

Data File : VU025903.D
Acq On : 06 Aug 2018 21:59
Operator : MD/SY
Sample : J4263-12MS
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
FL-0519MS

Quant Time: Aug 07 01:05:31 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 00:49:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	179312	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	274402	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	270888	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	169841	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	142575	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
35) Dibromofluoromethane	4.89	113	118402	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
50) Toluene-d8	7.57	98	413527	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
62) 4-Bromofluorobenzene	10.31	95	160320	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	100677	37.148	ug/l	99
3) Chloromethane	1.33	50	103336	39.893	ug/l	98
4) Vinyl Chloride	1.40	62	112385	46.102	ug/l	99
5) Bromomethane	1.63	94	53164	44.652	ug/l	99
6) Chloroethane	1.70	64	68785	48.256	ug/l	97
7) Trichlorofluoromethane	1.89	101	168359	47.768	ug/l	99
8) Diethyl Ether	2.10	74	60774	47.656	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.29	101	99107	48.590	ug/l	99
10) Methyl Iodide	2.41	142	69838	38.994	ug/l	99
11) Tert butyl alcohol	2.83	59	136214	222.686	ug/l	98
12) 1,1-Dichloroethene	2.28	96	93274	48.446	ug/l	98
13) Acrolein	2.19	56	91186	412.955	ug/l	100
14) Allyl chloride	2.59	41	161117	46.567	ug/l	97
15) Acrylonitrile	2.94	53	321650	263.371	ug/l	99
16) Acetone	2.32	43	363658	266.978	ug/l	98
17) Carbon Disulfide	2.48	76	298884	47.967	ug/l	100
18) Methyl Acetate	2.62	43	143256	43.696	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	370677	53.129	ug/l #	88
20) Methylene Chloride	2.70	84	114156	47.289	ug/l	98
21) trans-1,2-Dichloroethene	2.99	96	110252	49.538	ug/l	99
22) Diisopropyl ether	3.58	45	358533	52.586	ug/l	93
23) Vinyl Acetate	3.53	43	1506976	253.624	ug/l	99
24) 1,1-Dichloroethane	3.45	63	207606	50.725	ug/l	99
25) 2-Butanone	4.27	43	572019	308.493	ug/l	100
26) 2,2-Dichloropropane	4.23	77	161115	43.310	ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	126360	50.358	ug/l	97
28) Bromochloromethane	4.55	49	91823	50.179	ug/l	100
29) Tetrahydrofuran	4.64	42	286760	258.134	ug/l	99
30) Chloroform	4.68	83	218709	50.626	ug/l	100
31) Cyclohexane	5.00	56	186203	52.366	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	198435	51.019	ug/l	99
36) 1,1-Dichloropropene	5.14	75	161036	50.217	ug/l	99
37) Ethyl Acetate	4.38	43	166151	49.968	ug/l	99
38) Carbon Tetrachloride	5.14	117	179185	49.332	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	184636	50.250	ug/l	99
40) Benzene	5.39	78	474727	50.644	ug/l	98
41) Methacrylonitrile	4.54	41	93992	50.892	ug/l	98
42) 1,2-Dichloroethane	5.41	62	180151	49.911	ug/l	99
43) Isopropyl Acetate	5.55	43	268899	48.938	ug/l	99
44) Trichloroethene	6.19	130	126780	48.566	ug/l	99
45) 1,2-Dichloropropane	6.44	63	122478	50.100	ug/l	99
46) Dibromomethane	6.56	93	86492	48.827	ug/l	99
47) Bromodichloromethane	6.76	83	172317	50.997	ug/l	99
48) Methyl methacrylate	6.63	41	139750	51.893	ug/l	97
49) 1,4-Dioxane	6.62	88	57628	879.349	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	1104767	321.146	ug/l	100
52) Toluene	7.64	92	297374	51.065	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	191405	50.450	ug/l	97
54) cis-1,3-Dichloropropene	7.27	75	192402	49.369	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	125638	51.914	ug/l	98
56) Ethyl methacrylate	8.02	69	185619	53.681	ug/l	98
57) 1,3-Dichloropropane	8.25	76	203579	50.021	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.09	63	71	7.121	ug/l #	47
59) 2-Hexanone	8.36	43	850158	315.271	ug/l	99
60) Dibromochloromethane	8.48	129	144558	50.652	ug/l	99
61) 1,2-Dibromoethane	8.59	107	138042	51.289	ug/l	99
64) Tetrachloroethene	8.23	164	110640	46.402	ug/l	98
65) Chlorobenzene	9.12	112	340670	48.778	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	127790	50.579	ug/l	99
67) Ethyl Benzene	9.25	91	1152534	99.624	ug/l	99
68) m/p-Xylenes	9.38	106	680600	153.237	ug/l	99
69) o-Xylene	9.78	106	223240	51.428	ug/l	100
70) Styrene	9.80	104	363045	51.778	ug/l	98
71) Bromoform	9.96	173	113644	51.875	ug/l #	99
73) Isopropylbenzene	10.17	105	643628	55.524	ug/l	100
74) N-amyl acetate	10.01	43	242655	51.276	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	199373	49.735	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	225620	60.292	ug/l	81
77) Bromobenzene	10.45	156	158865	49.686	ug/l	98
78) n-propylbenzene	10.59	91	790121	58.398	ug/l	100
79) 2-Chlorotoluene	10.66	91	409164	51.631	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	593033	60.238	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.50	75	225620	151.181	ug/l #	100
82) 4-Chlorotoluene	10.78	91	491394	52.604	ug/l	100
83) tert-Butylbenzene	11.10	119	499594	51.076	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	1253868	125.685	ug/l	98
85) sec-Butylbenzene	11.33	105	603221	50.511	ug/l	99
86) p-Isopropyltoluene	11.48	119	547536	51.203	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	291474	49.112	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	295782	47.811	ug/l	99
89) n-Butylbenzene	11.89	91	491257	49.783	ug/l	98
90) Hexachloroethane	12.15	117	101436	53.352	ug/l	90
91) 1,2-Dichlorobenzene	11.88	146	290933	50.011	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.66	75	48837	51.389	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080618\
Quantitation Report (Not Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	205370	52.307	ug/l	99
94) Hexachlorobutadiene	13.70	225	87289	42.176	ug/l	100
95) Naphthalene	13.74	128	713627	56.421	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	202872	51.798	ug/l	95

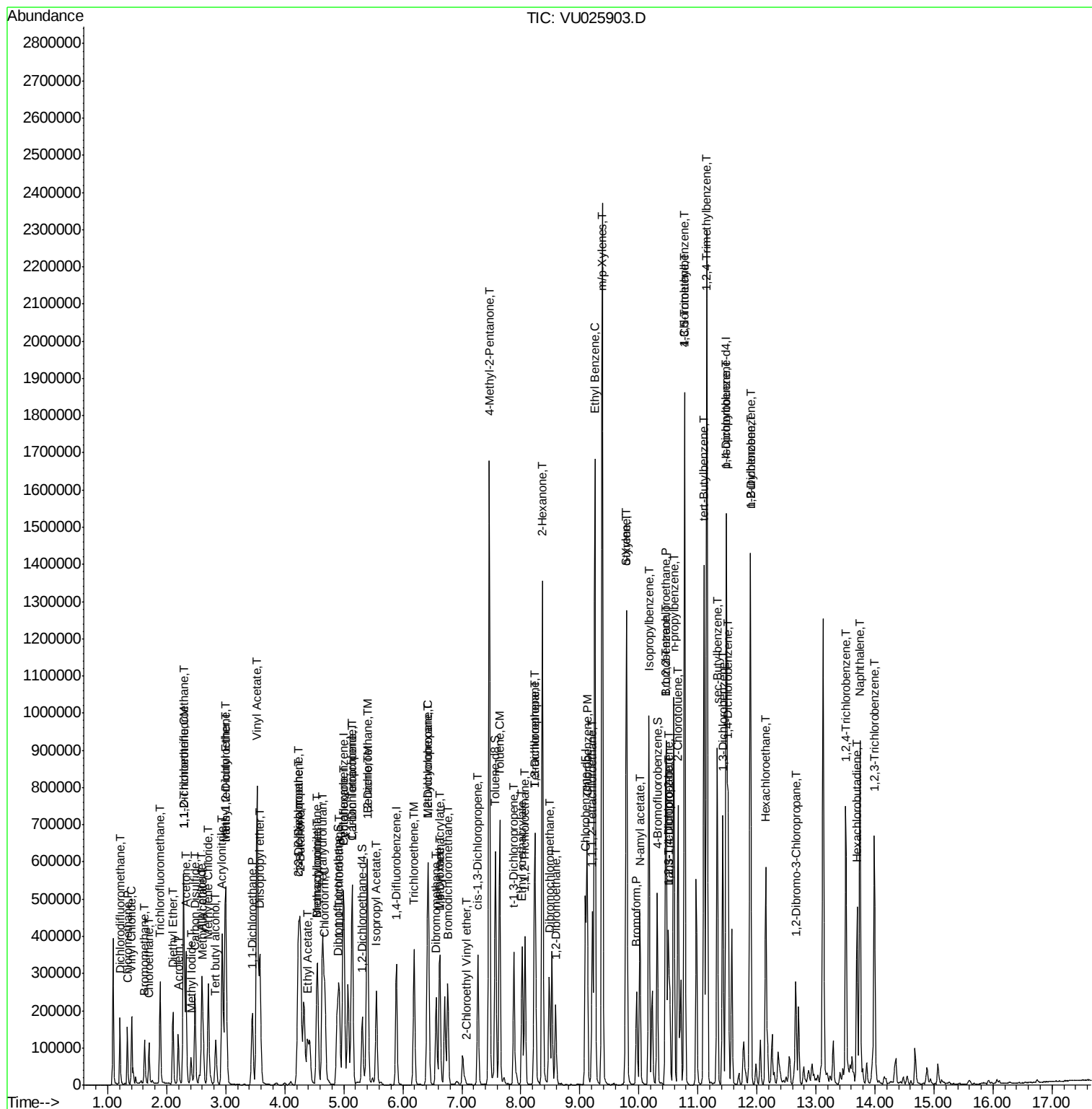
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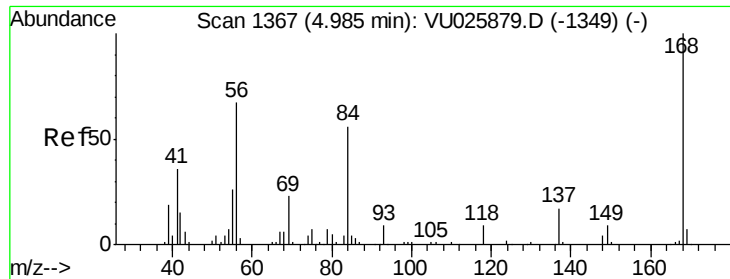
Data File : VU025903.D

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025903.D

Acq: 06 Aug 2018 21:59

Instrument :

MSVOA_U

ClientSampleId :

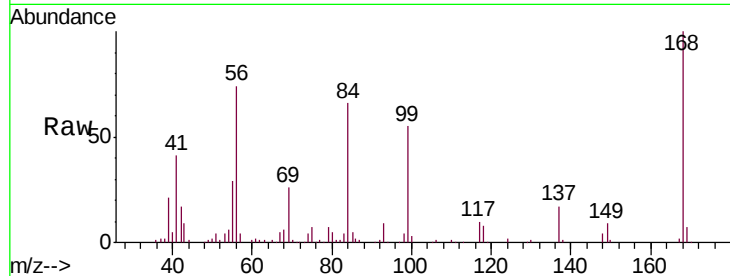
FL-0519MS

Tgt Ion:168 Resp: 179312

Ion Ratio Lower Upper

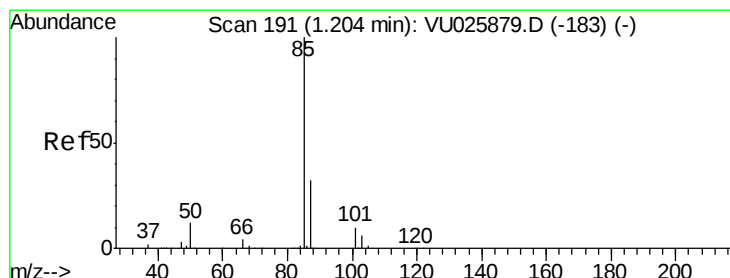
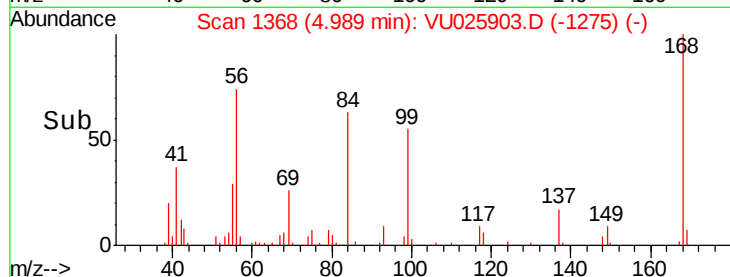
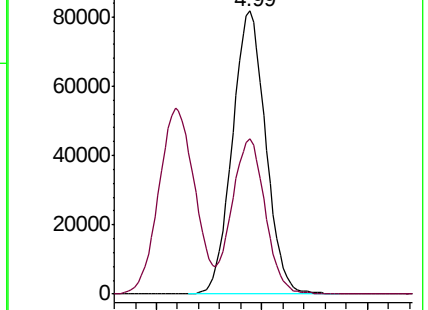
168 100

99 54.6 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025879.D (-1349) (-)

Ion 98.90 (98.60 to 99.60): VU025903.D (-1275) (-)



#2

Dichlorodifluoromethane

Concen: 37.148 ug/l

RT: 1.20 min Scan# 191

Delta R.T. 0.00 min

Lab File: VU025903.D

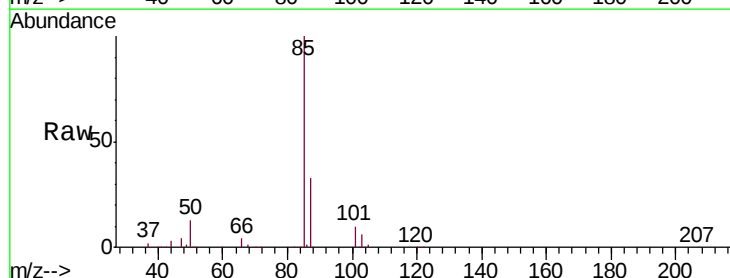
Acq: 06 Aug 2018 21:59

Tgt Ion: 85 Resp: 100677

Ion Ratio Lower Upper

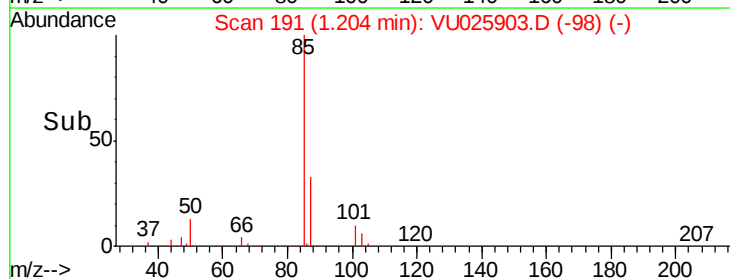
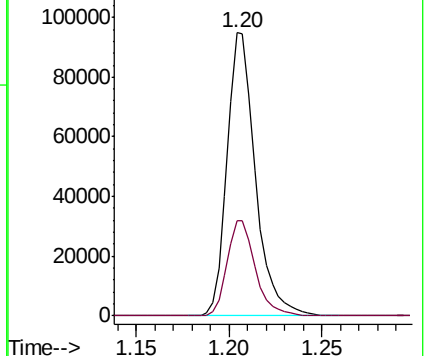
85 100

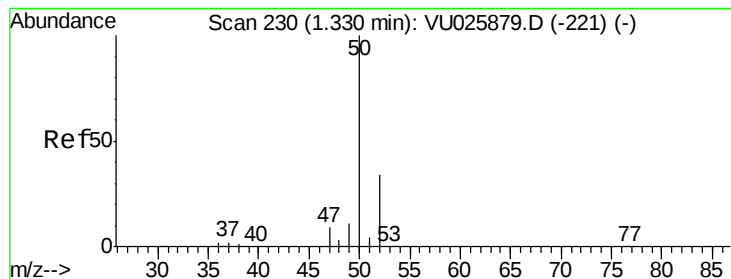
87 33.4 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VU025879.D (-183) (-)

Ion 86.90 (86.60 to 87.60): VU025903.D (-98) (-)





#3

Chloromethane

Concen: 39.893 ug/l

RT: 1.33 min Scan# 231

Delta R.T. 0.00 min

Lab File: VU025903.D

Acq: 06 Aug 2018 21:59

Instrument :

MSVOA_U

ClientSampleId :

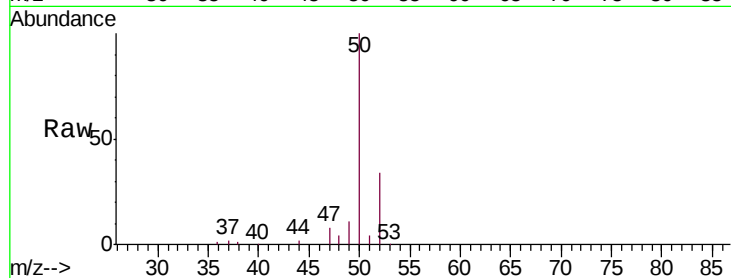
FL-0519MS

Tgt Ion: 50 Resp: 103336

Ion Ratio Lower Upper

50 100

52 34.3 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VU025879.D (-221) (-)

Ion 51.90 (51.60 to 52.60): VU025903.D (-137) (-)

1.33

100000

80000

60000

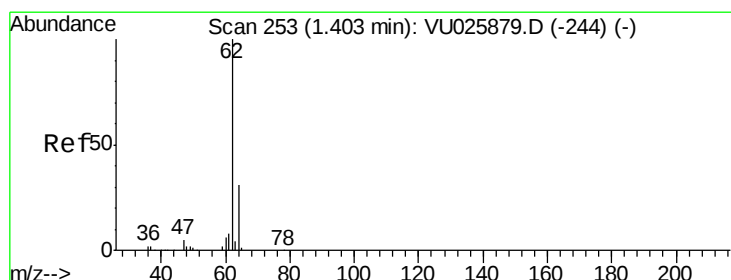
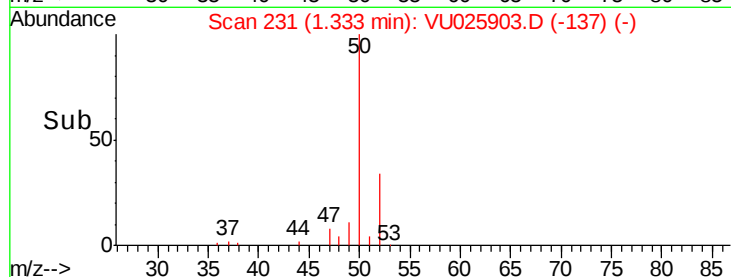
40000

20000

0

1.30 1.35 1.40

Time-->



#4

Vinyl Chloride

Concen: 46.102 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU025903.D

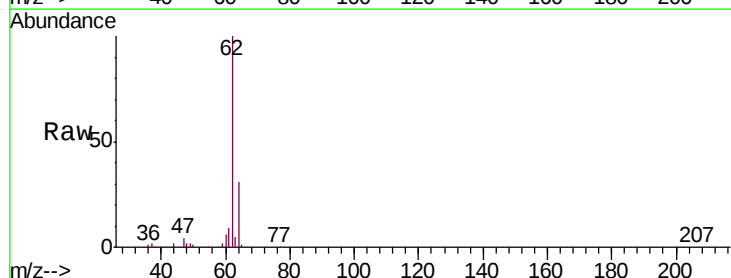
Acq: 06 Aug 2018 21:59

Tgt Ion: 62 Resp: 112385

Ion Ratio Lower Upper

62 100

64 31.3 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VU025879.D (-244) (-)

Ion 63.90 (63.60 to 64.60): VU025903.D (-160) (-)

1.40

120000

100000

80000

60000

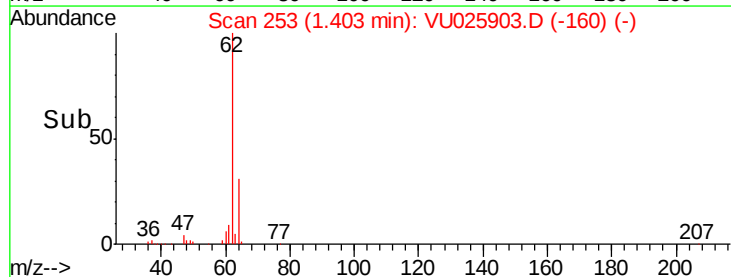
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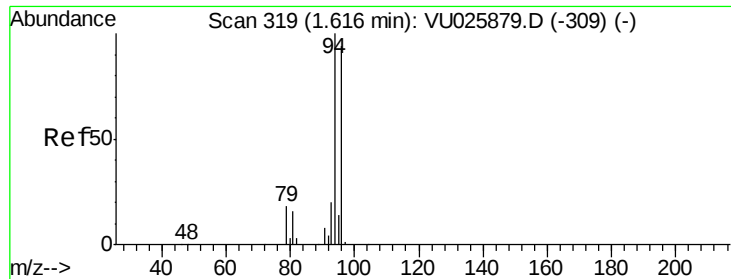
20000

0

1.35 1.40 1.45

Time-->





#5

Bromomethane

Concen: 44.652 ug/l

RT: 1.63 min Scan# 322

Delta R.T. 0.01 min

Lab File: VU025903.D

Acq: 06 Aug 2018 21:59

Instrument :

MSVOA_U

ClientSampleId :

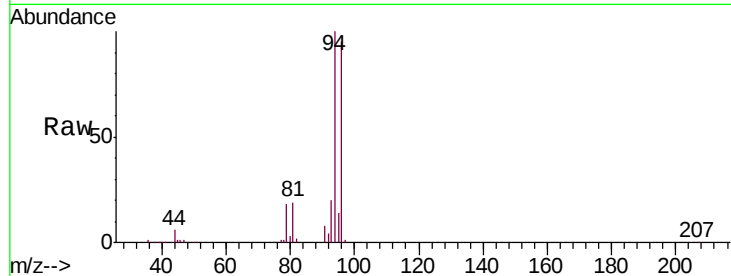
FL-0519MS

Tgt Ion: 94 Resp: 53164

Ion Ratio Lower Upper

94 100

96 94.6 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VU025879.D (-309) (-)

Ion 95.90 (95.60 to 96.60): VU025879.D (-309) (-)

1.63

40000

30000

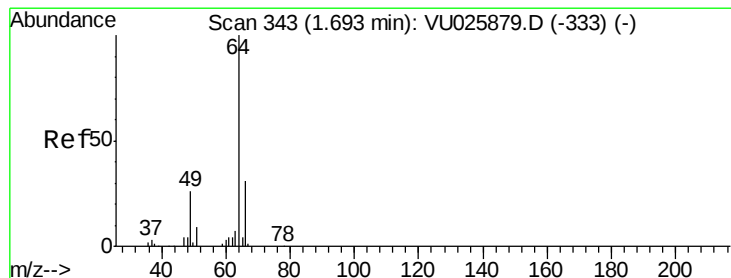
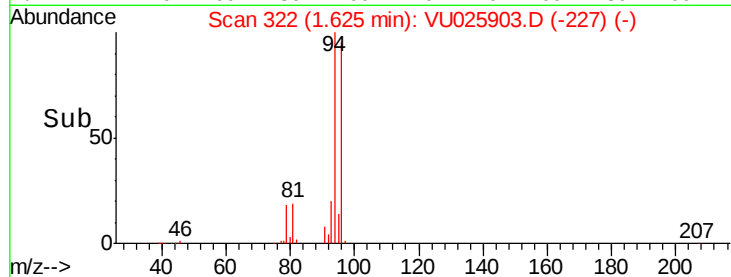
20000

10000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 48.256 ug/l

RT: 1.70 min Scan# 345

Delta R.T. 0.01 min

Lab File: VU025903.D

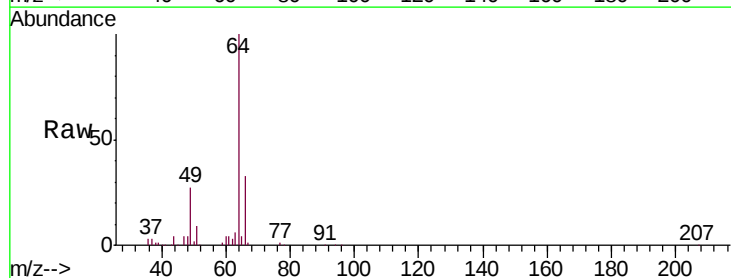
Acq: 06 Aug 2018 21:59

Tgt Ion: 64 Resp: 68785

Ion Ratio Lower Upper

64 100

66 32.6 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VU025879.D (-333) (-)

