

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092418\
 Data File : VU027121.D
 Acq On : 24 Sep 2018 20:00
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 25 01:38:05 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	4.99	168	80184	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	137011	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	134787	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	73988	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	84421	52.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.62%	
35) Dibromofluoromethane	4.88	113	60114	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	
50) Toluene-d8	7.57	98	230764	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	
62) 4-Bromofluorobenzene	10.31	95	83456	53.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.48%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	47510	45.381	ug/l	98
3) Chloromethane	1.33	50	81279	45.030	ug/l	99
4) Vinyl Chloride	1.40	62	79824	47.377	ug/l	98
5) Bromomethane	1.62	94	32097	33.453	ug/l	98
6) Chloroethane	1.69	64	51716	48.040	ug/l	98
7) Trichlorofluoromethane	1.88	101	93290	48.751	ug/l	97
8) Diethyl Ether	2.10	74	45570	49.474	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.29	101	54783	46.560	ug/l	99
10) Methyl Iodide	2.41	142	40292	27.611	ug/l	100
11) Tert butyl alcohol	2.83	59	96637	261.250	ug/l	99
12) 1,1-Dichloroethene	2.28	96	52037	46.988	ug/l	96
13) Acrolein	2.20	56	45975	230.564	ug/l	99
14) Allyl chloride	2.59	41	125712	55.967	ug/l	97
15) Acrylonitrile	2.94	53	249249	267.349	ug/l	99
16) Acetone	2.32	43	221906	259.486	ug/l	98
17) Carbon Disulfide	2.48	76	167835	46.521	ug/l	100
18) Methyl Acetate	2.62	43	129089	56.199	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	223509	54.921	ug/l	100
20) Methylene Chloride	2.70	84	68939	47.698	ug/l	97
21) trans-1,2-Dichloroethene	2.98	96	59787	50.564	ug/l	98
22) Diisopropyl ether	3.58	45	275515	57.346	ug/l	96
23) Vinyl Acetate	3.53	43	1201386	293.351	ug/l	99
24) 1,1-Dichloroethane	3.45	63	138209	52.232	ug/l	99
25) 2-Butanone	4.26	43	357789	263.808	ug/l	99
26) 2,2-Dichloropropane	4.23	77	100887	48.888	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	70232	52.596	ug/l	97
28) Bromochloromethane	4.55	49	72910	57.160	ug/l	95
29) Tetrahydrofuran	4.64	42	232488	283.370	ug/l	96
30) Chloroform	4.67	83	125302	51.015	ug/l	99
31) Cyclohexane	5.00	56	123674	51.433	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	103119	52.583	ug/l	99
36) 1,1-Dichloropropene	5.14	75	92219	50.432	ug/l	99
37) Ethyl Acetate	4.38	43	131322	53.051	ug/l	99
38) Carbon Tetrachloride	5.14	117	85578	49.179	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	106664	53.677	ug/l	97
40) Benzene	5.39	78	278422	50.087	ug/l	100
41) Methacrylonitrile	4.54	41	75277	58.555	ug/l	98
42) 1,2-Dichloroethane	5.40	62	109330	52.057	ug/l	99
43) Isopropyl Acetate	5.55	43	202573	56.113	ug/l	99
44) Trichloroethene	6.19	130	59777	50.512	ug/l	95
45) 1,2-Dichloropropane	6.43	63	83173	52.512	ug/l	98
46) Dibromomethane	6.56	93	48084	50.266	ug/l	99
47) Bromodichloromethane	6.76	83	99790	51.590	ug/l	99
48) Methyl methacrylate	6.62	41	103656	52.699	ug/l	98
49) 1,4-Dioxane	6.61	88	36995	947.968	ug/l	95
51) 4-Methyl-2-Pentanone	7.46	43	696859	287.011	ug/l	99
52) Toluene	7.64	92	168497	52.881	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	114825	55.252	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	121623	53.225	ug/l	100
55) 1,1,2-Trichloroethane	8.07	97	68653	50.849	ug/l	99
56) Ethyl methacrylate	8.02	69	118808	50.685	ug/l	96
57) 1,3-Dichloropropane	8.24	76	134128	53.414	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	347555	261.202	ug/l	98
59) 2-Hexanone	8.36	43	527544	277.570	ug/l	100
60) Dibromochloromethane	8.48	129	68932	52.051	ug/l	98
61) 1,2-Dibromoethane	8.59	107	72071	51.305	ug/l	99
64) Tetrachloroethene	8.23	164	49570	47.726	ug/l	97
65) Chlorobenzene	9.12	112	173765	48.621	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	63459	51.552	ug/l	98
67) Ethyl Benzene	9.25	91	318323	54.165	ug/l	100
68) m/p-Xylenes	9.38	106	234902	98.716	ug/l	98
69) o-Xylene	9.78	106	113173	54.352	ug/l	97
70) Styrene	9.79	104	192445	49.517	ug/l	100
71) Bromoform	9.96	173	49681	52.190	ug/l #	98
73) Isopropylbenzene	10.17	105	311256	55.303	ug/l	99
74) N-amyl acetate	10.02	43	189760	58.247	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	123500	47.726	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	146234	65.058	ug/l	83
77) Bromobenzene	10.45	156	69518	50.546	ug/l	95
78) n-propylbenzene	10.59	91	378860	56.891	ug/l	99
79) 2-Chlorotoluene	10.66	91	222942	53.297	ug/l	97
80) 1,3,5-Trimethylbenzene	10.77	105	259885	55.938	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.49	75	146234	208.198	ug/l #	100
82) 4-Chlorotoluene	10.77	91	255109	54.391	ug/l	99
83) tert-Butylbenzene	11.10	119	250041	54.437	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	263307	55.690	ug/l	100
85) sec-Butylbenzene	11.32	105	315944	56.348	ug/l	99
86) p-Isopropyltoluene	11.48	119	269484	51.198	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	130658	51.051	ug/l	98
88) 1,4-Dichlorobenzene	11.51	146	131217	47.041	ug/l	99
89) n-Butylbenzene	11.89	91	254152	49.841	ug/l	100
90) Hexachloroethane	12.15	117	49692	48.736	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	130933	48.161	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	27257	51.633	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	84794	54.123	ug/l	99
94) Hexachlorobutadiene	13.69	225	41259	49.772	ug/l	99
95) Naphthalene	13.74	128	314230	51.255	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	90380	53.795	ug/l	98

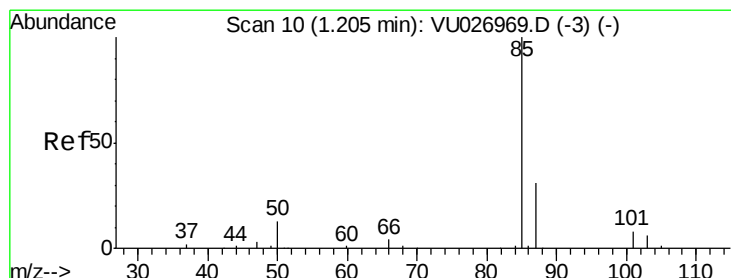
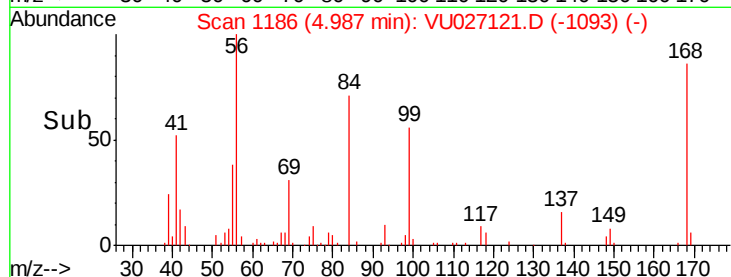
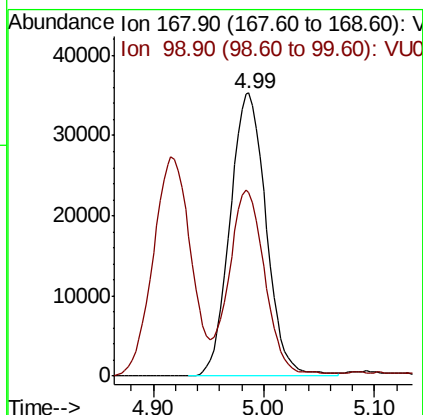
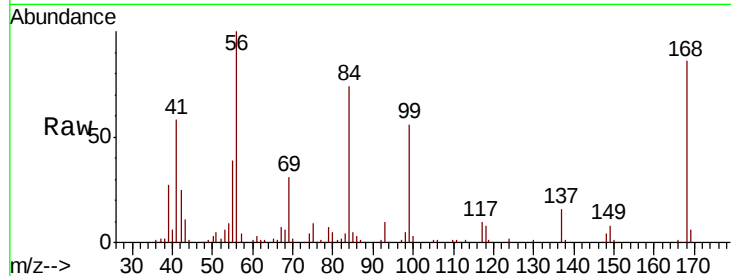
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.00 min
Lab File: VU027121.D
Acq: 24 Sep 2018 20:00

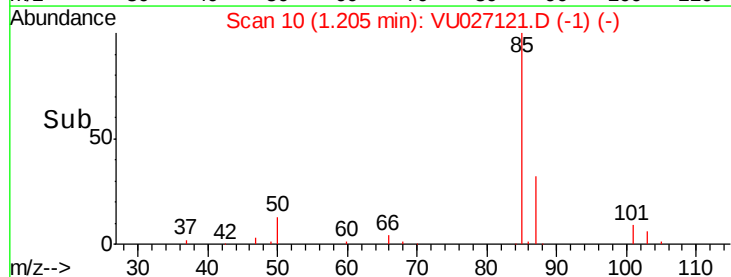
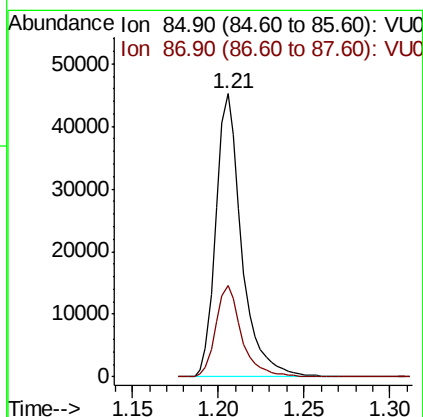
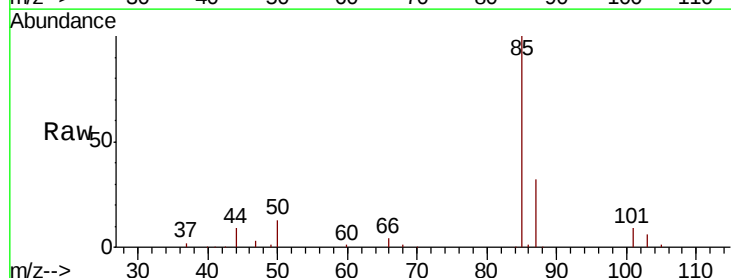
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

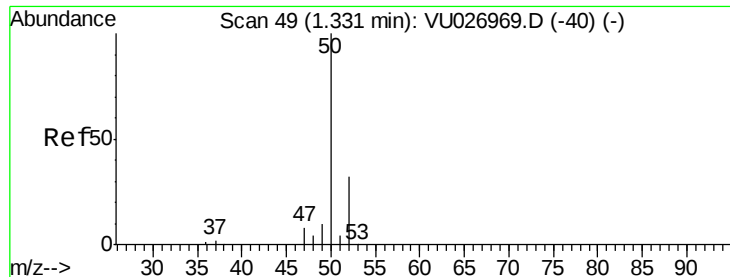
Tgt Ion:168 Resp: 80184
Ion Ratio Lower Upper
168 100
99 63.8 48.1 72.1



#2
Dichlorodifluoromethane
Concen: 45.381 ug/l
RT: 1.21 min Scan# 10
Delta R.T. -0.00 min
Lab File: VU027121.D
Acq: 24 Sep 2018 20:00

Tgt Ion: 85 Resp: 47510
Ion Ratio Lower Upper
85 100
87 32.3 15.6 46.7





#3

Chloromethane

Concen: 45.030 ug/l

RT: 1.33 min Scan# 49

Delta R.T. -0.00 min

Lab File: VU027121.D

Acq: 24 Sep 2018 20:00

Instrument :

MSVOA_U

ClientSampleId :

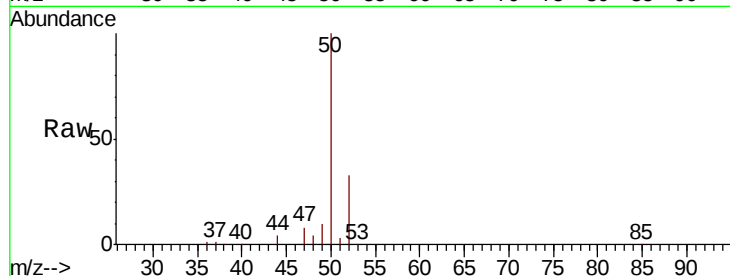
VSTDCCC050EC

Tgt Ion: 50 Resp: 81279

Ion Ratio Lower Upper

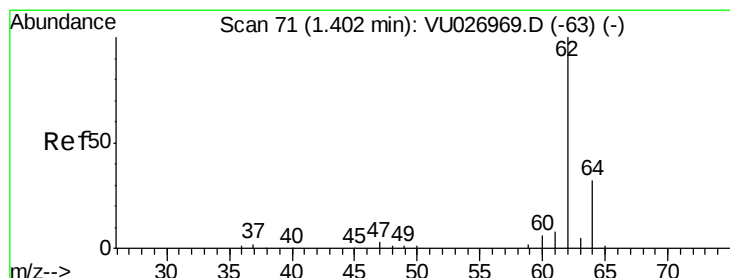
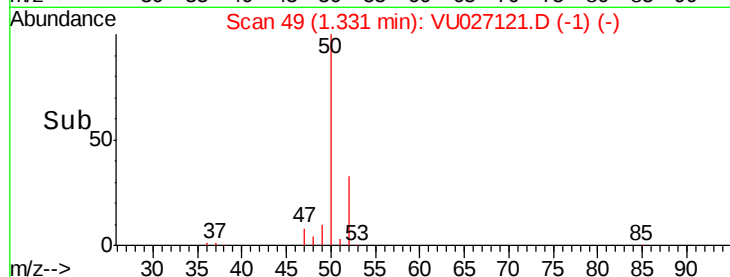
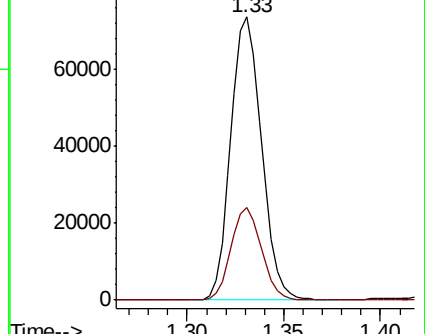
50 100

52 32.7 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 47.377 ug/l

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU027121.D

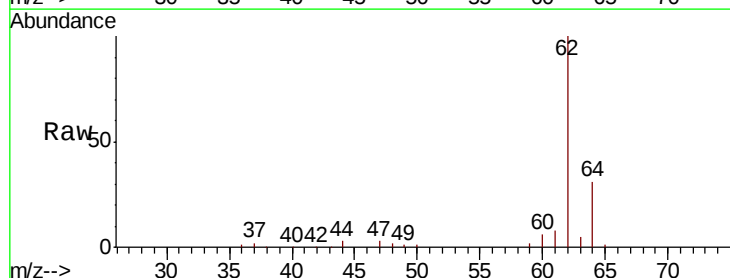
Acq: 24 Sep 2018 20:00

Tgt Ion: 62 Resp: 79824

Ion Ratio Lower Upper

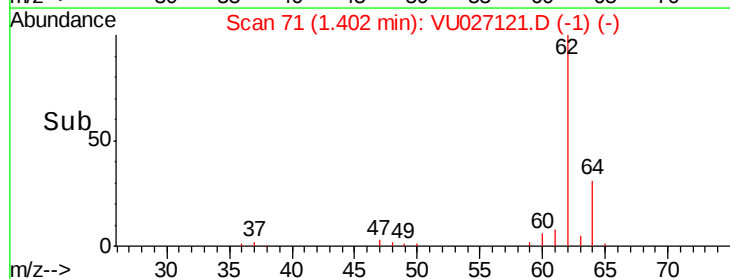
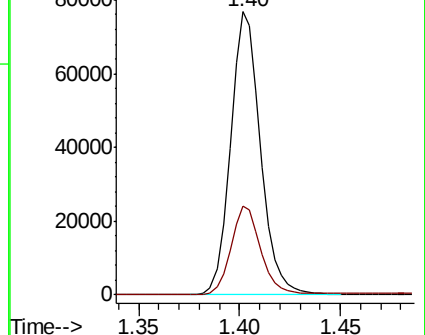
62 100

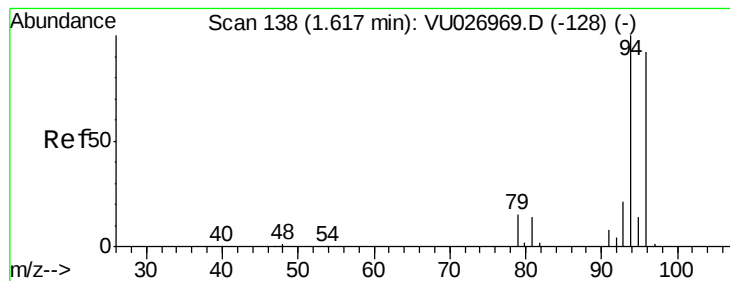
64 31.0 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#5

Bromomethane

Concen: 33.453 ug/l

RT: 1.62 min Scan# 138

Delta R.T. -0.00 min

Lab File: VU027121.D

Acq: 24 Sep 2018 20:00

Instrument :

MSVOA_U

ClientSampleId :

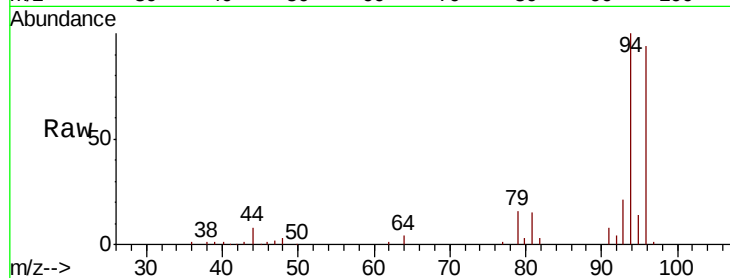
VSTDCCC050EC

Tgt Ion: 94 Resp: 32097

Ion Ratio Lower Upper

94 100

96 93.8 73.2 109.8



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

Ion 95.90 (95.60 to 96.60): VU027121.D (-45) (-)

1.62

25000

20000

15000

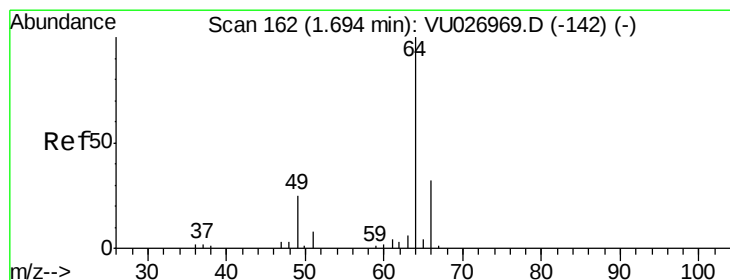
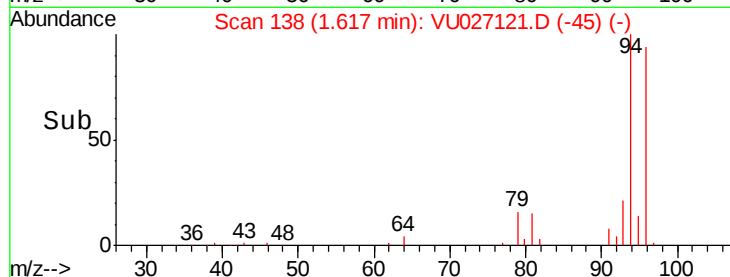
10000

5000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 48.040 ug/l

RT: 1.69 min Scan# 162

Delta R.T. -0.00 min

Lab File: VU027121.D

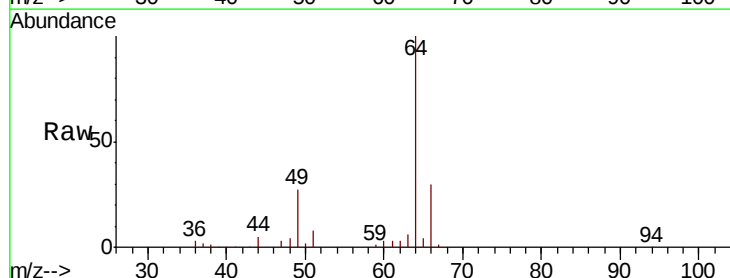
Acq: 24 Sep 2018 20:00

Tgt Ion: 64 Resp: 51716

Ion Ratio Lower Upper

64 100

66 30.3 25.3 37.9



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

Ion 65.90 (65.60 to 66.60): VU027121.D (-69) (-)

1.69

40000

30000

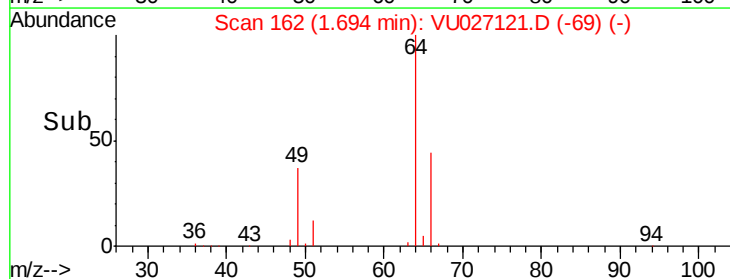
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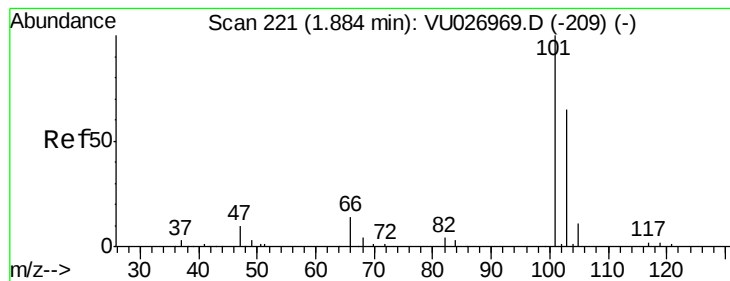
10000

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Time-->

1.65 1.70 1.75 1.80





#7

Trichlorofluoromethane

Concen: 48.751 ug/l

RT: 1.88 min Scan# 221

Delta R.T. -0.00 min

Lab File: VU027121.D

Acq: 24 Sep 2018 20:00

Instrument :

MSVOA_U

ClientSampleId :

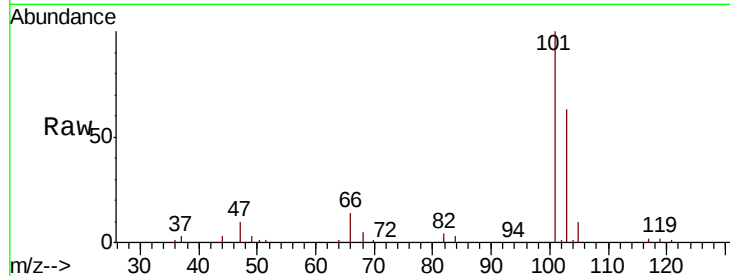
VSTDCCC050EC

Tgt Ion:101 Resp: 93290

Ion Ratio Lower Upper

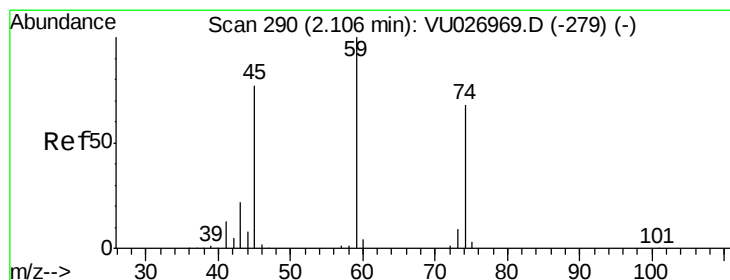
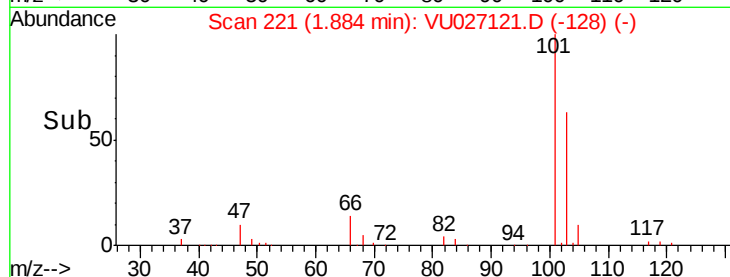
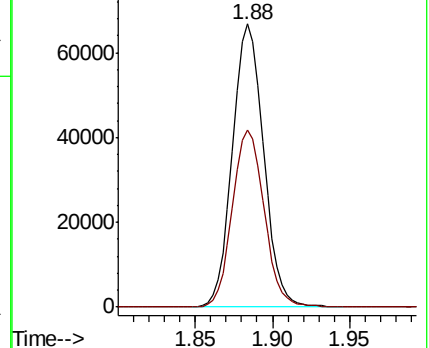
101 100

103 62.8 52.2 78.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 49.474 ug/l

RT: 2.10 min Scan# 289

Delta R.T. -0.00 min

Lab File: VU027121.D

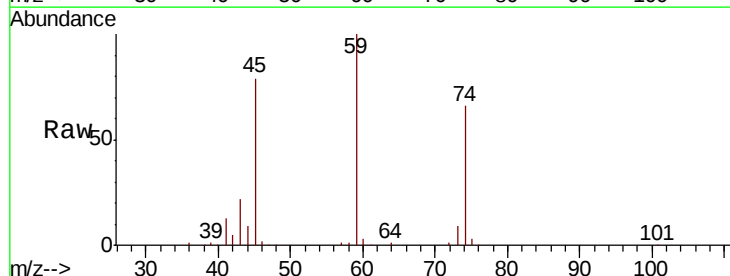
Acq: 24 Sep 2018 20:00

Tgt Ion: 74 Resp: 45570

Ion Ratio Lower Upper

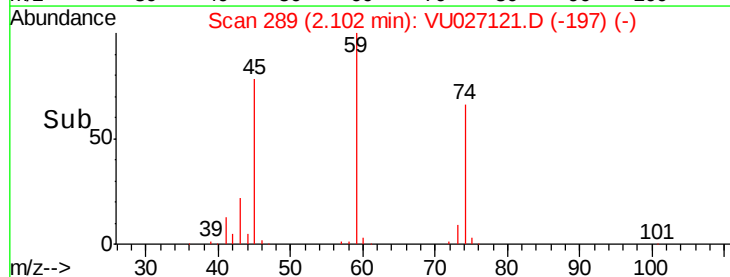
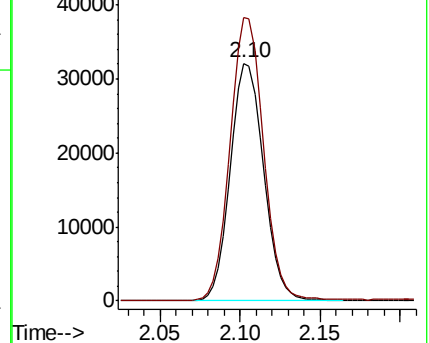
74 100

45 119.5 56.9 170.7



Abundance Ion 74.00 (73.70 to 74.70): VU0

Ion 45.00 (44.70 to 45.70): VU0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.560 ug/l

RT: 2.29 min Scan# 346

Delta R.T. -0.00 min

Lab File: VU027121.D

Acq: 24 Sep 2018 20:00

Instrument :

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ClientSampleId :

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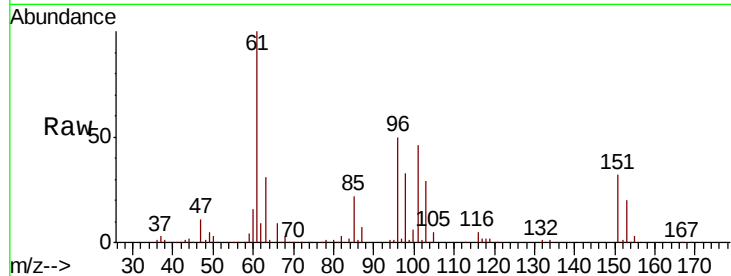
Tgt Ion:101 Resp: 54783

Ion Ratio Lower Upper

101 100

85 47.0 36.2 54.2

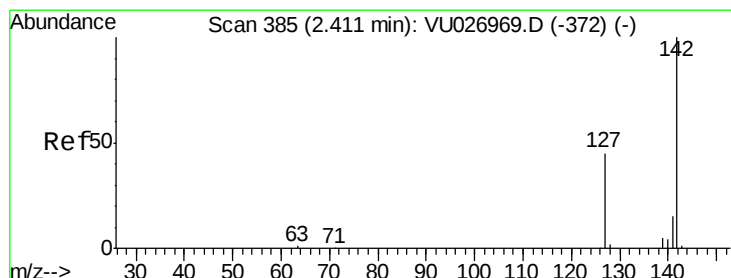
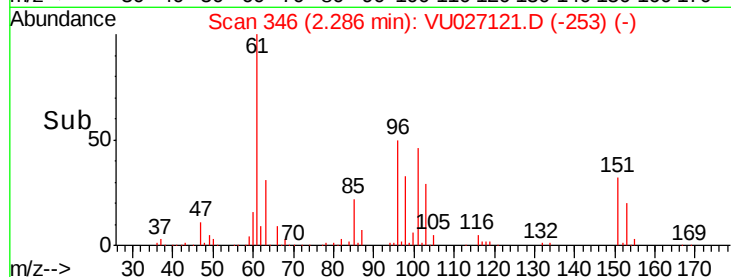
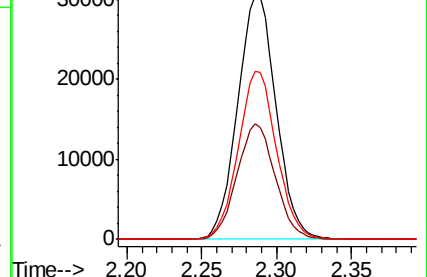
151 68.3 54.5 81.7



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: 27.611 ug/l

RT: 2.41 min Scan# 385

Delta R.T. -0.00 min

Lab File: VU027121.D

Acq: 24 Sep 2018 20:00

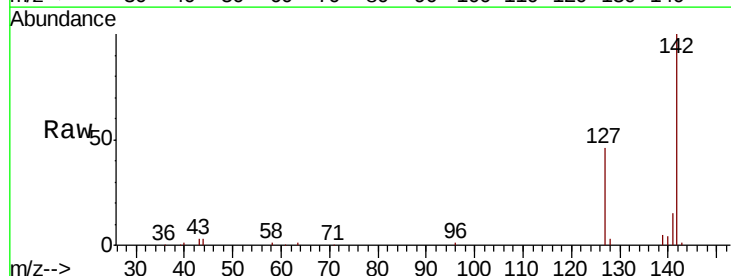
Tgt Ion:142 Resp: 40292

Ion Ratio Lower Upper

142 100

127 46.0 36.7 55.1

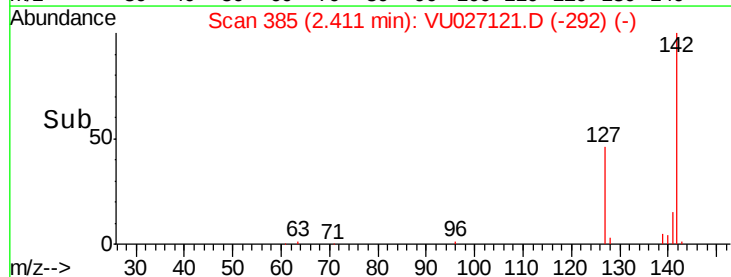
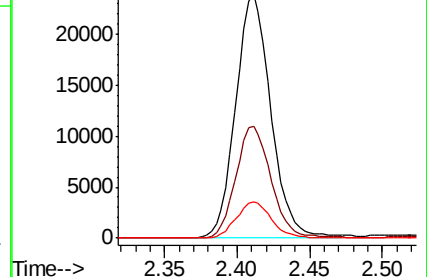
141 14.7 11.8 17.6

