

Data File : VU027013.D
Acq On : 22 Sep 2018 14:04
Operator : MD/SY
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 53 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Quant Time: Sep 24 02:49:15 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	82285	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	135838	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	133026	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	75486	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	73912	44.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.26%	
35) Dibromofluoromethane	4.88	113	51965	44.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.26%	
50) Toluene-d8	7.57	98	205033	45.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.38%	
62) 4-Bromofluorobenzene	10.31	95	75290	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	47161	43.898	ug/l	99
3) Chloromethane	1.33	50	77846	42.027	ug/l	99
4) Vinyl Chloride	1.40	62	74880	43.308	ug/l	100
5) Bromomethane	1.62	94	42718	43.386	ug/l	99
6) Chloroethane	1.69	64	49222	44.555	ug/l	99
7) Trichlorofluoromethane	1.88	101	87390	44.502	ug/l	96
8) Diethyl Ether	2.10	74	42068	44.506	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.29	101	52101	43.150	ug/l	98
10) Methyl Iodide	2.41	142	54748	36.559	ug/l	100
11) Tert butyl alcohol	2.83	59	87343	230.095	ug/l	99
12) 1,1-Dichloroethene	2.28	96	50323	44.280	ug/l	99
13) Acrolein	2.19	56	43450	212.338	ug/l	99
14) Allyl chloride	2.59	41	112484	48.799	ug/l	97
15) Acrylonitrile	2.94	53	225545	235.747	ug/l	100
16) Acetone	2.32	43	233587	266.629	ug/l	98
17) Carbon Disulfide	2.48	76	159785	43.159	ug/l	99
18) Methyl Acetate	2.61	43	111565	47.329	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	200092	47.911	ug/l	99
20) Methylene Chloride	2.70	84	64635	43.579	ug/l	98
21) trans-1,2-Dichloroethene	2.98	96	55244	45.529	ug/l	99
22) Diisopropyl ether	3.57	45	248339	50.370	ug/l	98
23) Vinyl Acetate	3.52	43	1048184	249.408	ug/l	100
24) 1,1-Dichloroethane	3.45	63	125726	46.301	ug/l	99
25) 2-Butanone	4.26	43	332639	239.002	ug/l	98
26) 2,2-Dichloropropane	4.23	77	97588	46.082	ug/l	99
27) cis-1,2-Dichloroethene	4.22	96	62918	45.915	ug/l	96
28) Bromochloromethane	4.55	49	53508	40.878	ug/l	96
29) Tetrahydrofuran	4.64	42	205399	243.960	ug/l	99
30) Chloroform	4.67	83	112931	44.804	ug/l	100
31) Cyclohexane	5.00	56	114996	46.548	ug/l	97
32) 1,1,1-Trichloroethane	4.92	97	92078	45.754	ug/l	99
36) 1,1-Dichloropropene	5.14	75	87832	48.448	ug/l	98
37) Ethyl Acetate	4.38	43	114206	46.535	ug/l	99
38) Carbon Tetrachloride	5.13	117	77157	44.723	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	99751	50.632	ug/l	98
40) Benzene	5.39	78	256694	46.577	ug/l	99
41) Methacrylonitrile	4.54	41	65459	51.357	ug/l	98
42) 1,2-Dichloroethane	5.40	62	99027	47.558	ug/l	99
43) Isopropyl Acetate	5.55	43	178348	49.830	ug/l	99
44) Trichloroethene	6.19	130	54571	46.511	ug/l	98
45) 1,2-Dichloropropane	6.43	63	74698	47.568	ug/l	100
46) Dibromomethane	6.56	93	43432	45.795	ug/l	98
47) Bromodichloromethane	6.76	83	86434	45.071	ug/l	98
48) Methyl methacrylate	6.62	41	89837	46.195	ug/l	100
49) 1,4-Dioxane	6.61	88	36815	951.509	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	605393	251.493	ug/l	100
52) Toluene	7.64	92	150937	47.779	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	101828	49.421	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	108593	47.933	ug/l	100
55) 1,1,2-Trichloroethane	8.07	97	62276	46.525	ug/l	100
56) Ethyl methacrylate	8.02	69	103940	44.983	ug/l	98
57) 1,3-Dichloropropane	8.24	76	117849	47.336	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	263415	200.822	ug/l	100
59) 2-Hexanone	8.36	43	468665	248.720	ug/l	100
60) Dibromochloromethane	8.48	129	61535	46.866	ug/l	97
61) 1,2-Dibromoethane	8.59	107	64912	46.608	ug/l	99
64) Tetrachloroethene	8.23	164	45802	44.682	ug/l	98
65) Chlorobenzene	9.12	112	157964	44.785	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	56172	46.236	ug/l	99
67) Ethyl Benzene	9.25	91	286138	49.333	ug/l	99
68) m/p-Xylenes	9.38	106	215893	92.032	ug/l	99
69) o-Xylene	9.78	106	103593	50.409	ug/l	100
70) Styrene	9.79	104	170831	44.719	ug/l	100
71) Bromoform	9.96	173	43675	46.488	ug/l #	99
73) Isopropylbenzene	10.17	105	279092	48.604	ug/l	100
74) N-amyl acetate	10.02	43	160163	48.187	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	108942	41.265	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	134138	58.493	ug/l	81
77) Bromobenzene	10.45	156	61918	44.126	ug/l	95
78) n-propylbenzene	10.59	91	339957	50.036	ug/l	100
79) 2-Chlorotoluene	10.66	91	200669	47.021	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	234519	49.477	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.49	75	134138	187.187	ug/l #	100
82) 4-Chlorotoluene	10.77	91	232861	48.662	ug/l	98
83) tert-Butylbenzene	11.10	119	223193	47.627	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	241771	50.120	ug/l	99
85) sec-Butylbenzene	11.32	105	284315	49.701	ug/l	99
86) p-Isopropyltoluene	11.48	119	244643	45.659	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	116017	44.431	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	119078	41.842	ug/l	99
89) n-Butylbenzene	11.89	91	227702	44.059	ug/l	99
90) Hexachloroethane	12.15	117	44652	42.924	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	115960	41.807	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	23521	43.672	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092218\
Quantitation Report (Not Reviewed)

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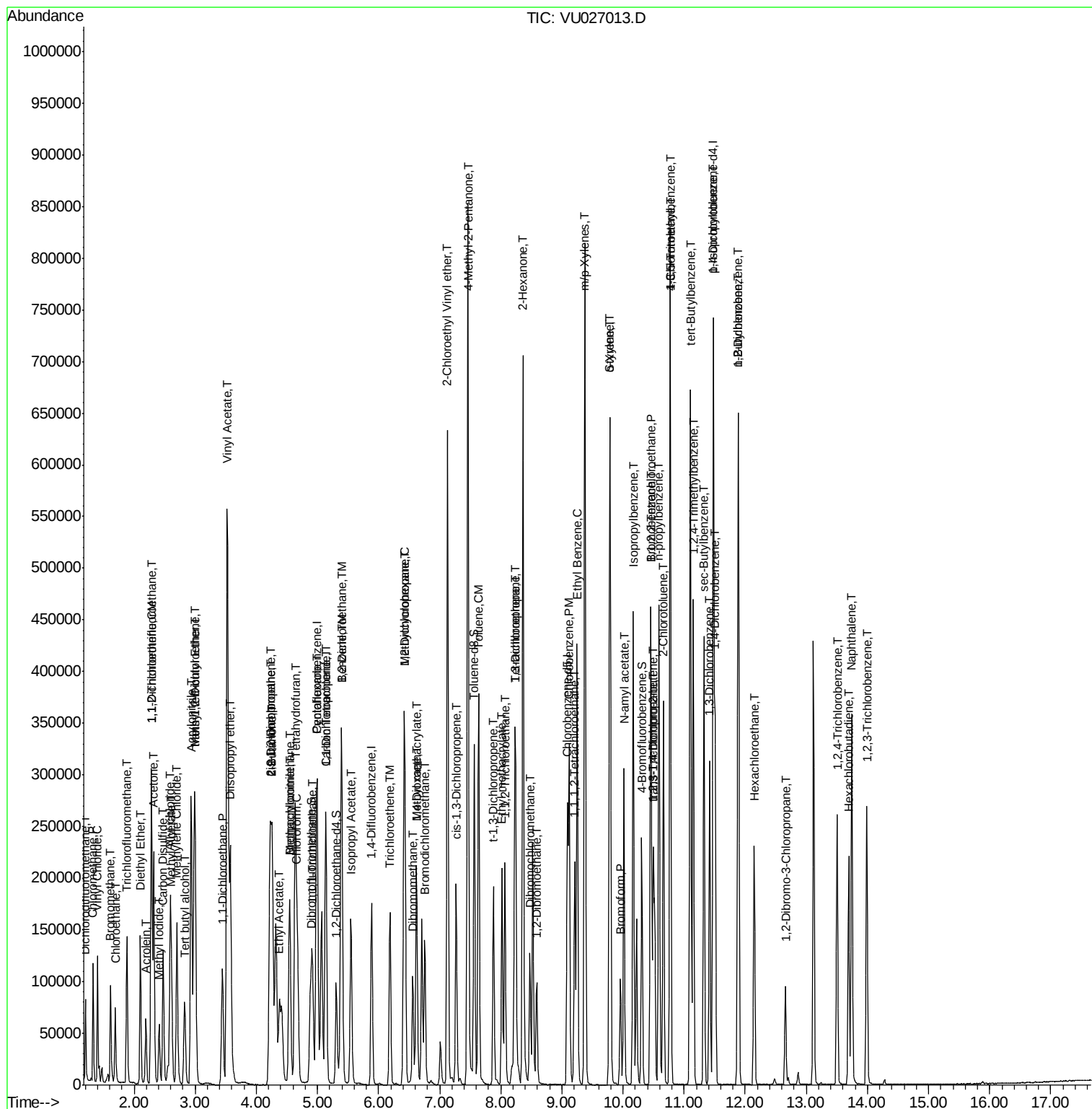
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	74754	46.768	ug/l	99
94) Hexachlorobutadiene	13.69	225	38446	45.458	ug/l	99
95) Naphthalene	13.75	128	265384	42.719	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	79524	46.394	ug/l	100

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU027013.D

Acq: 22 Sep 2018 14:04

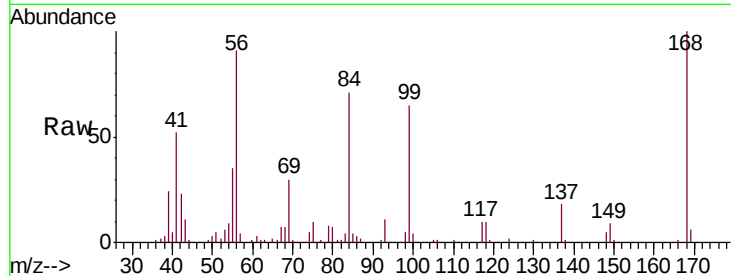
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 82285

Ion Ratio Lower Upper

168 100

99 64.5 48.1 72.1

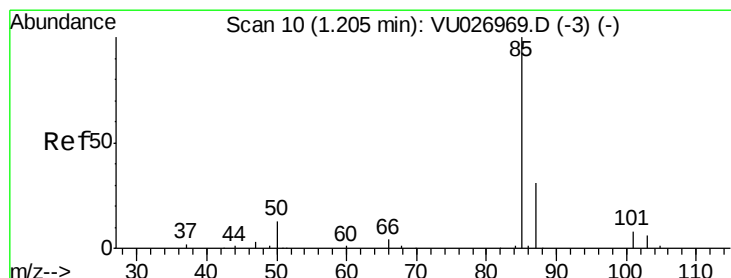
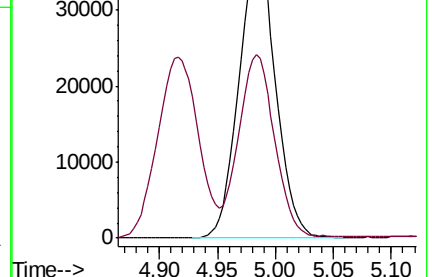
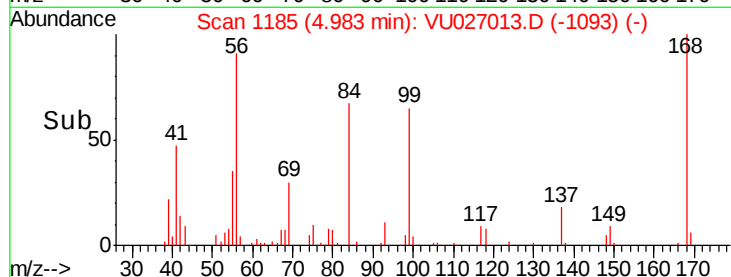


Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU026969.D (-1169) (-)

4.98

Time-->



#2

Dichlorodifluoromethane

Concen: 43.898 ug/l

RT: 1.21 min Scan# 10

Delta R.T. -0.00 min

Lab File: VU027013.D

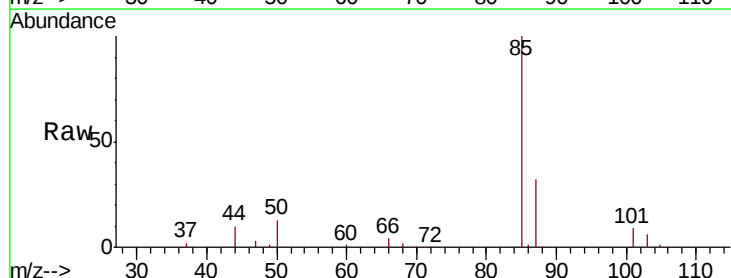
Acq: 22 Sep 2018 14:04

Tgt Ion: 85 Resp: 47161

Ion Ratio Lower Upper

85 100

87 31.9 15.6 46.7

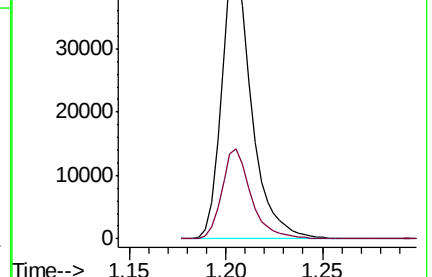
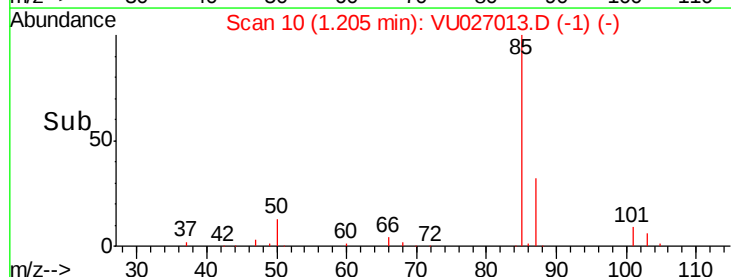


Abundance Ion 84.90 (84.60 to 85.60): VU026969.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VU026969.D (-3) (-)

1.21

Time-->





#3

Chloromethane

Concen: 42.027 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU027013.D

Acq: 22 Sep 2018 14:04

Instrument :

MSVOA_U

ClientSampleId :

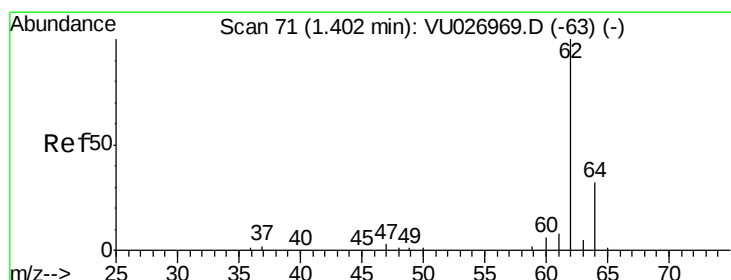
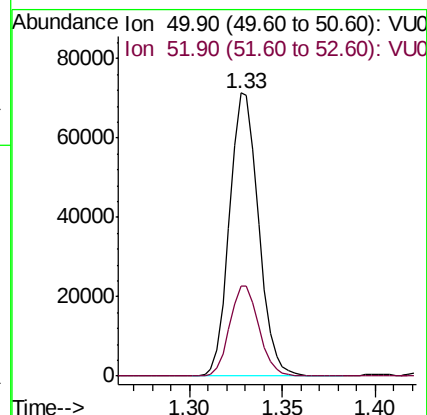
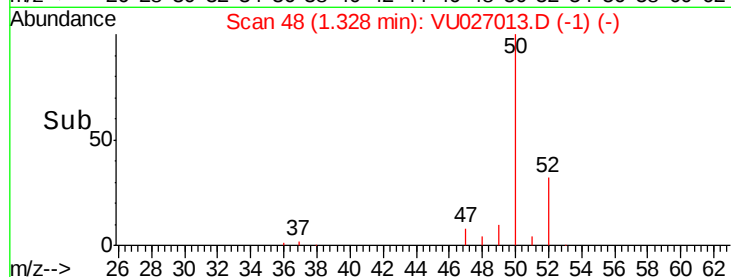
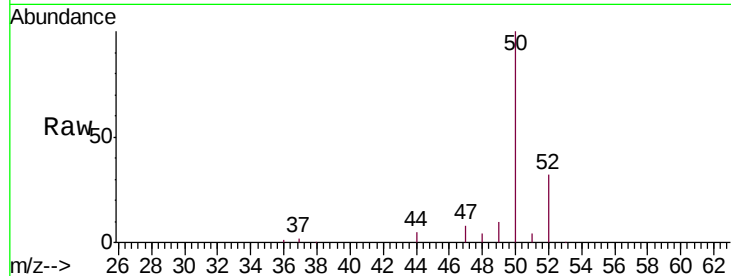
VSTDCCC050

Tgt Ion: 50 Resp: 77846

Ion Ratio Lower Upper

50 100

52 31.9 25.9 38.9



#4

Vinyl Chloride

Concen: 43.308 ug/l

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU027013.D

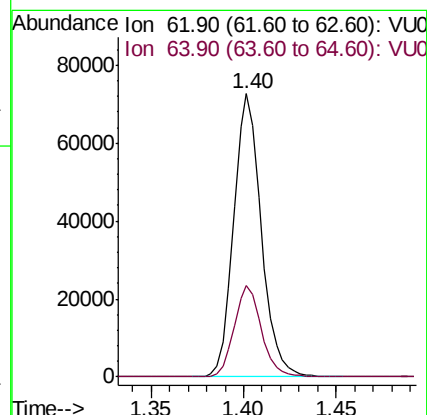
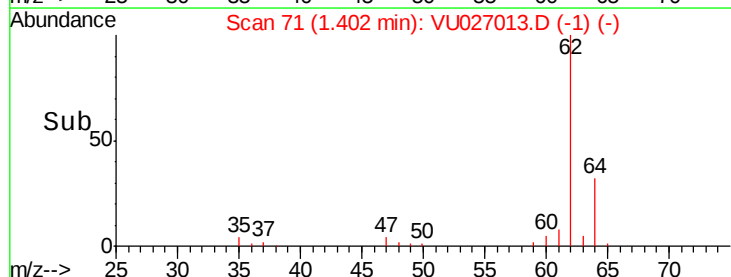
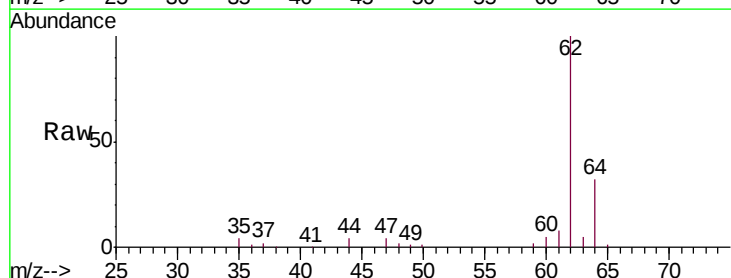
Acq: 22 Sep 2018 14:04

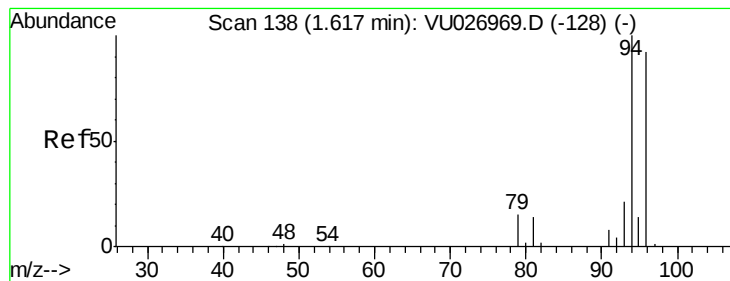
Tgt Ion: 62 Resp: 74880

Ion Ratio Lower Upper

62 100

64 32.1 25.5 38.3





#5

Bromomethane

Concen: 43.386 ug/l

RT: 1.62 min Scan# 138

Delta R.T. -0.00 min

Lab File: VU027013.D

Acq: 22 Sep 2018 14:04

Instrument :

MSVOA_U

ClientSampleId :

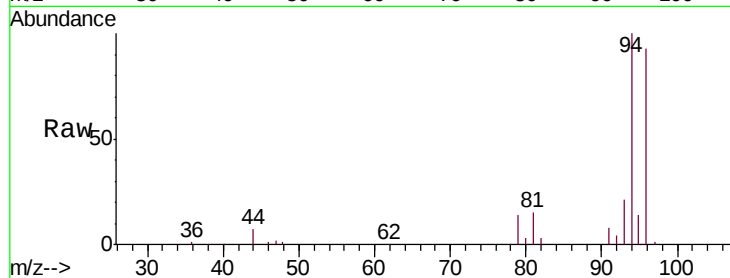
VSTDCCC050

Tgt Ion: 94 Resp: 42718

Ion Ratio Lower Upper

94 100

96 92.7 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VU026969.D (-128) (-)

Ion 95.90 (95.60 to 96.60): VU026969.D (-128) (-)

1.62

30000

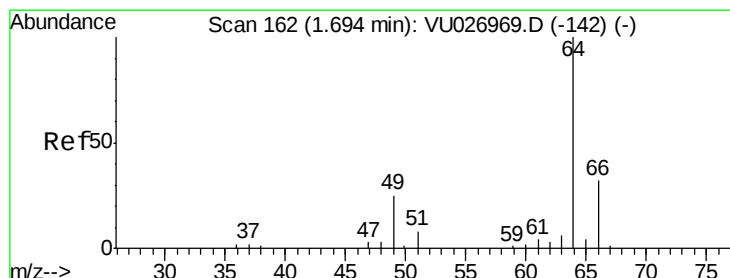
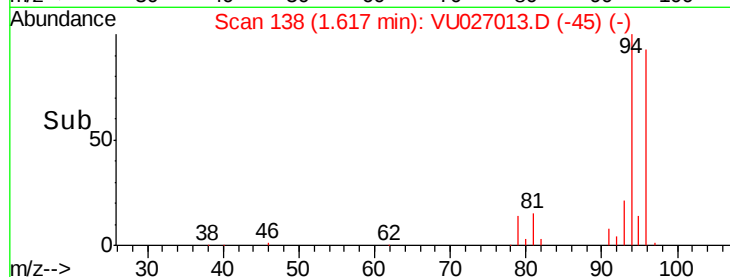
20000

10000

0

1.55 1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 44.555 ug/l

RT: 1.69 min Scan# 161

Delta R.T. -0.00 min

Lab File: VU027013.D

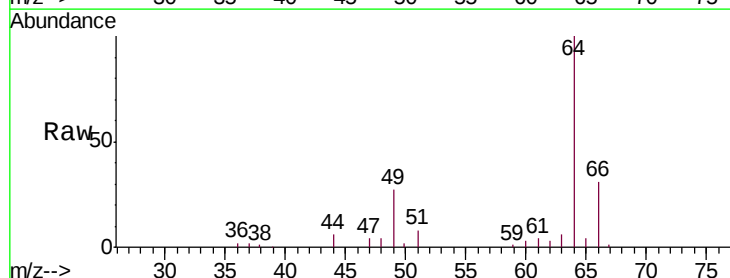
Acq: 22 Sep 2018 14:04

Tgt Ion: 64 Resp: 49222

Ion Ratio Lower Upper

64 100

66 31.1 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VU026969.D (-142) (-)

Ion 65.90 (65.60 to 66.60): VU026969.D (-142) (-)

1.69

40000

30000

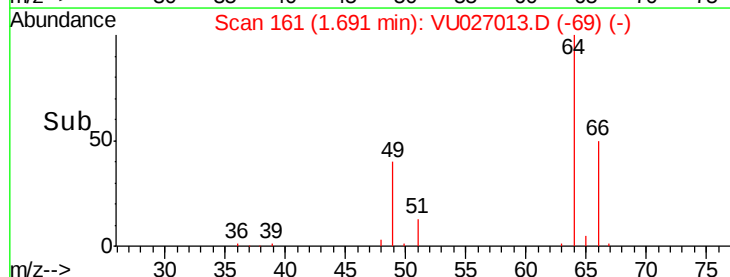
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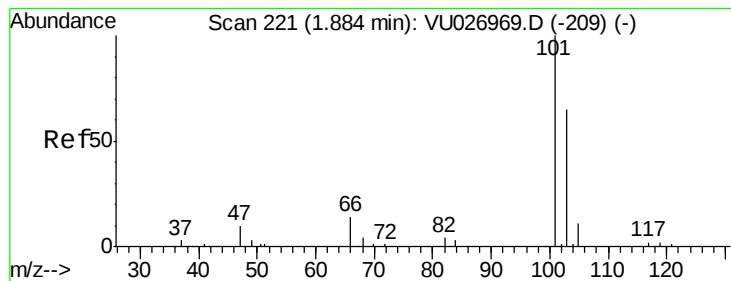
10000

0

1.65 1.70 1.75 1.80

Time-->



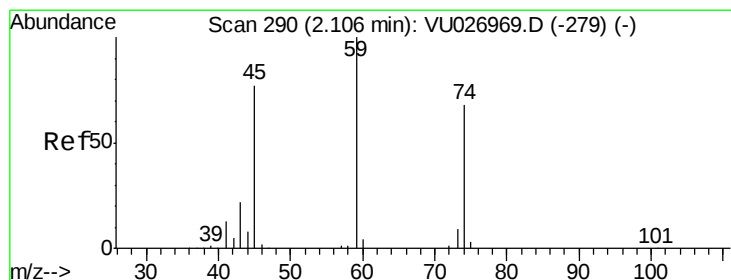
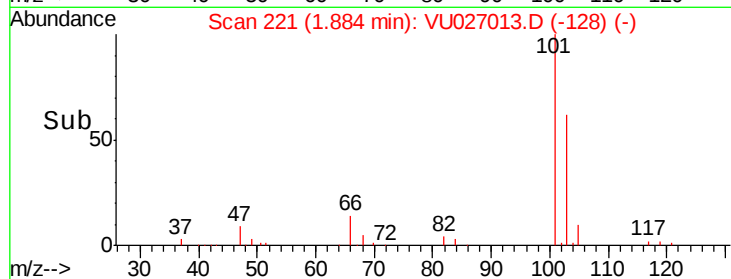
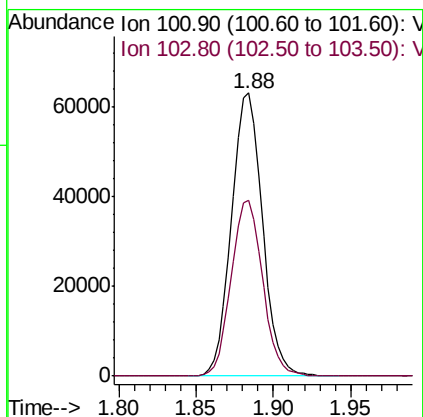
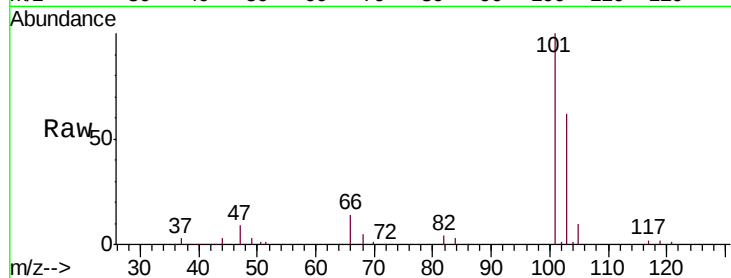


#7

Trichlorofluoromethane
 Concen: 44.502 ug/l
 RT: 1.88 min Scan# 221
 Delta R.T. -0.00 min
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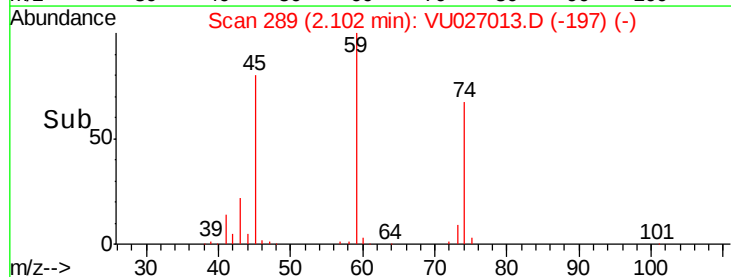
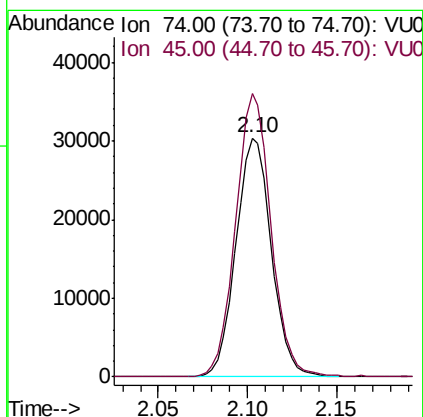
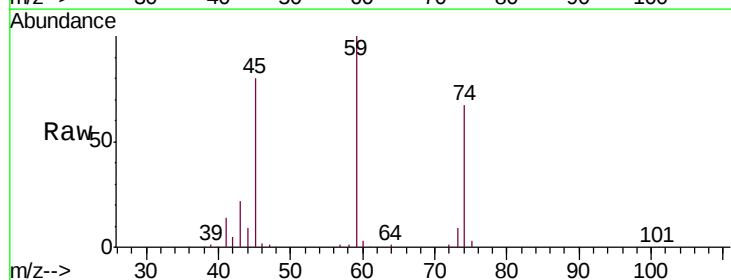
Tgt Ion:101 Resp: 87390
 Ion Ratio Lower Upper
 101 100
 103 62.2 52.2 78.2

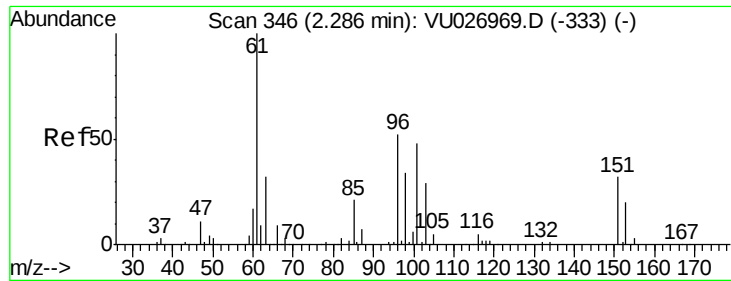


#8

Diethyl Ether
 Concen: 44.506 ug/l
 RT: 2.10 min Scan# 289
 Delta R.T. -0.00 min
 Lab File: VU027013.D
 Acq: 22 Sep 2018 14:04

Tgt Ion: 74 Resp: 42068
 Ion Ratio Lower Upper
 74 100
 45 118.4 56.9 170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.150 ug/l

RT: 2.29 min Scan# 346

Delta R.T. -0.00 min

Lab File: VU027013.D

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Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

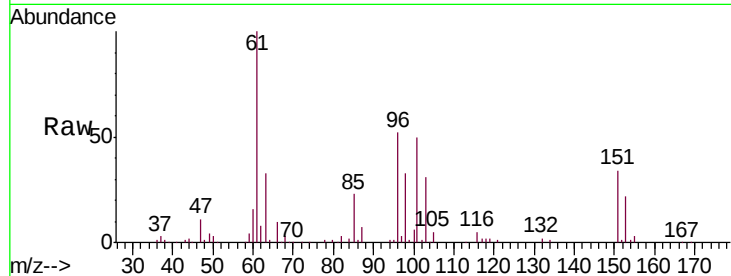
Tgt Ion:101 Resp: 52101

Ion Ratio Lower Upper

101 100

85 46.7 36.2 54.2

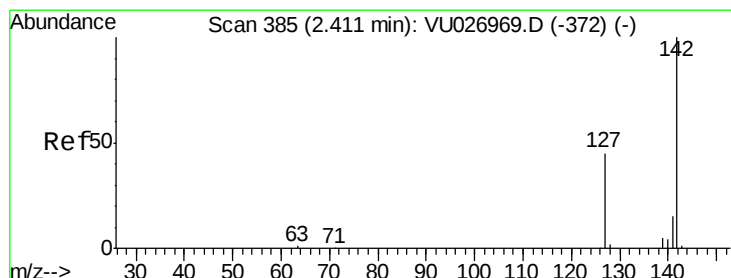
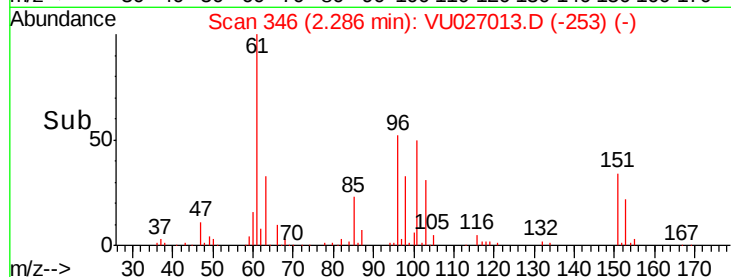
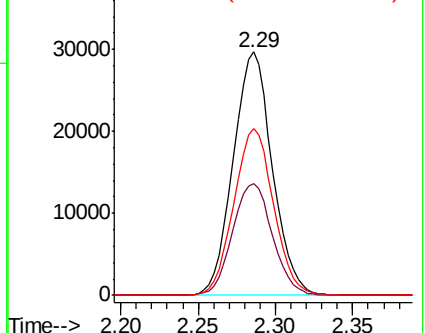
151 69.5 54.5 81.7



