lower Upper
83 100
55 88.7 69.9 104.9
98 46.3 37.5 56.3

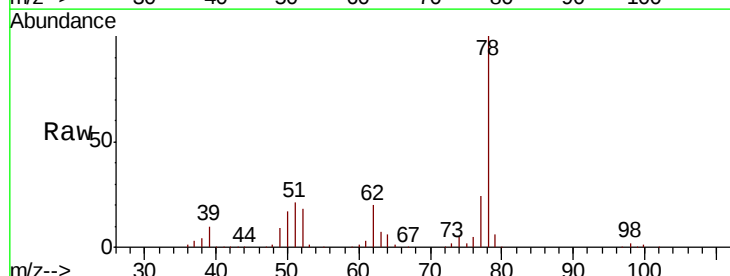


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

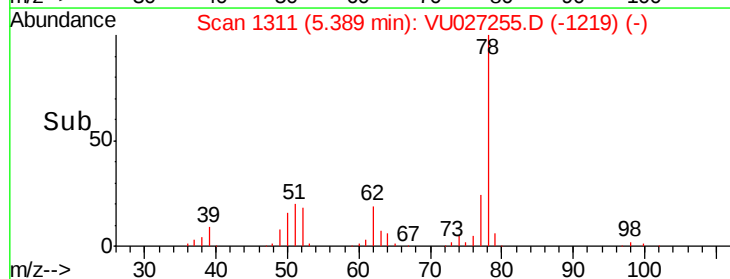
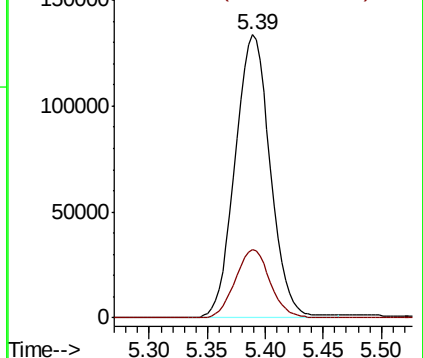


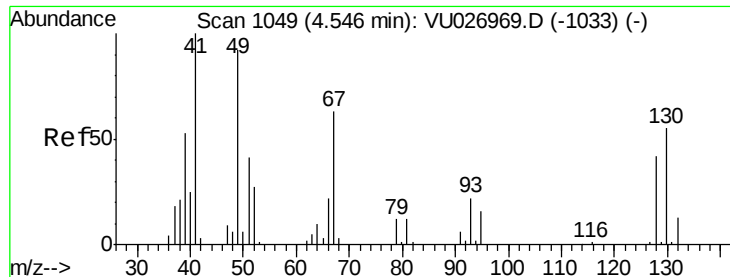
#40
Benzene
Concen: 49.065 ug/l
RT: 5.39 min Scan# 1311
Delta R.T. -0.00 min
Lab File: VU027255.D
Acq: 28 Sep 2018 08:43

Tgt Ion: 78 Resp: 282564
Ion Ratio Lower Upper
78 100
77 24.0 19.4 29.0



Abundance Ion 78.00 (77.70 to 78.70): VU0
Ion 77.00 (76.70 to 77.70): VU0

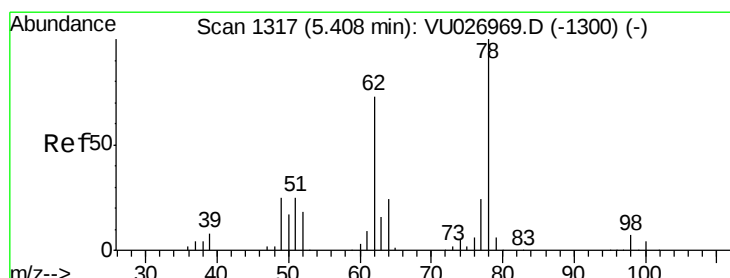
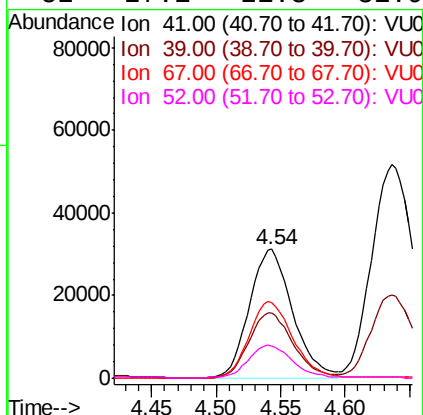
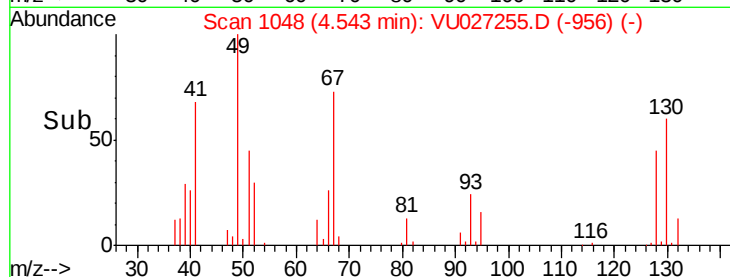
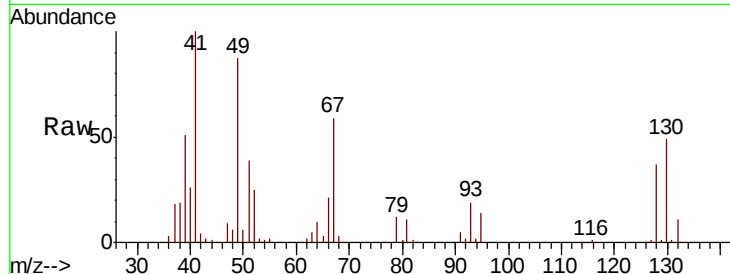




#41
Methacrylonitrile
Concen: 54.893 ug/l
RT: 4.54 min Scan# 1048
Delta R.T. -0.00 min
Lab File: VU027255.D
Acq: 28 Sep 2018 08:43

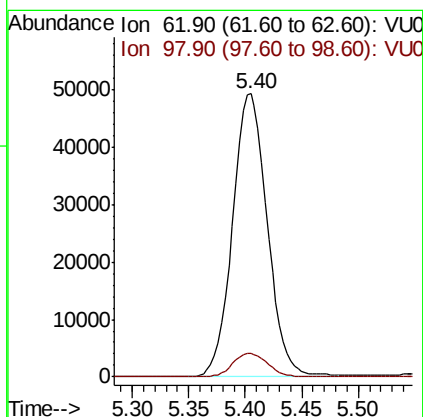
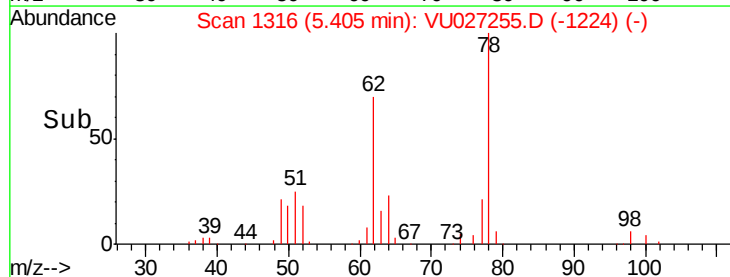
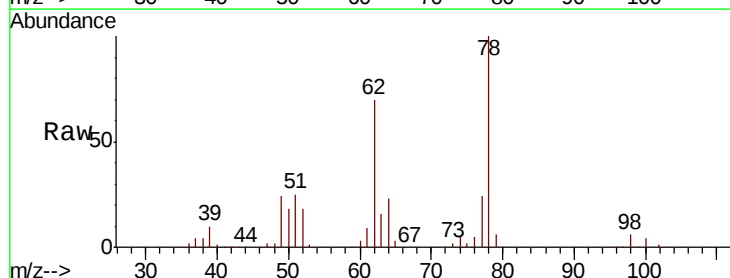
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

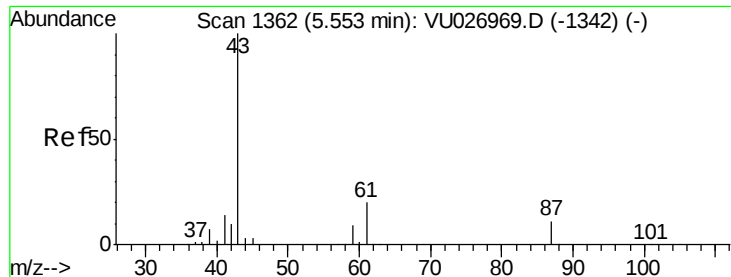
Tot Ion:	41	Resp:	73111
Ion	Ratio	Lower	Upper
41	100		
39	52.0	42.9	64.3
67	60.8	52.4	78.6
52	27.1	21.3	31.9



#42
1,2-Dichloroethane
Concen: 48.529 ug/l
RT: 5.40 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VU027255.D
Acq: 28 Sep 2018 08:43

Tgt Ion:	62	Resp:	105592
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.0





#43

Isopropyl Acetate

Concen: 53.638 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. -0.00 min

Lab File: VU027255.D

Acq: 28 Sep 2018 08:43

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

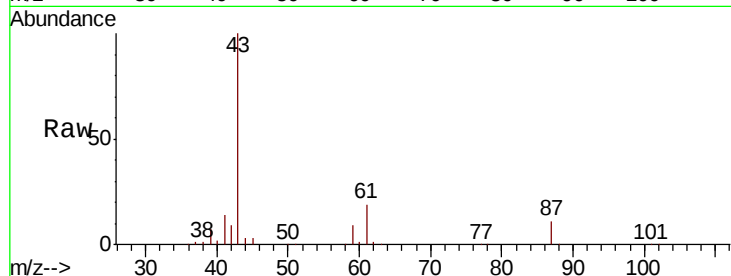
Tot Ion: 43 Resp: 200611

Ion Ratio Lower Upper

43 100

61 18.3 15.7 23.5

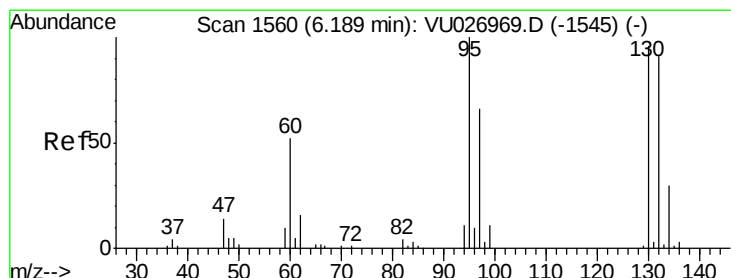
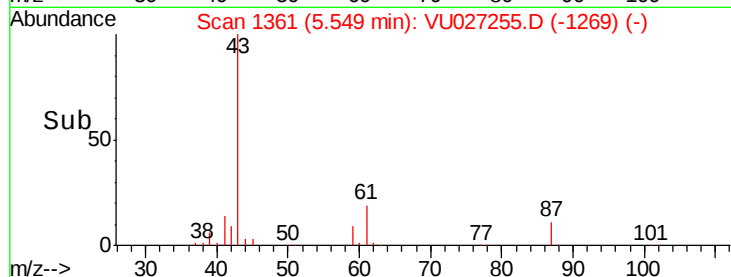
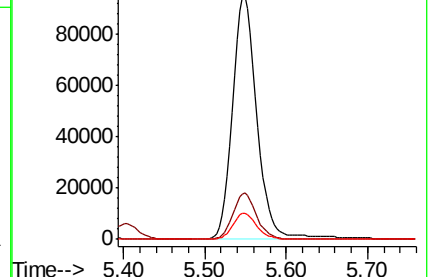
87 10.4 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-1342) (-)

Ion 61.00 (60.70 to 61.70): VU026969.D (-1342) (-)

Ion 87.00 (86.70 to 87.70): VU026969.D (-1342) (-)



#44

Trichloroethene

Concen: 49.218 ug/l

RT: 6.19 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VU027255.D

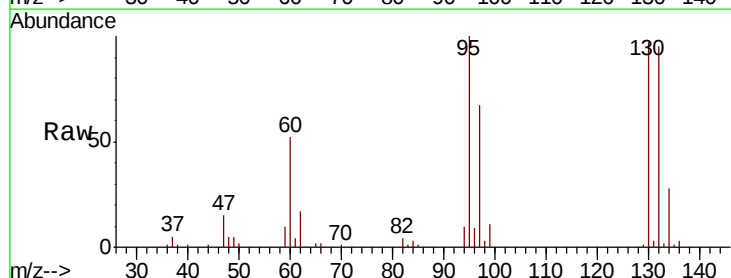
Acq: 28 Sep 2018 08:43

Tgt Ion:130 Resp: 60343

Ion Ratio Lower Upper

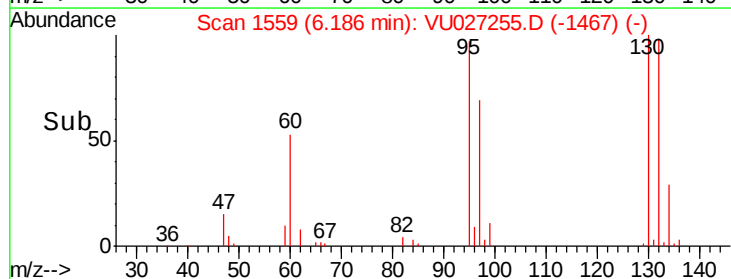
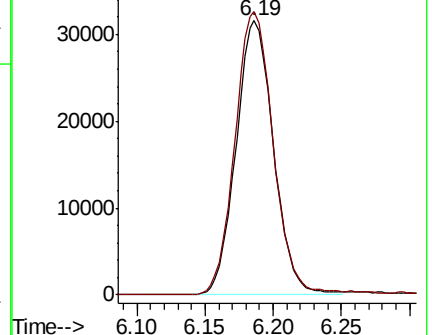
130 100

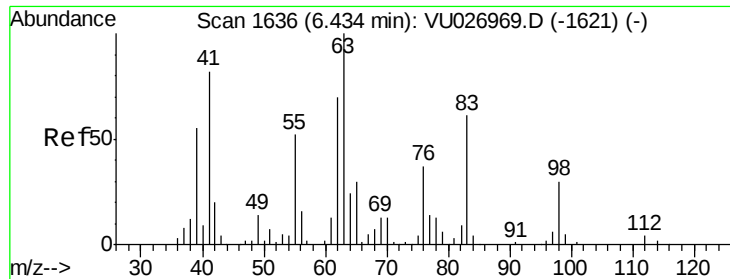
95 103.2 0.0 208.8



Abundance Ion 129.80 (129.50 to 130.50): VU026969.D (-1545) (-)

Ion 94.90 (94.60 to 95.60): VU026969.D (-1545) (-)





#45

1,2-Dichloropropane

Concen: 51.012 ug/l

RT: 6.43 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VU027255.D

Acq: 28 Sep 2018 08:43

Instrument :

MSVOA_U

ClientSampleId :

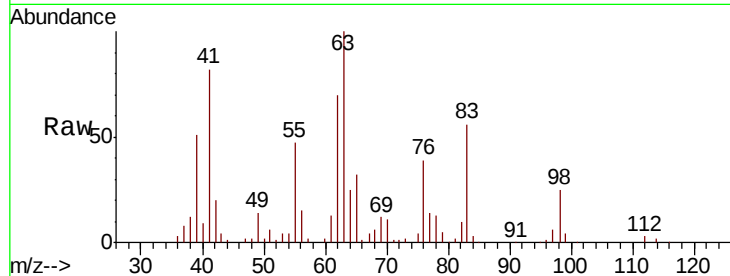
VSTDCCC050

Tot Ion: 63 Resp: 83707

Ion Ratio Lower Upper

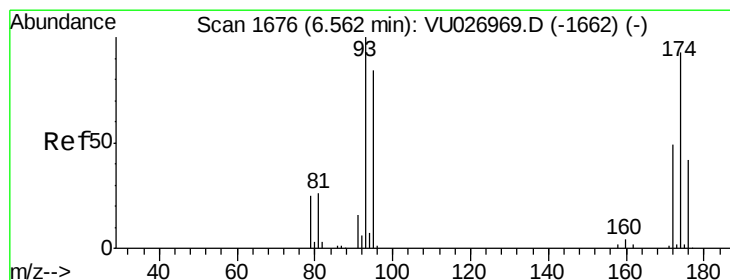
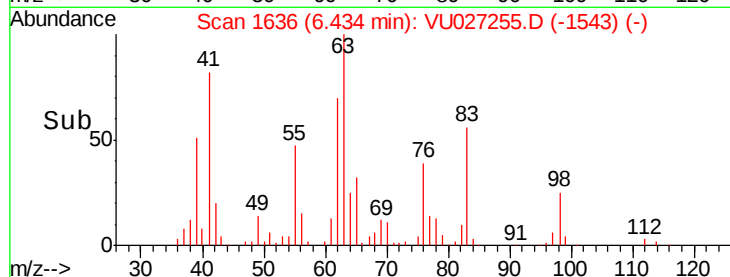
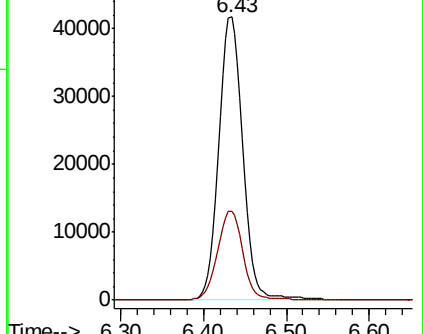
63 100

65 31.6 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VU026969.D (-1621) (-)

Ion 64.90 (64.60 to 65.60): VU026969.D (-1621) (-)



#46

Dibromomethane

Concen: 48.163 ug/l

RT: 6.56 min Scan# 1675

Delta R.T. -0.00 min

Lab File: VU027255.D

Acq: 28 Sep 2018 08:43

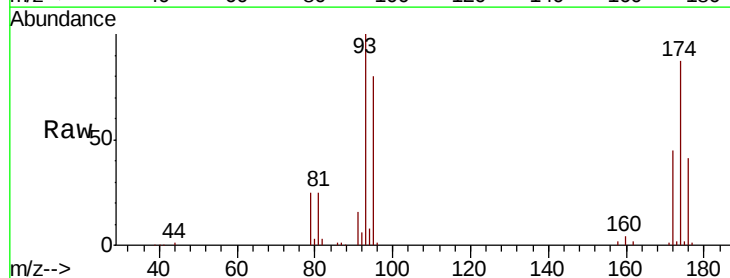
Tgt Ion: 93 Resp: 47732

Ion Ratio Lower Upper

93 100

95 81.7 66.2 99.4

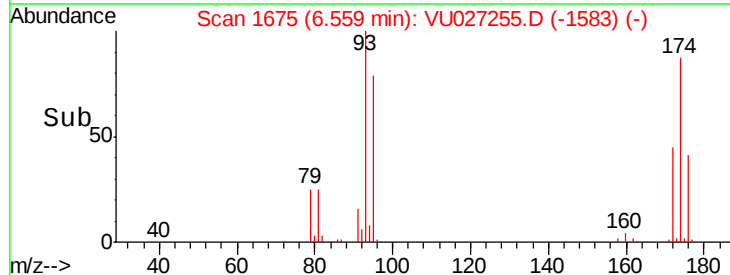
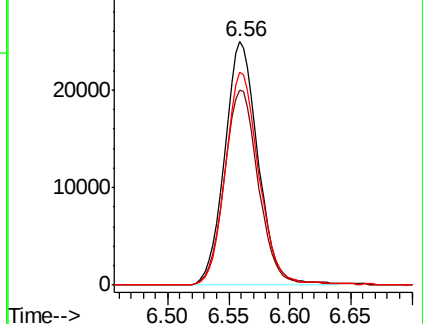
174 87.1 71.7 107.5