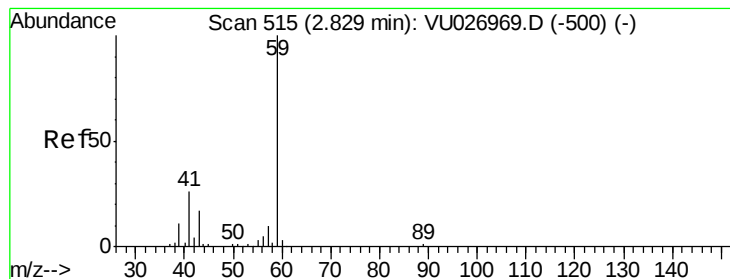


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



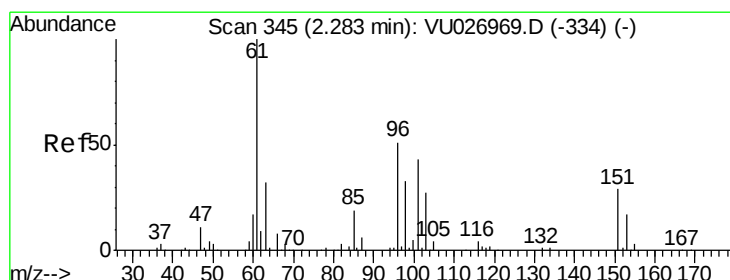
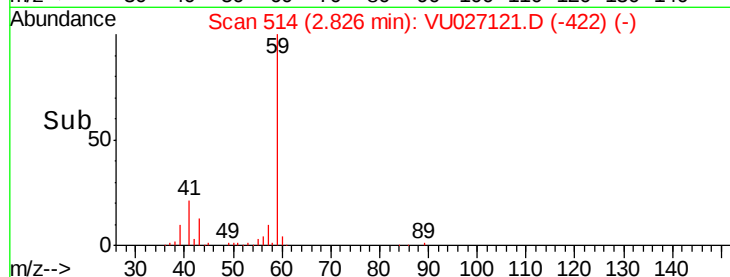
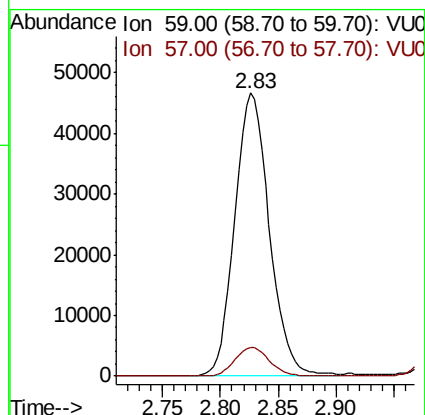
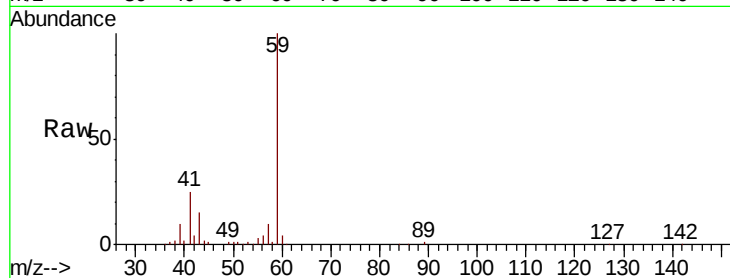


#11

Tert butyl alcohol
 Concen: 261.250 ug/l
 RT: 2.83 min Scan# 514
 Delta R.T. -0.00 min
 Lab File: VU027121.D
 Acq: 24 Sep 2018 20:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

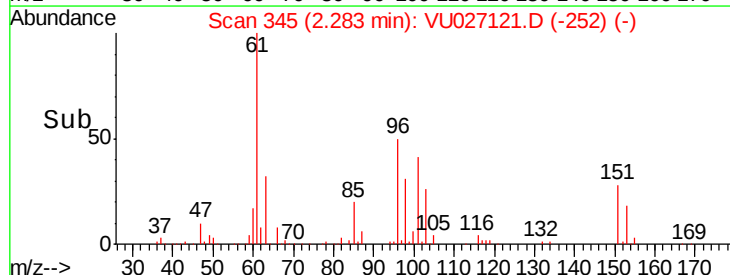
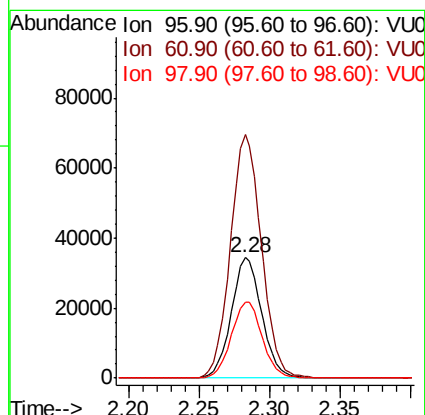
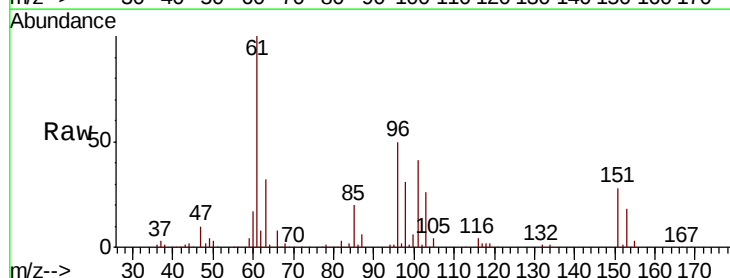
Tgt Ion: 59 Resp: 96637
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.5 12.7

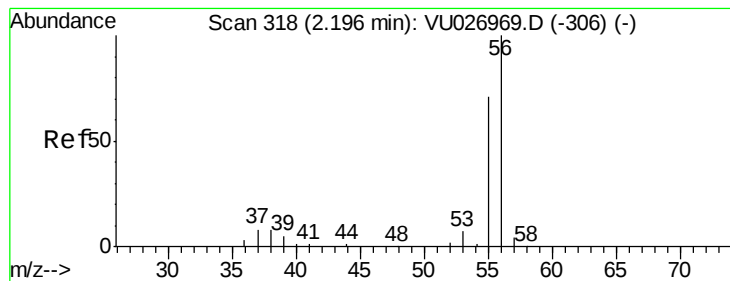


#12

1,1-Dichloroethene
 Concen: 46.988 ug/l
 RT: 2.28 min Scan# 345
 Delta R.T. -0.00 min
 Lab File: VU027121.D
 Acq: 24 Sep 2018 20:00

Tgt Ion: 96 Resp: 52037
 Ion Ratio Lower Upper
 96 100
 61 201.7 156.1 234.1
 98 63.4 51.4 77.0





#13

Acrolein

Concen: 230.564 ug/l

RT: 2.20 min Scan# 318

Delta R.T. -0.00 min

Lab File: VU027121.D

Acq: 24 Sep 2018 20:00

Instrument :

MSVOA_U

ClientSampleId :

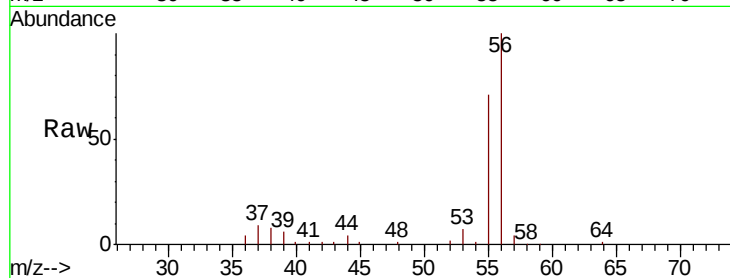
VSTDCCC050EC

Tgt Ion: 56 Resp: 45975

Ion Ratio Lower Upper

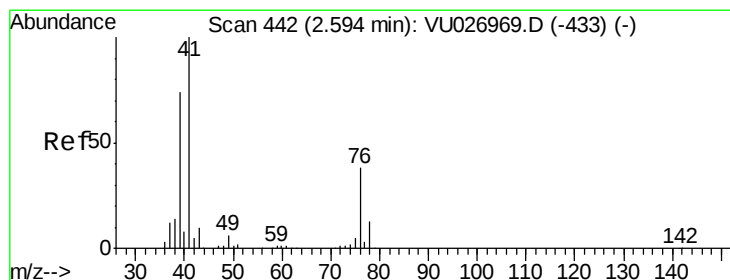
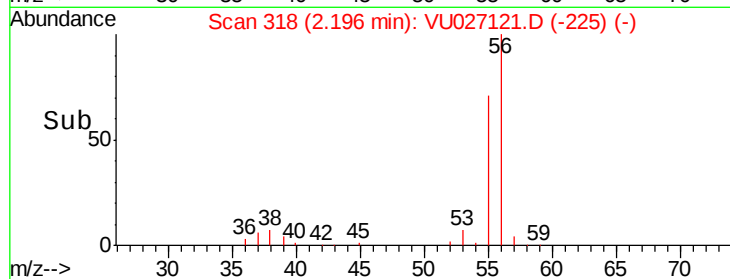
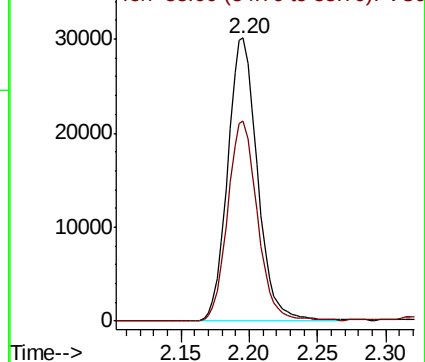
56 100

55 70.6 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0



#14

Allyl chloride

Concen: 55.967 ug/l

RT: 2.59 min Scan# 441

Delta R.T. -0.00 min

Lab File: VU027121.D

Acq: 24 Sep 2018 20:00

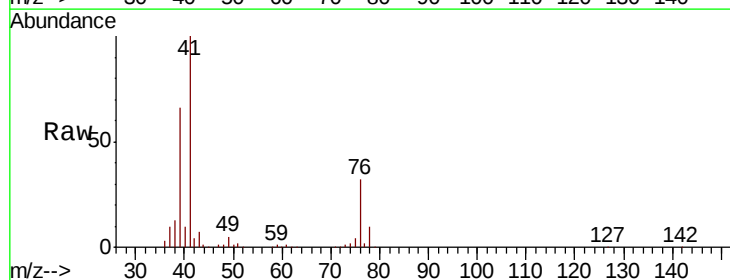
Tgt Ion: 41 Resp: 125712

Ion Ratio Lower Upper

41 100

39 67.1 55.7 83.5

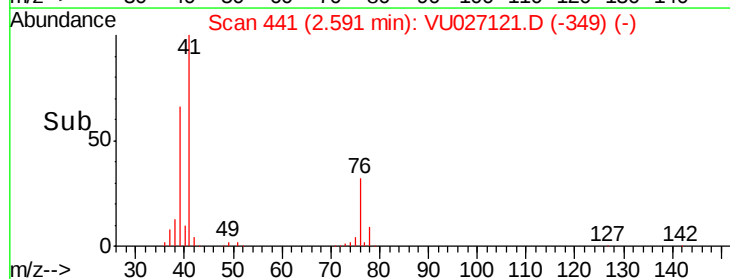
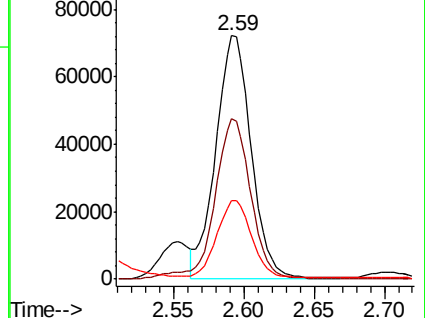
76 31.3 26.5 39.7

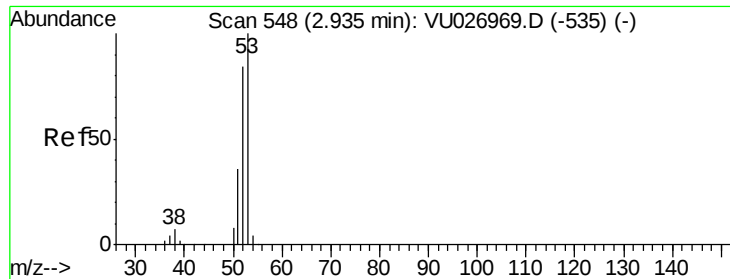


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0





#15

Acrylonitrile

Concen: 267.349 ug/l

RT: 2.94 min Scan# 548

Delta R.T. -0.00 min

Lab File: VU027121.D

Acq: 24 Sep 2018 20:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

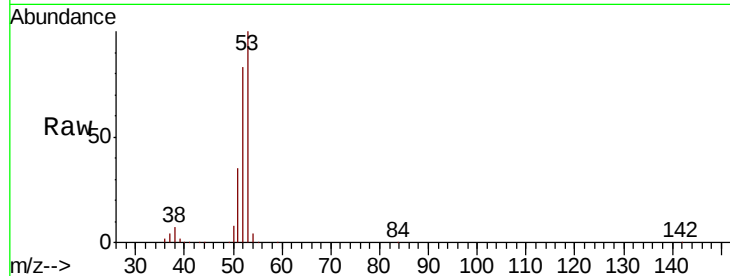
Tgt Ion: 53 Resp: 249249

Ion Ratio Lower Upper

53 100

52 82.2 65.7 98.5

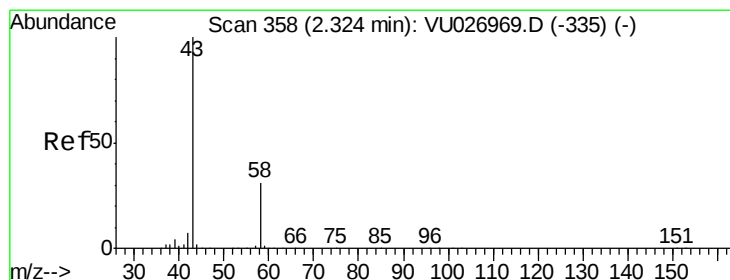
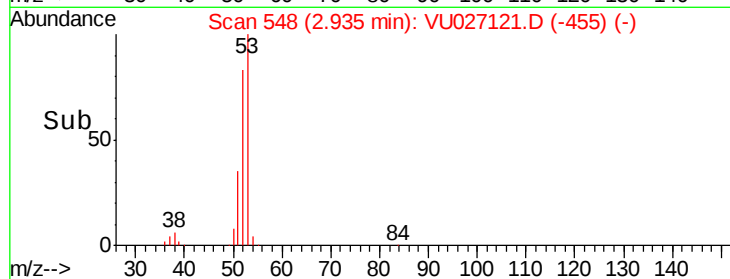
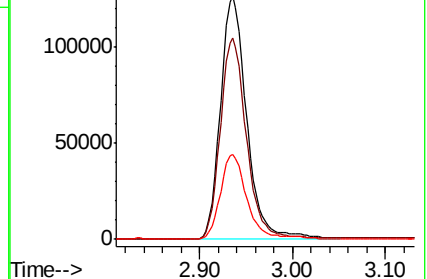
51 35.8 27.4 41.2



Abundance Ion 53.00 (52.70 to 53.70): VU027121.D (-535) (-)

Ion 52.00 (51.70 to 52.70): VU027121.D (-535) (-)

Ion 51.00 (50.70 to 51.70): VU027121.D (-535) (-)



#16

Acetone

Concen: 259.486 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU027121.D

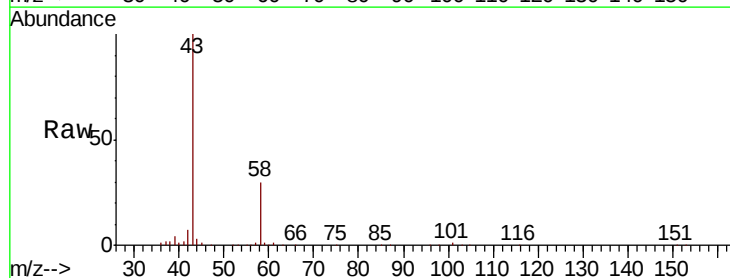
Acq: 24 Sep 2018 20:00

Tgt Ion: 43 Resp: 221906

Ion Ratio Lower Upper

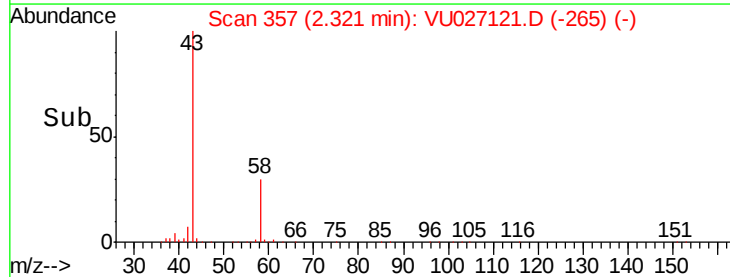
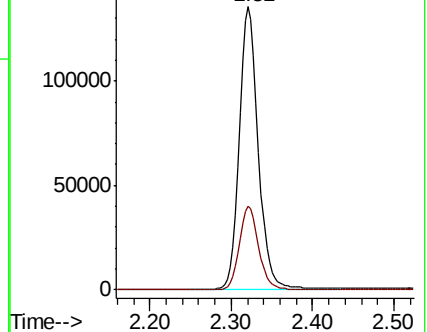
43 100

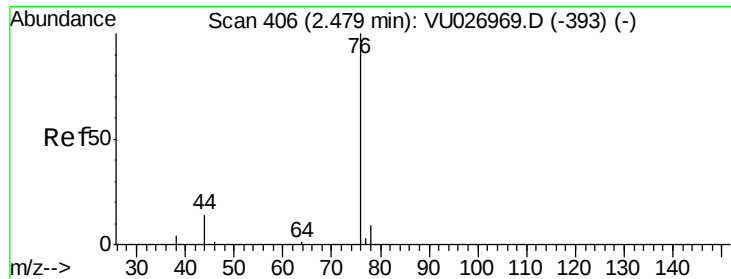
58 29.6 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VU027121.D (-265) (-)

Ion 58.00 (57.70 to 58.70): VU027121.D (-265) (-)

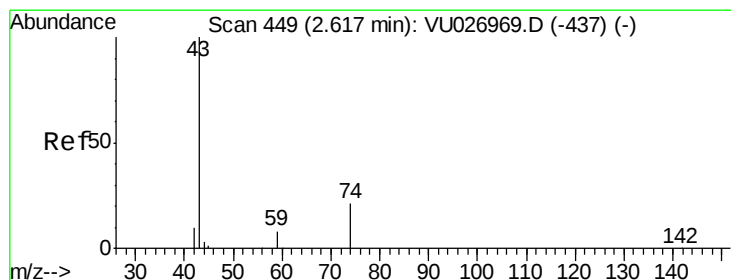
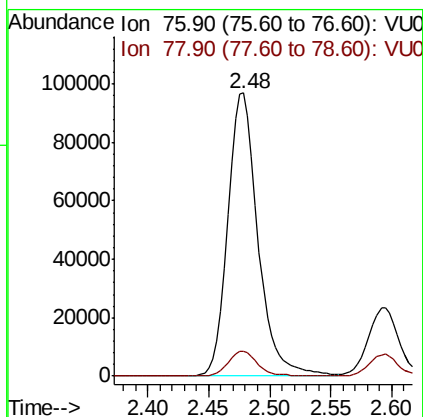
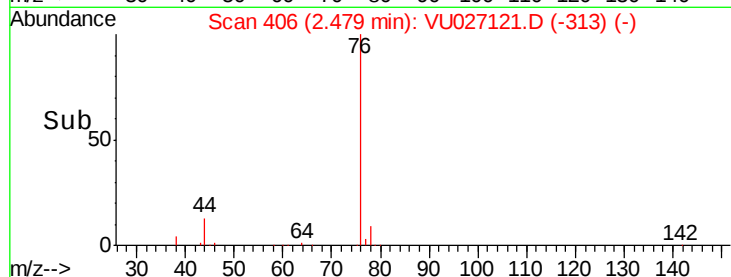
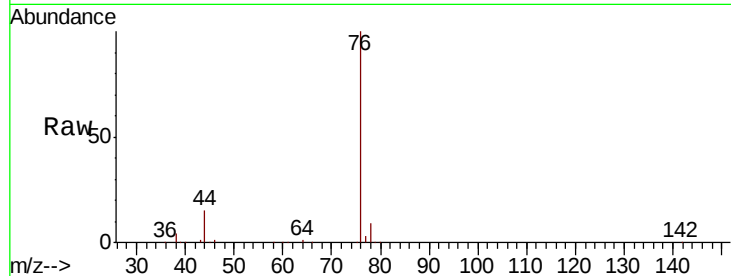




#17
Carbon Disulfide
Concen: 46.521 ug/l
RT: 2.48 min Scan# 406
Delta R.T. -0.00 min
Lab File: VU027121.D
Acq: 24 Sep 2018 20:00

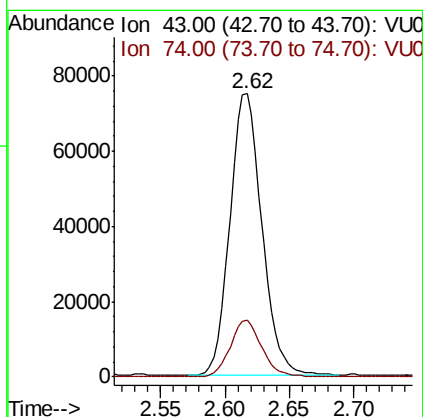
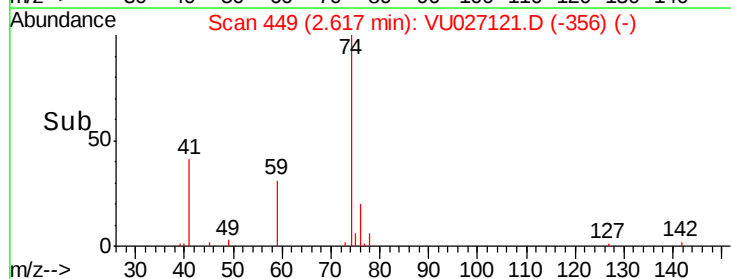
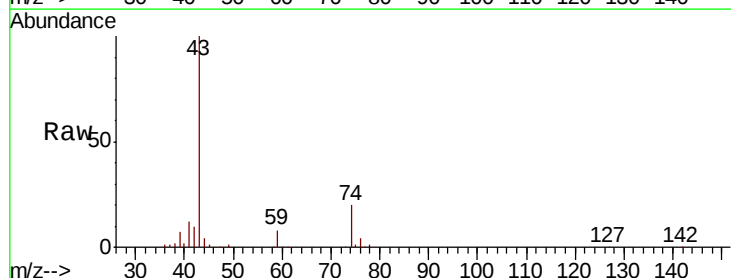
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

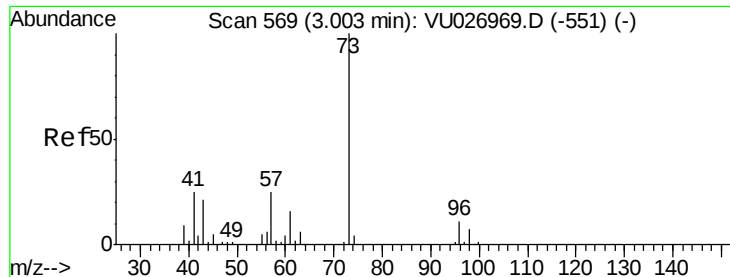
Tgt Ion: 76 Resp: 167835
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7



#18
Methyl Acetate
Concen: 56.199 ug/l
RT: 2.62 min Scan# 449
Delta R.T. -0.00 min
Lab File: VU027121.D
Acq: 24 Sep 2018 20:00

Tgt Ion: 43 Resp: 129089
Ion Ratio Lower Upper
43 100
74 19.9 16.6 25.0

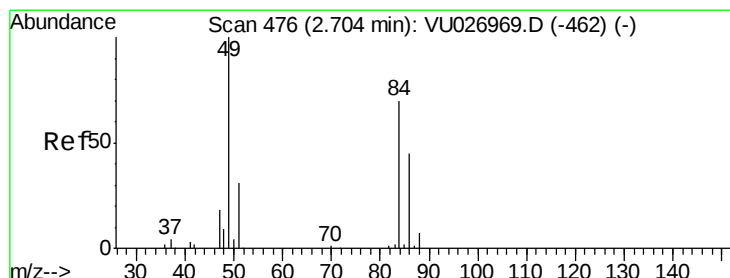
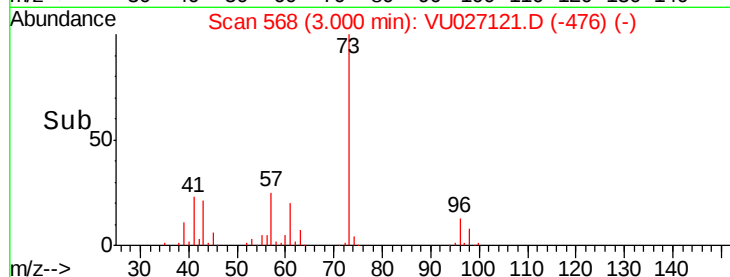
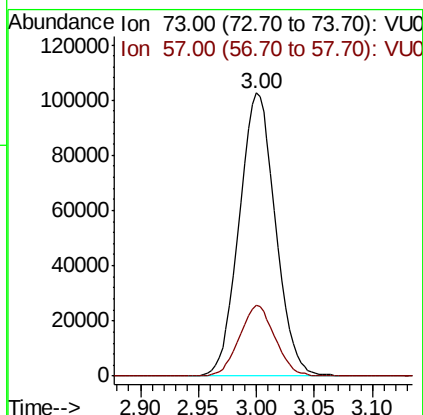
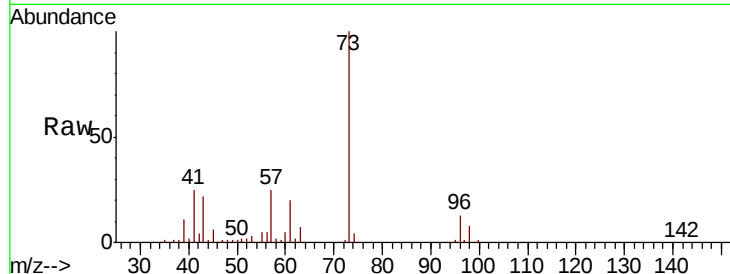




#19
Methyl tert-butyl Ether
Concen: 54.921 ug/l
RT: 3.00 min Scan# 568
Delta R.T. -0.00 min
Lab File: VU027121.D
Acq: 24 Sep 2018 20:00

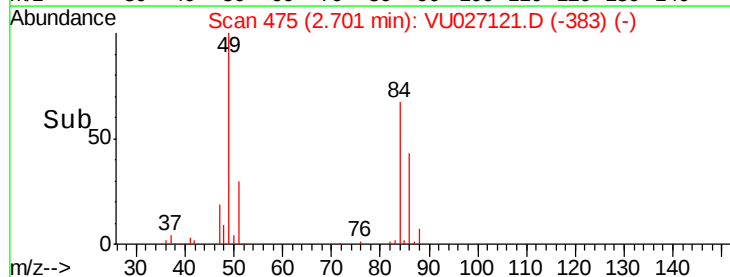
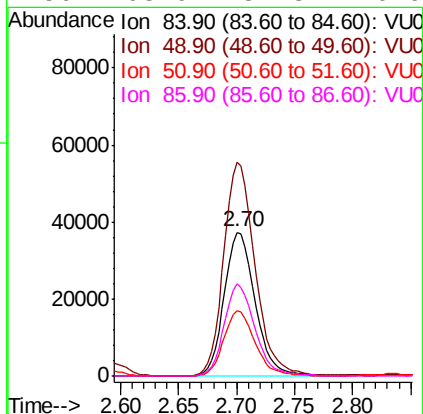
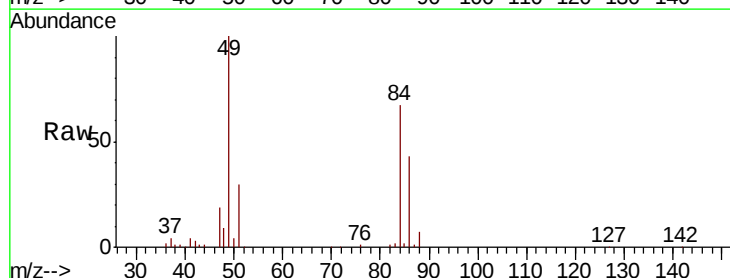
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

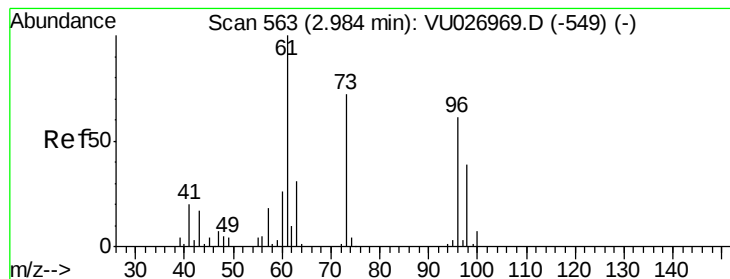
Tgt Ion: 73 Resp: 223509
Ion Ratio Lower Upper
73 100
57 24.9 19.8 29.6



#20
Methylene Chloride
Concen: 47.698 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU027121.D
Acq: 24 Sep 2018 20:00

Tgt Ion: 84 Resp: 68939
Ion Ratio Lower Upper
84 100
49 148.9 114.9 172.3
51 45.4 35.8 53.8
86 63.9 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 50.564 ug/l

RT: 2.98 min Scan# 563

Delta R.T. -0.00 min

Lab File: VU027121.D

Acq: 24 Sep 2018 20:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

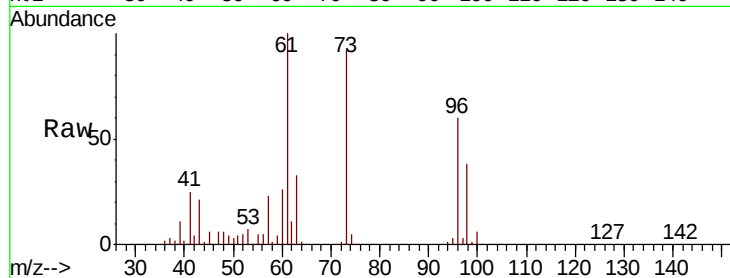
Tgt Ion: 96 Resp: 59787

Ion Ratio Lower Upper

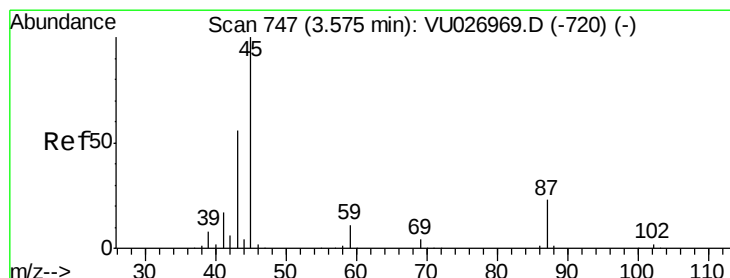
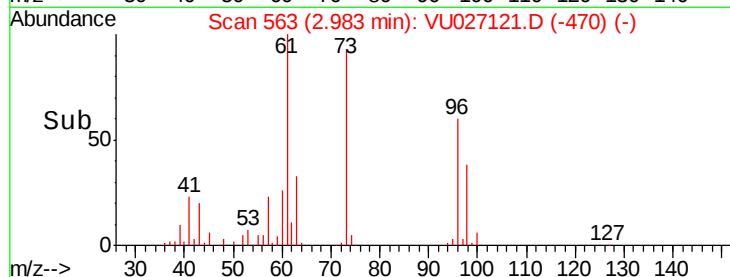
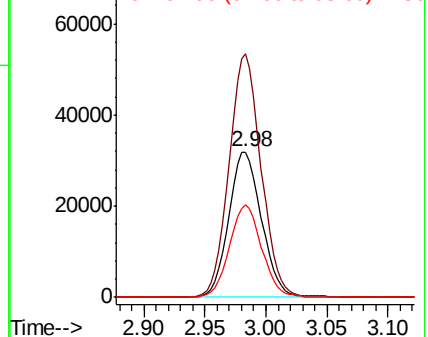
96 100