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: 36.559 ug/l

RT: 2.41 min Scan# 385

Delta R.T. -0.00 min

Lab File: VU027013.D

Acq: 22 Sep 2018 14:04

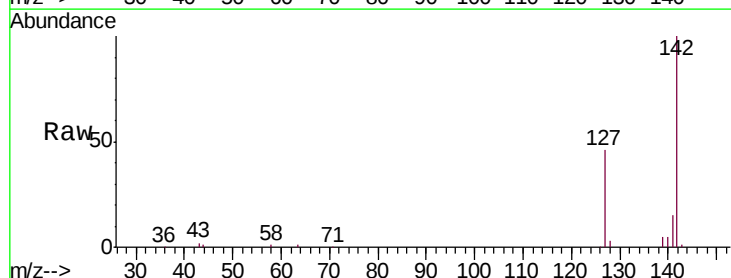
Tgt Ion:142 Resp: 54748

Ion Ratio Lower Upper

142 100

127 46.2 36.7 55.1

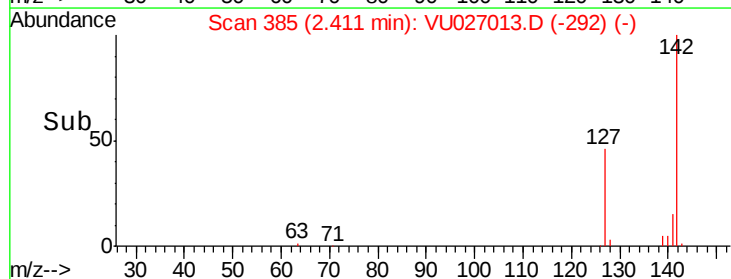
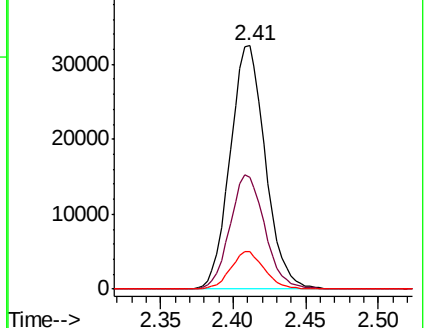
141 14.8 11.8 17.6

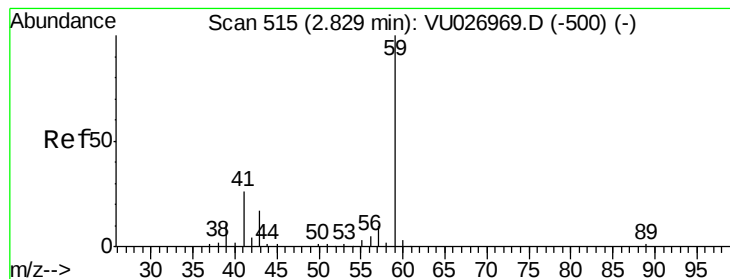


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



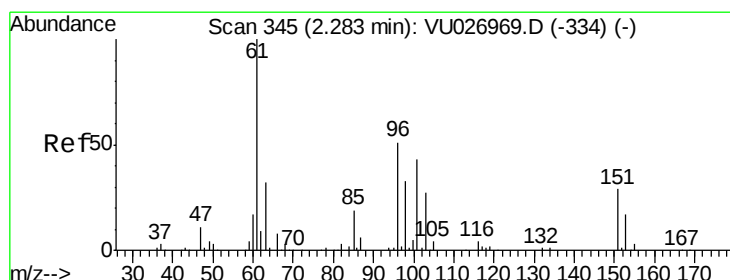
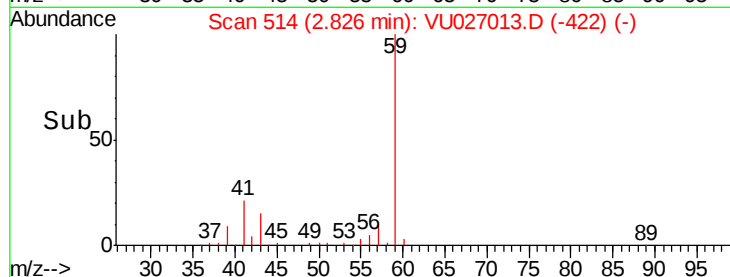
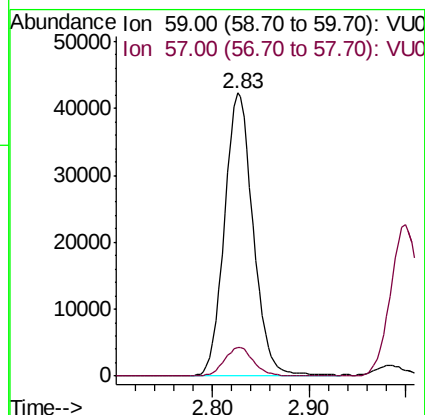
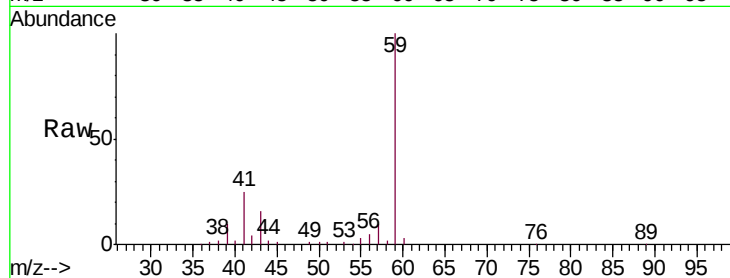


#11

Tert butyl alcohol
 Concen: 230.095 ug/l
 RT: 2.83 min Scan# 514
 Delta R.T. -0.00 min
 Lab File: VU027013.D
 Acq: 22 Sep 2018 14:04

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

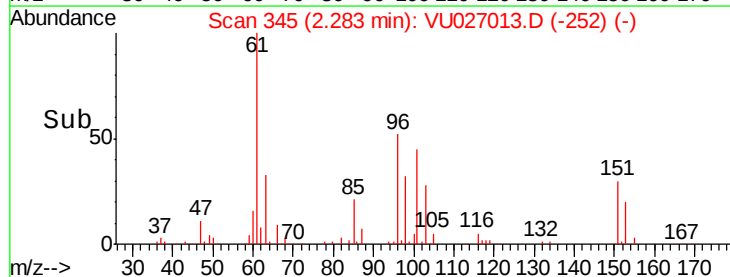
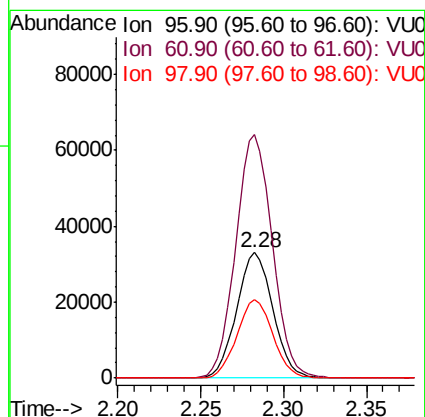
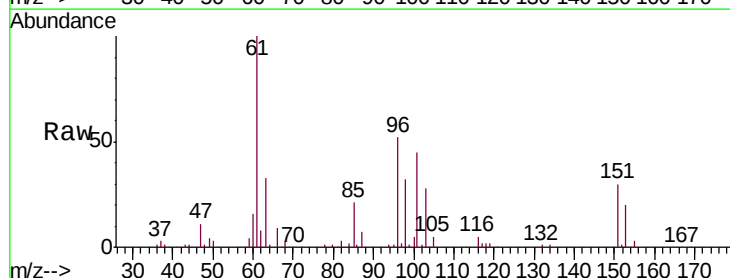
Tgt Ion: 59 Resp: 87343
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.5 12.7

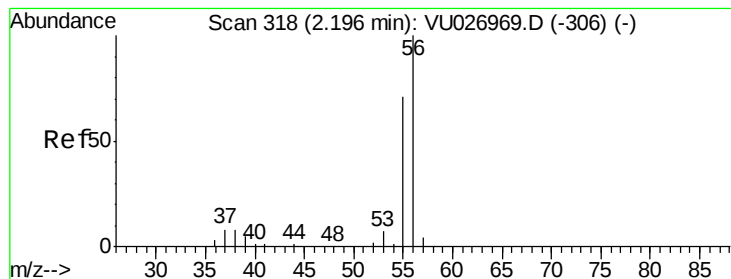


#12

1,1-Dichloroethene
 Concen: 44.280 ug/l
 RT: 2.28 min Scan# 345
 Delta R.T. -0.00 min
 Lab File: VU027013.D
 Acq: 22 Sep 2018 14:04

Tgt Ion: 96 Resp: 50323
 Ion Ratio Lower Upper
 96 100
 61 194.0 156.1 234.1
 98 63.0 51.4 77.0





#13

Acrolein

Concen: 212.338 ug/l

RT: 2.19 min Scan# 317

Delta R.T. -0.00 min

Lab File: VU027013.D

Acq: 22 Sep 2018 14:04

Instrument :

MSVOA_U

ClientSampleId :

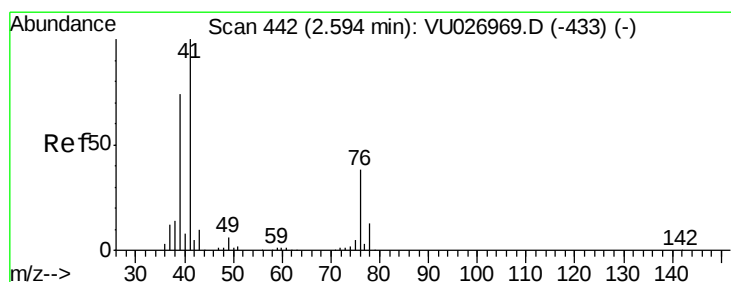
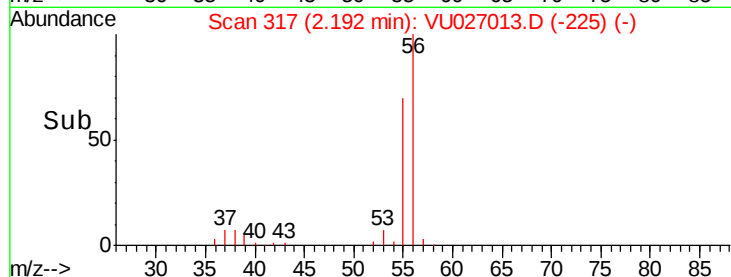
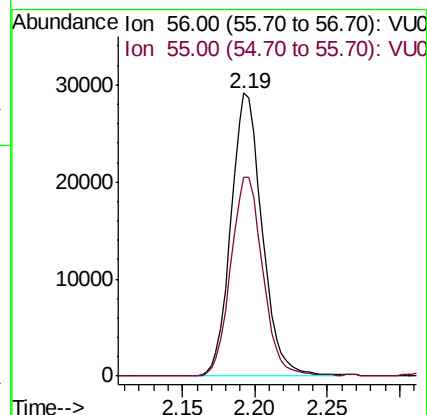
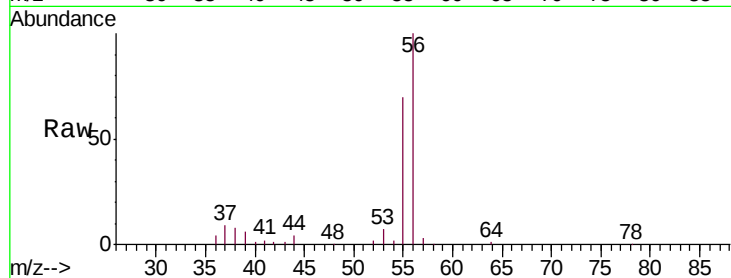
VSTDCCC050

Tgt Ion: 56 Resp: 43450

Ion Ratio Lower Upper

56 100

55 72.2 57.1 85.7



#14

Allyl chloride

Concen: 48.799 ug/l

RT: 2.59 min Scan# 441

Delta R.T. -0.00 min

Lab File: VU027013.D

Acq: 22 Sep 2018 14:04

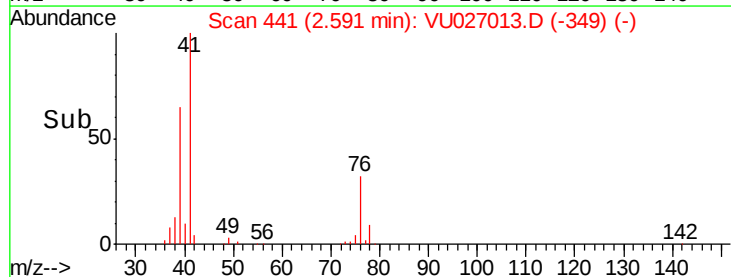
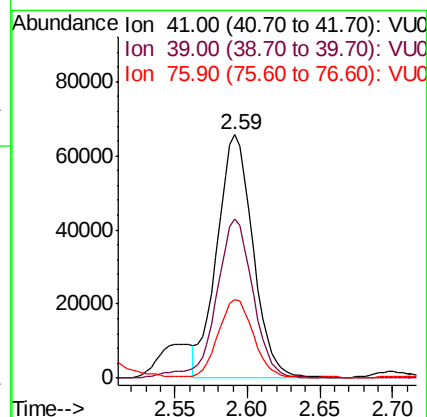
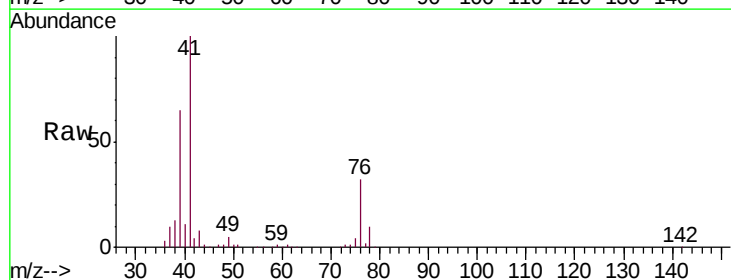
Tgt Ion: 41 Resp: 112484

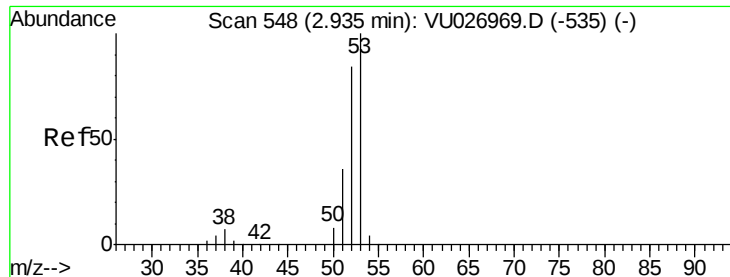
Ion Ratio Lower Upper

41 100

39 67.2 55.7 83.5

76 31.1 26.5 39.7





#15

Acrylonitrile

Concen: 235.747 ug/l

RT: 2.94 min Scan# 548

Delta R.T. -0.00 min

Lab File: VU027013.D

Acq: 22 Sep 2018 14:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

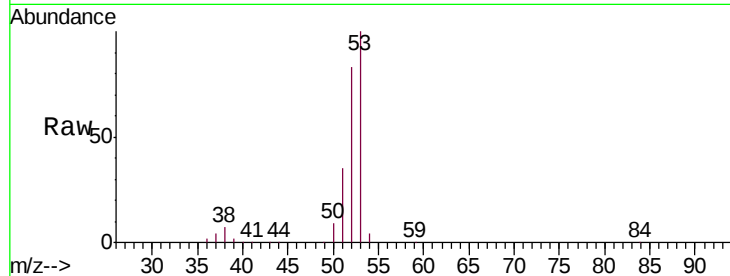
Tgt Ion: 53 Resp: 225545

Ion Ratio Lower Upper

53 100

52 82.5 65.7 98.5

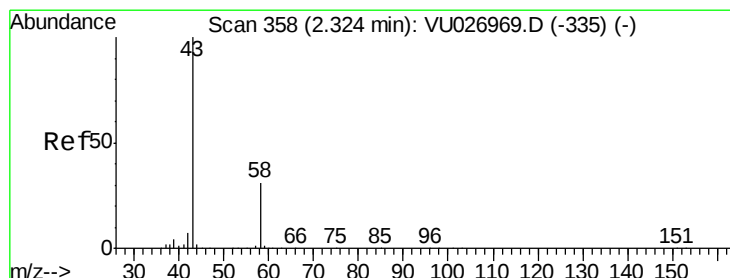
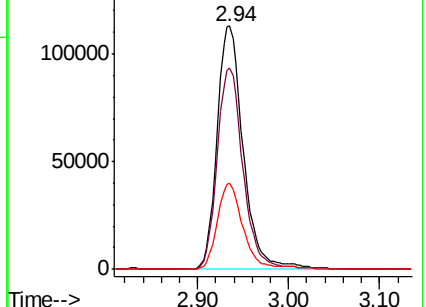
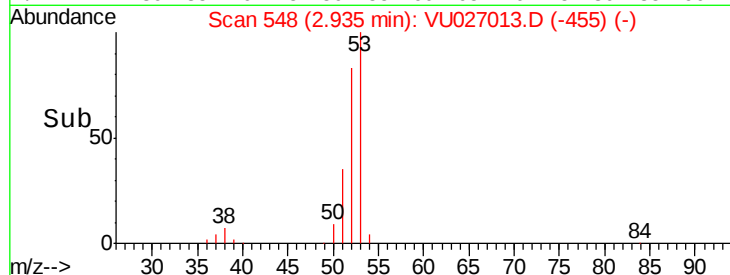
51 34.3 27.4 41.2



Abundance Ion 53.00 (52.70 to 53.70): VU027013.D (-535) (-)

Ion 52.00 (51.70 to 52.70): VU027013.D (-535) (-)

Ion 51.00 (50.70 to 51.70): VU027013.D (-535) (-)



#16

Acetone

Concen: 266.629 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU027013.D

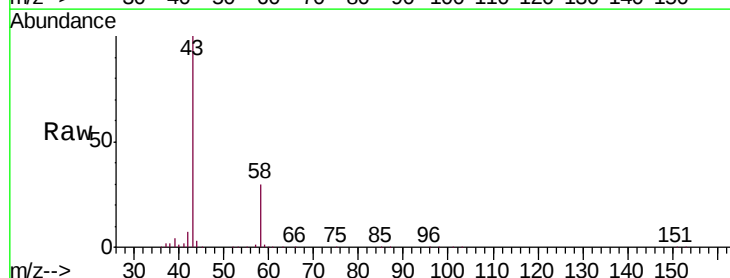
Acq: 22 Sep 2018 14:04

Tgt Ion: 43 Resp: 233587

Ion Ratio Lower Upper

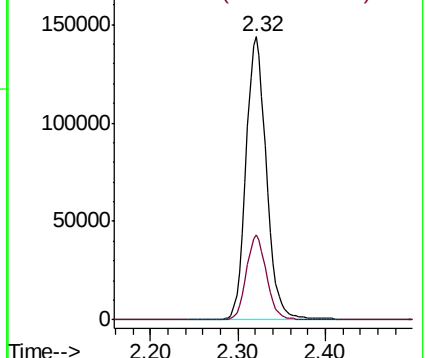
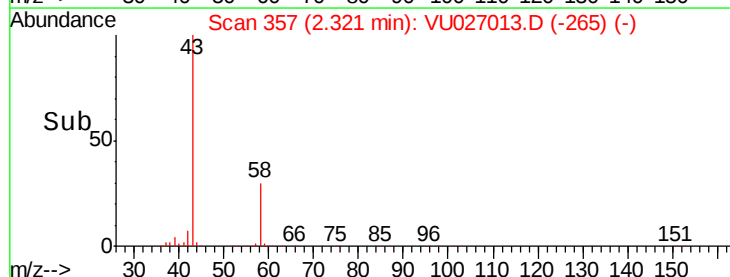
43 100

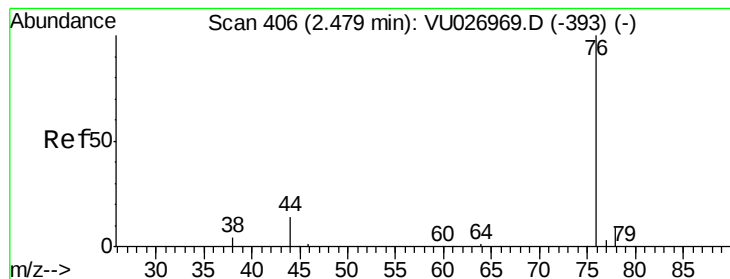
58 29.8 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VU027013.D (-265) (-)

Ion 58.00 (57.70 to 58.70): VU027013.D (-265) (-)





#17

Carbon Disulfide

Concen: 43.159 ug/l

RT: 2.48 min Scan# 405

Delta R.T. -0.00 min

Lab File: VU027013.D

Acq: 22 Sep 2018 14:04

Instrument :

MSVOA_U

ClientSampleId :

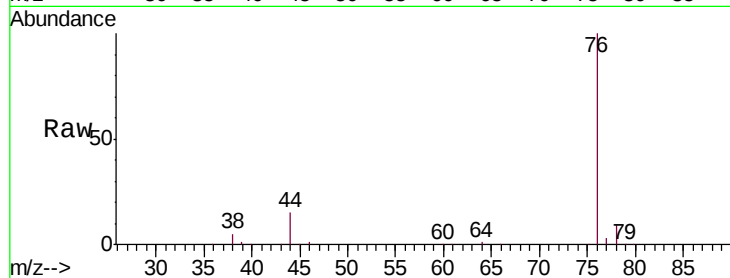
VSTDCCC050

Tgt Ion: 76 Resp: 159785

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VU026969.D (-393) (-)

Ion 77.90 (77.60 to 78.60): VU027013.D (-313) (-)

2.48

100000

80000

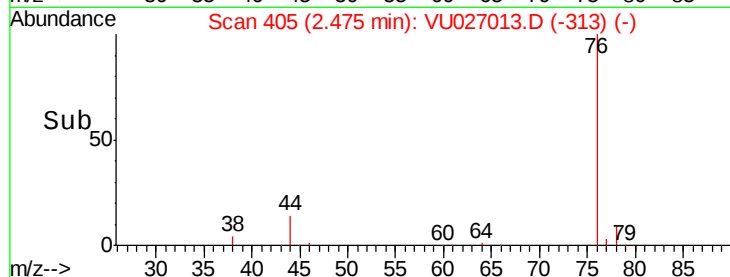
60000

40000

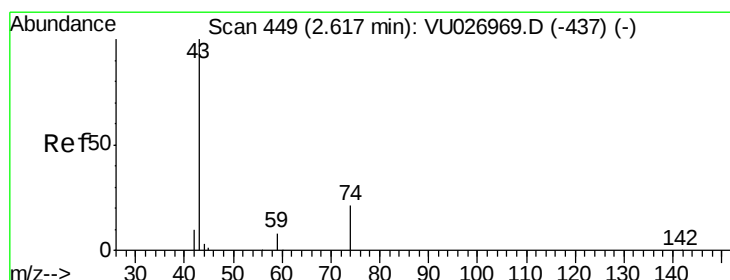
20000

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 47.329 ug/l

RT: 2.61 min Scan# 448

Delta R.T. -0.00 min

Lab File: VU027013.D

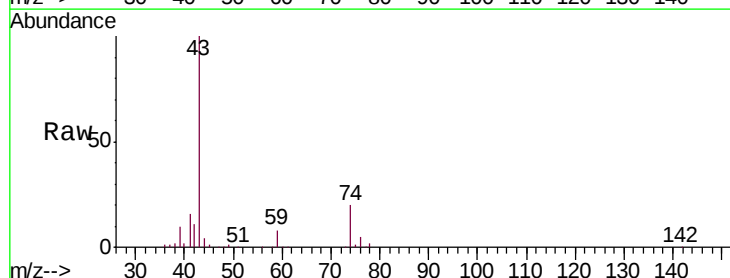
Acq: 22 Sep 2018 14:04

Tgt Ion: 43 Resp: 111565

Ion Ratio Lower Upper

43 100

74 20.3 16.6 25.0



Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-437) (-)

Ion 74.00 (73.70 to 74.70): VU027013.D (-356) (-)

2.61

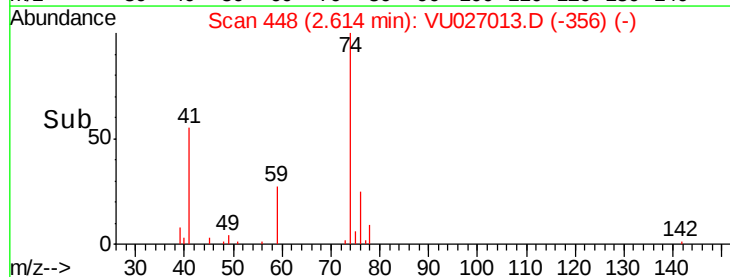
60000

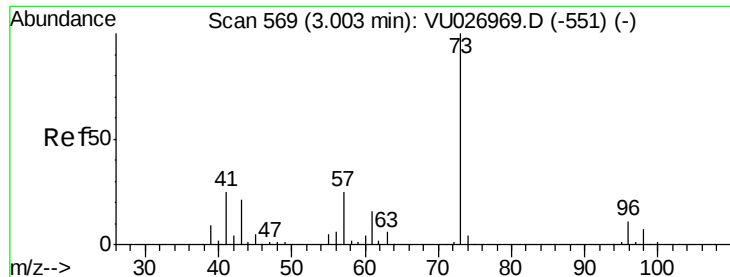
40000

20000

0

Time-->

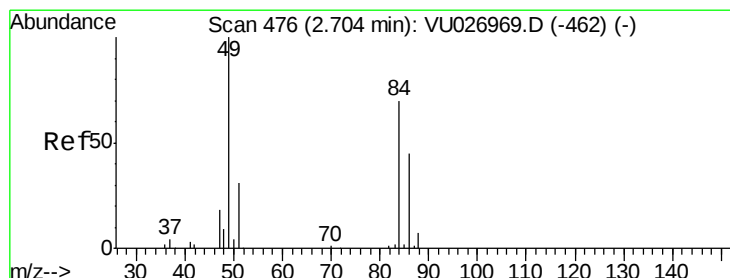
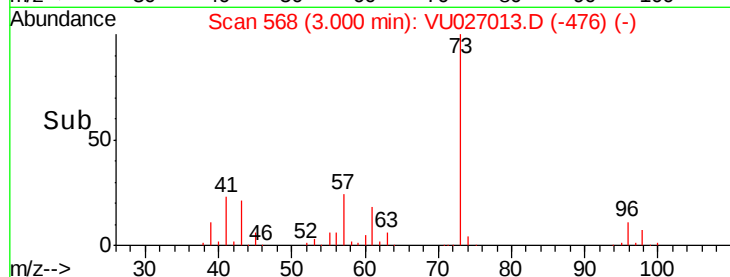
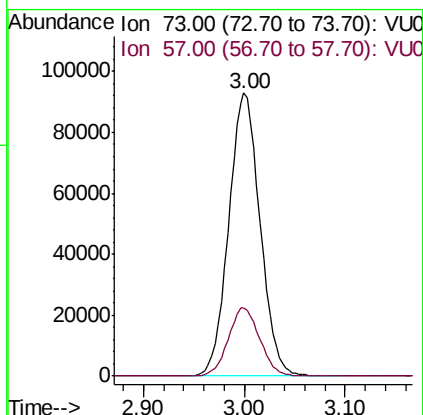
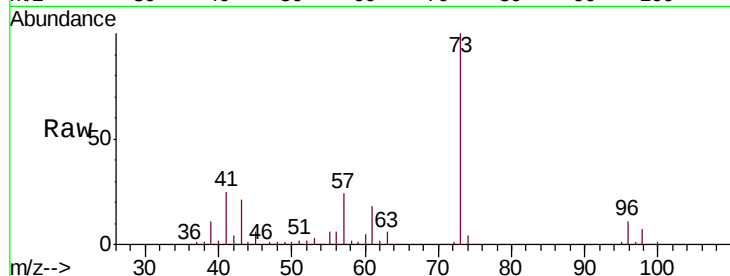




#19
Methyl tert-butyl Ether
Concen: 47.911 ug/l
RT: 3.00 min Scan# 568
Delta R.T. -0.00 min
Lab File: VU027013.D
Acq: 22 Sep 2018 14:04

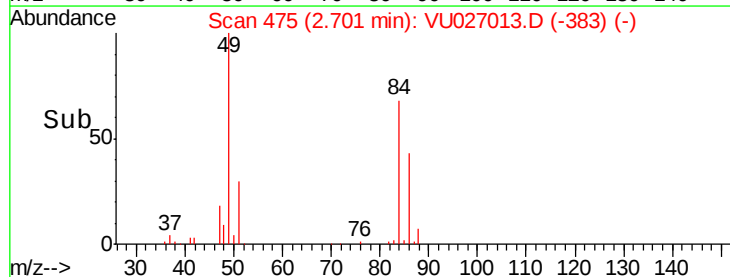
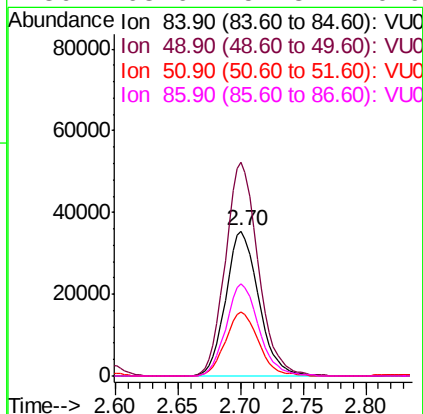
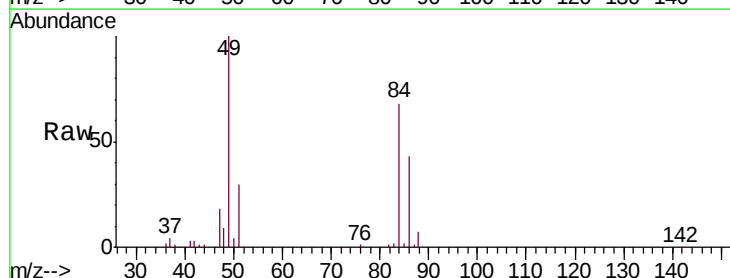
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

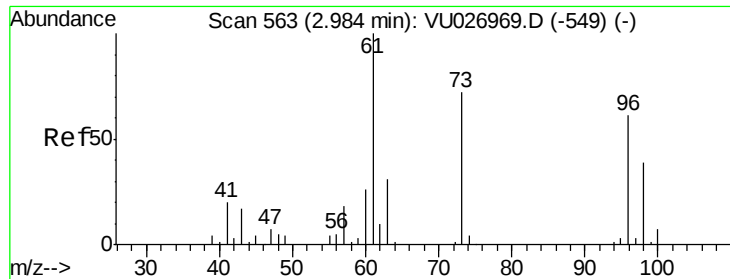
Tgt Ion: 73 Resp: 200092
Ion Ratio Lower Upper
73 100
57 24.3 19.8 29.6



#20
Methylene Chloride
Concen: 43.579 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU027013.D
Acq: 22 Sep 2018 14:04

Tgt Ion: 84 Resp: 64635
Ion Ratio Lower Upper
84 100
49 147.1 114.9 172.3
51 43.8 35.8 53.8
86 63.6 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 45.529 ug/l

RT: 2.98 min Scan# 562

Delta R.T. -0.00 min

Lab File: VU027013.D

Acq: 22 Sep 2018 14:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

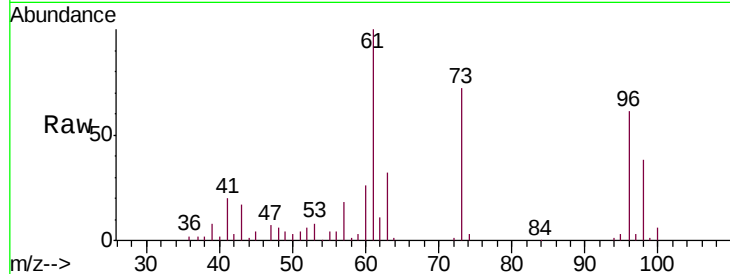
Tgt Ion: 96 Resp: 55244

Ion Ratio Lower Upper

96 100

61 164.5 131.8 197.6

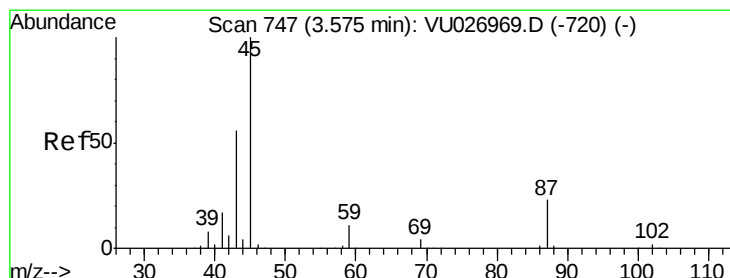
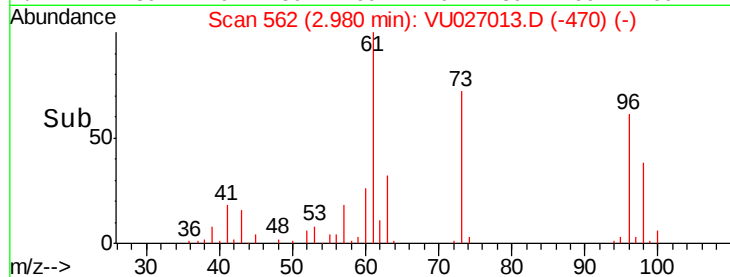
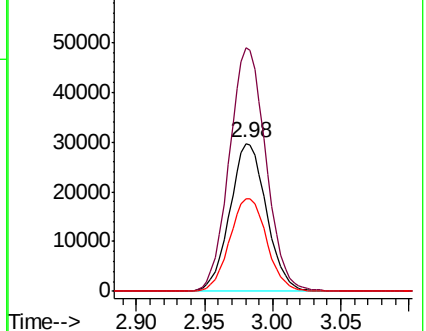
98 62.2 50.9 76.3