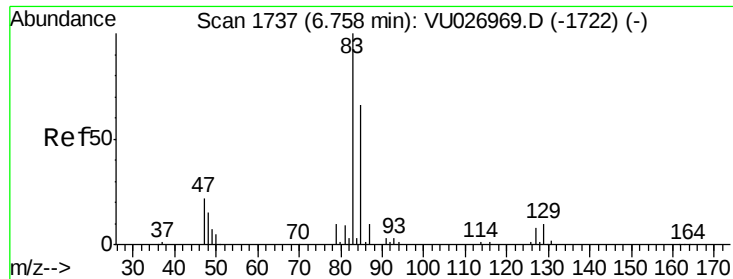


Abundance Ion 92.80 (92.50 to 93.50): VU026969.D (-1662) (-)

Ion 94.80 (94.50 to 95.50): VU026969.D (-1662) (-)

Ion 173.70 (173.40 to 174.40): VU026969.D (-1662) (-)





#47

Bromodichloromethane

Concen: 48.326 ug/l

RT: 6.76 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VU027255.D

Acq: 28 Sep 2018 08:43

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

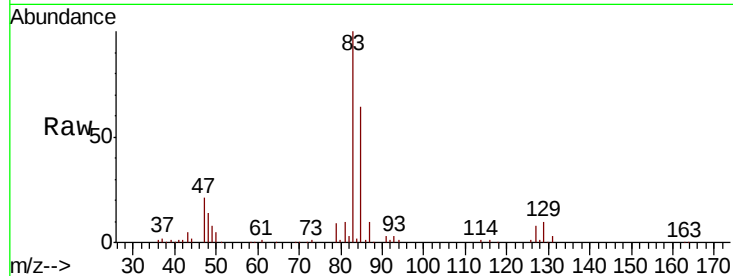
Tot Ion: 83 Resp: 96842

Ion Ratio Lower Upper

83 100

85 64.1 52.5 78.7

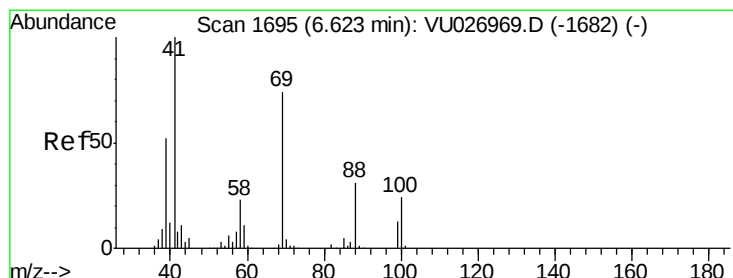
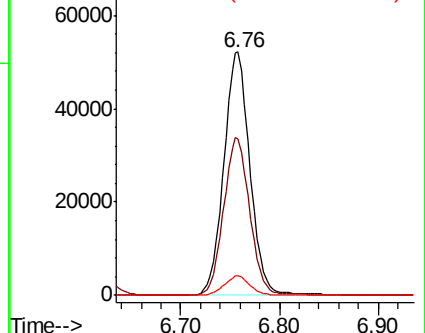
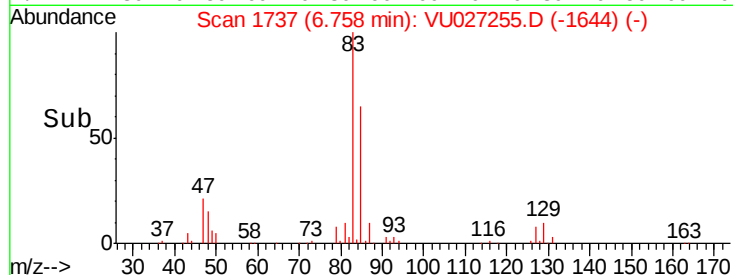
127 7.9 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VU027255.D (-1644) (-)

Ion 84.90 (84.60 to 85.60): VU027255.D (-1644) (-)

Ion 126.80 (126.50 to 127.50): VU027255.D (-1644) (-)



#48

Methyl methacrylate

Concen: 49.685 ug/l

RT: 6.62 min Scan# 1695

Delta R.T. 0.00 min

Lab File: VU027255.D

Acq: 28 Sep 2018 08:43

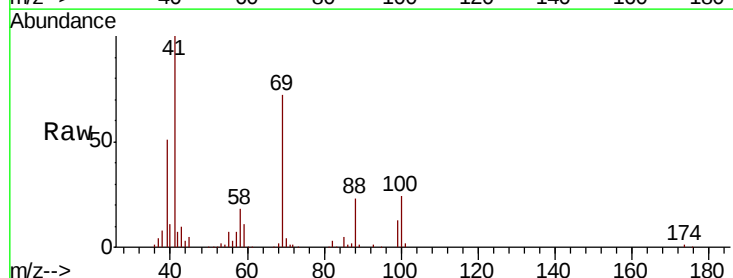
Tgt Ion: 41 Resp: 101127

Ion Ratio Lower Upper

41 100

69 73.1 60.6 90.8

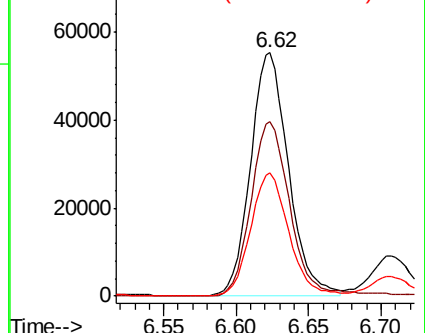
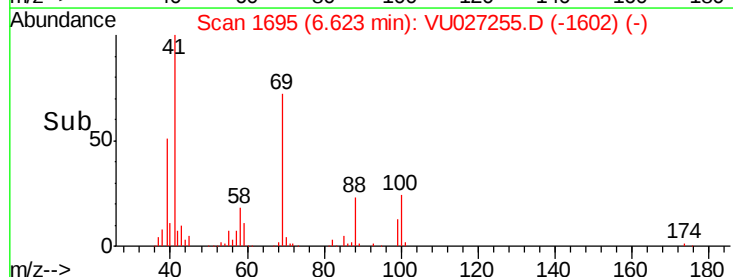
39 51.0 42.8 64.2

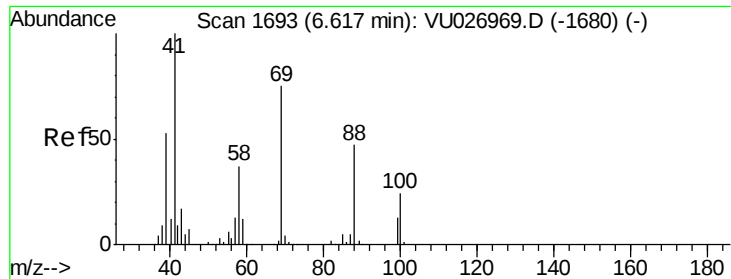


Abundance Ion 41.00 (40.70 to 41.70): VU027255.D (-1602) (-)

Ion 69.00 (68.70 to 69.70): VU027255.D (-1602) (-)

Ion 39.00 (38.70 to 39.70): VU027255.D (-1602) (-)

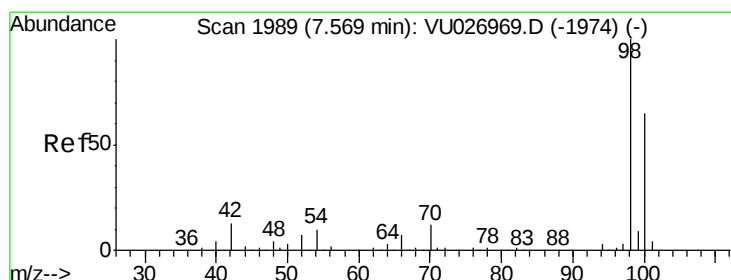
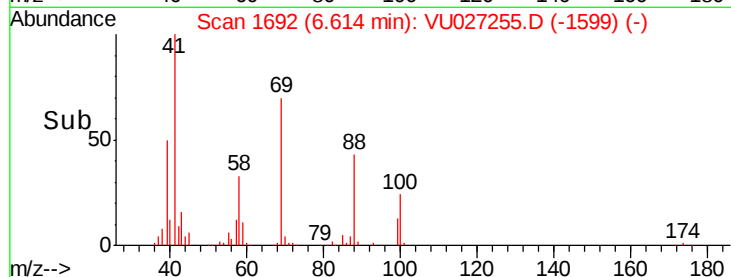
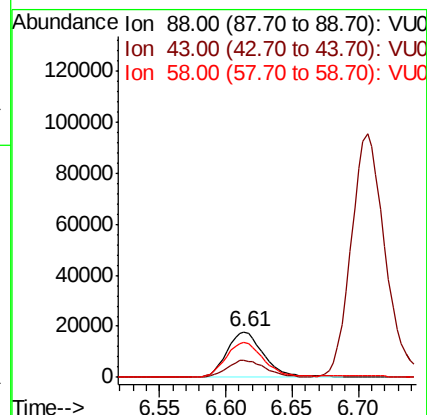
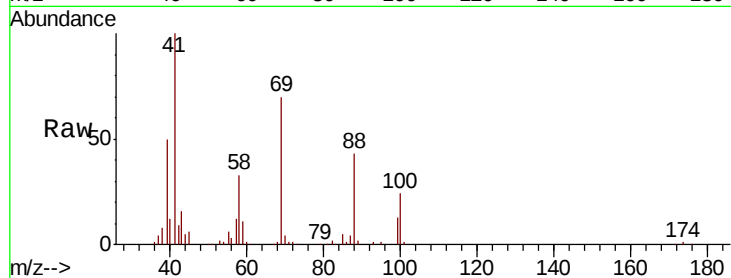




#49
1,4-Dioxane
Concen: 854.001 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VU027255.D
Acq: 28 Sep 2018 08:43

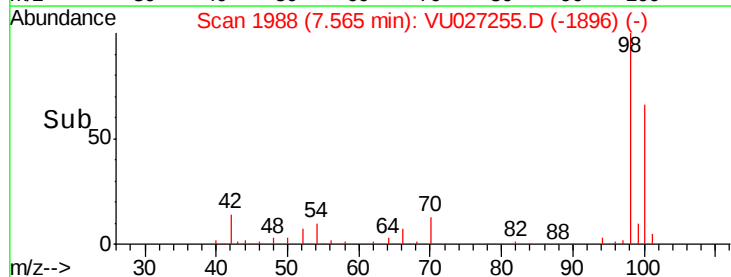
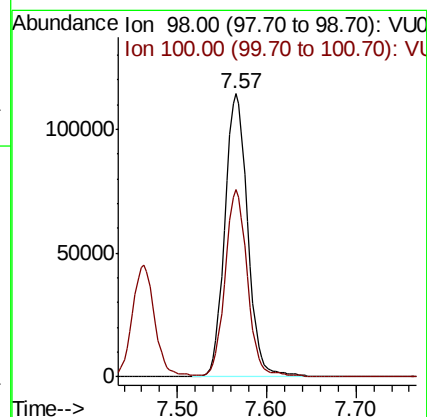
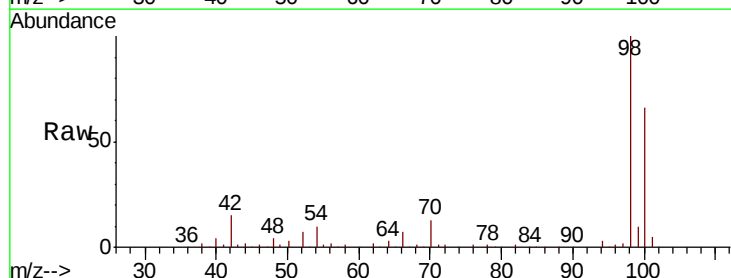
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

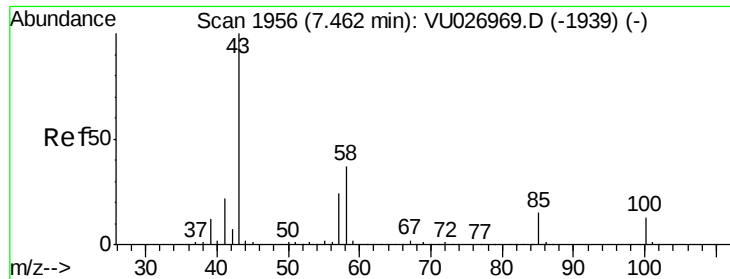
Tot Ion: 88 Resp: 34535
Ion Ratio Lower Upper
88 100
43 39.6 29.8 44.8
58 78.8 63.9 95.9



#50
Toluene-d8
Concen: 43.334 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027255.D
Acq: 28 Sep 2018 08:43

Tgt Ion: 98 Resp: 203195
Ion Ratio Lower Upper
98 100
100 65.0 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 262.572 ug/l

RT: 7.46 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VU027255.D

Acq: 28 Sep 2018 08:43

Instrument :

MSVOA_U

ClientSampleId :

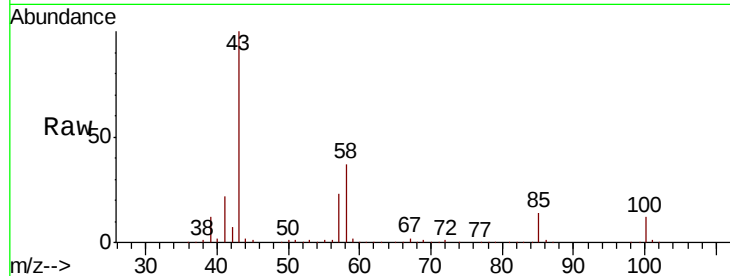
VSTDCCC050

Tot Ion: 43 Resp: 660479

Ion Ratio Lower Upper

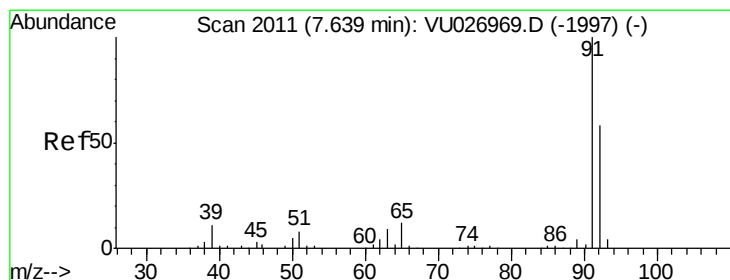
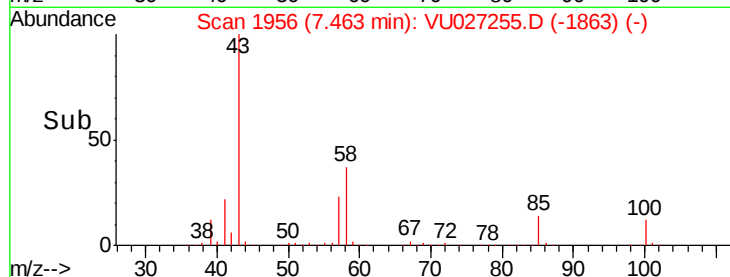
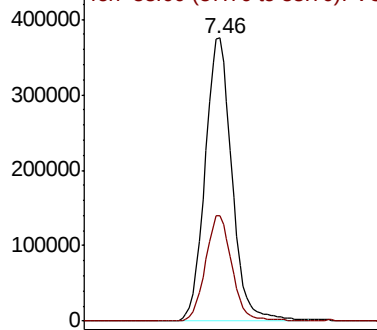
43 100

58 37.2 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#52

Toluene

Concen: 51.053 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. -0.00 min

Lab File: VU027255.D

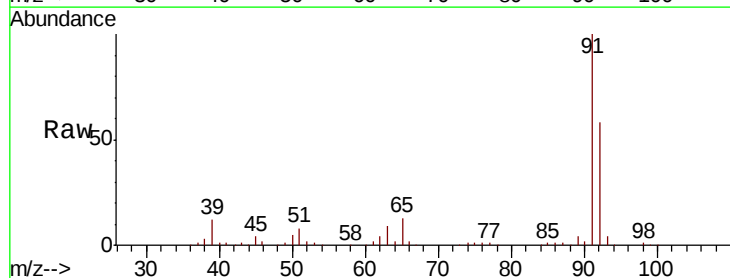
Acq: 28 Sep 2018 08:43

Tgt Ion: 92 Resp: 168530

Ion Ratio Lower Upper

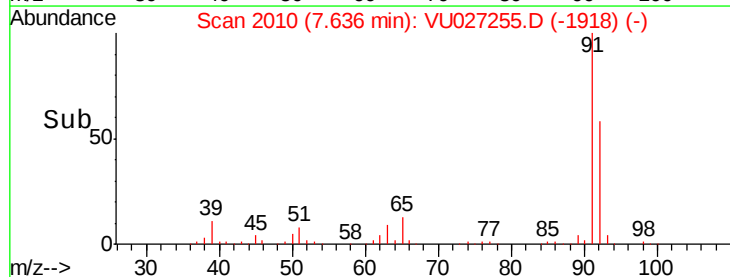
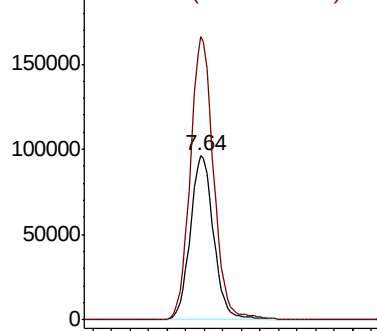
92 100

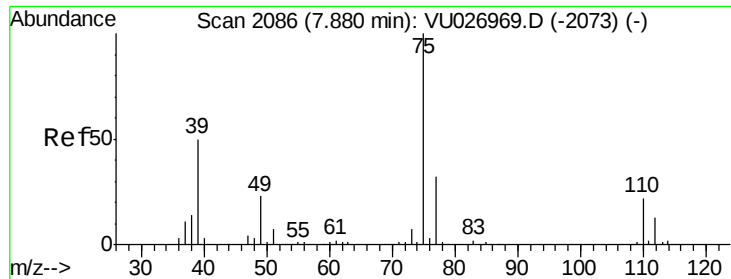
91 171.9 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0

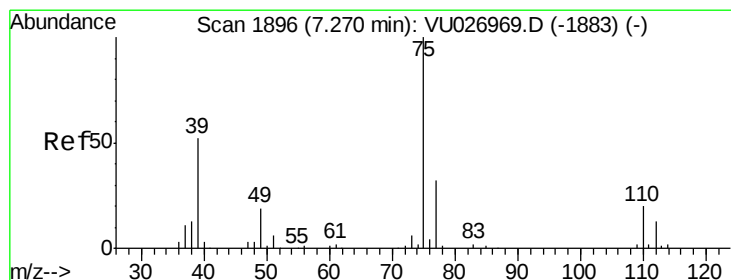
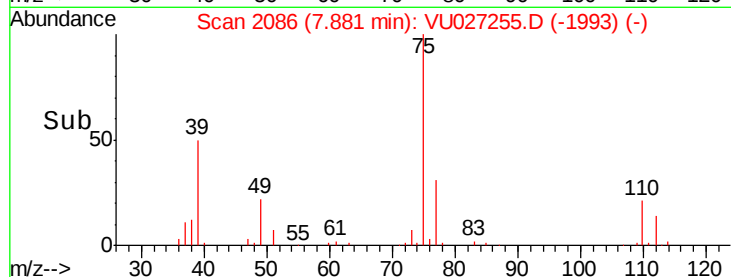
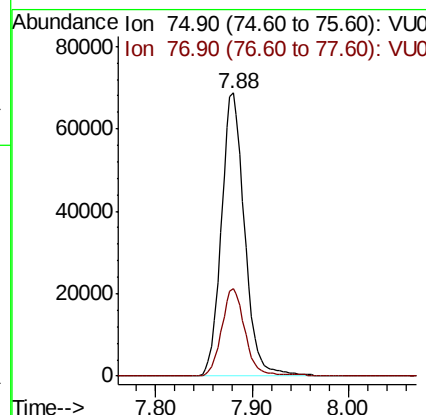
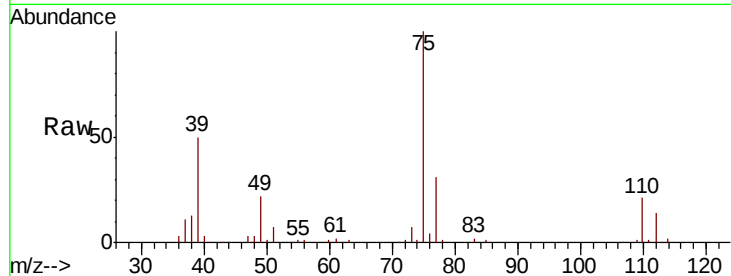