61 167.5 131.8 197.6

98 63.5 50.9 76.3



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



#22

Diisopropyl ether

Concen: 57.346 ug/l

RT: 3.58 min Scan# 747

Delta R.T. -0.00 min

Lab File: VU027121.D

Acq: 24 Sep 2018 20:00

Tgt Ion: 45 Resp: 275515

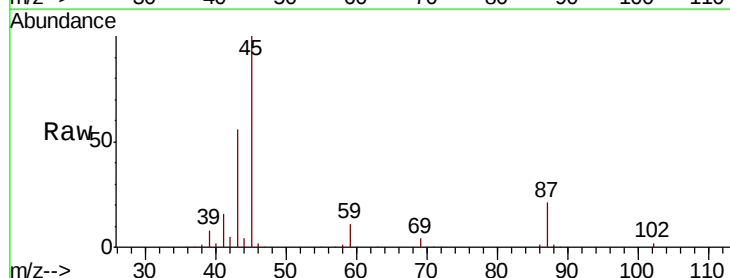
Ion Ratio Lower Upper

45 100

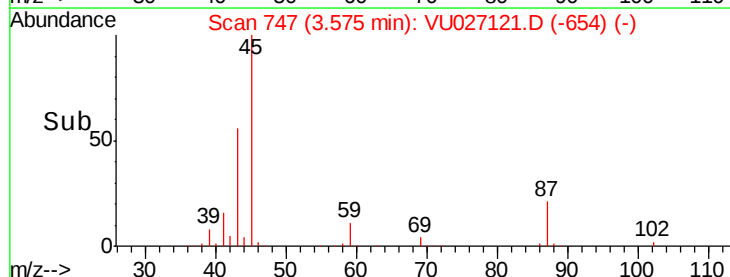
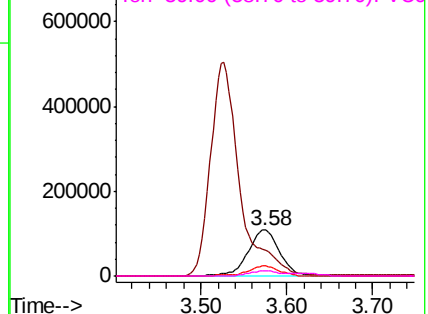
43 53.4 45.8 68.6

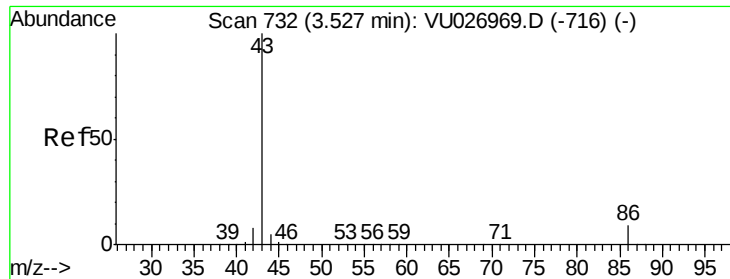
87 21.3 18.6 28.0

59 11.2 9.0 13.4



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

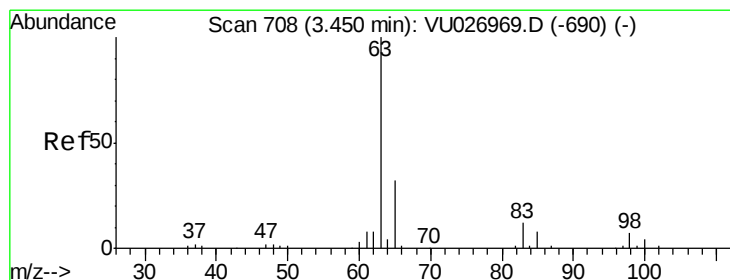
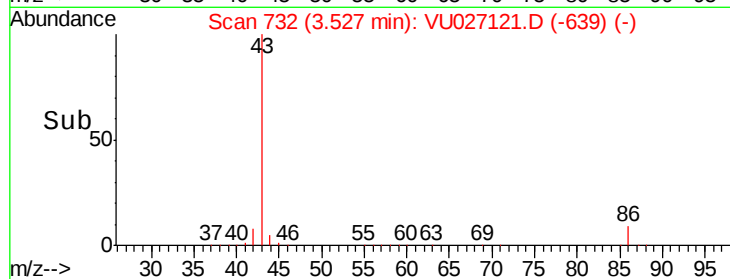
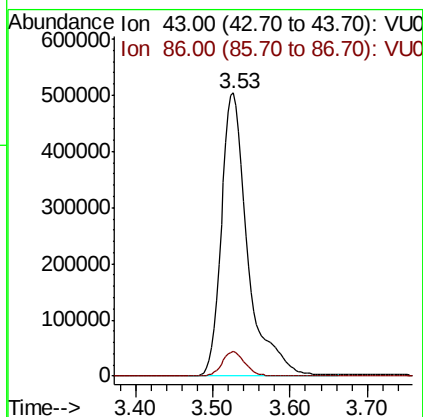
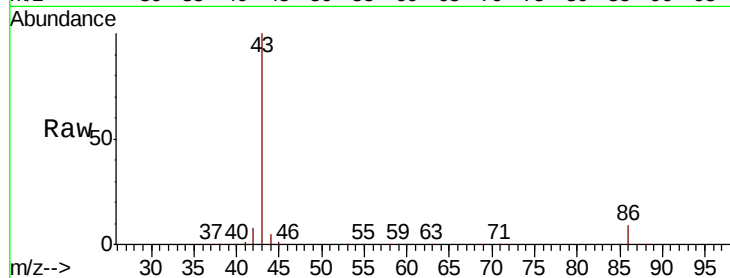




#23
 Vinyl Acetate
 Concen: 293.351 ug/l
 RT: 3.53 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: VU027121.D
 Acq: 24 Sep 2018 20:00

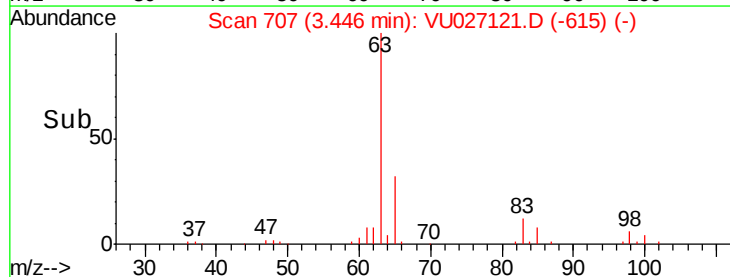
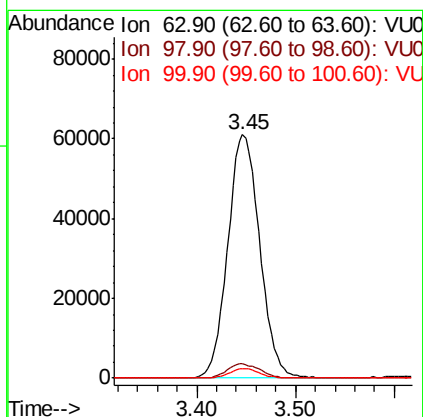
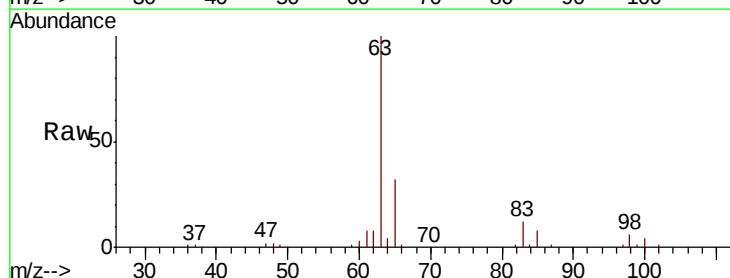
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1201386
 Ion Ratio Lower Upper
 43 100
 86 8.6 7.2 10.8



#24
 1,1-Dichloroethane
 Concen: 52.232 ug/l
 RT: 3.45 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VU027121.D
 Acq: 24 Sep 2018 20:00

Tgt Ion: 63 Resp: 138209
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.3 9.8
 100 4.0 2.0 5.8





#25

2-Butanone

Concen: 263.808 ug/l

RT: 4.26 min Scan# 961

Delta R.T. -0.00 min

Lab File: VU027121.D

Acq: 24 Sep 2018 20:00

Instrument :

MSVOA_U

ClientSampleId :

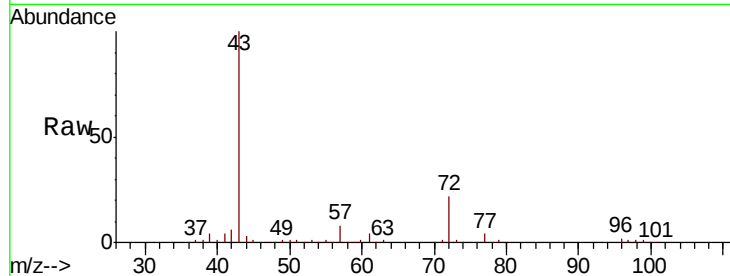
VSTDCCC050EC

Tgt Ion: 43 Resp: 357789

Ion Ratio Lower Upper

43 100

72 22.3 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

4.26

150000

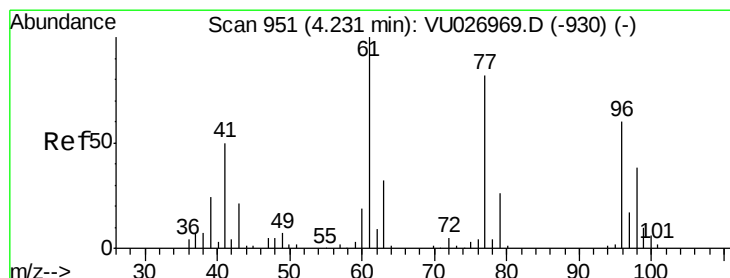
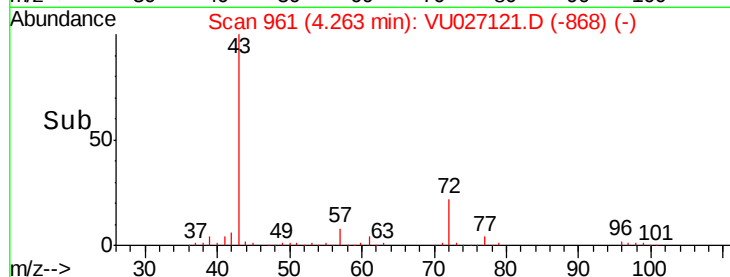
100000

50000

0

4.20 4.30

Time-->



#26

2,2-Dichloropropane

Concen: 48.888 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU027121.D

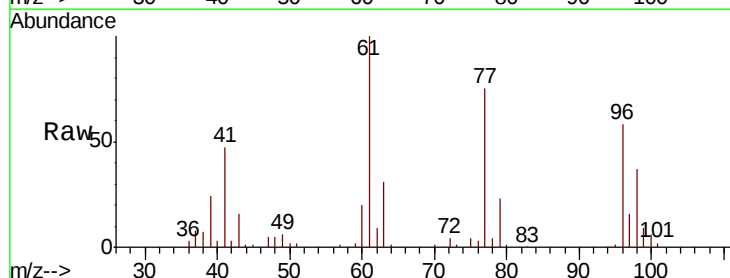
Acq: 24 Sep 2018 20:00

Tgt Ion: 77 Resp: 100887

Ion Ratio Lower Upper

77 100

97 20.7 10.5 31.5



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0

4.23

40000

30000

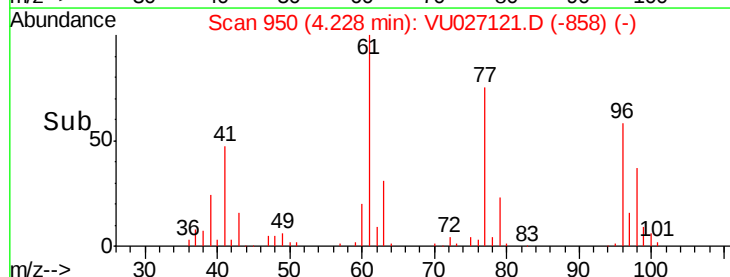
20000

10000

0

4.10 4.20 4.30

Time-->



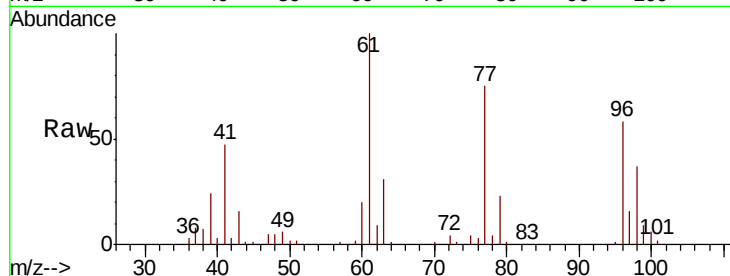


#27

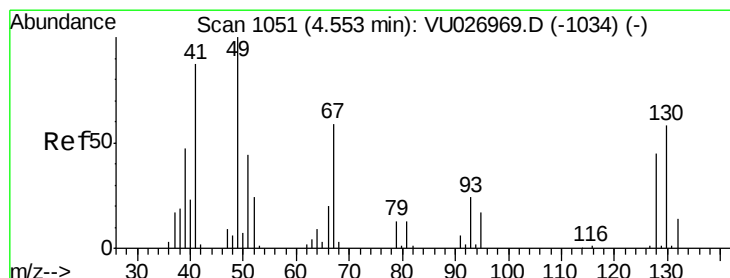
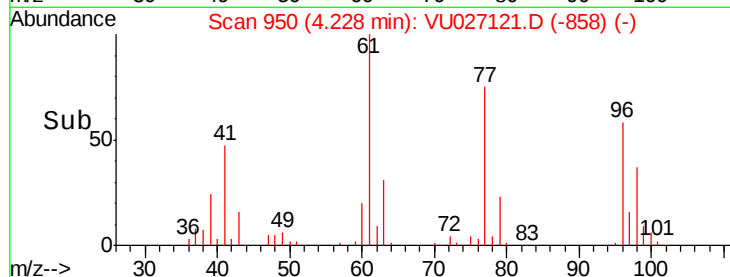
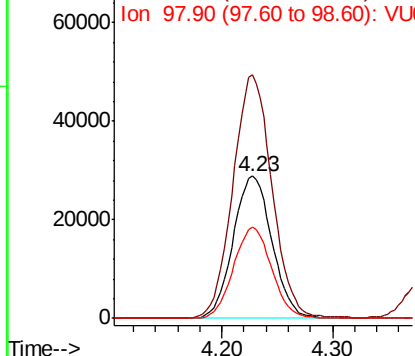
cis-1,2-Dichloroethene
Concen: 52.596 ug/l
RT: 4.23 min Scan# 950
Delta R.T. -0.00 min
Lab File: VU027121.D
Acq: 24 Sep 2018 20:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 70232
Ion Ratio Lower Upper
96 100
61 172.8 0.0 337.2
98 62.9 0.0 127.6



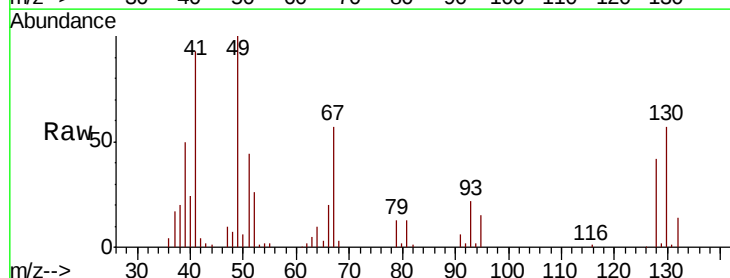
Abundance Ion 95.90 (95.60 to 96.60): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 97.90 (97.60 to 98.60): VU0



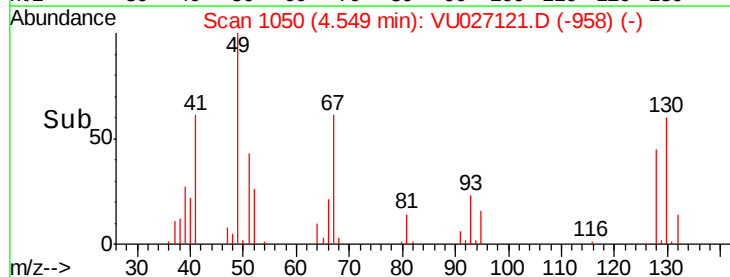
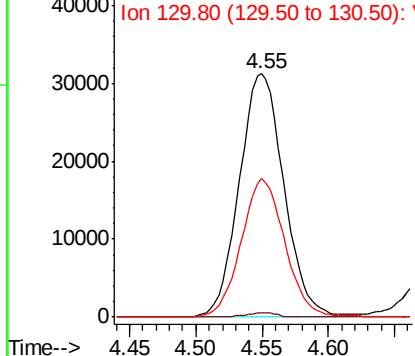
#28

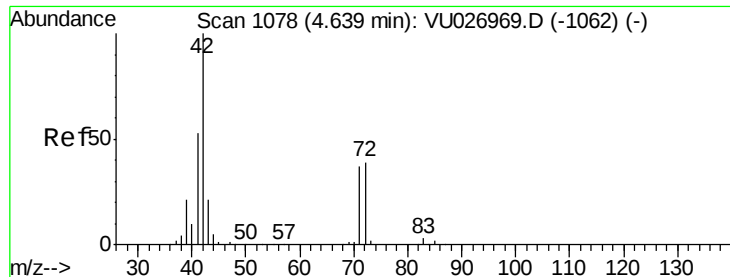
Bromochloromethane
Concen: 57.160 ug/l
RT: 4.55 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VU027121.D
Acq: 24 Sep 2018 20:00

Tgt Ion: 49 Resp: 72910
Ion Ratio Lower Upper
49 100
129 1.1 0.0 3.0
130 55.8 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: 283.370 ug/l

RT: 4.64 min Scan# 1078

Delta R.T. -0.00 min

Lab File: VU027121.D

Acq: 24 Sep 2018 20:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

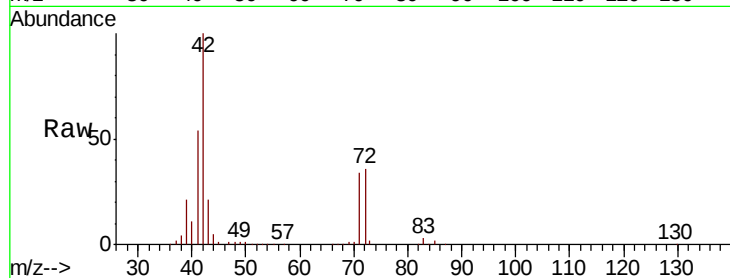
Tgt Ion: 42 Resp: 232488

Ion Ratio Lower Upper

42 100

72 37.1 31.7 47.5

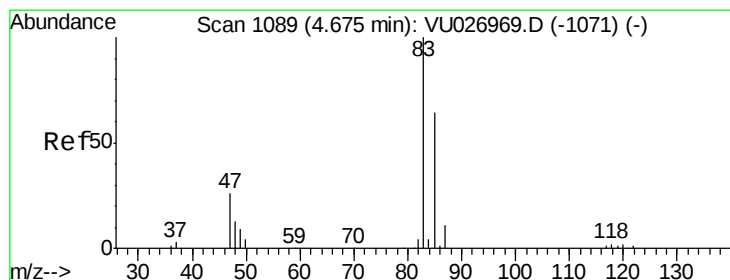
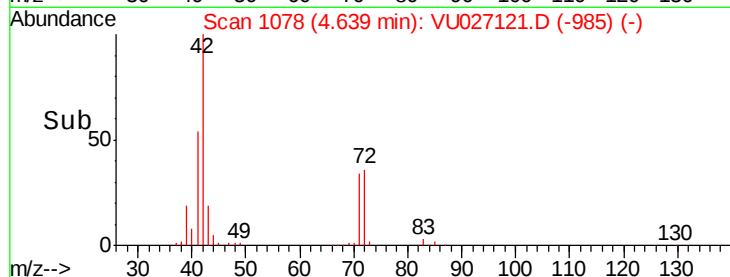
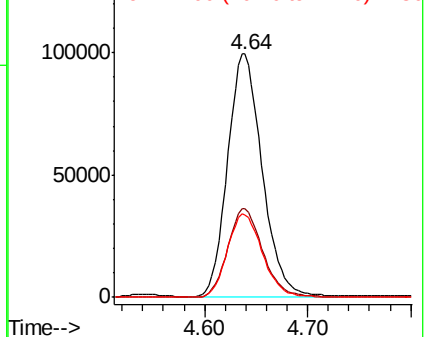
71 34.9 29.6 44.4



Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0



#30

Chloroform

Concen: 51.015 ug/l

RT: 4.67 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VU027121.D

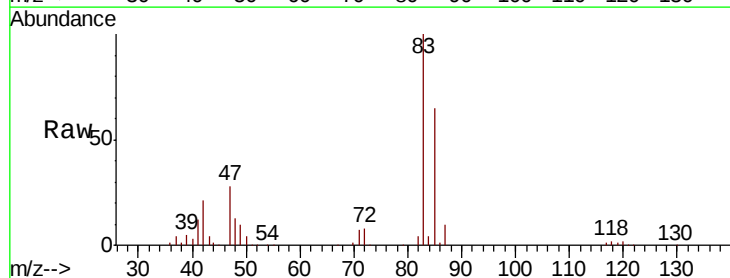
Acq: 24 Sep 2018 20:00

Tgt Ion: 83 Resp: 125302

Ion Ratio Lower Upper

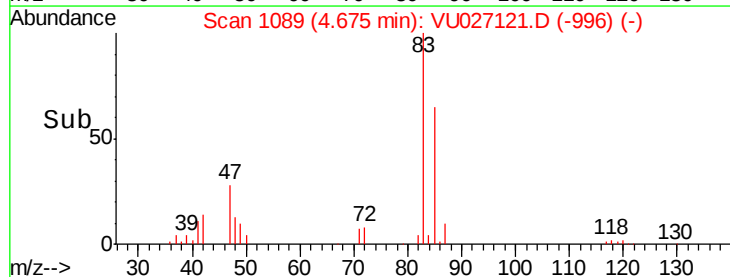
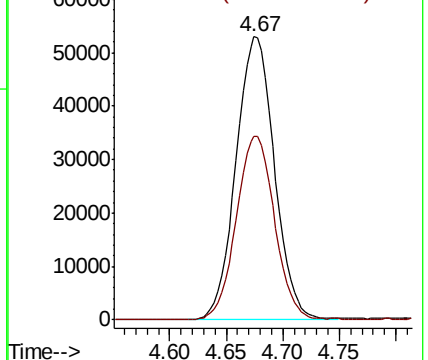
83 100

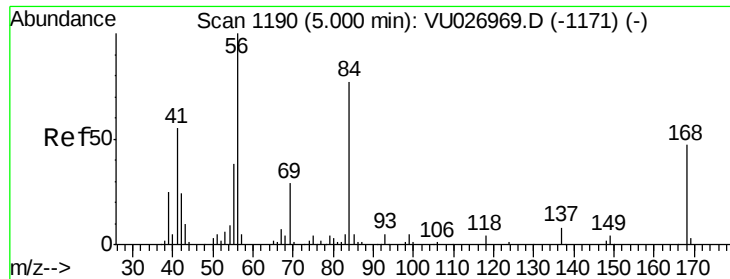
85 65.1 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

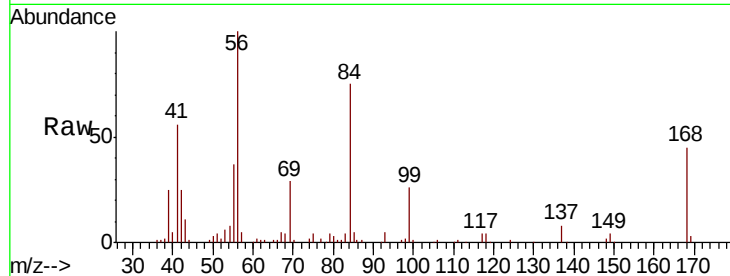




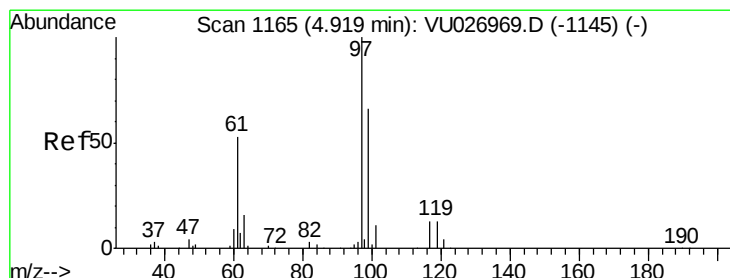
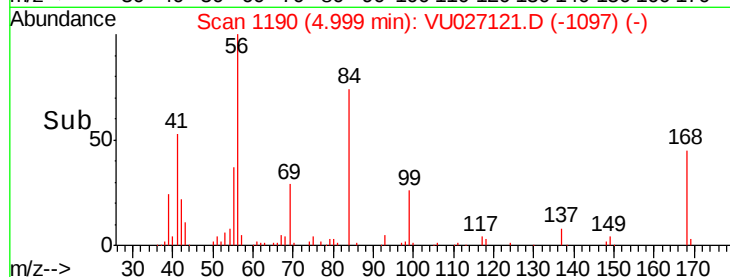
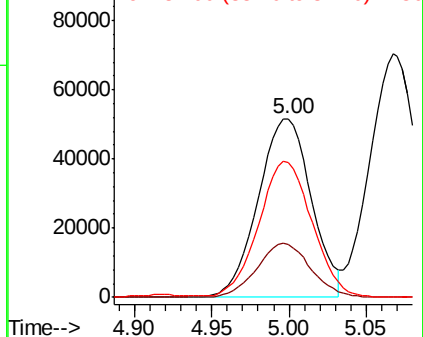
#31
Cyclohexane
Concen: 51.433 ug/l
RT: 5.00 min Scan# 1190
Delta R.T. 0.00 min
Lab File: VU027121.D
Acq: 24 Sep 2018 20:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 123674
Ion Ratio Lower Upper
56 100
69 29.5 23.0 34.4
84 74.5 61.4 92.2

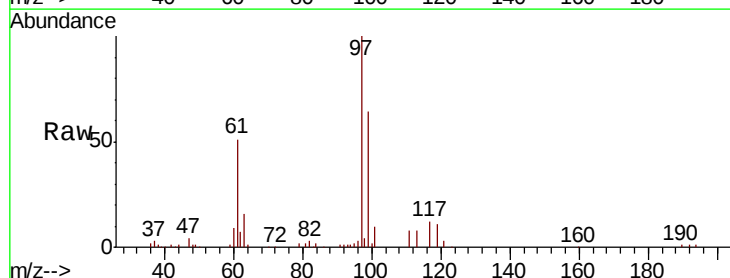


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

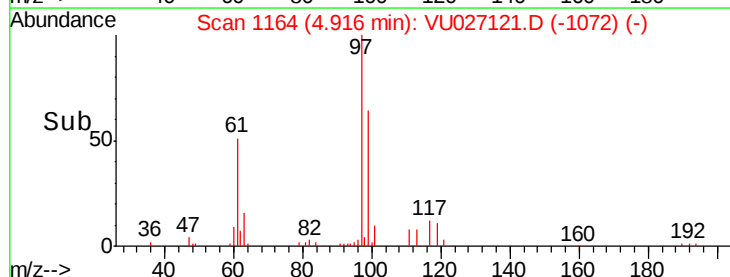
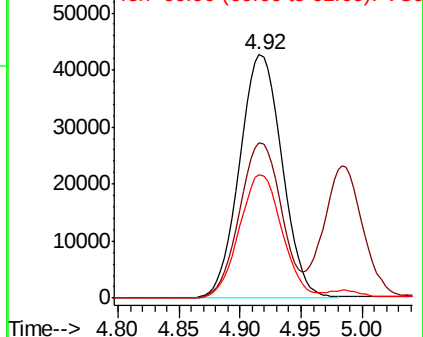


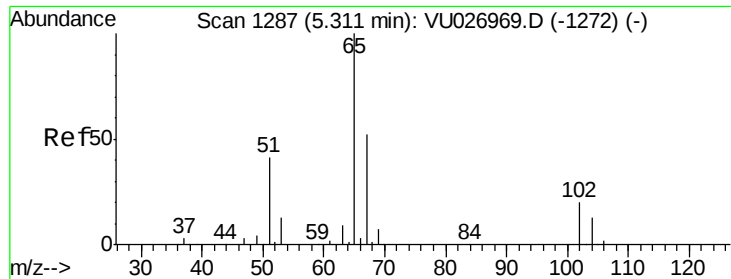
#32
1,1,1-Trichloroethane
Concen: 52.583 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. -0.00 min
Lab File: VU027121.D
Acq: 24 Sep 2018 20:00

Tgt Ion: 97 Resp: 103119
Ion Ratio Lower Upper
97 100
99 63.1 51.8 77.6
61 50.9 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

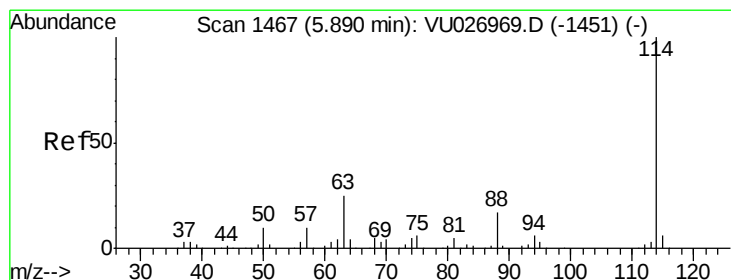
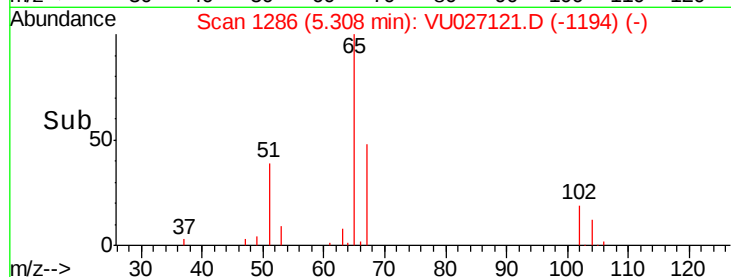
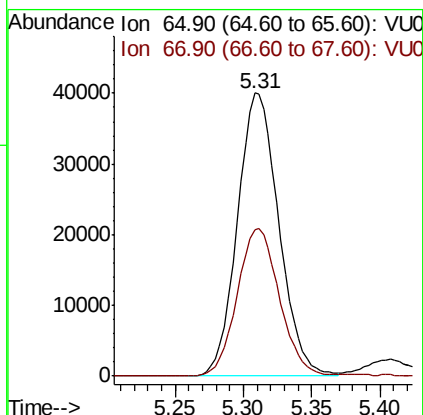
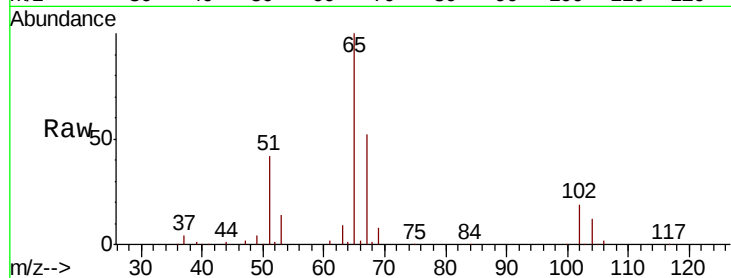




#33
 1,2-Dichloroethane-d4
 Concen: 52.311 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU027121.D
 Acq: 24 Sep 2018 20:00