Ion 65.90 (65.60 to 66.60): VU025879.D (-333) (-)

1.70

60000

50000

40000

30000

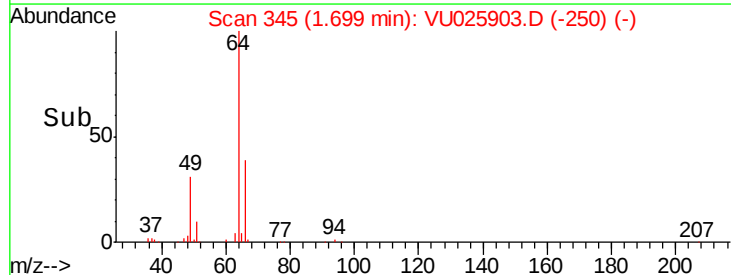
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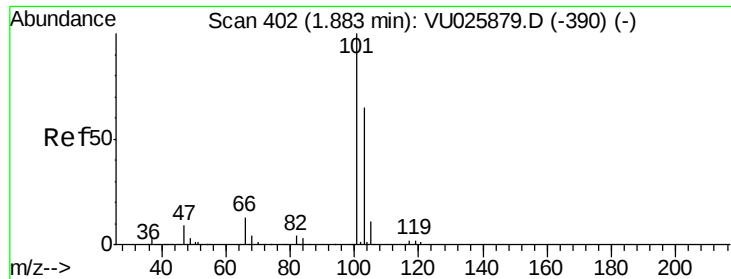
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Time-->

1.65 1.70 1.75



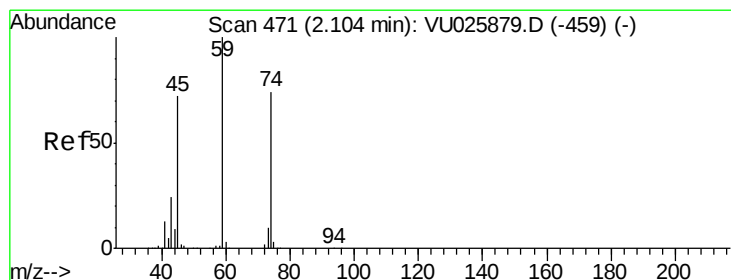
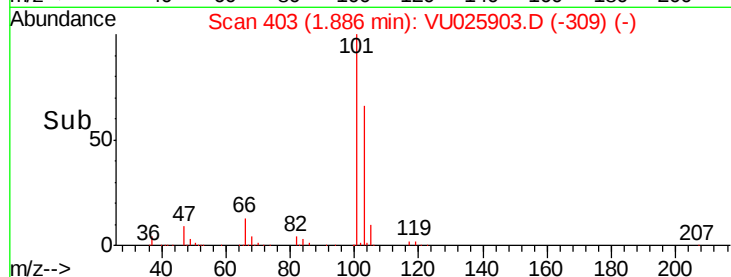
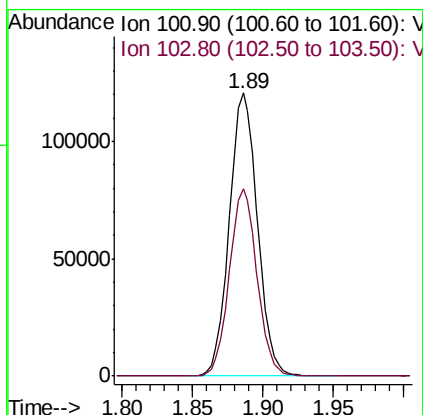
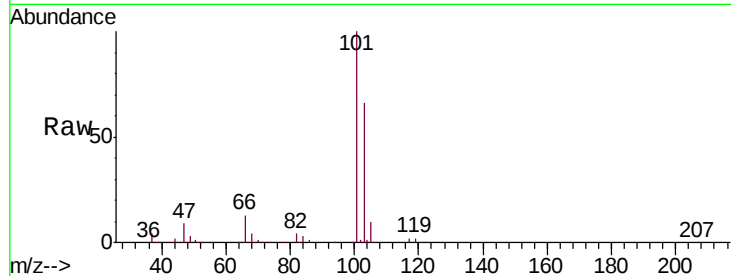


#7

Trichlorofluoromethane
 Concen: 47.768 ug/l
 RT: 1.89 min Scan# 403
 Delta R.T. 0.00 min
 Lab File: VU025903.D
 Acq: 06 Aug 2018 21:59

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 FL-0519MS

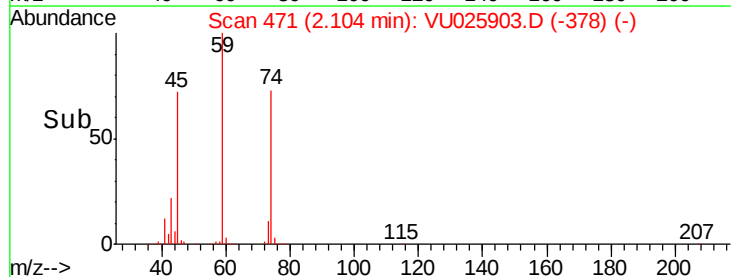
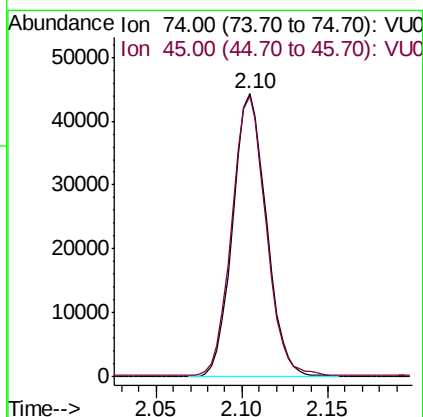
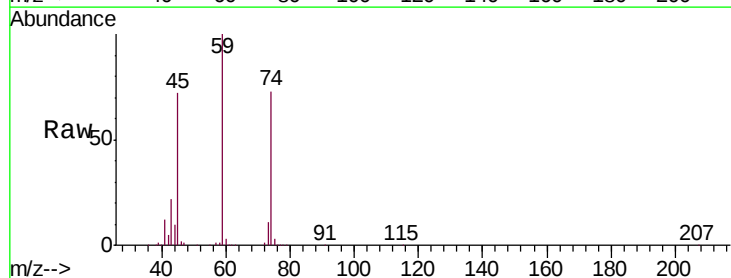
Tgt Ion:101 Resp: 168359
 Ion Ratio Lower Upper
 101 100
 103 66.1 52.2 78.2

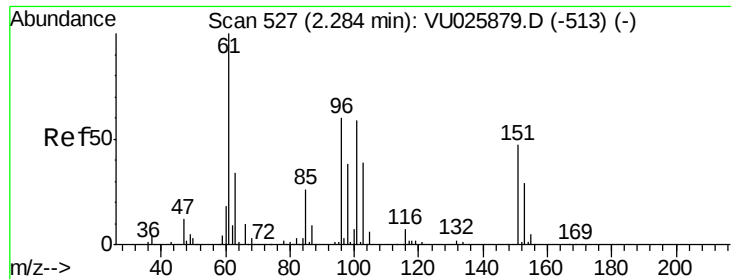


#8

Diethyl Ether
 Concen: 47.656 ug/l
 RT: 2.10 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: VU025903.D
 Acq: 06 Aug 2018 21:59

Tgt Ion: 74 Resp: 60774
 Ion Ratio Lower Upper
 74 100
 45 99.1 48.3 144.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.590 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU025903.D

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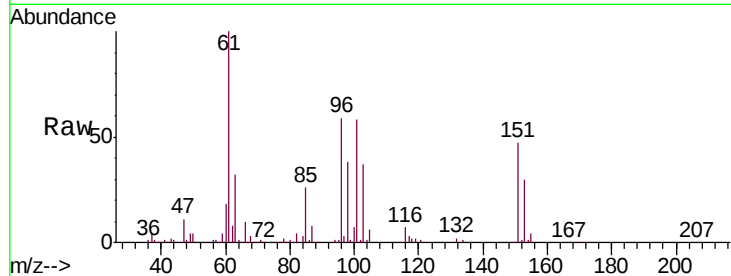
Tgt Ion:101 Resp: 99107

Ion Ratio Lower Upper

101 100

85 44.5 36.0 54.0

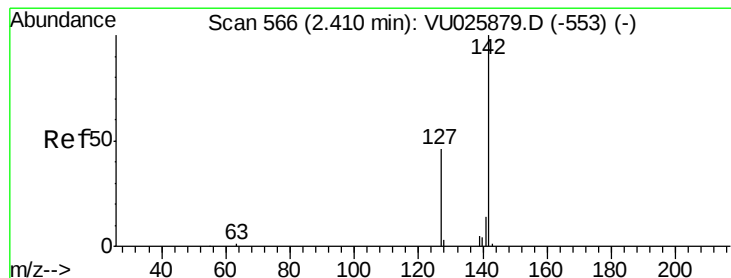
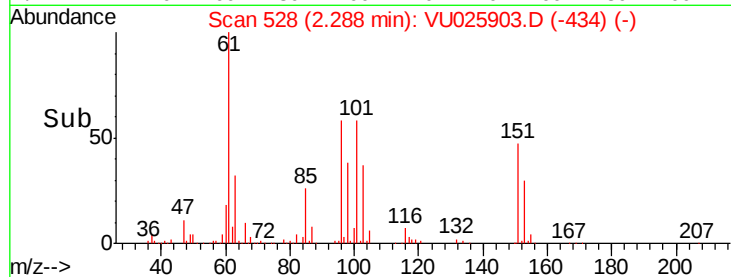
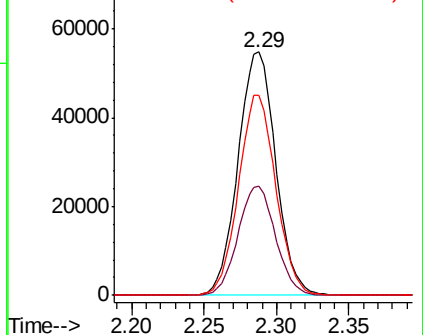
151 81.5 65.6 98.4



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: 38.994 ug/l

RT: 2.41 min Scan# 566

Delta R.T. 0.00 min

Lab File: VU025903.D

Acq: 06 Aug 2018 21:59

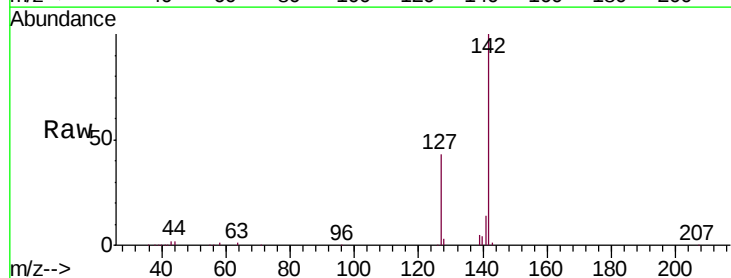
Tgt Ion:142 Resp: 69838

Ion Ratio Lower Upper

142 100

127 44.6 36.5 54.7

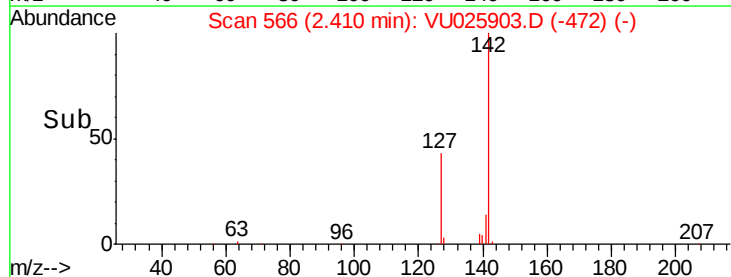
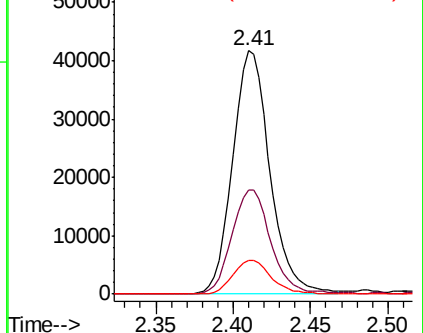
141 14.3 11.4 17.2

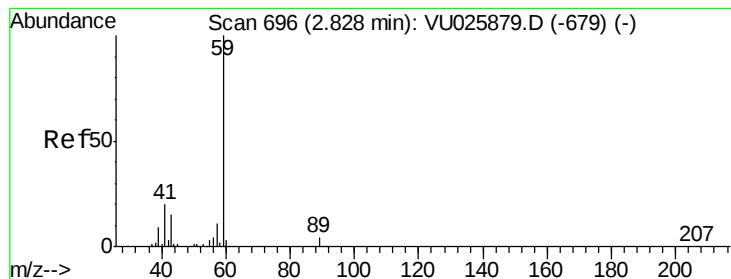


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



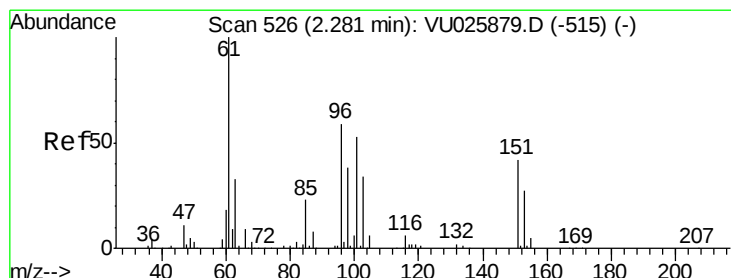
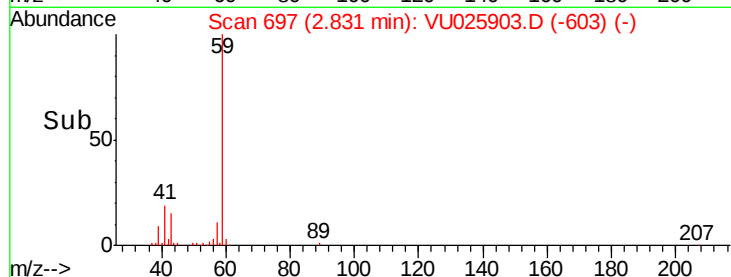
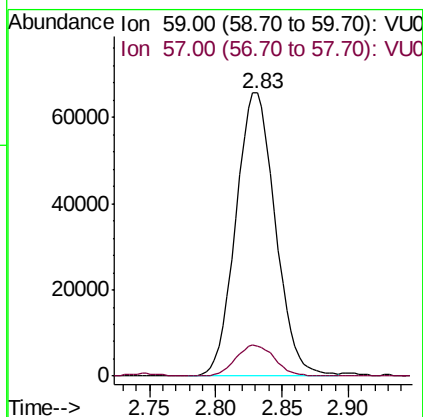
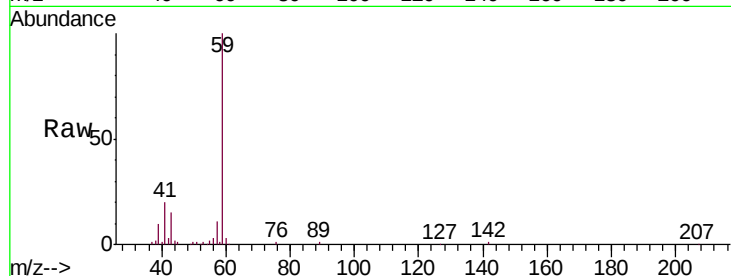


#11

Tert butyl alcohol
 Concen: 222.686 ug/l
 RT: 2.83 min Scan# 697
 Delta R.T. 0.00 min
 Lab File: VU025903.D
 Acq: 06 Aug 2018 21:59

Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0519MS

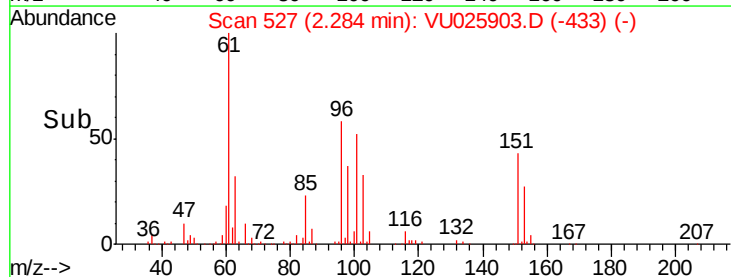
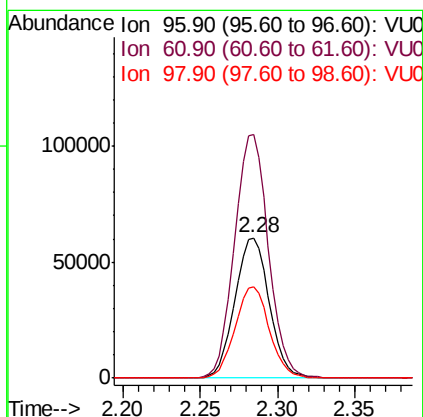
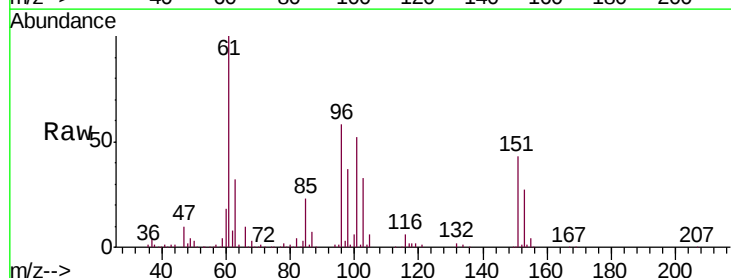
Tgt Ion: 59 Resp: 136214
 Ion Ratio Lower Upper
 59 100
 57 10.9 8.2 12.2

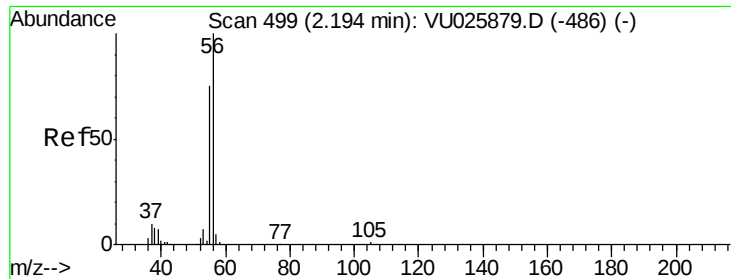


#12

1,1-Dichloroethene
 Concen: 48.446 ug/l
 RT: 2.28 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: VU025903.D
 Acq: 06 Aug 2018 21:59

Tgt Ion: 96 Resp: 93274
 Ion Ratio Lower Upper
 96 100
 61 173.3 140.2 210.4
 98 64.9 49.3 73.9

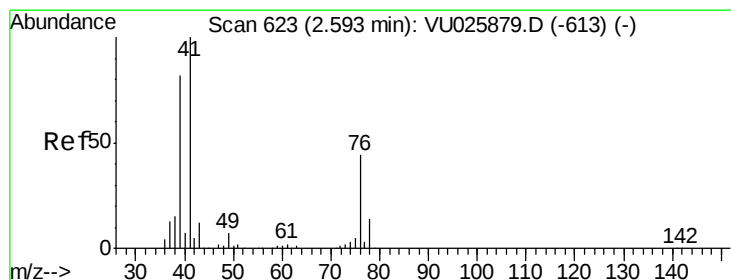
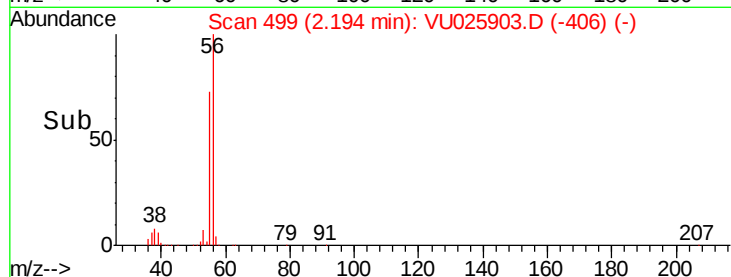
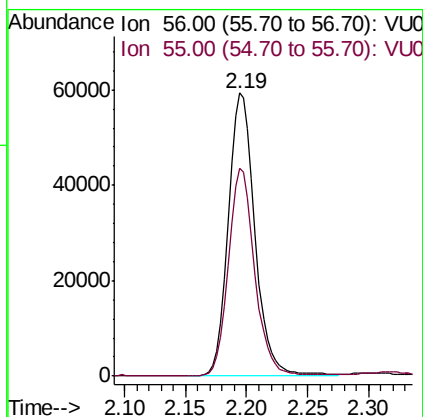
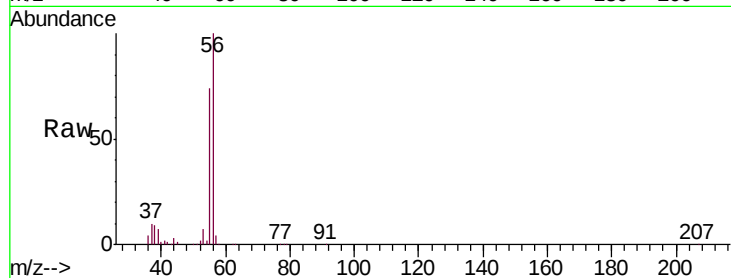




#13
 Acrolein
 Concen: 412.955 ug/l
 RT: 2.19 min Scan# 499
 Delta R.T. 0.00 min
 Lab File: VU025903.D
 Acq: 06 Aug 2018 21:59

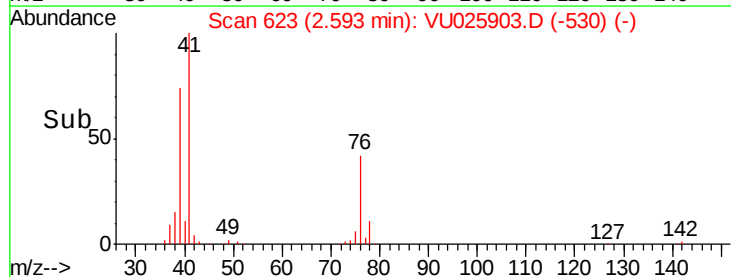
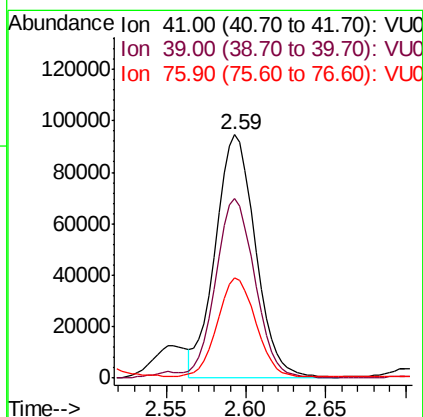
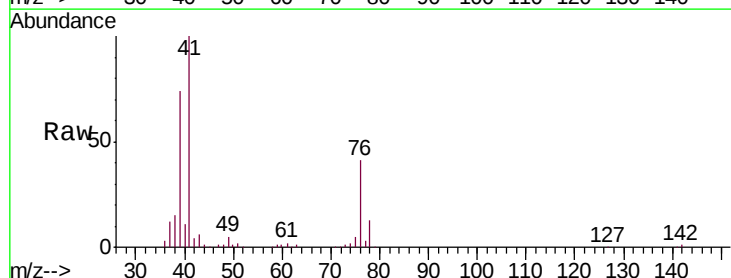
Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0519MS

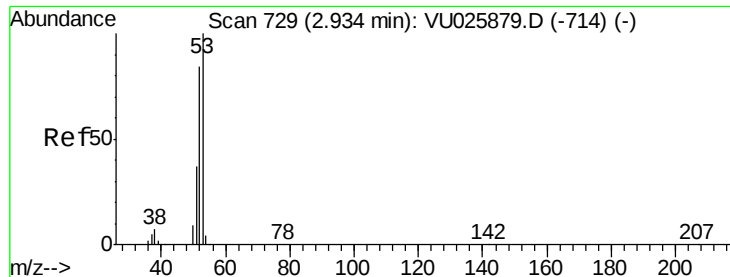
Tgt Ion: 56 Resp: 91186
 Ion Ratio Lower Upper
 56 100
 55 71.6 57.2 85.8



#14
 Allyl chloride
 Concen: 46.567 ug/l
 RT: 2.59 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: VU025903.D
 Acq: 06 Aug 2018 21:59

Tgt Ion: 41 Resp: 161117
 Ion Ratio Lower Upper
 41 100
 39 72.3 60.6 91.0
 76 39.1 30.5 45.7





#15

Acrylonitrile

Concen: 263.371 ug/l

RT: 2.94 min Scan# 730

Delta R.T. 0.00 min

Lab File: VU025903.D

Acq: 06 Aug 2018 21:59

Instrument :