#53
t-1,3-Dichloropropene
Concen: 53.253 ug/l
RT: 7.88 min Scan# 2086
Delta R.T. 0.00 min
Lab File: VU027255.D
Acq: 28 Sep 2018 08:43

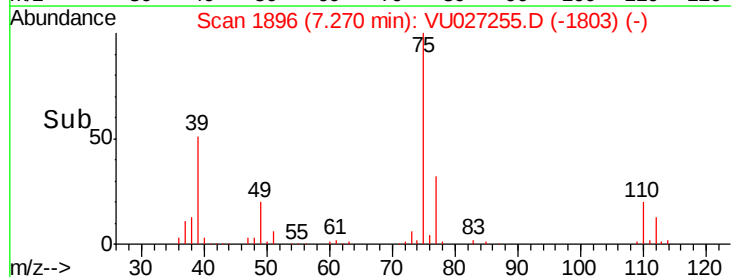
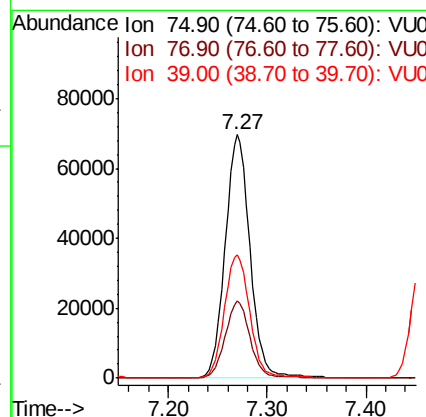
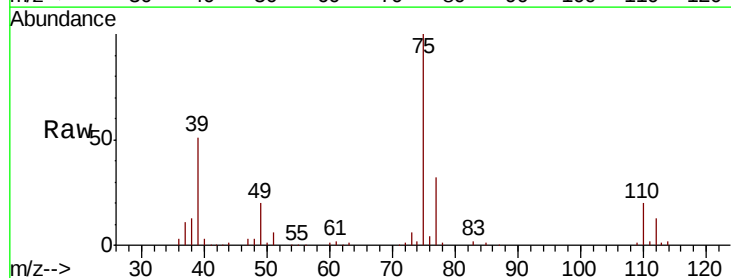
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

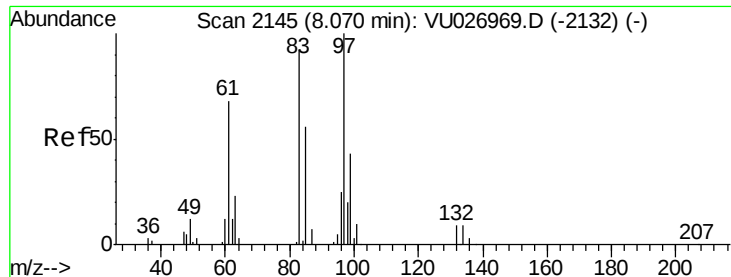
Tot Ion: 75 Resp: 114657
Ion Ratio Lower Upper
75 100
77 31.1 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 52.065 ug/l
RT: 7.27 min Scan# 1896
Delta R.T. 0.00 min
Lab File: VU027255.D
Acq: 28 Sep 2018 08:43

Tgt Ion: 75 Resp: 123257
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.0
39 50.6 41.6 62.4

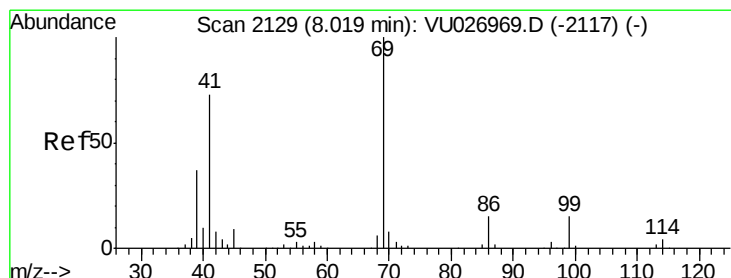
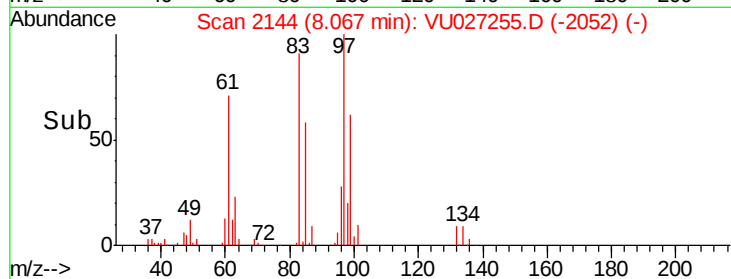
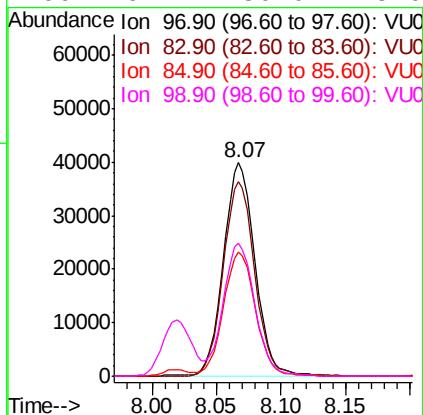
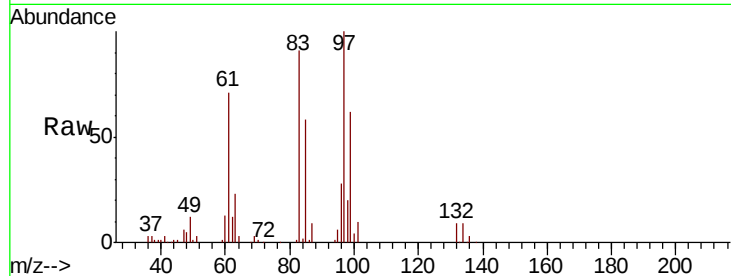




#55
 1,1,2-Trichloroethane
 Concen: 48.259 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VU027255.D
 Acq: 28 Sep 2018 08:43

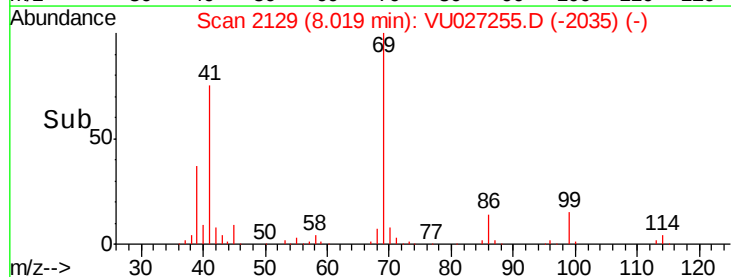
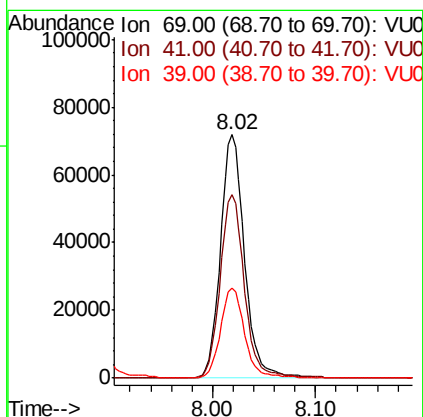
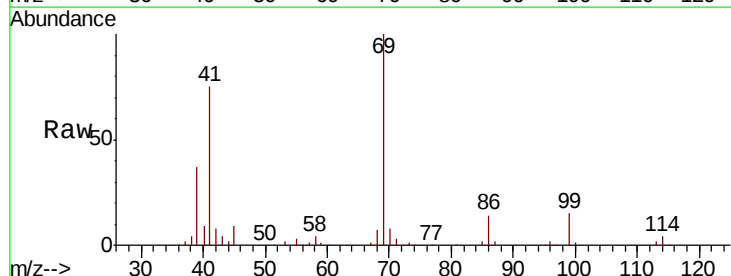
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

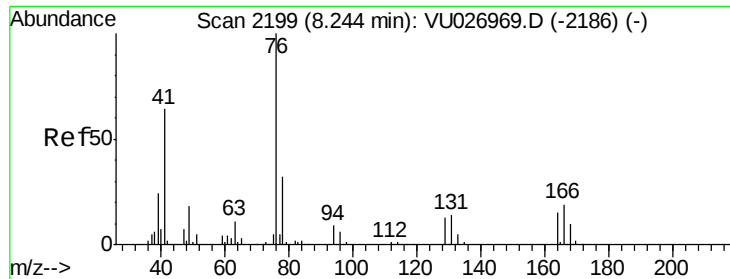
Tot Ion:	97	Resp:	67502
Ion	Ratio	Lower	Upper
97	100		
83	91.3	73.1	109.7
85	58.0	46.7	70.1
99	62.4	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 48.102 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU027255.D
 Acq: 28 Sep 2018 08:43

Tgt Ion:	69	Resp:	116531
Ion	Ratio	Lower	Upper
69	100		
41	76.7	59.0	88.4
39	37.5	30.2	45.4

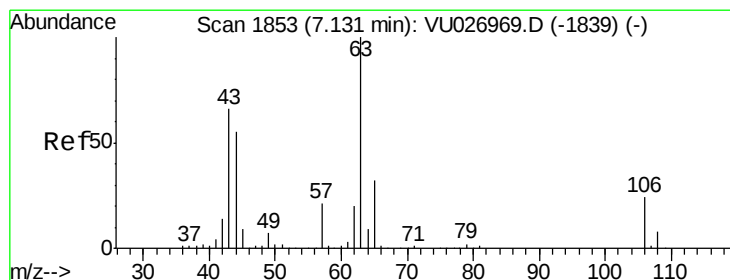
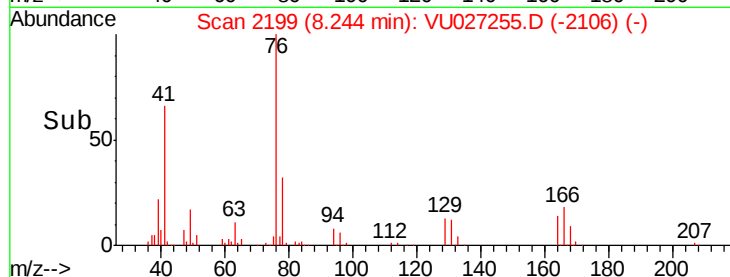
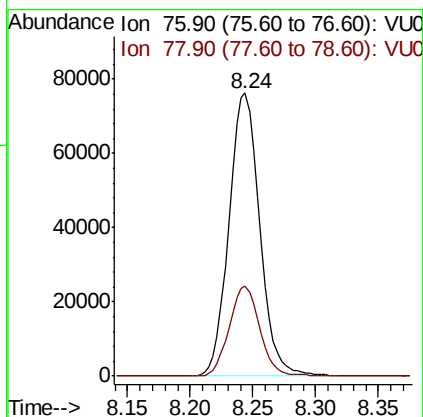
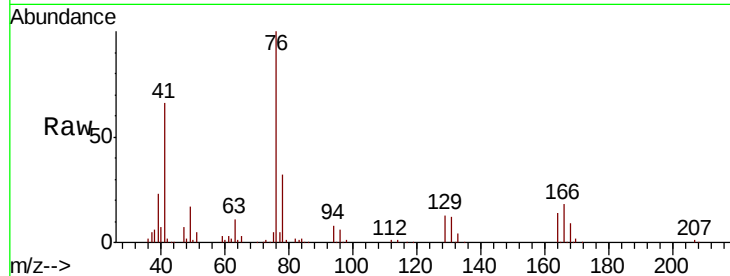




#57
 1,3-Dichloropropane
 Concen: 50.048 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VU027255.D
 Acq: 28 Sep 2018 08:43

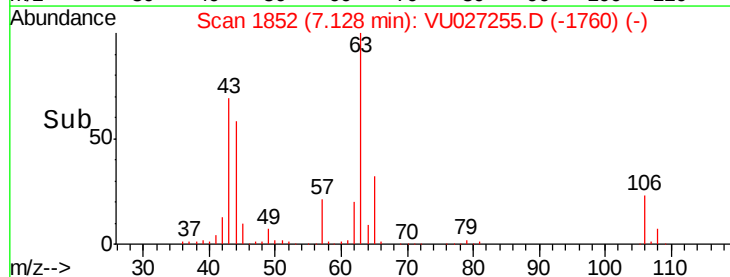
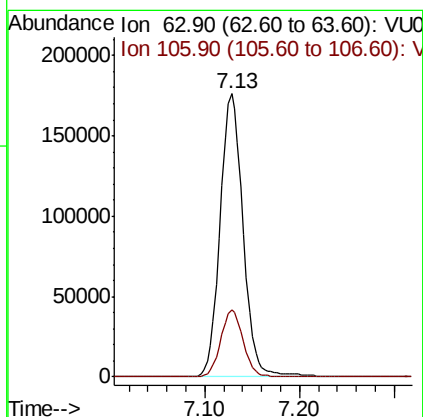
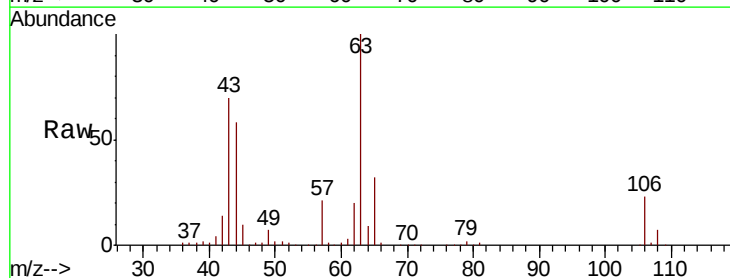
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

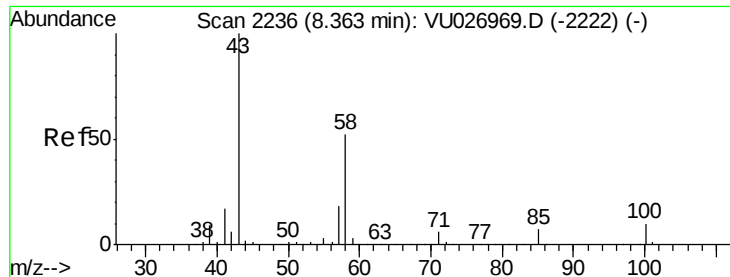
Tot Ion: 76 Resp: 130202
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.5 38.3#



#58
 2-Chloroethyl Vinyl ether
 Concen: 216.975 ug/l
 RT: 7.13 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VU027255.D
 Acq: 28 Sep 2018 08:43

Tgt Ion: 63 Resp: 297947
 Ion Ratio Lower Upper
 63 100
 106 23.2 18.7 28.1

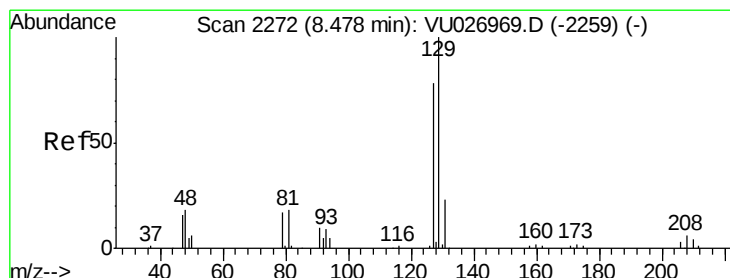
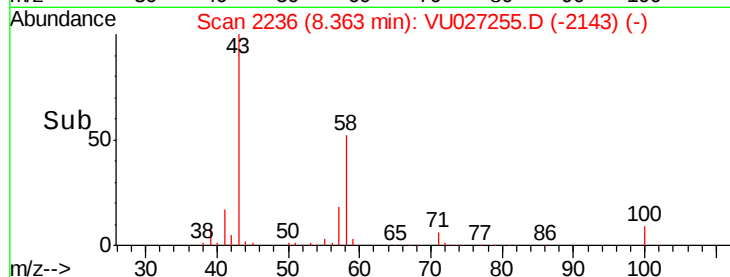
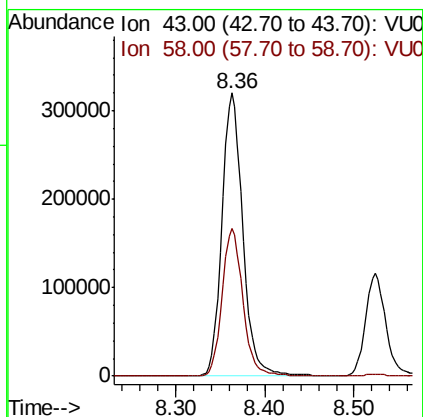
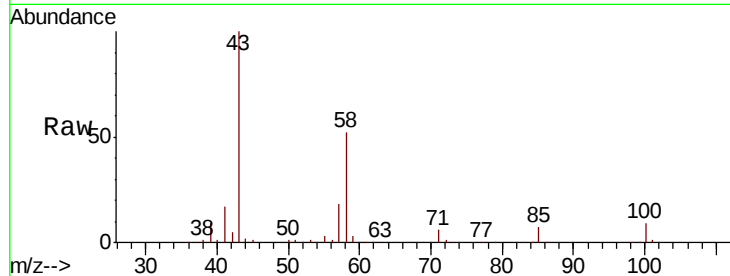




#59
2-Hexanone
Concen: 264.203 ug/l
RT: 8.36 min Scan# 2236
Delta R.T. 0.00 min
Lab File: VU027255.D
Acq: 28 Sep 2018 08:43

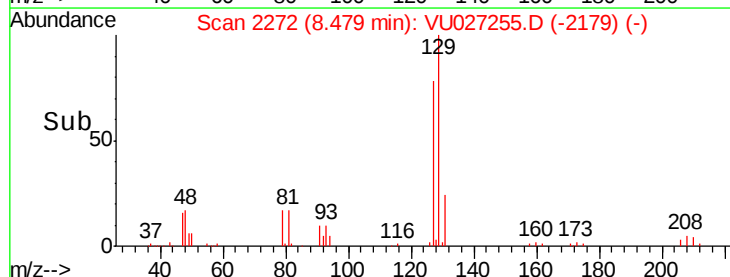
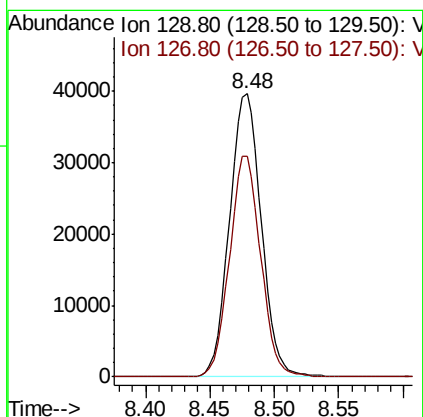
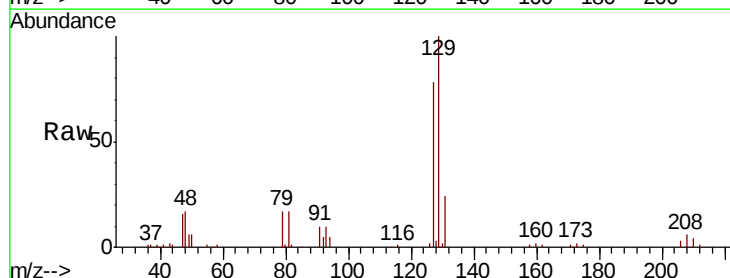
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