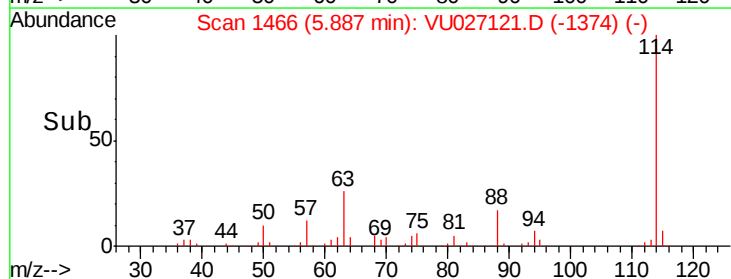
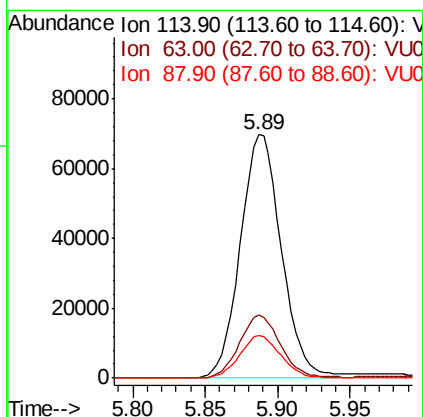
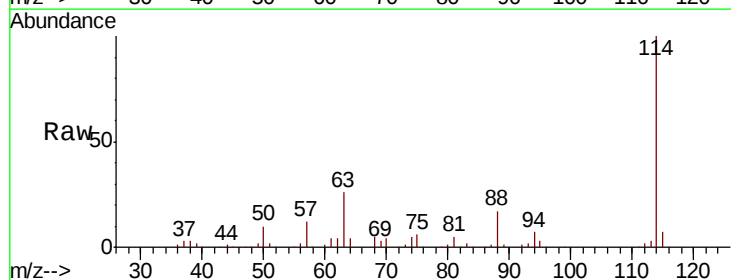
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

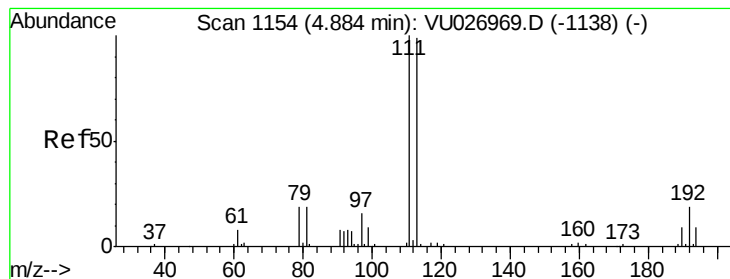
Tgt Ion: 65 Resp: 84421
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027121.D
 Acq: 24 Sep 2018 20:00

Tgt Ion: 114 Resp: 137011
 Ion Ratio Lower Upper
 114 100
 63 25.9 0.0 49.2
 88 17.4 0.0 33.8





#35

Dibromofluoromethane

Concen: 50.617 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. -0.00 min

Lab File: VU027121.D

Acq: 24 Sep 2018 20:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

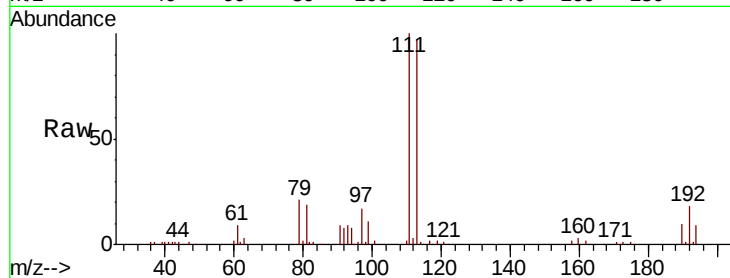
Tgt Ion: 113 Resp: 60114

Ion Ratio Lower Upper

113 100

111 101.0 82.2 123.4

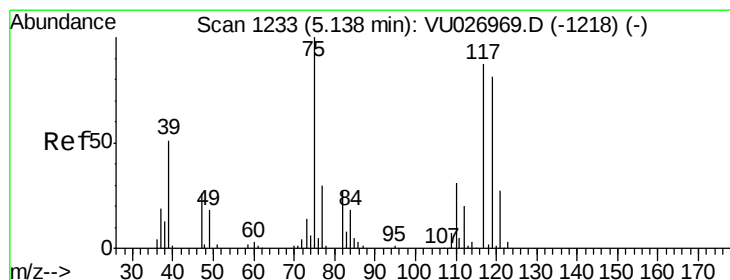
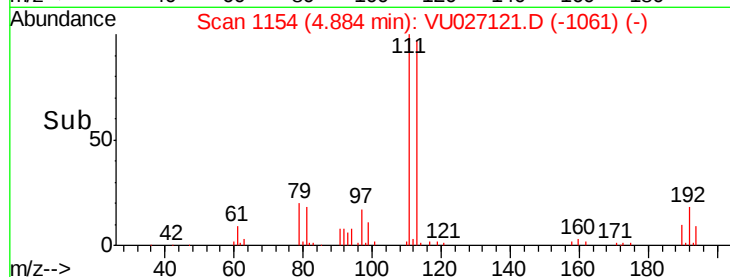
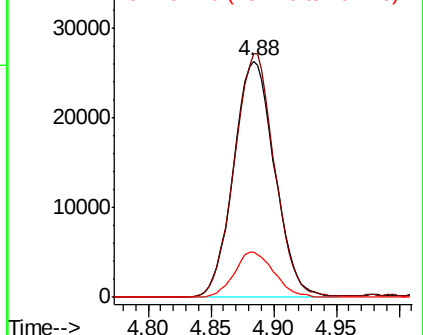
192 18.4 15.2 22.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.432 ug/l

RT: 5.14 min Scan# 1233

Delta R.T. -0.00 min

Lab File: VU027121.D

Acq: 24 Sep 2018 20:00

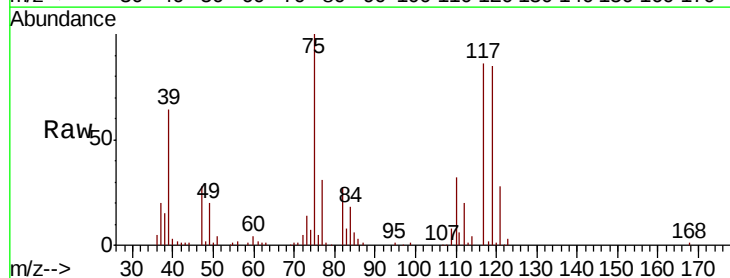
Tgt Ion: 75 Resp: 92219

Ion Ratio Lower Upper

75 100

110 31.3 16.1 48.2

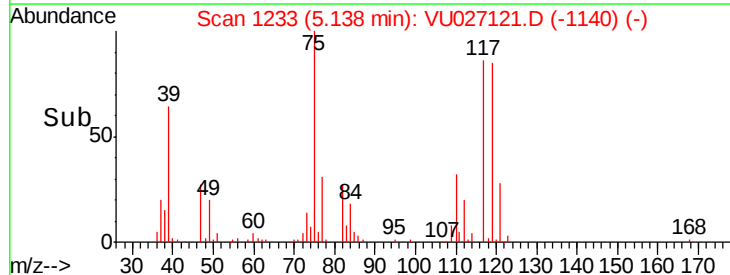
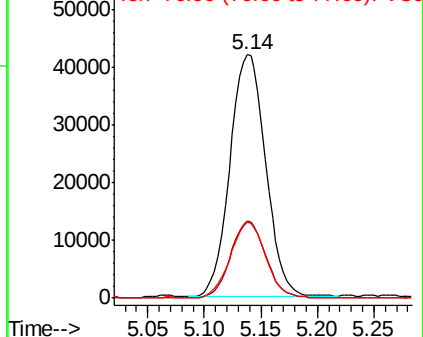
77 31.3 24.6 36.8

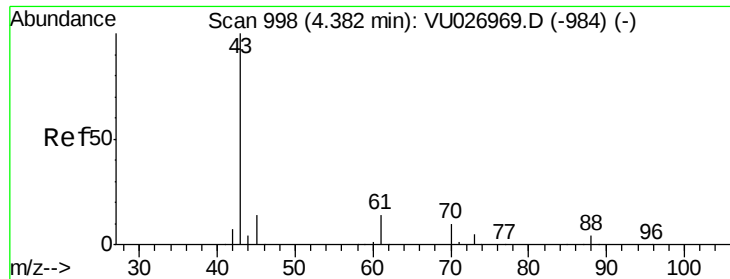


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0





#37

Ethyl Acetate

Concen: 53.051 ug/l

RT: 4.38 min Scan# 997

Delta R.T. -0.00 min

Lab File: VU027121.D

Acq: 24 Sep 2018 20:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

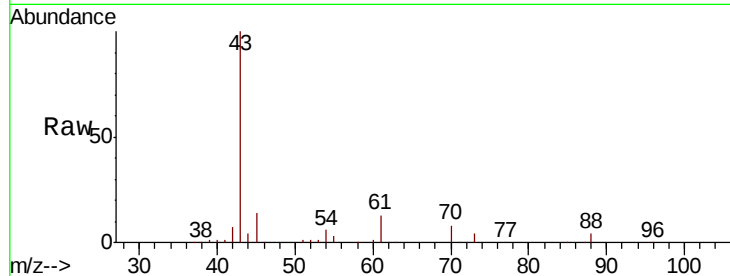
Tgt Ion: 43 Resp: 131322

Ion Ratio Lower Upper

43 100

61 12.9 10.5 15.7

70 8.7 7.4 11.0



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

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

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

200000

150000

100000

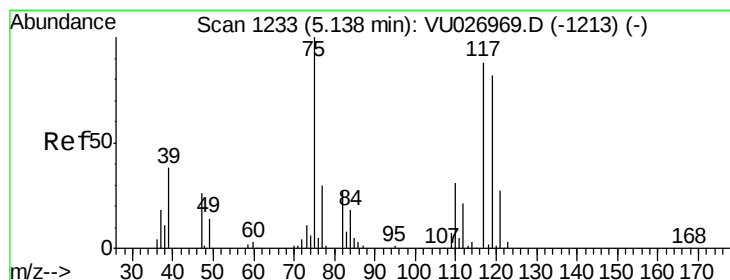
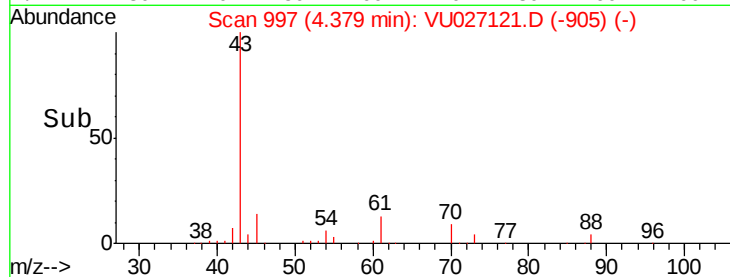
50000

0

4.38

4.30 4.40 4.50

Time-->



#38

Carbon Tetrachloride

Concen: 49.179 ug/l

RT: 5.14 min Scan# 1233

Delta R.T. -0.00 min

Lab File: VU027121.D

Acq: 24 Sep 2018 20:00

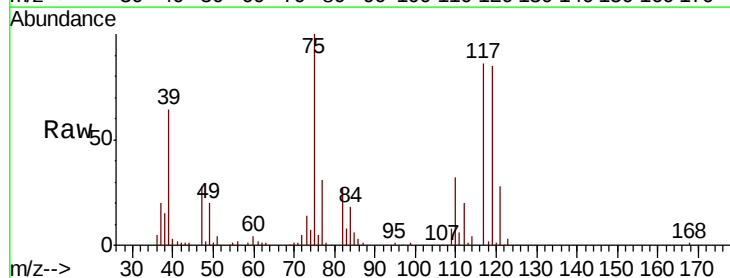
Tgt Ion: 117 Resp: 85578

Ion Ratio Lower Upper

117 100

119 98.1 74.4 111.6

121 31.9 24.2 36.4



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

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

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

50000

40000

30000

20000

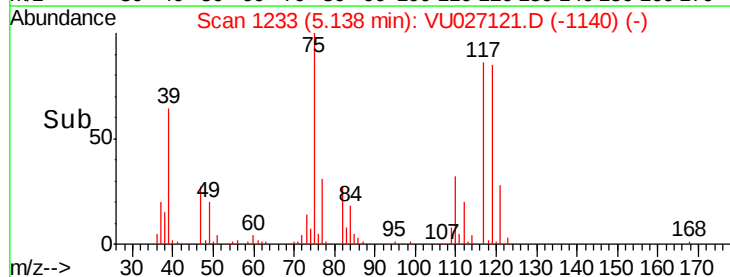
10000

0

5.14

5.05 5.10 5.15 5.20

Time-->

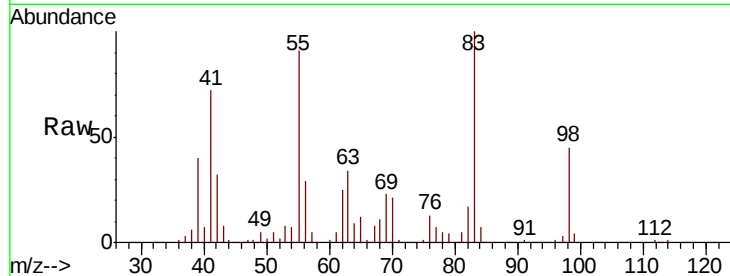




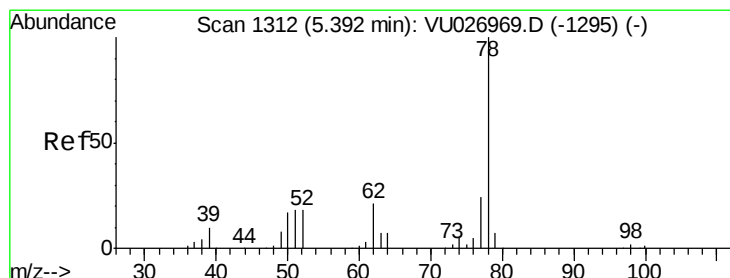
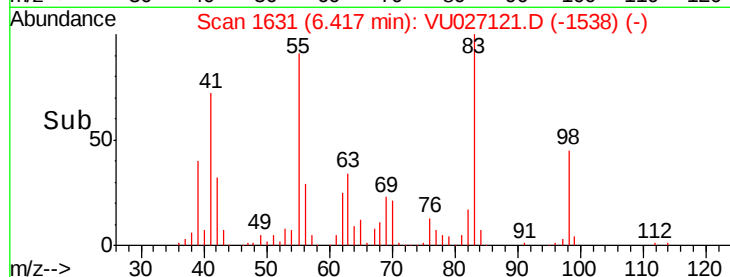
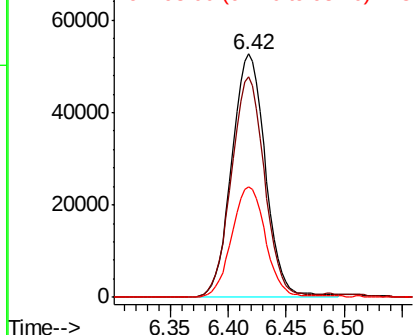
#39
Methylcyclohexane
Concen: 53.677 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VU027121.D
Acq: 24 Sep 2018 20:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 106664
Ion Ratio Lower Upper
83 100
55 90.6 69.9 104.9
98 45.4 37.5 56.3

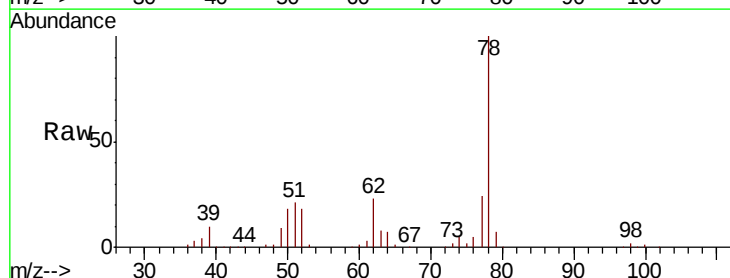


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

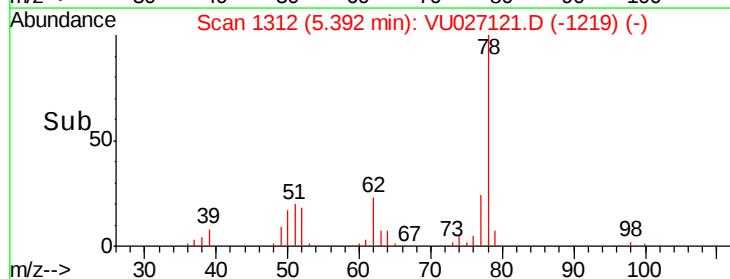
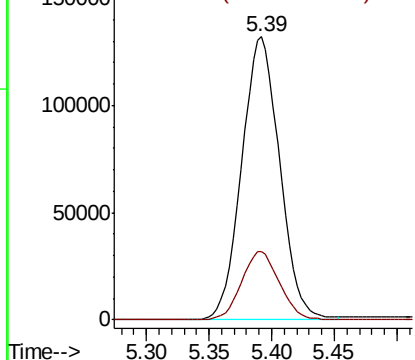


#40
Benzene
Concen: 50.087 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. -0.00 min
Lab File: VU027121.D
Acq: 24 Sep 2018 20:00

Tgt Ion: 78 Resp: 278422
Ion Ratio Lower Upper
78 100
77 24.3 19.4 29.0



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

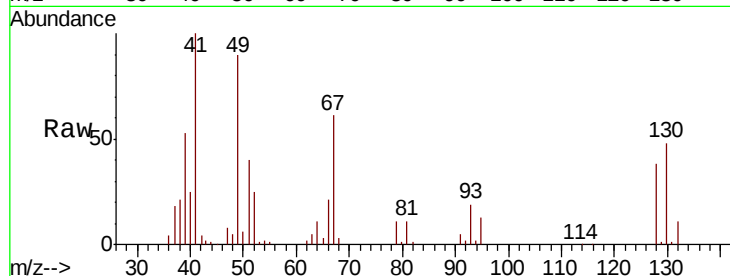




#41
Methacrylonitrile
Concen: 58.555 ug/l
RT: 4.54 min Scan# 1048
Delta R.T. -0.00 min
Lab File: VU027121.D
Acq: 24 Sep 2018 20:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	75277
Ion	Ratio	Lower	Upper
41	100		
39	52.3	42.9	64.3
67	62.9	52.4	78.6
52	25.9	21.3	31.9



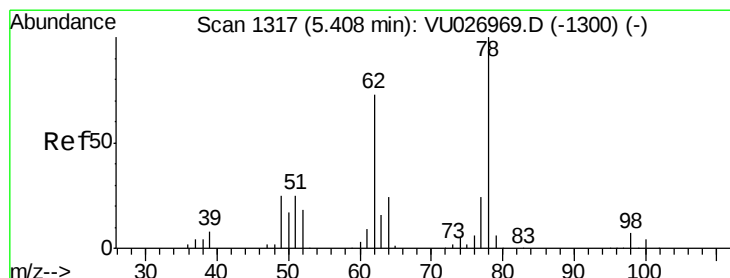
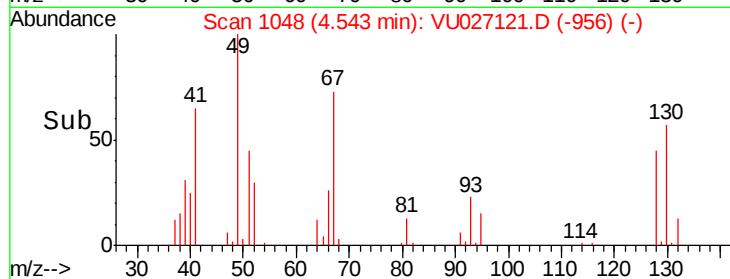
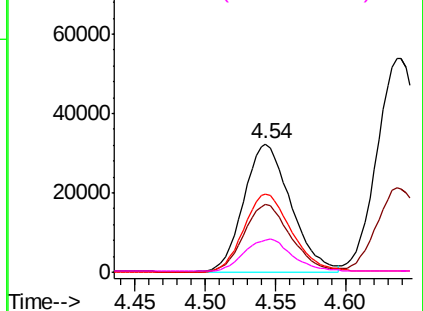
Abundance

Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

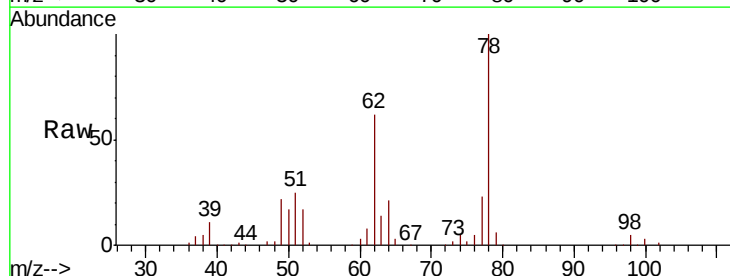
Ion 67.00 (66.70 to 67.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#42
1,2-Dichloroethane
Concen: 52.057 ug/l
RT: 5.40 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VU027121.D
Acq: 24 Sep 2018 20:00

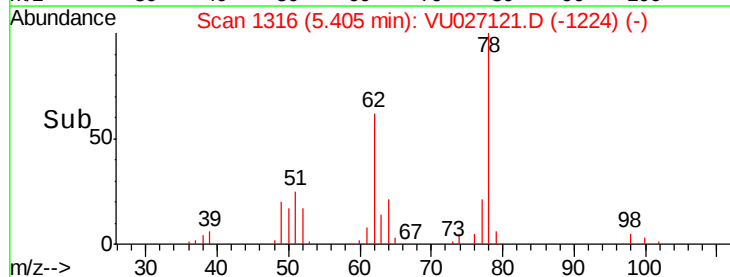
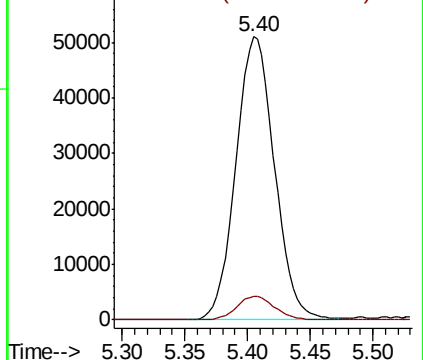
Tgt Ion:	62	Resp:	109330
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	17.0



Abundance

Ion 61.90 (61.60 to 62.60): VU0

Ion 97.90 (97.60 to 98.60): VU0





#43

Isopropyl Acetate

Concen: 56.113 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. -0.00 min

Lab File: VU027121.D

Acq: 24 Sep 2018 20:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

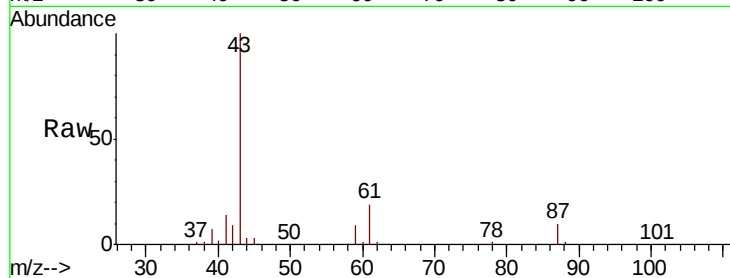
Tgt Ion: 43 Resp: 202573

Ion Ratio Lower Upper

43 100

61 19.2 15.7 23.5

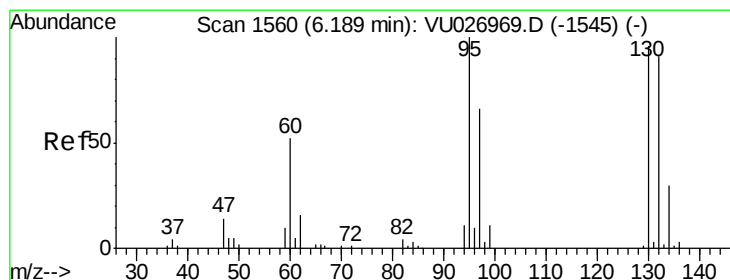
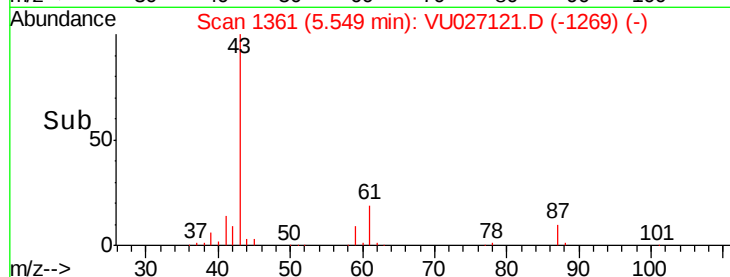
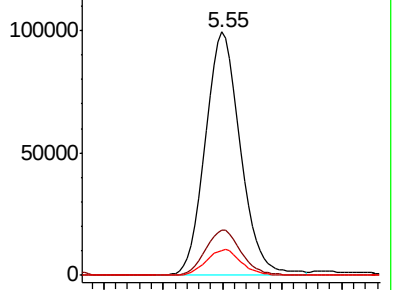
87 10.5 9.0 13.4



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

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

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



#44

Trichloroethene

Concen: 50.512 ug/l

RT: 6.19 min Scan# 1560

Delta R.T. -0.00 min

Lab File: VU027121.D

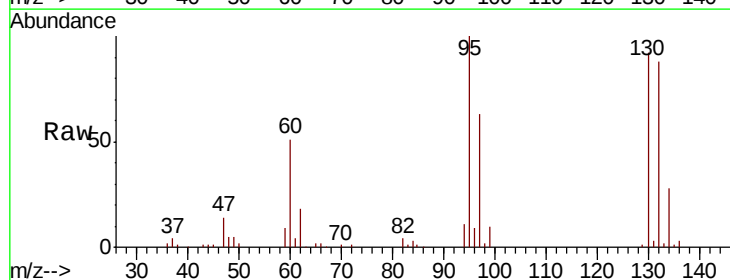
Acq: 24 Sep 2018 20:00

Tgt Ion: 130 Resp: 59777

Ion Ratio Lower Upper

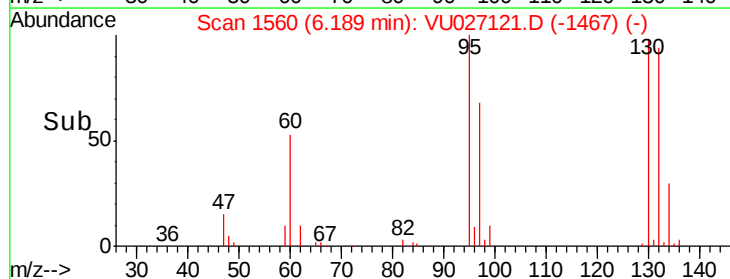
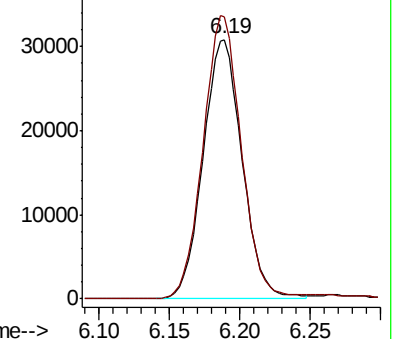
130 100

95 109.1 0.0 208.8



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

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

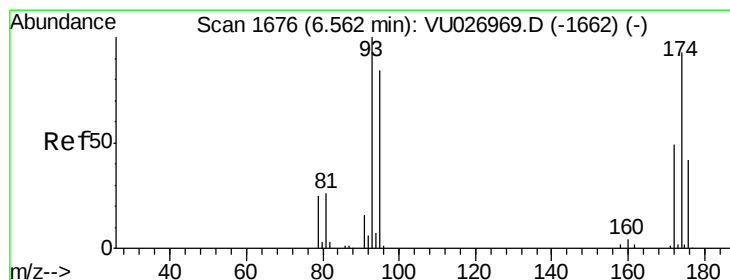
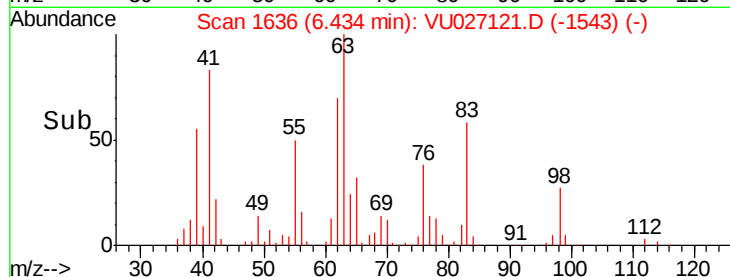
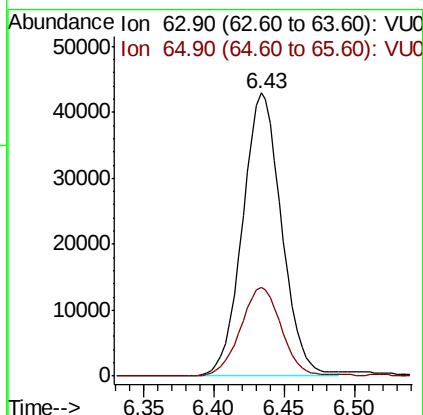
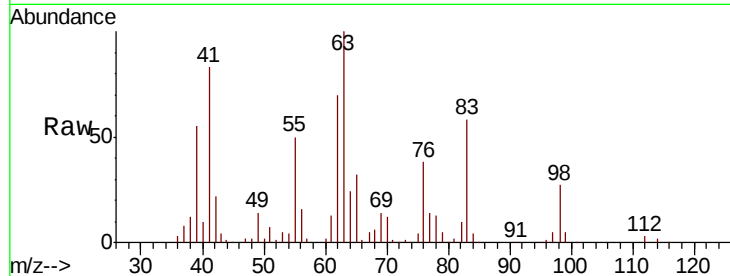




#45
 1,2-Dichloropropane
 Concen: 52.512 ug/l
 RT: 6.43 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: VU027121.D
 Acq: 24 Sep 2018 20:00

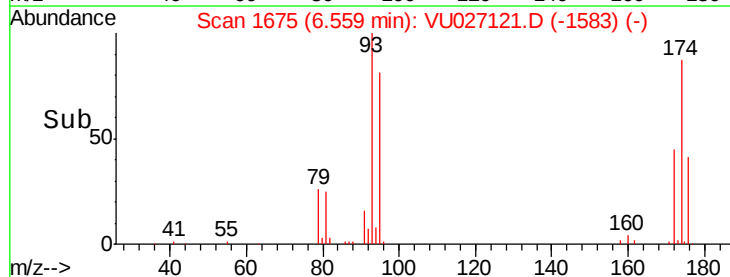
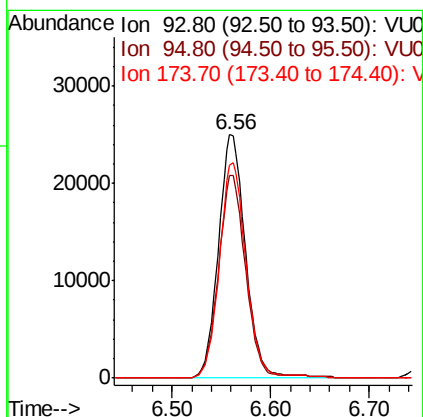
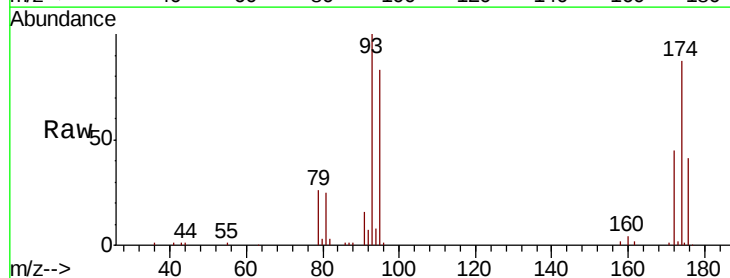
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

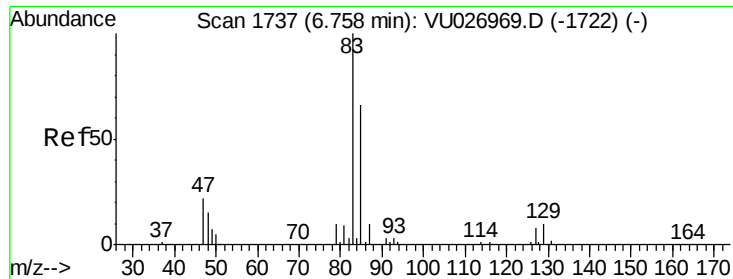
Tgt Ion: 63 Resp: 83173
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.3 36.5



#46
 Dibromomethane
 Concen: 50.266 ug/l
 RT: 6.56 min Scan# 1675
 Delta R.T. -0.00 min
 Lab File: VU027121.D
 Acq: 24 Sep 2018 20:00

Tgt Ion: 93 Resp: 48084
 Ion Ratio Lower Upper
 93 100
 95 82.3 66.2 99.4
 174 87.8 71.7 107.5