Abundance Ion 95.90 (95.60 to 96.60): VU026969.D (-549) (-)

Ion 60.90 (60.60 to 61.60): VU026969.D (-549) (-)

Ion 97.90 (97.60 to 98.60): VU026969.D (-549) (-)



#22

Diisopropyl ether

Concen: 50.370 ug/l

RT: 3.57 min Scan# 746

Delta R.T. -0.00 min

Lab File: VU027013.D

Acq: 22 Sep 2018 14:04

Tgt Ion: 45 Resp: 248339

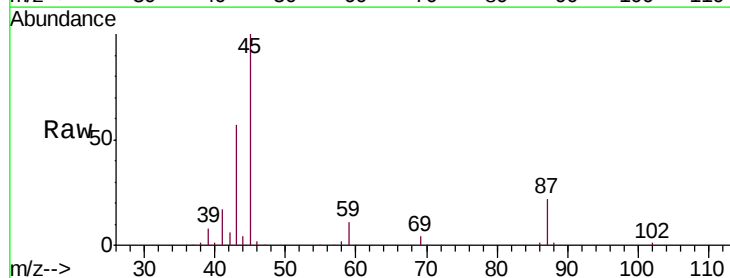
Ion Ratio Lower Upper

45 100

43 56.1 45.8 68.6

87 22.0 18.6 28.0

59 10.6 9.0 13.4

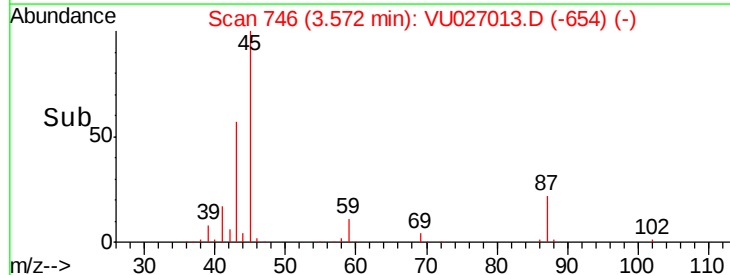
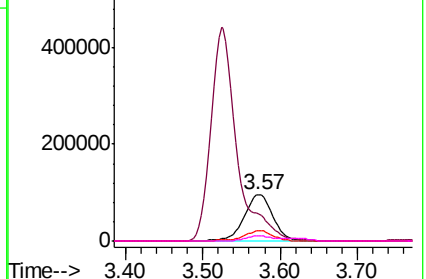


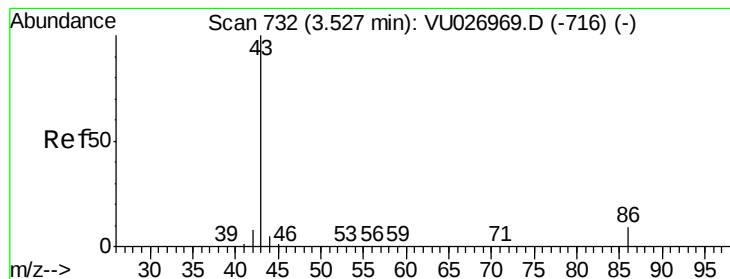
Abundance Ion 45.00 (44.70 to 45.70): VU026969.D (-720) (-)

Ion 43.00 (42.70 to 43.70): VU026969.D (-720) (-)

Ion 87.00 (86.70 to 87.70): VU026969.D (-720) (-)

Ion 59.00 (58.70 to 59.70): VU026969.D (-720) (-)





#23

Vinyl Acetate

Concen: 249.408 ug/l

RT: 3.52 min Scan# 731

Delta R.T. -0.00 min

Lab File: VU027013.D

Acq: 22 Sep 2018 14:04

Instrument :

MSVOA_U

ClientSampleId :

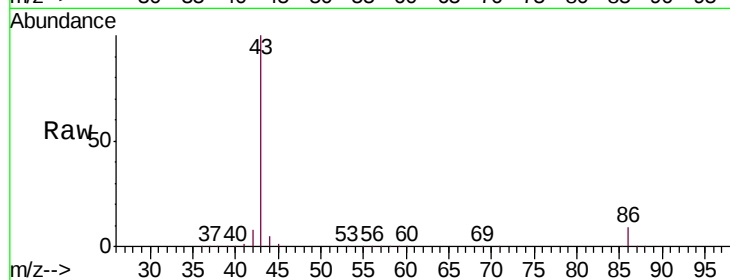
VSTDCCC050

Tgt Ion: 43 Resp: 1048184

Ion Ratio Lower Upper

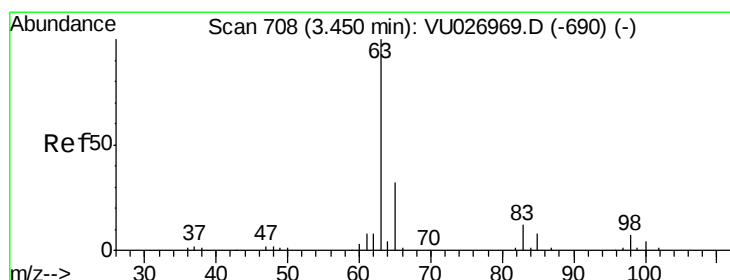
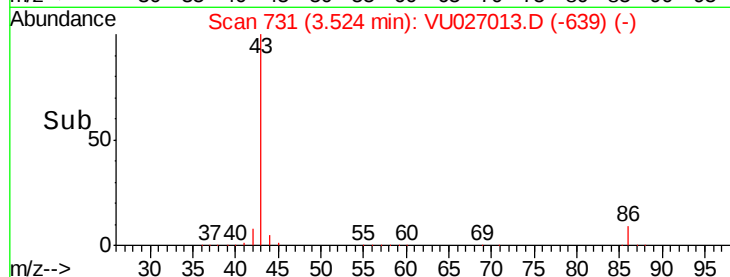
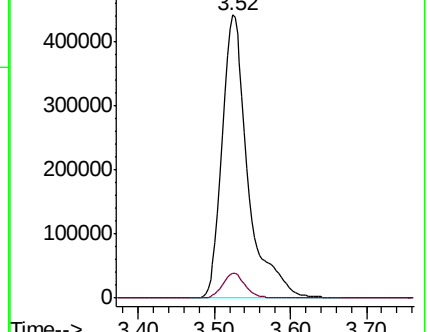
43 100

86 8.8 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VU027013.D (-639) (-)

Ion 86.00 (85.70 to 86.70): VU027013.D (-639) (-)



#24

1,1-Dichloroethane

Concen: 46.301 ug/l

RT: 3.45 min Scan# 707

Delta R.T. -0.00 min

Lab File: VU027013.D

Acq: 22 Sep 2018 14:04

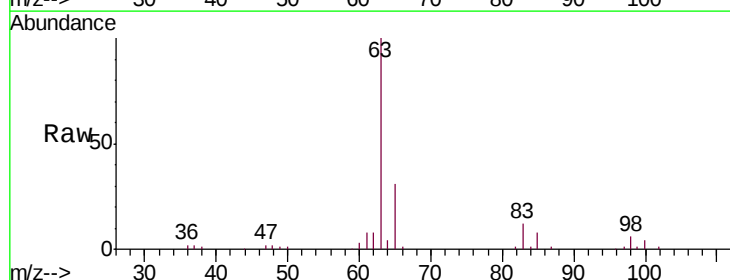
Tgt Ion: 63 Resp: 125726

Ion Ratio Lower Upper

63 100

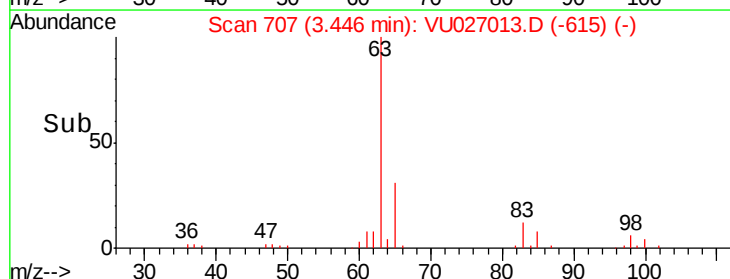
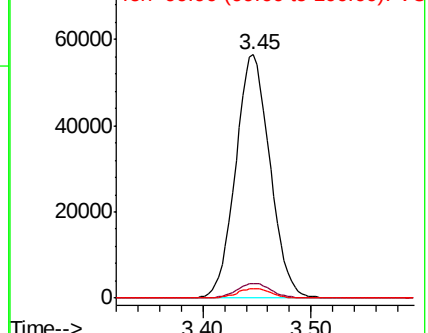
98 6.2 3.3 9.8

100 4.0 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VU027013.D (-615) (-)

Ion 97.90 (97.60 to 98.60): VU027013.D (-615) (-)





#25

2-Butanone

Concen: 239.002 ug/l

RT: 4.26 min Scan# 961

Delta R.T. -0.00 min

Lab File: VU027013.D

Acq: 22 Sep 2018 14:04

Instrument :

MSVOA_U

ClientSampleId :

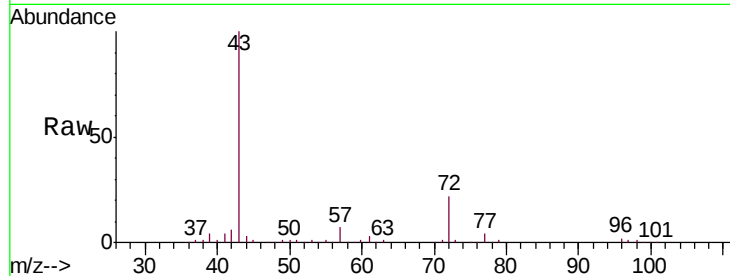
VSTDCCC050

Tgt Ion: 43 Resp: 332639

Ion Ratio Lower Upper

43 100

72 22.2 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

150000

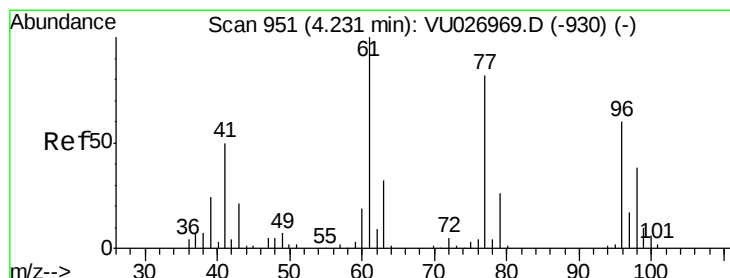
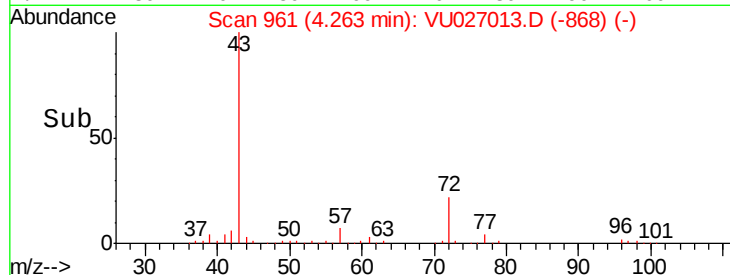
100000

50000

0

4.20 4.30

Time-->



#26

2,2-Dichloropropane

Concen: 46.082 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU027013.D

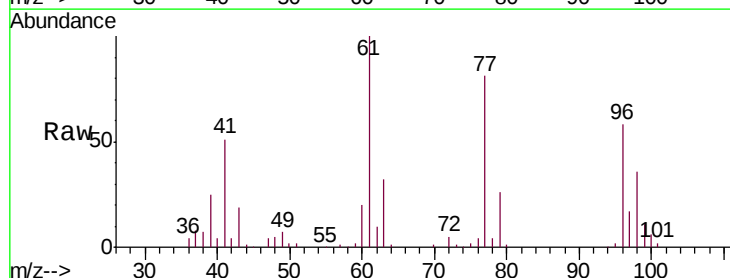
Acq: 22 Sep 2018 14:04

Tgt Ion: 77 Resp: 97588

Ion Ratio Lower Upper

77 100

97 21.6 10.5 31.5



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0

40000

30000

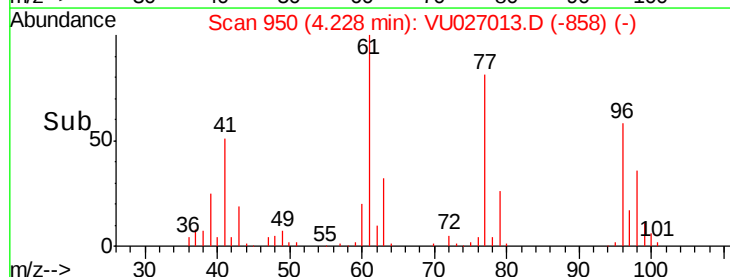
20000

10000

0

4.10 4.20 4.30

Time-->



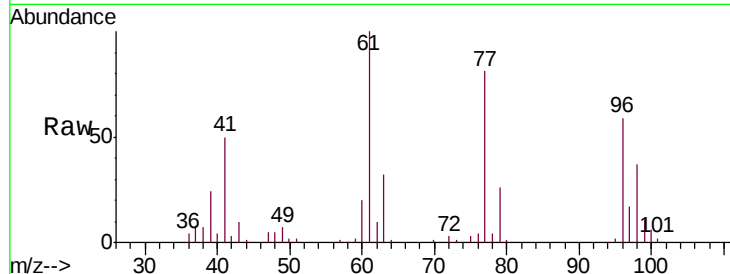


#27

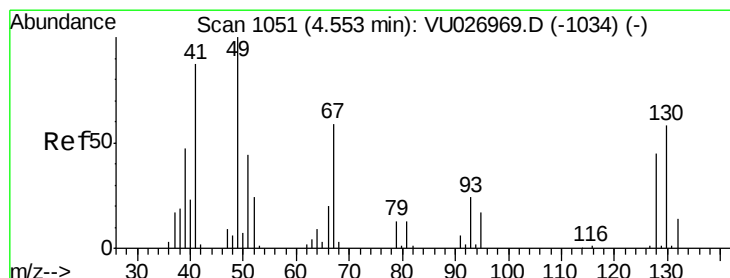
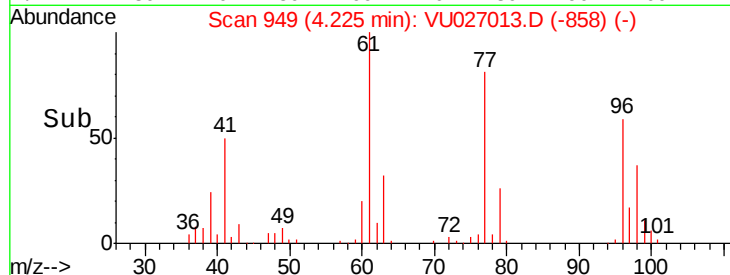
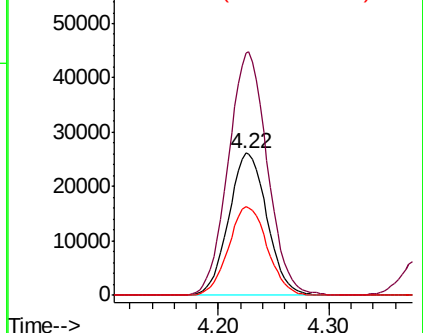
cis-1,2-Dichloroethene
Concen: 45.915 ug/l
RT: 4.22 min Scan# 949
Delta R.T. -0.01 min
Lab File: VU027013.D
Acq: 22 Sep 2018 14:04

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 62918
Ion Ratio Lower Upper
96 100
61 174.8 0.0 337.2
98 63.2 0.0 127.6



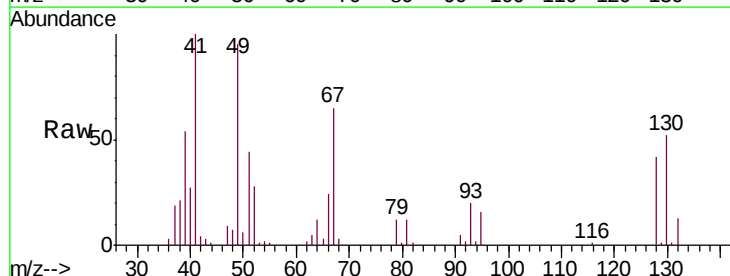
Abundance Ion 95.90 (95.60 to 96.60): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 97.90 (97.60 to 98.60): VU0



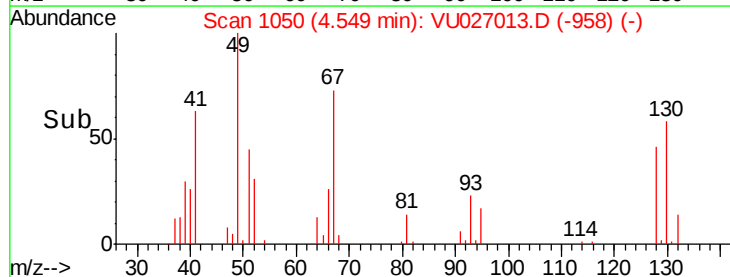
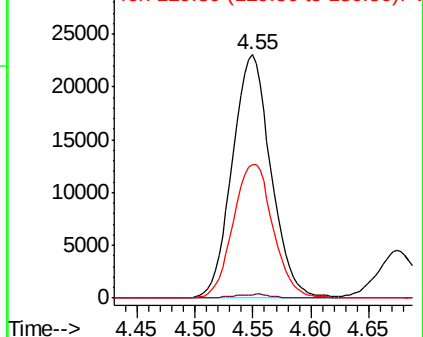
#28

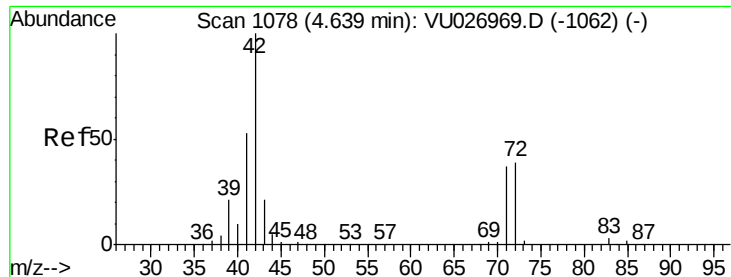
Bromochloromethane
Concen: 40.878 ug/l
RT: 4.55 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VU027013.D
Acq: 22 Sep 2018 14:04

Tgt Ion: 49 Resp: 53508
Ion Ratio Lower Upper
49 100
129 1.4 0.0 3.0
130 56.6 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: 243.960 ug/l

RT: 4.64 min Scan# 1078

Delta R.T. -0.00 min

Lab File: VU027013.D

Acq: 22 Sep 2018 14:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

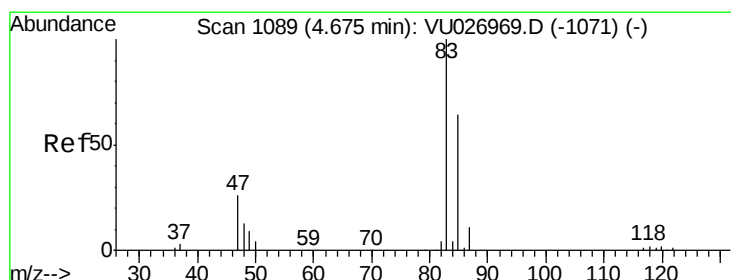
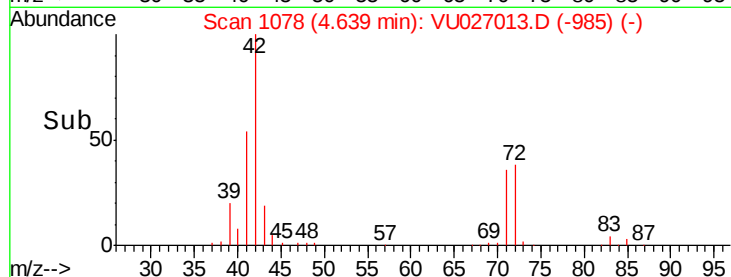
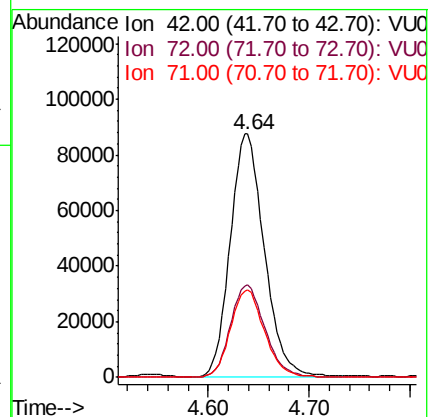
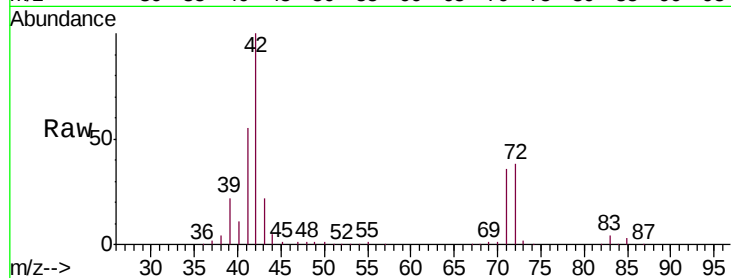
Tgt Ion: 42 Resp: 205399

Ion Ratio Lower Upper

42 100

72 38.8 31.7 47.5

71 36.1 29.6 44.4



#30

Chloroform

Concen: 44.804 ug/l

RT: 4.67 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VU027013.D

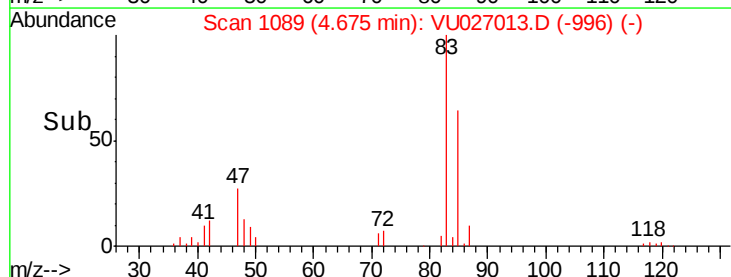
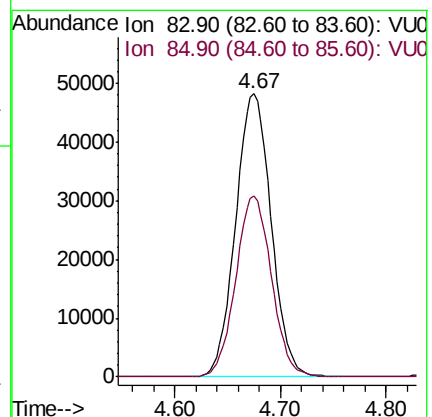
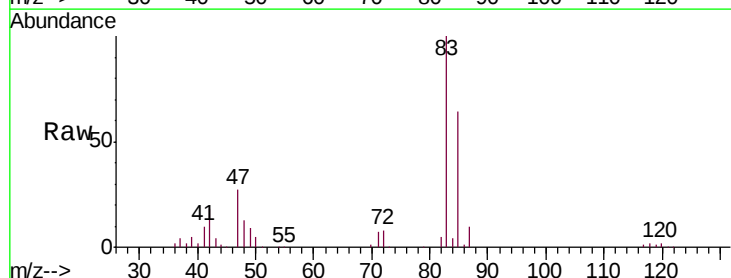
Acq: 22 Sep 2018 14:04

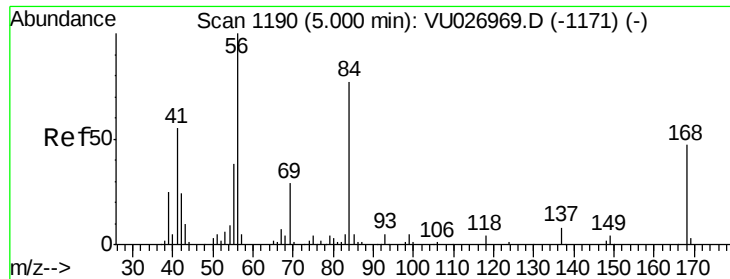
Tgt Ion: 83 Resp: 112931

Ion Ratio Lower Upper

83 100

85 64.0 51.5 77.3

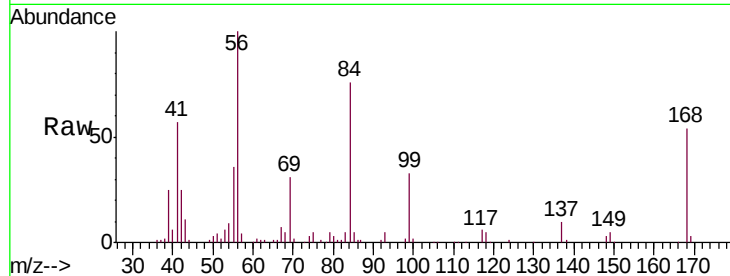




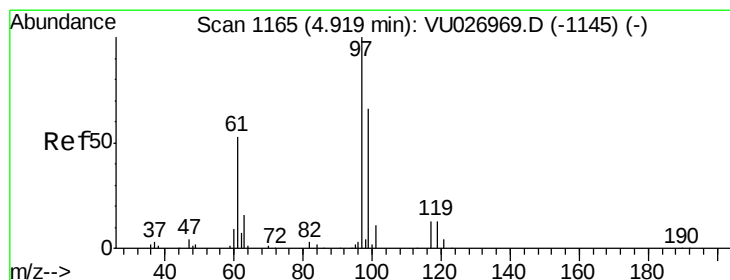
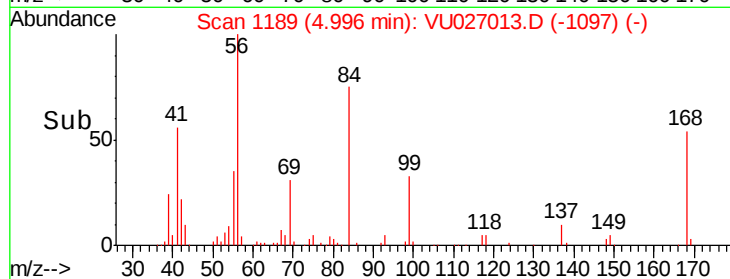
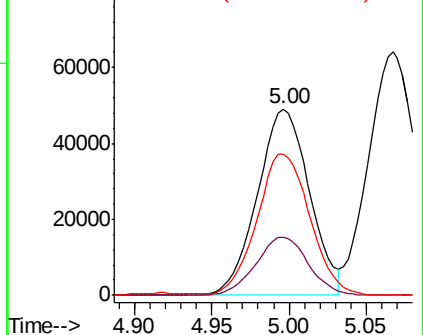
#31
Cyclohexane
Concen: 46.548 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VU027013.D
Acq: 22 Sep 2018 14:04

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 114996
Ion Ratio Lower Upper
56 100
69 31.2 23.0 34.4
84 75.2 61.4 92.2

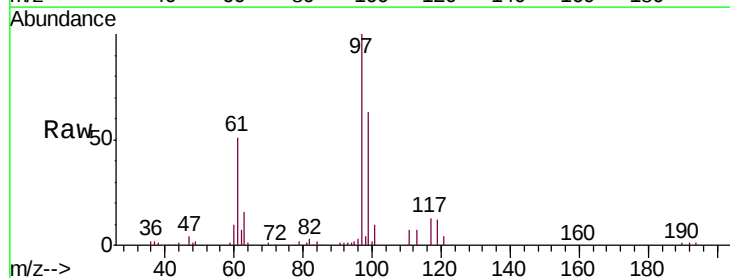


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

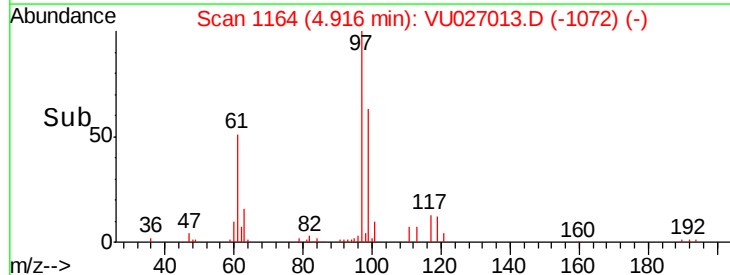
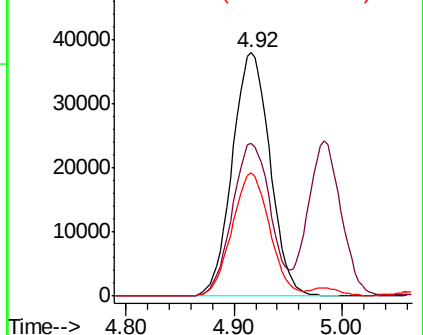


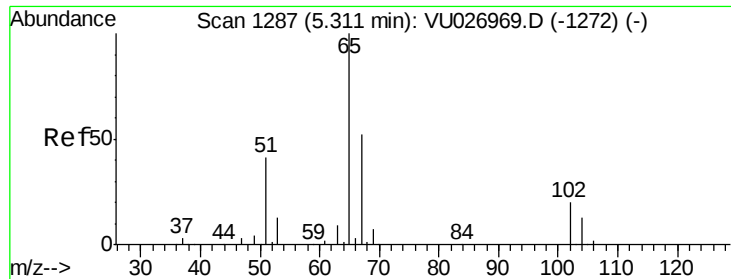
#32
1,1,1-Trichloroethane
Concen: 45.754 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. -0.00 min
Lab File: VU027013.D
Acq: 22 Sep 2018 14:04

Tgt Ion: 97 Resp: 92078
Ion Ratio Lower Upper
97 100
99 63.9 51.8 77.6
61 50.7 41.1 61.7



Abundance Ion 96.90 (96.60 to 97.60): VU0
Ion 98.90 (98.60 to 99.60): VU0
Ion 60.90 (60.60 to 61.60): VU0

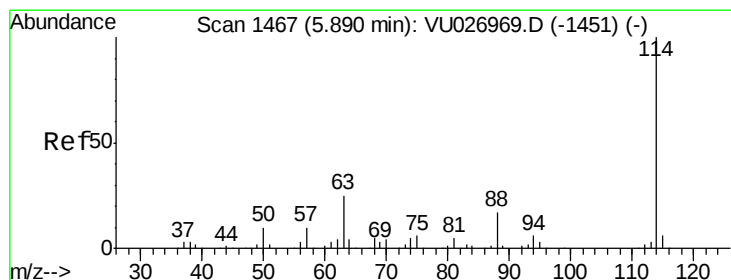
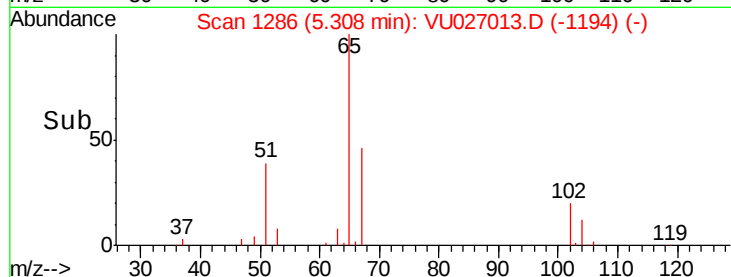
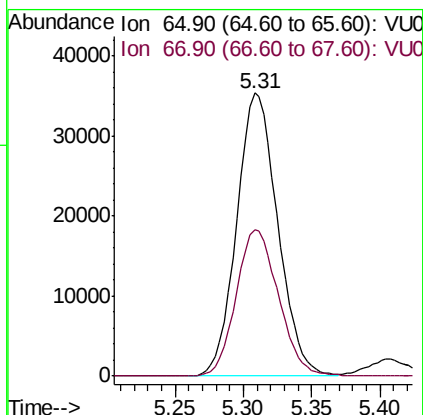
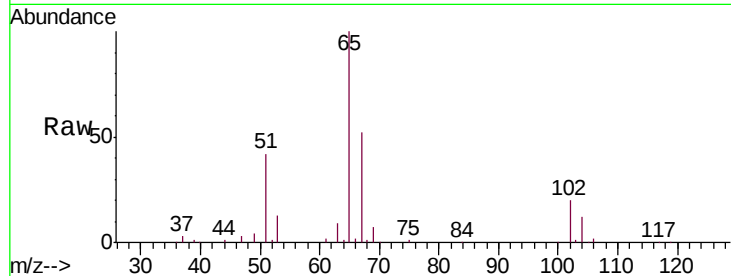