MSVOA_U

ClientSampleId :

FL-0519MS

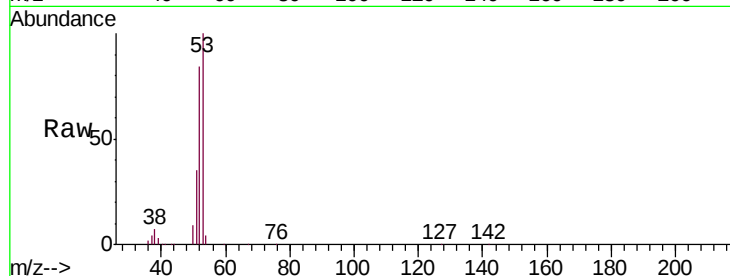
Tgt Ion: 53 Resp: 321650

Ion Ratio Lower Upper

53 100

52 82.6 66.6 99.8

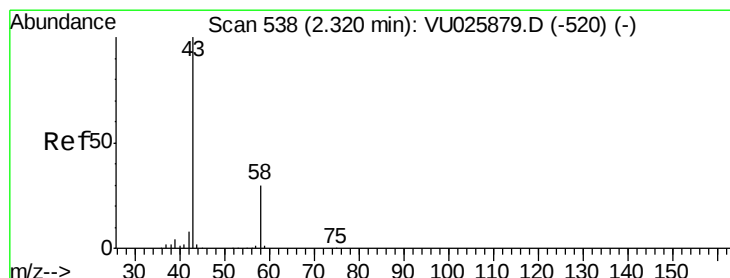
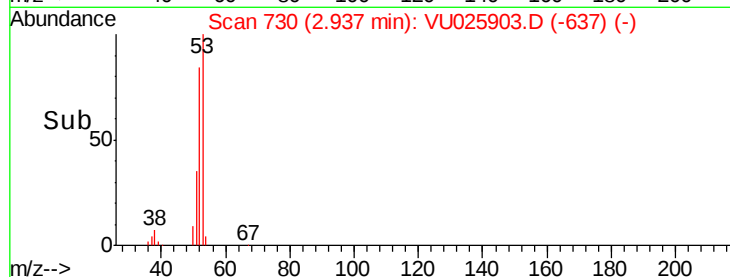
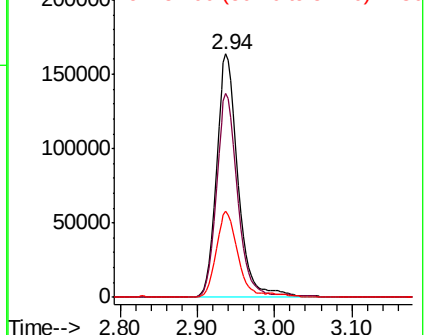
51 34.9 29.4 44.2



Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0



#16

Acetone

Concen: 266.978 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025903.D

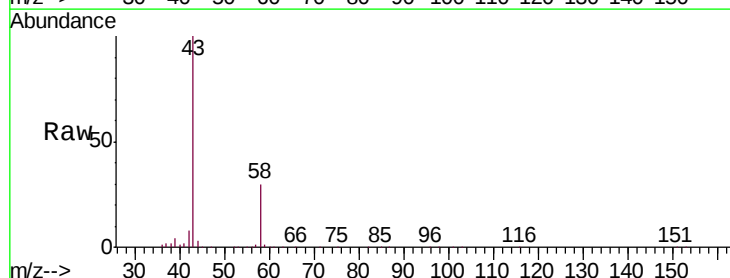
Acq: 06 Aug 2018 21:59

Tgt Ion: 43 Resp: 363658

Ion Ratio Lower Upper

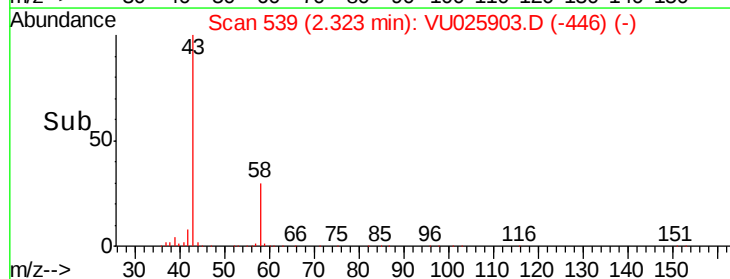
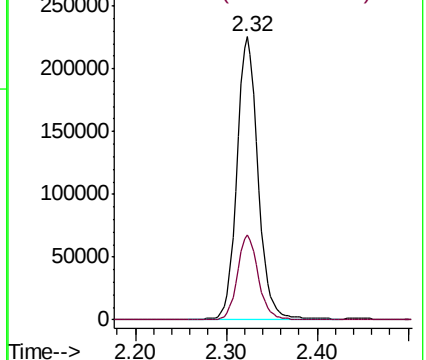
43 100

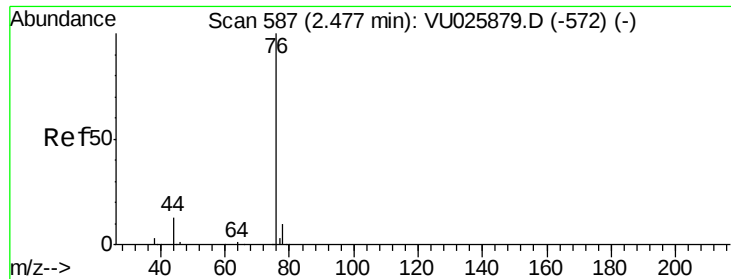
58 30.0 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

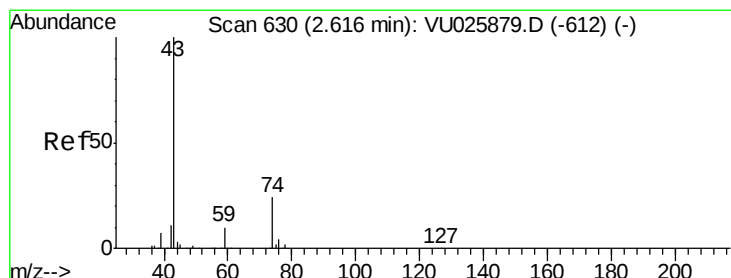
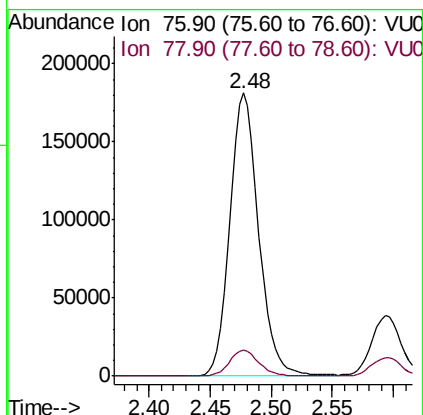
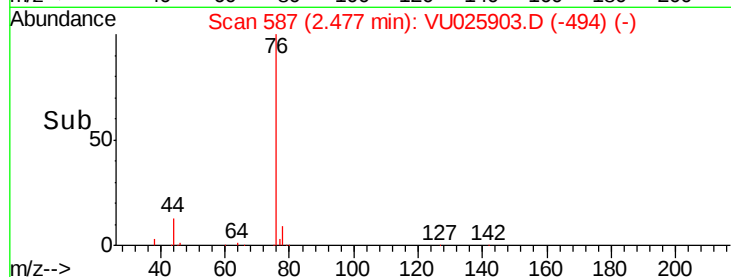
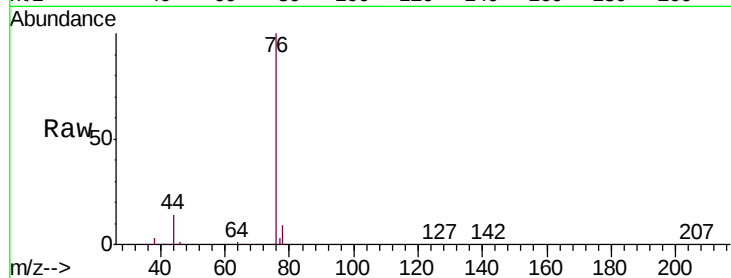




#17
Carbon Disulfide
Concen: 47.967 ug/l
RT: 2.48 min Scan# 587
Delta R.T. 0.00 min
Lab File: VU025903.D
Acq: 06 Aug 2018 21:59

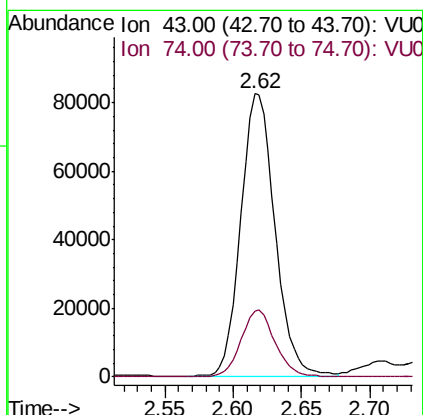
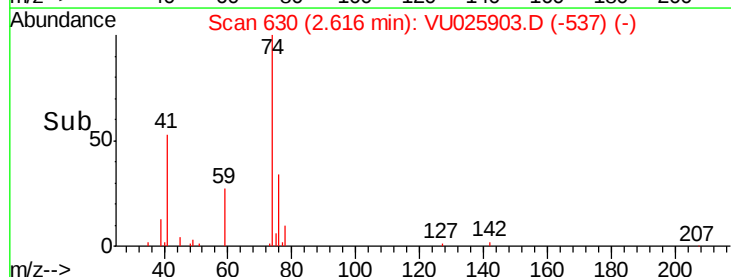
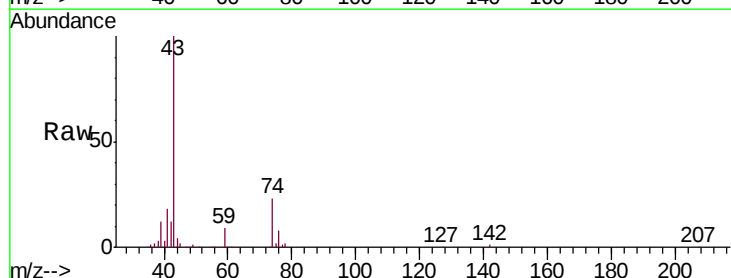
Instrument :
MSVOA_U
ClientSampleId :
FL-0519MS

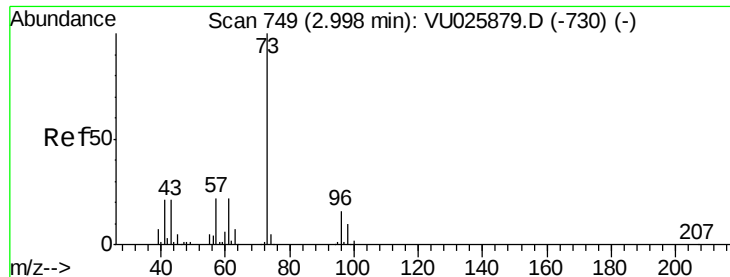
Tgt Ion: 76 Resp: 298884
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2



#18
Methyl Acetate
Concen: 43.696 ug/l
RT: 2.62 min Scan# 630
Delta R.T. 0.00 min
Lab File: VU025903.D
Acq: 06 Aug 2018 21:59

Tgt Ion: 43 Resp: 143256
Ion Ratio Lower Upper
43 100
74 23.7 18.5 27.7

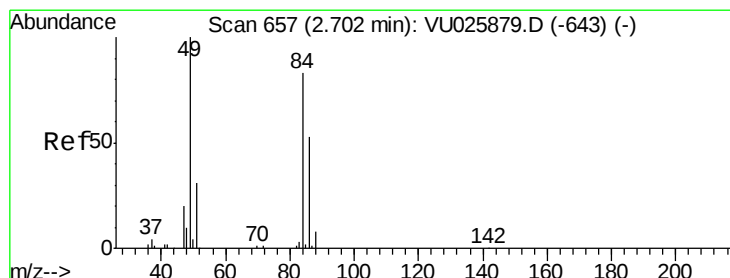
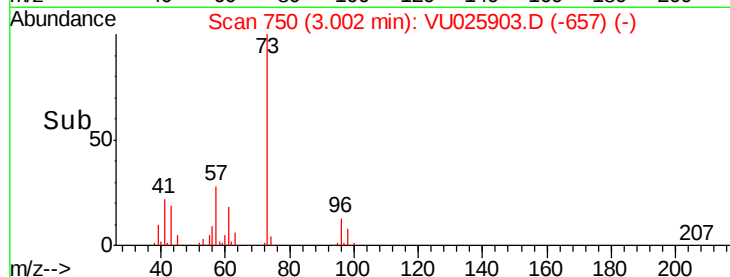
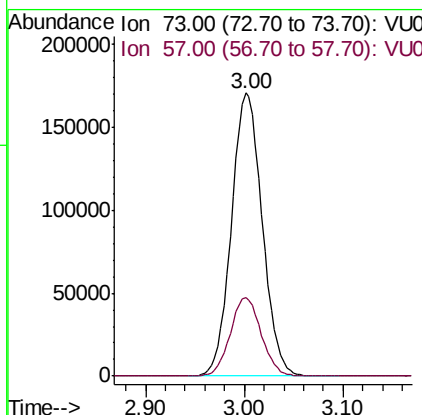
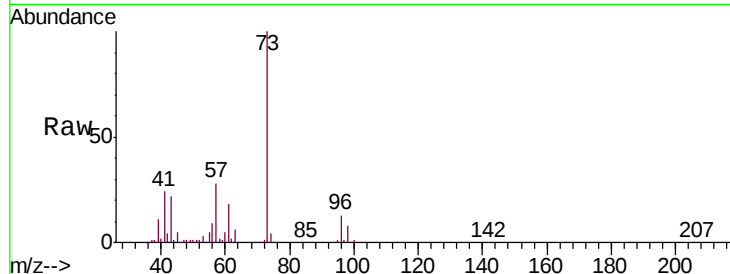




#19
Methyl tert-butyl Ether
Concen: 53.129 ug/l
RT: 3.00 min Scan# 750
Delta R.T. 0.00 min
Lab File: VU025903.D
Acq: 06 Aug 2018 21:59

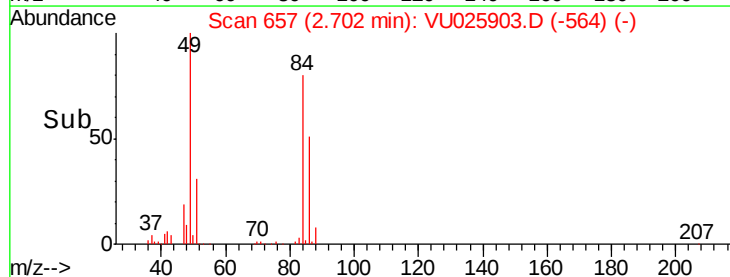
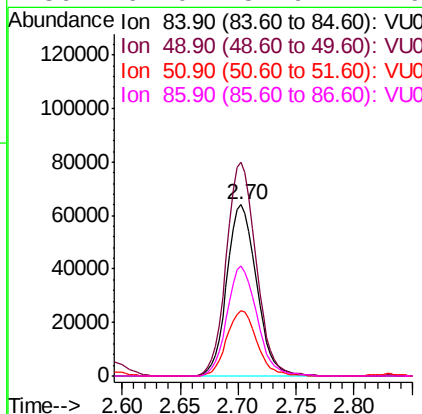
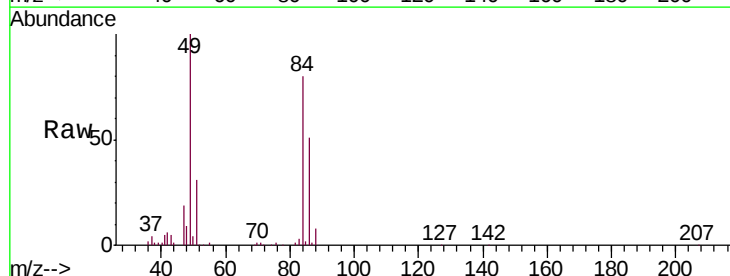
Instrument :
MSVOA_U
ClientSampleId :
FL-0519MS

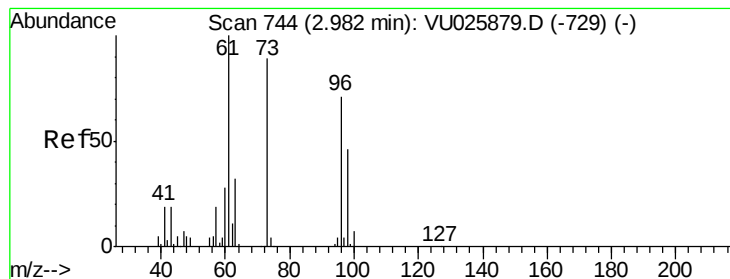
Tgt Ion: 73 Resp: 370677
Ion Ratio Lower Upper
73 100
57 27.7 17.4 26.2#



#20
Methylene Chloride
Concen: 47.289 ug/l
RT: 2.70 min Scan# 657
Delta R.T. 0.00 min
Lab File: VU025903.D
Acq: 06 Aug 2018 21:59

Tgt Ion: 84 Resp: 114156
Ion Ratio Lower Upper
84 100
49 124.6 101.8 152.6
51 38.1 30.8 46.2
86 64.0 51.9 77.9





#21

trans-1,2-Dichloroethene

Concen: 49.538 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU025903.D

Acq: 06 Aug 2018 21:59

Instrument :

MSVOA_U

ClientSampleId :

FL-0519MS

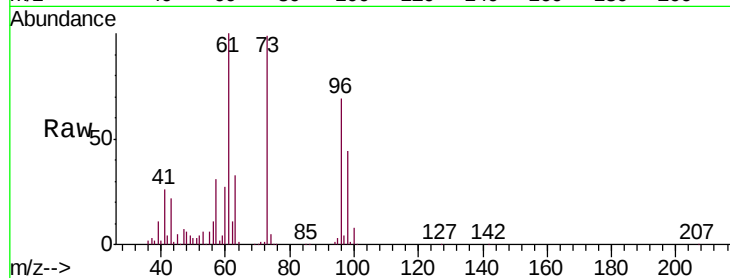
Tgt Ion: 96 Resp: 110252

Ion Ratio Lower Upper

96 100

61 143.9 114.5 171.7

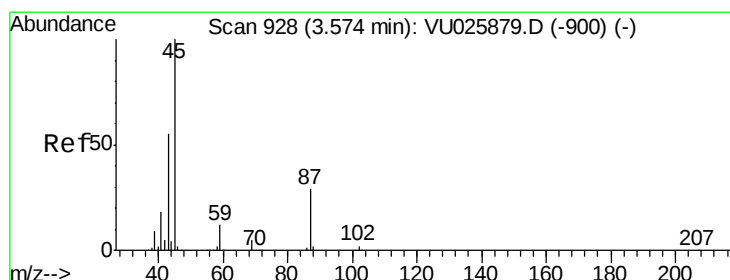
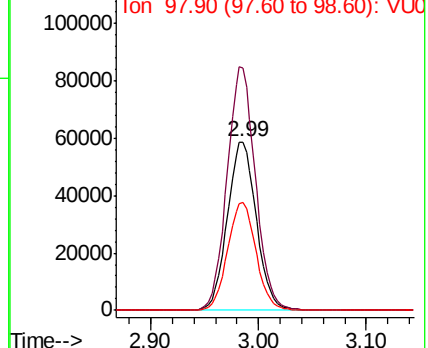
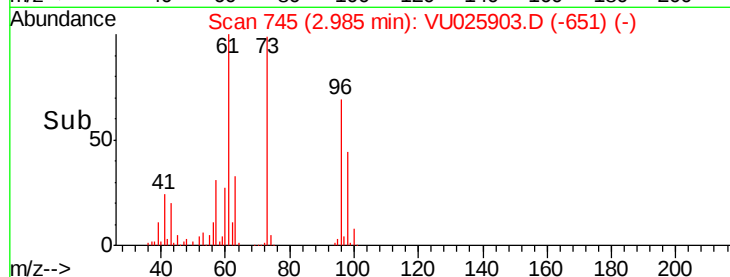
98 63.9 50.5 75.7



Abundance Ion 95.90 (95.60 to 96.60): VU025903.D (-651) (-)

Ion 60.90 (60.60 to 61.60): VU025903.D (-651) (-)

Ion 97.90 (97.60 to 98.60): VU025903.D (-651) (-)



#22

Diisopropyl ether

Concen: 52.586 ug/l

RT: 3.58 min Scan# 929

Delta R.T. 0.00 min

Lab File: VU025903.D

Acq: 06 Aug 2018 21:59

Tgt Ion: 45 Resp: 358533

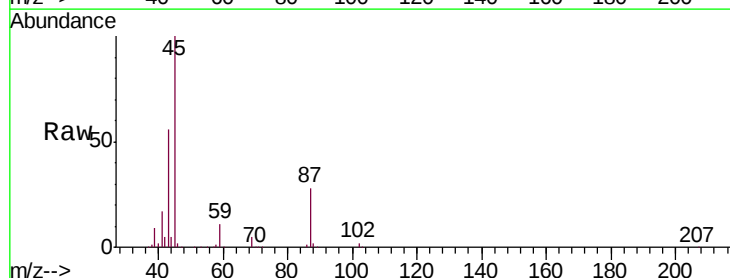
Ion Ratio Lower Upper

45 100

43 55.5 50.9 76.3

87 28.0 23.8 35.8

59 11.5 9.0 13.4

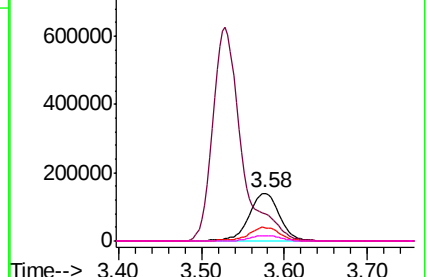
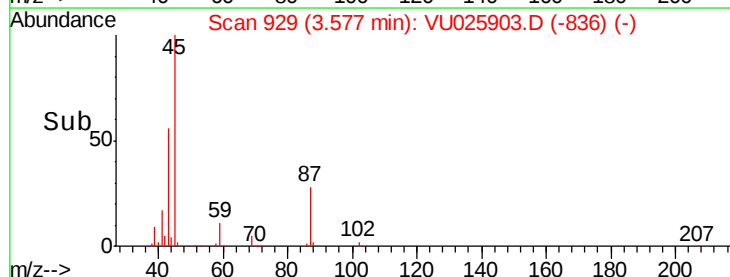


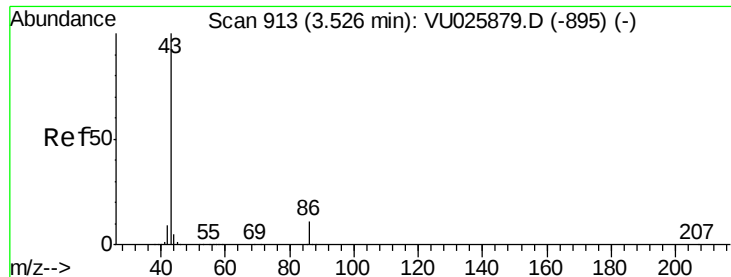
Abundance Ion 45.00 (44.70 to 45.70): VU025903.D (-836) (-)

Ion 43.00 (42.70 to 43.70): VU025903.D (-836) (-)

Ion 87.00 (86.70 to 87.70): VU025903.D (-836) (-)

Ion 59.00 (58.70 to 59.70): VU025903.D (-836) (-)





#23

Vinyl Acetate

Concen: 253.624 ug/l

RT: 3.53 min Scan# 914

Delta R.T. 0.00 min

Lab File: VU025903.D

Acq: 06 Aug 2018 21:59

Instrument :

MSVOA_U

ClientSampleId :

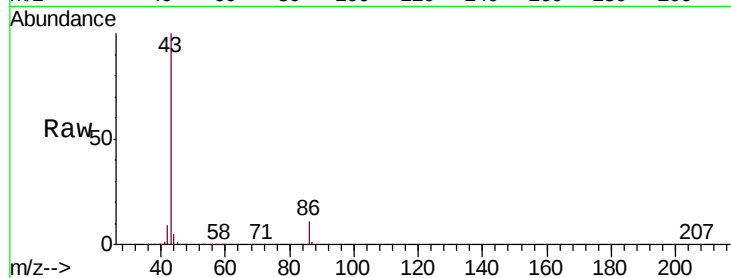
FL-0519MS

Tgt Ion: 43 Resp: 1506976

Ion Ratio Lower Upper

43 100

86 10.5 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VU025879.D (-895) (-)

Ion 86.00 (85.70 to 86.70): VU025879.D (-895) (-)