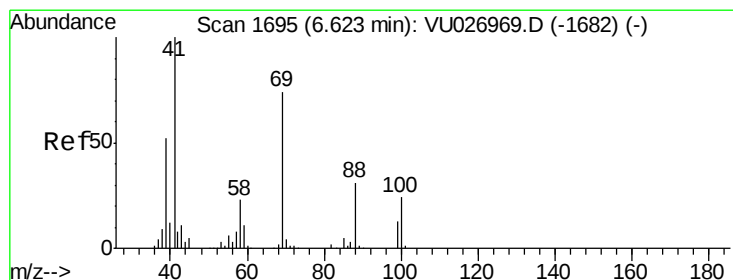
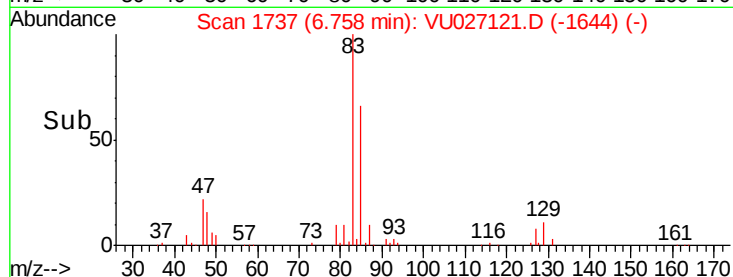
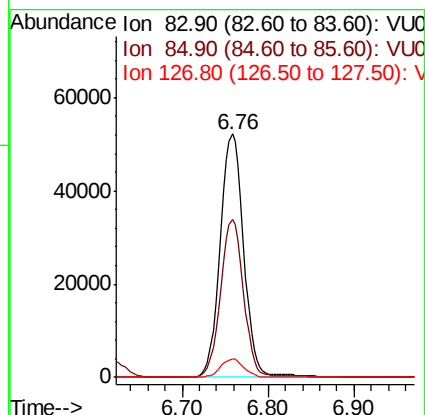
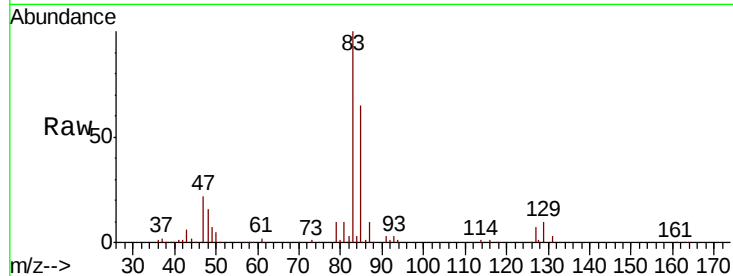




#47
 Bromodichloromethane
 Concen: 51.590 ug/l
 RT: 6.76 min Scan# 1737
 Delta R.T. -0.00 min
 Lab File: VU027121.D
 Acq: 24 Sep 2018 20:00

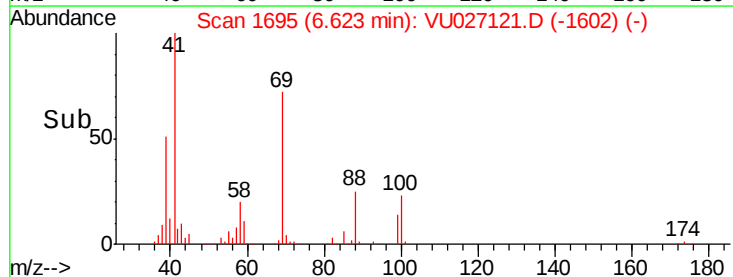
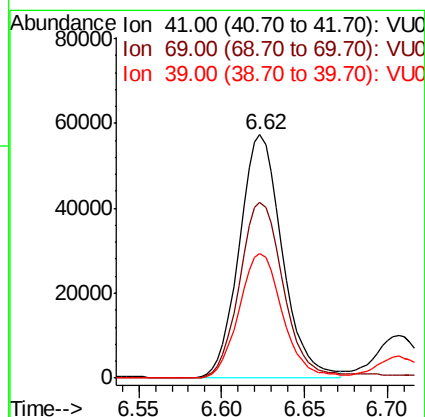
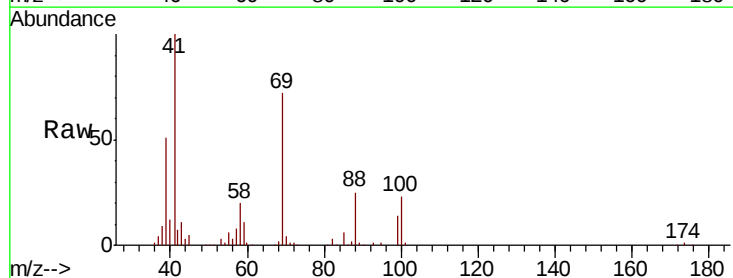
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 83 Resp: 99790
 Ion Ratio Lower Upper
 83 100
 85 64.9 52.5 78.7
 127 7.4 6.3 9.5



#48
 Methyl methacrylate
 Concen: 52.699 ug/l
 RT: 6.62 min Scan# 1695
 Delta R.T. 0.00 min
 Lab File: VU027121.D
 Acq: 24 Sep 2018 20:00

Tgt Ion: 41 Resp: 103656
 Ion Ratio Lower Upper
 41 100
 69 73.7 60.6 90.8
 39 51.9 42.8 64.2

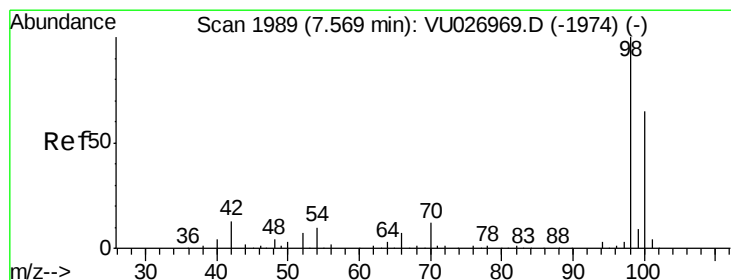
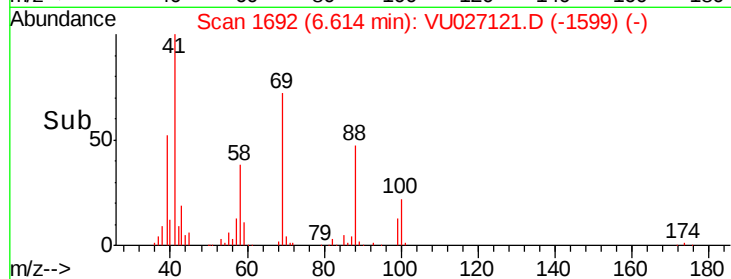
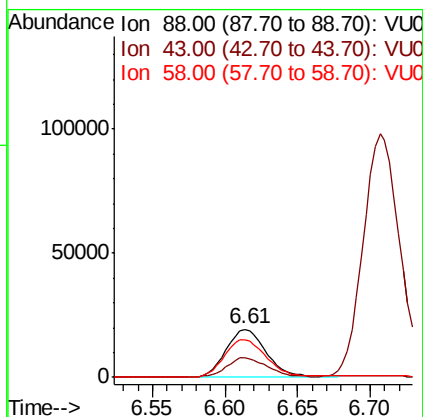
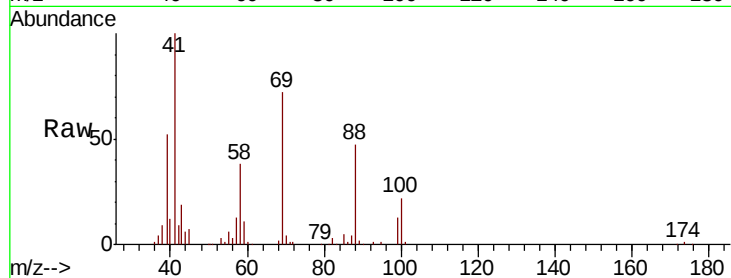




#49
1,4-Dioxane
Concen: 947.968 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VU027121.D
Acq: 24 Sep 2018 20:00

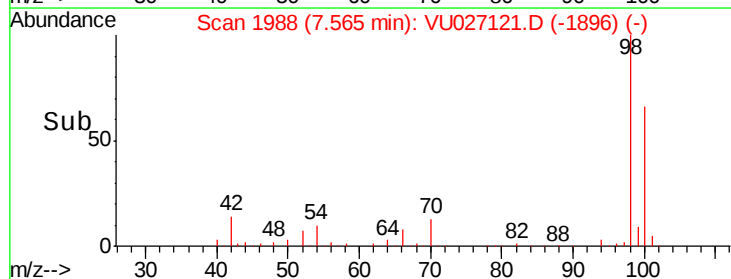
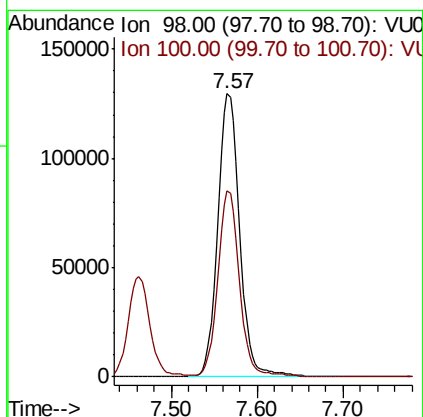
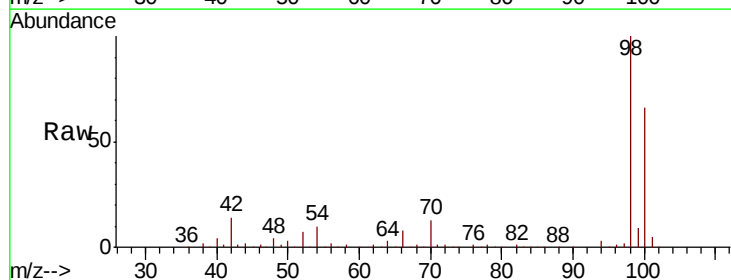
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 36995
Ion Ratio Lower Upper
88 100
43 40.9 29.8 44.8
58 84.0 63.9 95.9



#50
Toluene-d8
Concen: 50.986 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027121.D
Acq: 24 Sep 2018 20:00

Tgt Ion: 98 Resp: 230764
Ion Ratio Lower Upper
98 100
100 65.0 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 287.011 ug/l

RT: 7.46 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VU027121.D

Acq: 24 Sep 2018 20:00

Instrument :

MSVOA_U

ClientSampleId :

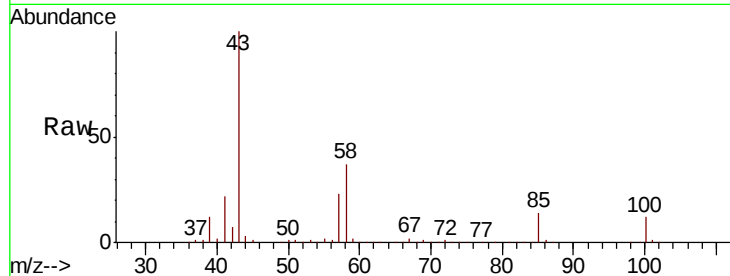
VSTDCCC050EC

Tgt Ion: 43 Resp: 696859

Ion Ratio Lower Upper

43 100

58 36.7 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-1939) (-)

Ion 58.00 (57.70 to 58.70): VU026969.D (-1939) (-)

7.46

400000

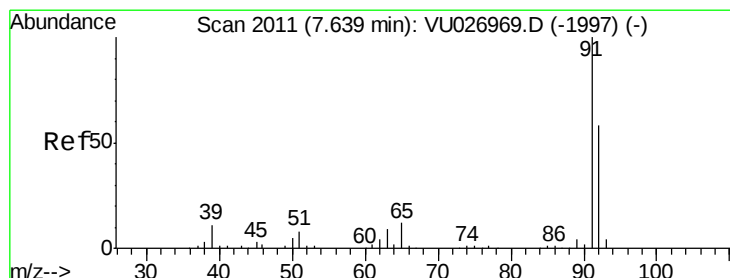
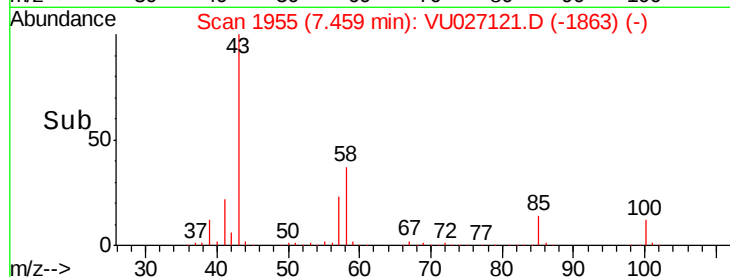
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 52.881 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. -0.00 min

Lab File: VU027121.D

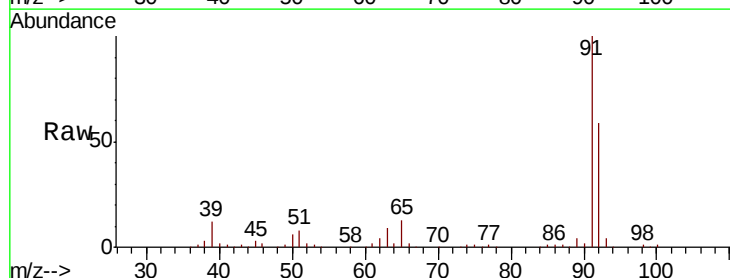
Acq: 24 Sep 2018 20:00

Tgt Ion: 92 Resp: 168497

Ion Ratio Lower Upper

92 100

91 172.5 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VU026969.D (-1997) (-)

Ion 91.00 (90.70 to 91.70): VU026969.D (-1997) (-)

7.64

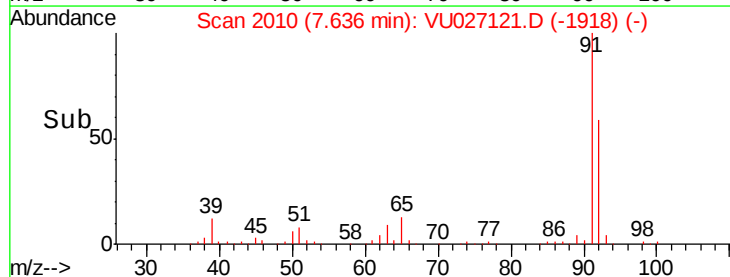
150000

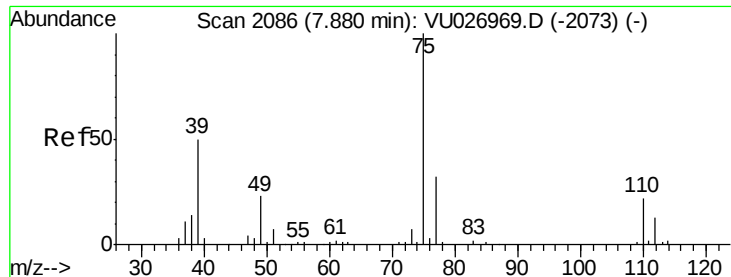
100000

50000

0

Time-->

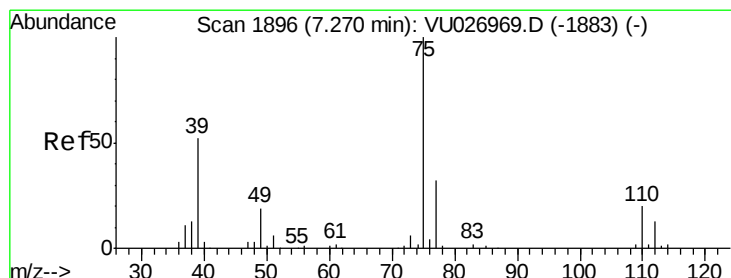
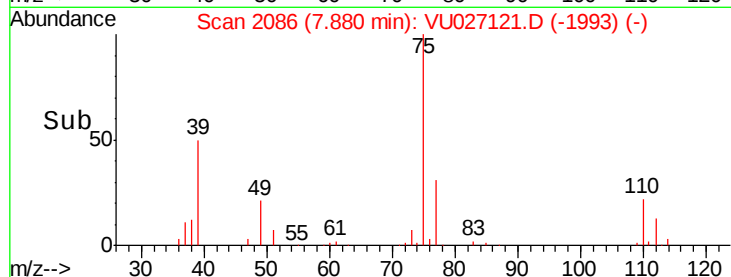
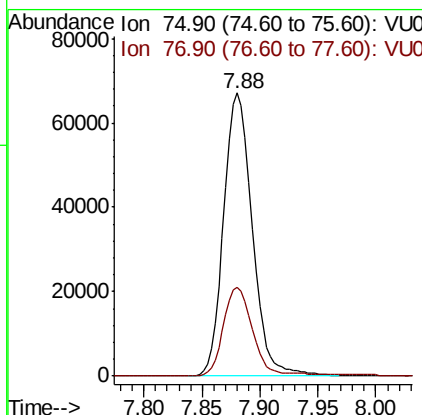
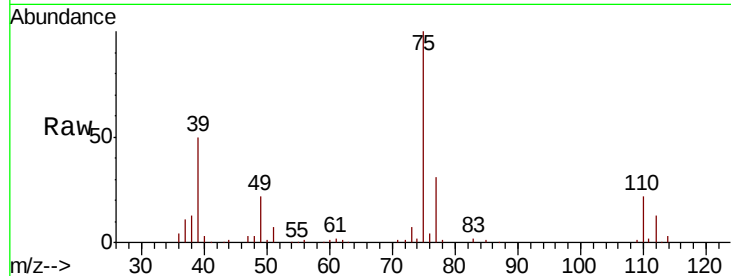




#53
t-1,3-Dichloropropene
Concen: 55.252 ug/l
RT: 7.88 min Scan# 2086
Delta R.T. -0.00 min
Lab File: VU027121.D
Acq: 24 Sep 2018 20:00

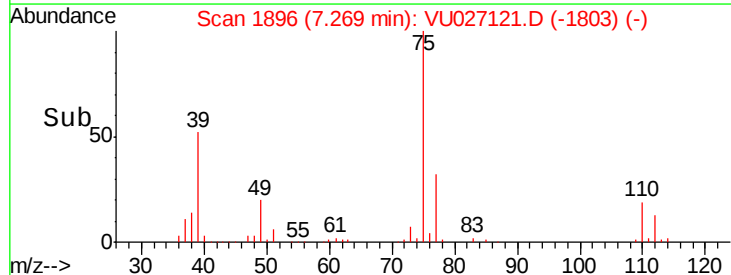
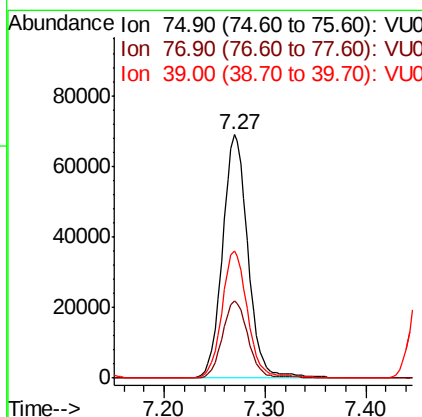
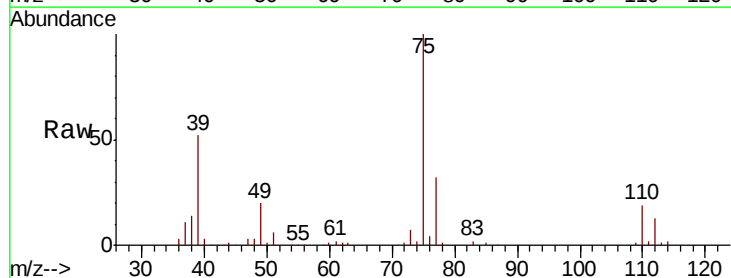
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 114825
Ion Ratio Lower Upper
75 100
77 31.4 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 53.225 ug/l
RT: 7.27 min Scan# 1896
Delta R.T. -0.00 min
Lab File: VU027121.D
Acq: 24 Sep 2018 20:00

Tgt Ion: 75 Resp: 121623
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.0
39 52.3 41.6 62.4

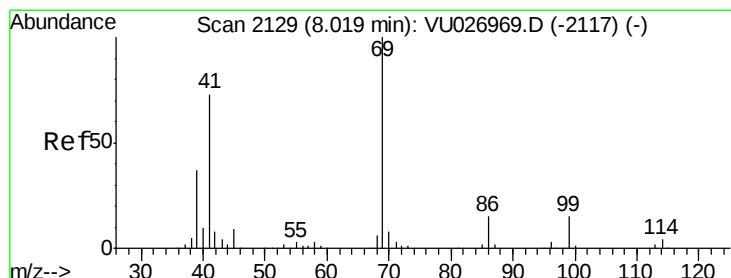
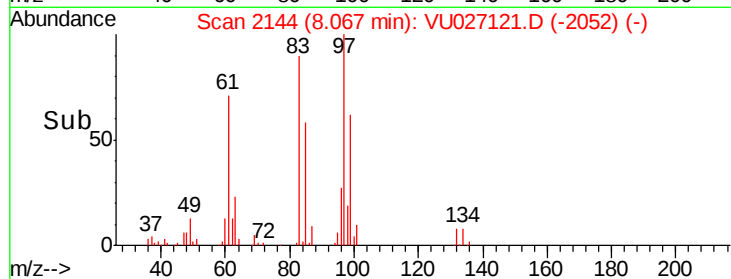
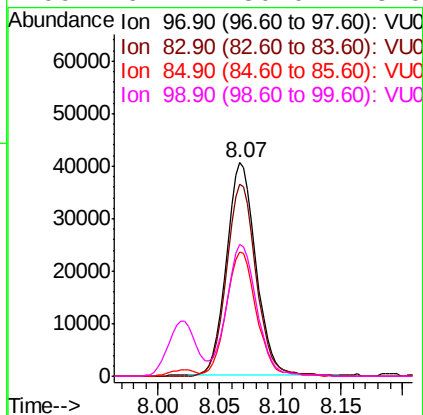
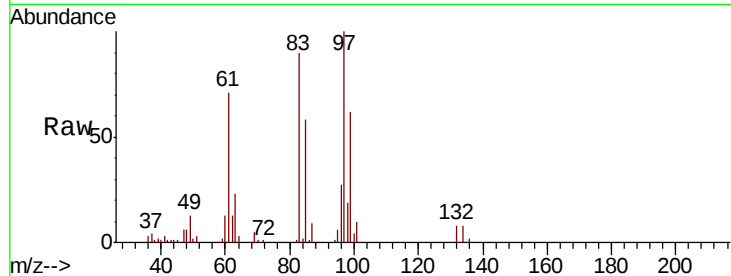




#55
 1,1,2-Trichloroethane
 Concen: 50.849 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VU027121.D
 Acq: 24 Sep 2018 20:00

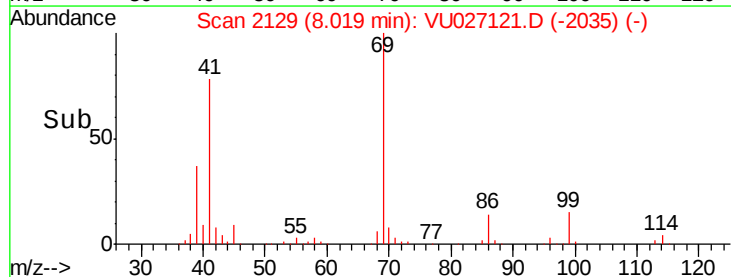
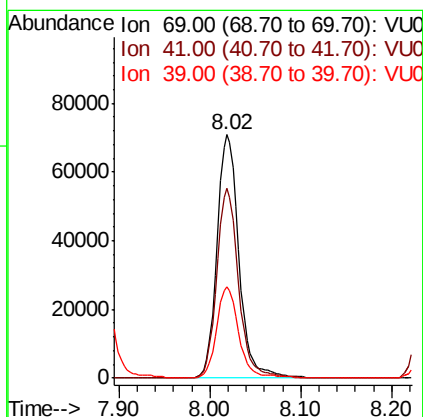
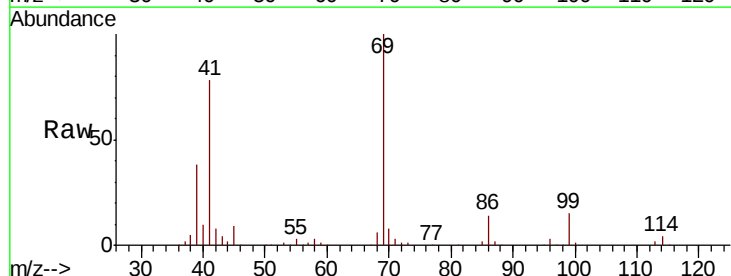
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

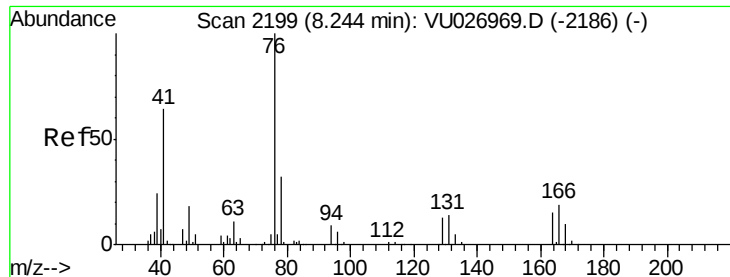
Tgt Ion: 97 Resp: 68653
 Ion Ratio Lower Upper
 97 100
 83 90.2 73.1 109.7
 85 58.2 46.7 70.1
 99 62.2 50.0 75.0



#56
 Ethyl methacrylate
 Concen: 50.685 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU027121.D
 Acq: 24 Sep 2018 20:00

Tgt Ion: 69 Resp: 118808
 Ion Ratio Lower Upper
 69 100
 41 78.2 59.0 88.4
 39 38.2 30.2 45.4

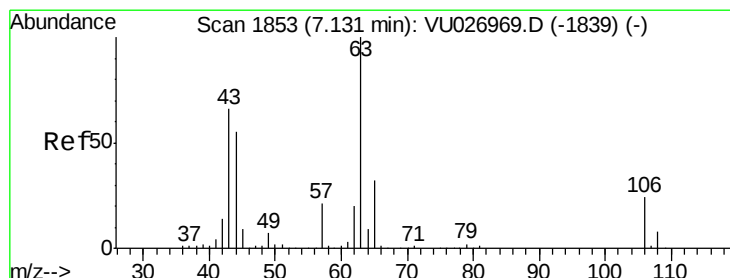
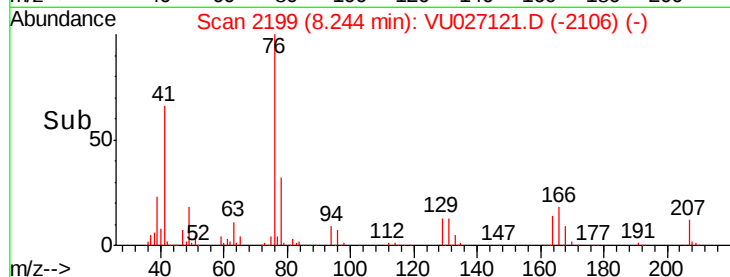
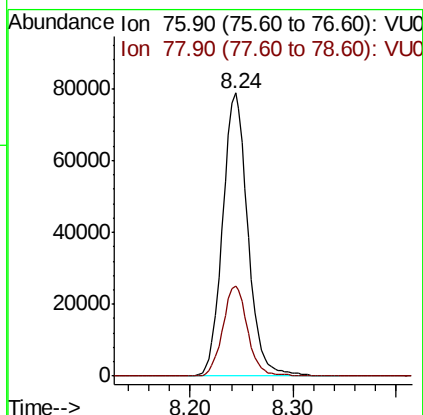
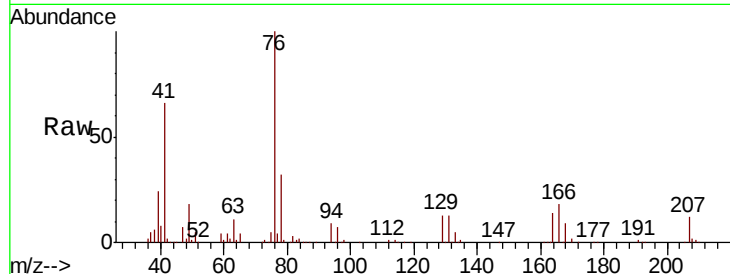




#57
 1,3-Dichloropropane
 Concen: 53.414 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: VU027121.D
 Acq: 24 Sep 2018 20:00

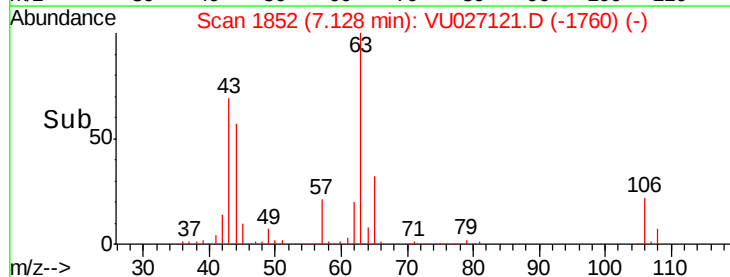
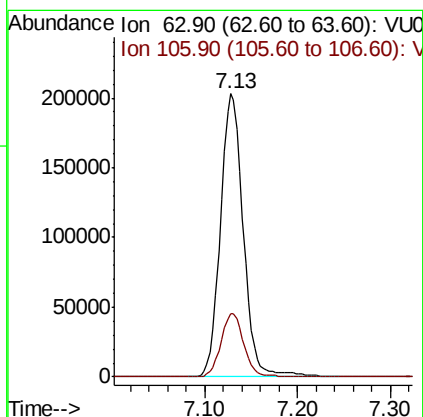
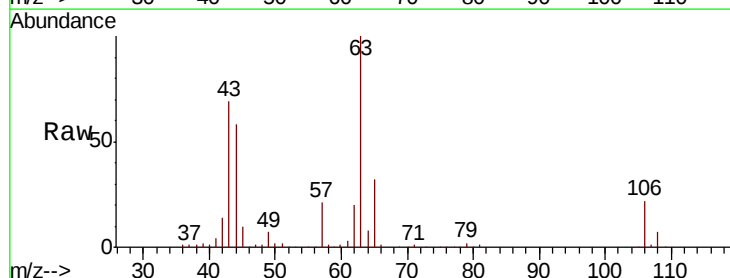
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 76 Resp: 134128
 Ion Ratio Lower Upper
 76 100
 78 31.4 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 261.202 ug/l
 RT: 7.13 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VU027121.D
 Acq: 24 Sep 2018 20:00

Tgt Ion: 63 Resp: 347555
 Ion Ratio Lower Upper
 63 100
 106 22.6 18.7 28.1

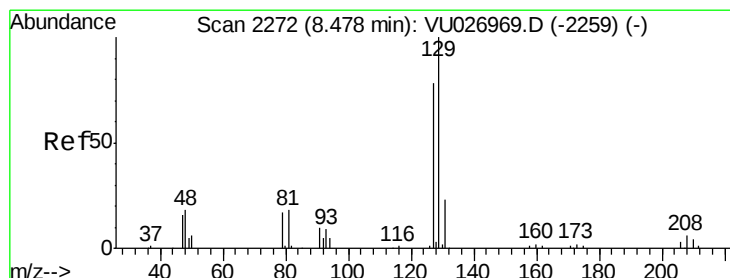
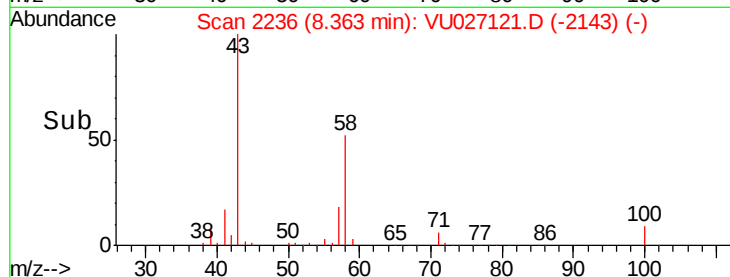
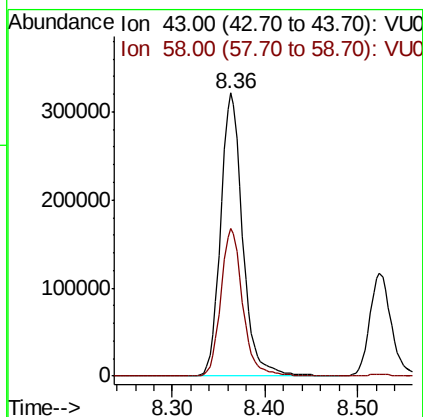
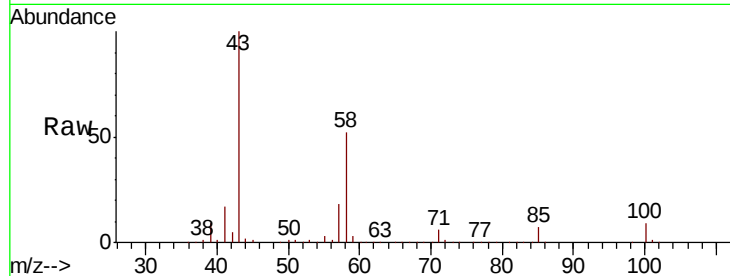