#33
 1,2-Dichloroethane-d4
 Concen: 44.630 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU027013.D
 Acq: 22 Sep 2018 14:04

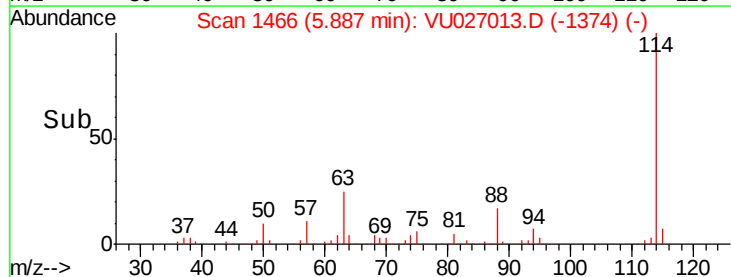
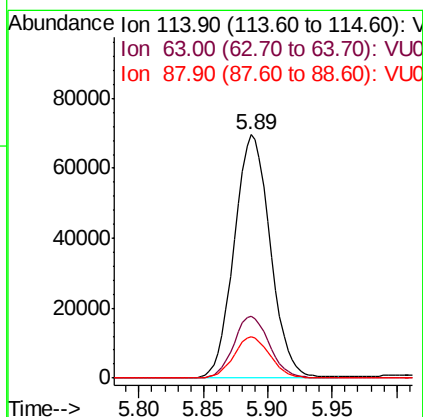
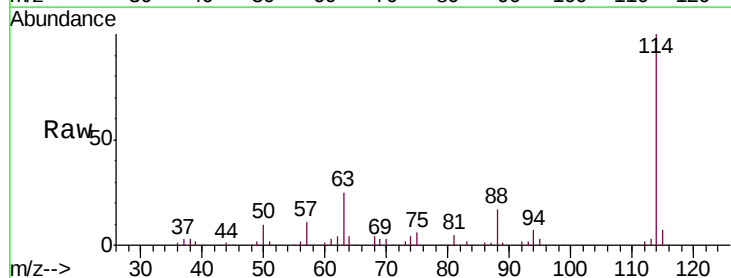
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 65 Resp: 73912
 Ion Ratio Lower Upper
 65 100
 67 53.3 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: VU027013.D
 Acq: 22 Sep 2018 14:04

Tgt Ion: 114 Resp: 135838
 Ion Ratio Lower Upper
 114 100
 63 25.4 0.0 49.2
 88 17.1 0.0 33.8

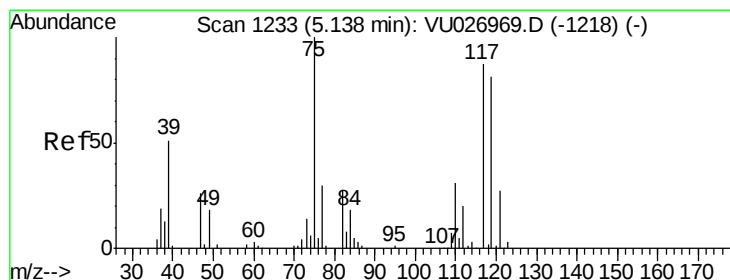
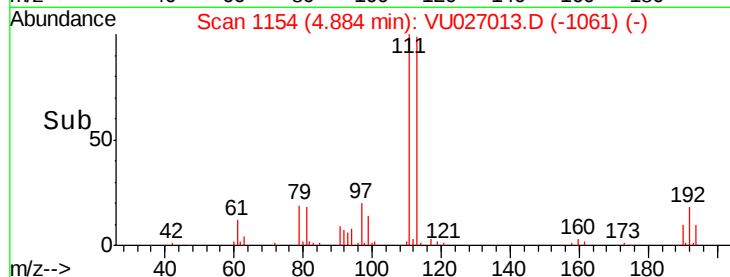
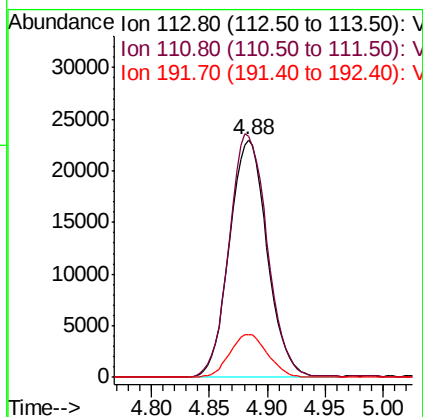
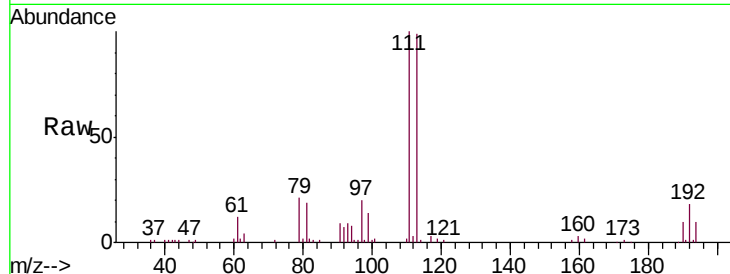




#35
 Dibromofluoromethane
 Concen: 44.134 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: VU027013.D
 Acq: 22 Sep 2018 14:04

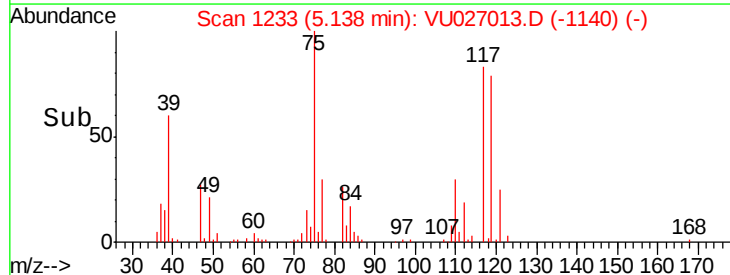
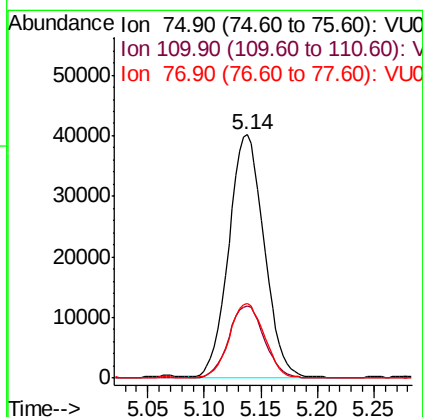
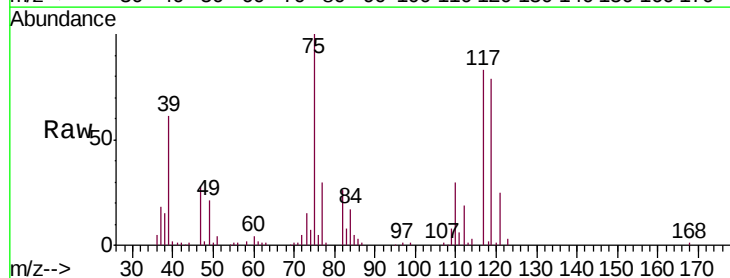
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

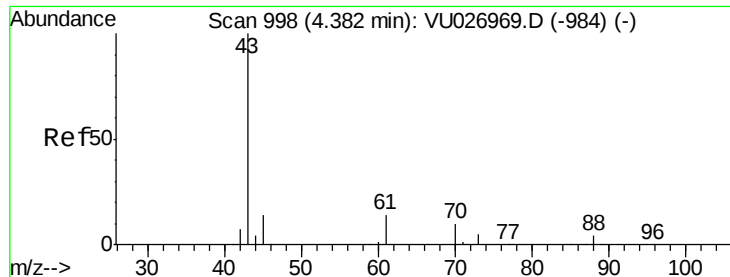
Tgt Ion: 113 Resp: 51965
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.2 123.4
 192 18.2 15.2 22.8



#36
 1,1-Dichloropropene
 Concen: 48.448 ug/l
 RT: 5.14 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: VU027013.D
 Acq: 22 Sep 2018 14:04

Tgt Ion: 75 Resp: 87832
 Ion Ratio Lower Upper
 75 100
 110 29.9 16.1 48.2
 77 30.3 24.6 36.8





#37

Ethyl Acetate

Concen: 46.535 ug/l

RT: 4.38 min Scan# 997

Delta R.T. -0.00 min

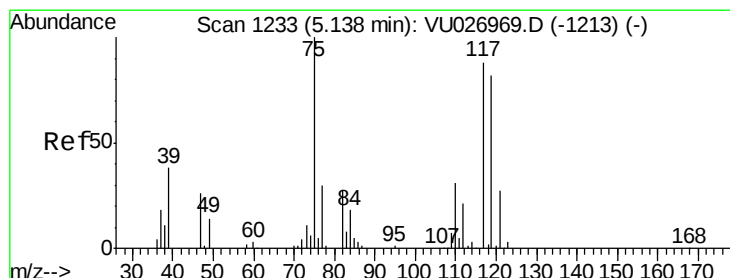
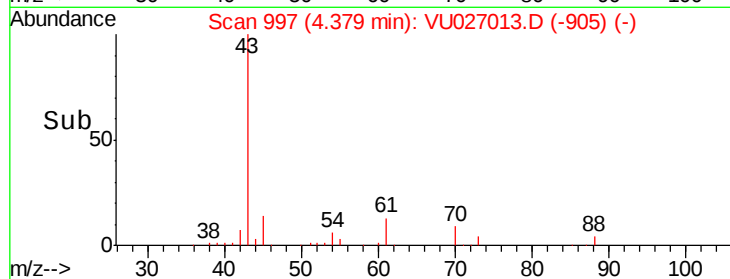
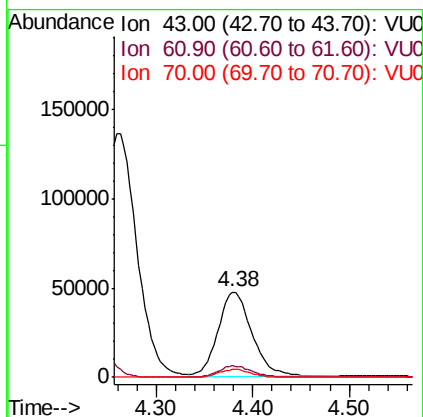
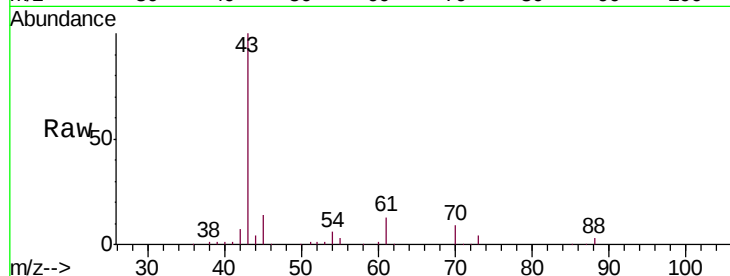
Lab File: VU027013.D

Acq: 22 Sep 2018 14:04

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 114206

Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.5	15.7
70	9.2	7.4	11.0



#38

Carbon Tetrachloride

Concen: 44.723 ug/l

RT: 5.13 min Scan# 1232

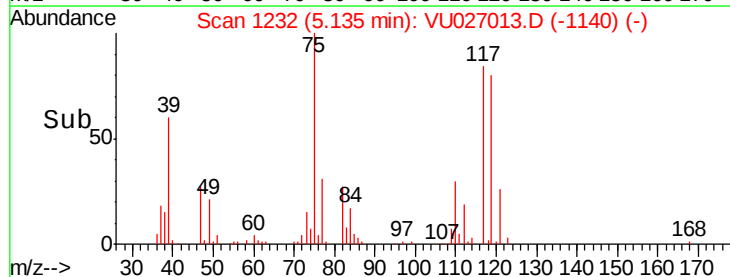
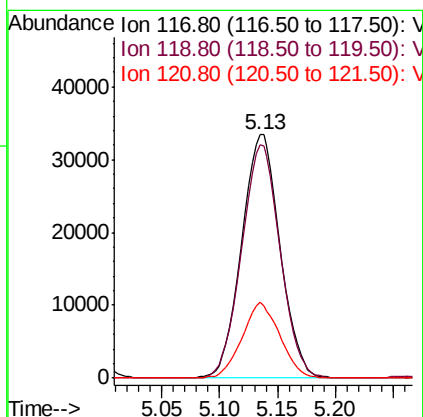
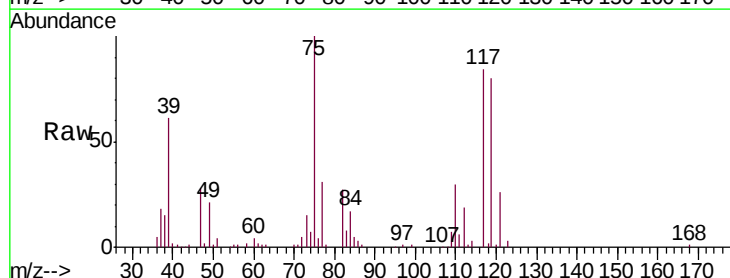
Delta R.T. -0.00 min

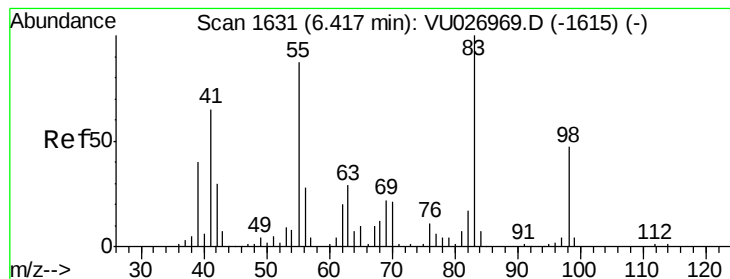
Lab File: VU027013.D

Acq: 22 Sep 2018 14:04

Tgt Ion: 117 Resp: 77157

Ion	Ratio	Lower	Upper
117	100		
119	95.7	74.4	111.6
121	31.0	24.2	36.4





#39

Methylcyclohexane

Concen: 50.632 ug/l

RT: 6.42 min Scan# 1631

Delta R.T. -0.00 min

Lab File: VU027013.D

Acq: 22 Sep 2018 14:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

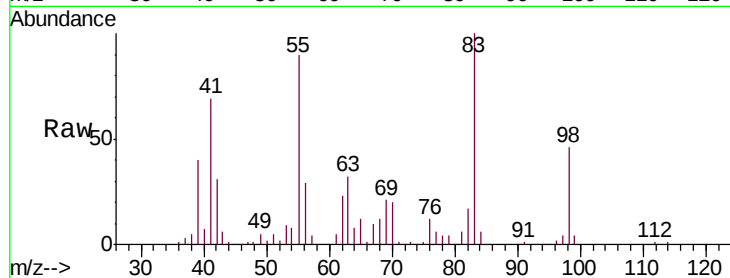
Tgt Ion: 83 Resp: 99751

Ion Ratio Lower Upper

83 100

55 90.2 69.9 104.9

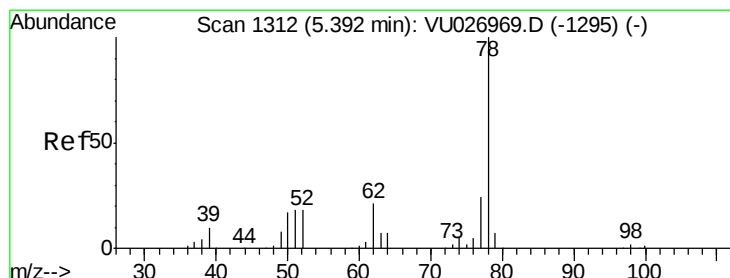
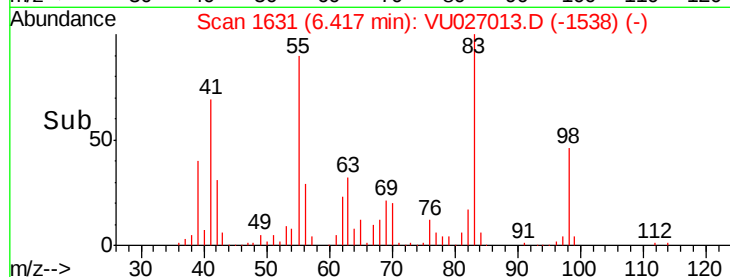
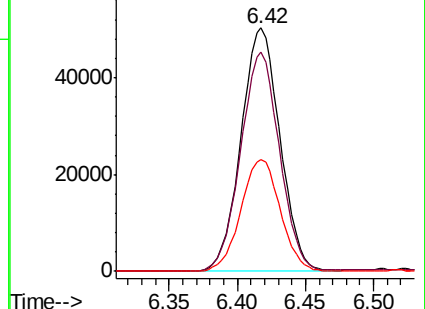
98 46.0 37.5 56.3



Abundance Ion 83.00 (82.70 to 83.70): VU026969.D (-1615) (-)

Ion 55.00 (54.70 to 55.70): VU026969.D (-1615) (-)

Ion 98.00 (97.70 to 98.70): VU026969.D (-1615) (-)



#40

Benzene

Concen: 46.577 ug/l

RT: 5.39 min Scan# 1312

Delta R.T. -0.00 min

Lab File: VU027013.D

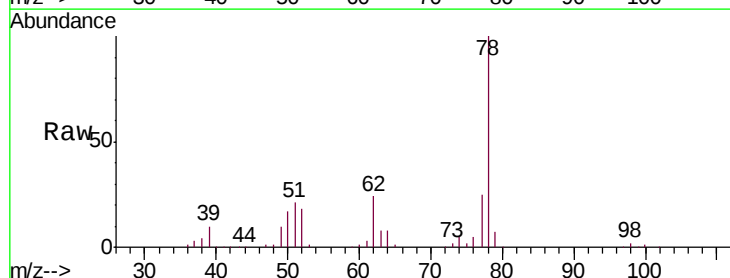
Acq: 22 Sep 2018 14:04

Tgt Ion: 78 Resp: 256694

Ion Ratio Lower Upper

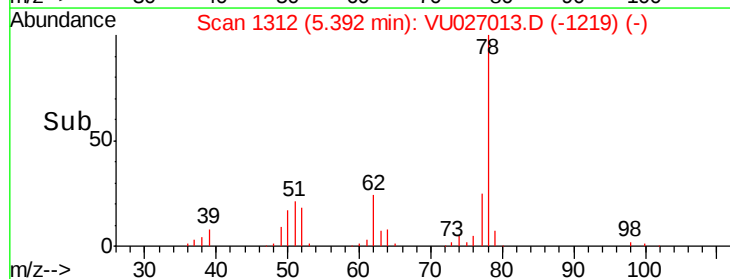
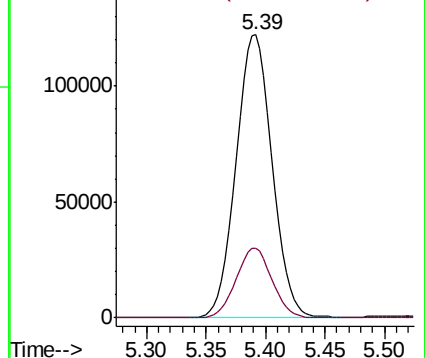
78 100

77 24.8 19.4 29.0



Abundance Ion 78.00 (77.70 to 78.70): VU026969.D (-1295) (-)

Ion 77.00 (76.70 to 77.70): VU026969.D (-1295) (-)

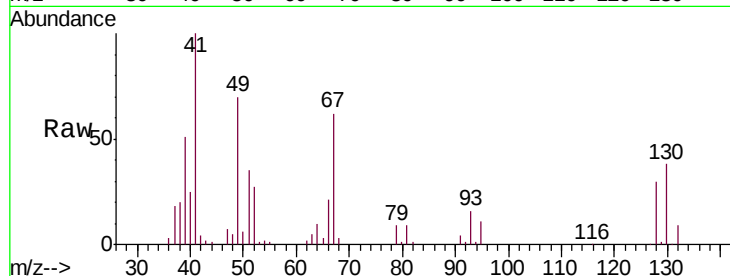




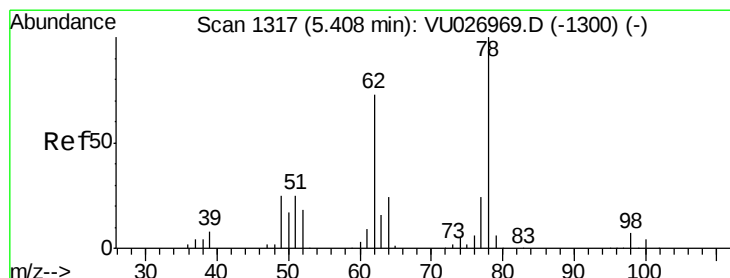
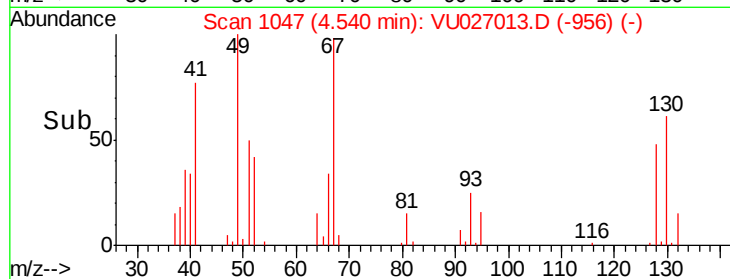
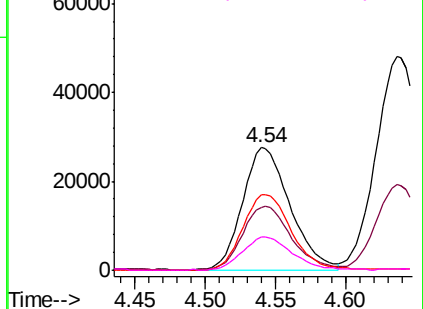
#41
Methacrylonitrile
Concen: 51.357 ug/l
RT: 4.54 min Scan# 1047
Delta R.T. -0.01 min
Lab File: VU027013.D
Acq: 22 Sep 2018 14:04

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 65459
Ion Ratio Lower Upper
41 100
39 53.5 42.9 64.3
67 62.8 52.4 78.6
52 27.2 21.3 31.9

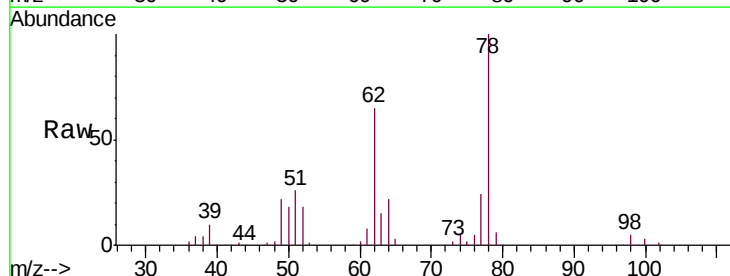


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

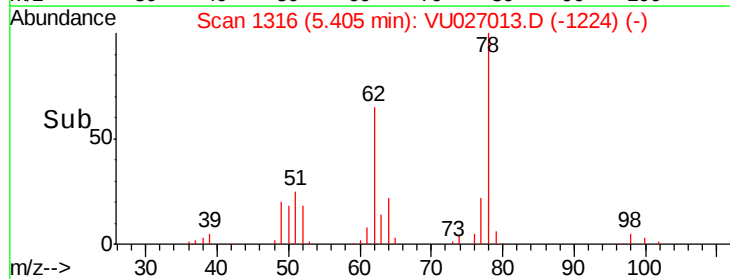
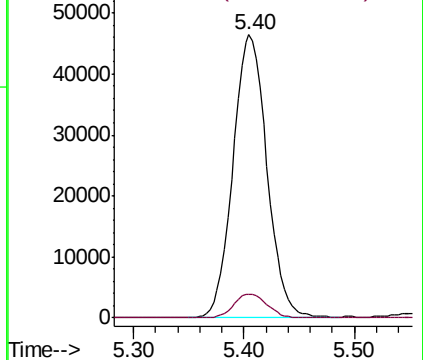


#42
1,2-Dichloroethane
Concen: 47.558 ug/l
RT: 5.40 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VU027013.D
Acq: 22 Sep 2018 14:04

Tgt Ion: 62 Resp: 99027
Ion Ratio Lower Upper
62 100
98 8.2 0.0 17.0



Abundance Ion 61.90 (61.60 to 62.60): VU0
Ion 97.90 (97.60 to 98.60): VU0

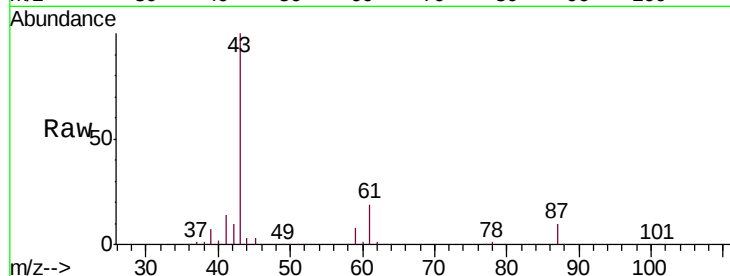




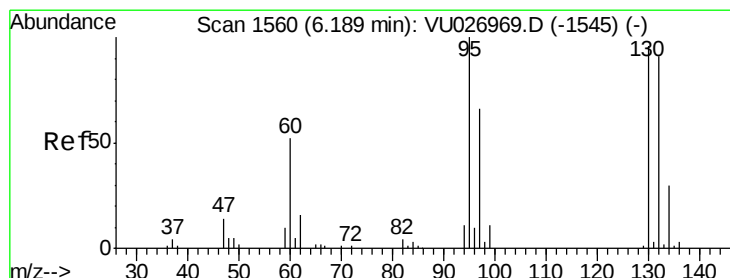
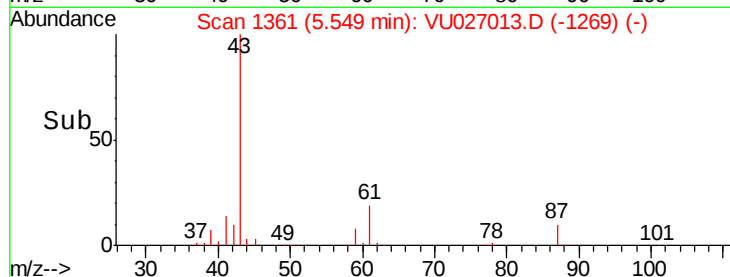
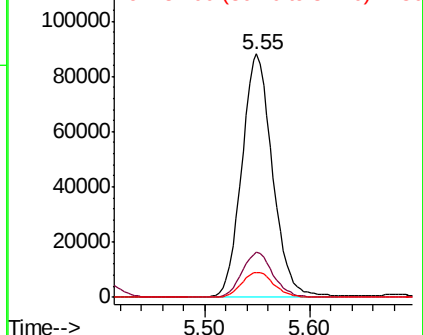
#43
Isopropyl Acetate
Concen: 49.830 ug/l
RT: 5.55 min Scan# 1361
Delta R.T. -0.00 min
Lab File: VU027013.D
Acq: 22 Sep 2018 14:04

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 178348
Ion Ratio Lower Upper
43 100
61 18.9 15.7 23.5
87 10.8 9.0 13.4

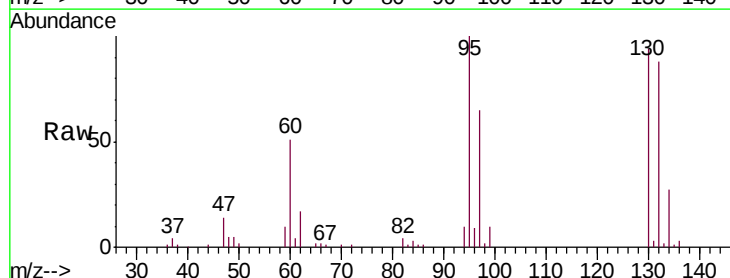


Abundance Ion 43.00 (42.70 to 43.70): VU0
120000
Ion 61.00 (60.70 to 61.70): VU0
100000
Ion 87.00 (86.70 to 87.70): VU0

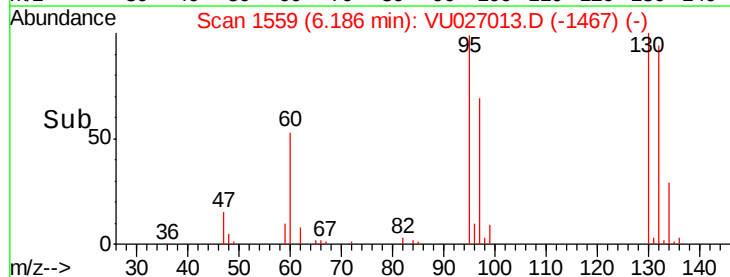
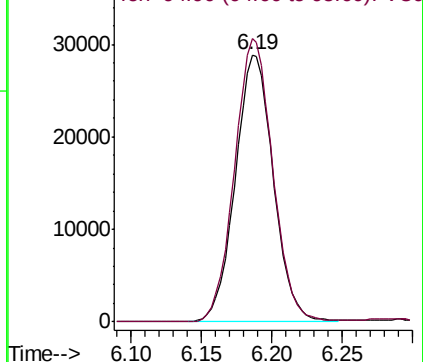


#44
Trichloroethene
Concen: 46.511 ug/l
RT: 6.19 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VU027013.D
Acq: 22 Sep 2018 14:04

Tgt Ion: 130 Resp: 54571
Ion Ratio Lower Upper
130 100
95 106.1 0.0 208.8



Abundance Ion 129.80 (129.50 to 130.50): V
30000
Ion 94.90 (94.60 to 95.60): VU0

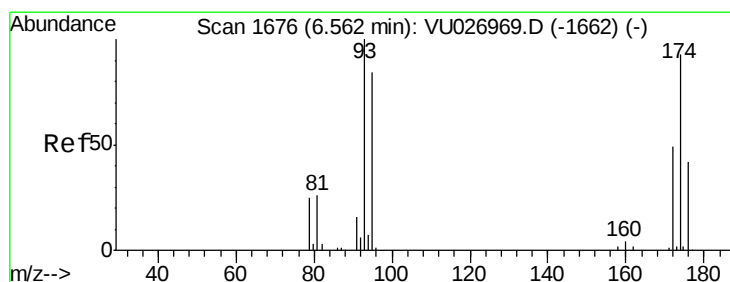
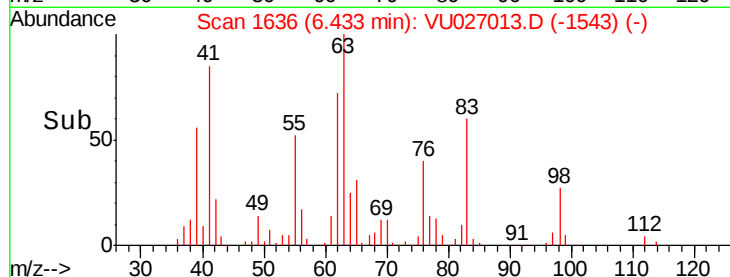
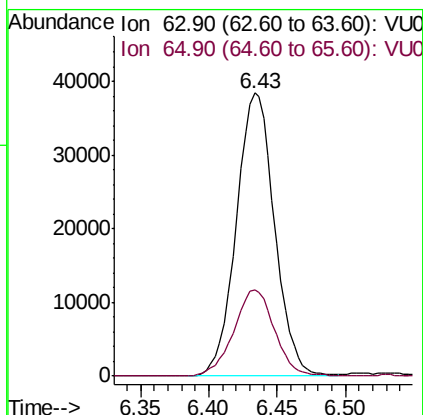
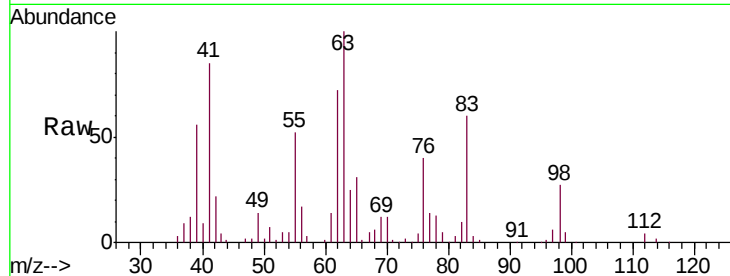




#45
 1,2-Dichloropropane
 Concen: 47.568 ug/l
 RT: 6.43 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: VU027013.D
 Acq: 22 Sep 2018 14:04