3.53

600000

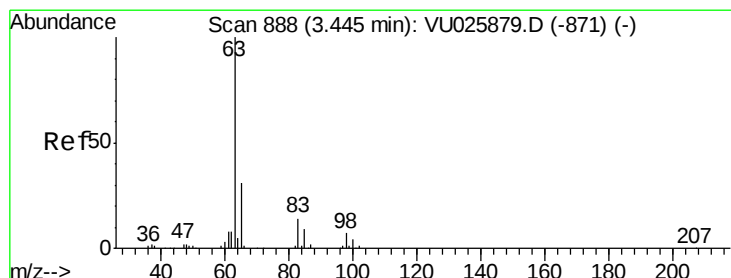
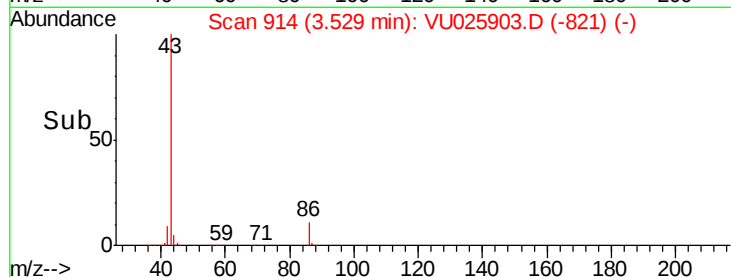
400000

200000

0

3.40 3.50 3.60 3.70

Time-->



#24

1,1-Dichloroethane

Concen: 50.725 ug/l

RT: 3.45 min Scan# 889

Delta R.T. 0.00 min

Lab File: VU025903.D

Acq: 06 Aug 2018 21:59

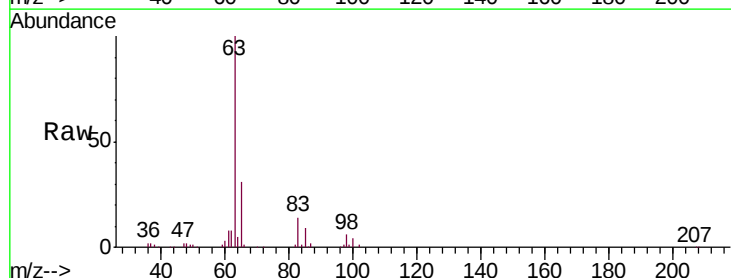
Tgt Ion: 63 Resp: 207606

Ion Ratio Lower Upper

63 100

98 6.4 3.4 10.1

100 3.8 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VU025879.D (-871) (-)

Ion 97.90 (97.60 to 98.60): VU025879.D (-871) (-)

Ion 99.90 (99.60 to 100.60): VU025879.D (-871) (-)

3.45

120000

100000

80000

60000

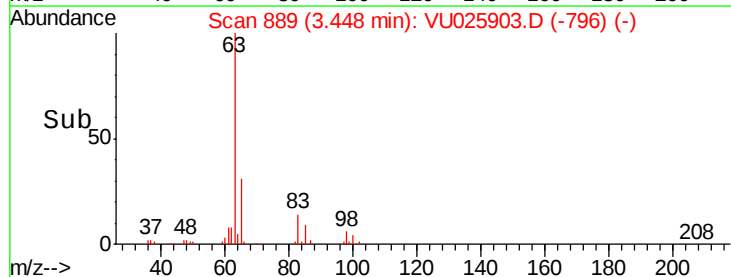
40000

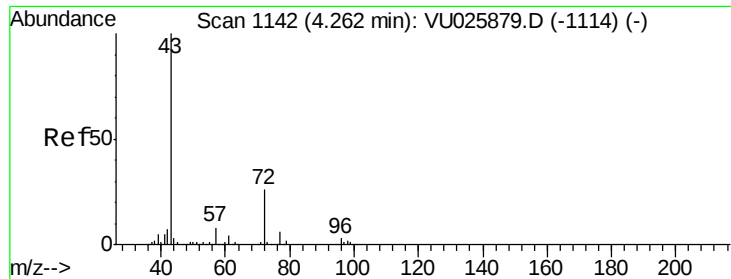
20000

0

3.40 3.50

Time-->

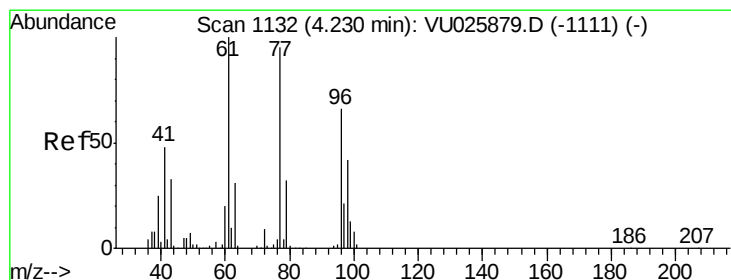
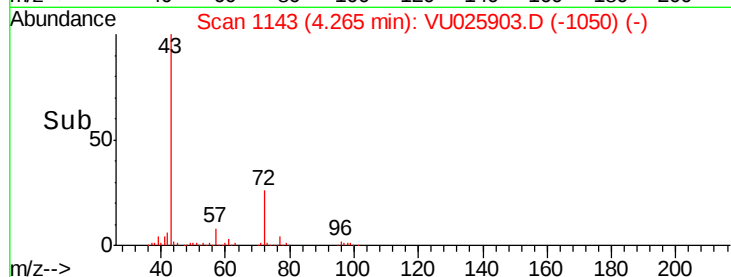
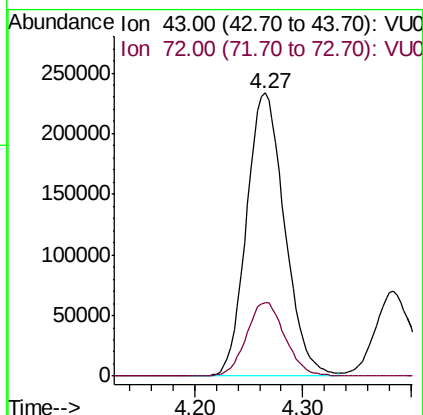
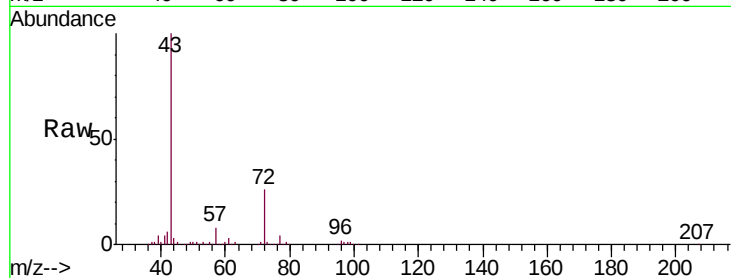




#25
2-Butanone
Concen: 308.493 ug/l
RT: 4.27 min Scan# 1143
Delta R.T. 0.00 min
Lab File: VU025903.D
Acq: 06 Aug 2018 21:59

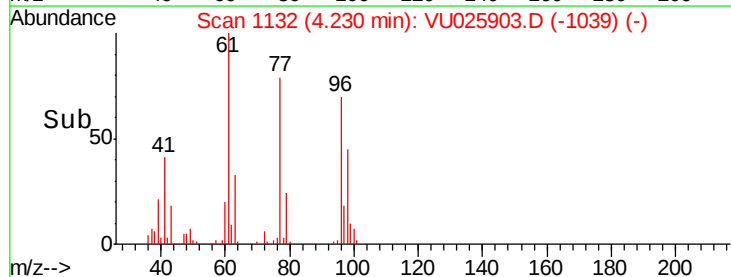
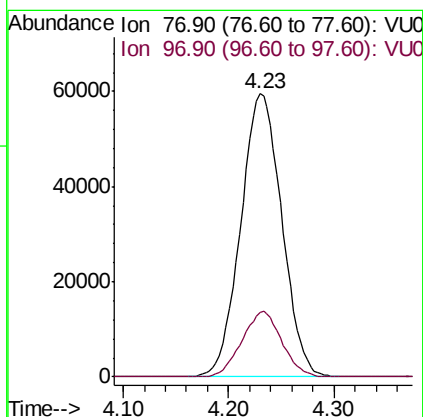
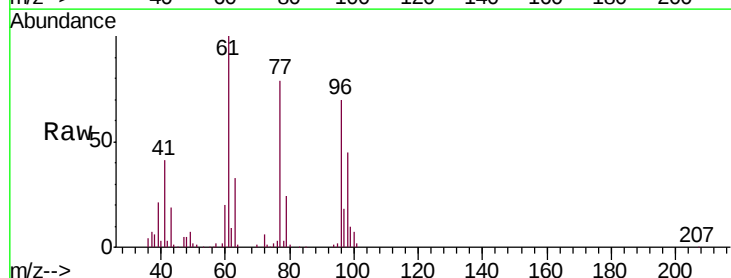
Instrument :
MSVOA_U
ClientSampleId :
FL-0519MS

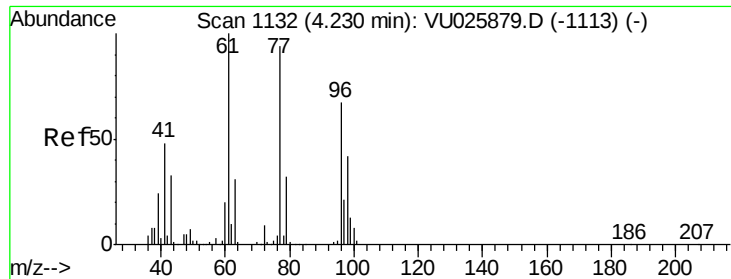
Tgt Ion: 43 Resp: 572019
Ion Ratio Lower Upper
43 100
72 26.2 21.0 31.4



#26
2,2-Dichloropropane
Concen: 43.310 ug/l
RT: 4.23 min Scan# 1132
Delta R.T. 0.00 min
Lab File: VU025903.D
Acq: 06 Aug 2018 21:59

Tgt Ion: 77 Resp: 161115
Ion Ratio Lower Upper
77 100
97 22.5 11.2 33.5

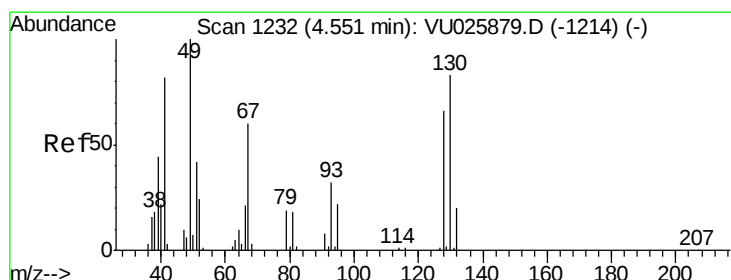
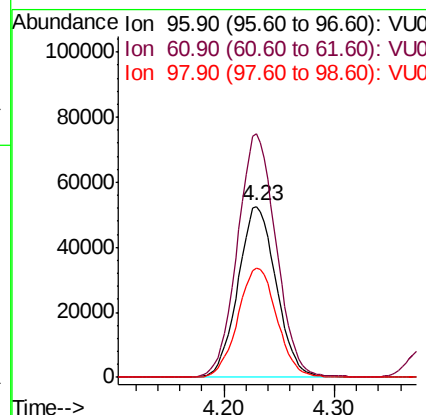
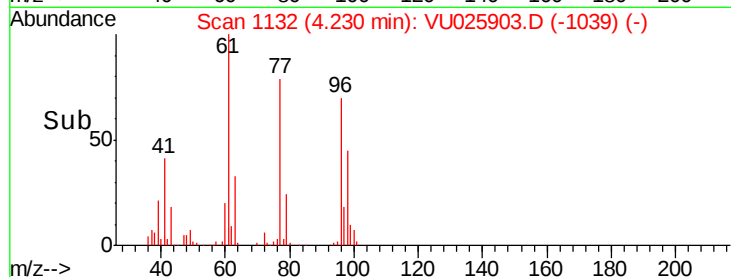
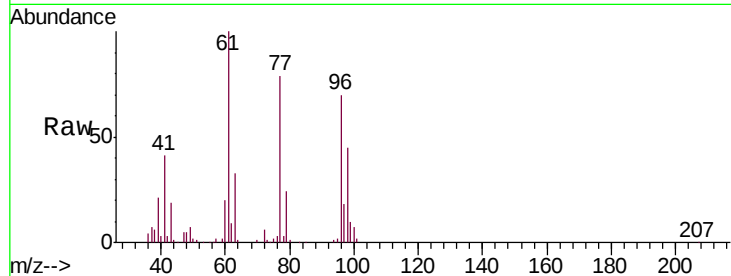




#27
 cis-1,2-Dichloroethene
 Concen: 50.358 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: VU025903.D
 Acq: 06 Aug 2018 21:59

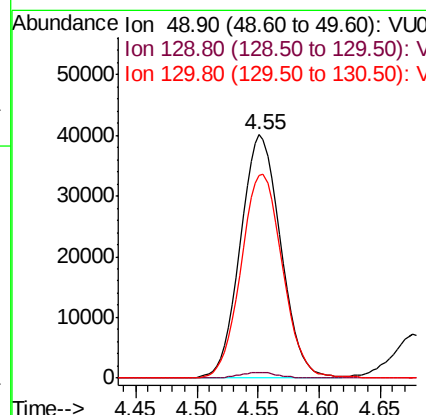
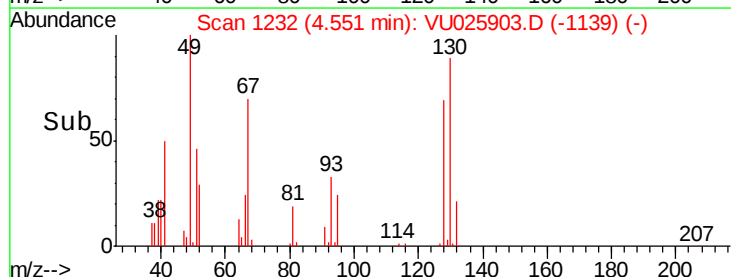
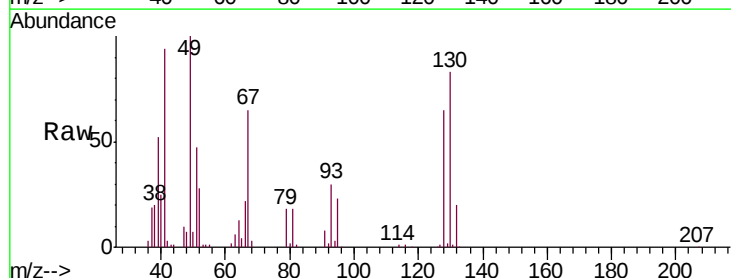
Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0519MS

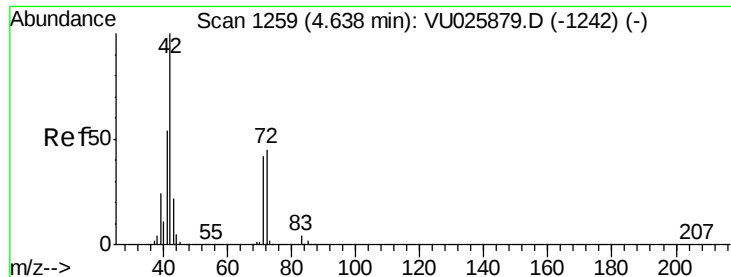
Tgt Ion	Ratio	Lower	Upper
96	100		
61	144.3	0.0	299.8
98	65.1	0.0	128.6



#28
 Bromochloromethane
 Concen: 50.179 ug/l
 RT: 4.55 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: VU025903.D
 Acq: 06 Aug 2018 21:59

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.6
130	86.1	68.6	102.8

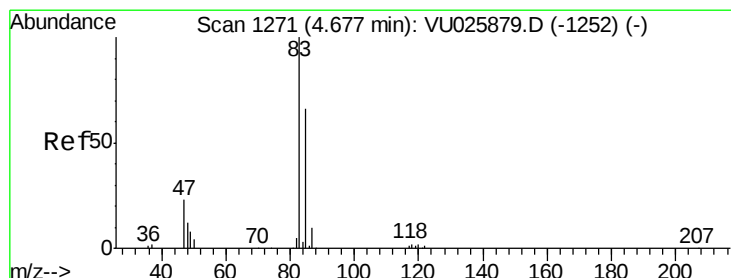
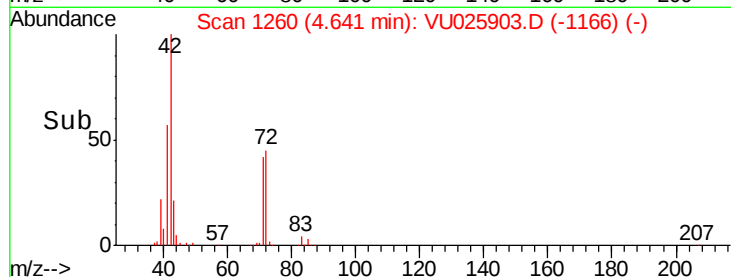
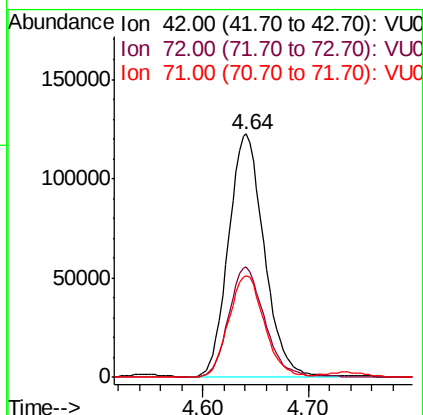
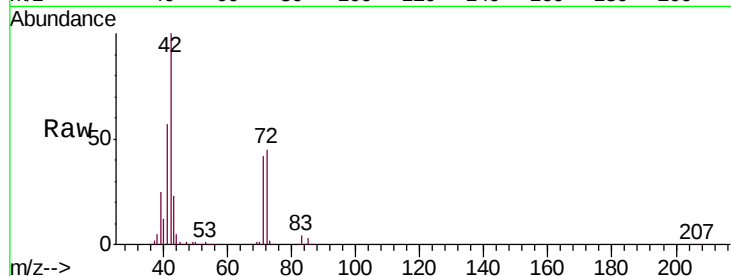




#29
Tetrahydrofuran
Concen: 258.134 ug/l
RT: 4.64 min Scan# 1260
Delta R.T. 0.00 min
Lab File: VU025903.D
Acq: 06 Aug 2018 21:59

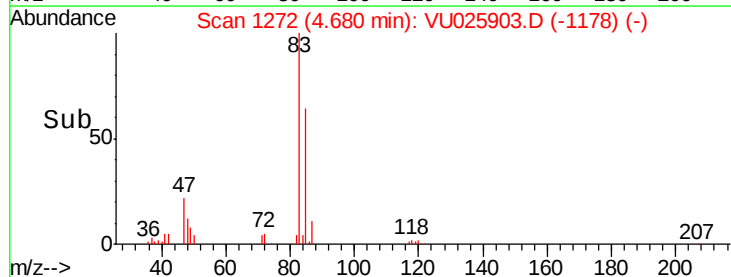
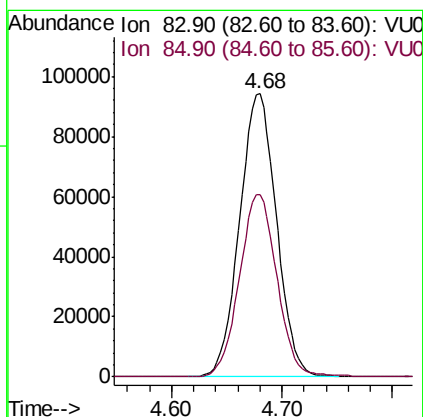
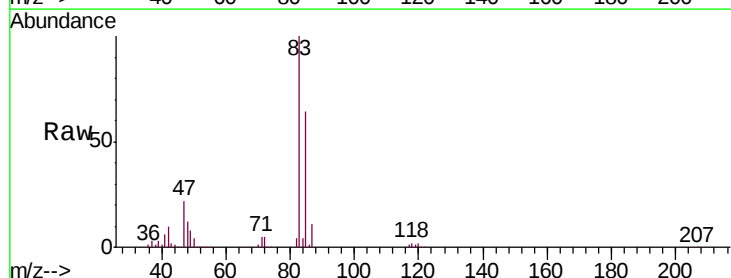
Instrument :
MSVOA_U
ClientSampleId :
FL-0519MS

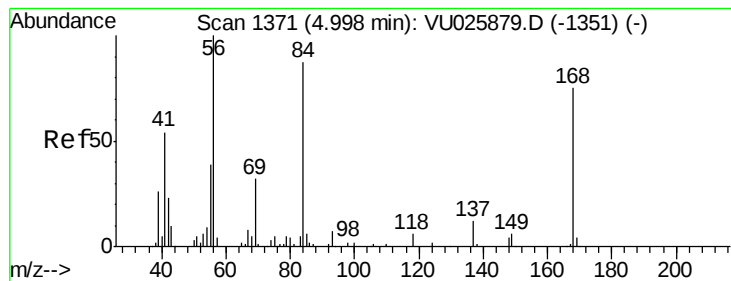
Tgt Ion: 42 Resp: 286760
Ion Ratio Lower Upper
42 100
72 45.6 36.7 55.1
71 42.0 33.9 50.9



#30
Chloroform
Concen: 50.626 ug/l
RT: 4.68 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VU025903.D
Acq: 06 Aug 2018 21:59

Tgt Ion: 83 Resp: 218709
Ion Ratio Lower Upper
83 100
85 64.5 51.5 77.3





#31

Cyclohexane

Concen: 52.366 ug/l

RT: 5.00 min Scan# 1372

Delta R.T. 0.00 min

Lab File: VU025903.D

Acq: 06 Aug 2018 21:59

Instrument :

MSVOA_U

ClientSampleId :

FL-0519MS

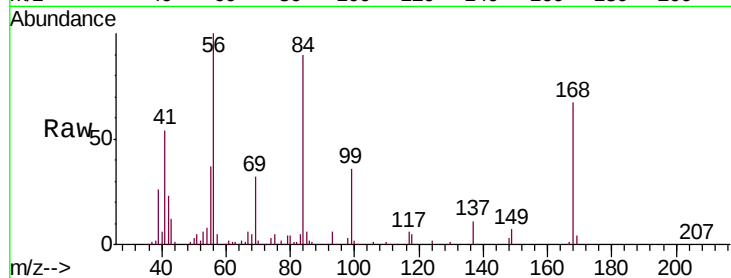
Tgt Ion: 56 Resp: 186203

Ion Ratio Lower Upper

56 100

69 31.8 26.8 40.2

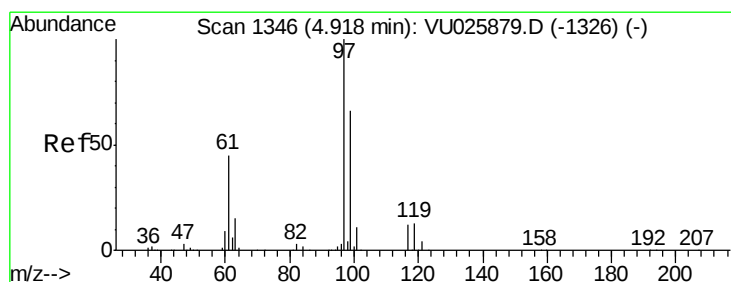
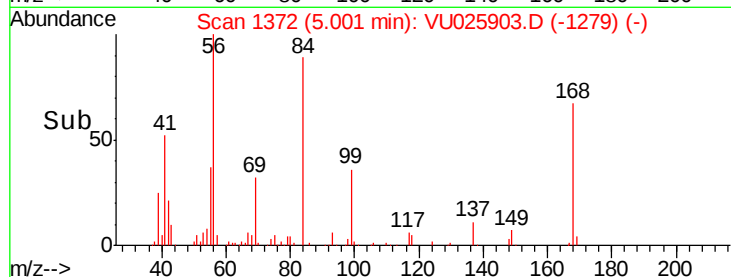
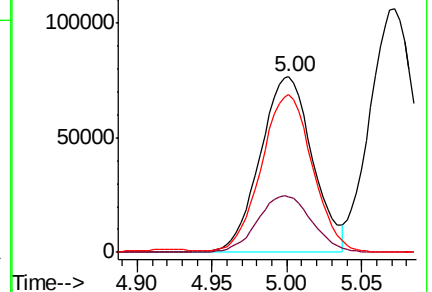
84 88.7 69.7 104.5