#59
2-Hexanone
Concen: 277.570 ug/l
RT: 8.36 min Scan# 2236
Delta R.T. -0.00 min
Lab File: VU027121.D
Acq: 24 Sep 2018 20:00

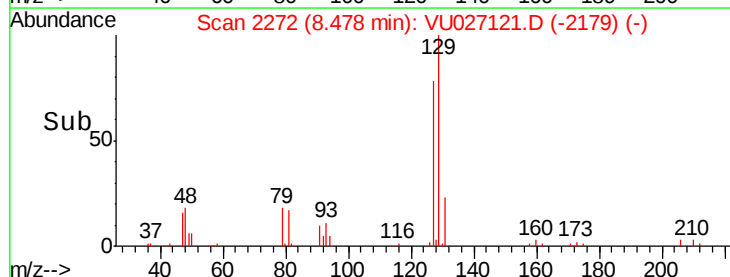
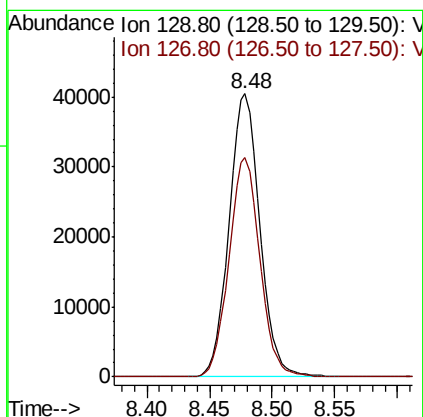
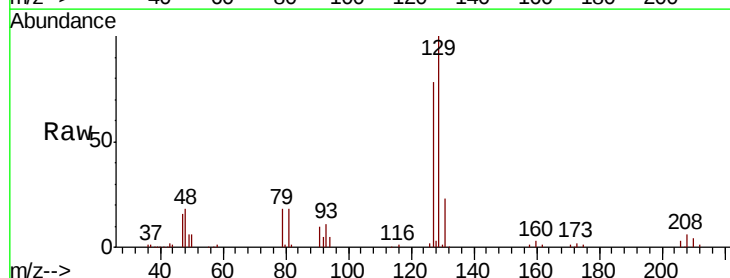
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

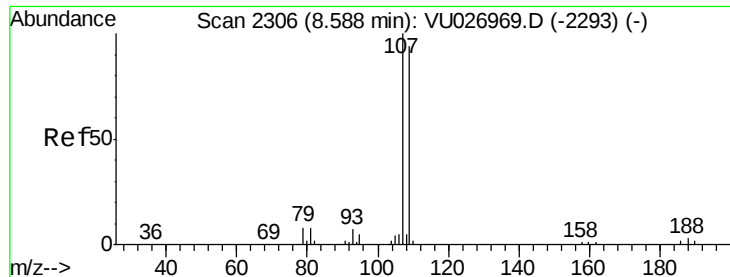
Tgt Ion: 43 Resp: 527544
Ion Ratio Lower Upper
43 100
58 52.0 26.1 78.2



#60
Dibromochloromethane
Concen: 52.051 ug/l
RT: 8.48 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VU027121.D
Acq: 24 Sep 2018 20:00

Tgt Ion: 129 Resp: 68932
Ion Ratio Lower Upper
129 100
127 77.6 38.1 114.5





#61

1,2-Dibromoethane

Concen: 51.305 ug/l

RT: 8.59 min Scan# 2306

Delta R.T. -0.00 min

Lab File: VU027121.D

Acq: 24 Sep 2018 20:00

Instrument :

MSVOA_U

ClientSampleId :

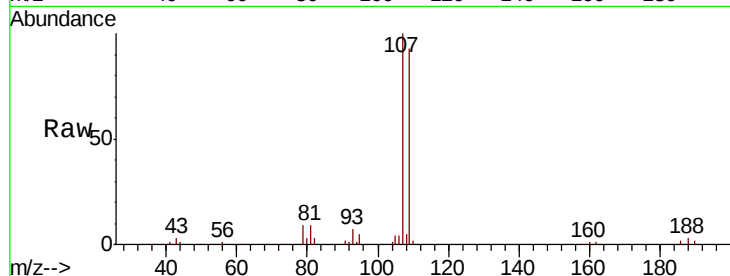
VSTDCCC050EC

Tgt Ion: 107 Resp: 72071

Ion Ratio Lower Upper

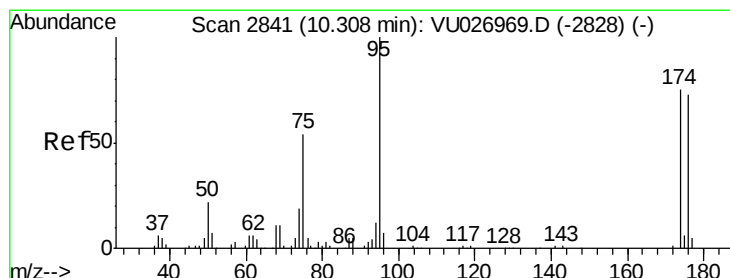
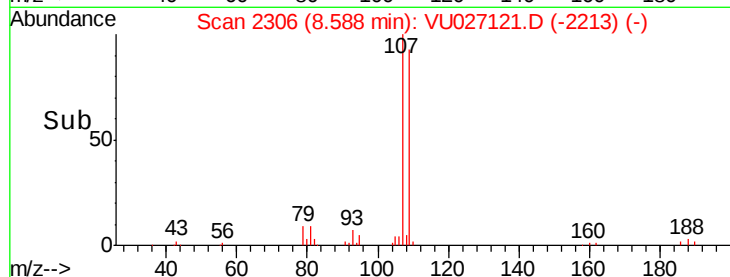
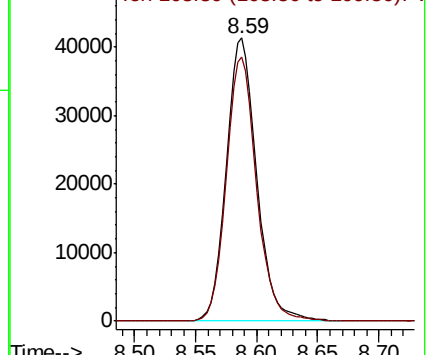
107 100

109 93.2 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: 53.738 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VU027121.D

Acq: 24 Sep 2018 20:00

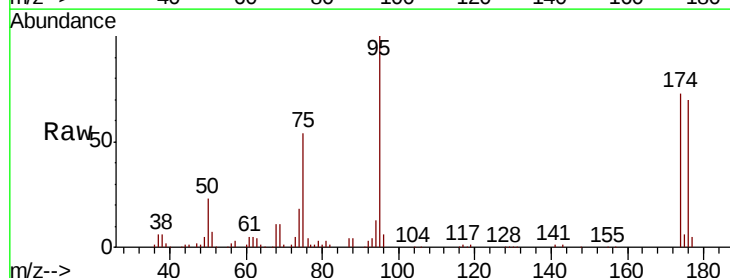
Tgt Ion: 95 Resp: 83456

Ion Ratio Lower Upper

95 100

174 72.4 0.0 150.2

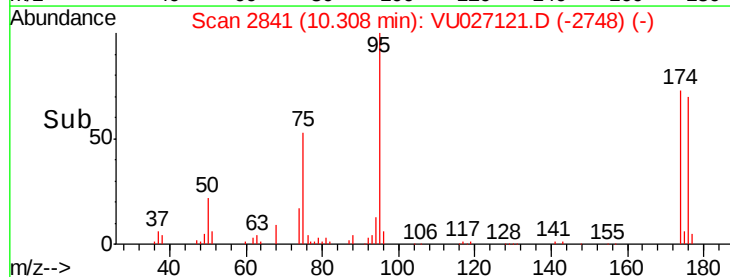
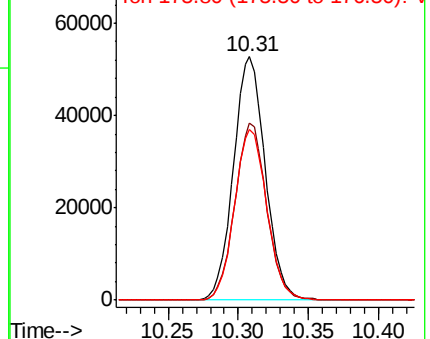
176 71.0 0.0 145.2

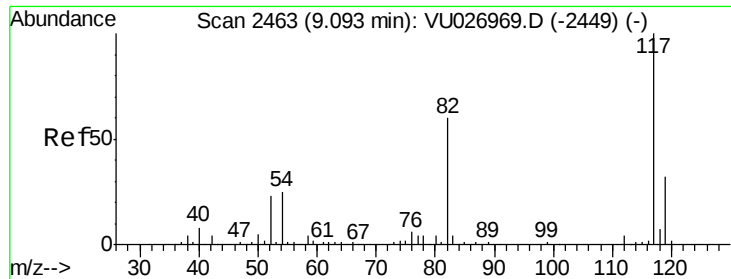


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

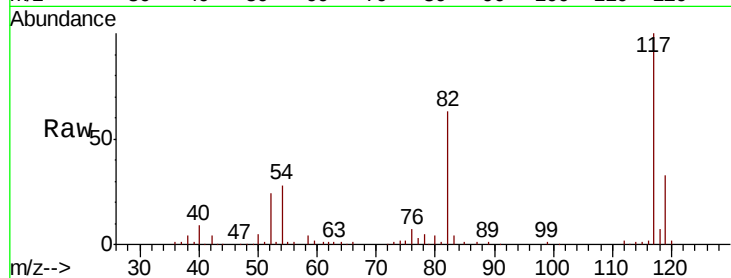




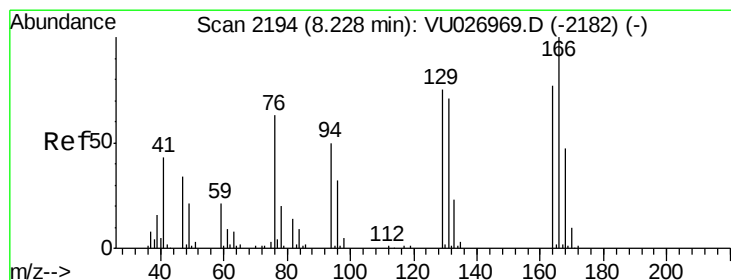
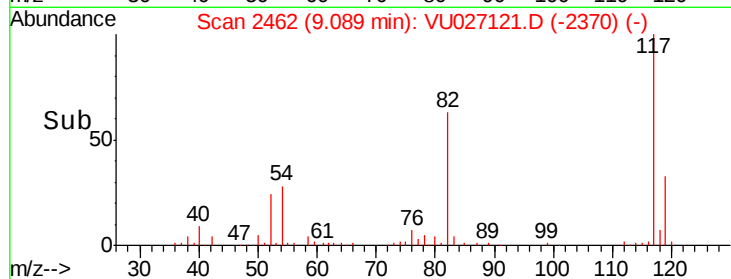
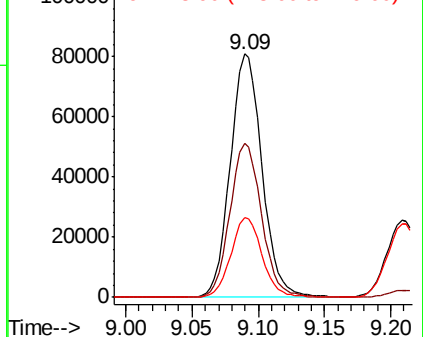
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027121.D
Acq: 24 Sep 2018 20:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 134787
Ion Ratio Lower Upper
117 100
82 63.2 48.0 72.0
119 32.7 25.8 38.8



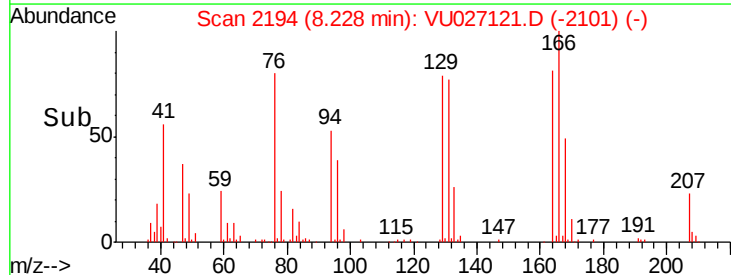
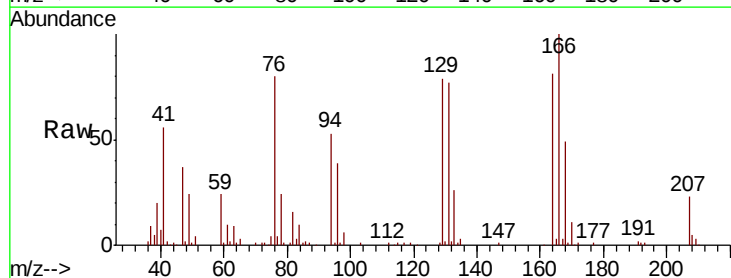
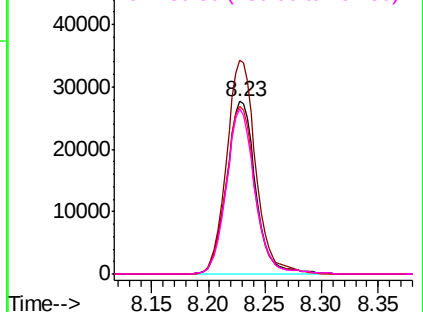
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 47.726 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. -0.00 min
Lab File: VU027121.D
Acq: 24 Sep 2018 20:00

Tgt Ion:164 Resp: 49570
Ion Ratio Lower Upper
164 100
166 124.0 104.4 156.6
129 97.7 78.7 118.1
131 95.7 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

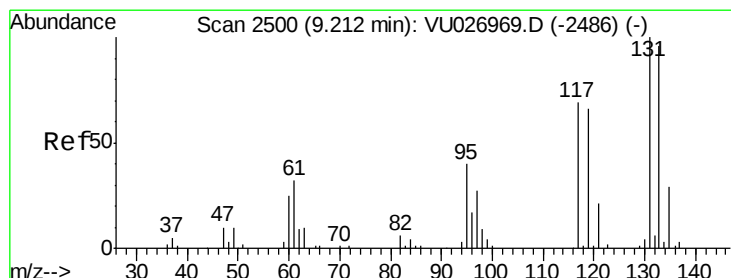
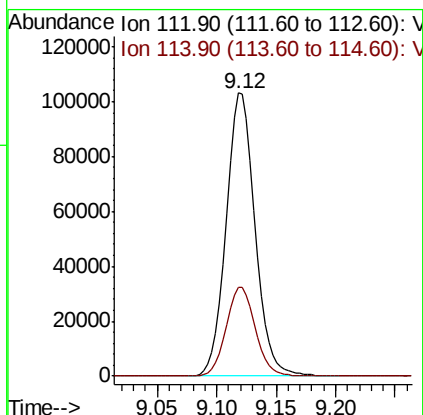
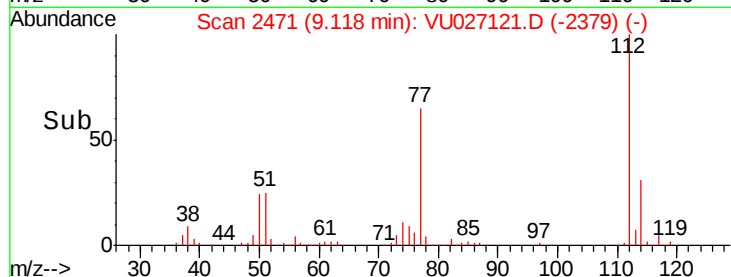
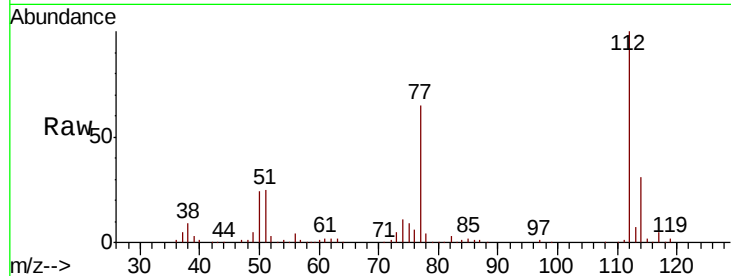




#65
Chlorobenzene
Concen: 48.621 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU027121.D
Acq: 24 Sep 2018 20:00

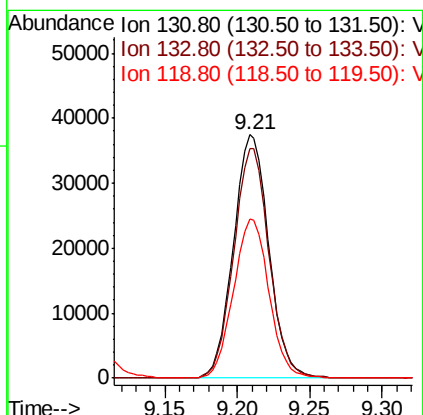
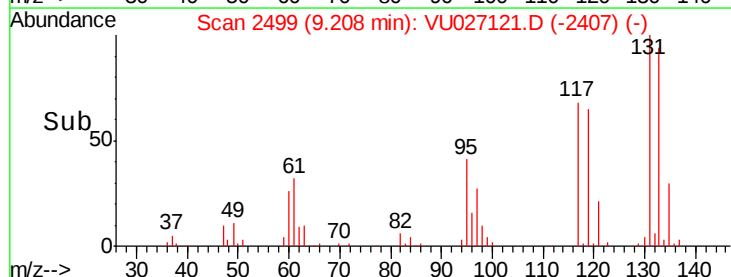
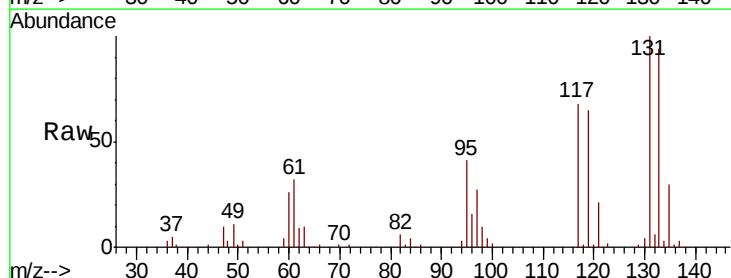
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

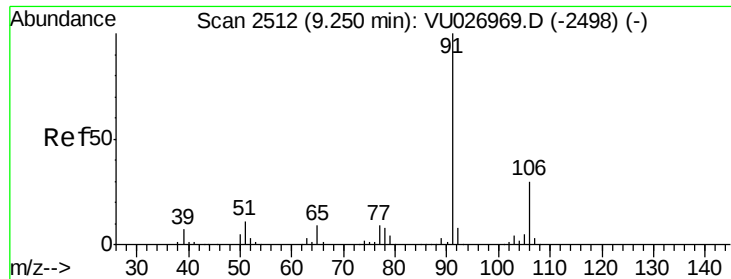
Tgt Ion:112 Resp: 173765
Ion Ratio Lower Upper
112 100
114 31.2 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.552 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VU027121.D
Acq: 24 Sep 2018 20:00

Tgt Ion:131 Resp: 63459
Ion Ratio Lower Upper
131 100
133 94.5 48.0 144.2
119 65.7 33.4 100.1

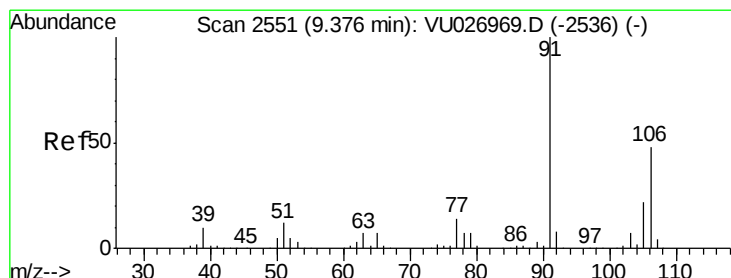
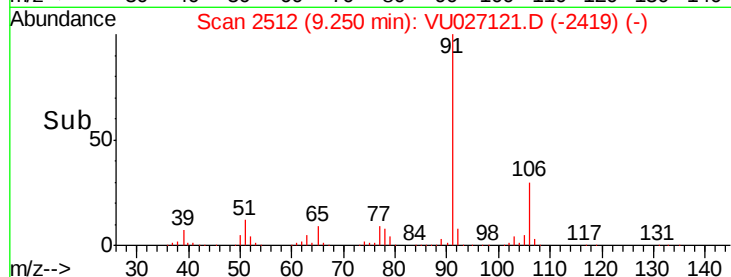
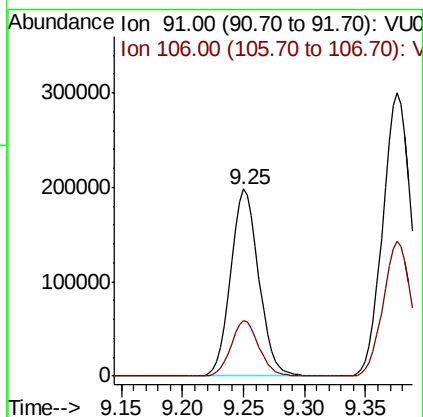
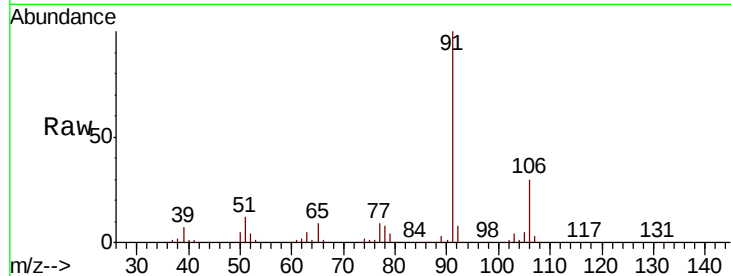




#67
Ethyl Benzene
Concen: 54.165 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. -0.00 min
Lab File: VU027121.D
Acq: 24 Sep 2018 20:00

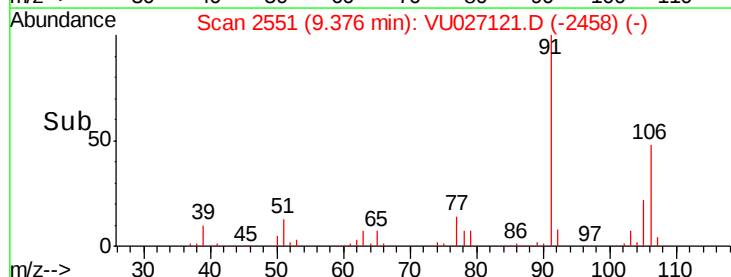
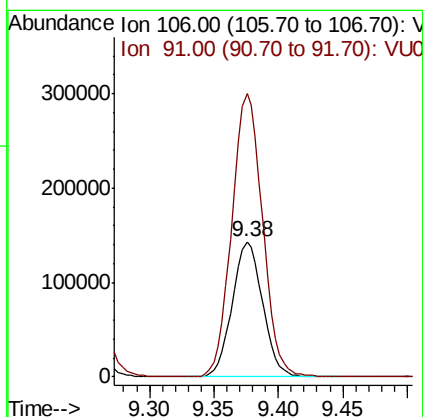
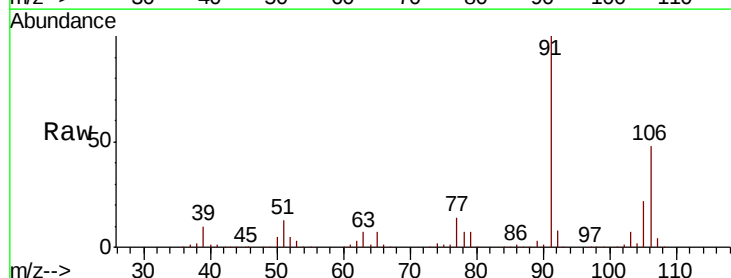
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 318323
Ion Ratio Lower Upper
91 100
106 29.8 23.8 35.8



#68
m/p-Xylenes
Concen: 98.716 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027121.D
Acq: 24 Sep 2018 20:00

Tgt Ion: 106 Resp: 234902
Ion Ratio Lower Upper
106 100
91 211.2 166.5 249.7

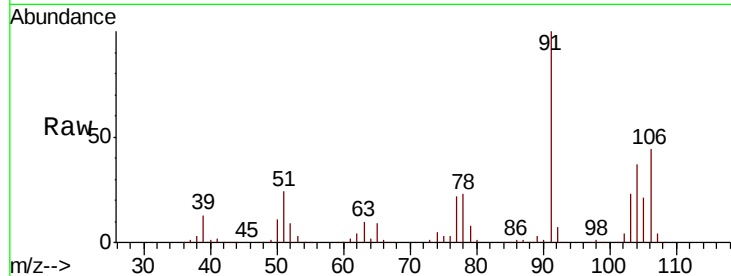




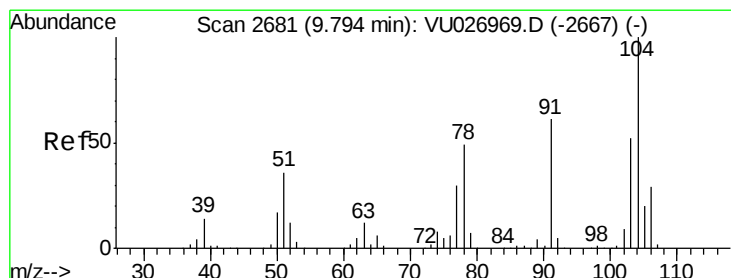
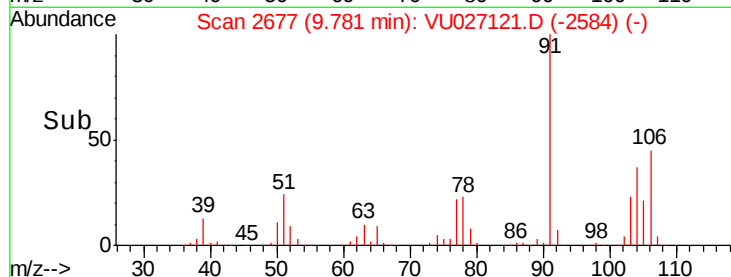
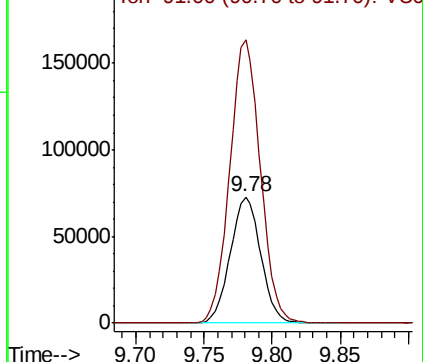
#69
o-Xylene
Concen: 54.352 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VU027121.D
Acq: 24 Sep 2018 20:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 113173
Ion Ratio Lower Upper
106 100
91 225.5 110.2 330.6

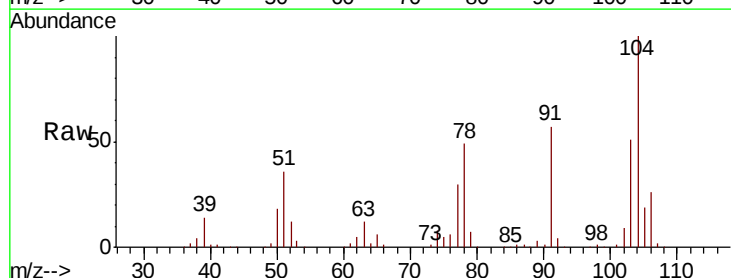


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

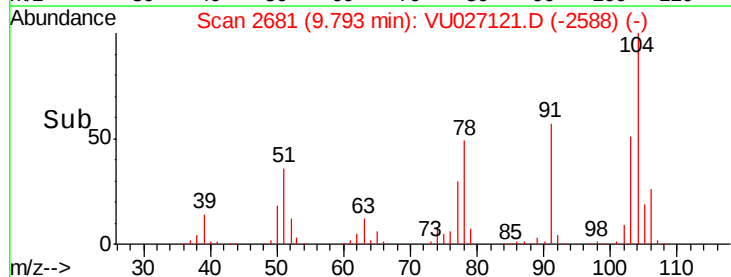
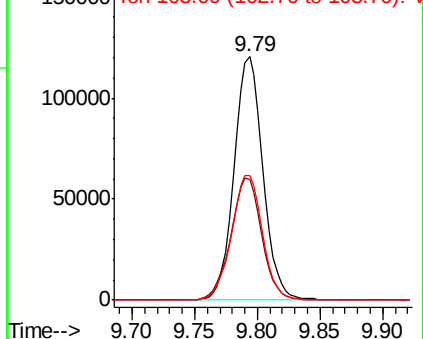


#70
Styrene
Concen: 49.517 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027121.D
Acq: 24 Sep 2018 20:00

Tgt Ion:104 Resp: 192445
Ion Ratio Lower Upper
104 100
78 53.9 43.0 64.4
103 55.1 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: 52.190 ug/l

RT: 9.96 min Scan# 2732

Delta R.T. -0.00 min

Lab File: VU027121.D

Acq: 24 Sep 2018 20:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

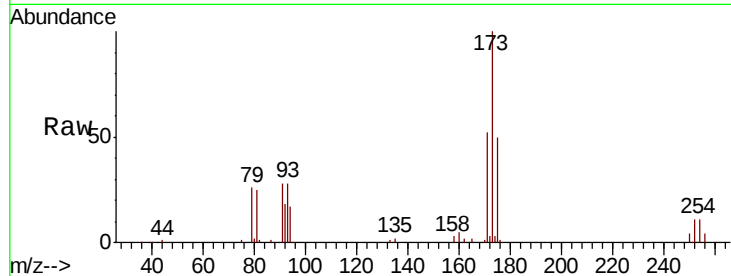
Tgt Ion:173 Resp: 49681

Ion Ratio Lower Upper

173 100

175 49.3 23.9 71.8

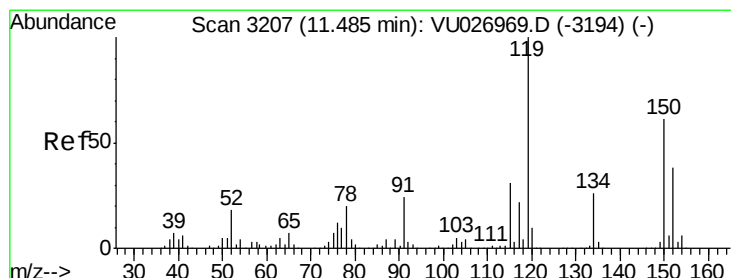
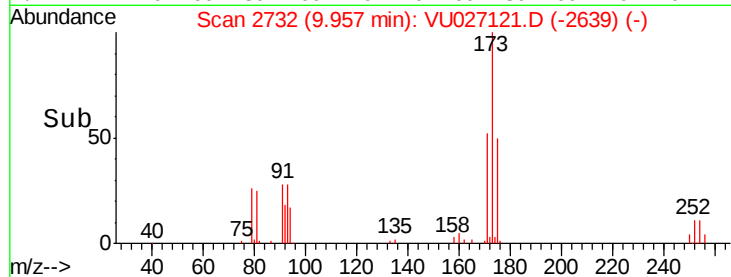
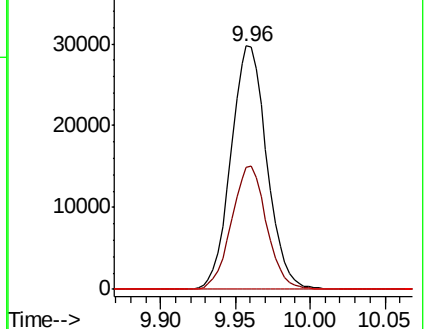
254 0.0 0.0 0.0