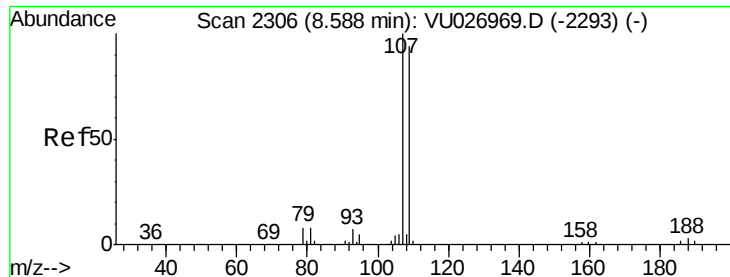
Tot Ion: 43 Resp: 520222
Ion Ratio Lower Upper
43 100
58 51.8 26.1 78.2



#60
Dibromochloromethane
Concen: 49.489 ug/l
RT: 8.48 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VU027255.D
Acq: 28 Sep 2018 08:43

Tgt Ion: 129 Resp: 67900
Ion Ratio Lower Upper
129 100
127 76.6 38.1 114.5

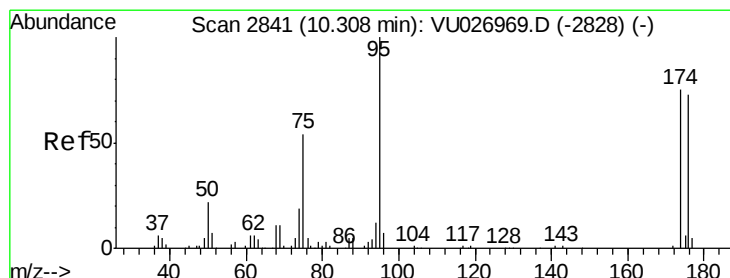
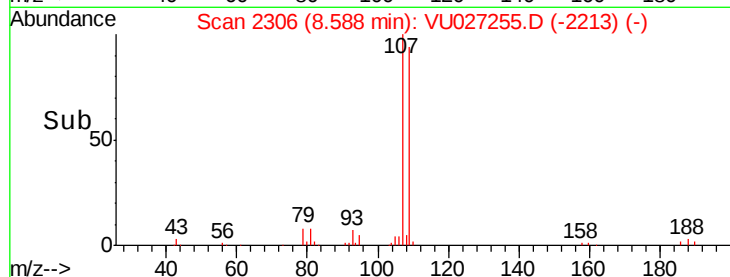
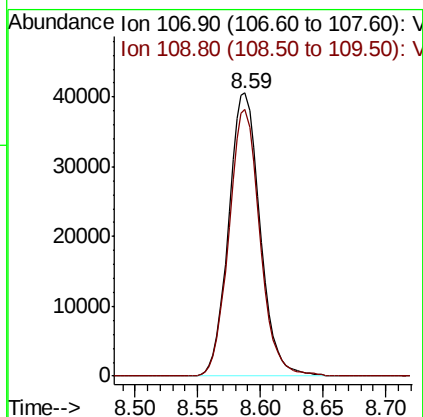
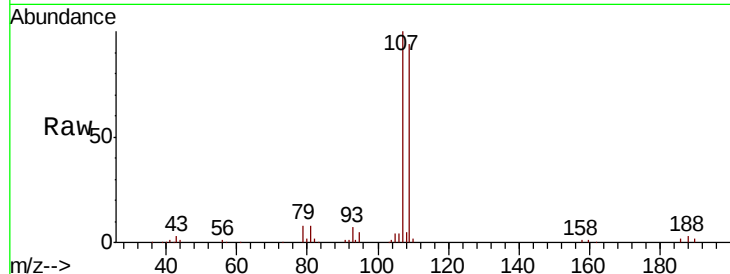




#61
 1,2-Dibromoethane
 Concen: 48.600 ug/l
 RT: 8.59 min Scan# 2306
 Delta R.T. 0.00 min
 Lab File: VU027255.D
 Acq: 28 Sep 2018 08:43

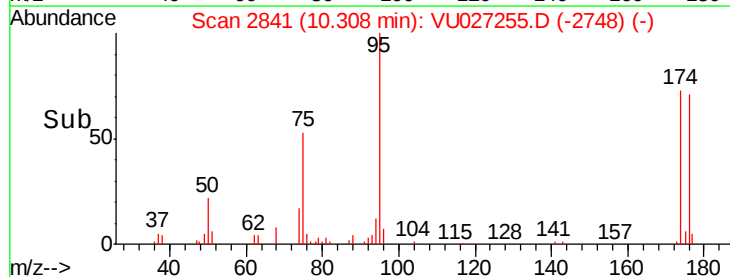
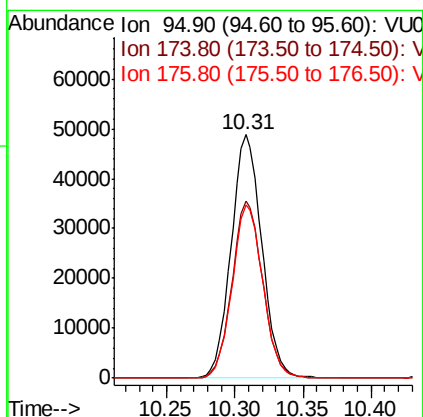
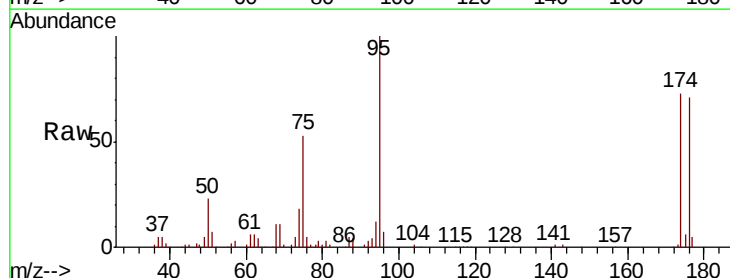
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

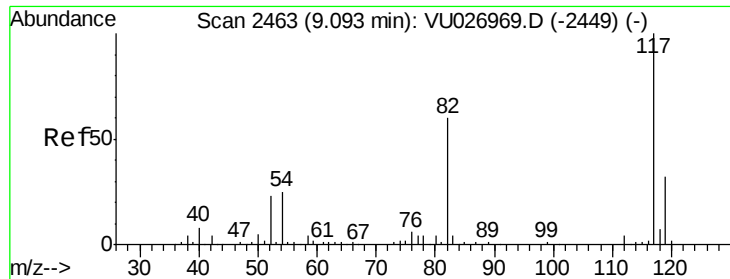
Tot Ion:107 Resp: 70730
 Ion Ratio Lower Upper
 107 100
 109 92.5 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 47.368 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU027255.D
 Acq: 28 Sep 2018 08:43

Tgt Ion: 95 Resp: 76213
 Ion Ratio Lower Upper
 95 100
 174 72.6 0.0 150.2
 176 70.9 0.0 145.2

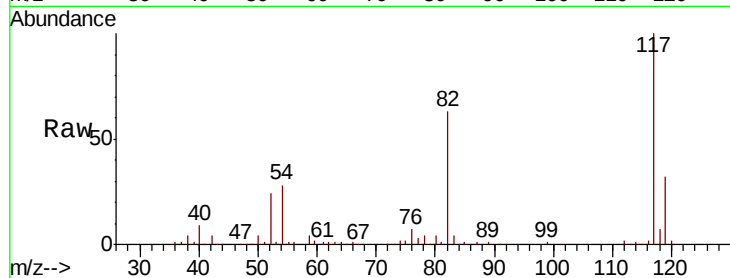




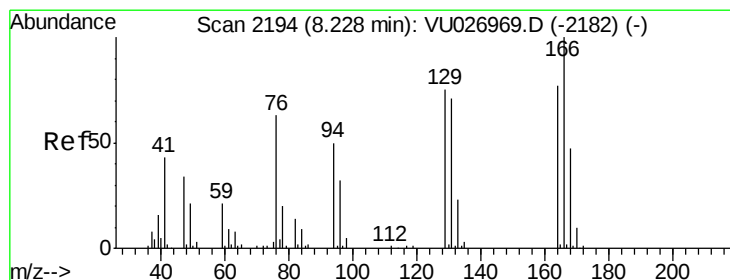
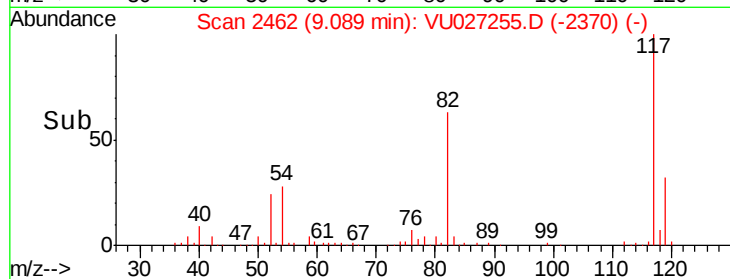
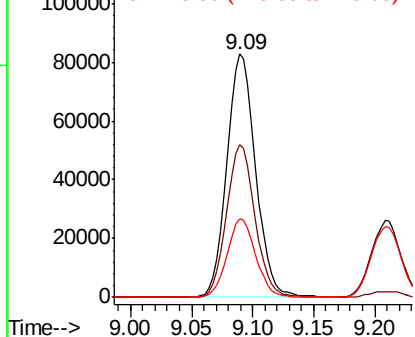
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027255.D
Acq: 28 Sep 2018 08:43

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 136907
Ion Ratio Lower Upper
117 100
82 63.0 48.0 72.0
119 32.3 25.8 38.8



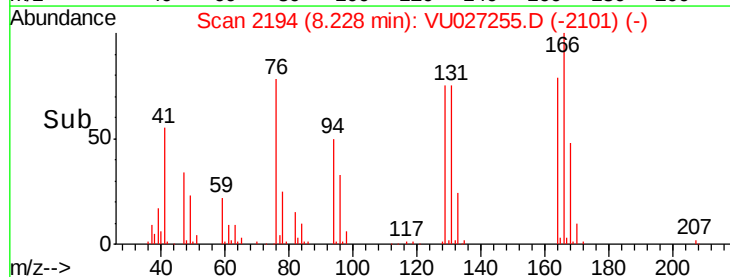
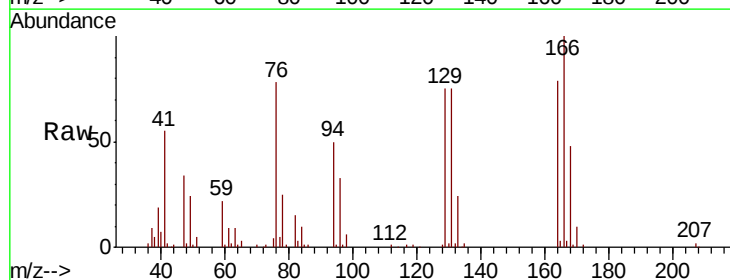
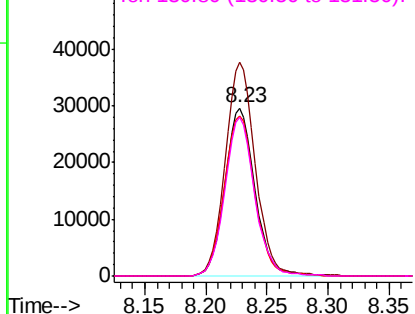
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

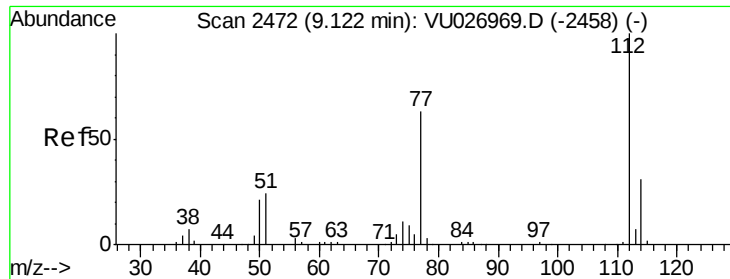


#64
Tetrachloroethene
Concen: 48.374 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027255.D
Acq: 28 Sep 2018 08:43

Tgt Ion:164 Resp: 51033
Ion Ratio Lower Upper
164 100
166 127.3 104.4 156.6
129 95.8 78.7 118.1
131 94.9 73.9 110.9

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

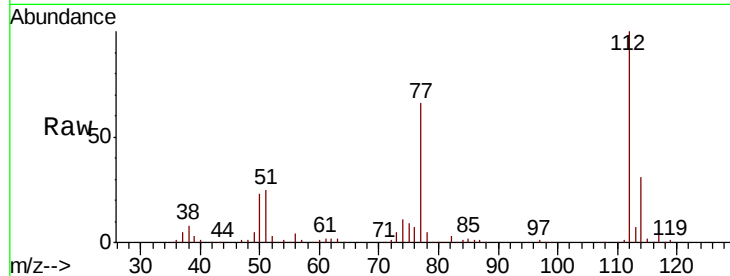




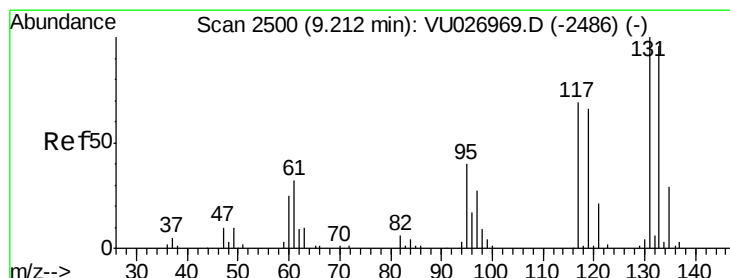
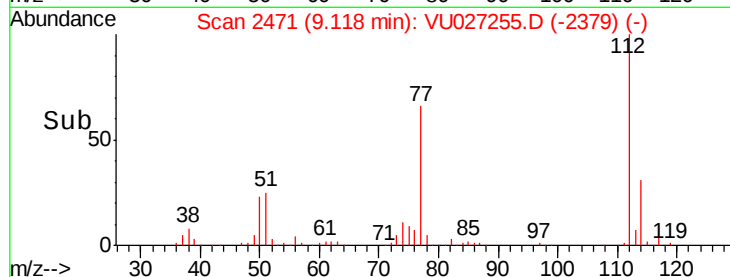
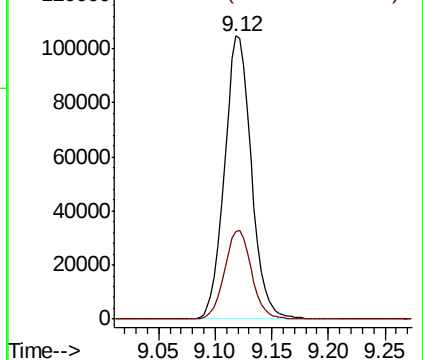
#65
Chlorobenzene
Concen: 47.741 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU027255.D
Acq: 28 Sep 2018 08:43

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 173303
Ion Ratio Lower Upper
112 100
114 31.1 25.0 37.6

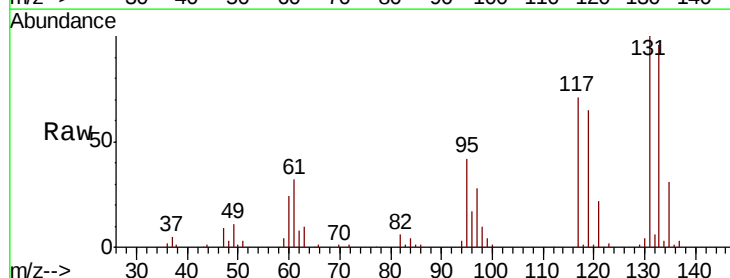


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

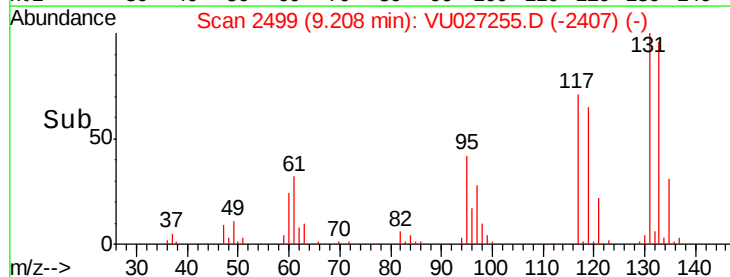
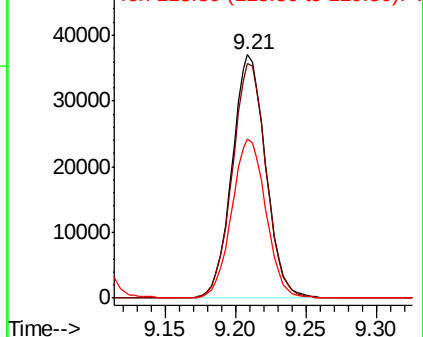


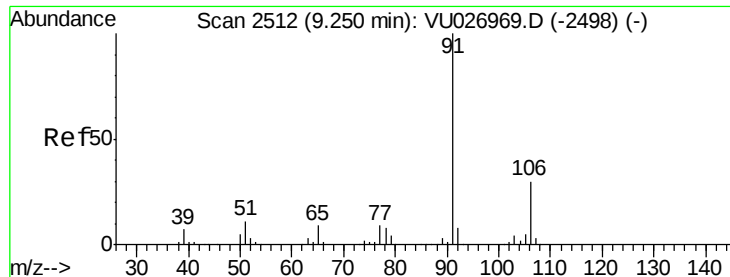
#66
1,1,1,2-Tetrachloroethane
Concen: 49.499 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VU027255.D
Acq: 28 Sep 2018 08:43

Tgt Ion:131 Resp: 61890
Ion Ratio Lower Upper
131 100
133 96.9 48.0 144.2
119 66.2 33.4 100.1



Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V

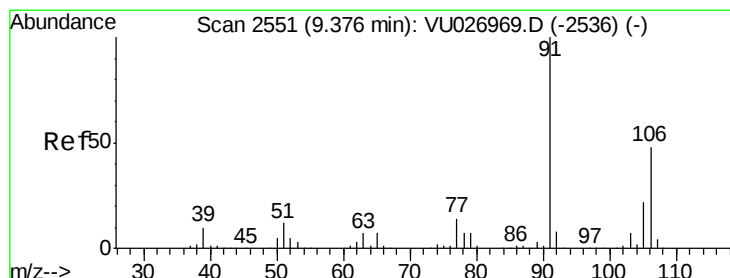
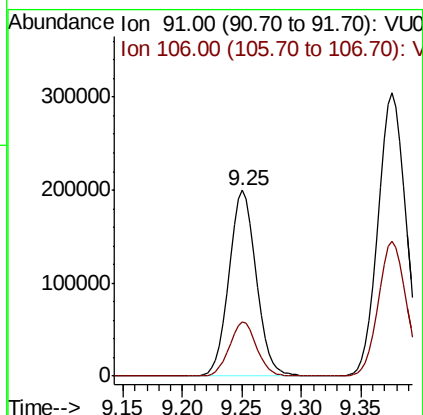
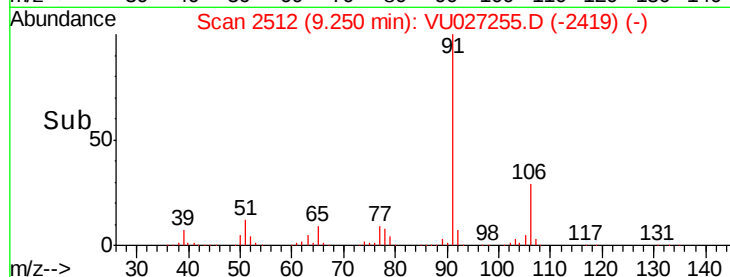
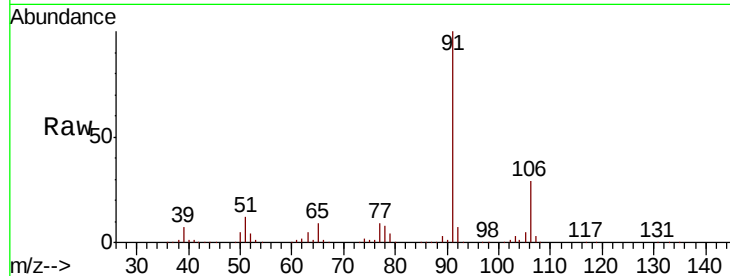