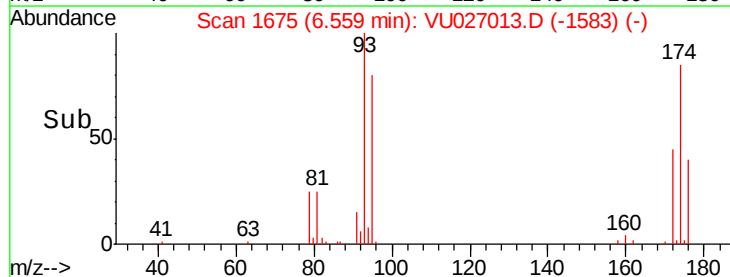
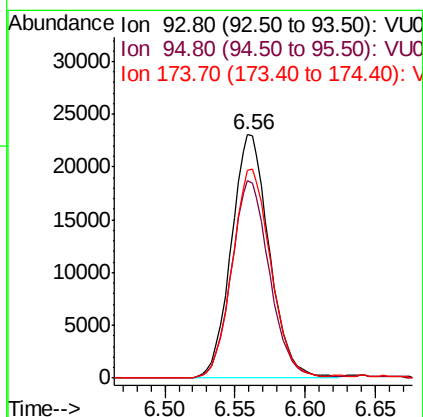
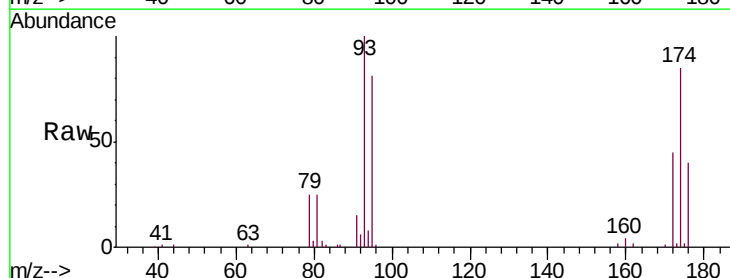
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 63 Resp: 74698
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.3 36.5



#46
 Dibromomethane
 Concen: 45.795 ug/l
 RT: 6.56 min Scan# 1675
 Delta R.T. -0.00 min
 Lab File: VU027013.D
 Acq: 22 Sep 2018 14:04

Tgt Ion: 93 Resp: 43432
 Ion Ratio Lower Upper
 93 100
 95 81.1 66.2 99.4
 174 86.9 71.7 107.5





#47

Bromodichloromethane

Concen: 45.071 ug/l

RT: 6.76 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VU027013.D

Acq: 22 Sep 2018 14:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

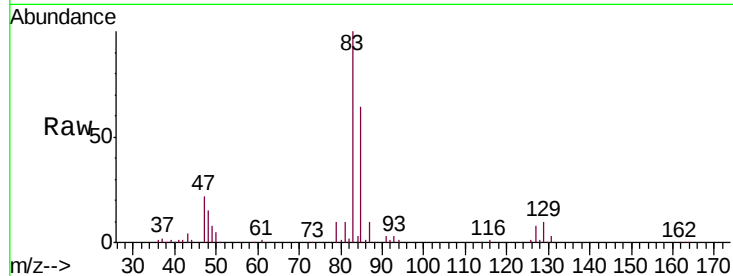
Tgt Ion: 83 Resp: 86434

Ion Ratio Lower Upper

83 100

85 64.0 52.5 78.7

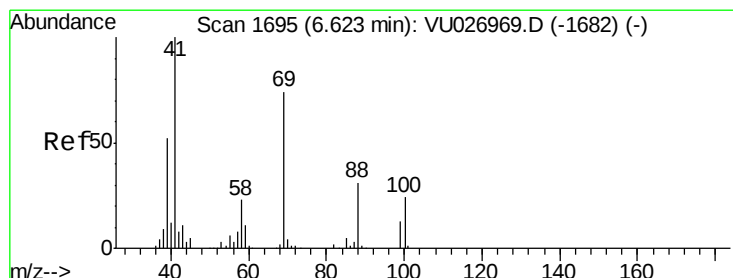
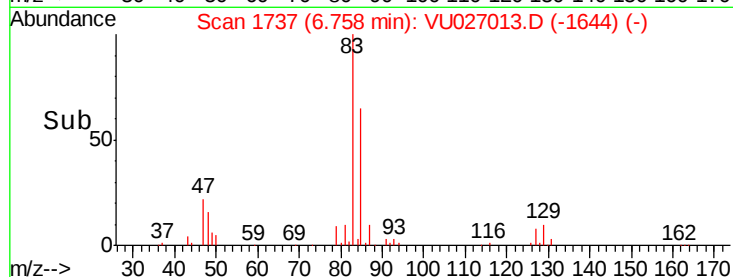
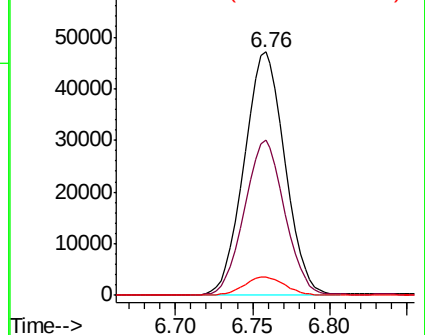
127 7.6 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VU026969.D (-1722) (-)

Ion 84.90 (84.60 to 85.60): VU026969.D (-1722) (-)

Ion 126.80 (126.50 to 127.50): VU026969.D (-1722) (-)



#48

Methyl methacrylate

Concen: 46.195 ug/l

RT: 6.62 min Scan# 1695

Delta R.T. 0.00 min

Lab File: VU027013.D

Acq: 22 Sep 2018 14:04

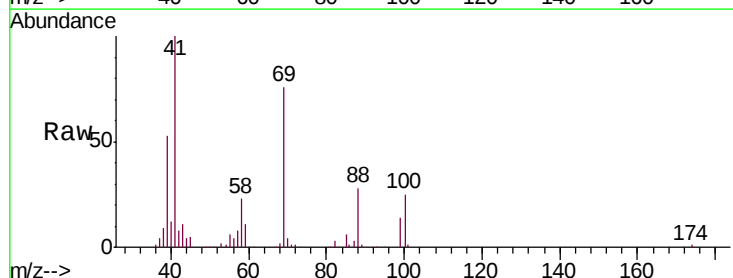
Tgt Ion: 41 Resp: 89837

Ion Ratio Lower Upper

41 100

69 75.5 60.6 90.8

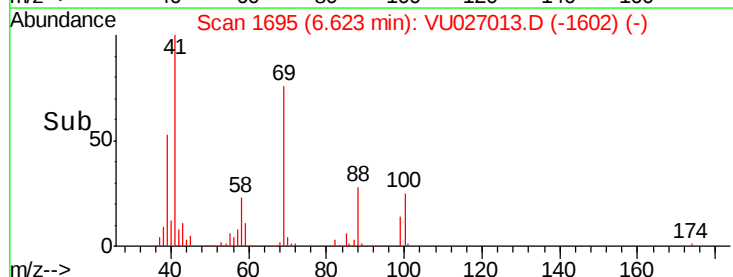
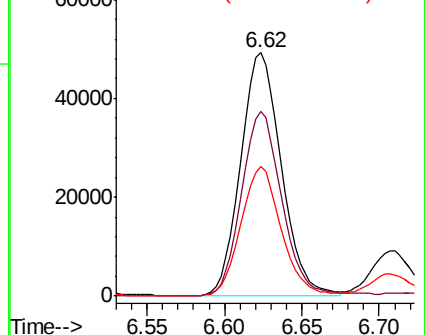
39 53.0 42.8 64.2



Abundance Ion 41.00 (40.70 to 41.70): VU026969.D (-1682) (-)

Ion 69.00 (68.70 to 69.70): VU026969.D (-1682) (-)

Ion 39.00 (38.70 to 39.70): VU026969.D (-1682) (-)

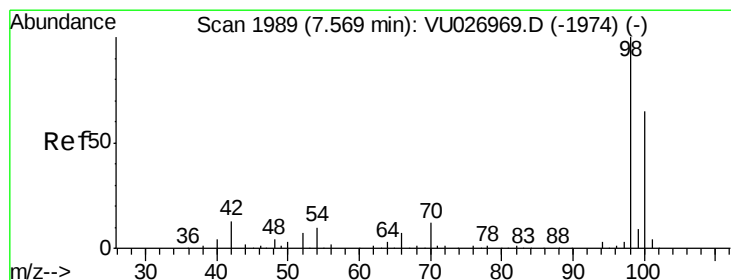
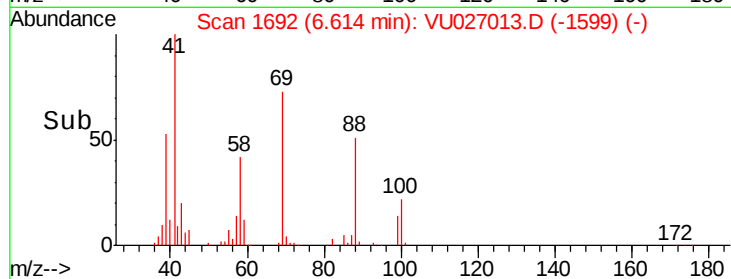
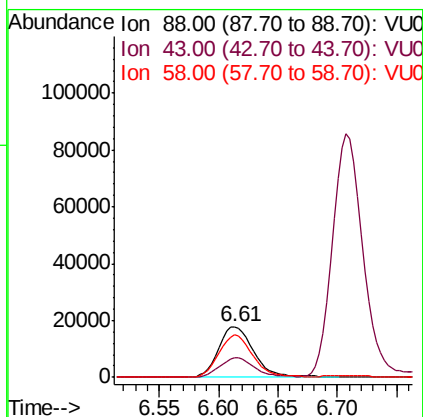
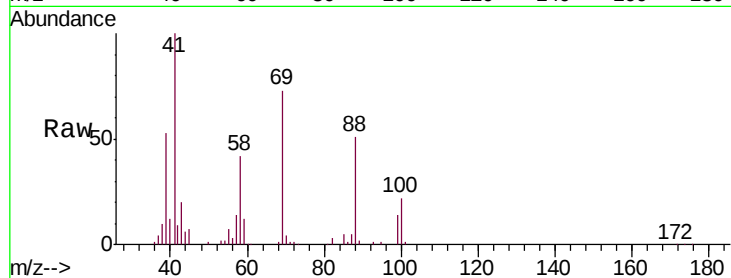




#49
1,4-Dioxane
Concen: 951.509 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VU027013.D
Acq: 22 Sep 2018 14:04

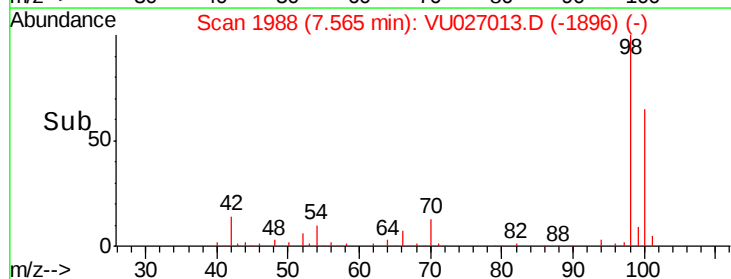
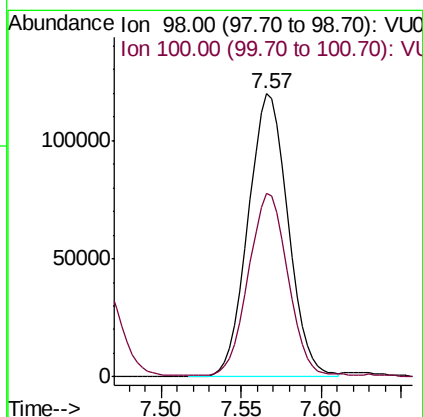
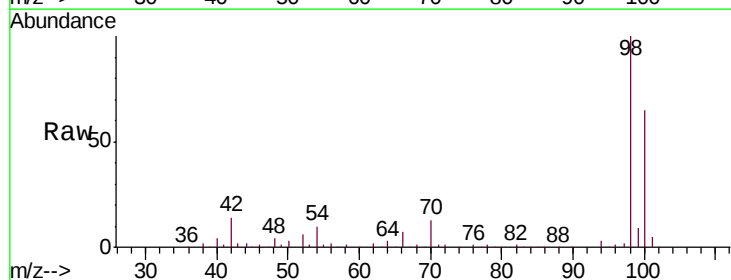
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 36815
Ion Ratio Lower Upper
88 100
43 38.4 29.8 44.8
58 80.8 63.9 95.9



#50
Toluene-d8
Concen: 45.692 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027013.D
Acq: 22 Sep 2018 14:04

Tgt Ion: 98 Resp: 205033
Ion Ratio Lower Upper
98 100
100 63.0 52.1 78.1

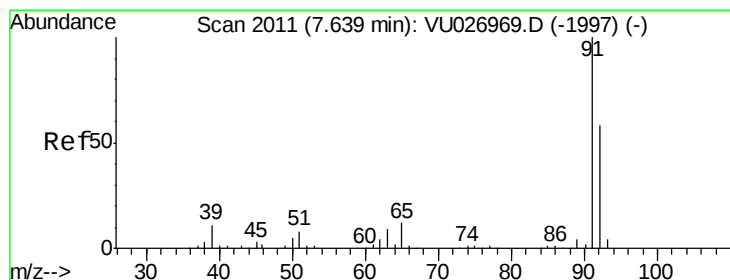
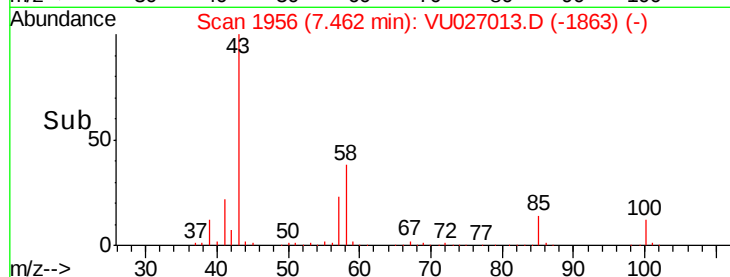
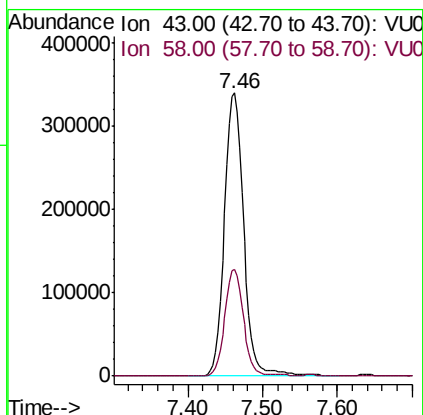
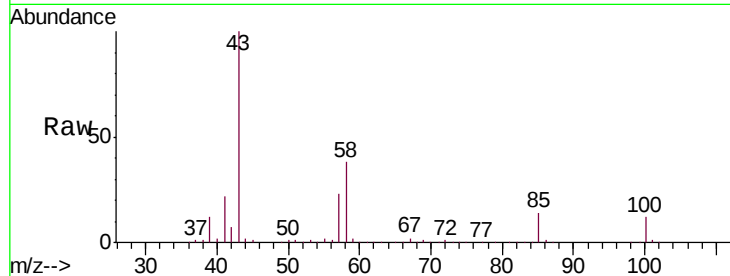




#51
4-Methyl-2-Pentanone
Concen: 251.493 ug/l
RT: 7.46 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VU027013.D
Acq: 22 Sep 2018 14:04

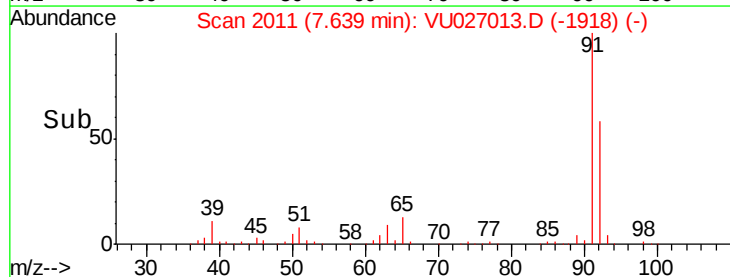
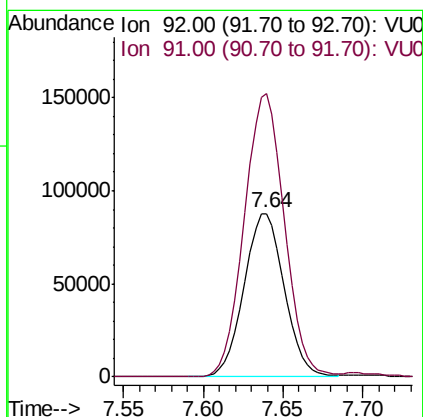
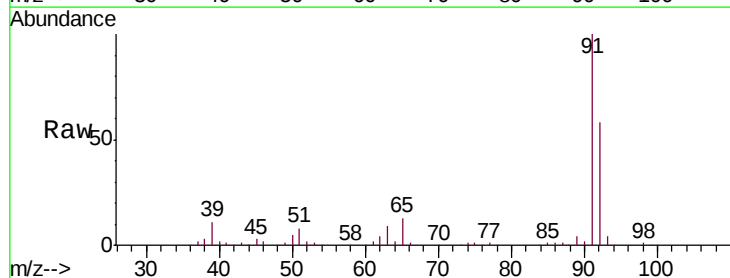
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

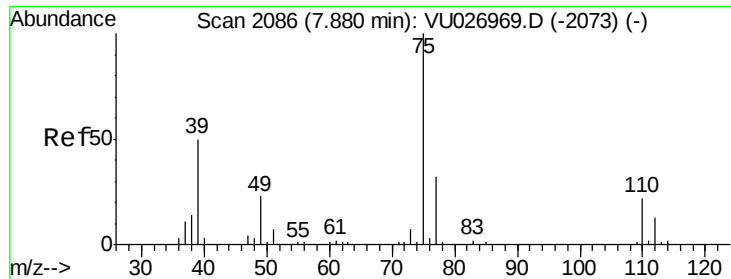
Tgt Ion: 43 Resp: 605393
Ion Ratio Lower Upper
43 100
58 36.9 29.8 44.6



#52
Toluene
Concen: 47.779 ug/l
RT: 7.64 min Scan# 2011
Delta R.T. -0.00 min
Lab File: VU027013.D
Acq: 22 Sep 2018 14:04

Tgt Ion: 92 Resp: 150937
Ion Ratio Lower Upper
92 100
91 172.6 136.4 204.6

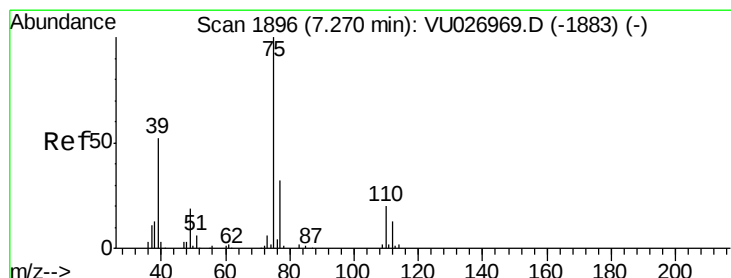
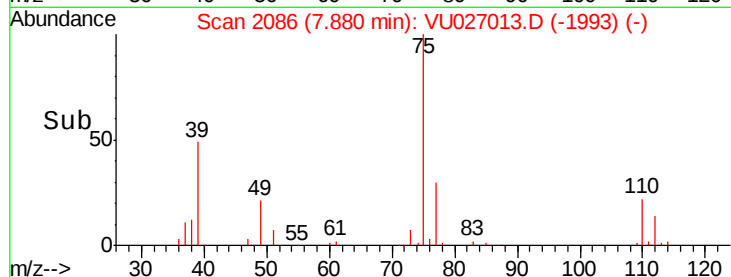
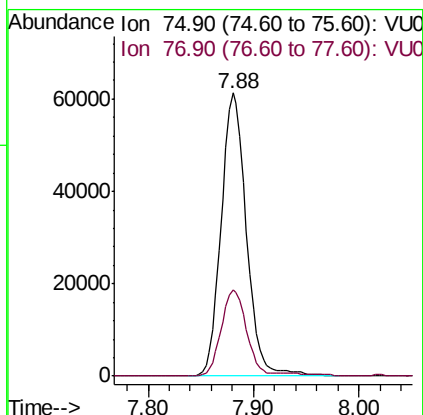
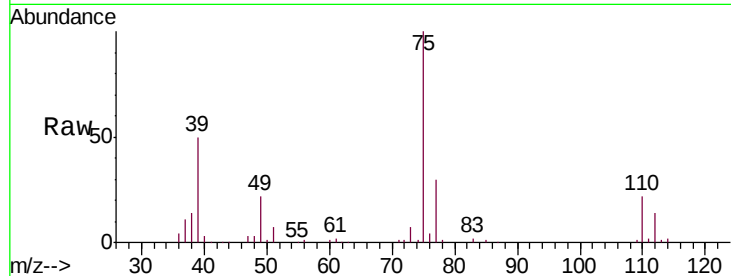




#53
t-1,3-Dichloropropene
Concen: 49.421 ug/l
RT: 7.88 min Scan# 2086
Delta R.T. -0.00 min
Lab File: VU027013.D
Acq: 22 Sep 2018 14:04

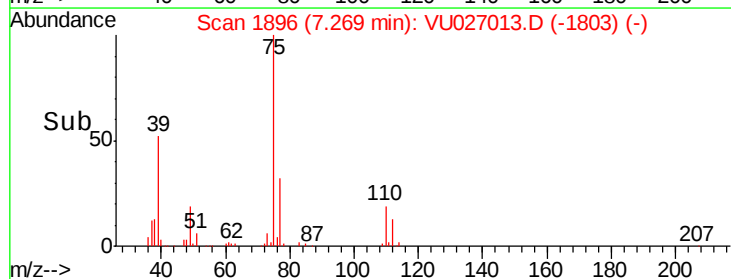
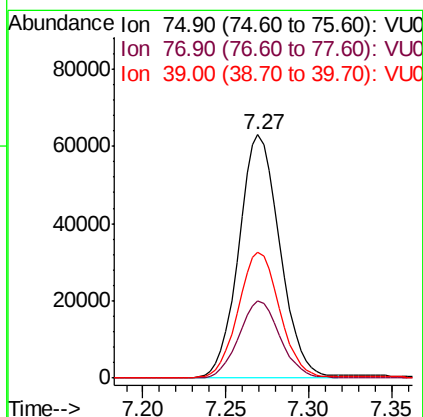
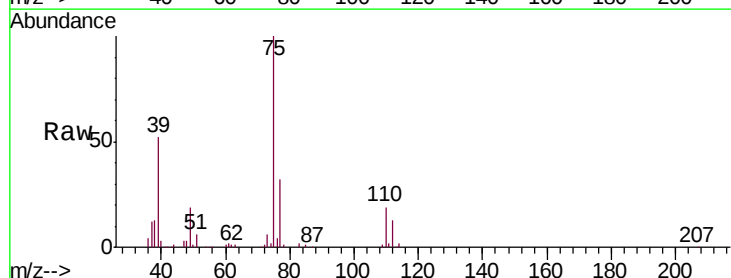
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

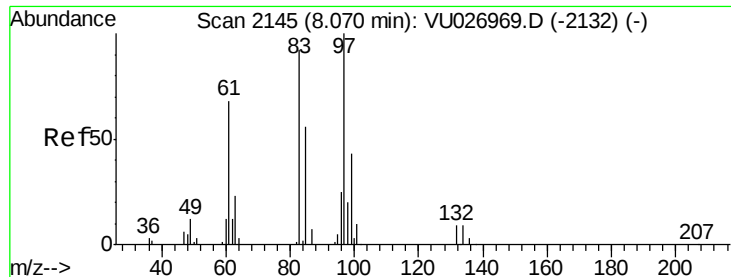
Tgt Ion: 75 Resp: 101828
Ion Ratio Lower Upper
75 100
77 30.3 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 47.933 ug/l
RT: 7.27 min Scan# 1896
Delta R.T. -0.00 min
Lab File: VU027013.D
Acq: 22 Sep 2018 14:04

Tgt Ion: 75 Resp: 108593
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.0
39 51.7 41.6 62.4

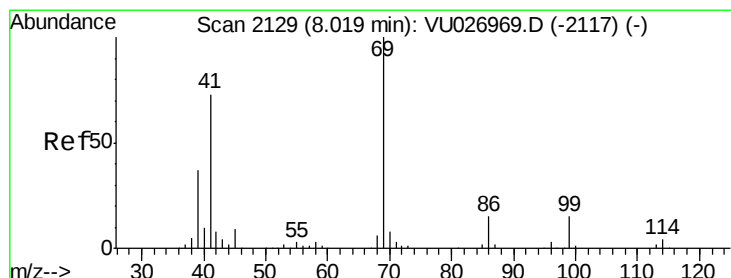
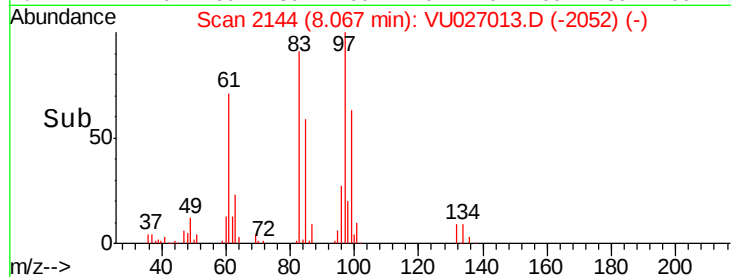
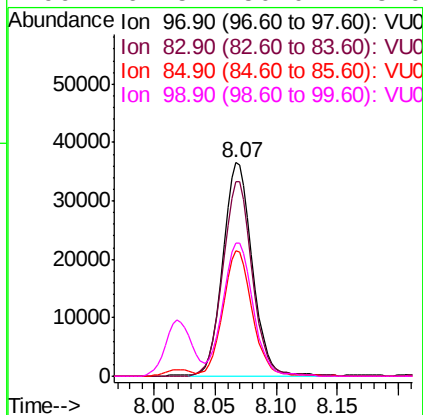
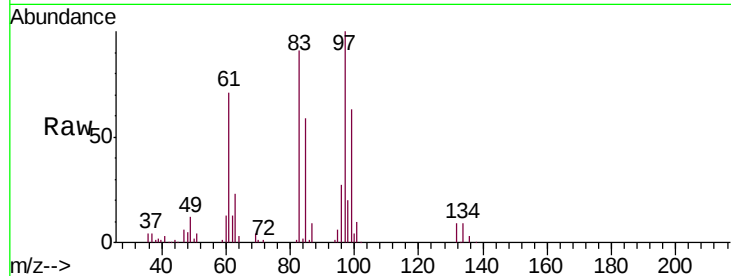




#55
 1,1,2-Trichloroethane
 Concen: 46.525 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VU027013.D
 Acq: 22 Sep 2018 14:04

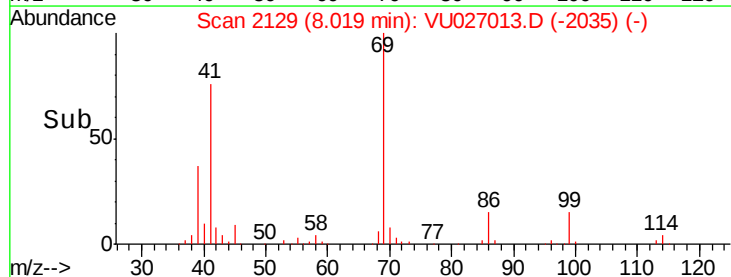
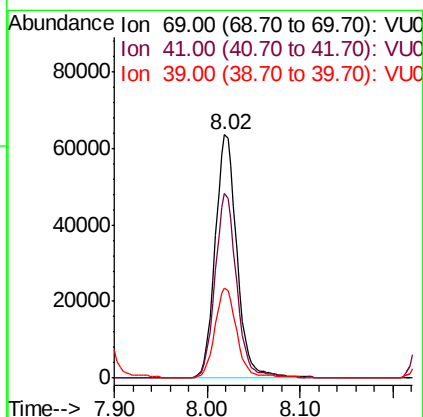
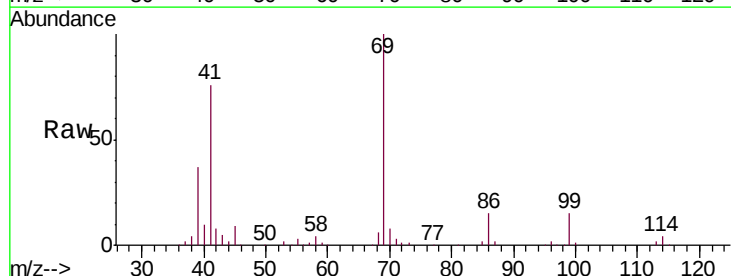
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

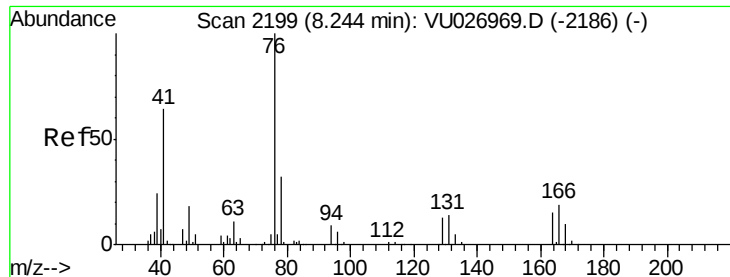
Tgt Ion:	97	Resp:	62276
Ion	Ratio	Lower	Upper
97	100		
83	90.8	73.1	109.7
85	58.4	46.7	70.1
99	62.5	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 44.983 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU027013.D
 Acq: 22 Sep 2018 14:04

Tgt Ion:	69	Resp:	103940
Ion	Ratio	Lower	Upper
69	100		
41	75.4	59.0	88.4
39	37.0	30.2	45.4

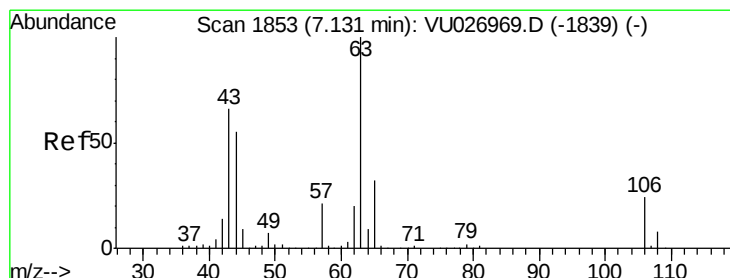
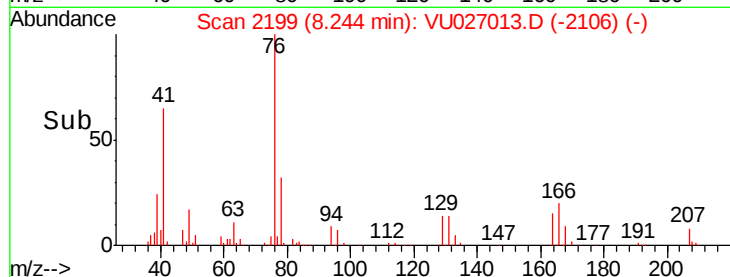
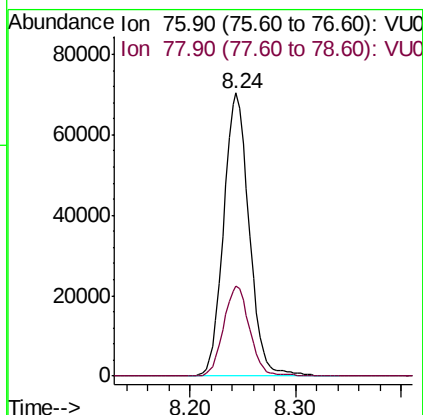
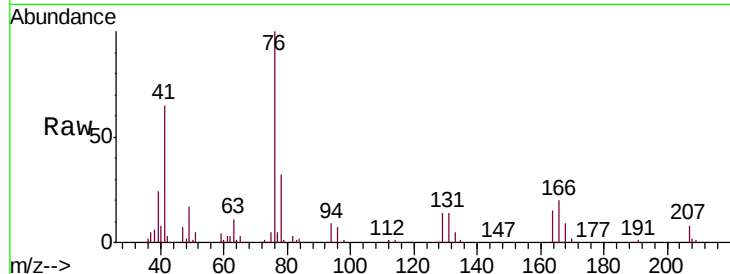




#57
 1,3-Dichloropropane
 Concen: 47.336 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: VU027013.D
 Acq: 22 Sep 2018 14:04

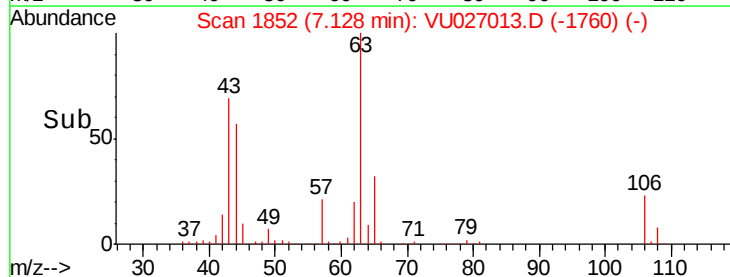
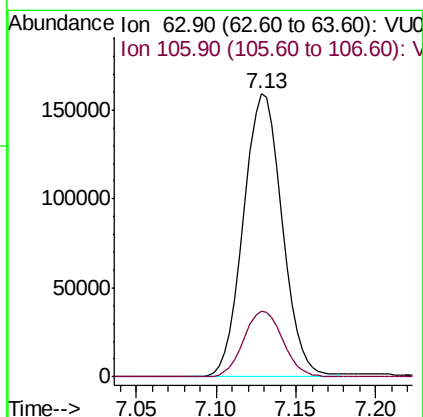
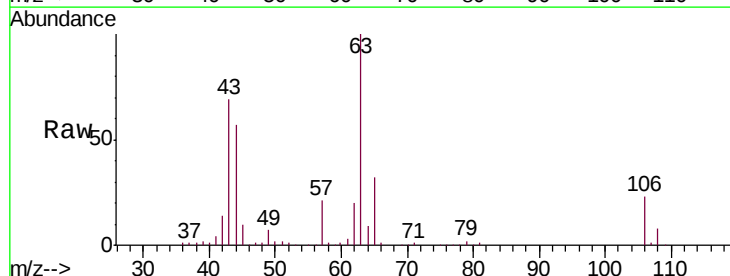
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