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: VU027121.D

Acq: 24 Sep 2018 20:00

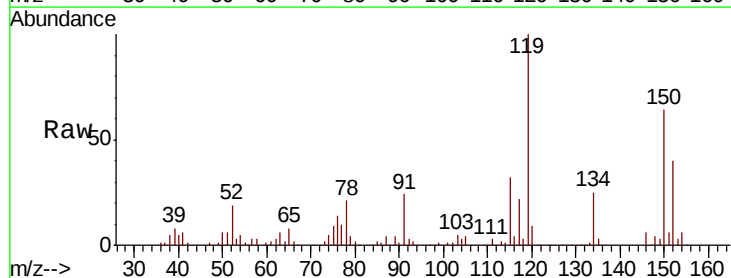
Tgt Ion:152 Resp: 73988

Ion Ratio Lower Upper

152 100

115 88.6 44.9 134.5

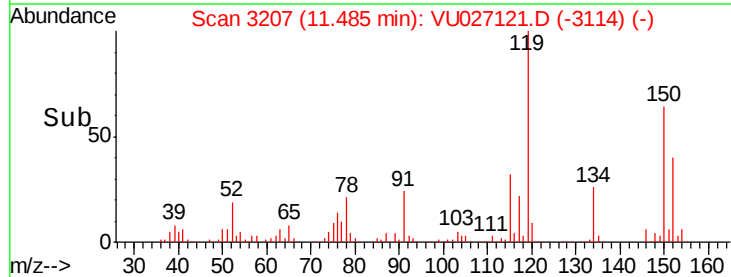
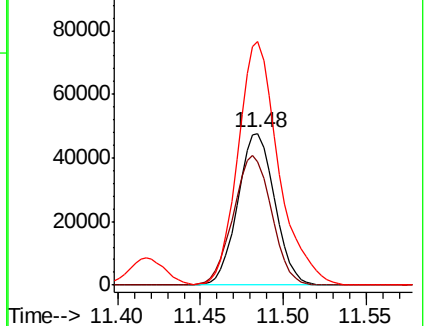
150 176.5 0.0 355.8

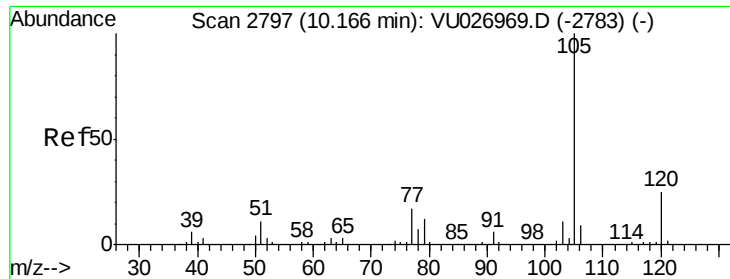


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 55.303 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. -0.00 min

Lab File: VU027121.D

Acq: 24 Sep 2018 20:00

Instrument :

MSVOA_U

ClientSampleId :

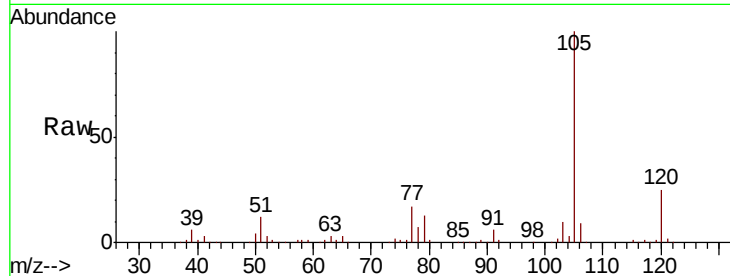
VSTDCCC050EC

Tgt Ion: 105 Resp: 311256

Ion Ratio Lower Upper

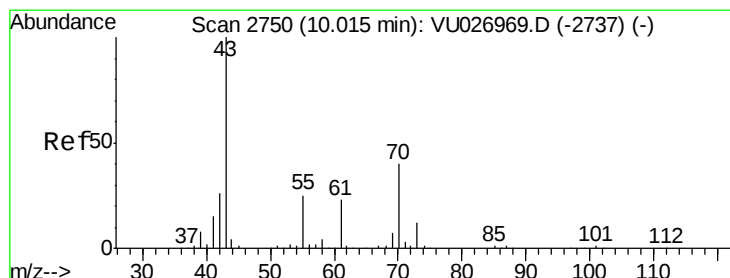
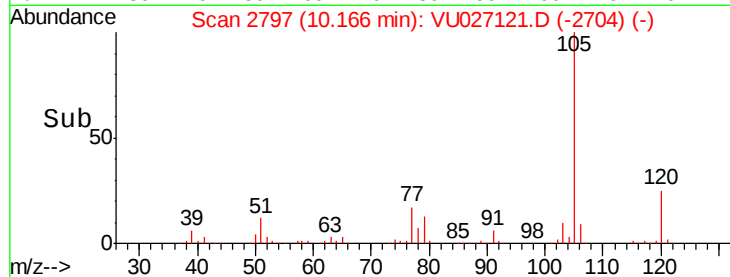
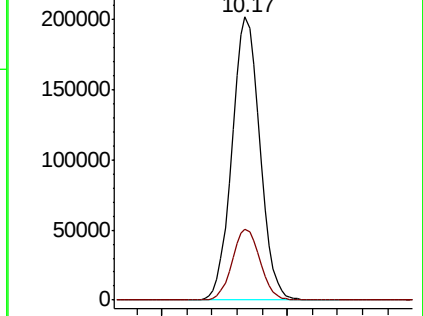
105 100

120 25.1 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: 58.247 ug/l

RT: 10.02 min Scan# 2750

Delta R.T. -0.00 min

Lab File: VU027121.D

Acq: 24 Sep 2018 20:00

Tgt Ion: 43 Resp: 189760

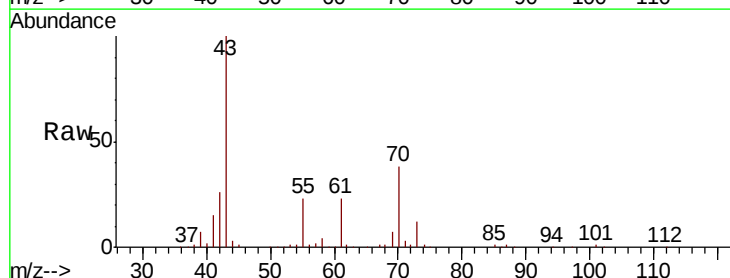
Ion Ratio Lower Upper

43 100

70 38.2 31.8 47.8

55 23.6 19.9 29.9

61 22.9 18.4 27.6

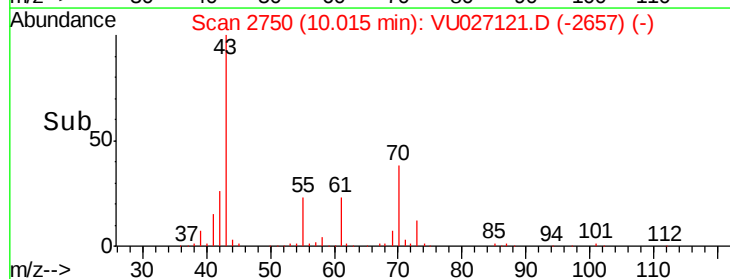
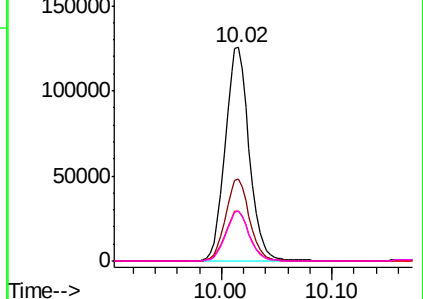


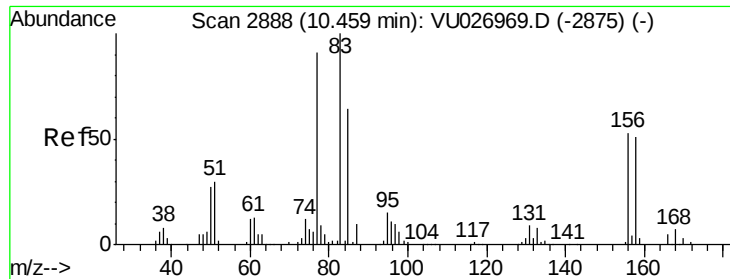
Abundance Ion 43.00 (42.70 to 43.70): VU0

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: 47.726 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. -0.00 min

Lab File: VU027121.D

Acq: 24 Sep 2018 20:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

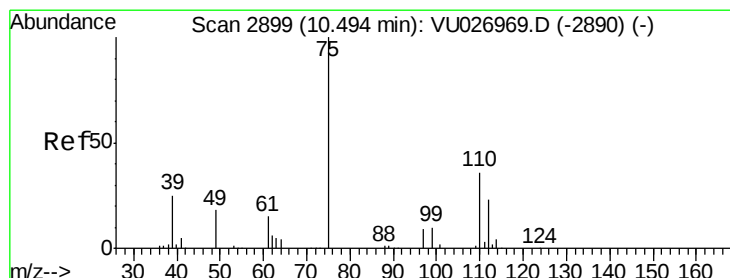
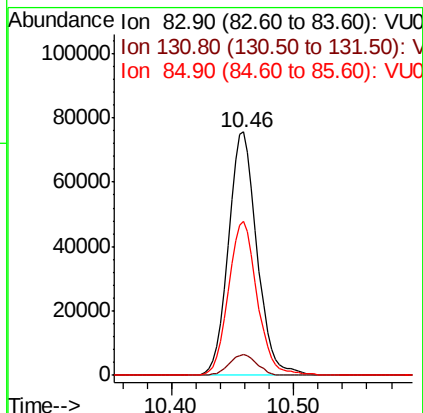
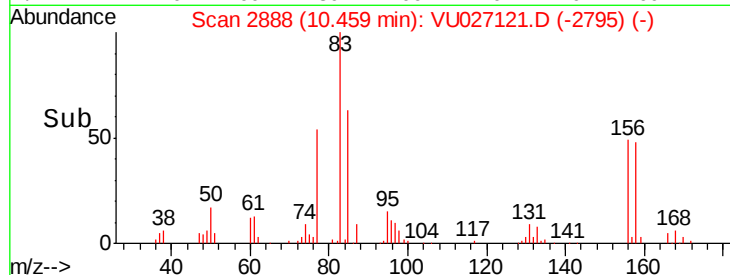
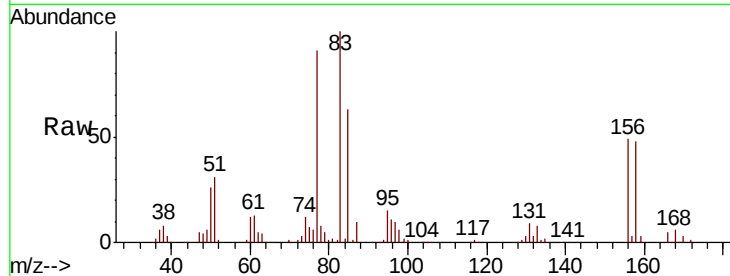
Tgt Ion: 83 Resp: 123500

Ion Ratio Lower Upper

83 100

131 8.5 4.3 12.8

85 64.0 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 65.058 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.00 min

Lab File: VU027121.D

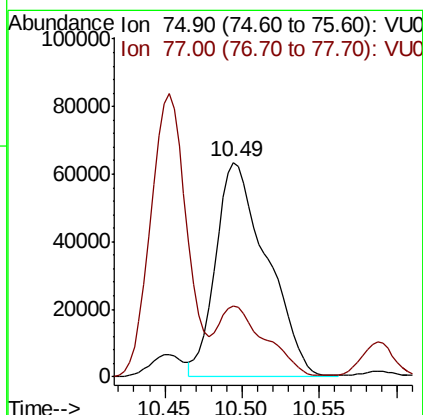
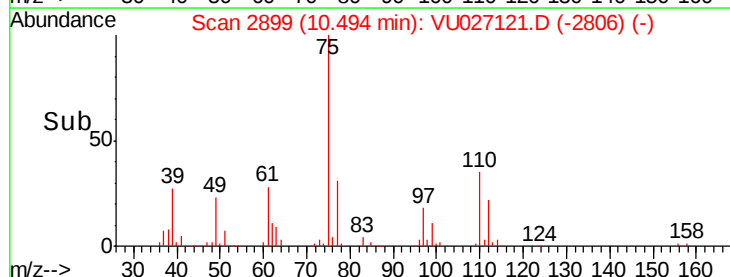
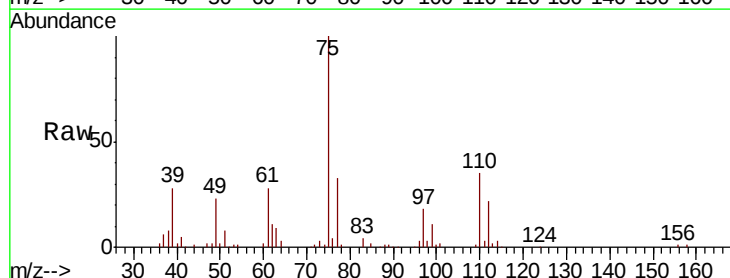
Acq: 24 Sep 2018 20:00

Tgt Ion: 75 Resp: 146234

Ion Ratio Lower Upper

75 100

77 31.1 20.9 62.8





#77

Bromobenzene

Concen: 50.546 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. -0.00 min

Lab File: VU027121.D

Acq: 24 Sep 2018 20:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

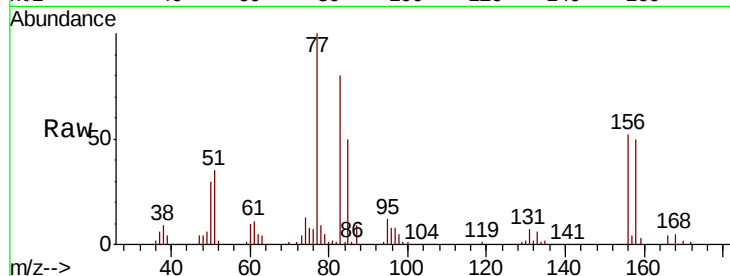
Tgt Ion:156 Resp: 69518

Ion Ratio Lower Upper

156 100

77 196.0 92.3 276.9

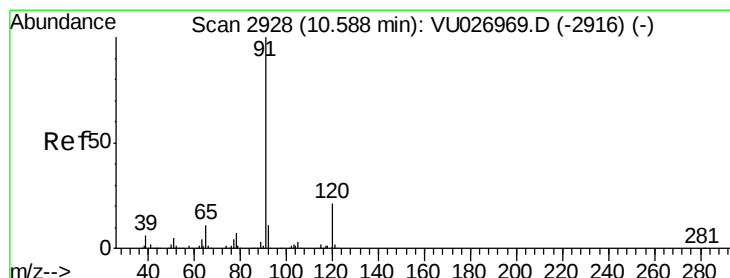
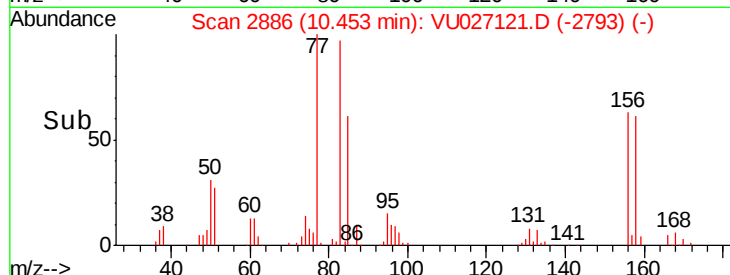
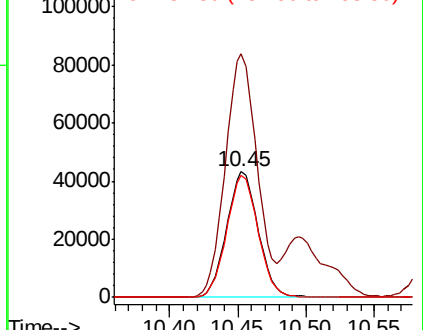
158 96.8 48.1 144.3



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: 56.891 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. -0.00 min

Lab File: VU027121.D

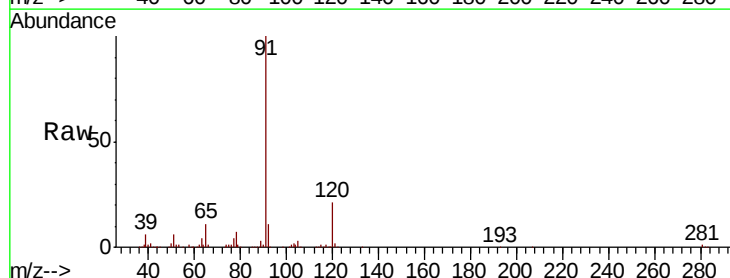
Acq: 24 Sep 2018 20:00

Tgt Ion: 91 Resp: 378860

Ion Ratio Lower Upper

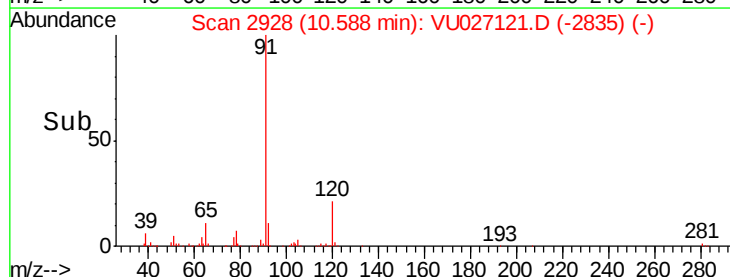
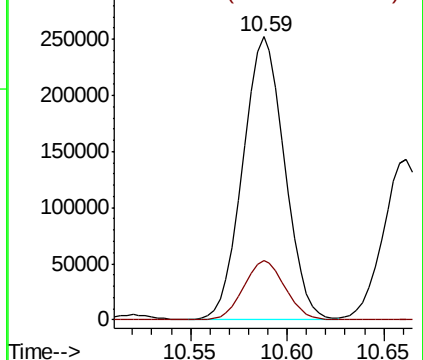
91 100

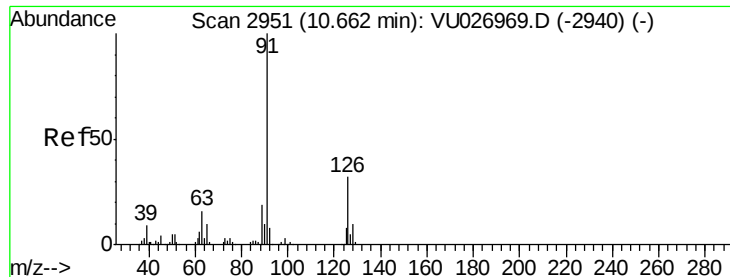
120 20.8 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.297 ug/l

RT: 10.66 min Scan# 2951

Delta R.T. -0.00 min

Lab File: VU027121.D

Acq: 24 Sep 2018 20:00

Instrument :

MSVOA_U

ClientSampleId :

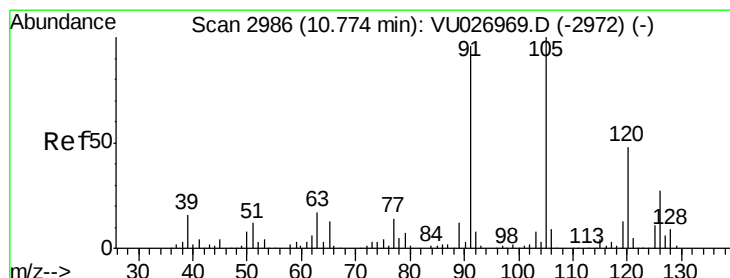
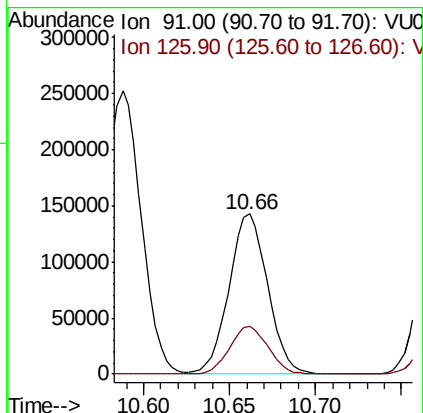
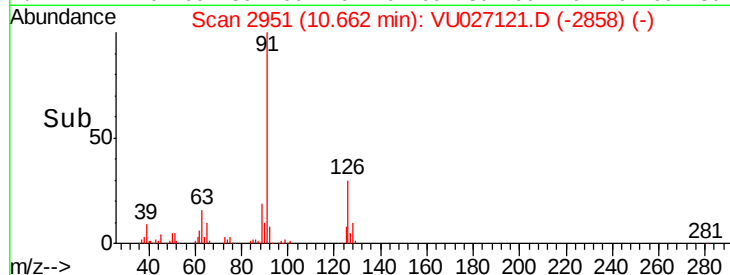
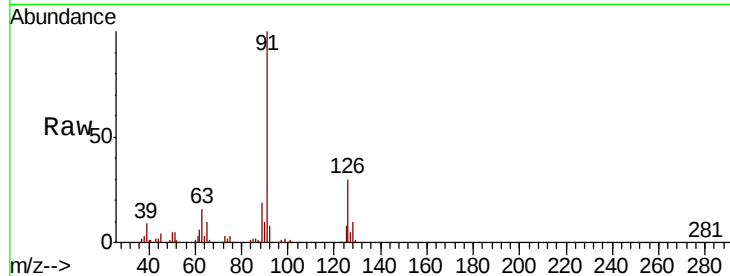
VSTDCCC050EC

Tgt Ion: 91 Resp: 222942

Ion Ratio Lower Upper

91 100

126 29.9 15.8 47.3



#80

1,3,5-Trimethylbenzene

Concen: 55.938 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU027121.D

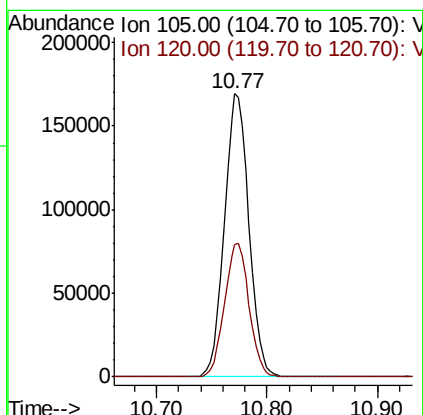
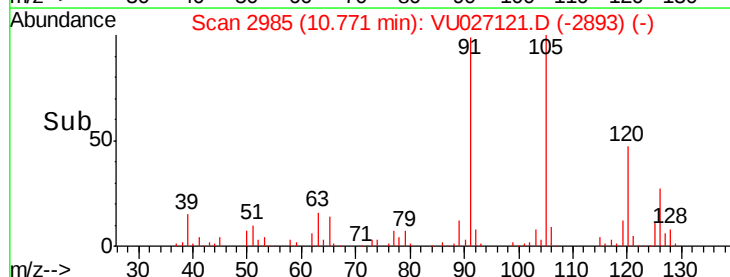
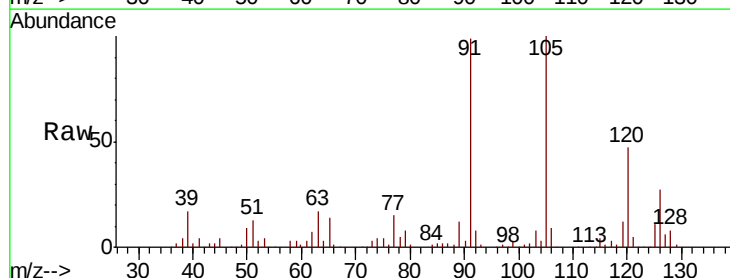
Acq: 24 Sep 2018 20:00

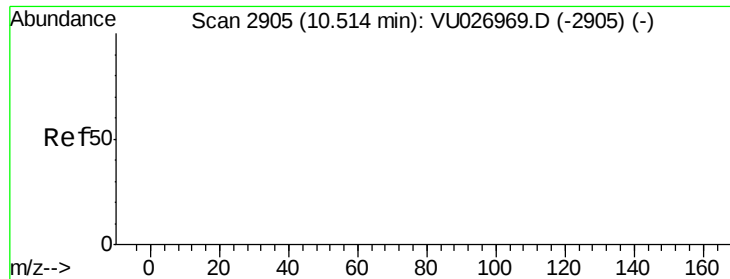
Tgt Ion: 105 Resp: 259885

Ion Ratio Lower Upper

105 100

120 47.3 23.9 71.7

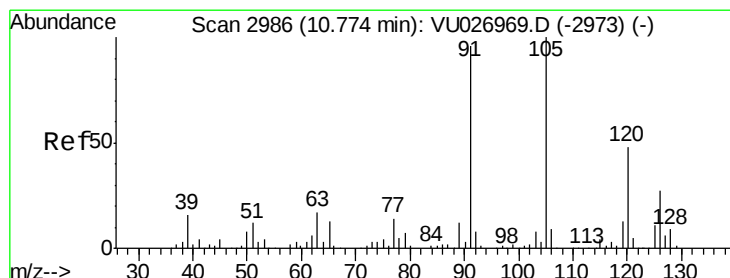
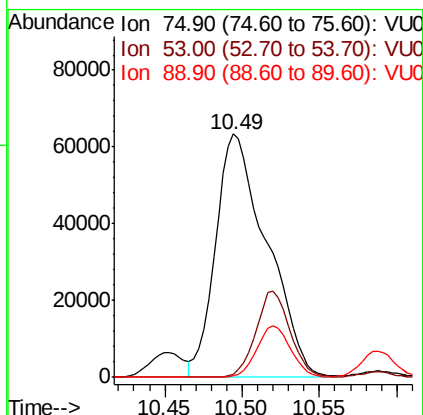
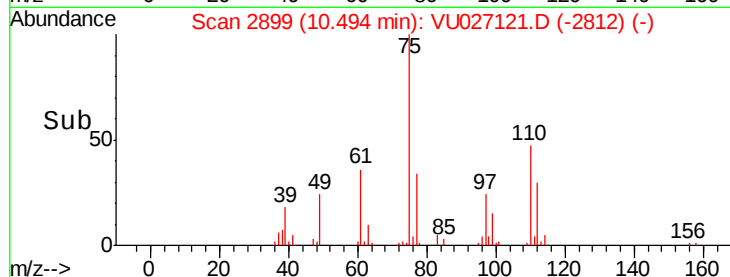
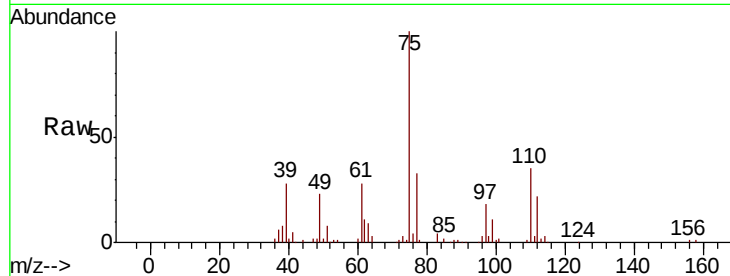




#81
trans-1,4-Dichloro-2-butene
Concen: 208.198 ug/l
RT: 10.49 min Scan# 2899
Delta R.T. -0.02 min
Lab File: VU027121.D
Acq: 24 Sep 2018 20:00

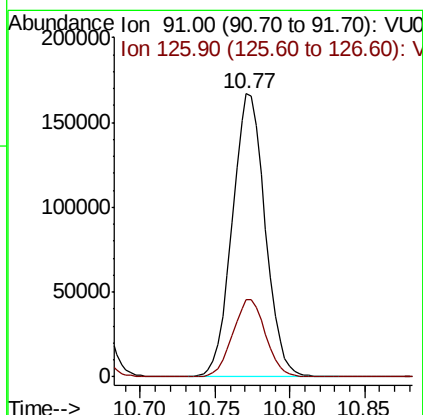
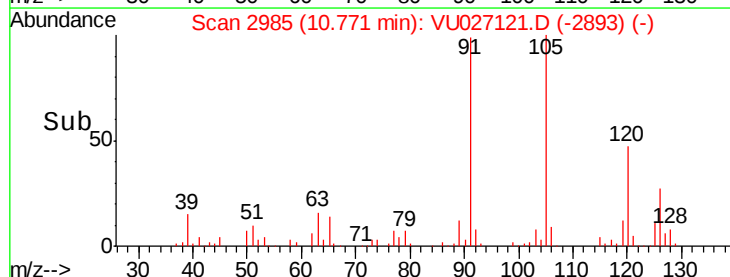
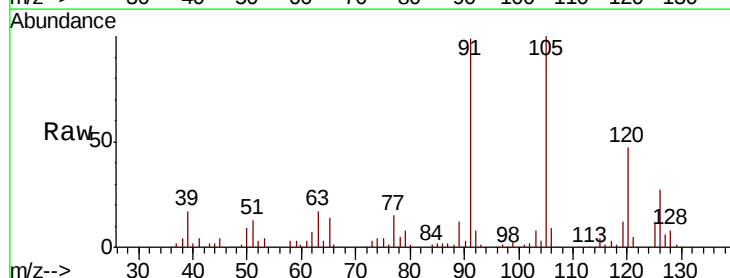
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 146234
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 54.391 ug/l
RT: 10.77 min Scan# 2985
Delta R.T. -0.00 min
Lab File: VU027121.D
Acq: 24 Sep 2018 20:00

Tgt Ion: 91 Resp: 255109
Ion Ratio Lower Upper
91 100
126 27.6 14.1 42.2

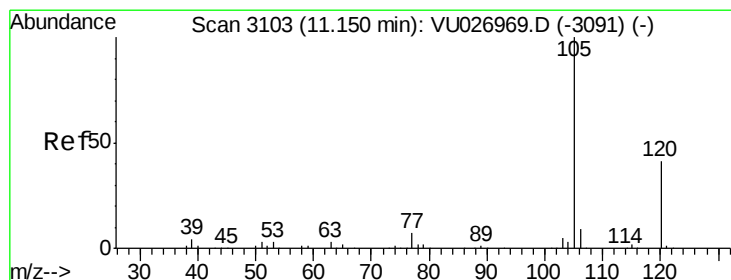
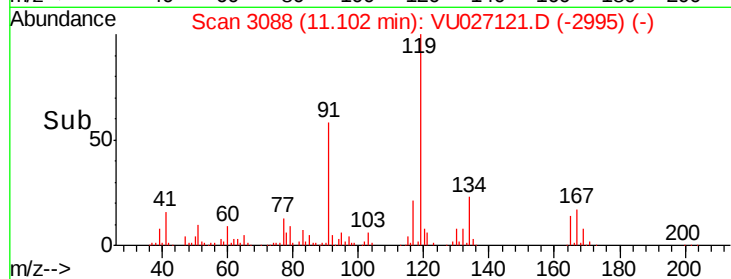
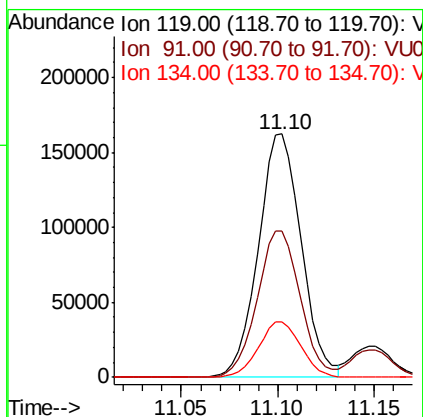
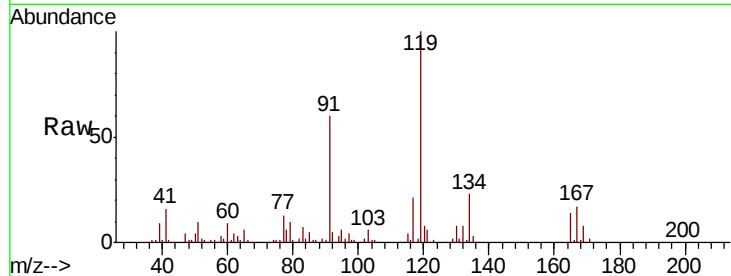




#83
 tert-Butylbenzene
 Concen: 54.437 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. -0.00 min
 Lab File: VU027121.D
 Acq: 24 Sep 2018 20:00