#67
Ethyl Benzene
Concen: 53.153 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU027255.D
Acq: 28 Sep 2018 08:43

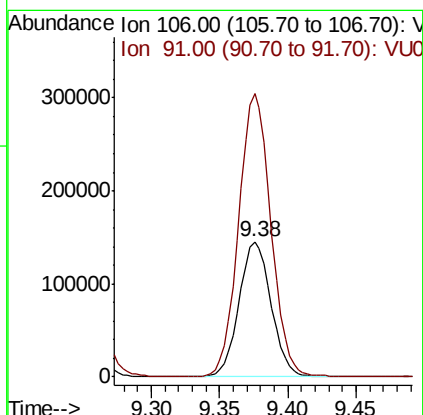
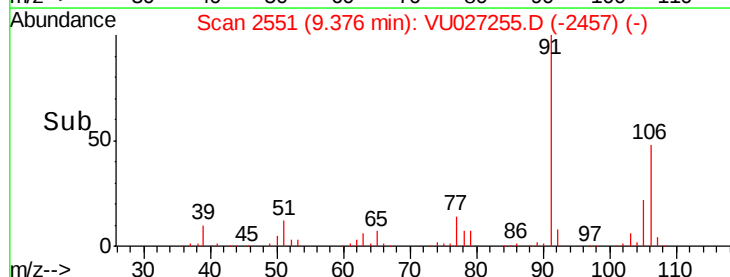
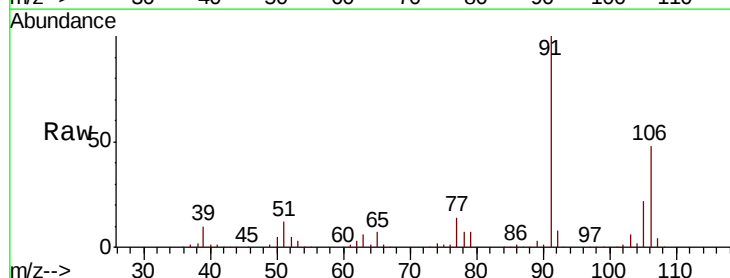
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

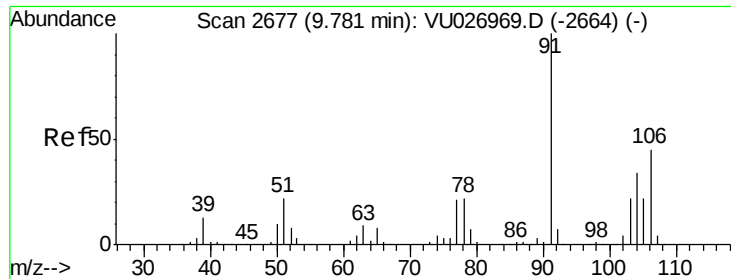
Tot Ion: 91 Resp: 317284
Ion Ratio Lower Upper
91 100
106 29.5 23.8 35.8



#68
m/p-Xylenes
Concen: 98.383 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027255.D
Acq: 28 Sep 2018 08:43

Tgt Ion: 106 Resp: 237779
Ion Ratio Lower Upper
106 100
91 210.5 166.5 249.7

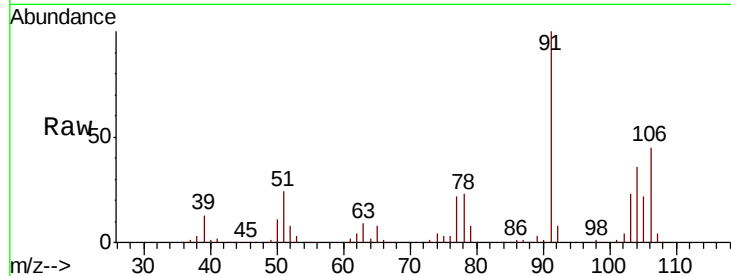




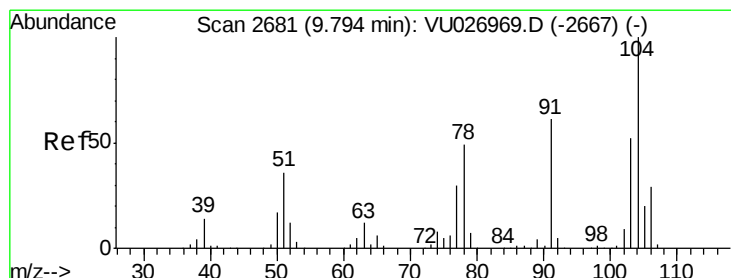
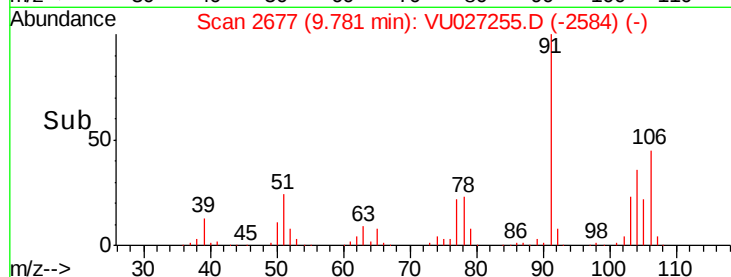
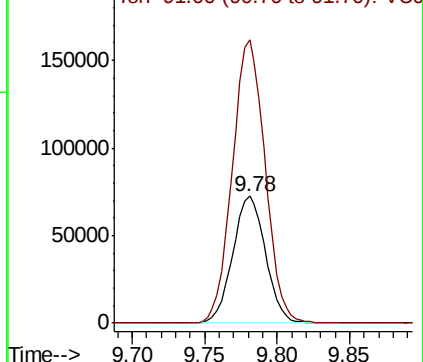
#69
o-Xylene
Concen: 53.566 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027255.D
Acq: 28 Sep 2018 08:43

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 113291
Ion Ratio Lower Upper
106 100
91 224.0 110.2 330.6

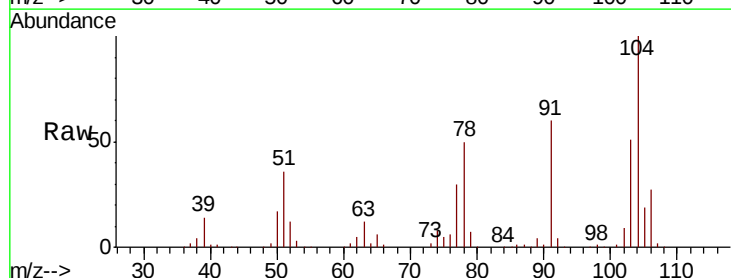


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

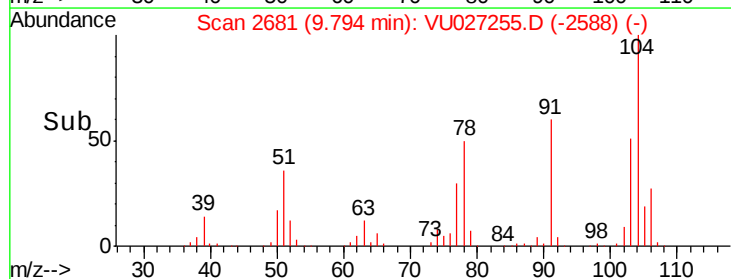
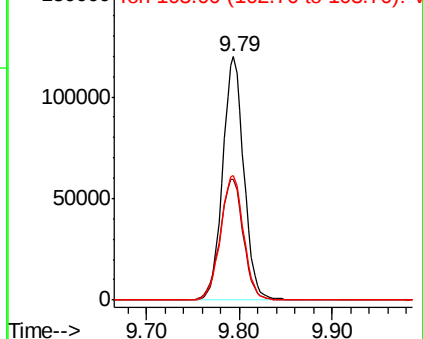


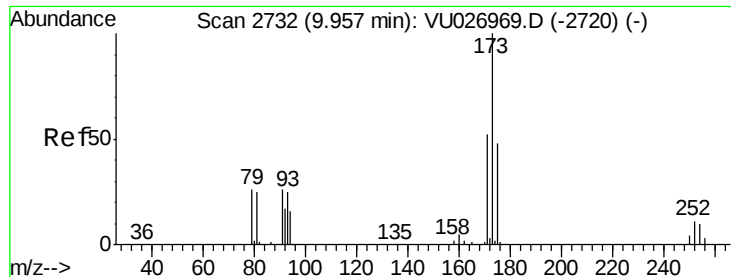
#70
Styrene
Concen: 47.966 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027255.D
Acq: 28 Sep 2018 08:43

Tgt Ion:104 Resp: 189120
Ion Ratio Lower Upper
104 100
78 54.8 43.0 64.4
103 55.8 44.1 66.1



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 50.829 ug/l

RT: 9.96 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VU027255.D

Acq: 28 Sep 2018 08:43

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

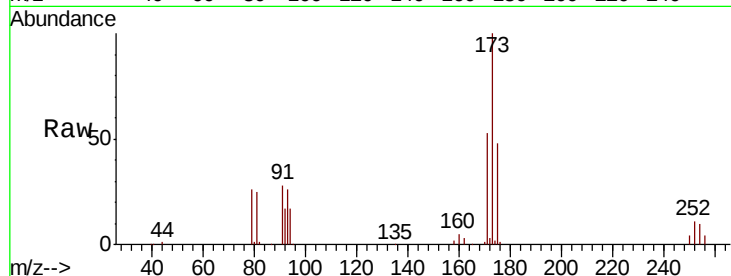
Tot Ion:173 Resp: 49146

Ion Ratio Lower Upper

173 100

175 48.7 23.9 71.8

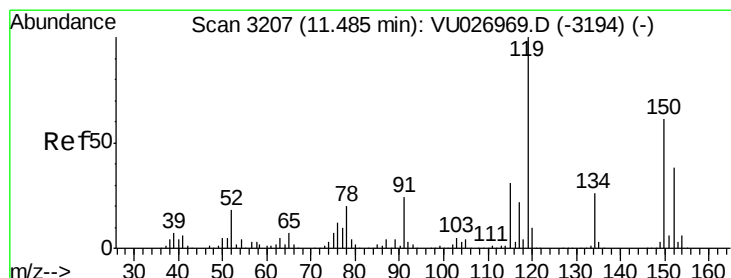
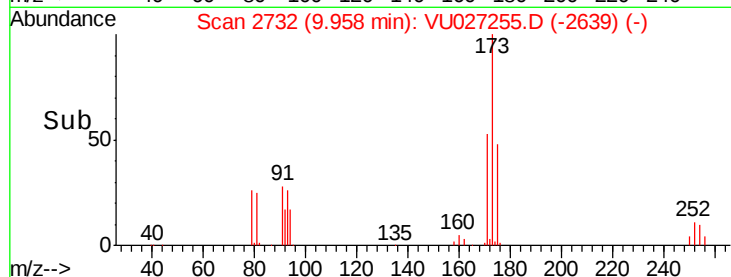
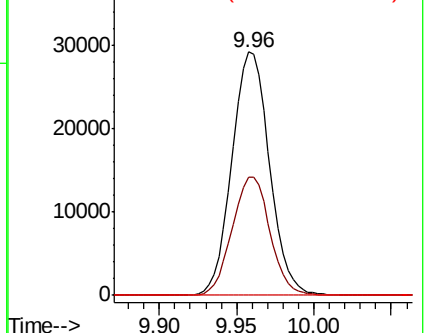
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU027255.D

Acq: 28 Sep 2018 08:43

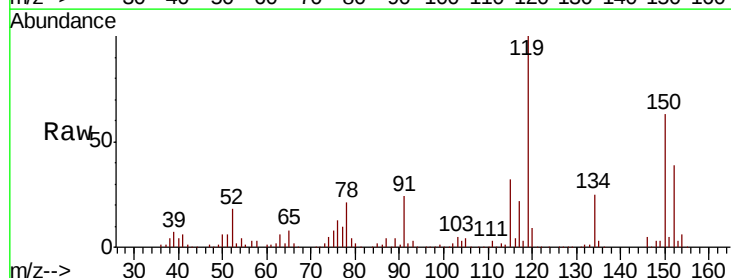
Tgt Ion:152 Resp: 75734

Ion Ratio Lower Upper

152 100

115 88.8 44.9 134.5

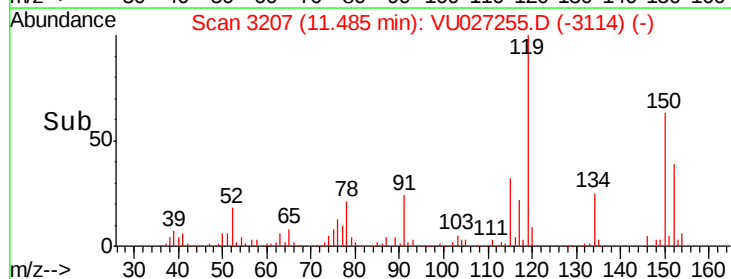
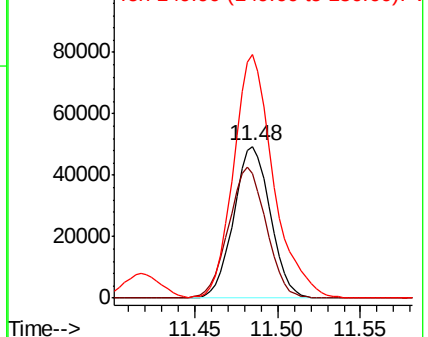
150 175.2 0.0 355.8

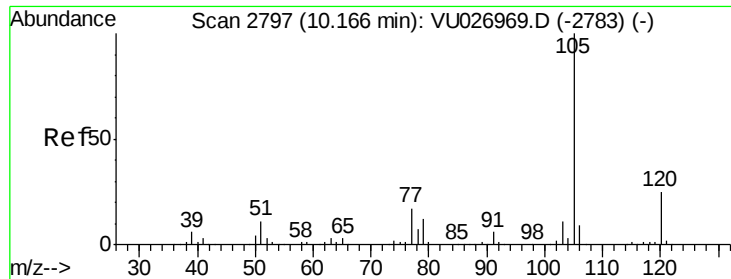


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.800 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027255.D

Acq: 28 Sep 2018 08:43

Instrument :

MSVOA_U

ClientSampleId :

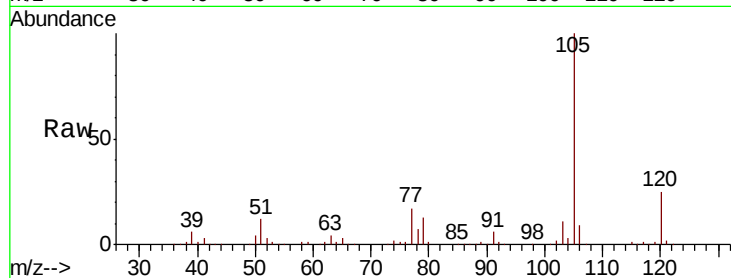
VSTDCCC050

Tot Ion:105 Resp: 309944

Ion Ratio Lower Upper

105 100

120 25.3 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

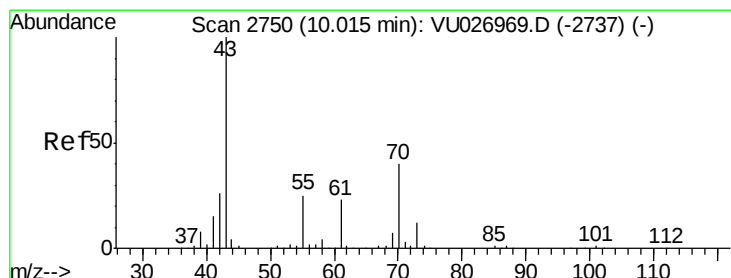
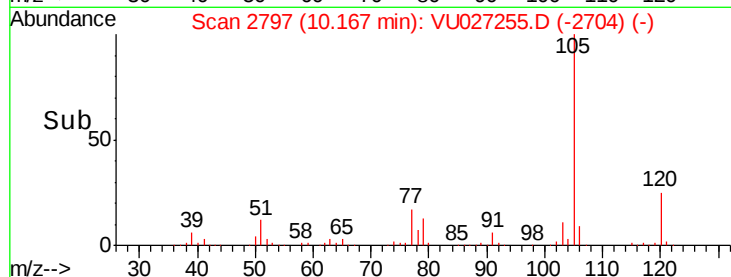
150000

100000

50000

0

Time--> 10.10 10.20



#74

N-ethyl acetate

Concen: 53.966 ug/l

RT: 10.02 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VU027255.D

Acq: 28 Sep 2018 08:43

Tgt Ion: 43 Resp: 179962

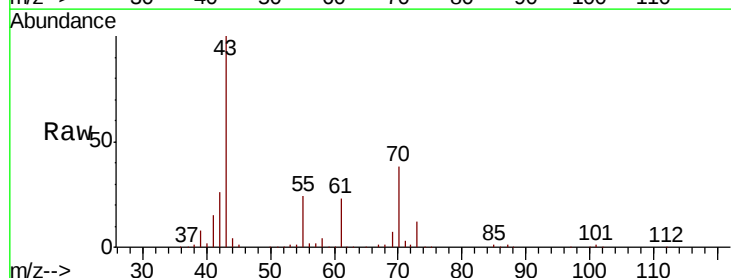
Ion Ratio Lower Upper

43 100

70 38.4 31.8 47.8

55 24.4 19.9 29.9

61 22.7 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

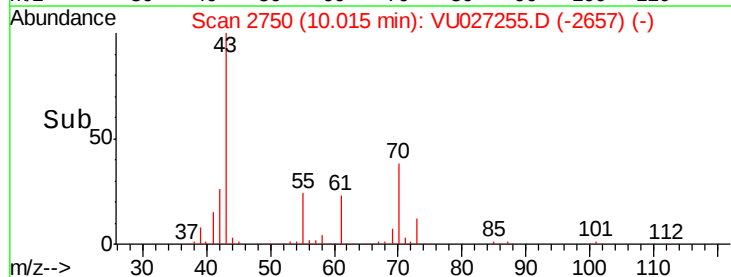
150000

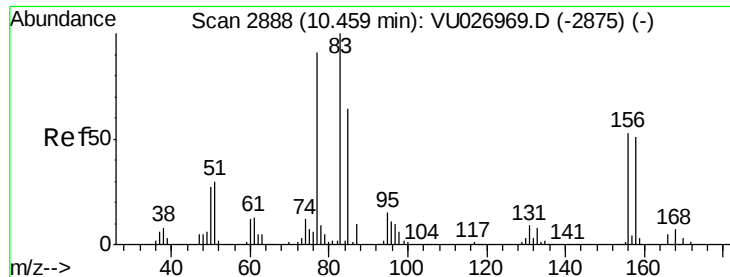
100000

50000

0

Time--> 10.00 10.10





#75

1,1,2,2-Tetrachloroethane

Concen: 44.586 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. 0.00 min

Lab File: VU027255.D

Acq: 28 Sep 2018 08:43

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

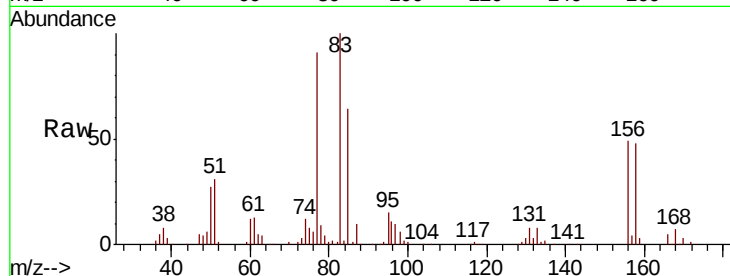
Tot Ion: 83 Resp: 118098

Ion Ratio Lower Upper

83 100

131 8.4 4.3 12.8

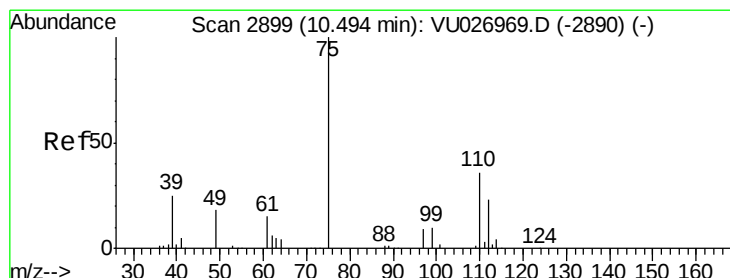
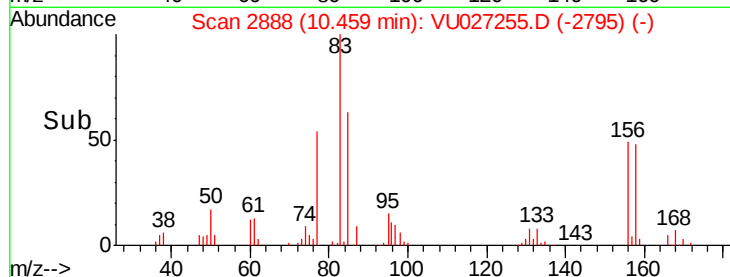
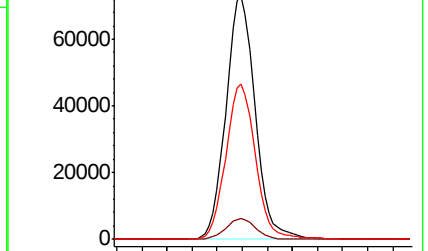
85 64.6 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VU027255.D (-2795) (-)