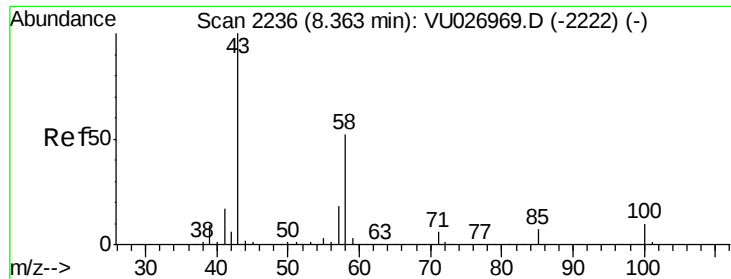
Tgt Ion: 76 Resp: 117849
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 200.822 ug/l
 RT: 7.13 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VU027013.D
 Acq: 22 Sep 2018 14:04

Tgt Ion: 63 Resp: 263415
 Ion Ratio Lower Upper
 63 100
 106 23.4 18.7 28.1

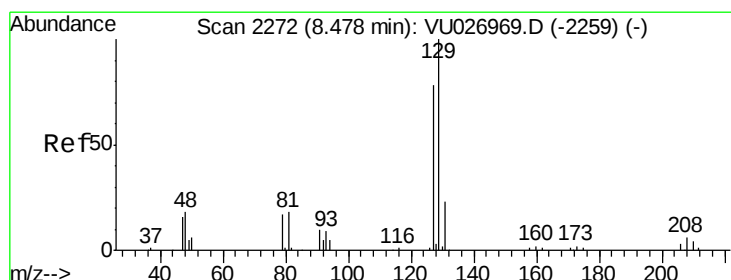
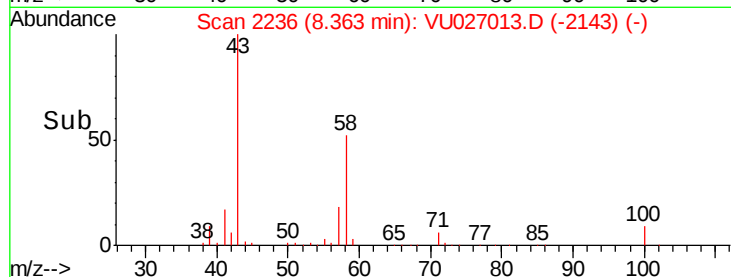
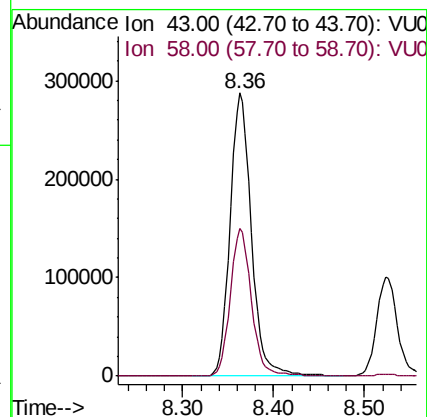
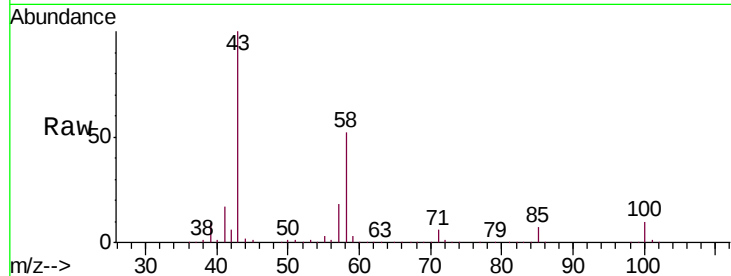




#59
2-Hexanone
Concen: 248.720 ug/l
RT: 8.36 min Scan# 2236
Delta R.T. -0.00 min
Lab File: VU027013.D
Acq: 22 Sep 2018 14:04

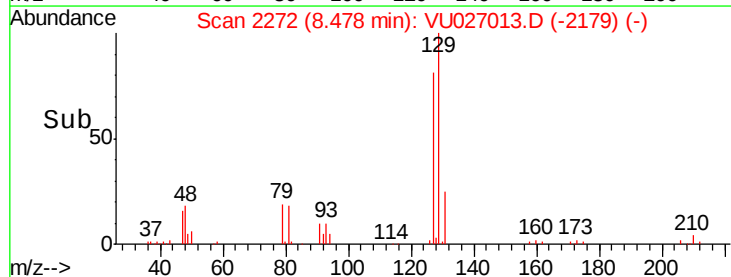
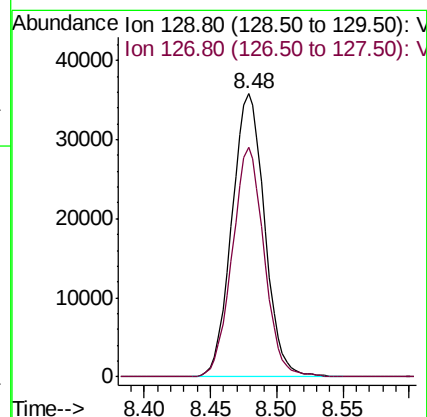
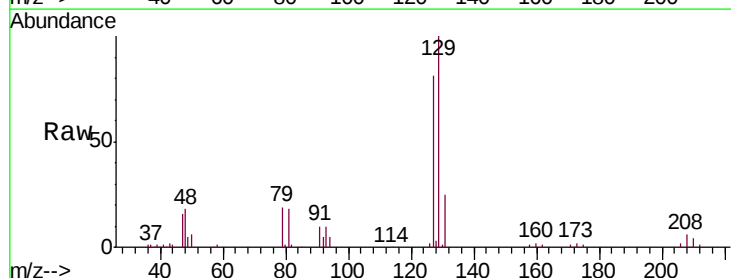
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

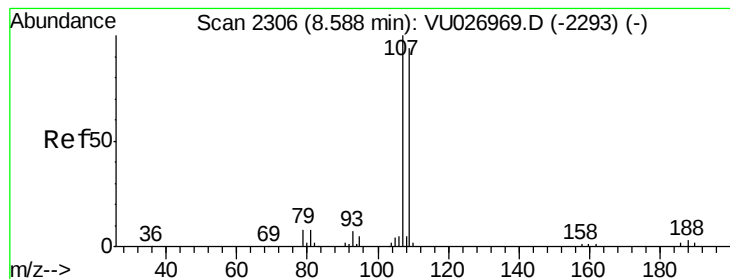
Tgt Ion: 43 Resp: 468665
Ion Ratio Lower Upper
43 100
58 51.9 26.1 78.2



#60
Dibromochloromethane
Concen: 46.866 ug/l
RT: 8.48 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VU027013.D
Acq: 22 Sep 2018 14:04

Tgt Ion: 129 Resp: 61535
Ion Ratio Lower Upper
129 100
127 79.0 38.1 114.5





#61

1,2-Dibromoethane

Concen: 46.608 ug/l

RT: 8.59 min Scan# 2306

Delta R.T. -0.00 min

Lab File: VU027013.D

Acq: 22 Sep 2018 14:04

Instrument :

MSVOA_U

ClientSampleId :

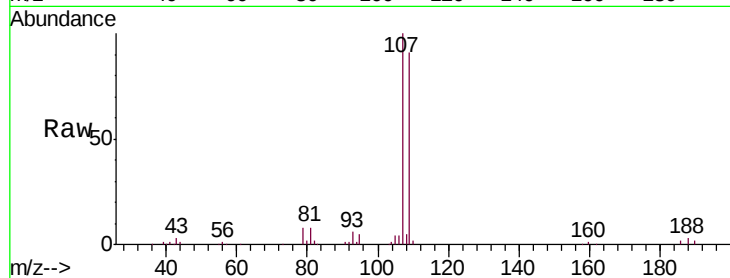
VSTDCCC050

Tgt Ion: 107 Resp: 64912

Ion Ratio Lower Upper

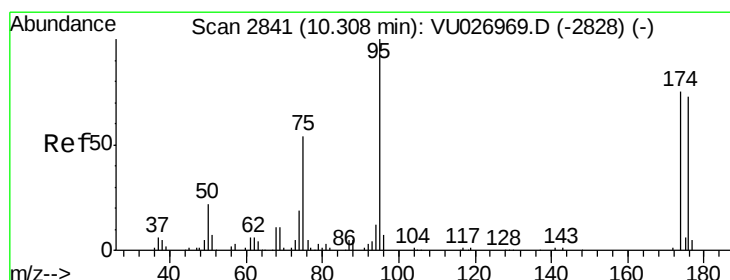
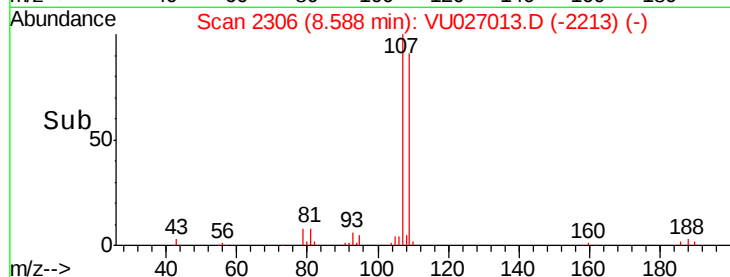
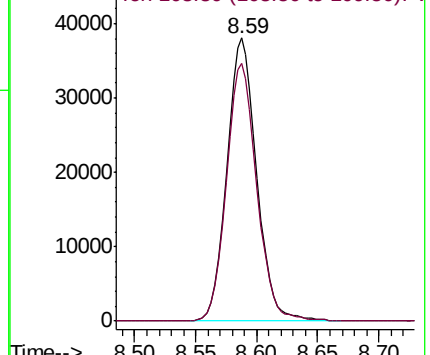
107 100

109 92.9 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.898 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VU027013.D

Acq: 22 Sep 2018 14:04

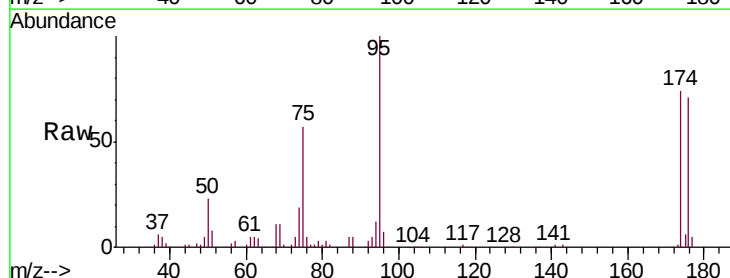
Tgt Ion: 95 Resp: 75290

Ion Ratio Lower Upper

95 100

174 74.9 0.0 150.2

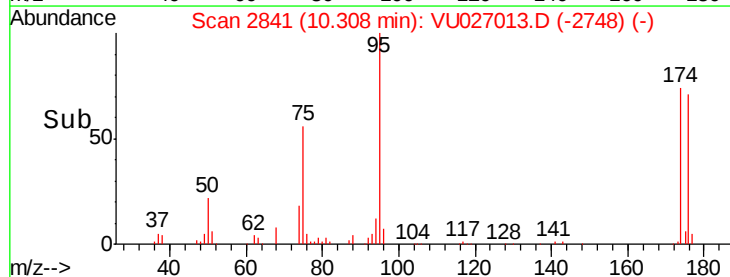
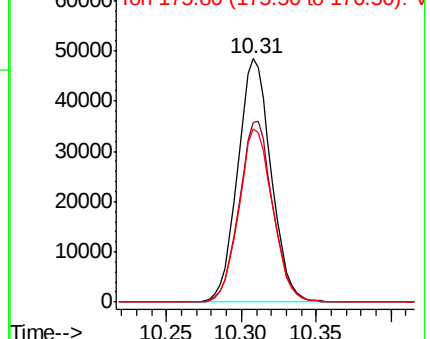
176 72.0 0.0 145.2

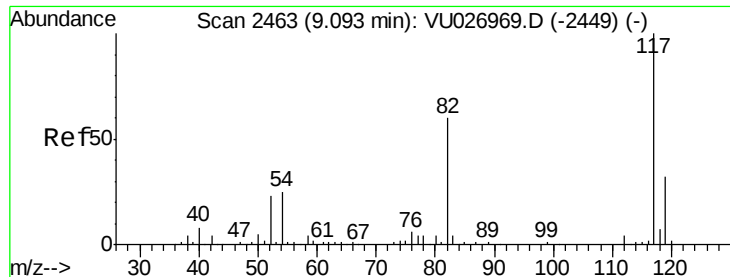


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

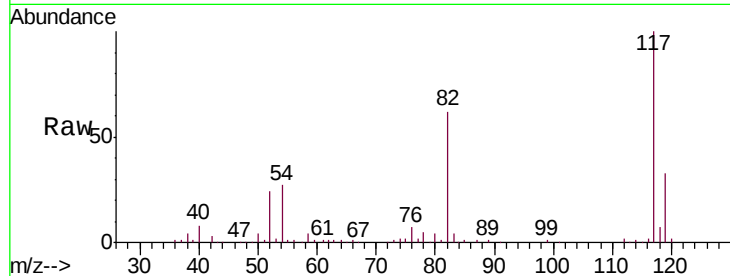




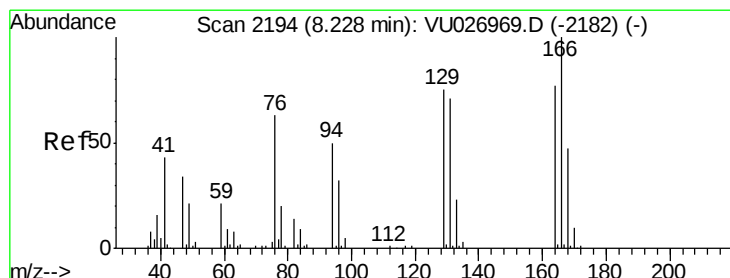
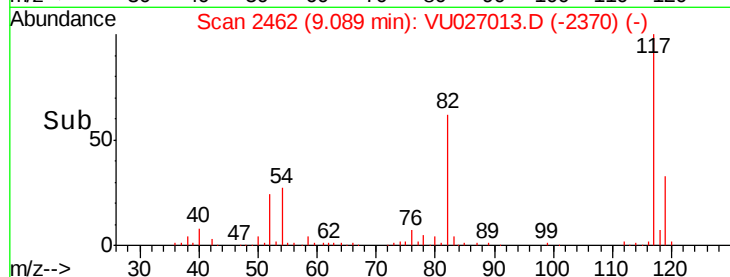
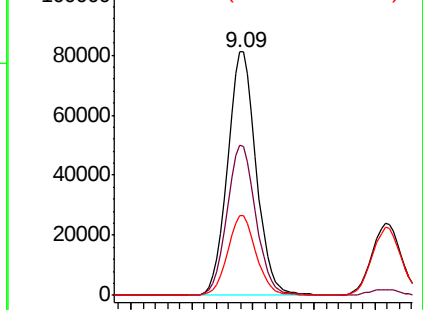
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027013.D
Acq: 22 Sep 2018 14:04

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 133026
Ion Ratio Lower Upper
117 100
82 61.9 48.0 72.0
119 32.6 25.8 38.8



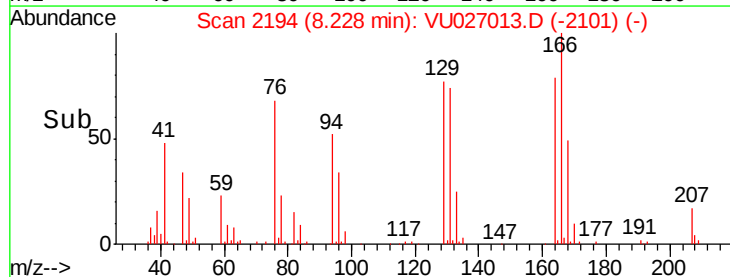
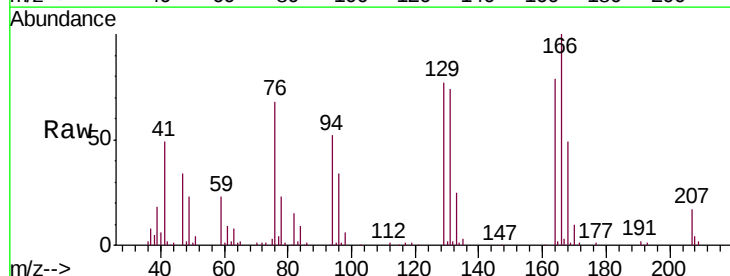
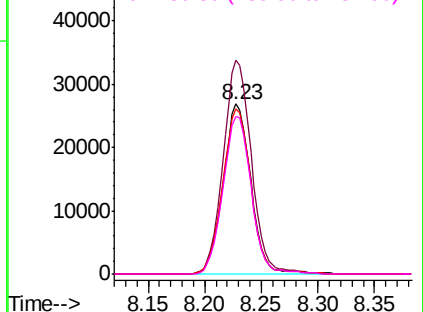
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU027013.D (-2370) (-)
Ion 118.90 (118.60 to 119.60): V

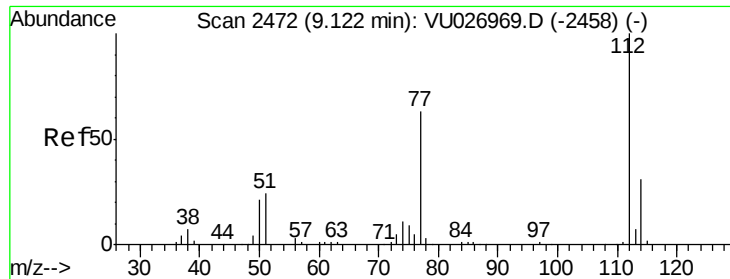


#64
Tetrachloroethene
Concen: 44.682 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. -0.00 min
Lab File: VU027013.D
Acq: 22 Sep 2018 14:04

Tgt Ion:164 Resp: 45802
Ion Ratio Lower Upper
164 100
166 125.9 104.4 156.6
129 97.0 78.7 118.1
131 93.1 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

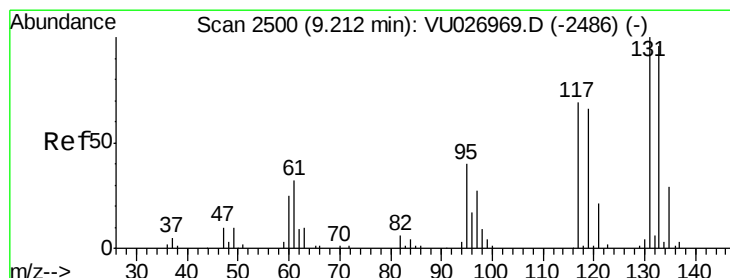
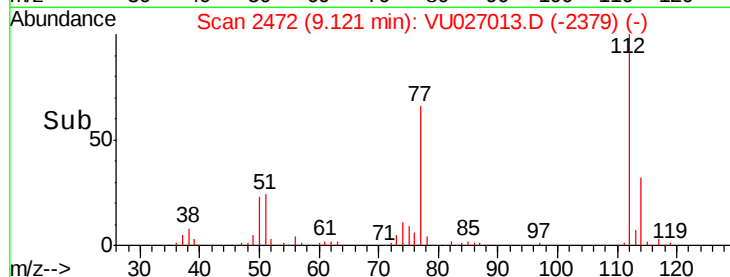
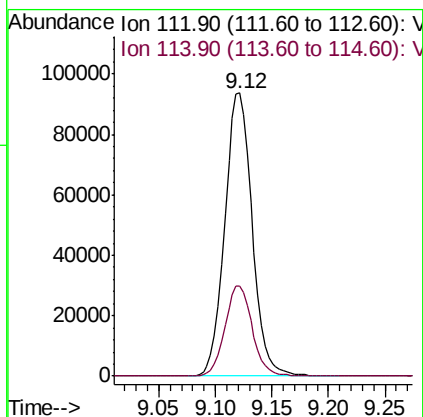
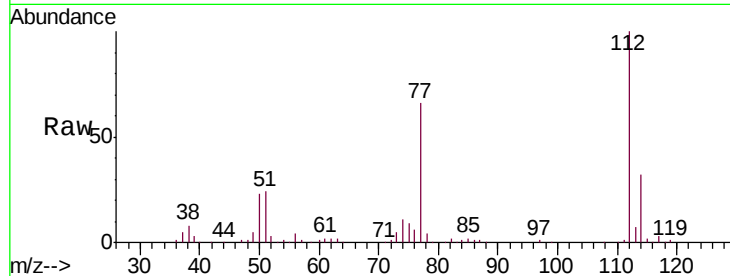




#65
Chlorobenzene
Concen: 44.785 ug/l
RT: 9.12 min Scan# 2472
Delta R.T. -0.00 min
Lab File: VU027013.D
Acq: 22 Sep 2018 14:04

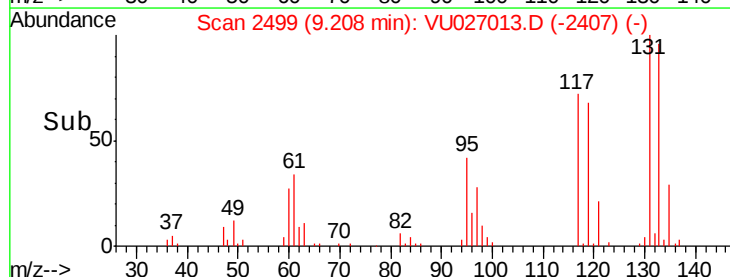
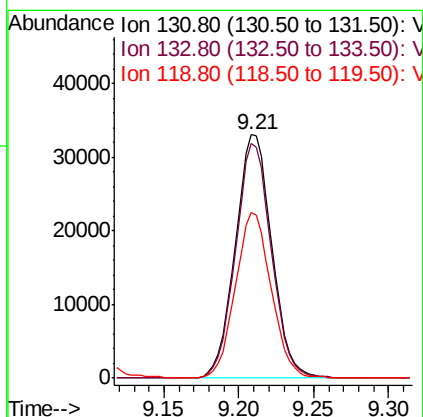
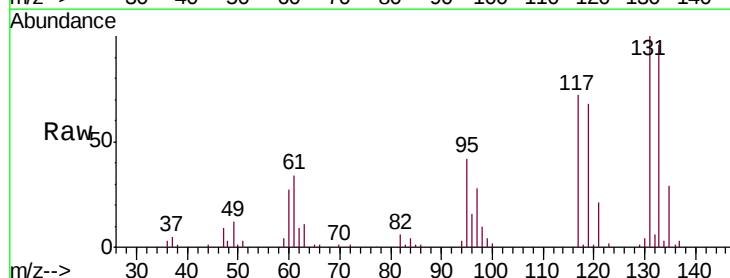
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

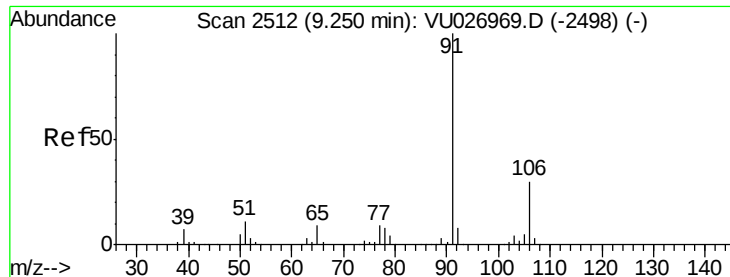
Tgt Ion:112 Resp: 157964
Ion Ratio Lower Upper
112 100
114 31.9 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 46.236 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VU027013.D
Acq: 22 Sep 2018 14:04

Tgt Ion:131 Resp: 56172
Ion Ratio Lower Upper
131 100
133 94.7 48.0 144.2
119 67.0 33.4 100.1

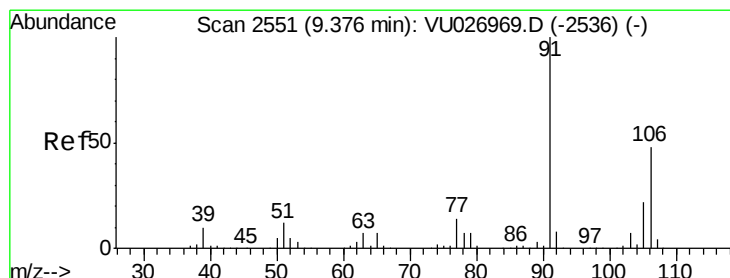
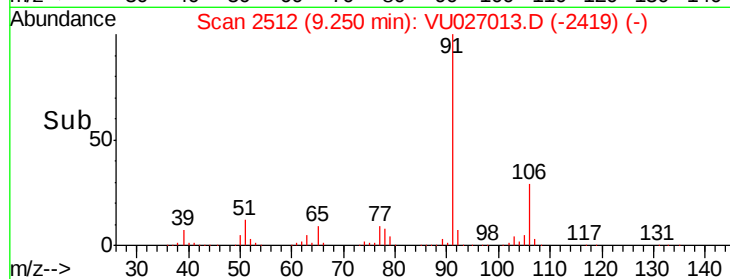
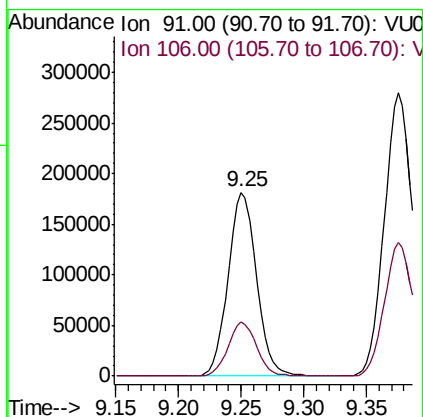
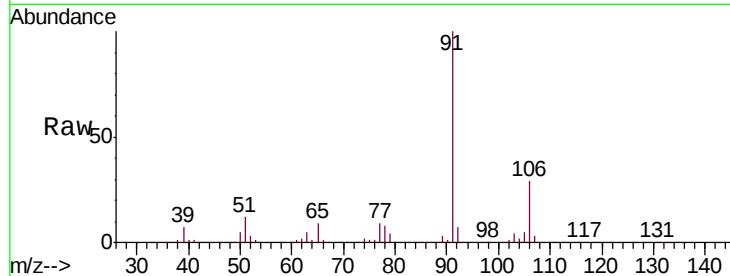




#67
 Ethyl Benzene
 Concen: 49.333 ug/l
 RT: 9.25 min Scan# 2512
 Delta R.T. -0.00 min
 Lab File: VU027013.D
 Acq: 22 Sep 2018 14:04

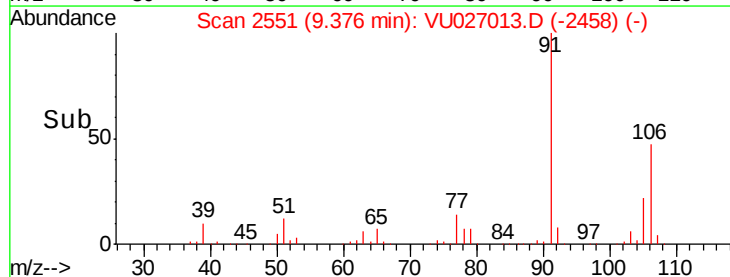
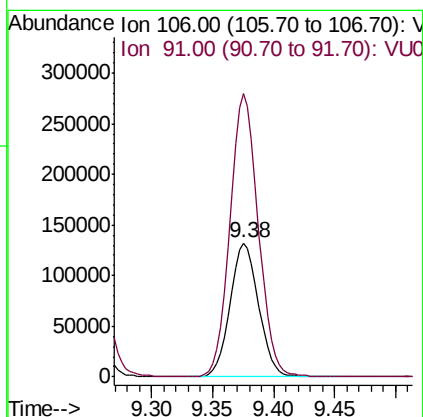
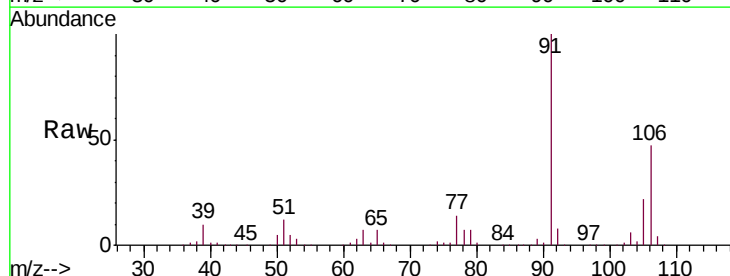
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 91 Resp: 286138
 Ion Ratio Lower Upper
 91 100
 106 29.3 23.8 35.8



#68
 m/p-Xylenes
 Concen: 92.032 ug/l
 RT: 9.38 min Scan# 2551
 Delta R.T. 0.00 min
 Lab File: VU027013.D
 Acq: 22 Sep 2018 14:04

Tgt Ion: 106 Resp: 215893
 Ion Ratio Lower Upper
 106 100
 91 209.4 166.5 249.7

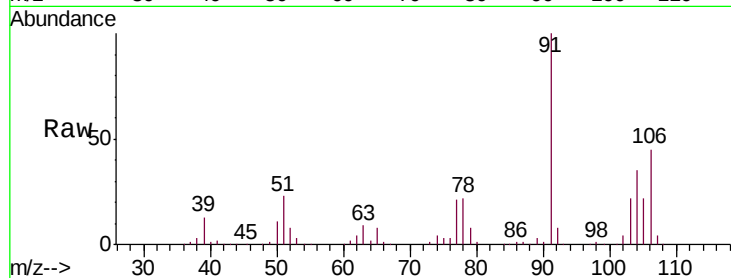




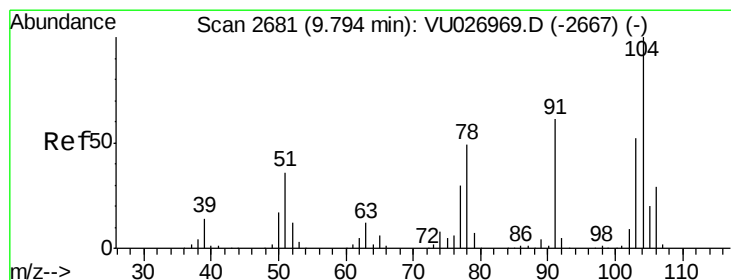
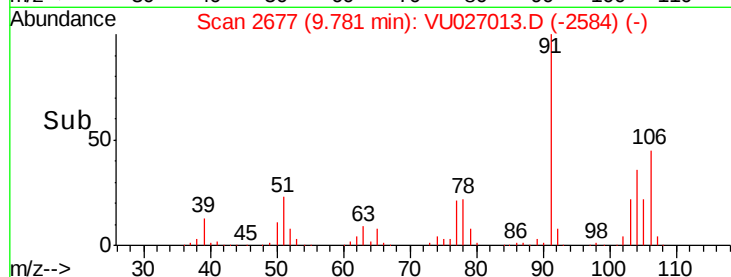
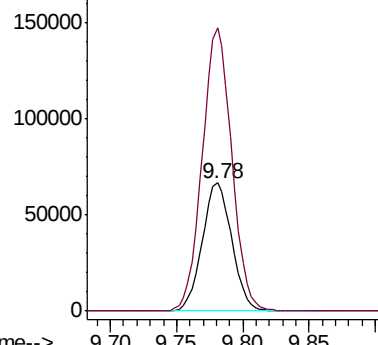
#69
o-Xylene
Concen: 50.409 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VU027013.D
Acq: 22 Sep 2018 14:04

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 103593
Ion Ratio Lower Upper
106 100
91 220.6 110.2 330.6

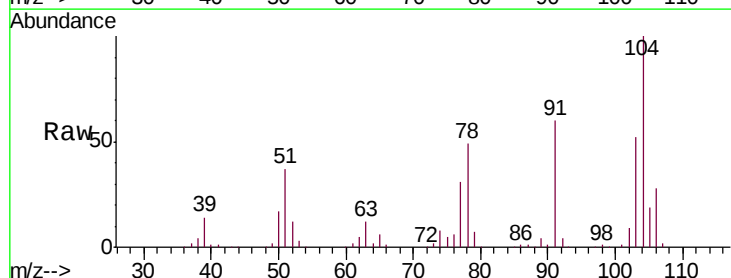


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

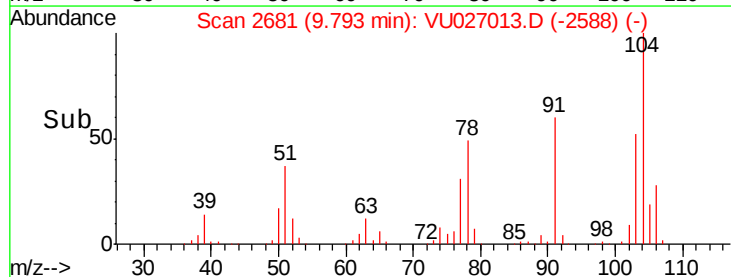
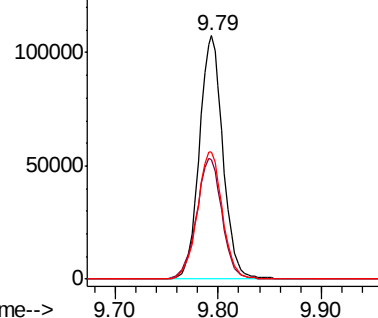


#70
Styrene
Concen: 44.719 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027013.D
Acq: 22 Sep 2018 14:04

Tgt Ion:104 Resp: 170831
Ion Ratio Lower Upper
104 100
78 53.6 43.0 64.4
103 55.7 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: 46.488 ug/l