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: 51.019 ug/l

RT: 4.92 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VU025903.D

Acq: 06 Aug 2018 21:59

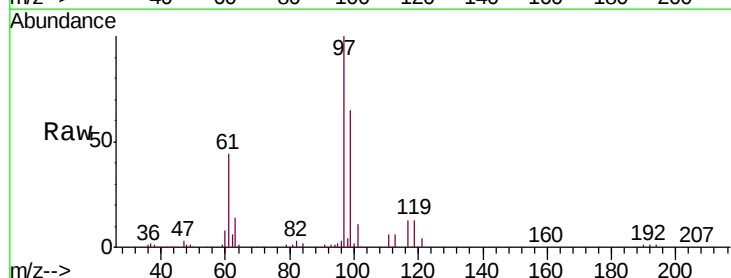
Tgt Ion: 97 Resp: 198435

Ion Ratio Lower Upper

97 100

99 64.7 50.8 76.2

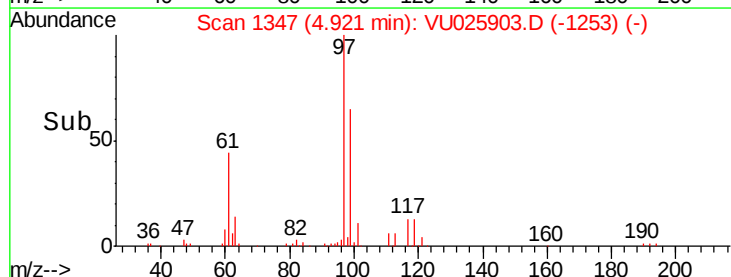
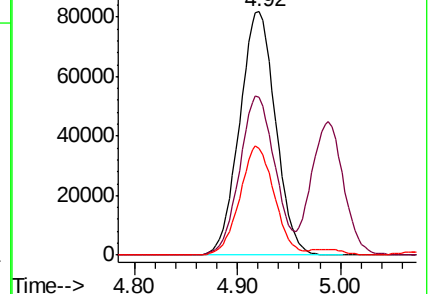
61 43.1 35.2 52.8

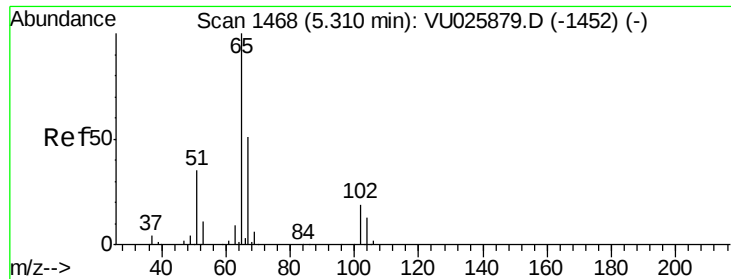


Abundance Ion 96.90 (96.60 to 97.60): VU0

Ion 98.90 (98.60 to 99.60): VU0

Ion 60.90 (60.60 to 61.60): VU0





#33

1,2-Dichloroethane-d4

Concen: 51.031 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU025903.D

Acq: 06 Aug 2018 21:59

Instrument :

MSVOA_U

ClientSampleId :

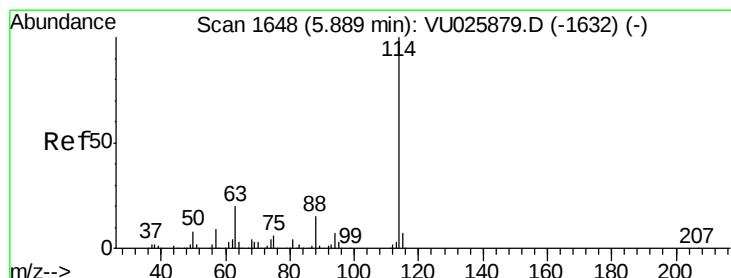
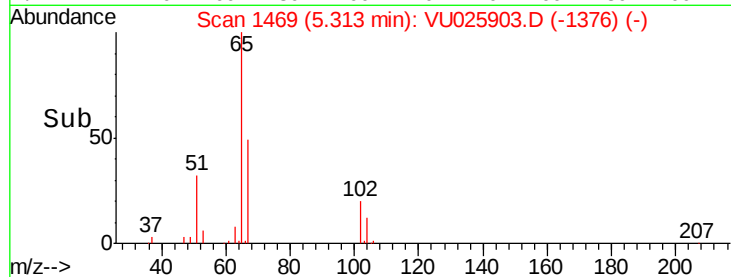
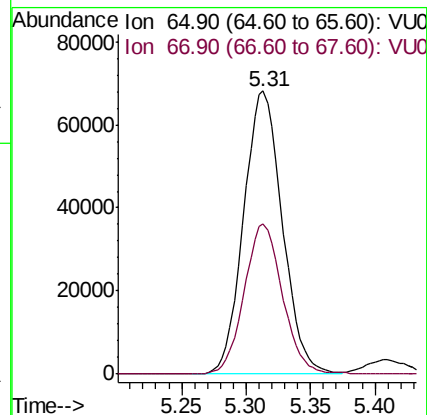
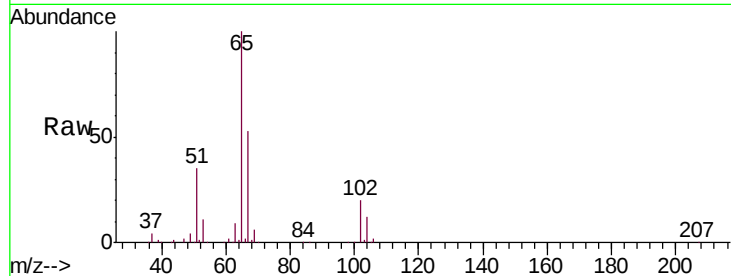
FL-0519MS

Tgt Ion: 65 Resp: 142575

Ion Ratio Lower Upper

65 100

67 52.4 0.0 103.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1648

Delta R.T. 0.00 min

Lab File: VU025903.D

Acq: 06 Aug 2018 21:59

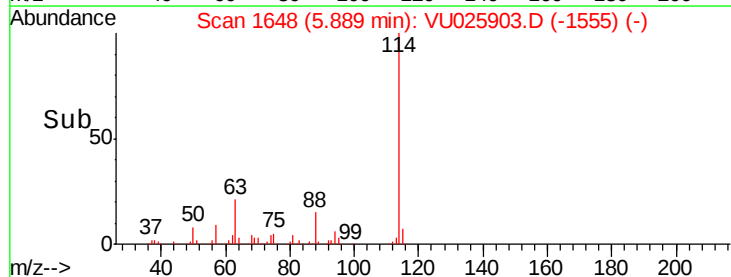
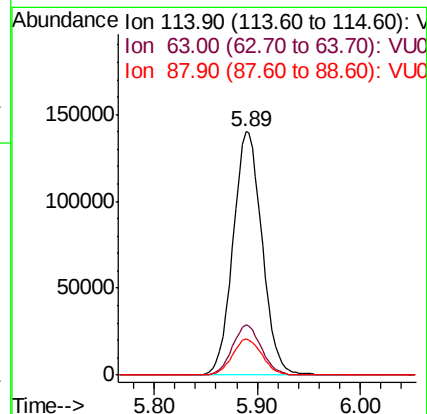
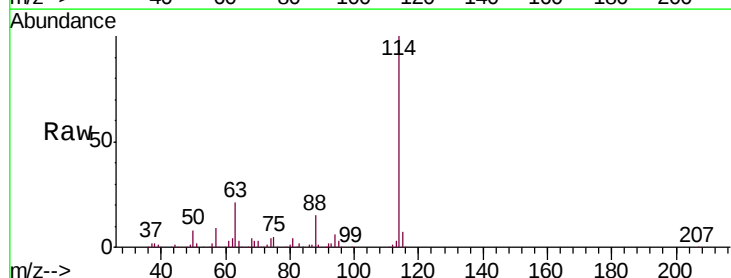
Tgt Ion: 114 Resp: 274402

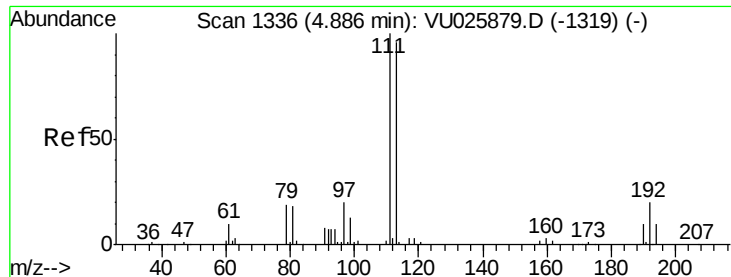
Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.6

88 15.0 0.0 32.4

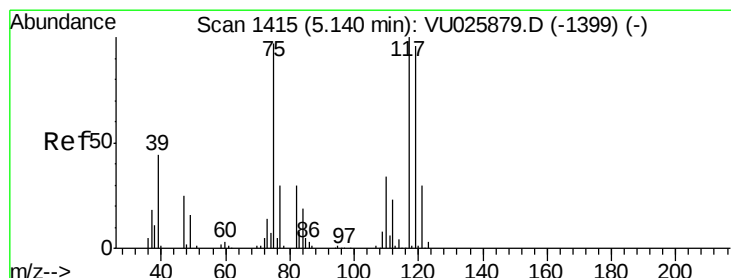
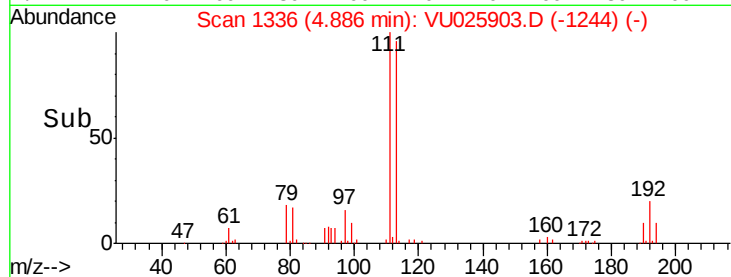
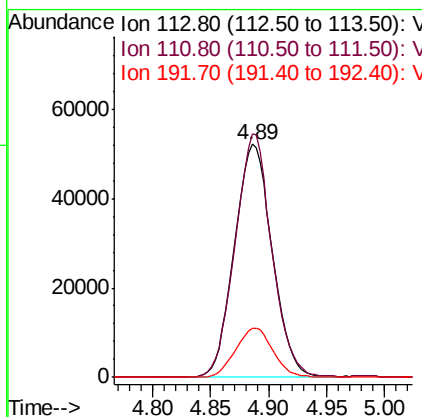
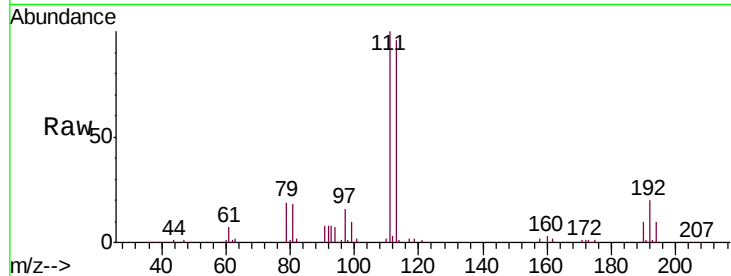




#35
 Dibromofluoromethane
 Concen: 49.611 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: VU025903.D
 Acq: 06 Aug 2018 21:59

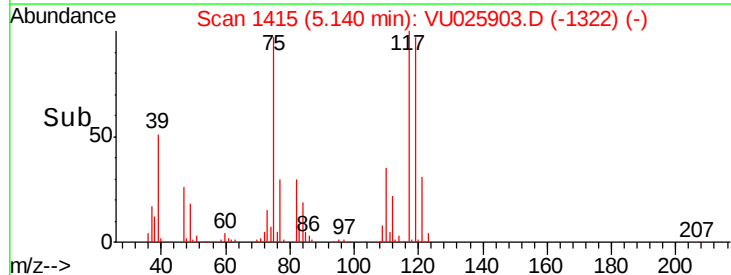
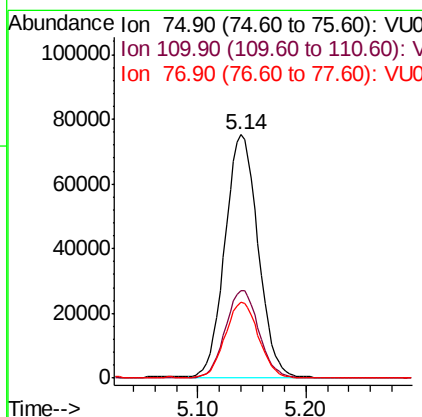
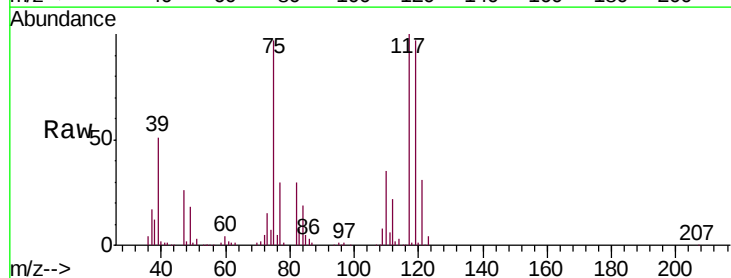
Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0519MS

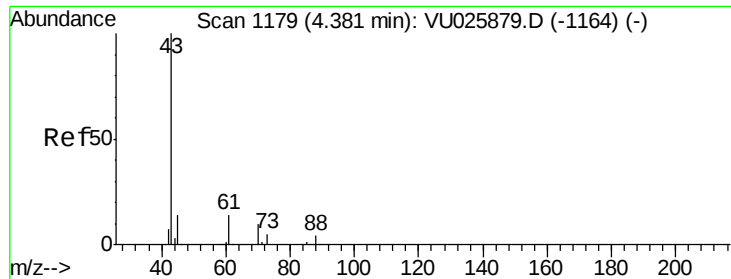
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.1	81.7	122.5
192	20.8	17.1	25.7



#36
 1,1-Dichloropropene
 Concen: 50.217 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: VU025903.D
 Acq: 06 Aug 2018 21:59

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.3	17.6	52.9
77	30.9	24.4	36.6

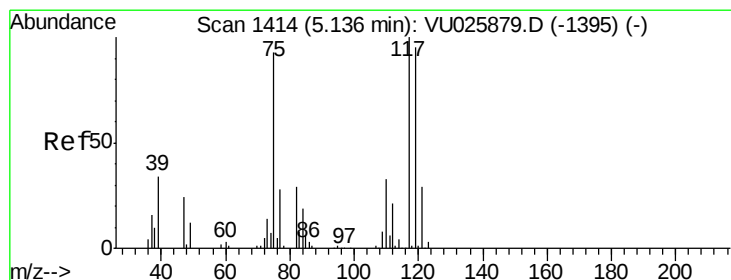
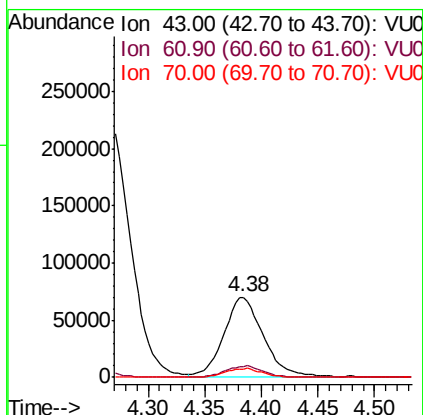
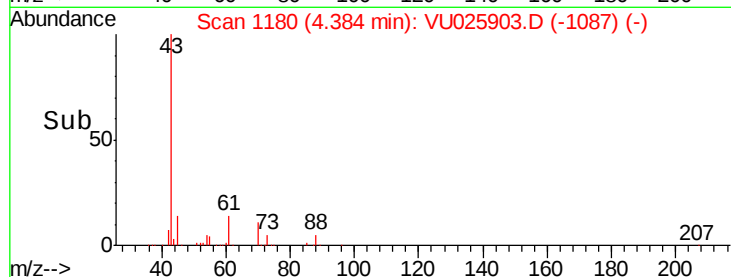
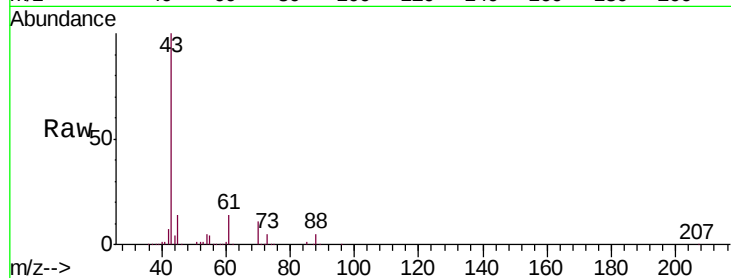




#37
 Ethyl Acetate
 Concen: 49.968 ug/l
 RT: 4.38 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VU025903.D
 Acq: 06 Aug 2018 21:59

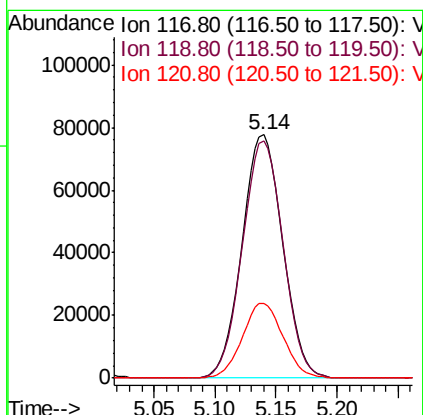
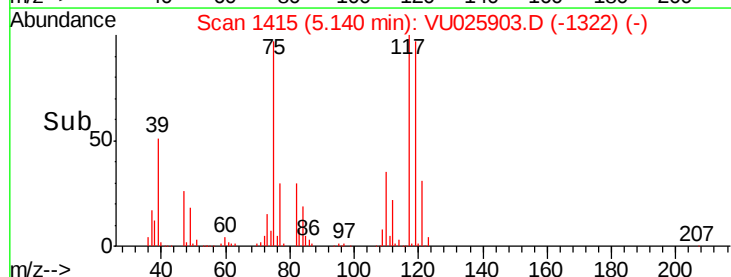
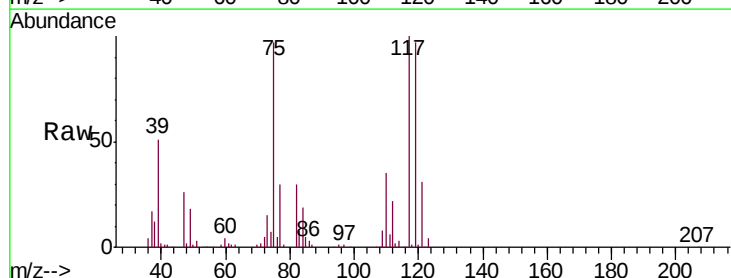
Instrument :
 MSVOA_U
 ClientSampled :
 FL-0519MS

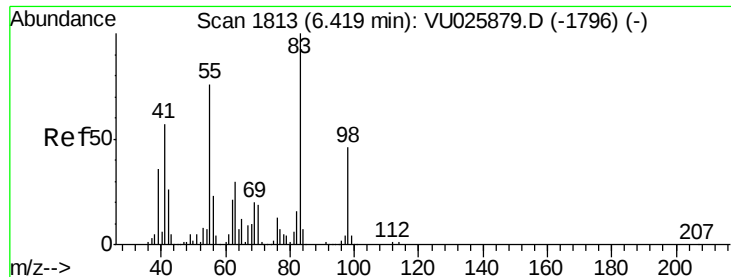
Tgt Ion: 43 Resp: 166151
 Ion Ratio Lower Upper
 43 100
 61 14.0 10.7 16.1
 70 10.6 8.4 12.6



#38
 Carbon Tetrachloride
 Concen: 49.332 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: VU025903.D
 Acq: 06 Aug 2018 21:59

Tgt Ion: 117 Resp: 179185
 Ion Ratio Lower Upper
 117 100
 119 97.3 75.7 113.5
 121 30.9 24.6 36.8

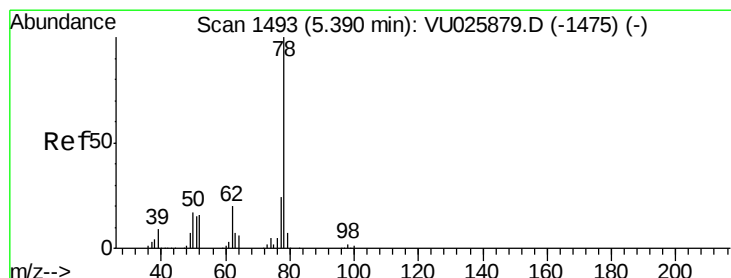
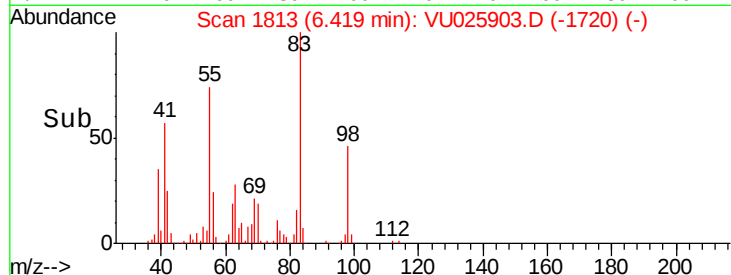
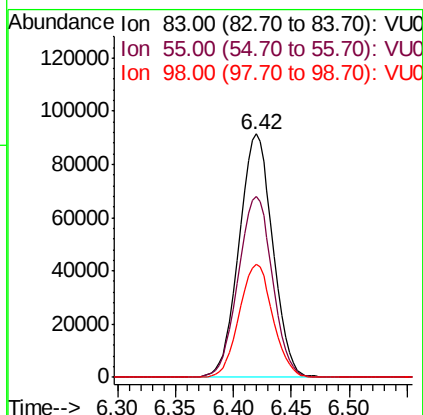
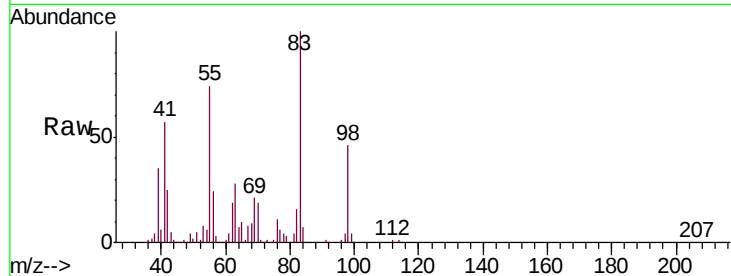




#39
Methylcyclohexane
Concen: 50.250 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU025903.D
Acq: 06 Aug 2018 21:59

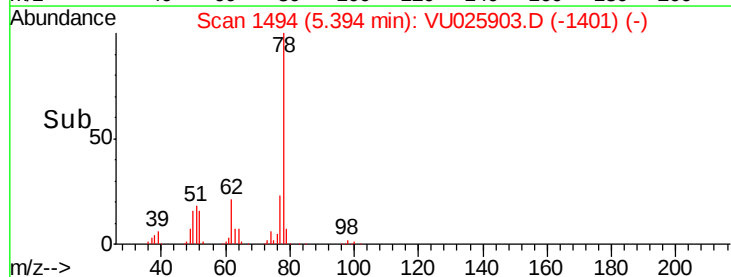
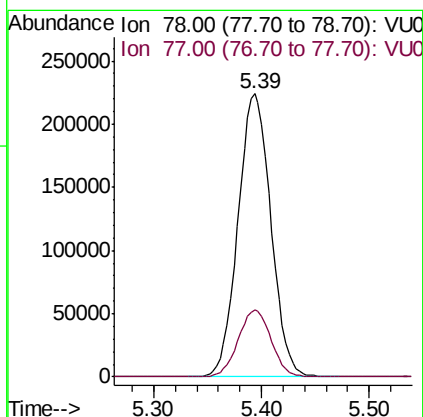
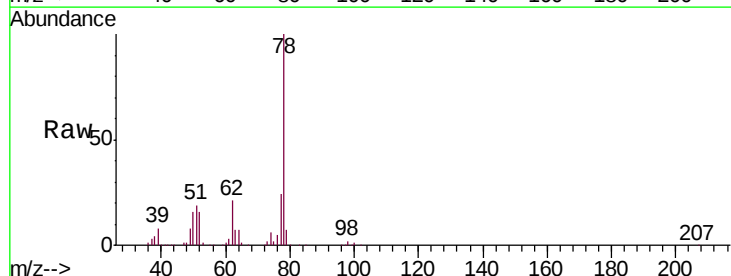
Instrument :
MSVOA_U
ClientSampleId :
FL-0519MS

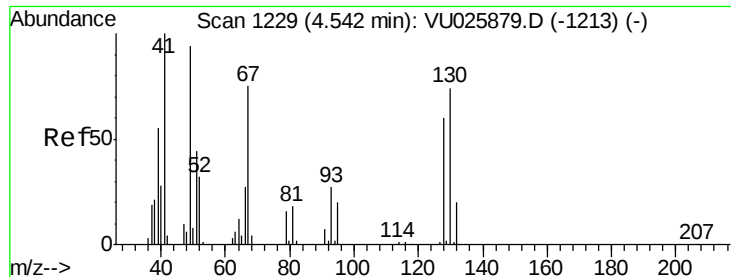
Tgt Ion: 83 Resp: 184636
Ion Ratio Lower Upper
83 100
55 74.1 60.0 90.0
98 46.2 36.1 54.1