Ion 130.80 (130.50 to 131.50): VU027255.D (-2806) (-)

Ion 84.90 (84.60 to 85.60): VU027255.D (-2806) (-)



#76

1,2,3-Trichloropropane

Concen: 61.203 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. 0.00 min

Lab File: VU027255.D

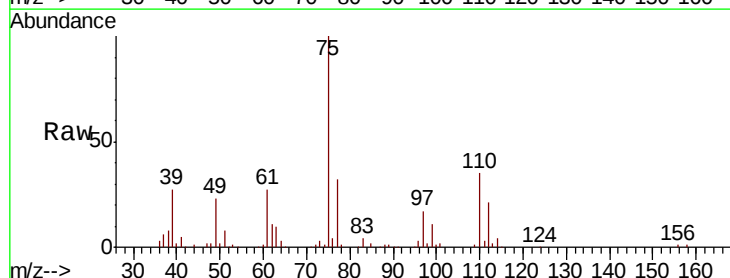
Acq: 28 Sep 2018 08:43

Tgt Ion: 75 Resp: 140815

Ion Ratio Lower Upper

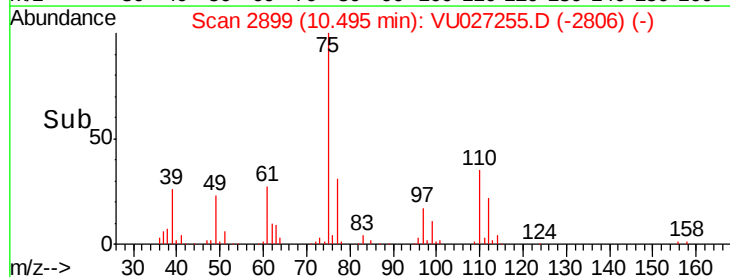
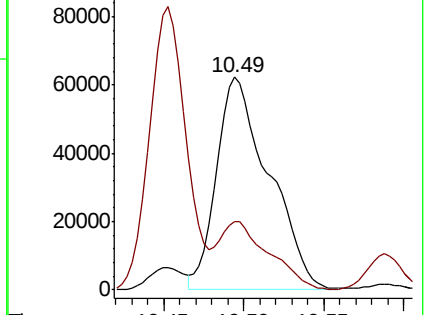
75 100

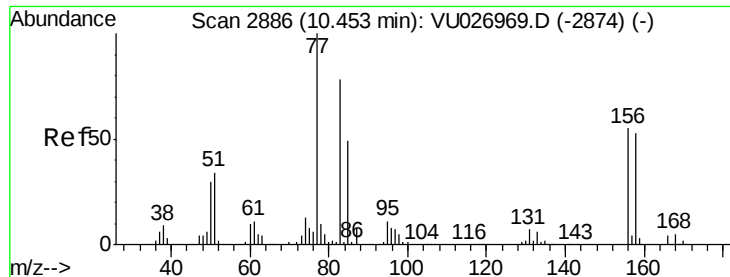
77 29.3 20.9 62.8



Abundance Ion 74.90 (74.60 to 75.60): VU027255.D (-2806) (-)

Ion 77.00 (76.70 to 77.70): VU027255.D (-2806) (-)





#77

Bromobenzene

Concen: 48.399 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. 0.00 min

Lab File: VU027255.D

Acq: 28 Sep 2018 08:43

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

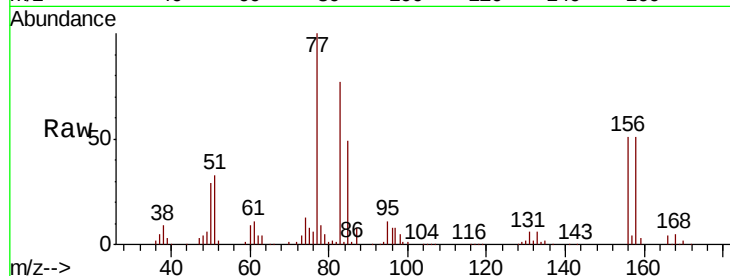
Tot Ion:156 Resp: 68137

Ion Ratio Lower Upper

156 100

77 195.7 92.3 276.9

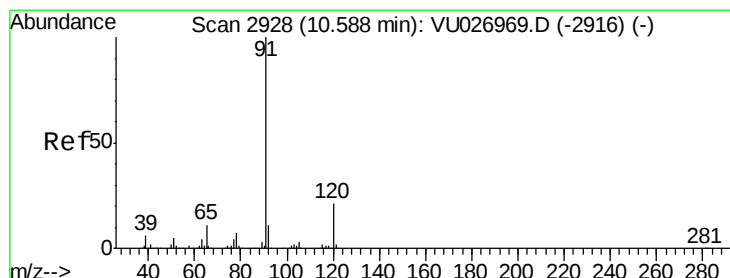
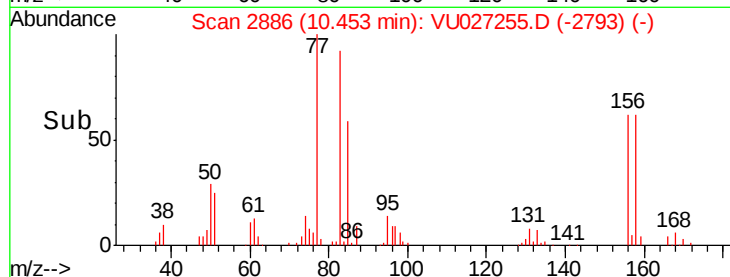
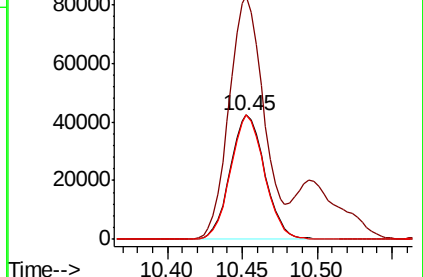
158 98.2 48.1 144.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 55.391 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU027255.D

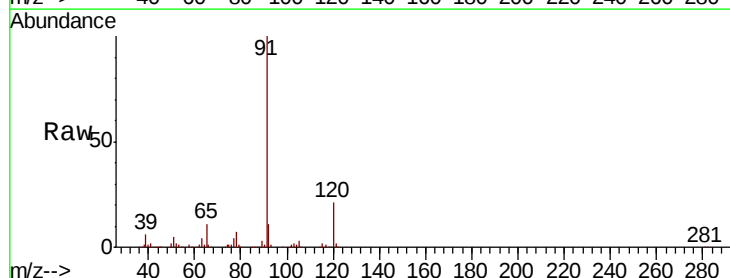
Acq: 28 Sep 2018 08:43

Tgt Ion: 91 Resp: 377581

Ion Ratio Lower Upper

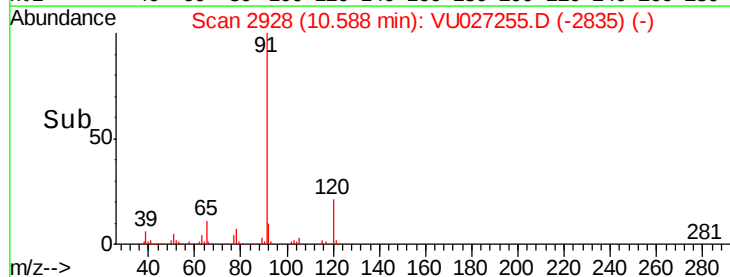
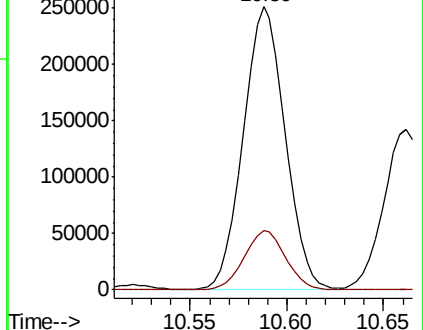
91 100

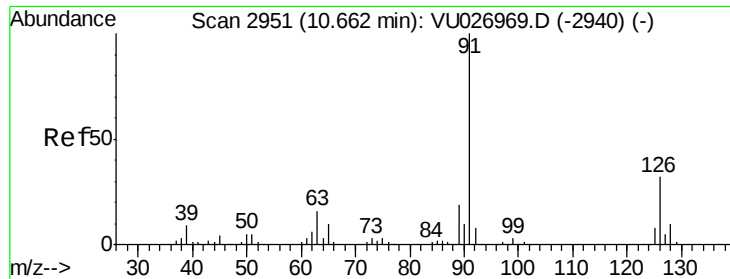
120 20.8 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

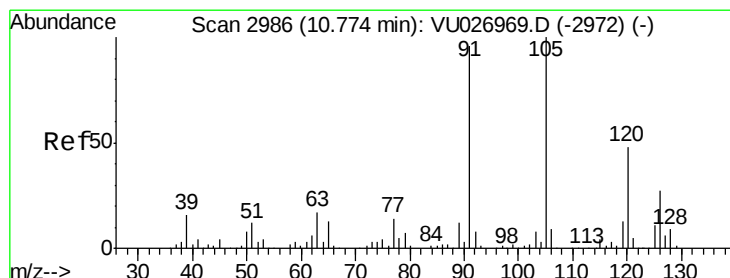
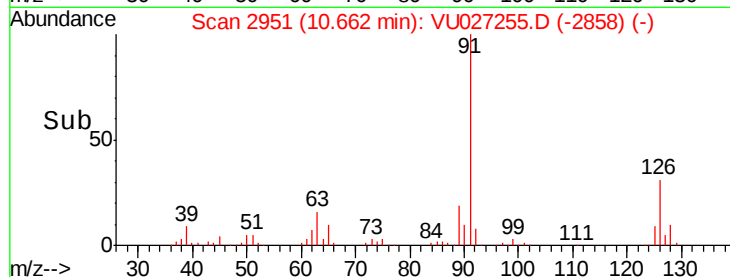
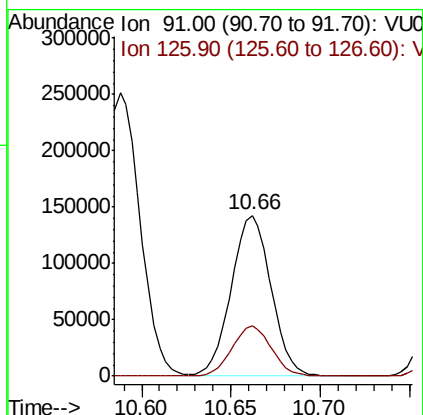
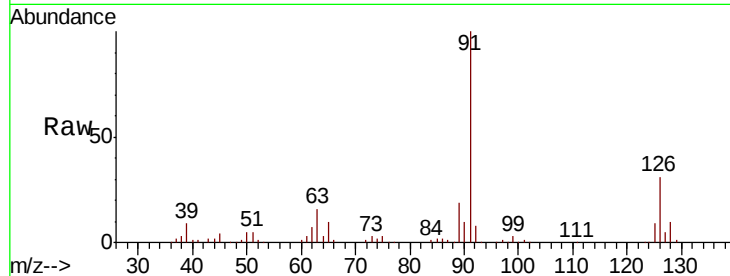




#79
 2-Chlorotoluene
 Concen: 51.494 ug/l
 RT: 10.66 min Scan# 2951
 Delta R.T. 0.00 min
 Lab File: VU027255.D
 Acq: 28 Sep 2018 08:43

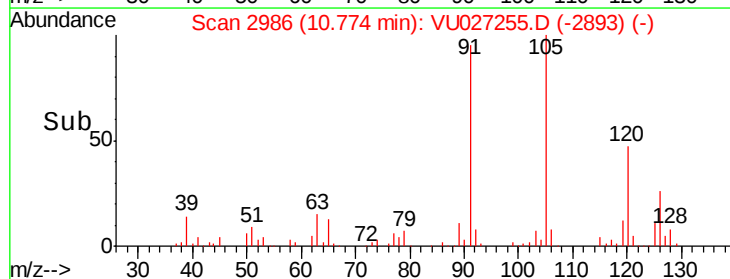
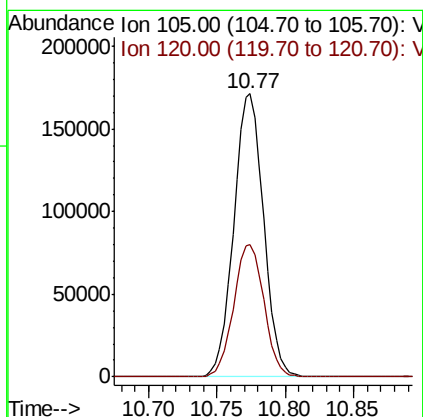
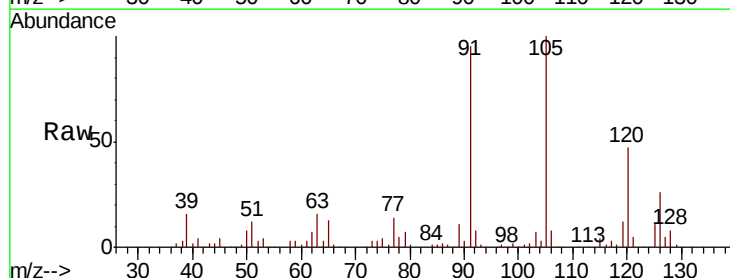
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

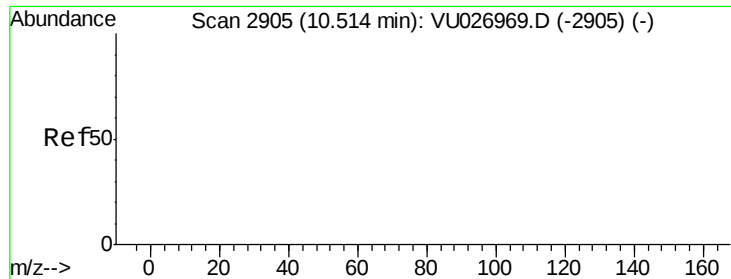
Tot Ion: 91 Resp: 220481
 Ion Ratio Lower Upper
 91 100
 126 31.2 15.8 47.3



#80
 1,3,5-Trimethylbenzene
 Concen: 54.559 ug/l
 RT: 10.77 min Scan# 2986
 Delta R.T. 0.00 min
 Lab File: VU027255.D
 Acq: 28 Sep 2018 08:43

Tgt Ion: 105 Resp: 259458
 Ion Ratio Lower Upper
 105 100
 120 47.7 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 195.861 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.02 min

Lab File: VU027255.D

Acq: 28 Sep 2018 08:43

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

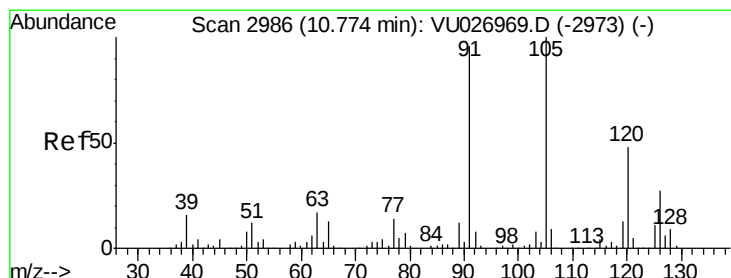
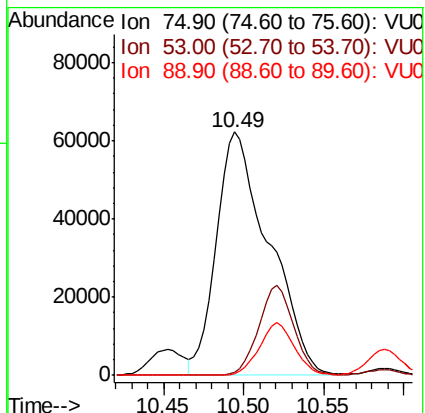
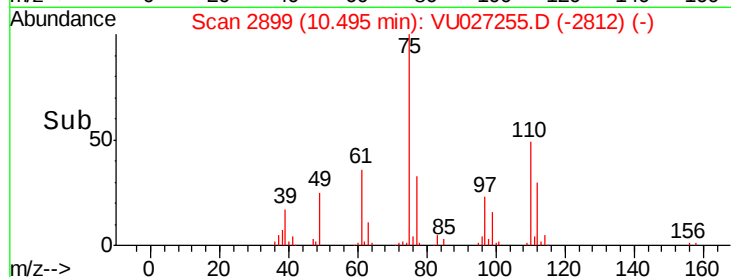
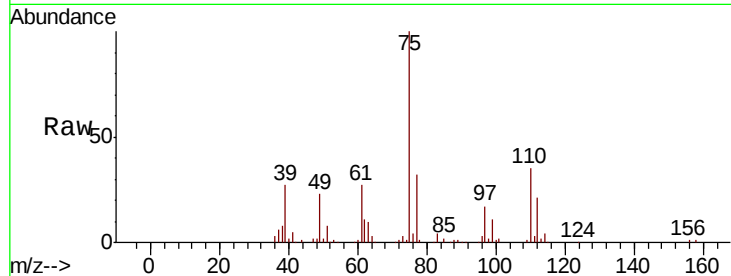
Tot Ion: 75 Resp: 140815