RT: 9.96 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU027013.D

Acq: 22 Sep 2018 14:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

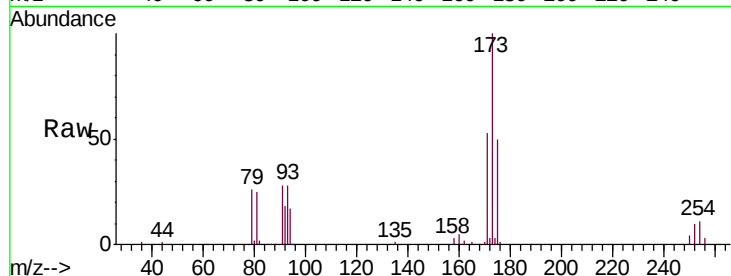
Tgt Ion:173 Resp: 43675

Ion Ratio Lower Upper

173 100

175 48.7 23.9 71.8

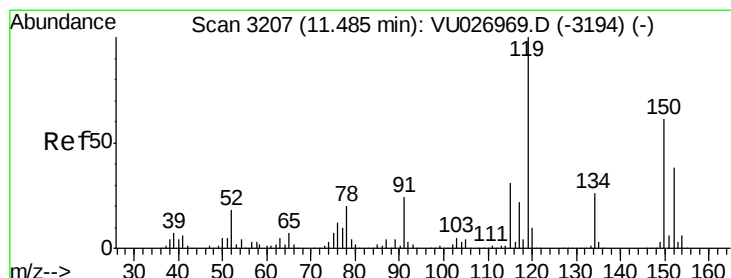
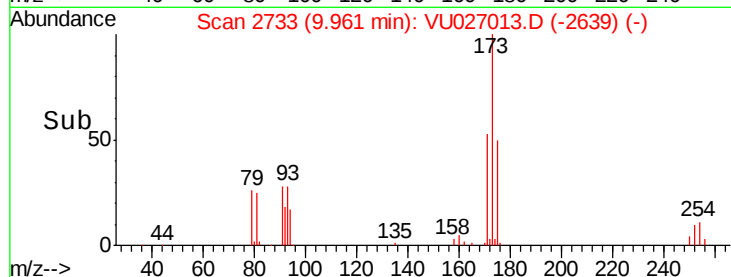
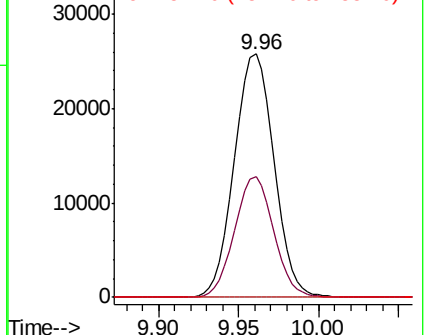
254 0.0 0.0 0.0



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: VU027013.D

Acq: 22 Sep 2018 14:04

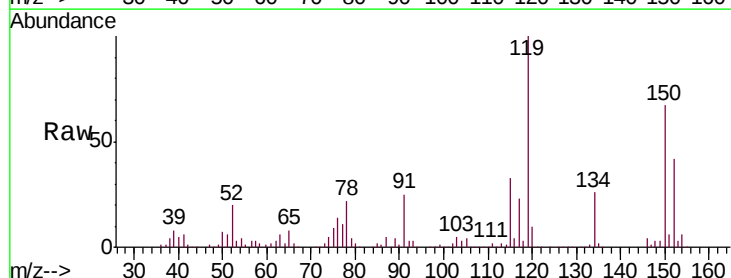
Tgt Ion:152 Resp: 75486

Ion Ratio Lower Upper

152 100

115 86.2 44.9 134.5

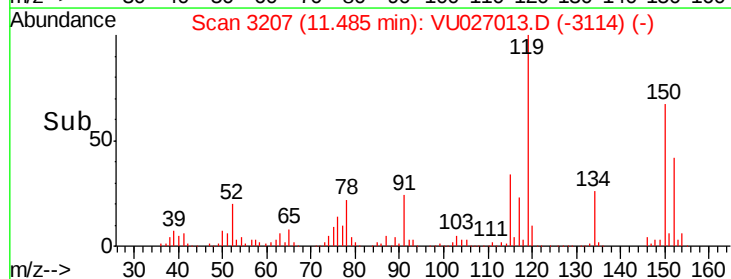
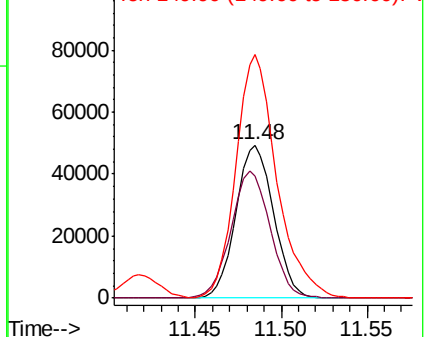
150 171.6 0.0 355.8

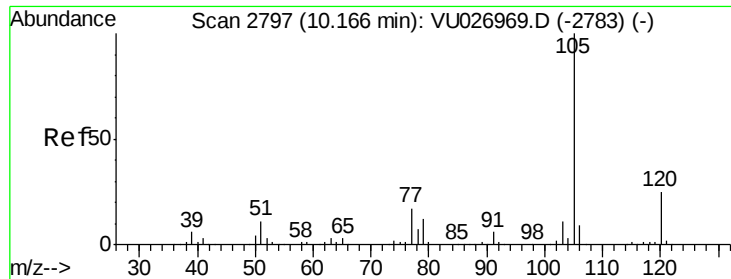


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.604 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. -0.00 min

Lab File: VU027013.D

Acq: 22 Sep 2018 14:04

Instrument :

MSVOA_U

ClientSampleId :

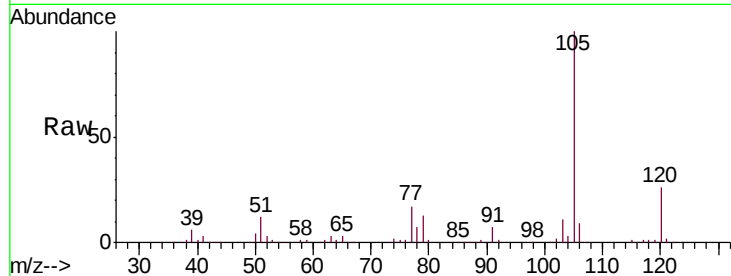
VSTDCCC050

Tgt Ion: 105 Resp: 279092

Ion Ratio Lower Upper

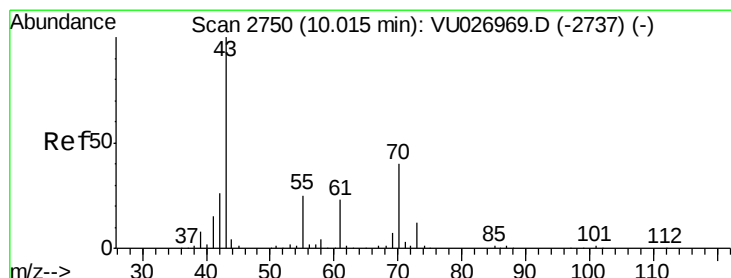
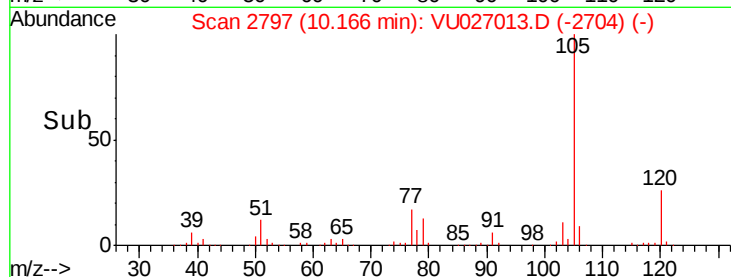
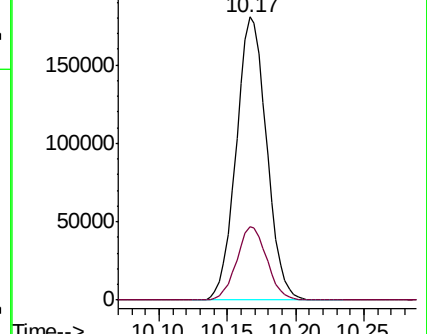
105 100

120 25.6 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.187 ug/l

RT: 10.02 min Scan# 2750

Delta R.T. -0.00 min

Lab File: VU027013.D

Acq: 22 Sep 2018 14:04

Tgt Ion: 43 Resp: 160163

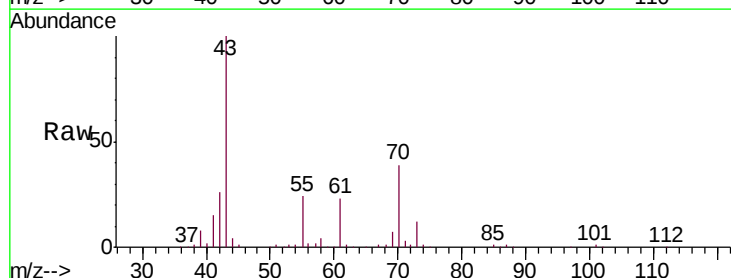
Ion Ratio Lower Upper

43 100

70 38.7 31.8 47.8

55 24.4 19.9 29.9

61 22.8 18.4 27.6

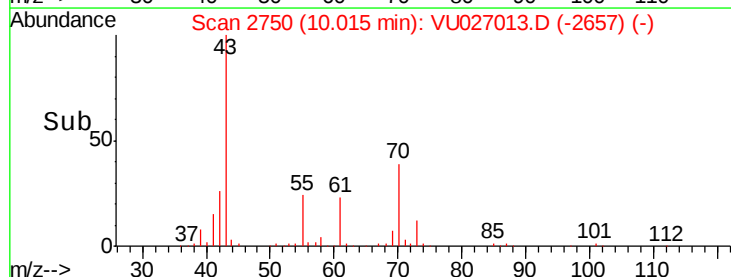
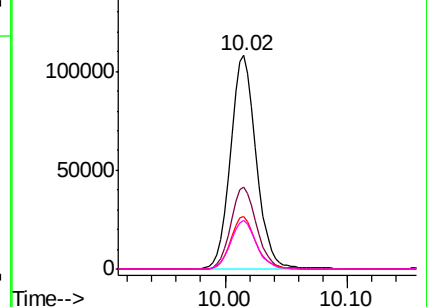


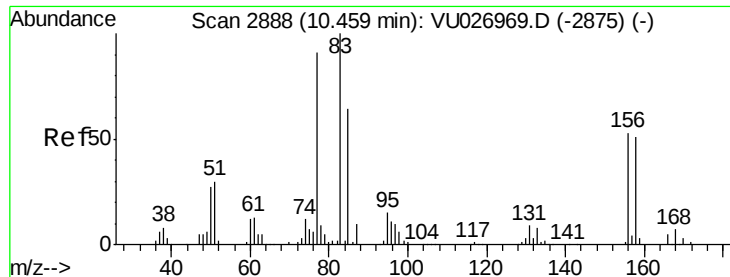
Abundance Ion 43.00 (42.70 to 43.70): VU0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 41.265 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. -0.00 min

Lab File: VU027013.D

Acq: 22 Sep 2018 14:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

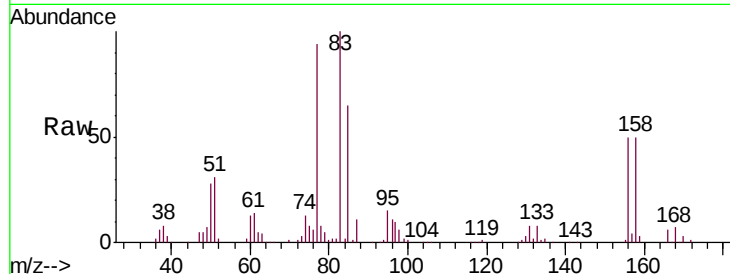
Tgt Ion: 83 Resp: 108942

Ion Ratio Lower Upper

83 100

131 8.4 4.3 12.8

85 64.2 31.9 95.7

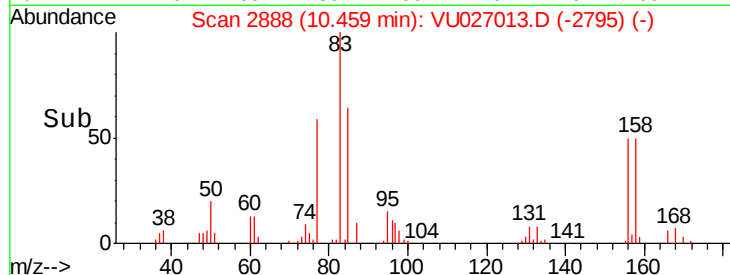


Abundance Ion 82.90 (82.60 to 83.60): VU026969.D (-2875) (-)

Ion 130.80 (130.50 to 131.50): VU026969.D (-2875) (-)

Ion 84.90 (84.60 to 85.60): VU026969.D (-2875) (-)

Time-->

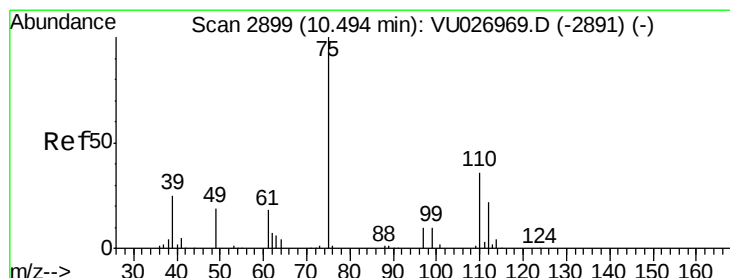


Abundance Ion 82.90 (82.60 to 83.60): VU027013.D (-2795) (-)

Ion 130.80 (130.50 to 131.50): VU027013.D (-2795) (-)

Ion 84.90 (84.60 to 85.60): VU027013.D (-2795) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 58.493 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.00 min

Lab File: VU027013.D

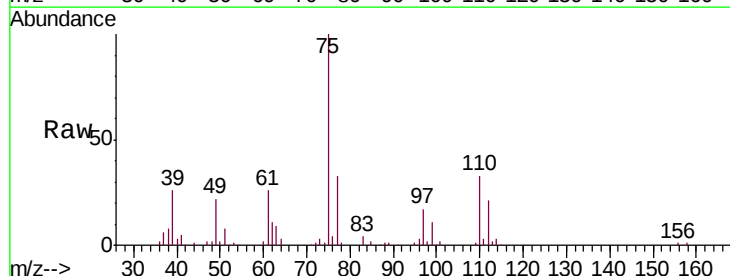
Acq: 22 Sep 2018 14:04

Tgt Ion: 75 Resp: 134138

Ion Ratio Lower Upper

75 100

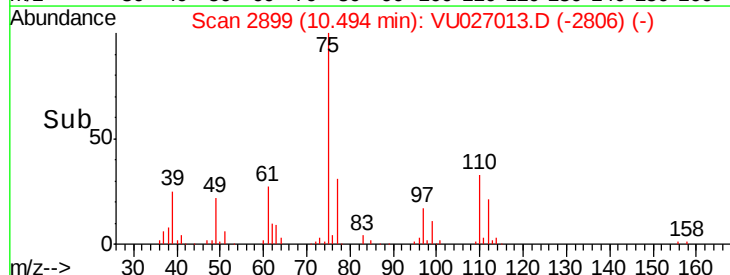
77 29.6 20.9 62.8



Abundance Ion 74.90 (74.60 to 75.60): VU026969.D (-2891) (-)

Ion 77.00 (76.70 to 77.70): VU026969.D (-2891) (-)

Time-->



Abundance Ion 74.90 (74.60 to 75.60): VU027013.D (-2806) (-)

Ion 77.00 (76.70 to 77.70): VU027013.D (-2806) (-)

Time-->



#77

Bromobenzene

Concen: 44.126 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. -0.00 min

Lab File: VU027013.D

Acq: 22 Sep 2018 14:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

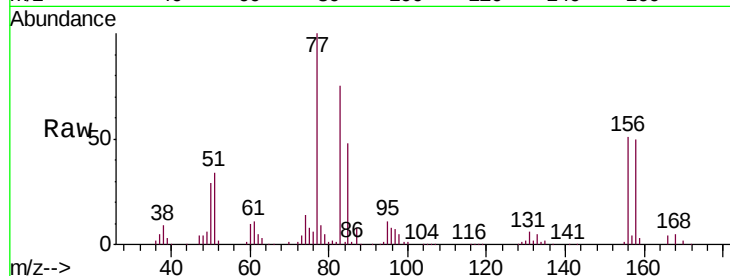
Tgt Ion:156 Resp: 61918

Ion Ratio Lower Upper

156 100

77 194.3 92.3 276.9

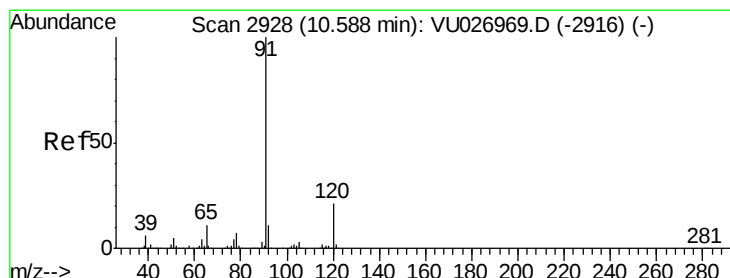
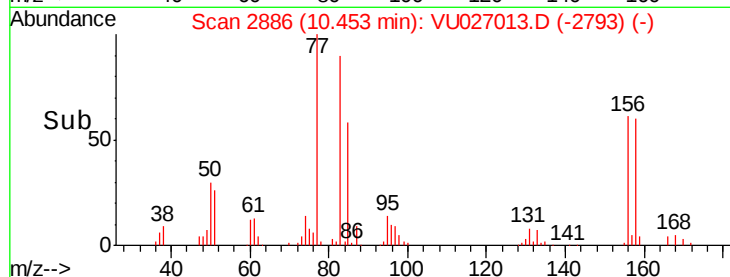
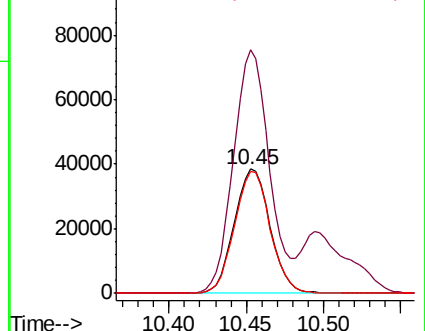
158 98.0 48.1 144.3



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: 50.036 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. -0.00 min

Lab File: VU027013.D

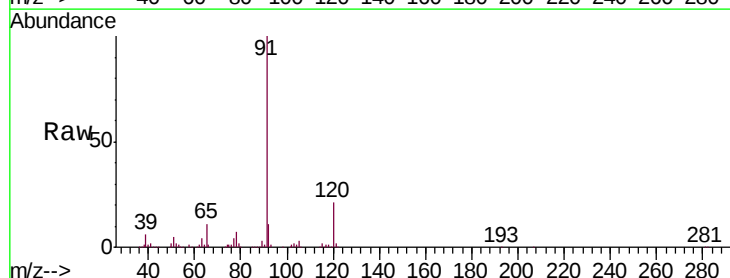
Acq: 22 Sep 2018 14:04

Tgt Ion: 91 Resp: 339957

Ion Ratio Lower Upper

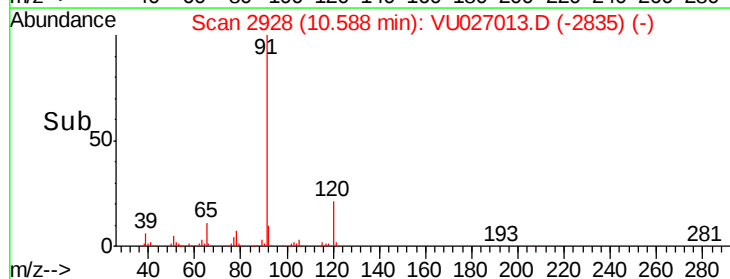
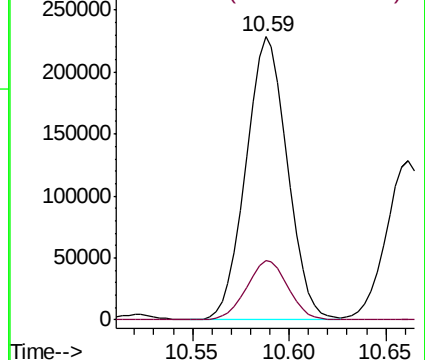
91 100

120 21.1 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

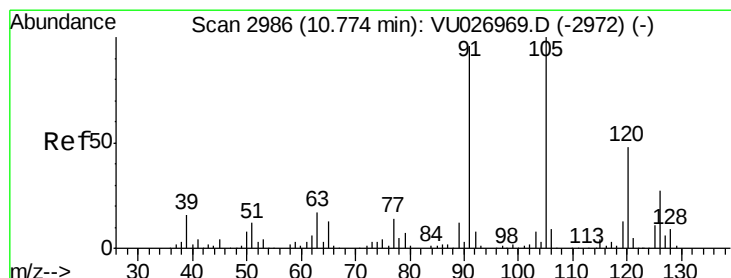
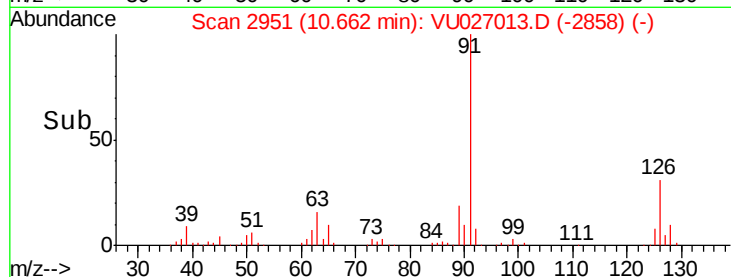
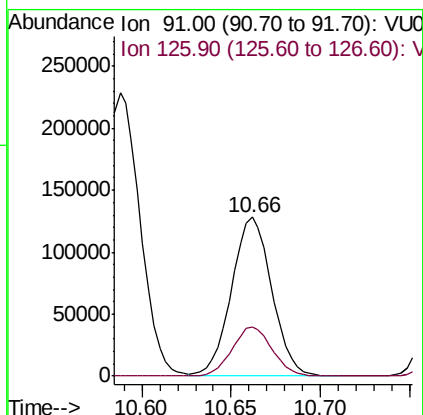
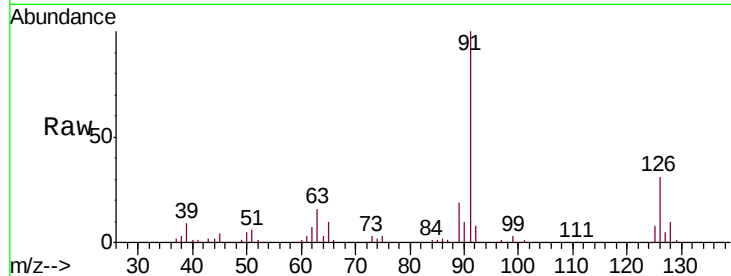




#79
 2-Chlorotoluene
 Concen: 47.021 ug/l
 RT: 10.66 min Scan# 2951
 Delta R.T. -0.00 min
 Lab File: VU027013.D
 Acq: 22 Sep 2018 14:04

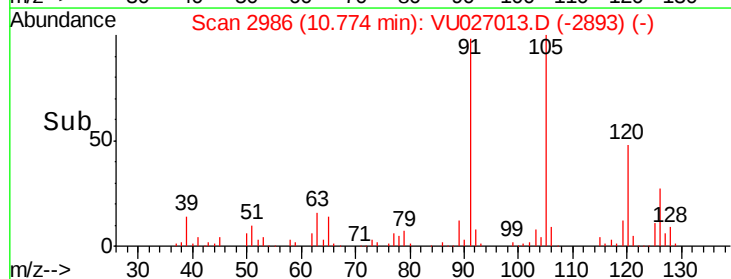
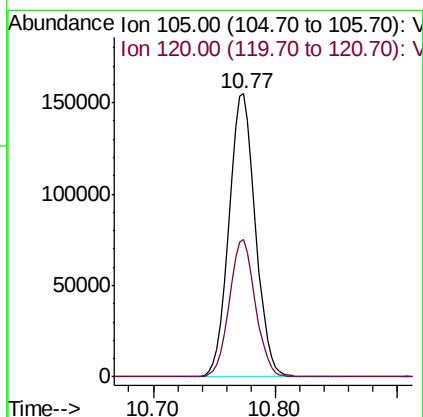
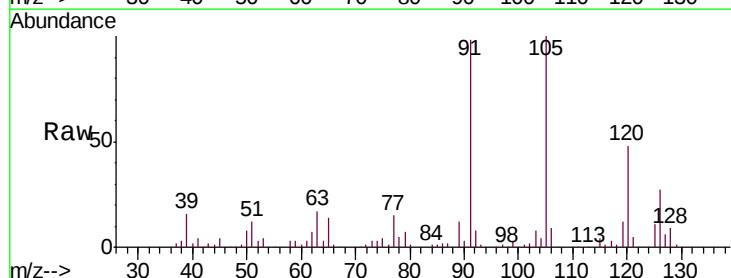
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

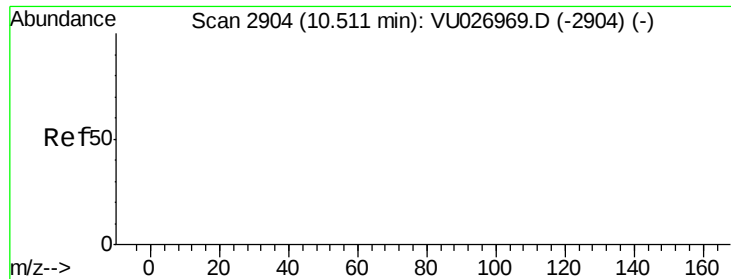
Tgt Ion: 91 Resp: 200669
 Ion Ratio Lower Upper
 91 100
 126 31.3 15.8 47.3



#80
 1,3,5-Trimethylbenzene
 Concen: 49.477 ug/l
 RT: 10.77 min Scan# 2986
 Delta R.T. -0.00 min
 Lab File: VU027013.D
 Acq: 22 Sep 2018 14:04

Tgt Ion: 105 Resp: 234519
 Ion Ratio Lower Upper
 105 100
 120 48.0 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 187.187 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.02 min

Lab File: VU027013.D

Acq: 22 Sep 2018 14:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

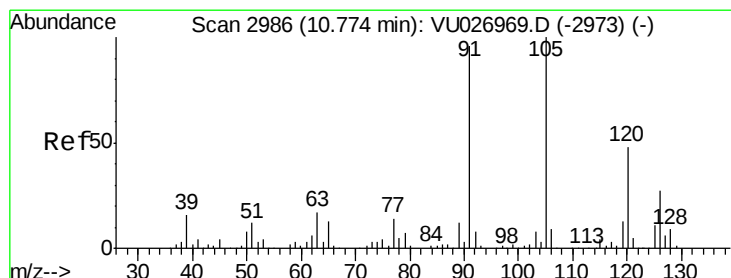
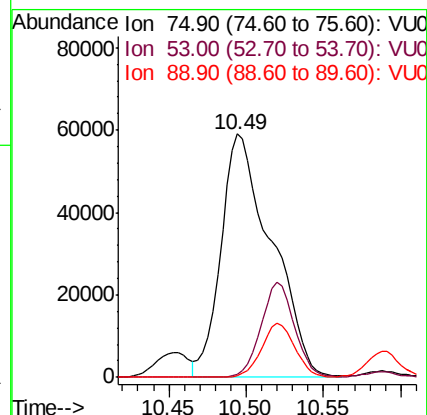
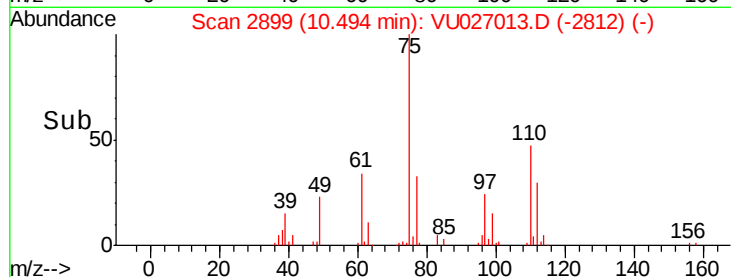
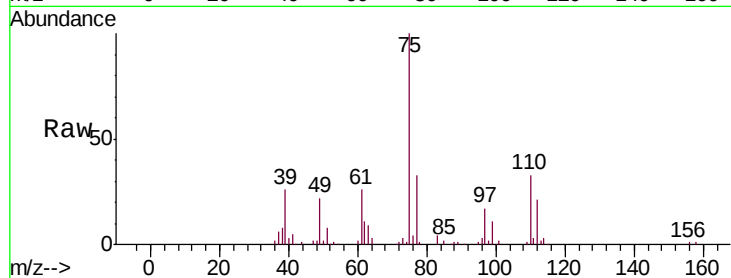
Tgt Ion: 75 Resp: 134138

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0



#82

4-Chlorotoluene

Concen: 48.662 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. -0.00 min

Lab File: VU027013.D

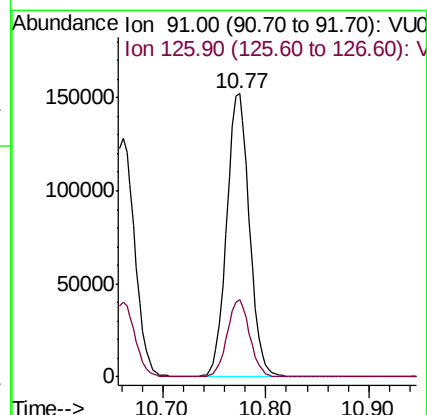
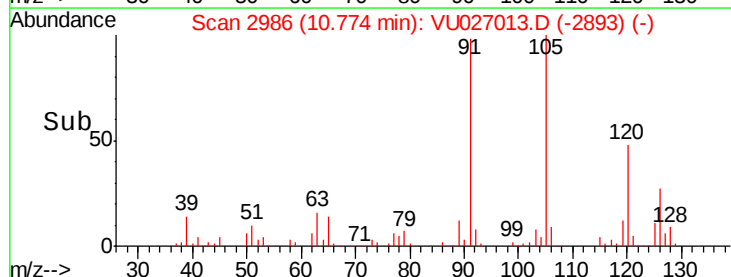
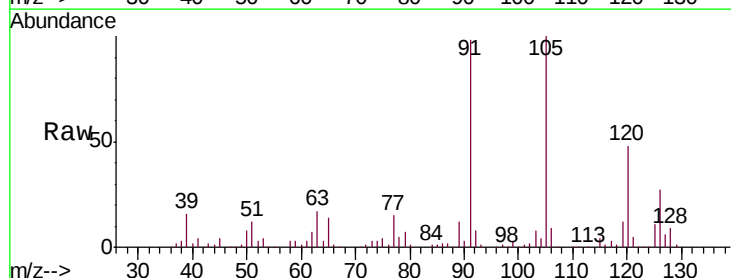
Acq: 22 Sep 2018 14:04

Tgt Ion: 91 Resp: 232861

Ion Ratio Lower Upper

91 100

126 27.2 14.1 42.2

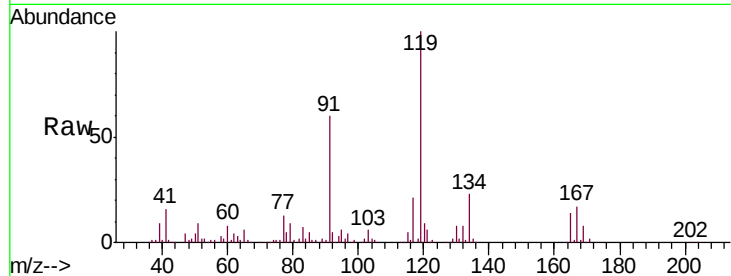




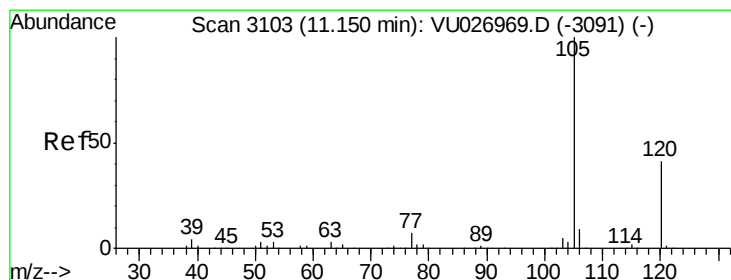
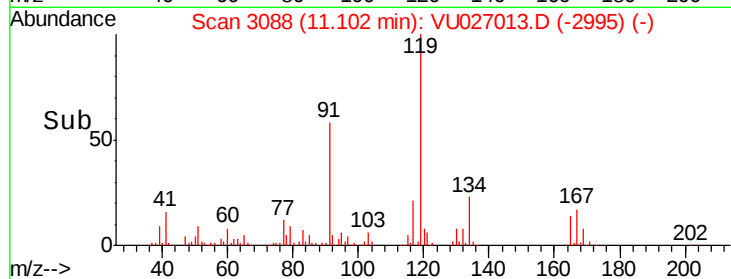
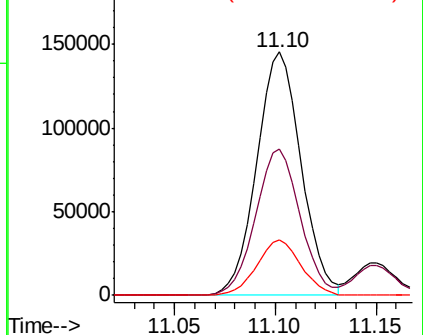
#83
 tert-Butylbenzene
 Concen: 47.627 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. -0.00 min
 Lab File: VU027013.D
 Acq: 22 Sep 2018 14:04