#40
Benzene
Concen: 50.644 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU025903.D
Acq: 06 Aug 2018 21:59

Tgt Ion: 78 Resp: 474727
Ion Ratio Lower Upper
78 100
77 23.6 19.8 29.6

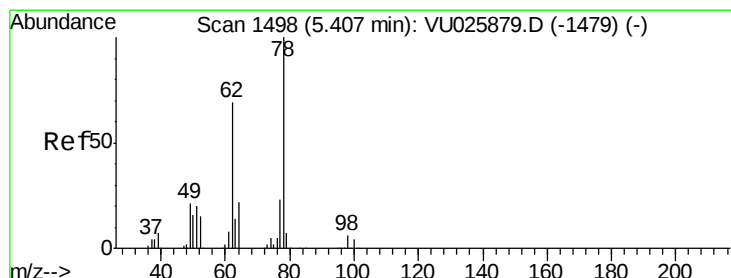
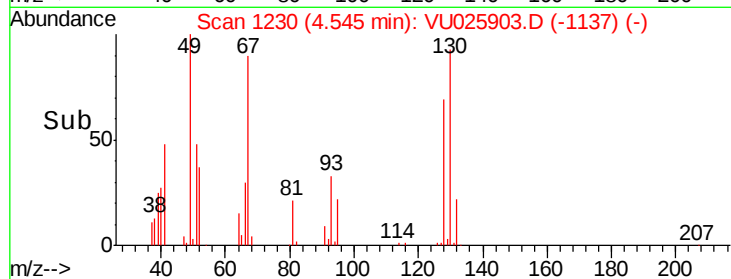
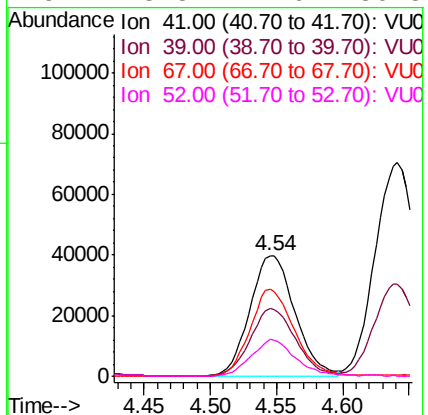
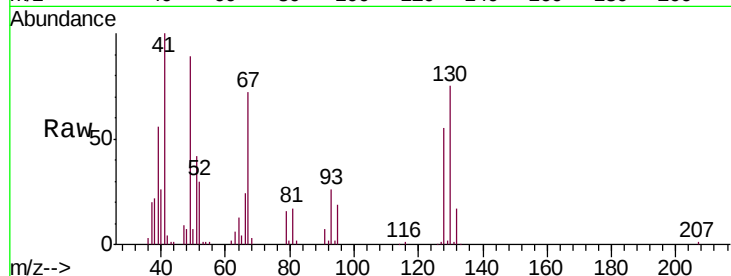




#41
Methacrylonitrile
Concen: 50.892 ug/l
RT: 4.54 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VU025903.D
Acq: 06 Aug 2018 21:59

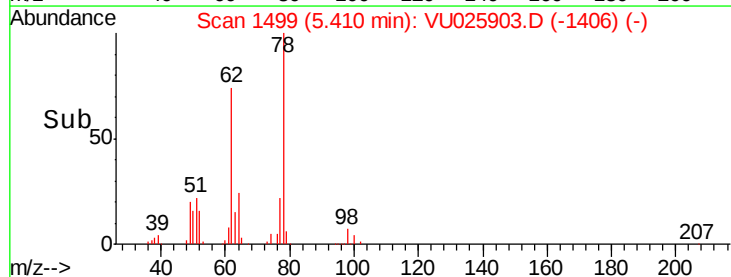
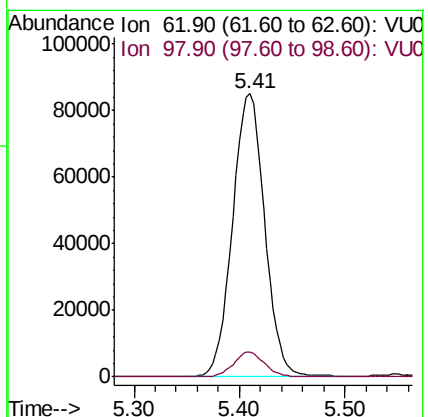
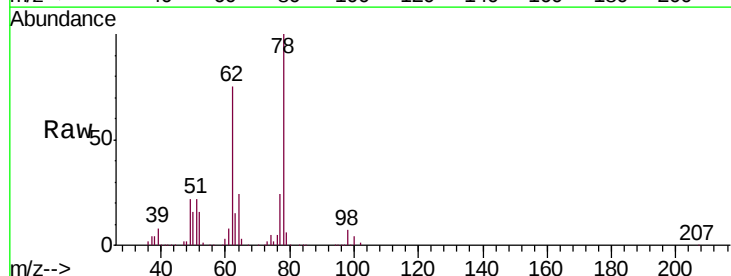
Instrument :
MSVOA_U
ClientSampleId :
FL-0519MS

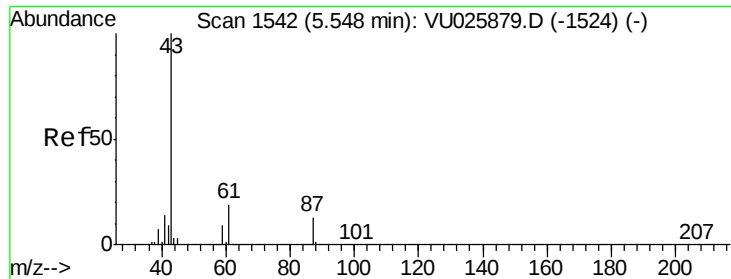
Tgt Ion:	41	Resp:	93992
Ion	Ratio	Lower	Upper
41	100		
39	56.6	44.4	66.6
67	71.2	56.0	84.0
52	28.8	24.6	36.8



#42
1,2-Dichloroethane
Concen: 49.911 ug/l
RT: 5.41 min Scan# 1499
Delta R.T. 0.00 min
Lab File: VU025903.D
Acq: 06 Aug 2018 21:59

Tgt Ion:	62	Resp:	180151
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.4

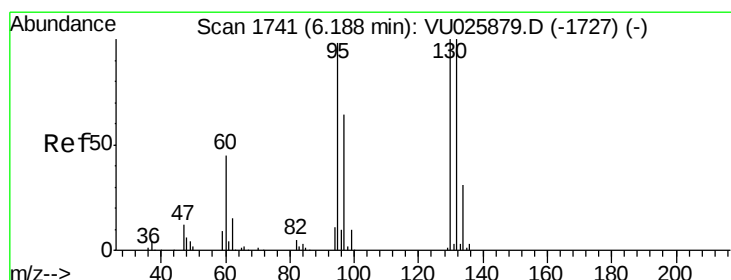
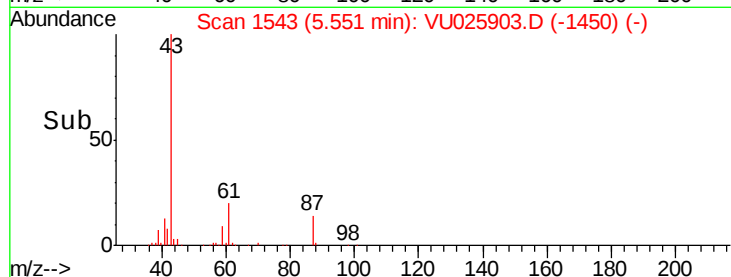
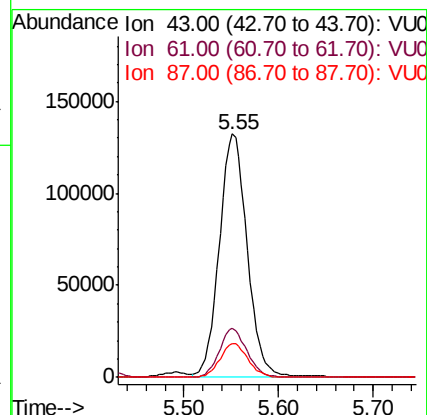
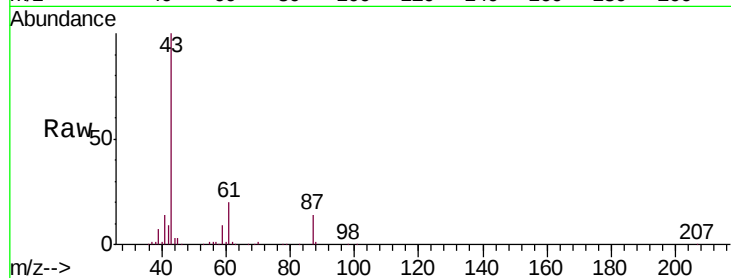




#43
Isopropyl Acetate
Concen: 48.938 ug/l
RT: 5.55 min Scan# 1543
Delta R.T. 0.00 min
Lab File: VU025903.D
Acq: 06 Aug 2018 21:59

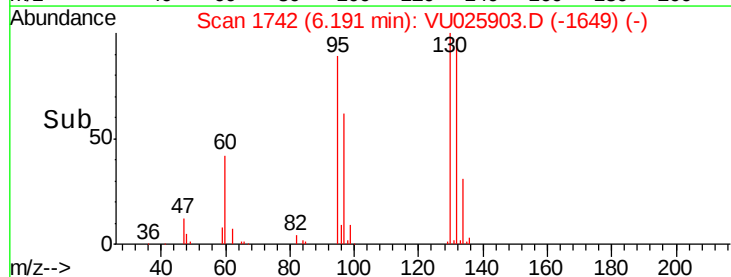
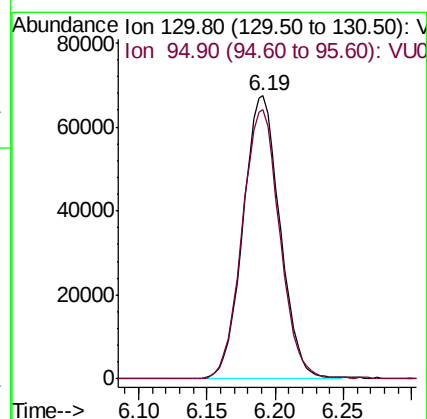
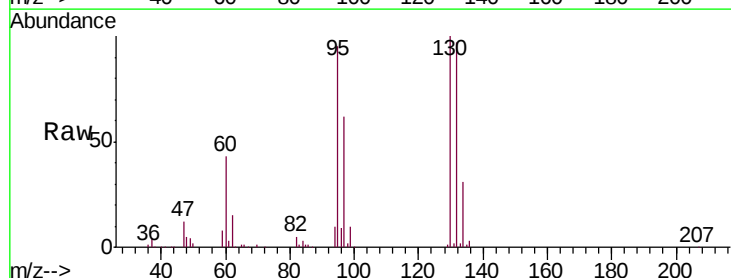
Instrument :
MSVOA_U
ClientSampleId :
FL-0519MS

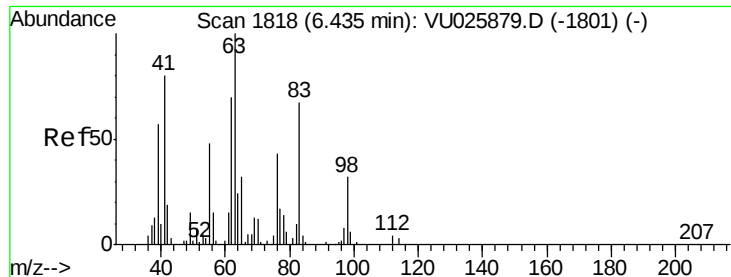
Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.0	15.5	23.3
87	14.0	10.6	16.0



#44
Trichloroethene
Concen: 48.566 ug/l
RT: 6.19 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VU025903.D
Acq: 06 Aug 2018 21:59

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.3	0.0	192.2





#45

1,2-Dichloropropane

Concen: 50.100 ug/l

RT: 6.44 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VU025903.D

Acq: 06 Aug 2018 21:59

Instrument :

MSVOA_U

ClientSampleId :

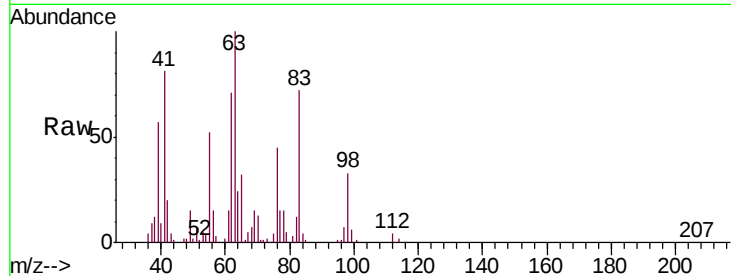
FL-0519MS

Tgt Ion: 63 Resp: 122478

Ion Ratio Lower Upper

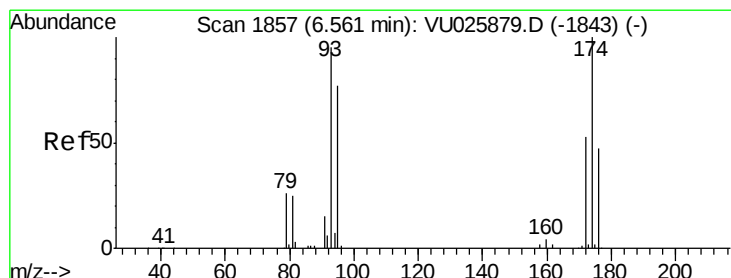
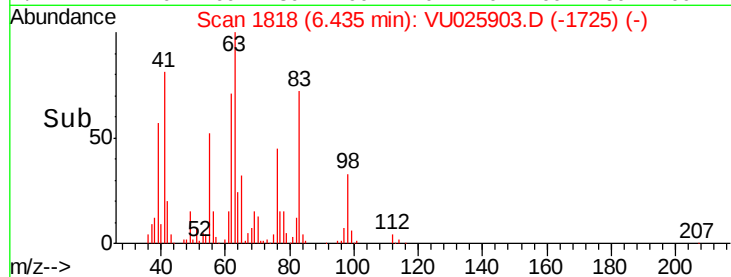
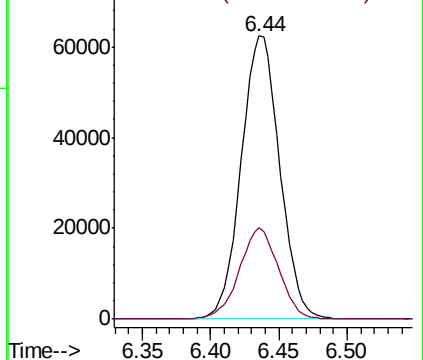
63 100

65 32.1 26.1 39.1



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 64.90 (64.60 to 65.60): VU0



#46

Dibromomethane

Concen: 48.827 ug/l

RT: 6.56 min Scan# 1858

Delta R.T. 0.00 min

Lab File: VU025903.D

Acq: 06 Aug 2018 21:59

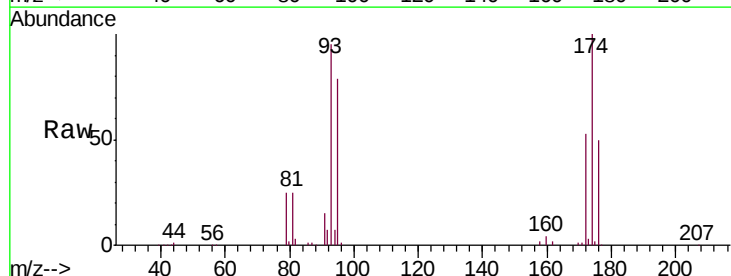
Tgt Ion: 93 Resp: 86492

Ion Ratio Lower Upper

93 100

95 85.4 66.6 100.0

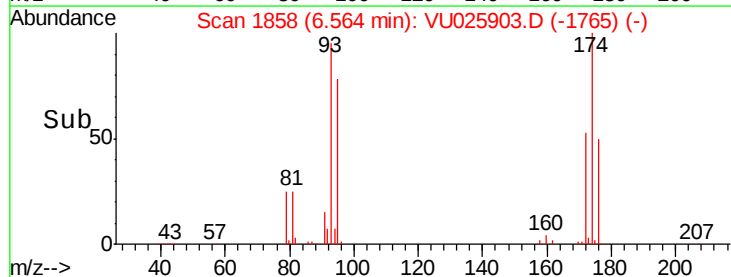
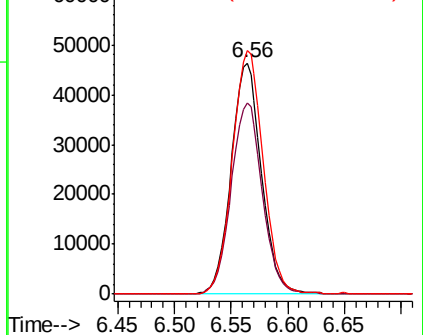
174 107.4 85.8 128.8

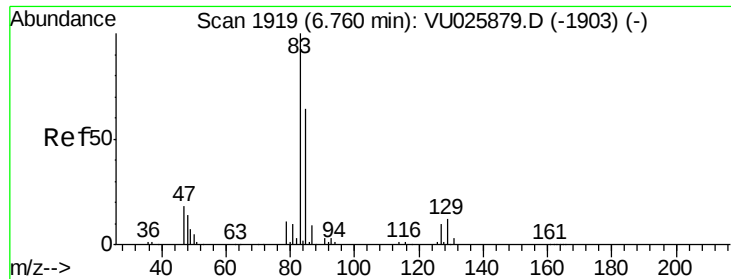


Abundance Ion 92.80 (92.50 to 93.50): VU0

Ion 94.80 (94.50 to 95.50): VU0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.997 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU025903.D

Acq: 06 Aug 2018 21:59

Instrument :

MSVOA_U

ClientSampleId :

FL-0519MS

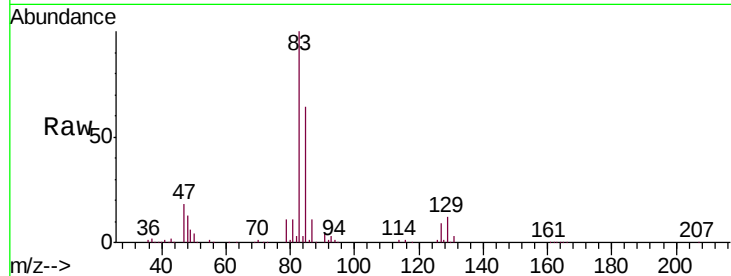
Tgt Ion: 83 Resp: 172317

Ion Ratio Lower Upper

83 100

85 64.0 50.2 75.4

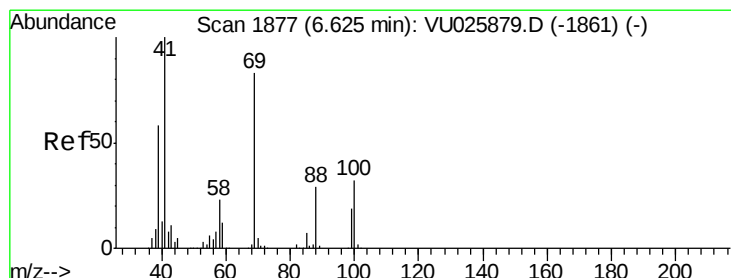
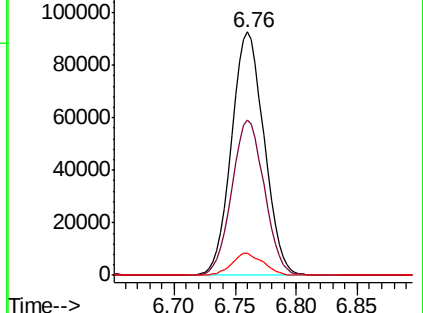
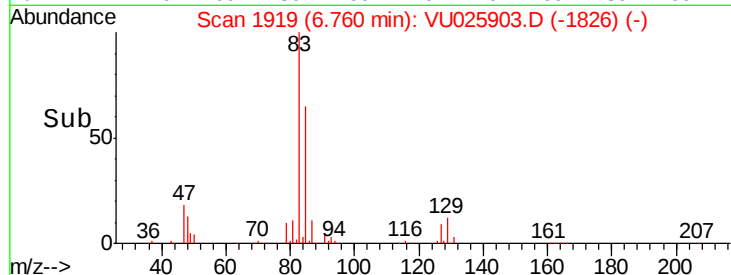
127 9.1 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VU025903.D (-1826) (-)

Ion 84.90 (84.60 to 85.60): VU025903.D (-1826) (-)

Ion 126.80 (126.50 to 127.50): VU025903.D (-1826) (-)



#48

Methyl methacrylate

Concen: 51.893 ug/l

RT: 6.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VU025903.D

Acq: 06 Aug 2018 21:59

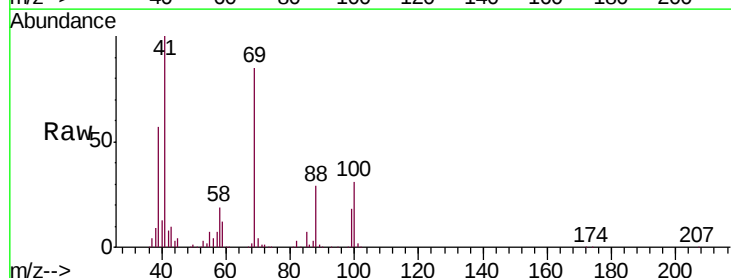
Tgt Ion: 41 Resp: 139750

Ion Ratio Lower Upper

41 100

69 85.2 65.0 97.4

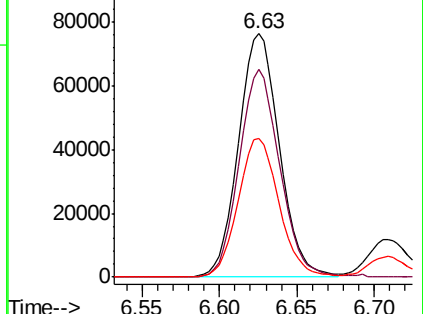
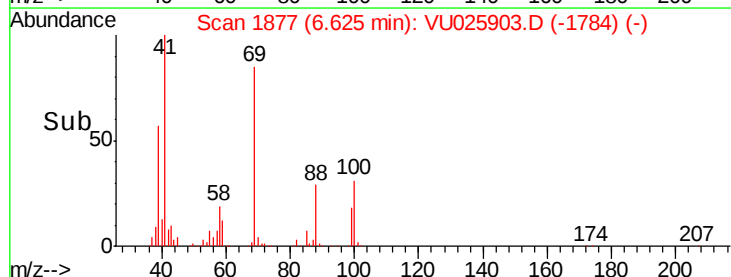
39 56.8 46.4 69.6

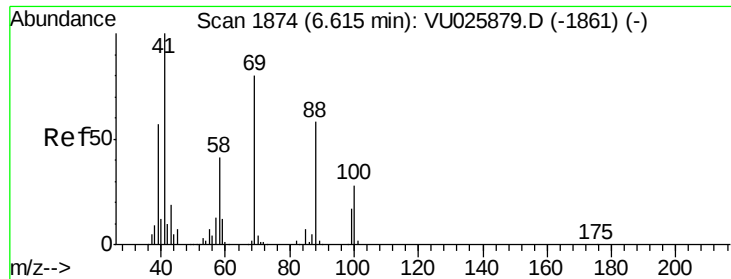


Abundance Ion 41.00 (40.70 to 41.70): VU025903.D (-1784) (-)

Ion 69.00 (68.70 to 69.70): VU025903.D (-1784) (-)

Ion 39.00 (38.70 to 39.70): VU025903.D (-1784) (-)