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0



#82

4-Chlorotoluene

Concen: 53.324 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU027255.D

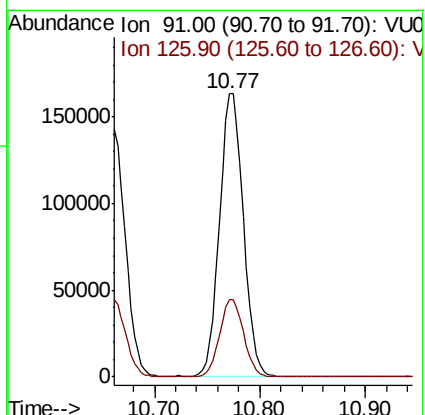
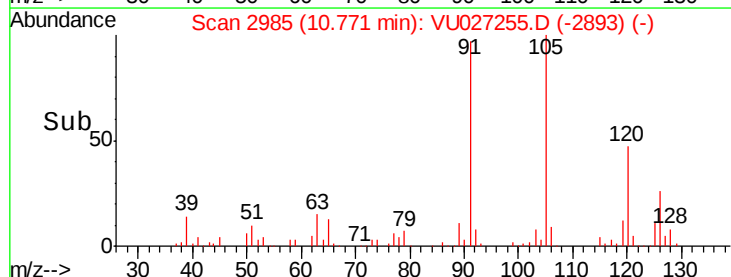
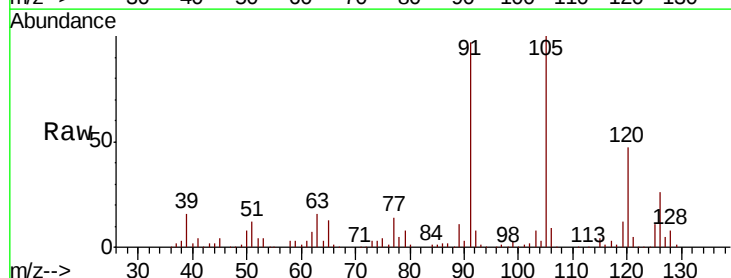
Acq: 28 Sep 2018 08:43

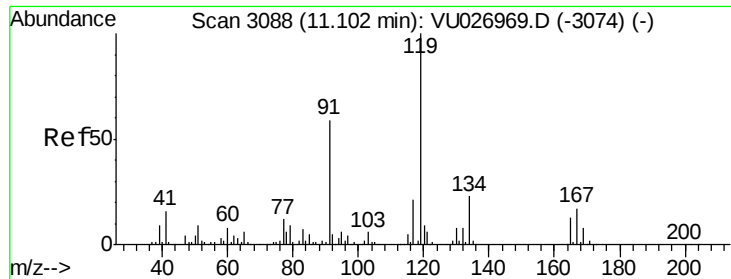
Tgt Ion: 91 Resp: 256008

Ion Ratio Lower Upper

91 100

126 27.4 14.1 42.2

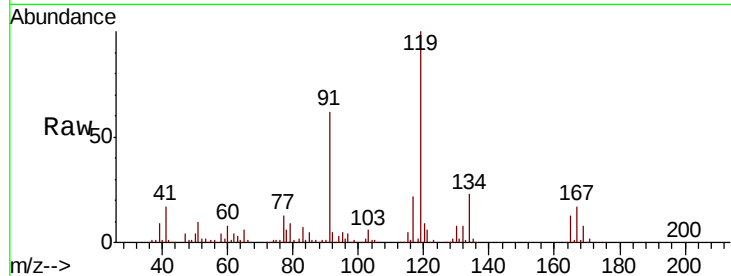




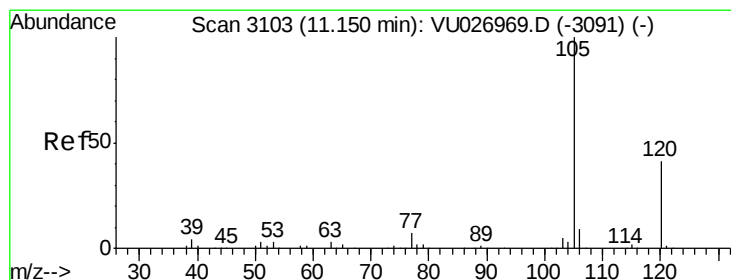
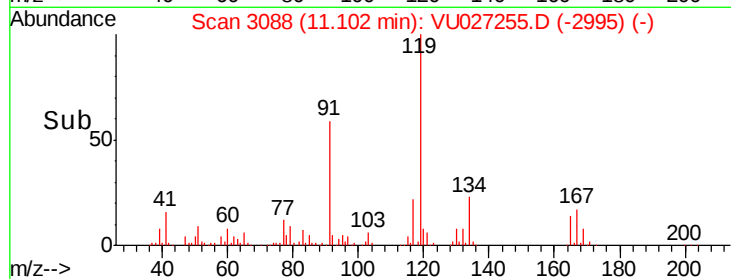
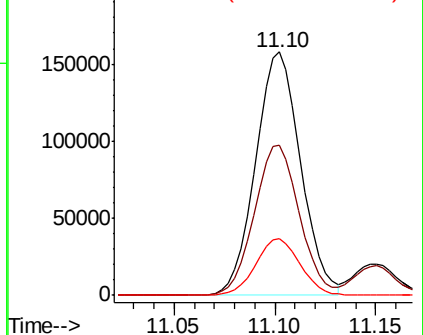
#83
 tert-Butylbenzene
 Concen: 52.241 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. 0.00 min
 Lab File: VU027255.D
 Acq: 28 Sep 2018 08:43

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion:119 Resp: 245620
 Ion Ratio Lower Upper
 119 100
 91 61.5 29.8 89.4
 134 22.8 11.5 34.4

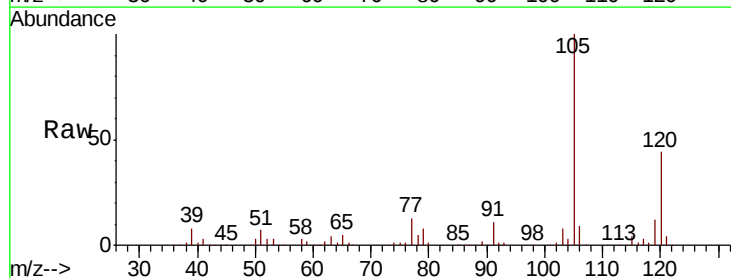


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

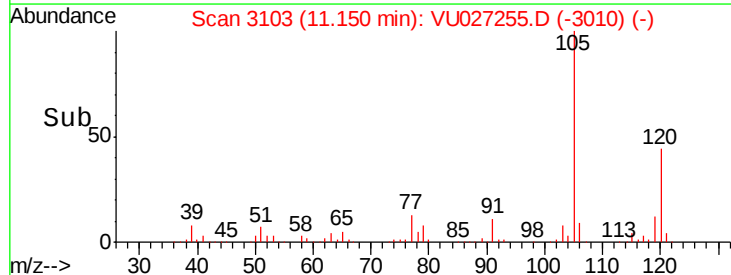
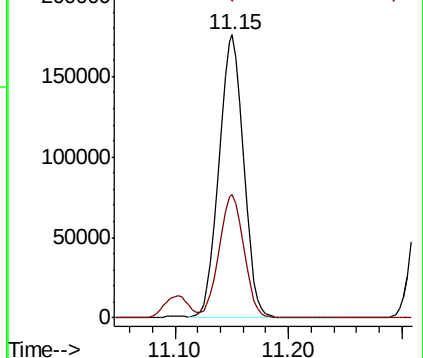


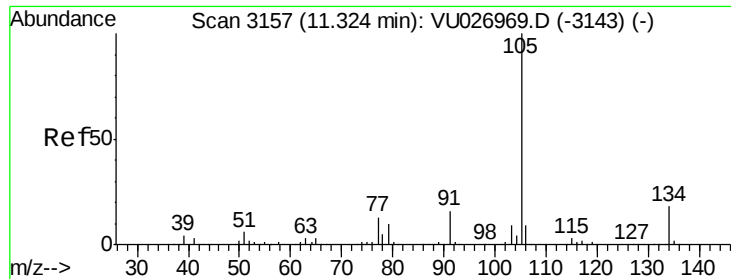
#84
 1,2,4-Trimethylbenzene
 Concen: 55.139 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. 0.00 min
 Lab File: VU027255.D
 Acq: 28 Sep 2018 08:43

Tgt Ion:105 Resp: 266855
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.4 67.2



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

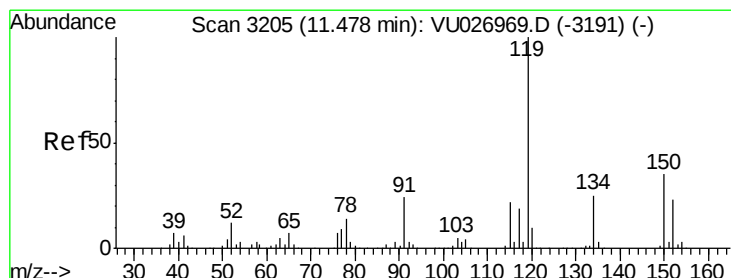
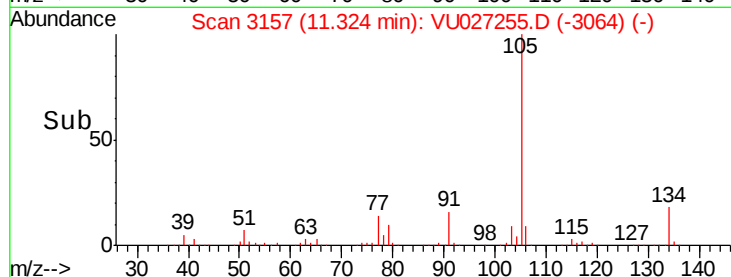
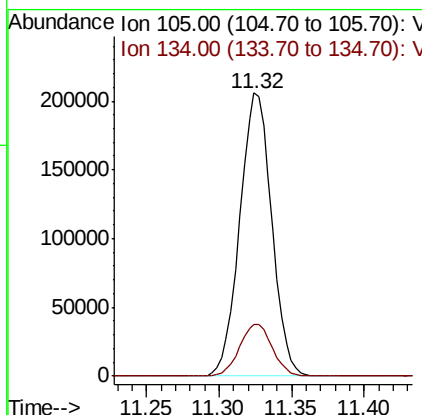
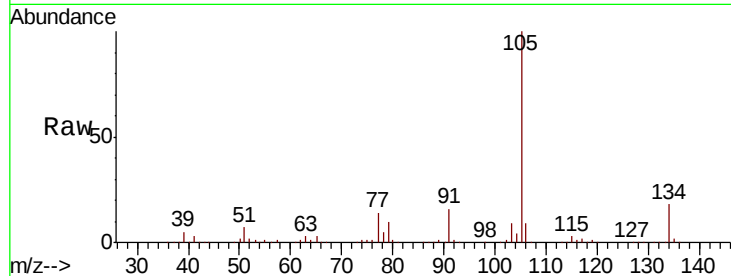




#85
 sec-Butylbenzene
 Concen: 54.872 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU027255.D
 Acq: 28 Sep 2018 08:43

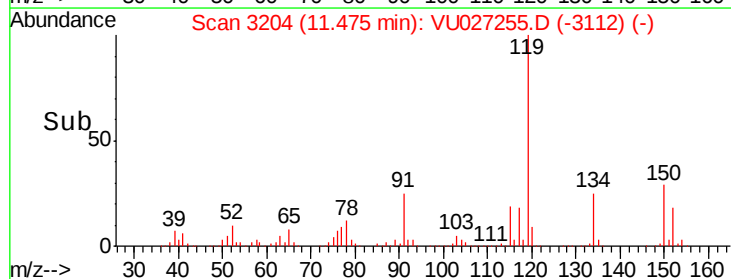
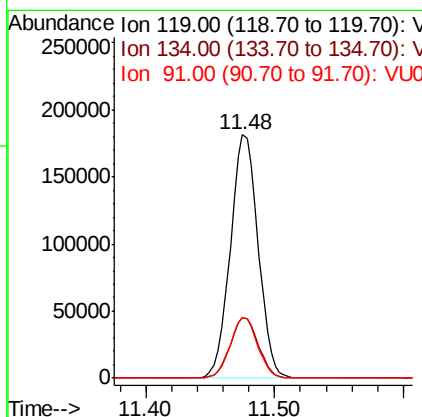
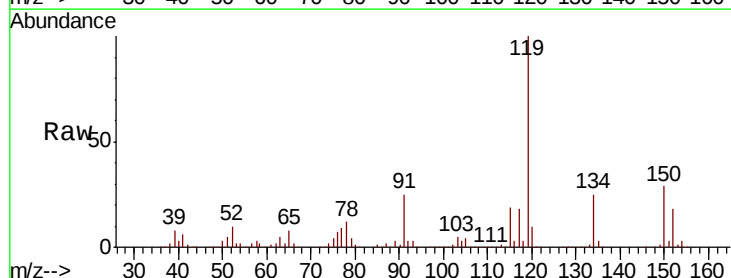
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

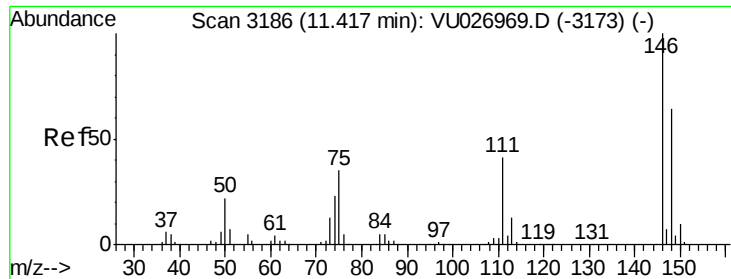
Tot Ion:105 Resp: 314926
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.4 28.2



#86
 p-Isopropyltoluene
 Concen: 50.284 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. -0.00 min
 Lab File: VU027255.D
 Acq: 28 Sep 2018 08:43

Tgt Ion:119 Resp: 270826
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.8 38.3
 91 24.9 12.3 36.8

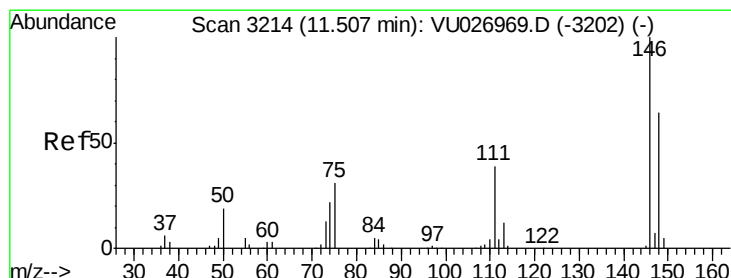
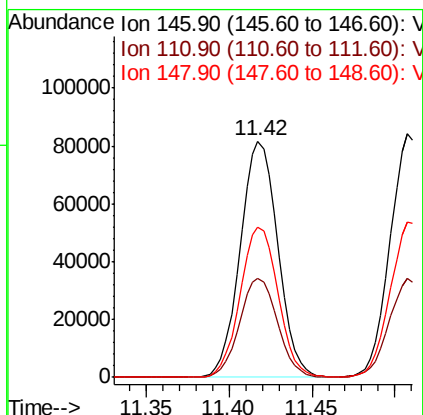
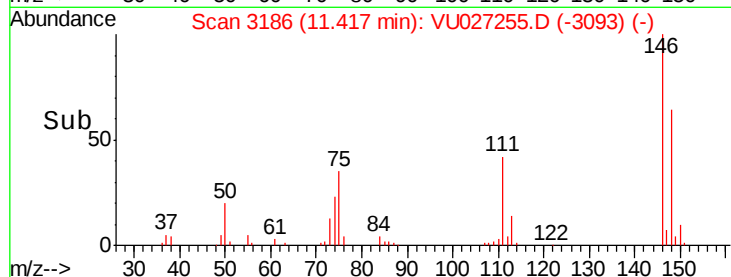
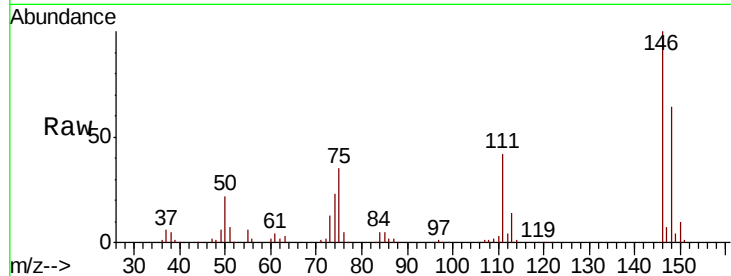




#87
 1,3-Dichlorobenzene
 Concen: 49.312 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: VU027255.D
 Acq: 28 Sep 2018 08:43

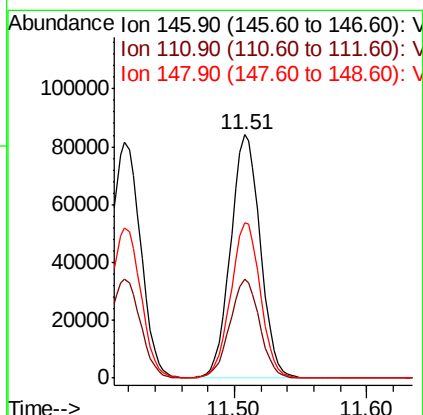
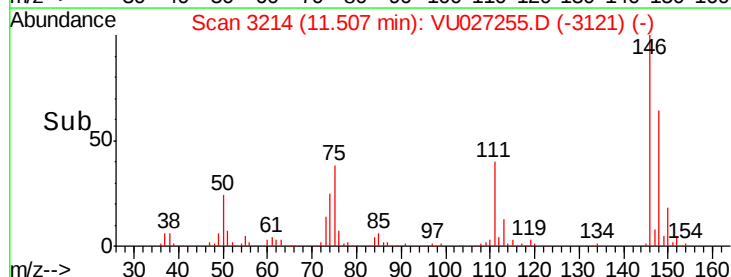
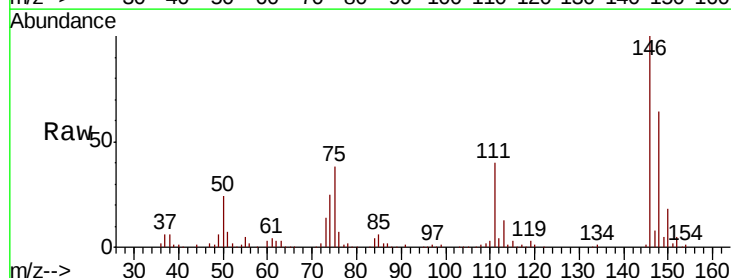
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

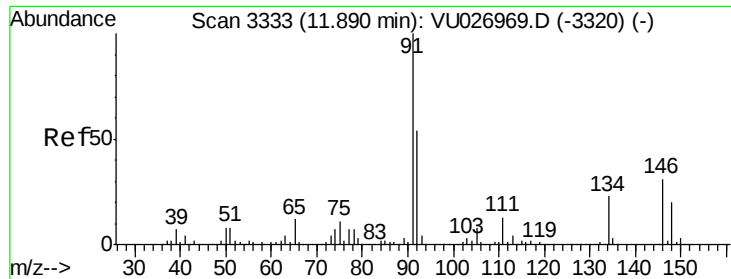
Tot Ion:146 Resp: 129185
 Ion Ratio Lower Upper
 146 100
 111 42.3 20.8 62.2
 148 64.0 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 45.820 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU027255.D
 Acq: 28 Sep 2018 08:43

Tgt Ion:146 Resp: 130826
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.3 60.9
 148 63.9 31.9 95.9