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
119	100		
91	60.6	29.8	89.4
134	22.6	11.5	34.4

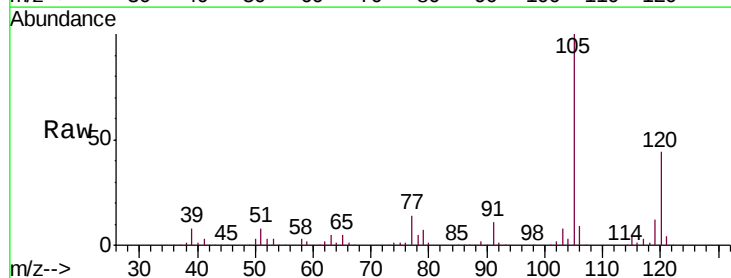


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

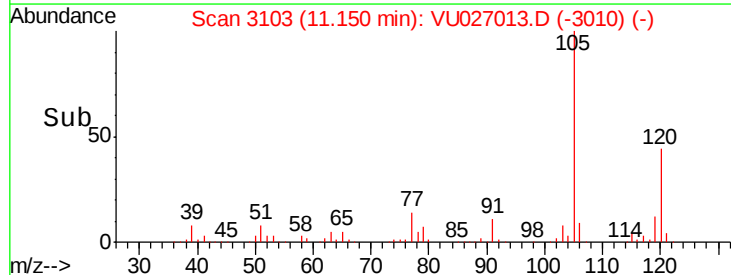
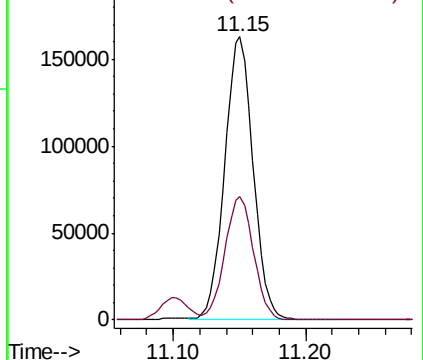


#84
 1,2,4-Trimethylbenzene
 Concen: 50.120 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. -0.00 min
 Lab File: VU027013.D
 Acq: 22 Sep 2018 14:04

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.1	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: 49.701 ug/l

RT: 11.32 min Scan# 3157

Delta R.T. -0.00 min

Lab File: VU027013.D

Acq: 22 Sep 2018 14:04

Instrument :

MSVOA_U

ClientSampleId :

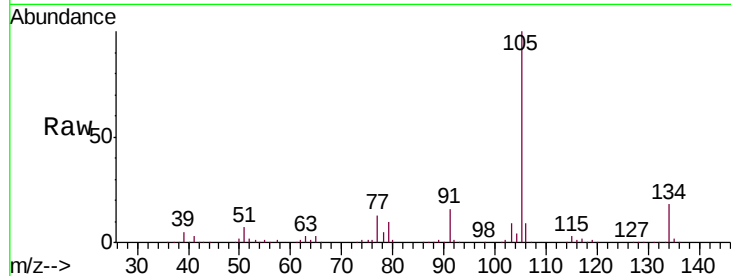
VSTDCCC050

Tgt Ion:105 Resp: 284315

Ion Ratio Lower Upper

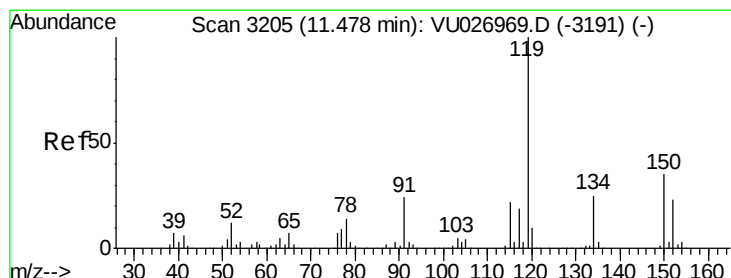
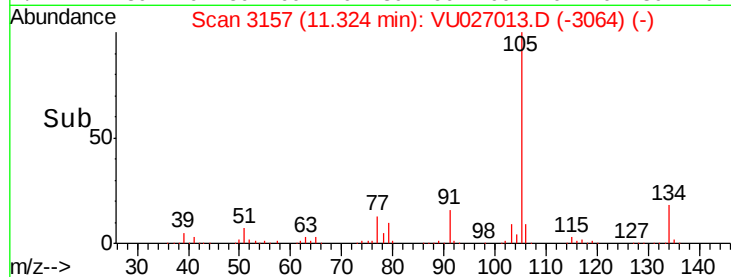
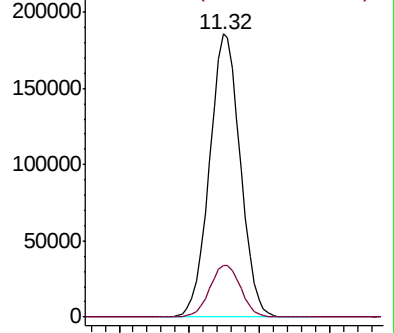
105 100

134 18.6 9.4 28.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 45.659 ug/l

RT: 11.48 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VU027013.D

Acq: 22 Sep 2018 14:04

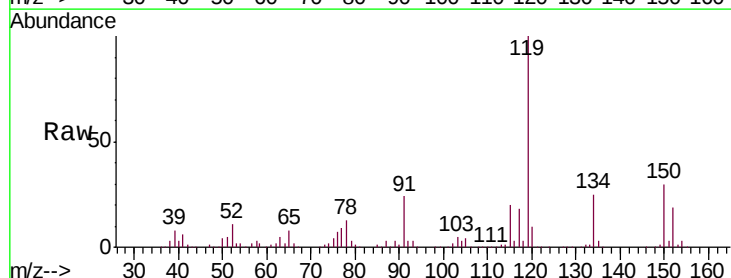
Tgt Ion:119 Resp: 244643

Ion Ratio Lower Upper

119 100

134 25.1 12.8 38.3

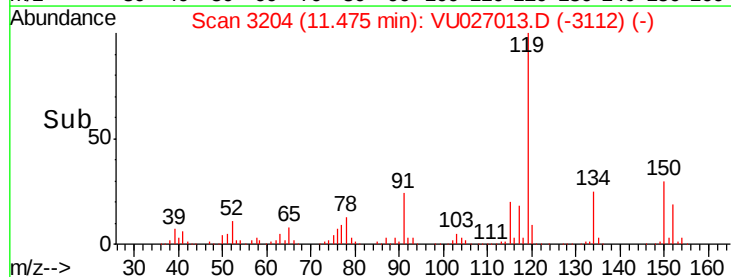
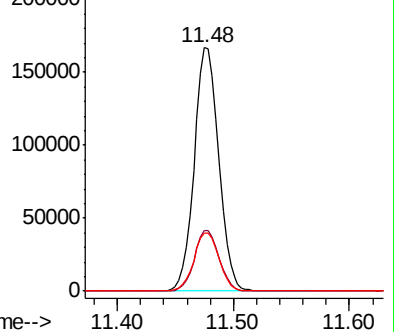
91 24.6 12.3 36.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0

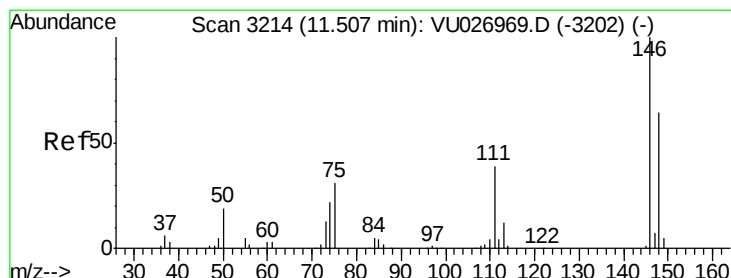
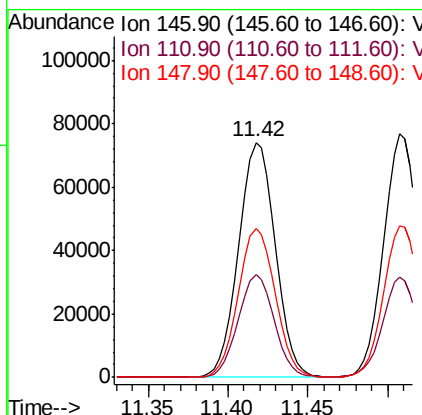
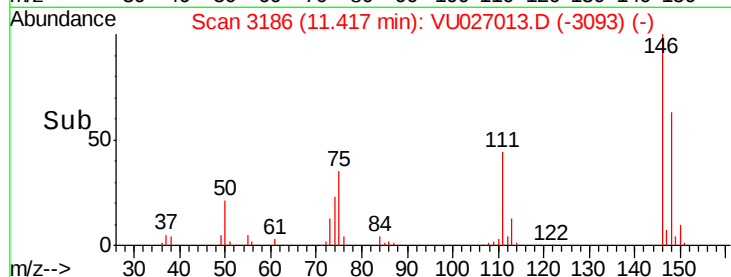
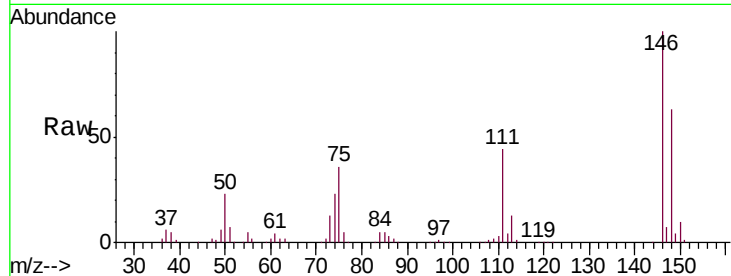




#87
 1,3-Dichlorobenzene
 Concen: 44.431 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. -0.00 min
 Lab File: VU027013.D
 Acq: 22 Sep 2018 14:04

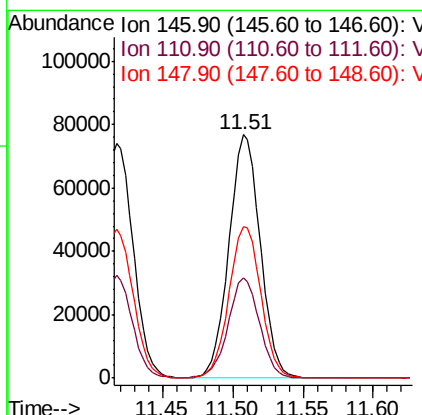
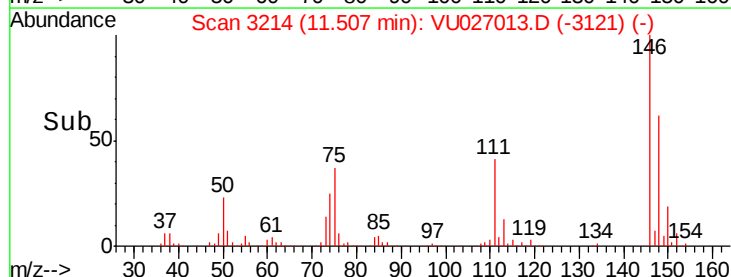
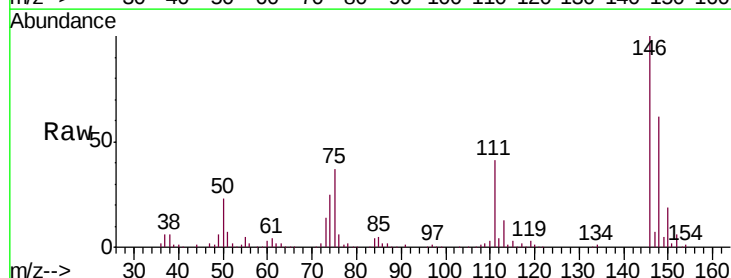
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

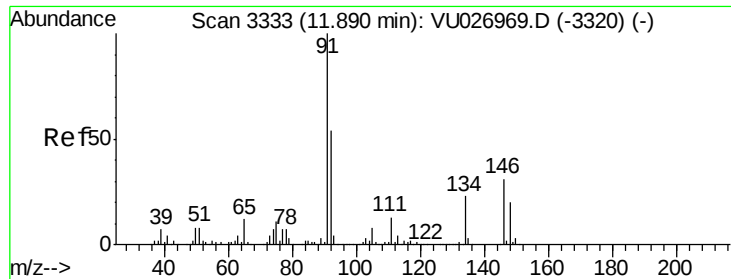
Tgt Ion:146 Resp: 116017
 Ion Ratio Lower Upper
 146 100
 111 42.7 20.8 62.2
 148 63.8 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 41.842 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. -0.00 min
 Lab File: VU027013.D
 Acq: 22 Sep 2018 14:04

Tgt Ion:146 Resp: 119078
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.3 60.9
 148 63.9 31.9 95.9

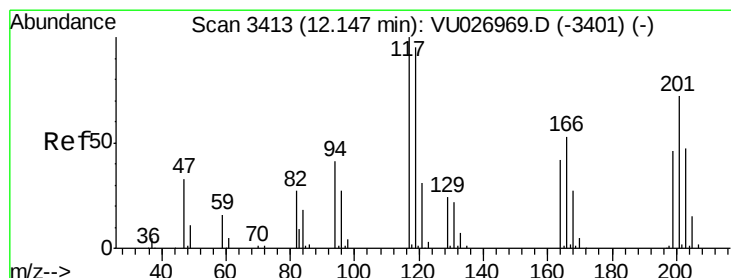
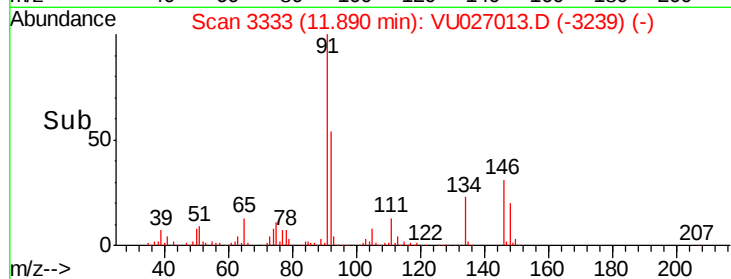
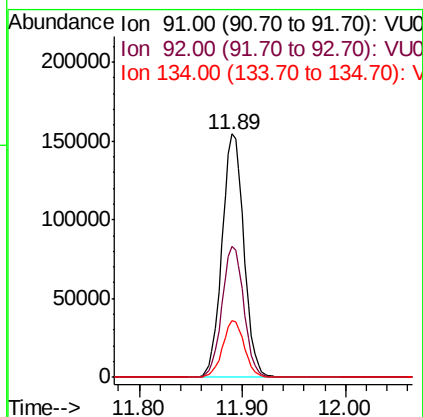
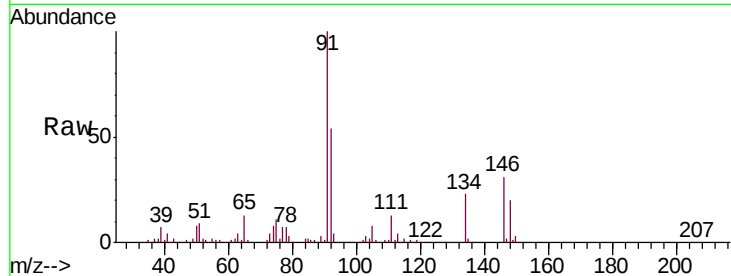




#89
n-Butylbenzene
Concen: 44.059 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VU027013.D
Acq: 22 Sep 2018 14:04

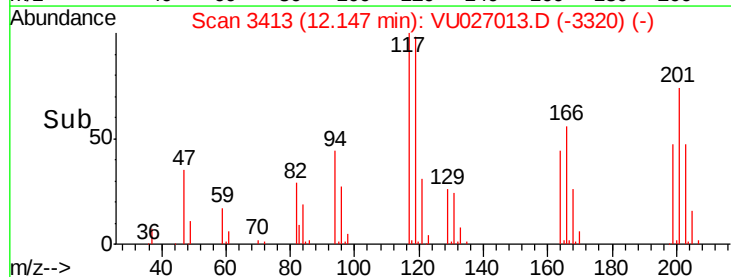
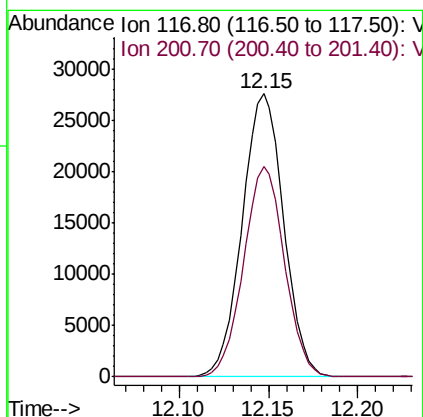
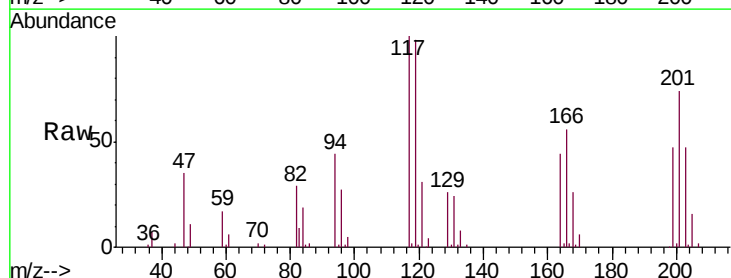
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

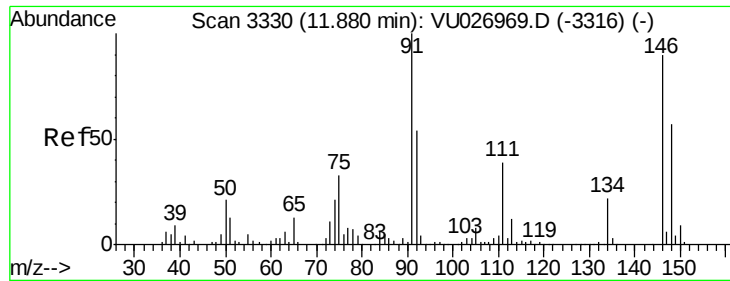
Tgt Ion: 91 Resp: 227702
Ion Ratio Lower Upper
91 100
92 53.7 27.1 81.2
134 23.0 11.7 35.0



#90
Hexachloroethane
Concen: 42.924 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VU027013.D
Acq: 22 Sep 2018 14:04

Tgt Ion: 117 Resp: 44652
Ion Ratio Lower Upper
117 100
201 73.3 36.8 110.3

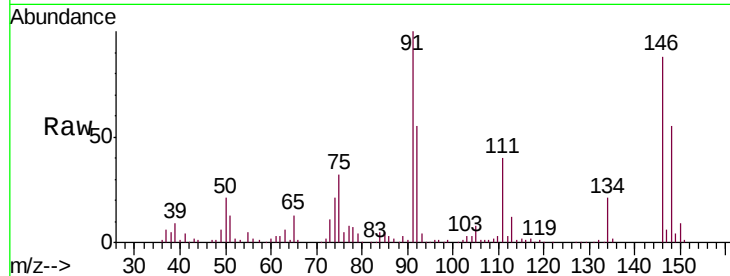




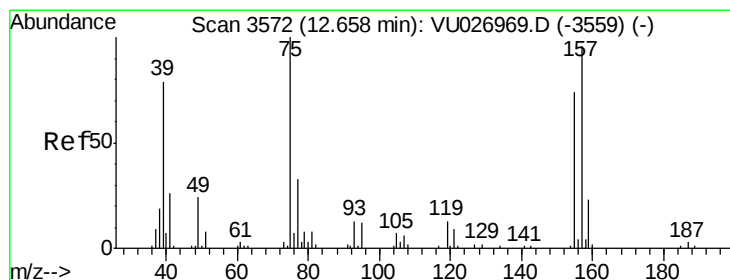
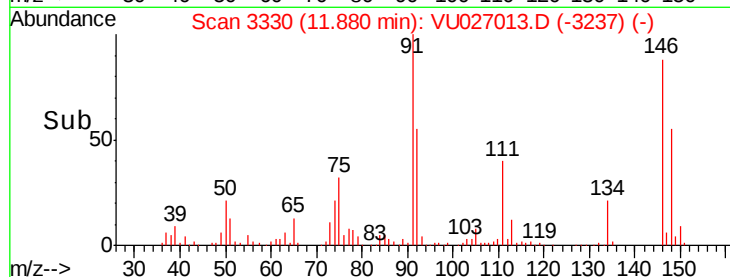
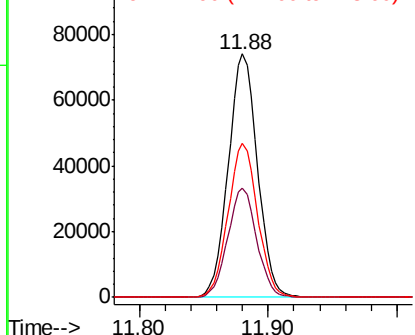
#91
 1,2-Dichlorobenzene
 Concen: 41.807 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. -0.00 min
 Lab File: VU027013.D
 Acq: 22 Sep 2018 14:04

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 146 Resp: 115960
 Ion Ratio Lower Upper
 146 100
 111 44.5 21.8 65.3
 148 64.0 31.9 95.7

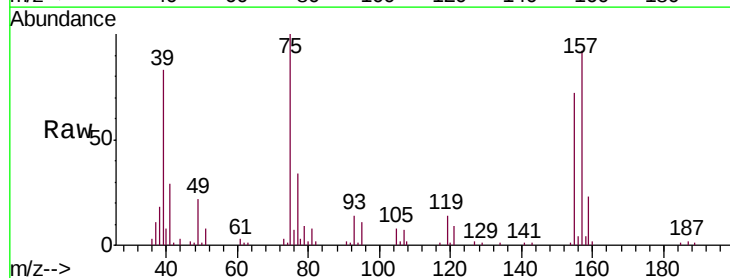


Abundance Ion 145.90 (145.60 to 146.60): V
 100000 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

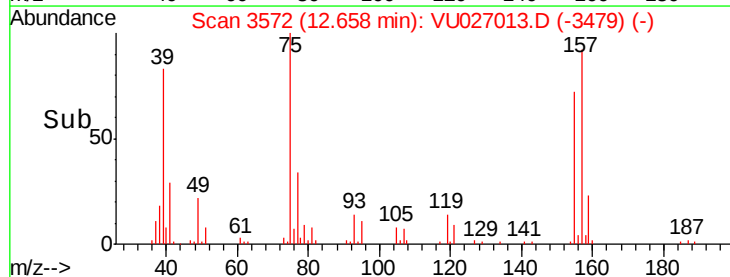
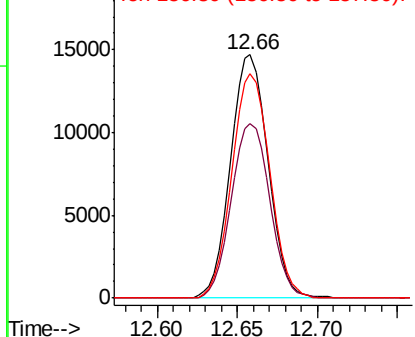


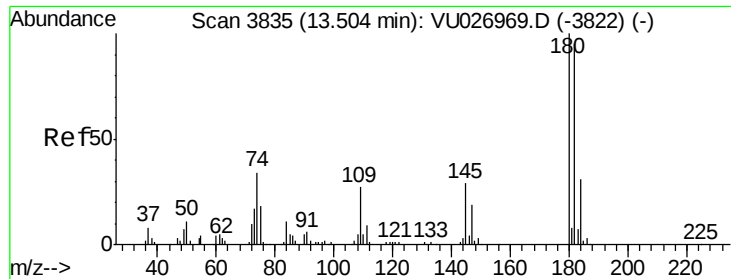
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.672 ug/l
 RT: 12.66 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VU027013.D
 Acq: 22 Sep 2018 14:04

Tgt Ion: 75 Resp: 23521
 Ion Ratio Lower Upper
 75 100
 155 73.5 36.6 109.8
 157 92.7 47.4 142.2



Abundance Ion 74.90 (74.60 to 75.60): VU0
 20000 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

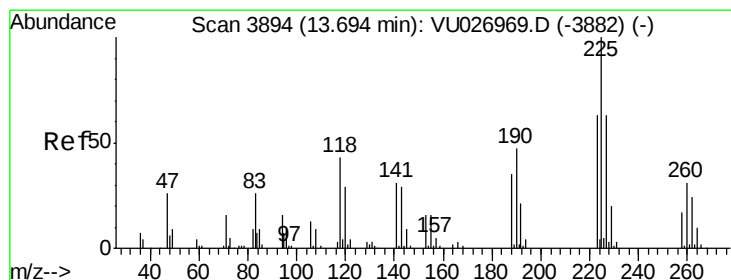
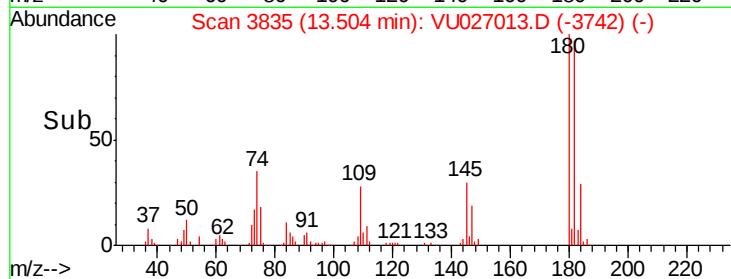
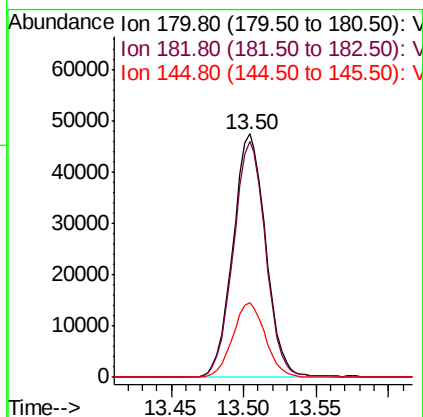
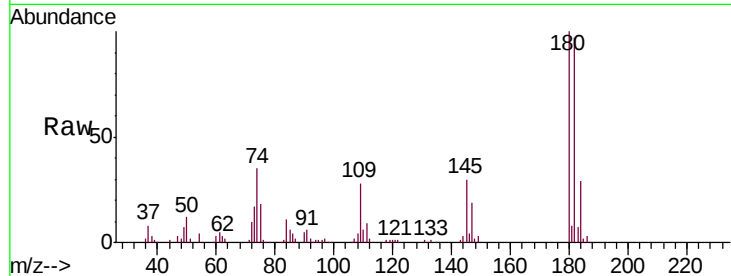




#93
 1,2,4-Trichlorobenzene
 Concen: 46.768 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. -0.00 min
 Lab File: VU027013.D
 Acq: 22 Sep 2018 14:04

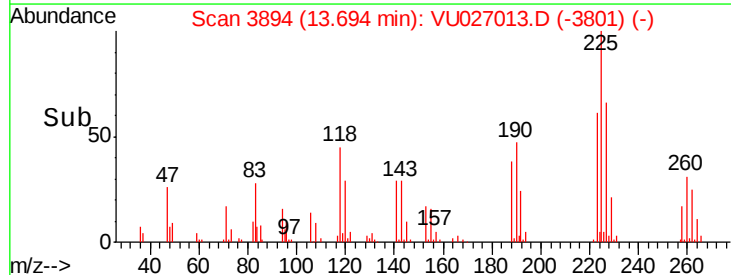
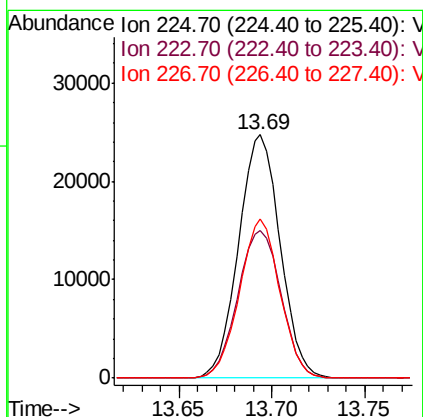
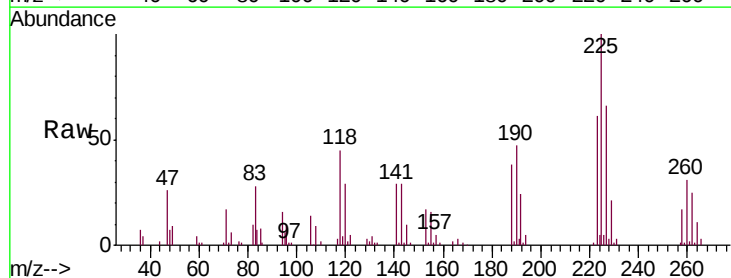
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

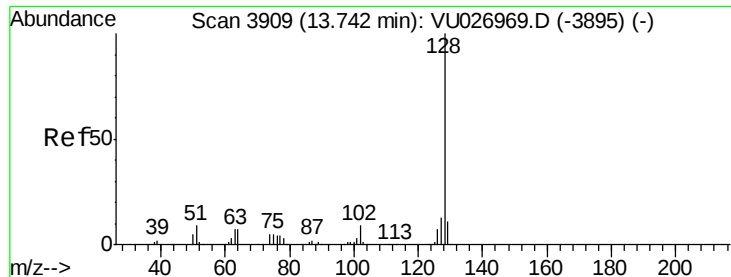
Tgt Ion:180 Resp: 74754
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.4 142.2
 145 30.4 14.9 44.5



#94
 Hexachlorobutadiene
 Concen: 45.458 ug/l
 RT: 13.69 min Scan# 3894
 Delta R.T. -0.00 min
 Lab File: VU027013.D
 Acq: 22 Sep 2018 14:04

Tgt Ion:225 Resp: 38446
 Ion Ratio Lower Upper
 225 100
 223 63.2 31.9 95.7
 227 63.6 32.1 96.5

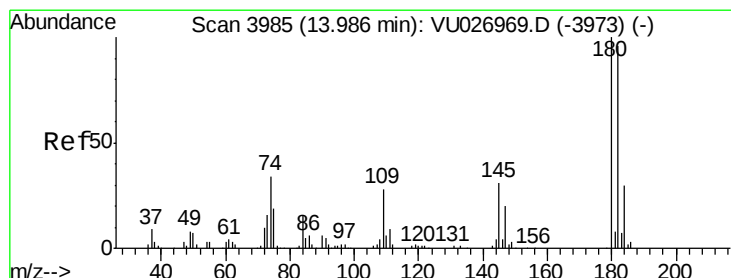
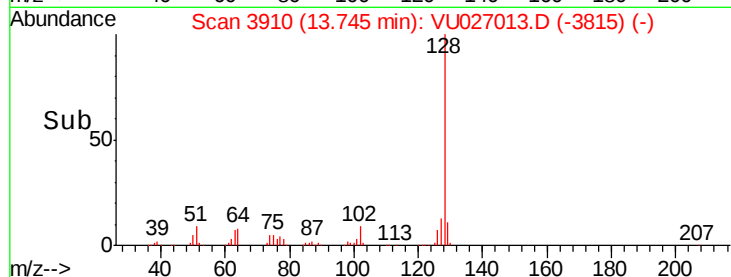
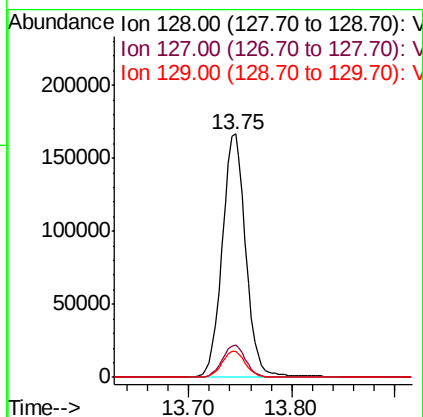
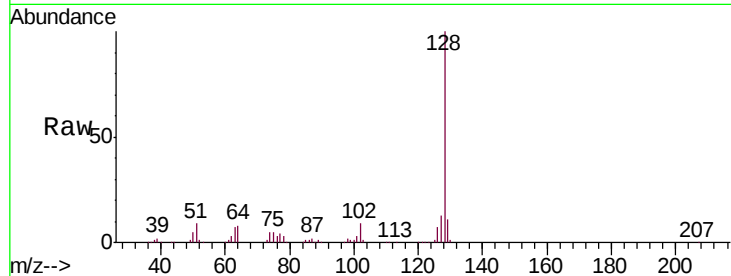




#95
Naphthalene
Concen: 42.719 ug/l
RT: 13.75 min Scan# 3910
Delta R.T. 0.00 min
Lab File: VU027013.D
Acq: 22 Sep 2018 14:04

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 265384
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 46.394 ug/l
RT: 13.99 min Scan# 3986
Delta R.T. 0.00 min
Lab File: VU027013.D
Acq: 22 Sep 2018 14:04

Tgt Ion:180 Resp: 79524
Ion Ratio Lower Upper
180 100
182 95.2 47.5 142.5
145 31.3 15.4 46.4