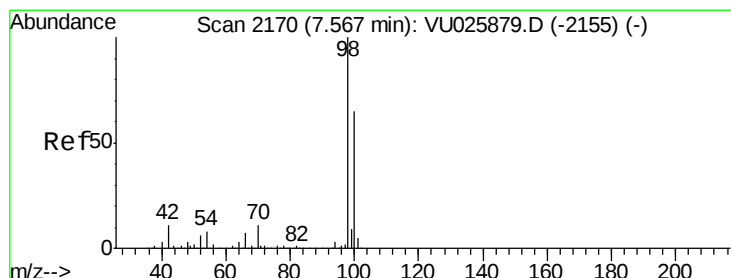
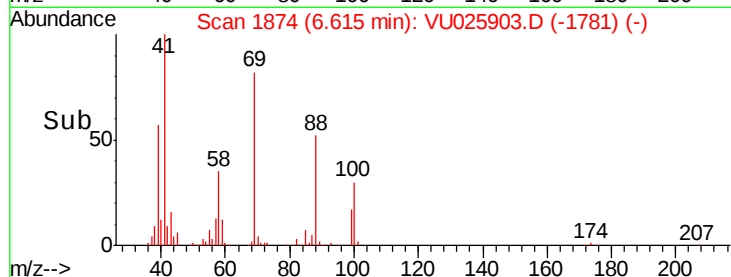
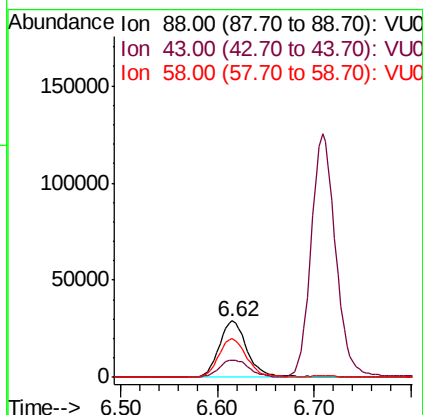
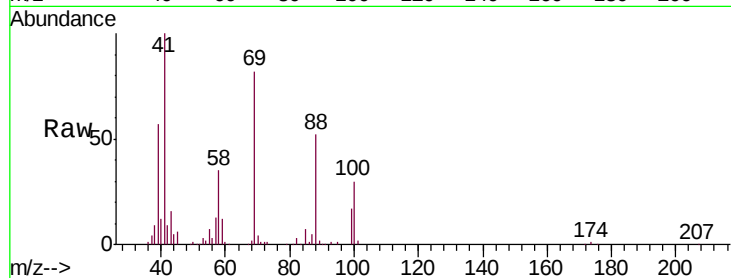




#49
 1,4-Dioxane
 Concen: 879.349 ug/l
 RT: 6.62 min Scan# 1874
 Delta R.T. 0.00 min
 Lab File: VU025903.D
 Acq: 06 Aug 2018 21:59

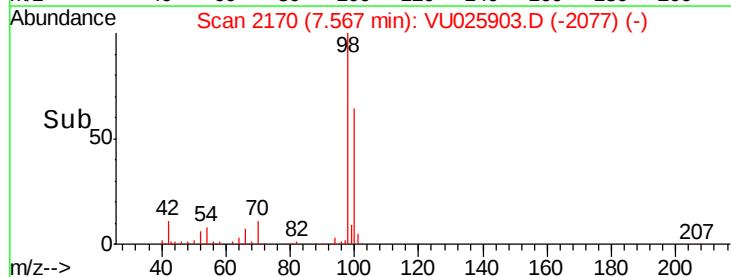
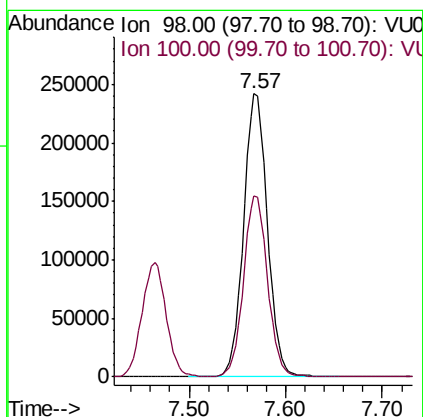
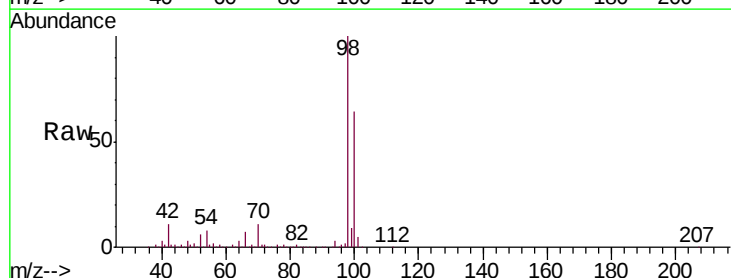
Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0519MS

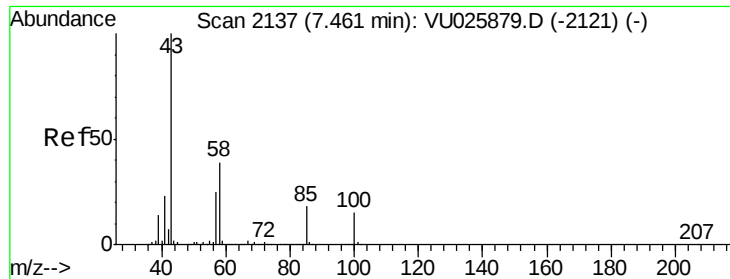
Tgt Ion: 88 Resp: 57628
 Ion Ratio Lower Upper
 88 100
 43 32.4 27.3 40.9
 58 70.2 57.6 86.4



#50
 Toluene-d8
 Concen: 49.515 ug/l
 RT: 7.57 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VU025903.D
 Acq: 06 Aug 2018 21:59

Tgt Ion: 98 Resp: 413527
 Ion Ratio Lower Upper
 98 100
 100 64.5 51.1 76.7

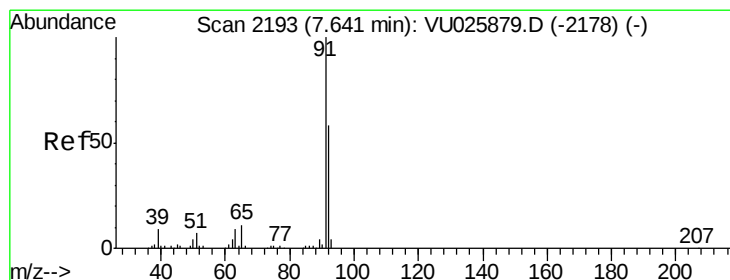
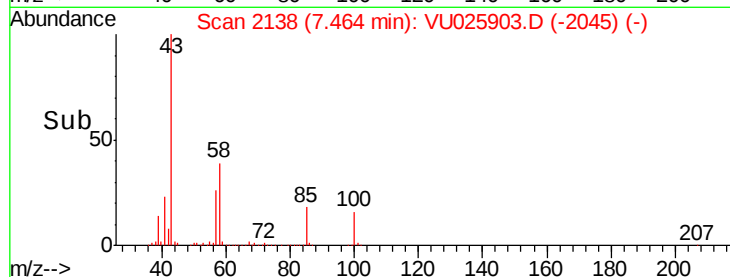
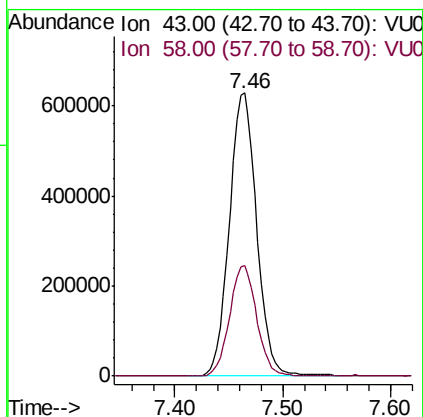
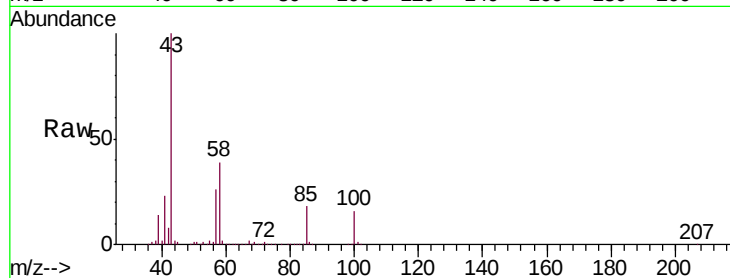




#51
4-Methyl-2-Pentanone
Concen: 321.146 ug/l
RT: 7.46 min Scan# 2138
Delta R.T. 0.00 min
Lab File: VU025903.D
Acq: 06 Aug 2018 21:59

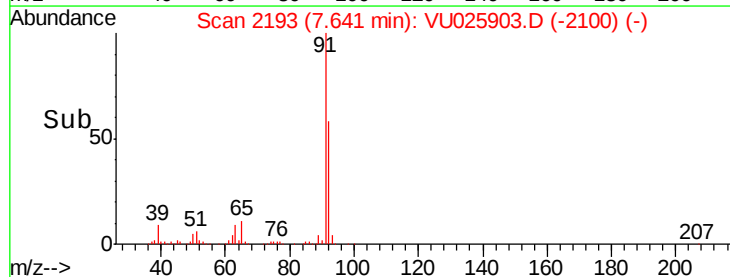
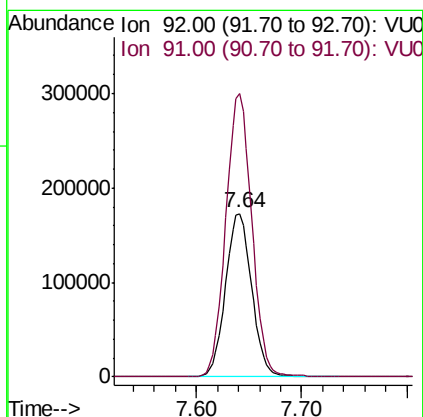
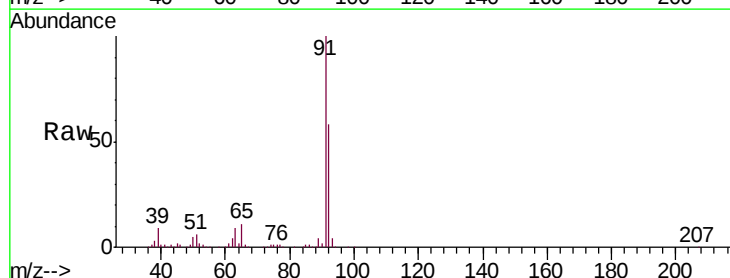
Instrument :
MSVOA_U
ClientSampleId :
FL-0519MS

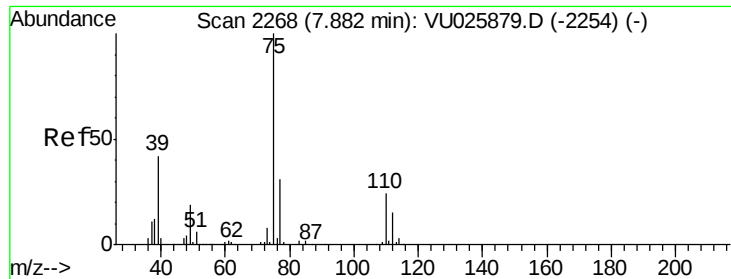
Tgt Ion: 43 Resp: 1104767
Ion Ratio Lower Upper
43 100
58 38.8 31.0 46.4



#52
Toluene
Concen: 51.065 ug/l
RT: 7.64 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VU025903.D
Acq: 06 Aug 2018 21:59

Tgt Ion: 92 Resp: 297374
Ion Ratio Lower Upper
92 100
91 171.7 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 50.450 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VU025903.D

Acq: 06 Aug 2018 21:59

Instrument :

MSVOA_U

ClientSampleId :

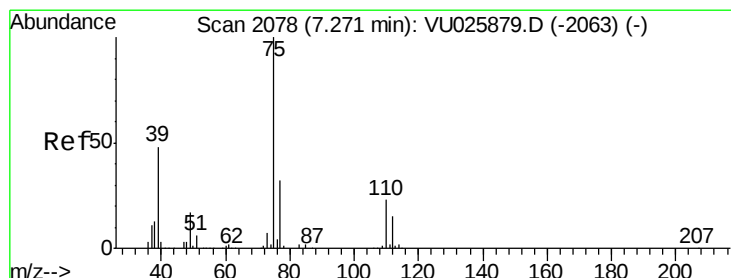
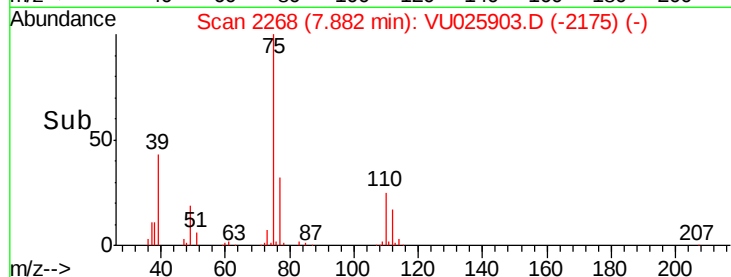
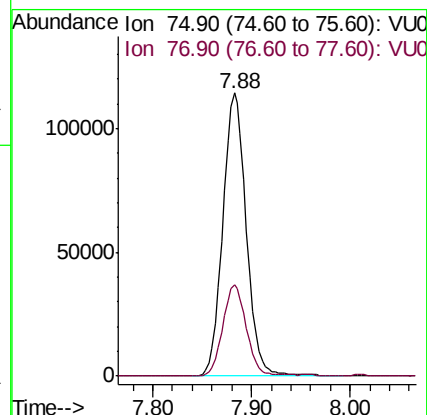
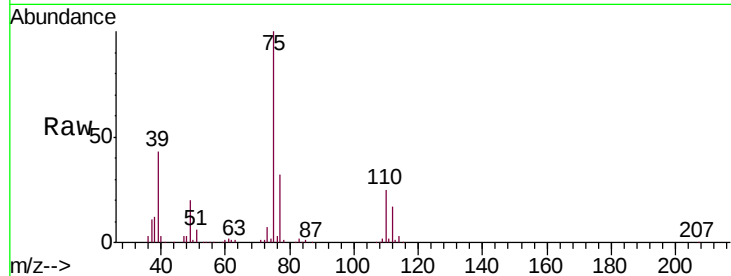
FL-0519MS

Tgt Ion: 75 Resp: 191405

Ion Ratio Lower Upper

75 100

77 32.2 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 49.369 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. 0.00 min

Lab File: VU025903.D

Acq: 06 Aug 2018 21:59

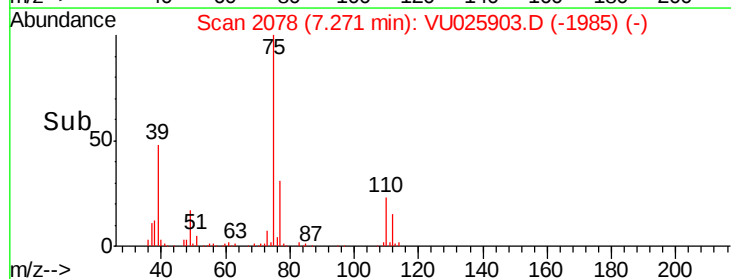
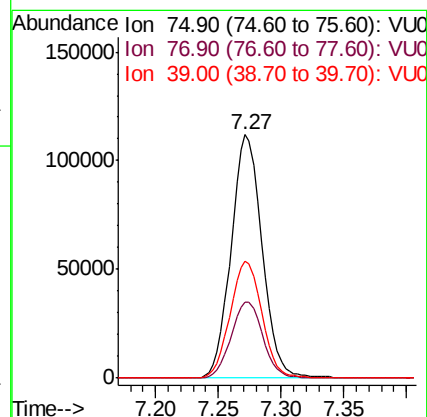
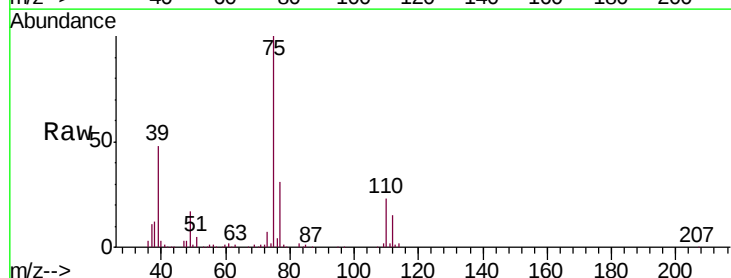
Tgt Ion: 75 Resp: 192402

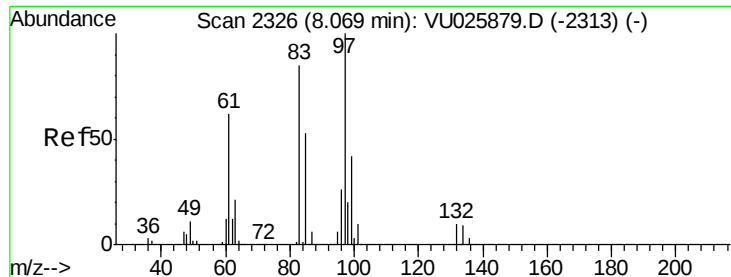
Ion Ratio Lower Upper

75 100

77 31.3 25.6 38.4

39 48.1 40.0 60.0

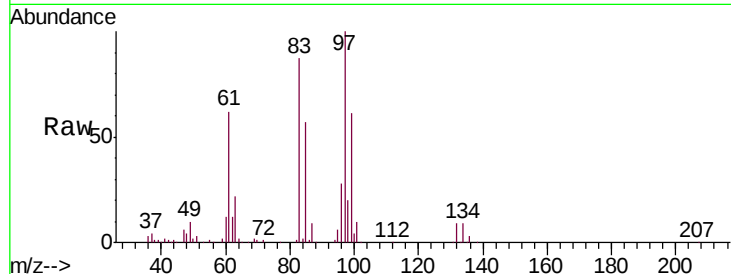




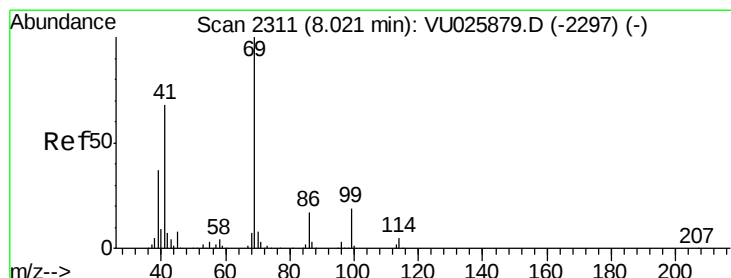
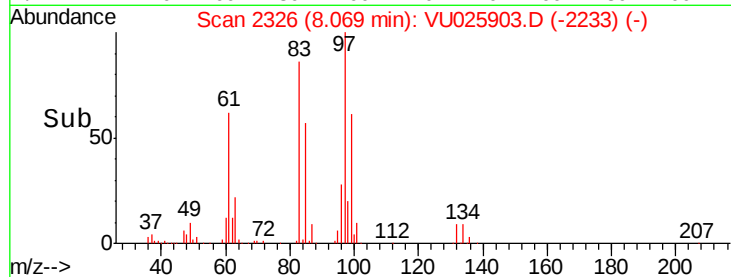
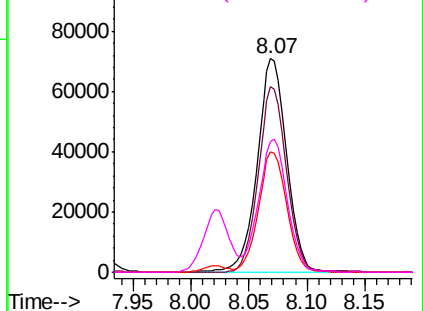
#55
 1,1,2-Trichloroethane
 Concen: 51.914 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU025903.D
 Acq: 06 Aug 2018 21:59

Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0519MS

Tgt Ion:	97	Resp:	125638
Ion	Ratio	Lower	Upper
97	100		
83	86.8	68.9	103.3
85	56.3	44.4	66.6
99	61.0	51.0	76.4

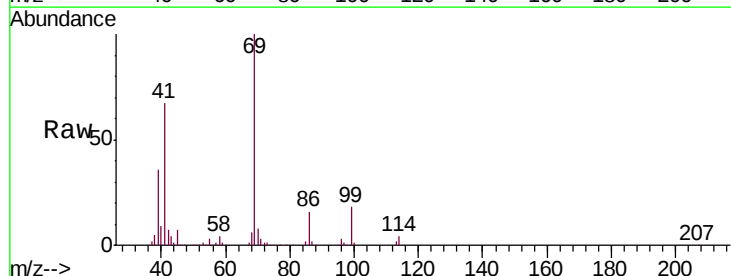


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

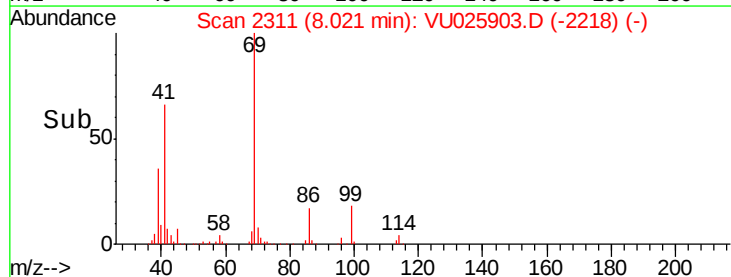
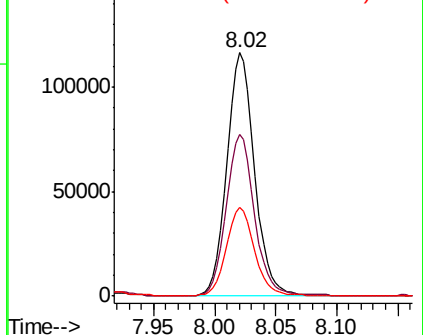


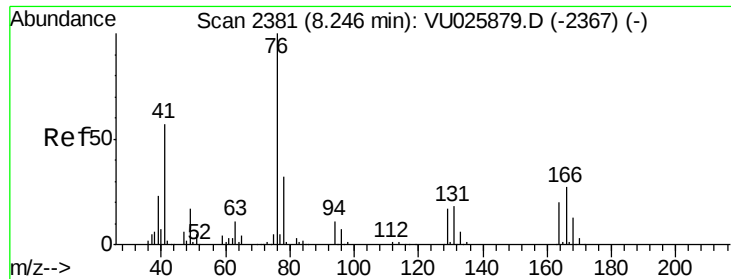
#56
 Ethyl methacrylate
 Concen: 53.681 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU025903.D
 Acq: 06 Aug 2018 21:59

Tgt Ion:	69	Resp:	185619
Ion	Ratio	Lower	Upper
69	100		
41	67.8	54.8	82.2
39	36.8	31.1	46.7



Abundance Ion 69.00 (68.70 to 69.70): VU0
 Ion 41.00 (40.70 to 41.70): VU0
 Ion 39.00 (38.70 to 39.70): VU0

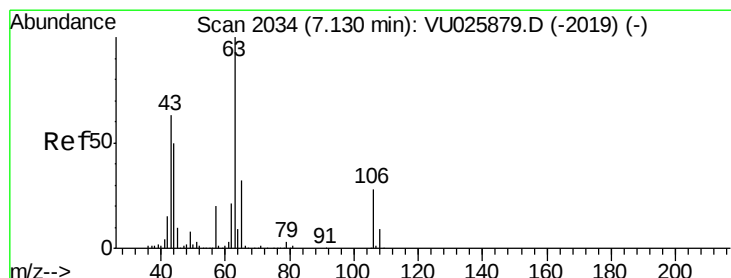
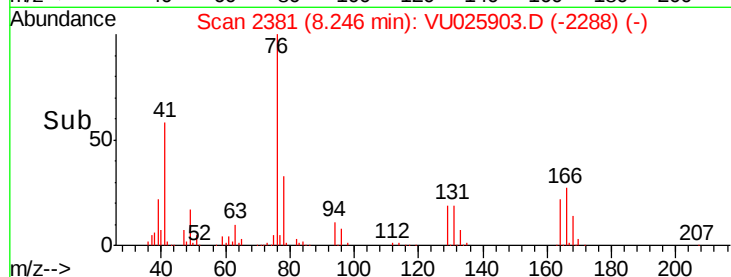
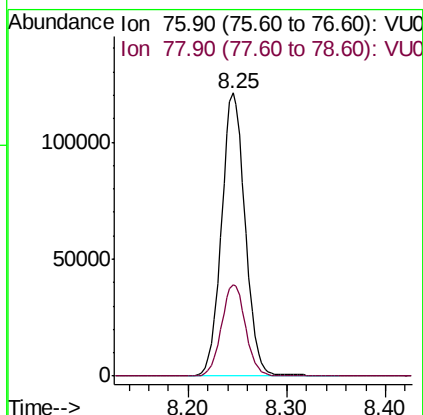
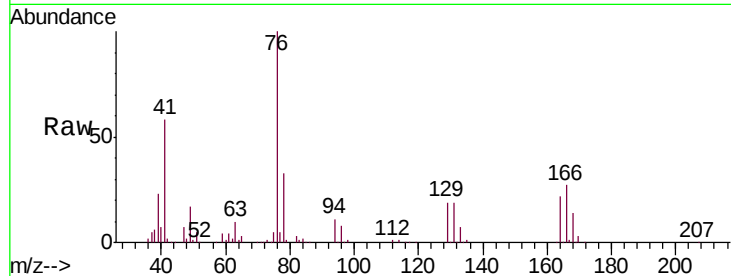




#57
 1,3-Dichloropropane
 Concen: 50.021 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. 0.00 min
 Lab File: VU025903.D
 Acq: 06 Aug 2018 21:59