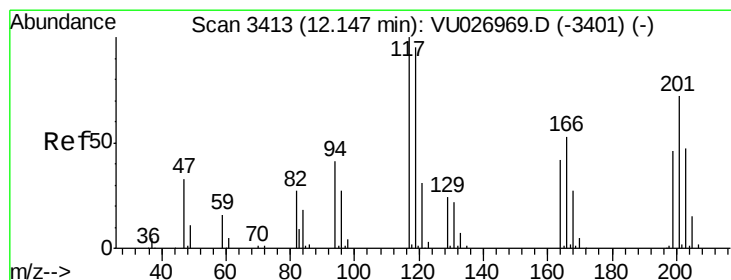
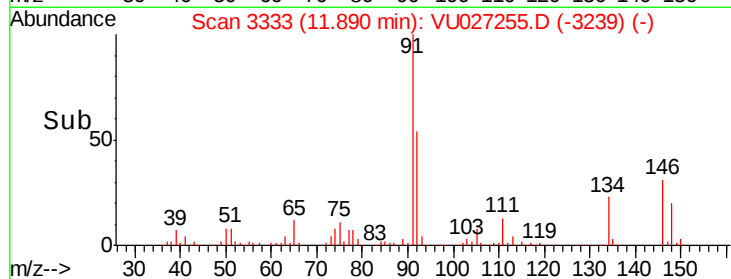
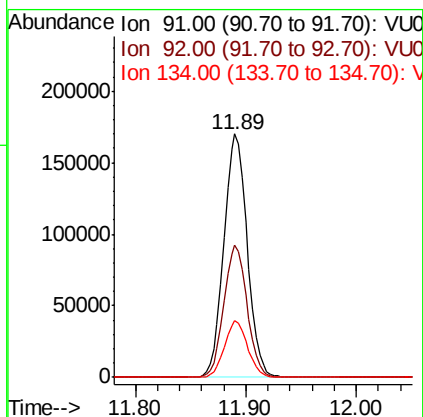
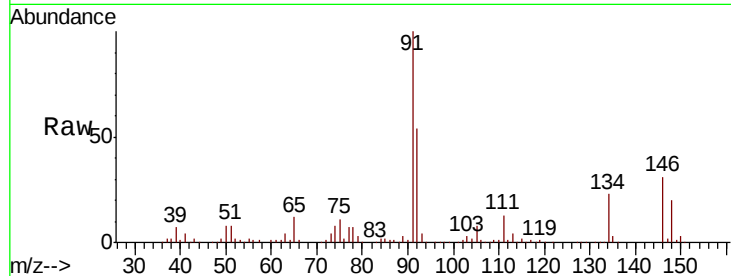




#89
n-Butylbenzene
Concen: 48.025 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VU027255.D
Acq: 28 Sep 2018 08:43

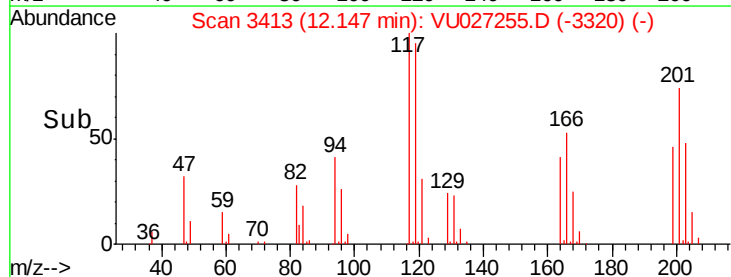
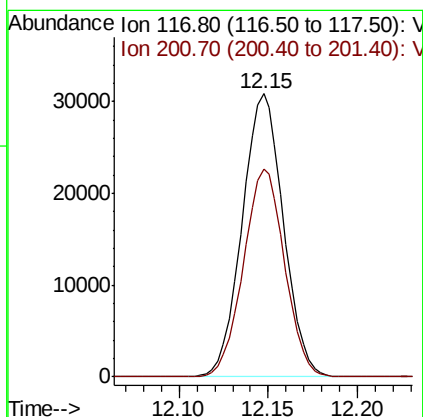
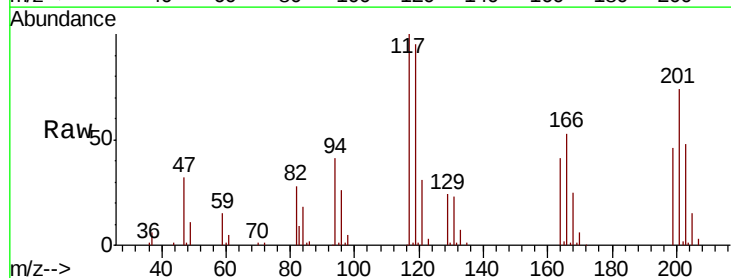
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

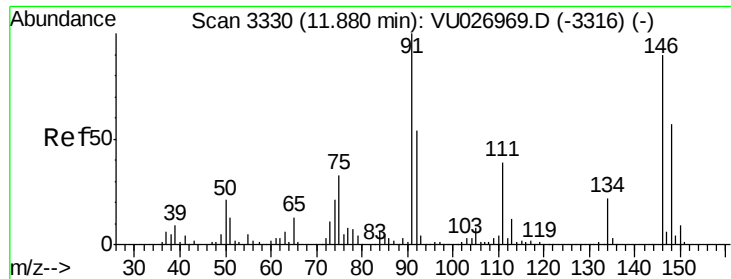
Tot Ion: 91 Resp: 250192
Ion Ratio Lower Upper
91 100
92 53.9 27.1 81.2
134 22.9 11.7 35.0



#90
Hexachloroethane
Concen: 47.740 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VU027255.D
Acq: 28 Sep 2018 08:43

Tgt Ion: 117 Resp: 49825
Ion Ratio Lower Upper
117 100
201 73.1 36.8 110.3

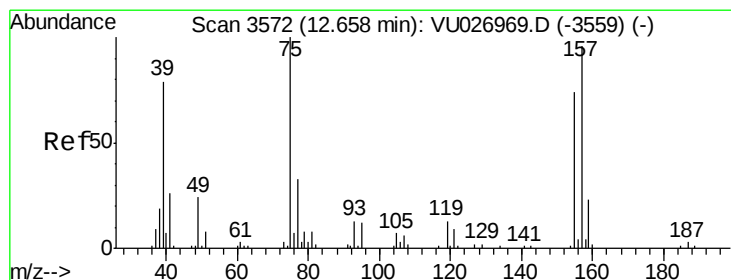
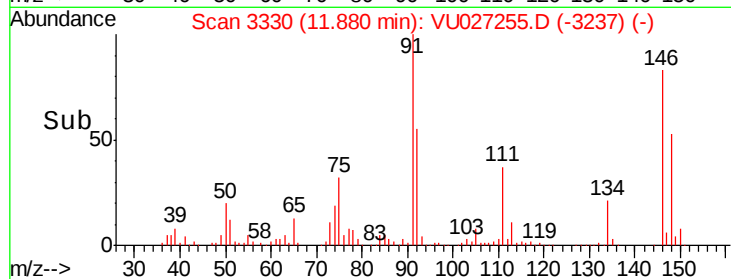
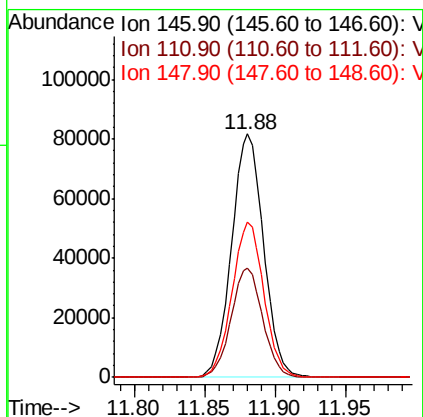
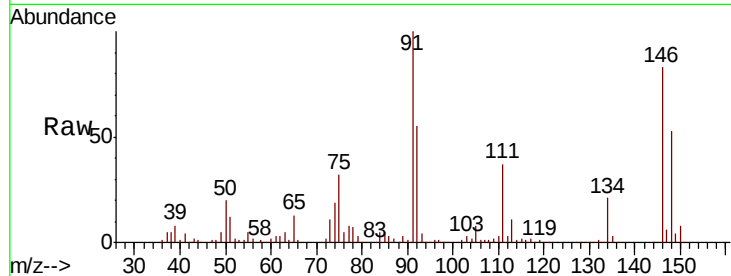




#91
 1,2-Dichlorobenzene
 Concen: 46.576 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU027255.D
 Acq: 28 Sep 2018 08:43

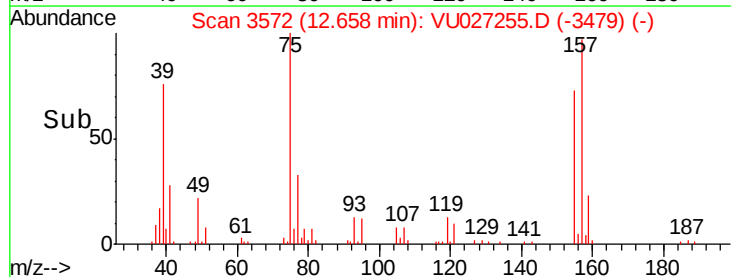
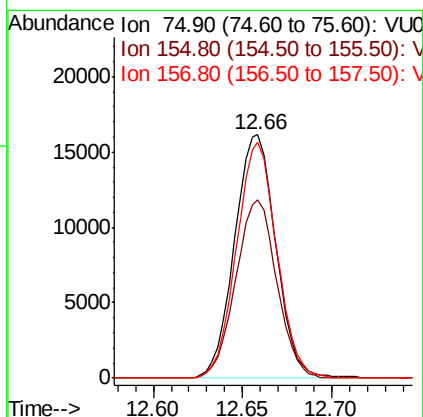
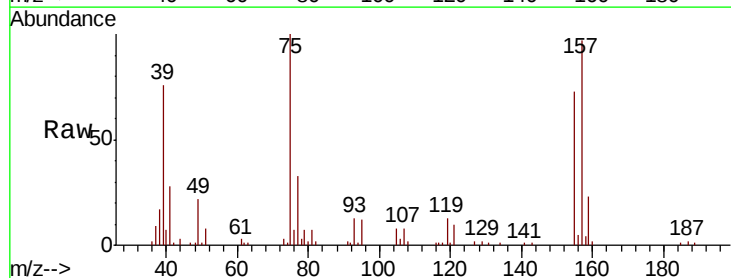
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

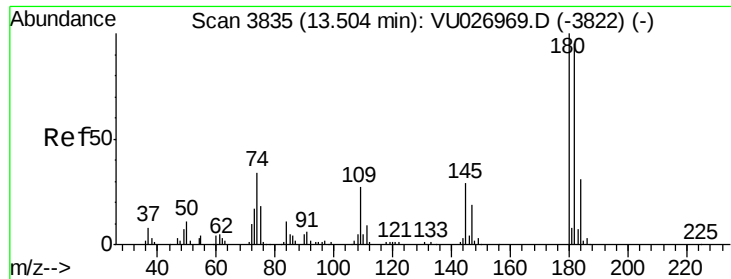
Tot Ion:146 Resp: 129614
 Ion Ratio Lower Upper
 146 100
 111 44.3 21.8 65.3
 148 63.6 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.394 ug/l
 RT: 12.66 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VU027255.D
 Acq: 28 Sep 2018 08:43

Tgt Ion: 75 Resp: 26150
 Ion Ratio Lower Upper
 75 100
 155 72.7 36.6 109.8
 157 94.1 47.4 142.2

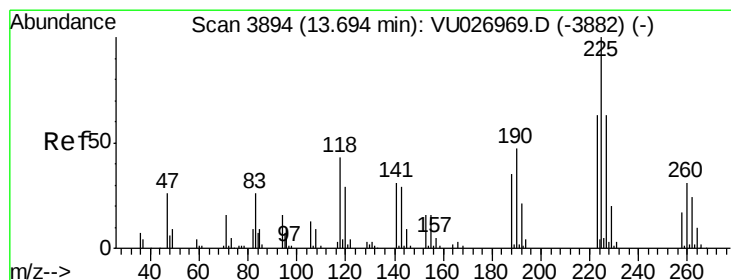
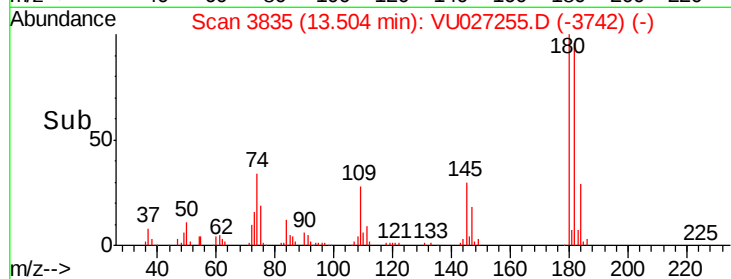
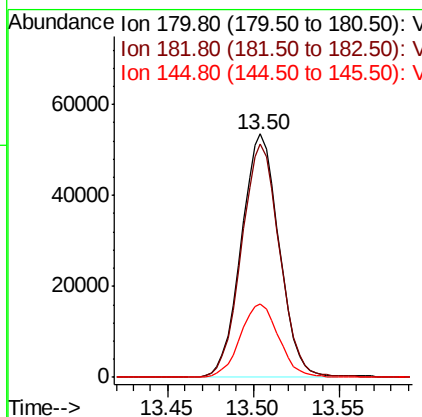
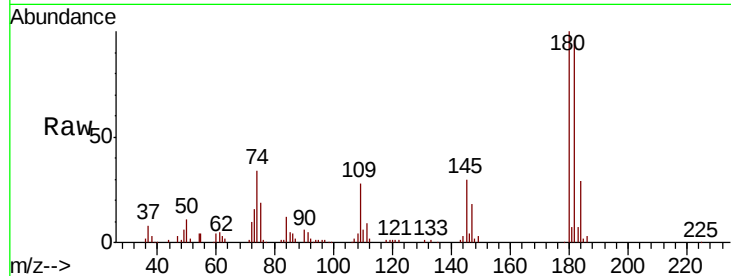




#93
 1,2,4-Trichlorobenzene
 Concen: 51.155 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU027255.D
 Acq: 28 Sep 2018 08:43

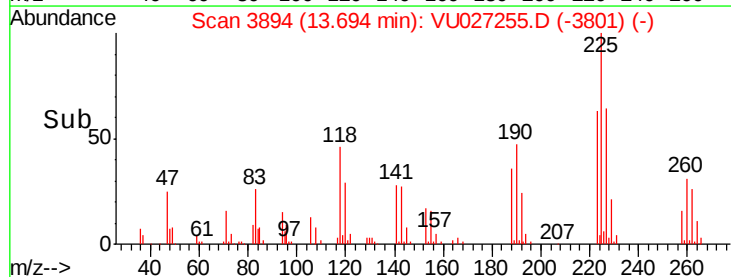
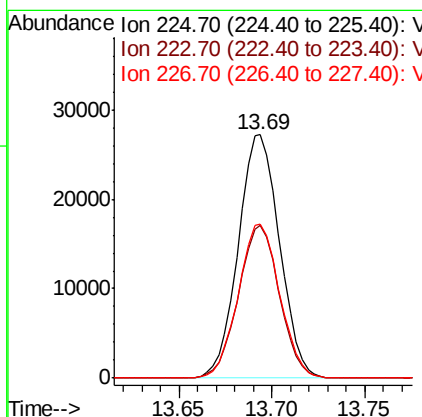
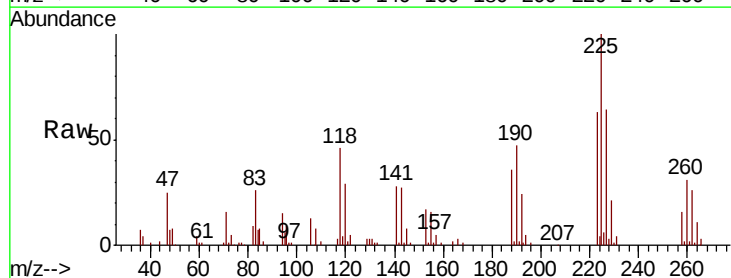
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

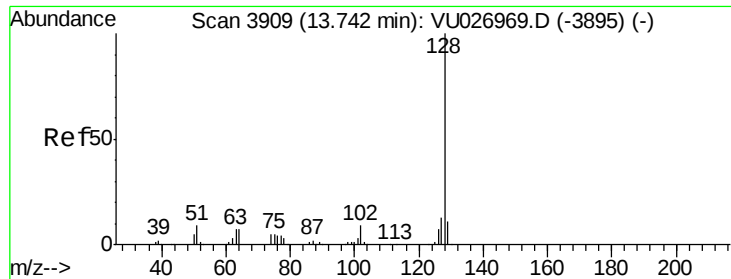
Tot Ion:180 Resp: 82035
 Ion Ratio Lower Upper
 180 100
 182 96.8 47.4 142.2
 145 30.6 14.9 44.5



#94
 Hexachlorobutadiene
 Concen: 49.489 ug/l
 RT: 13.69 min Scan# 3894
 Delta R.T. 0.00 min
 Lab File: VU027255.D
 Acq: 28 Sep 2018 08:43

Tgt Ion:225 Resp: 41992
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.9 95.7
 227 63.4 32.1 96.5

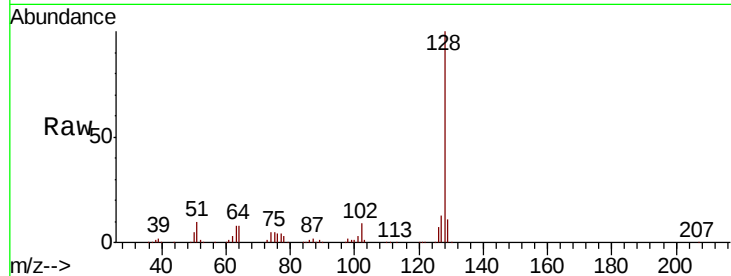




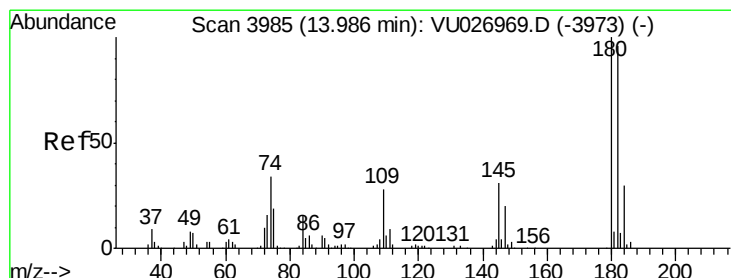
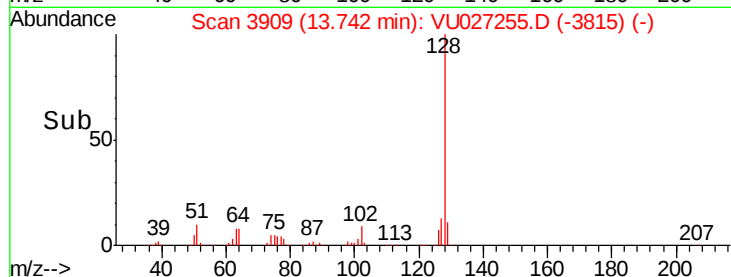
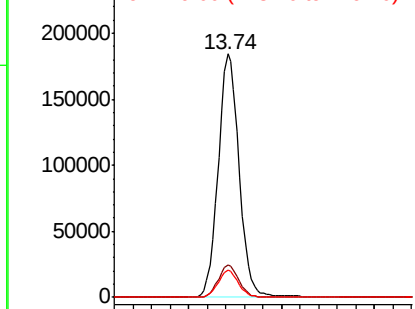
#95
Naphthalene
Concen: 46.158 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU027255.D
Acq: 28 Sep 2018 08:43

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 288569
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 11.0 8.6 12.8

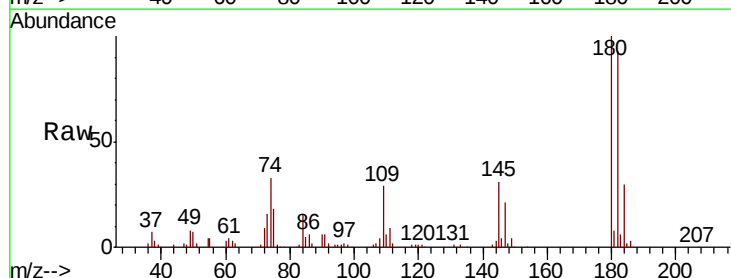


Abundance Ion 128.00 (127.70 to 128.70): V
250000
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 50.988 ug/l
RT: 13.99 min Scan# 3986
Delta R.T. 0.00 min
Lab File: VU027255.D
Acq: 28 Sep 2018 08:43

Tgt Ion:180 Resp: 87686
Ion Ratio Lower Upper
180 100
182 92.7 47.5 142.5
145 30.7 15.4 46.4



Abundance Ion 179.80 (179.50 to 180.50): V
60000
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