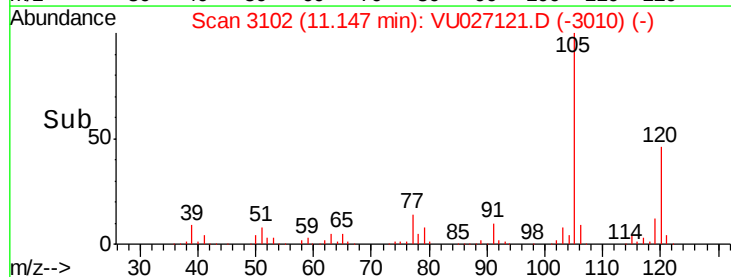
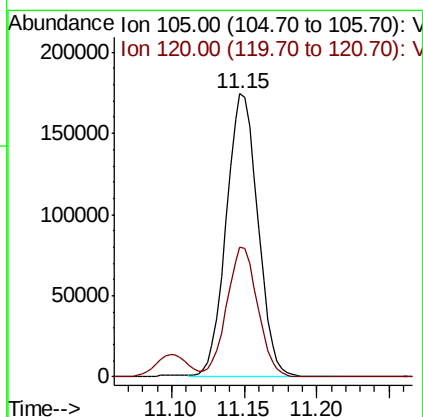
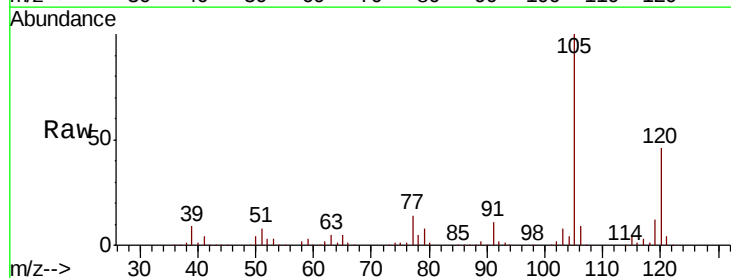
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

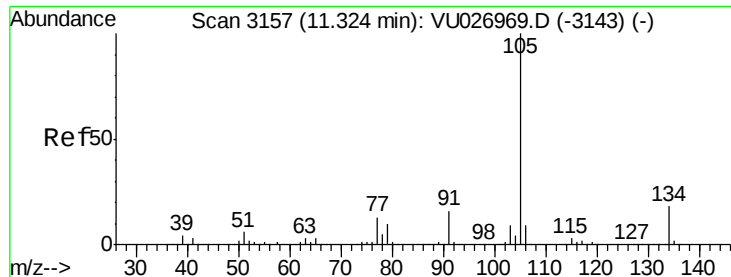
Tgt Ion:119 Resp: 250041
 Ion Ratio Lower Upper
 119 100
 91 60.1 29.8 89.4
 134 22.6 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 55.690 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: VU027121.D
 Acq: 24 Sep 2018 20:00

Tgt Ion:105 Resp: 263307
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.4 67.2

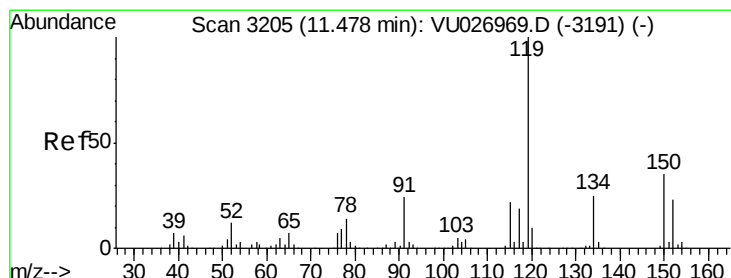
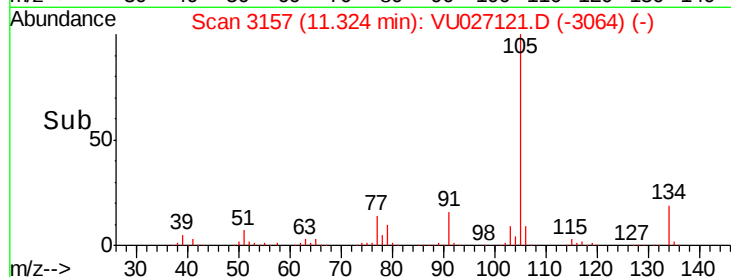
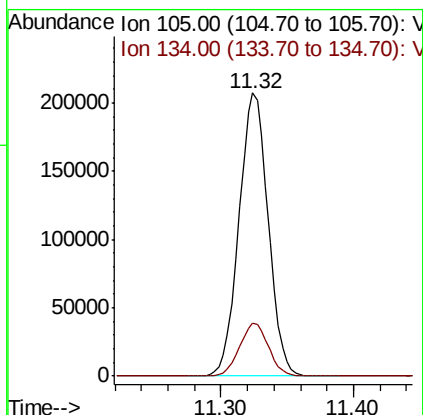
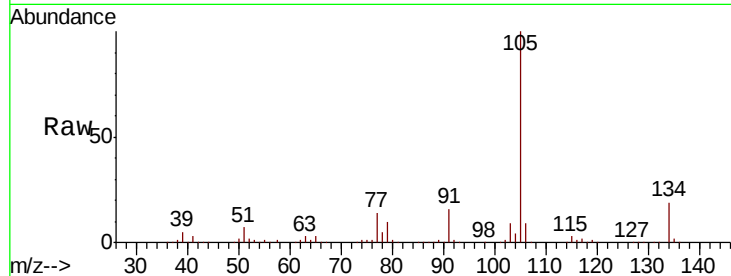




#85
 sec-Butylbenzene
 Concen: 56.348 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. -0.00 min
 Lab File: VU027121.D
 Acq: 24 Sep 2018 20:00

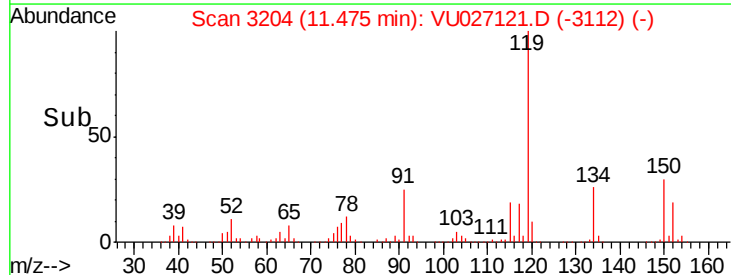
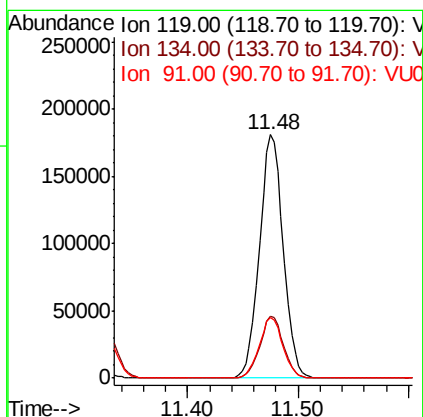
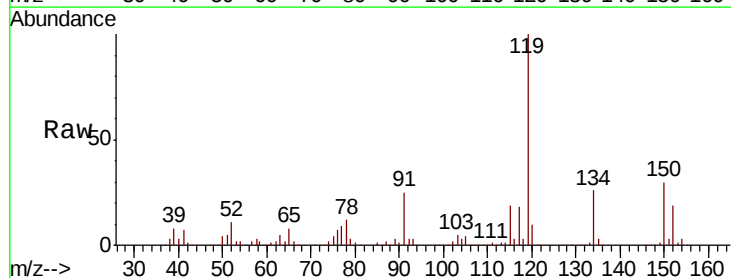
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 315944
 Ion Ratio Lower Upper
 105 100
 134 18.4 9.4 28.2



#86
 p-Isopropyltoluene
 Concen: 51.198 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. -0.00 min
 Lab File: VU027121.D
 Acq: 24 Sep 2018 20:00

Tgt Ion:119 Resp: 269484
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.8 38.3
 91 24.8 12.3 36.8

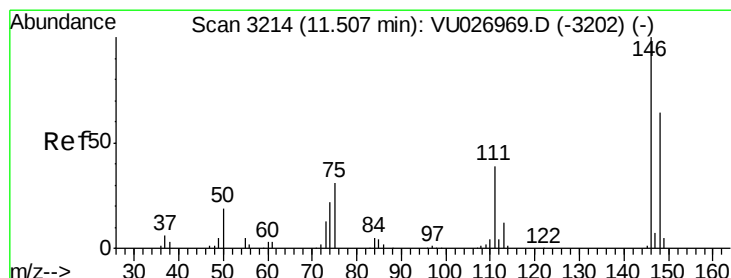
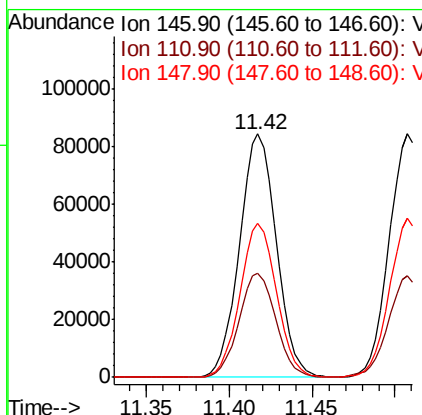
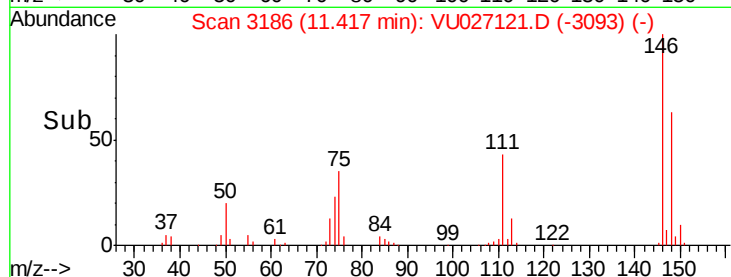
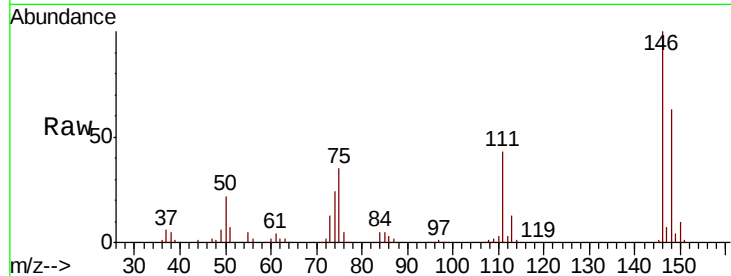




#87
 1,3-Dichlorobenzene
 Concen: 51.051 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. -0.00 min
 Lab File: VU027121.D
 Acq: 24 Sep 2018 20:00

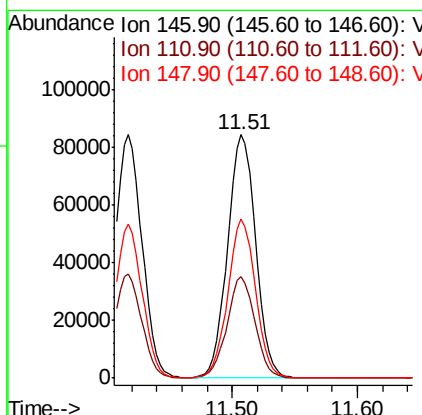
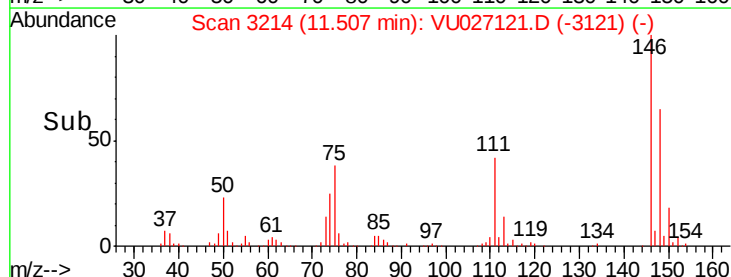
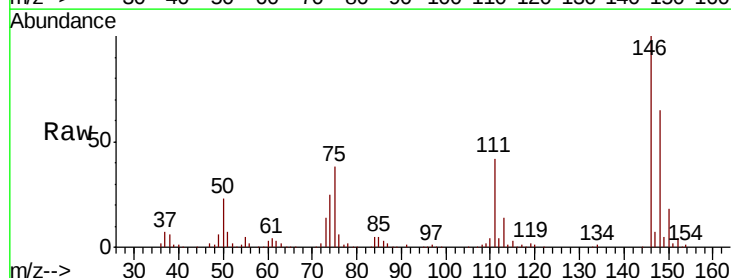
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

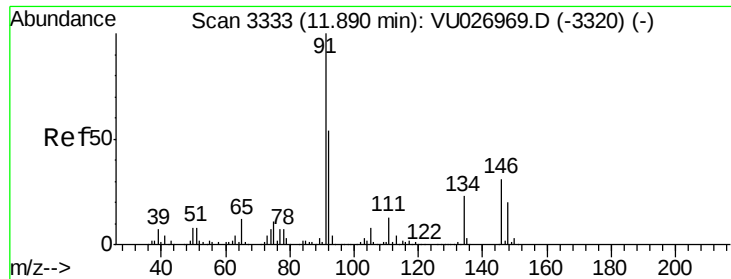
Tgt Ion:146 Resp: 130658
 Ion Ratio Lower Upper
 146 100
 111 42.7 20.8 62.2
 148 62.6 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 47.041 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. -0.00 min
 Lab File: VU027121.D
 Acq: 24 Sep 2018 20:00

Tgt Ion:146 Resp: 131217
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.3 60.9
 148 64.2 31.9 95.9





#89

n-Butylbenzene

Concen: 49.841 ug/l

RT: 11.89 min Scan# 3333

Delta R.T. 0.00 min

Lab File: VU027121.D

Acq: 24 Sep 2018 20:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

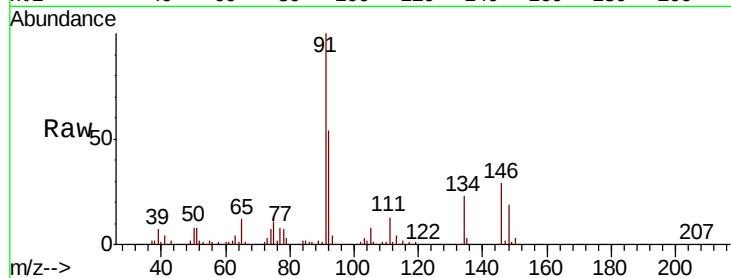
Tgt Ion: 91 Resp: 254152

Ion Ratio Lower Upper

91 100

92 53.9 27.1 81.2

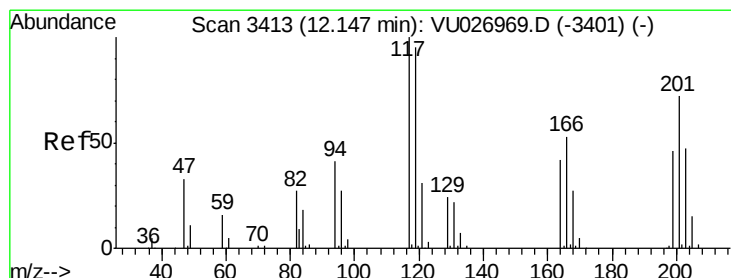
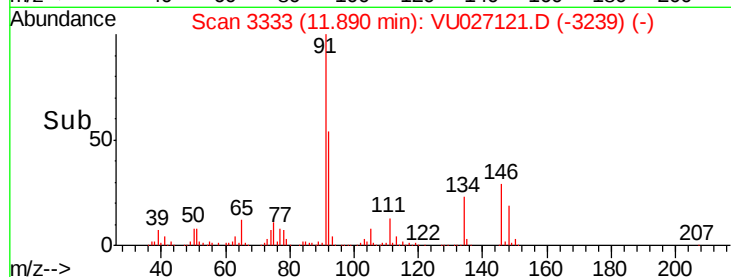
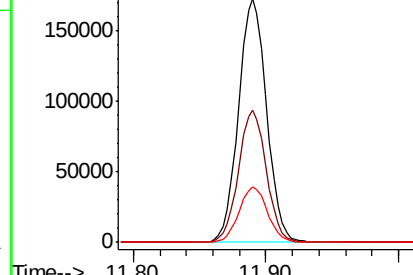
134 23.1 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VU026969.D (-3320) (-)

Ion 92.00 (91.70 to 92.70): VU026969.D (-3320) (-)

Ion 134.00 (133.70 to 134.70): VU026969.D (-3320) (-)



#90

Hexachloroethane

Concen: 48.736 ug/l

RT: 12.15 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VU027121.D

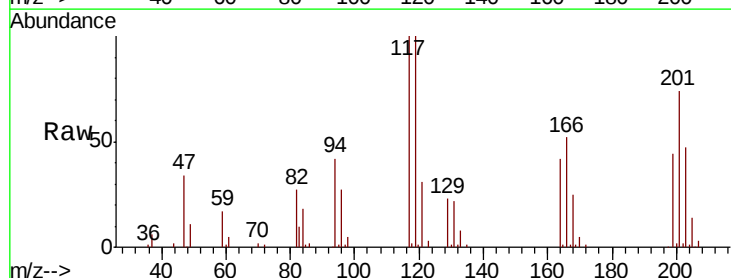
Acq: 24 Sep 2018 20:00

Tgt Ion: 117 Resp: 49692

Ion Ratio Lower Upper

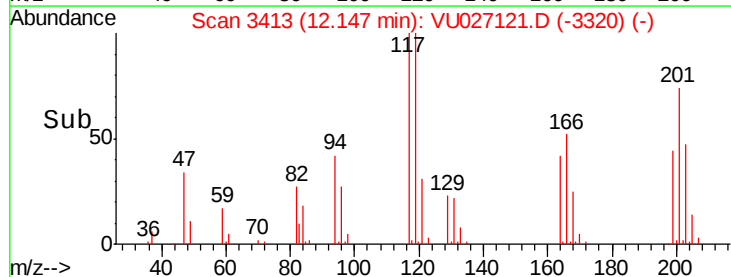
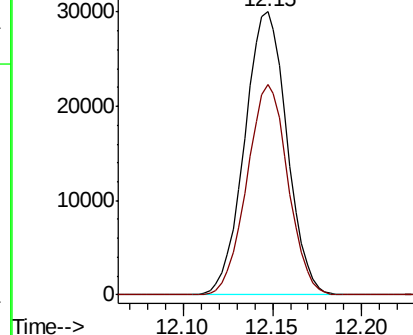
117 100

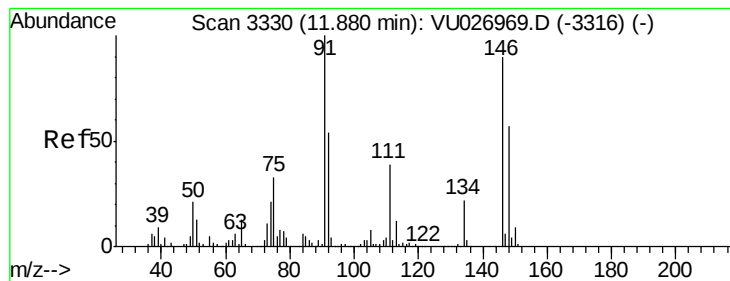
201 72.1 36.8 110.3



Abundance Ion 116.80 (116.50 to 117.50): VU026969.D (-3401) (-)

Ion 200.70 (200.40 to 201.40): VU026969.D (-3401) (-)





#91

1,2-Dichlorobenzene

Concen: 48.161 ug/l

RT: 11.88 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VU027121.D

Acq: 24 Sep 2018 20:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

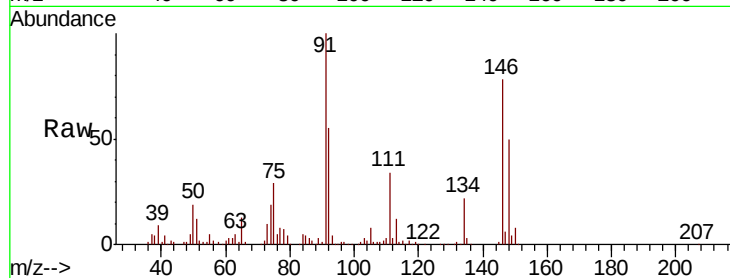
Tgt Ion:146 Resp: 130933

Ion Ratio Lower Upper

146 100

111 44.5 21.8 65.3

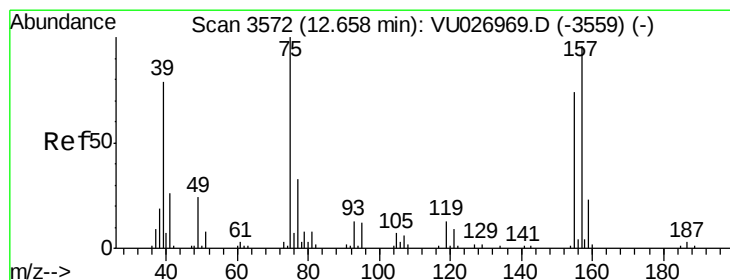
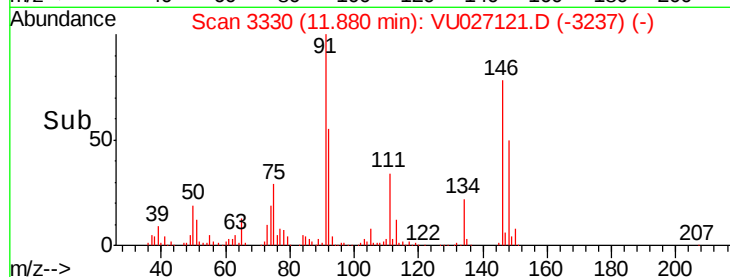
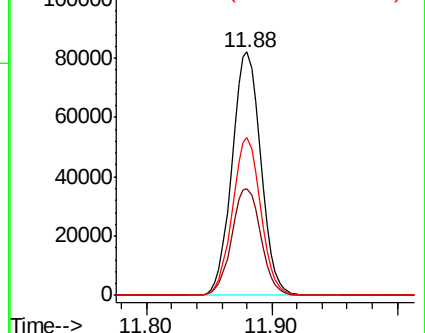
148 63.7 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

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: 51.633 ug/l

RT: 12.66 min Scan# 3571

Delta R.T. -0.00 min

Lab File: VU027121.D

Acq: 24 Sep 2018 20:00

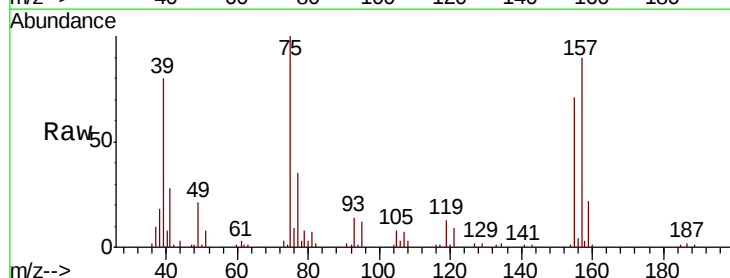
Tgt Ion: 75 Resp: 27257

Ion Ratio Lower Upper

75 100

155 73.0 36.6 109.8

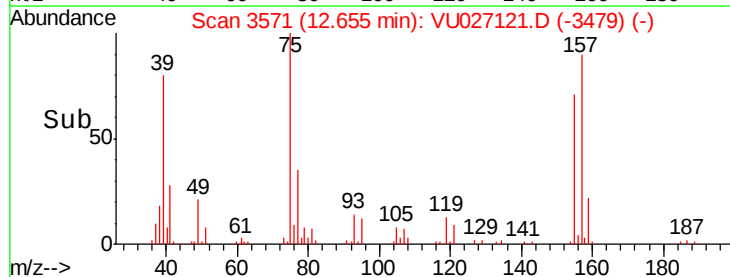
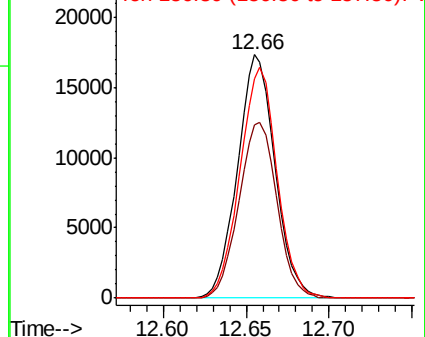
157 93.9 47.4 142.2



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

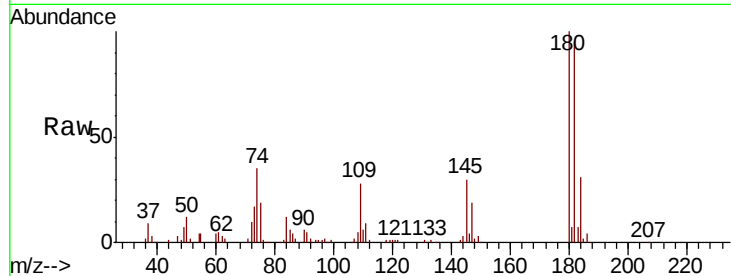




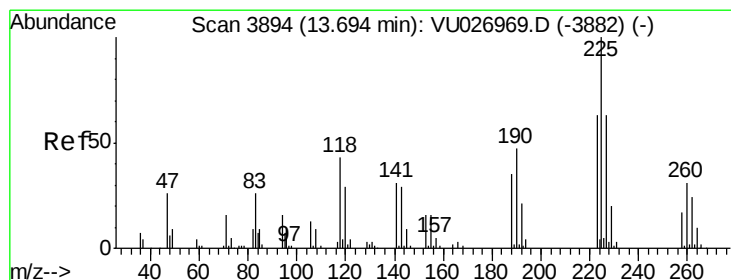
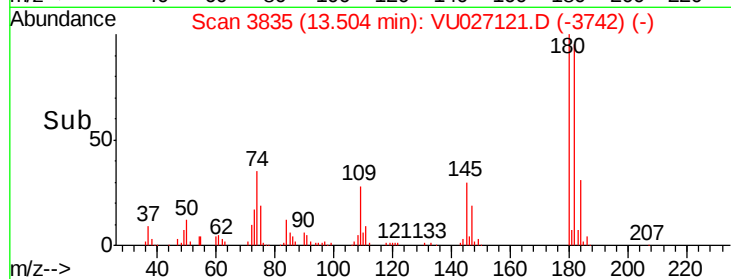
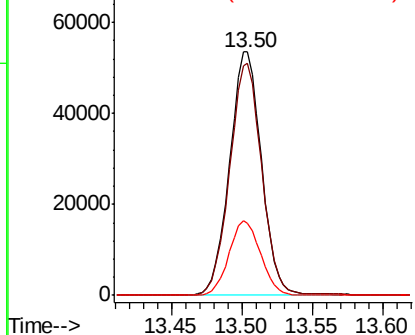
#93
 1,2,4-Trichlorobenzene
 Concen: 54.123 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. -0.00 min
 Lab File: VU027121.D
 Acq: 24 Sep 2018 20:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 84794
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.4 142.2
 145 30.5 14.9 44.5

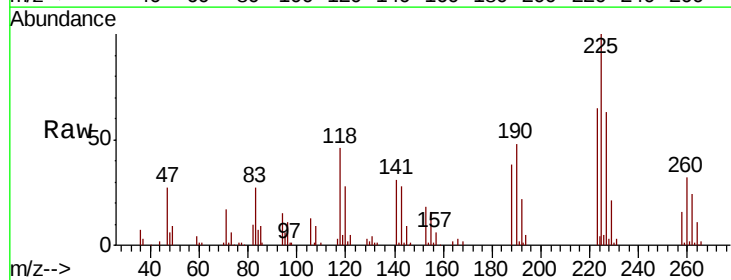


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

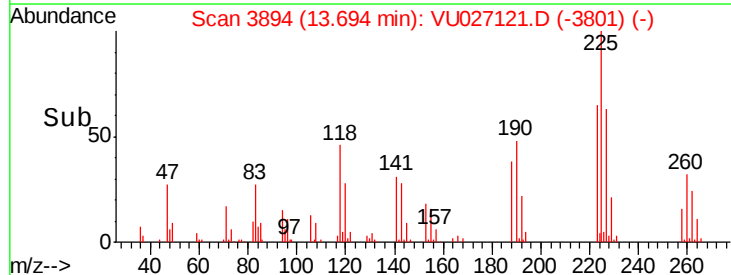
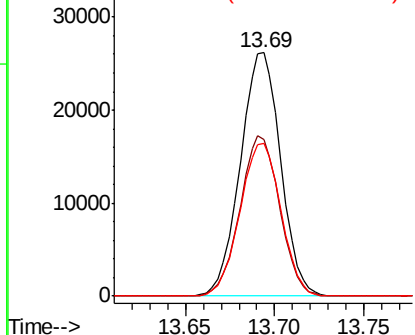


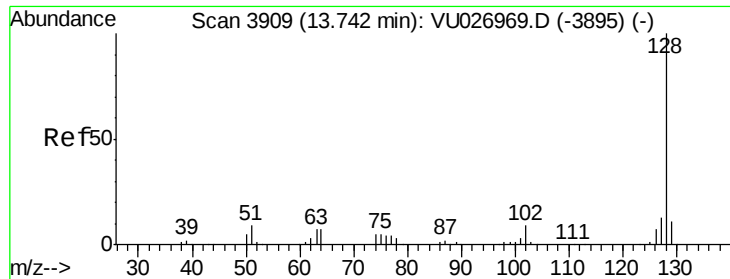
#94
 Hexachlorobutadiene
 Concen: 49.772 ug/l
 RT: 13.69 min Scan# 3894
 Delta R.T. -0.00 min
 Lab File: VU027121.D
 Acq: 24 Sep 2018 20:00

Tgt Ion:225 Resp: 41259
 Ion Ratio Lower Upper
 225 100
 223 64.9 31.9 95.7
 227 63.7 32.1 96.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

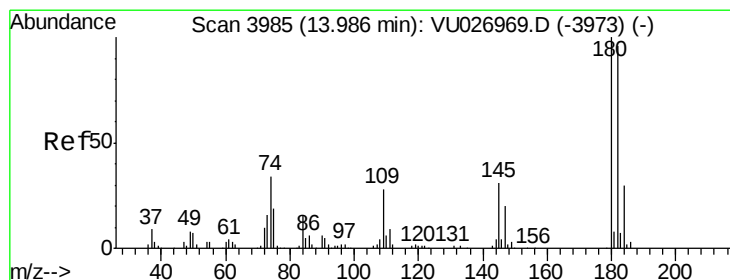
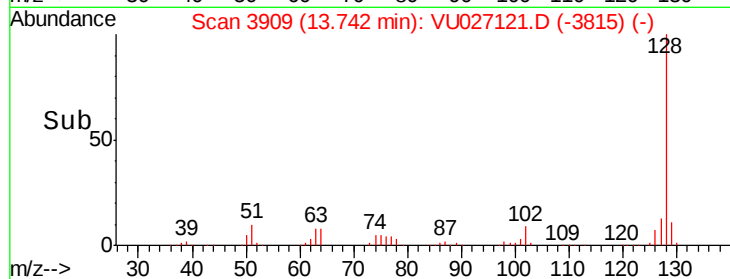
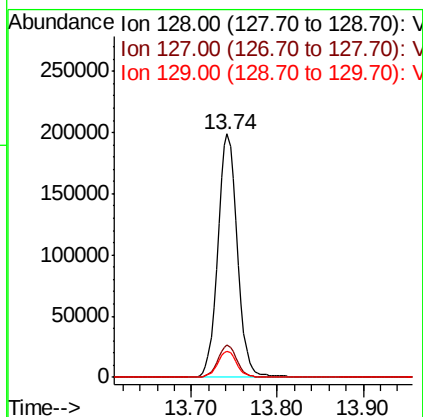
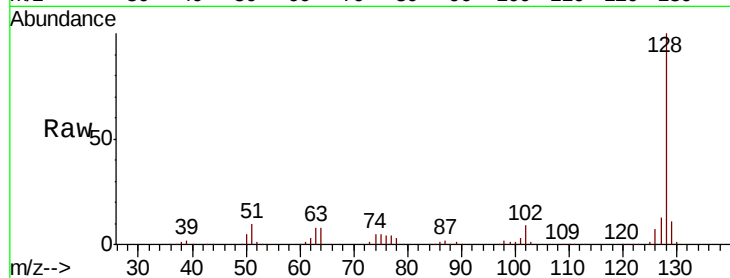




#95
Naphthalene
Concen: 51.255 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU027121.D
Acq: 24 Sep 2018 20:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 314230
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 10.7 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 53.795 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. -0.00 min
Lab File: VU027121.D
Acq: 24 Sep 2018 20:00

Tgt Ion:180 Resp: 90380
Ion Ratio Lower Upper
180 100
182 96.7 47.5 142.5
145 31.5 15.4 46.4