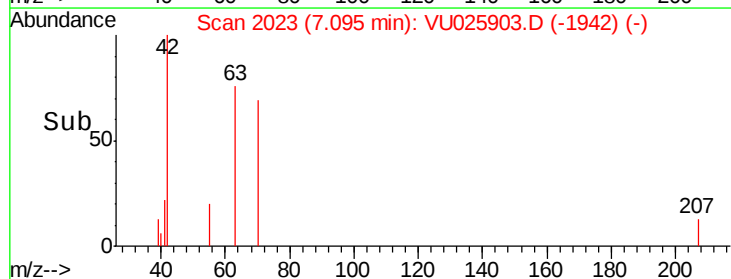
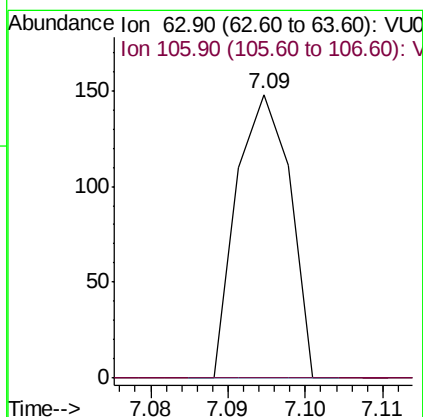
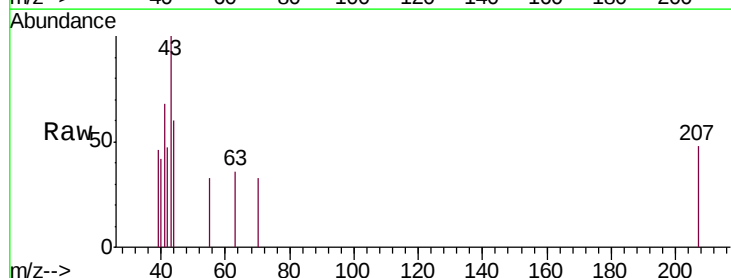
Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0519MS

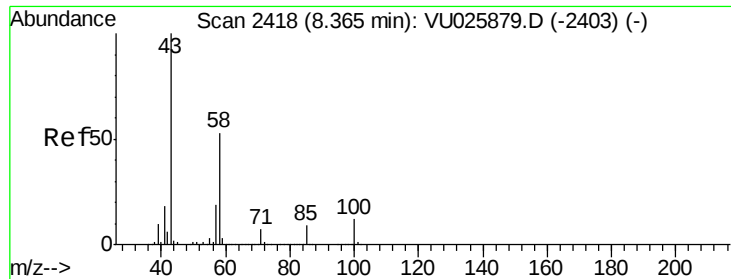
Tgt Ion: 76 Resp: 203579
 Ion Ratio Lower Upper
 76 100
 78 33.1 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 7.121 ug/l
 RT: 7.09 min Scan# 2023
 Delta R.T. -0.04 min
 Lab File: VU025903.D
 Acq: 06 Aug 2018 21:59

Tgt Ion: 63 Resp: 71
 Ion Ratio Lower Upper
 63 100
 106 0.0 22.3 33.5#

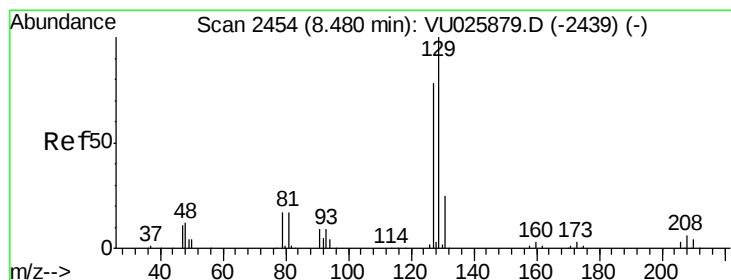
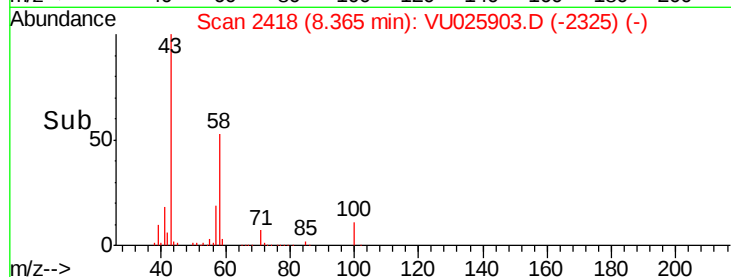
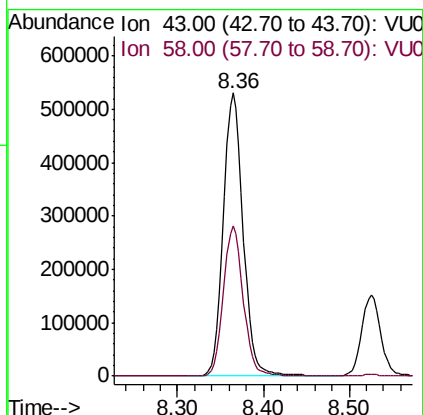
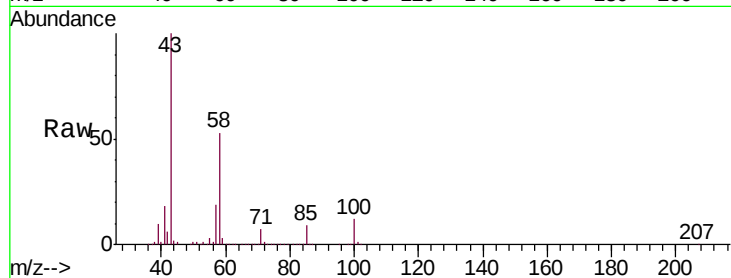




#59
2-Hexanone
Concen: 315.271 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. 0.00 min
Lab File: VU025903.D
Acq: 06 Aug 2018 21:59

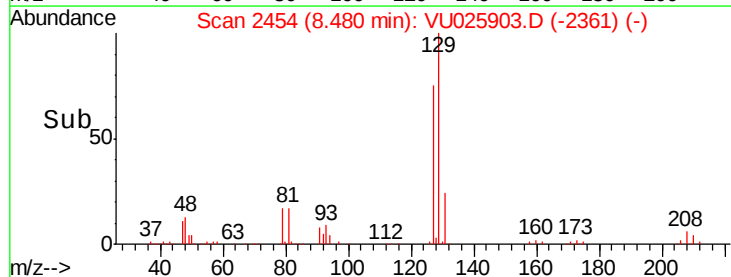
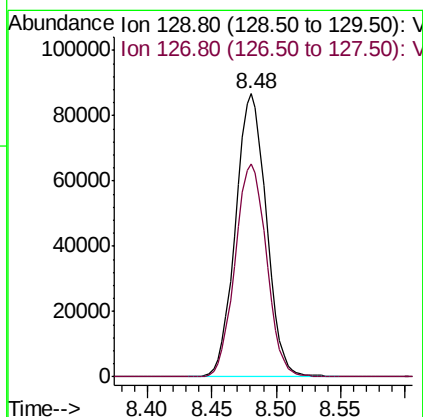
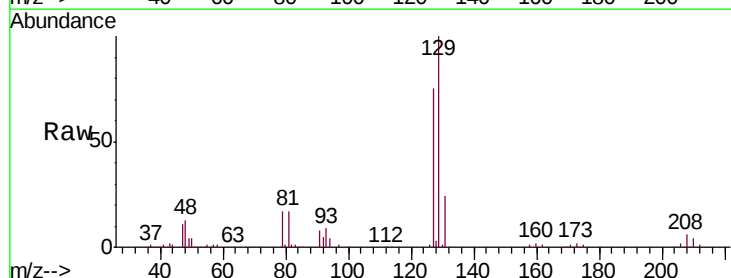
Instrument :
MSVOA_U
ClientSampleId :
FL-0519MS

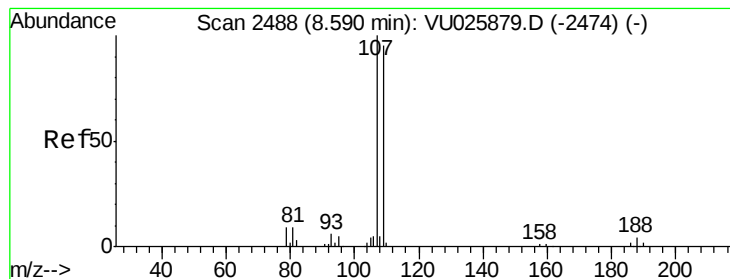
Tgt Ion: 43 Resp: 850158
Ion Ratio Lower Upper
43 100
58 53.2 26.2 78.5



#60
Dibromochloromethane
Concen: 50.652 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU025903.D
Acq: 06 Aug 2018 21:59

Tgt Ion: 129 Resp: 144558
Ion Ratio Lower Upper
129 100
127 76.4 38.6 115.8





#61

1,2-Dibromoethane

Concen: 51.289 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU025903.D

Acq: 06 Aug 2018 21:59

Instrument :

MSVOA_U

ClientSampleId :

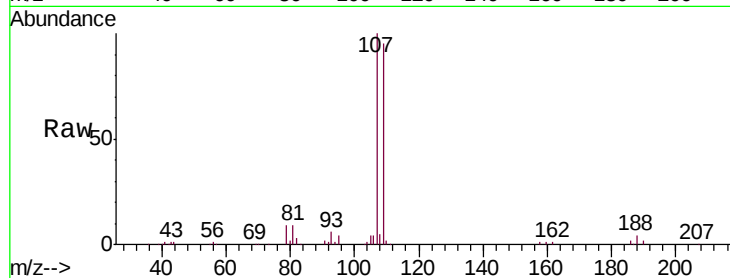
FL-0519MS

Tgt Ion: 107 Resp: 138042

Ion Ratio Lower Upper

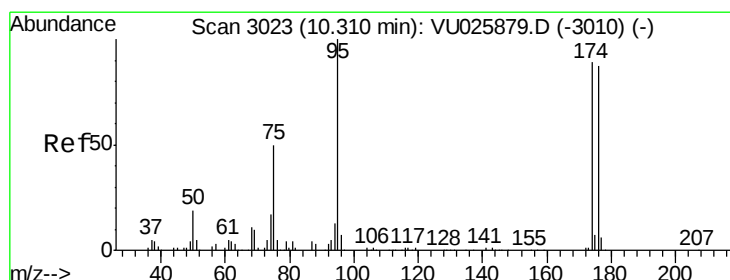
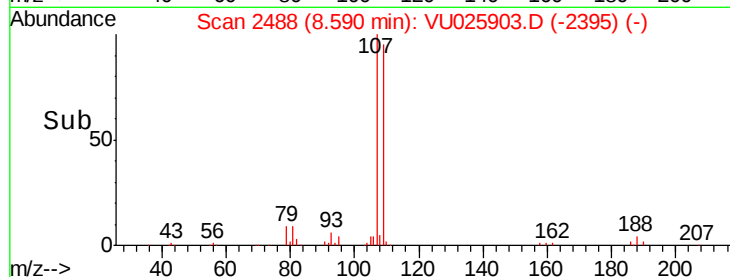
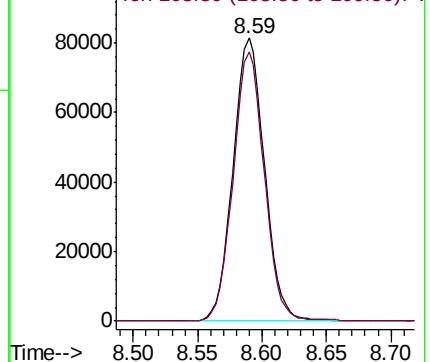
107 100

109 94.1 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.457 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025903.D

Acq: 06 Aug 2018 21:59

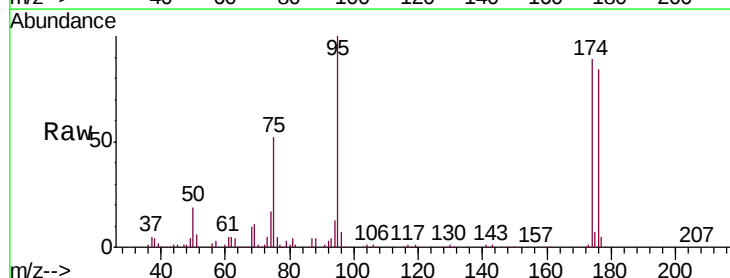
Tgt Ion: 95 Resp: 160320

Ion Ratio Lower Upper

95 100

174 88.2 0.0 172.2

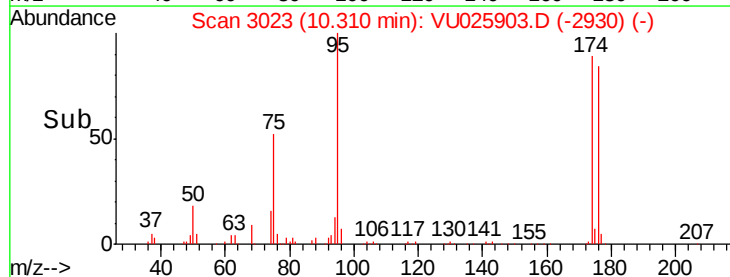
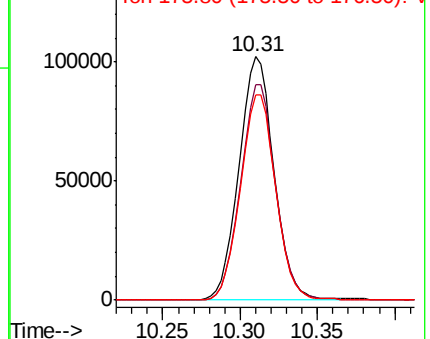
176 85.3 0.0 162.6

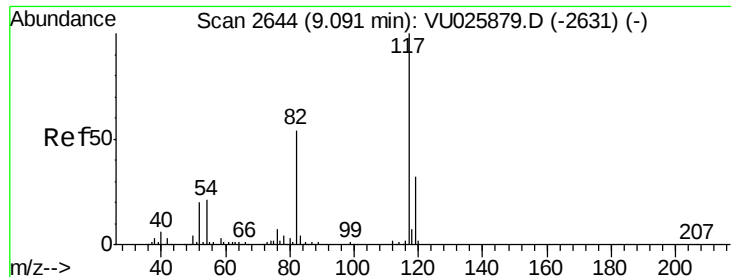


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

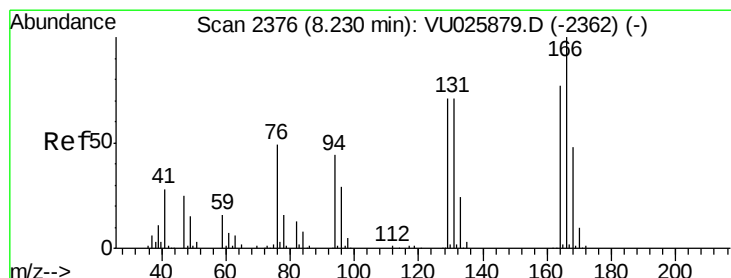
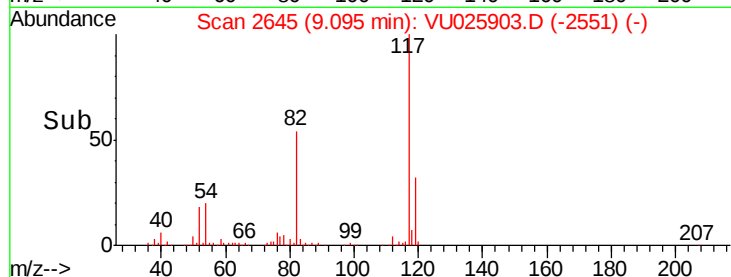
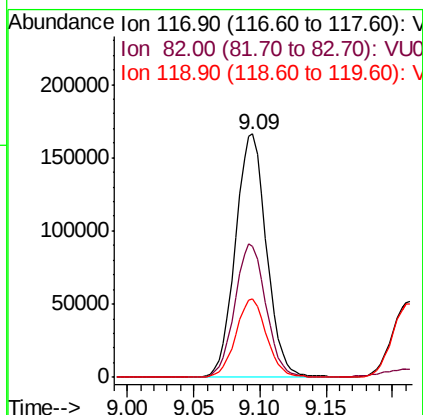
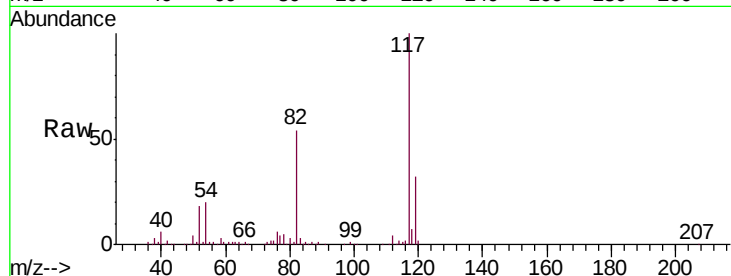




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025903.D
Acq: 06 Aug 2018 21:59

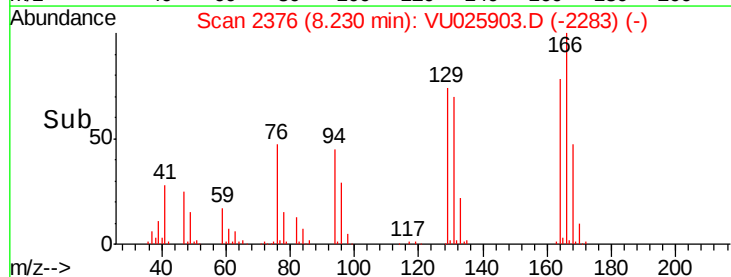
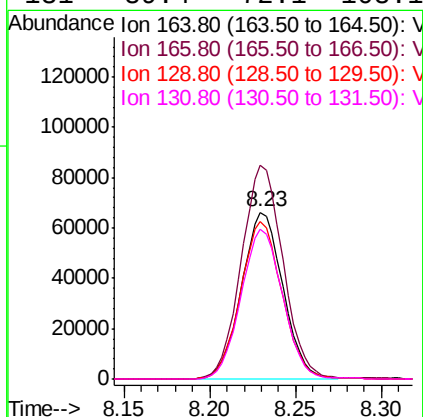
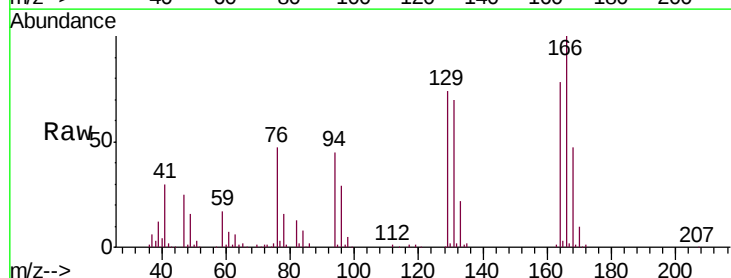
Instrument :
MSVOA_U
ClientSampleId :
FL-0519MS

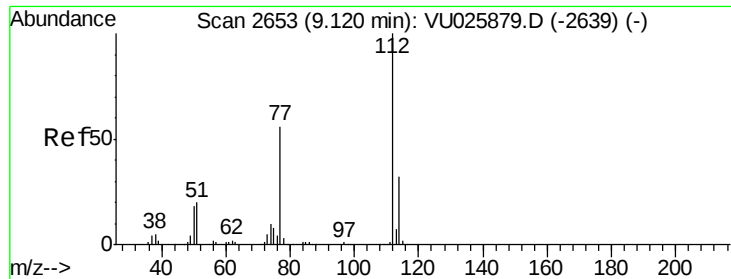
Tgt Ion:117 Resp: 270888
Ion Ratio Lower Upper
117 100
82 53.6 46.0 69.0
119 32.0 26.0 39.0



#64
Tetrachloroethene
Concen: 46.402 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU025903.D
Acq: 06 Aug 2018 21:59

Tgt Ion:164 Resp: 110640
Ion Ratio Lower Upper
164 100
166 128.0 101.1 151.7
129 94.3 73.0 109.6
131 89.4 72.1 108.1

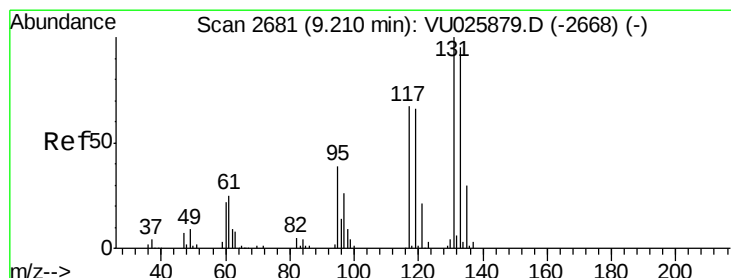
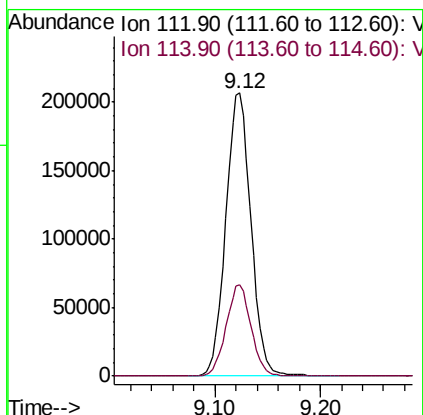
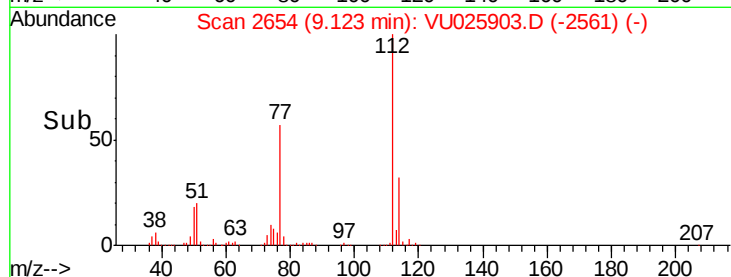
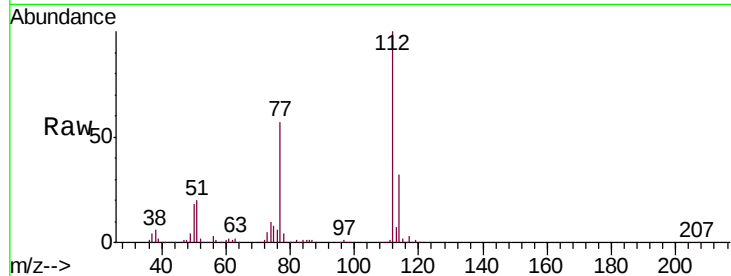




#65
Chlorobenzene
Concen: 48.778 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU025903.D
Acq: 06 Aug 2018 21:59

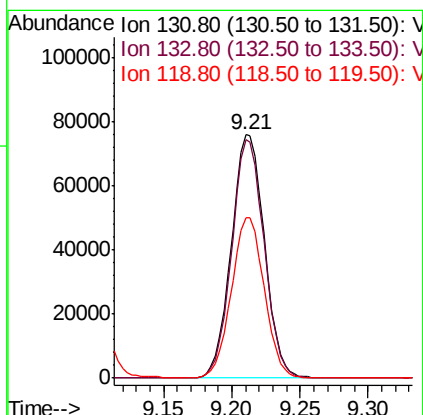
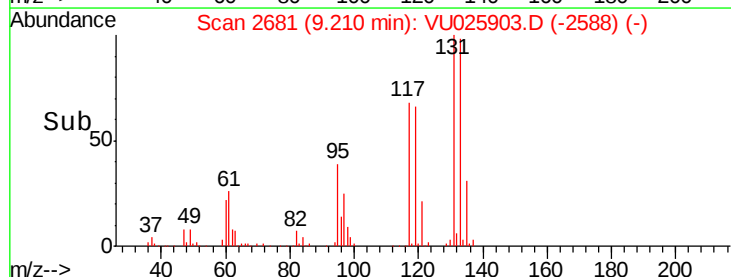
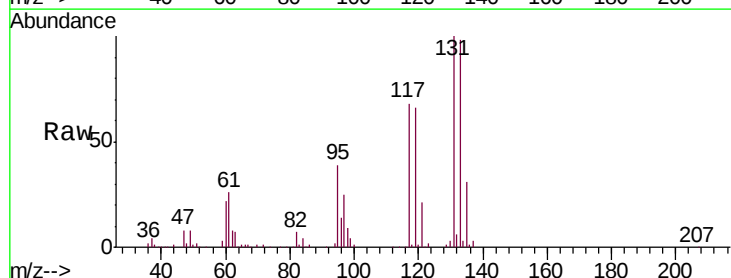
Instrument :
MSVOA_U
ClientSampleId :
FL-0519MS

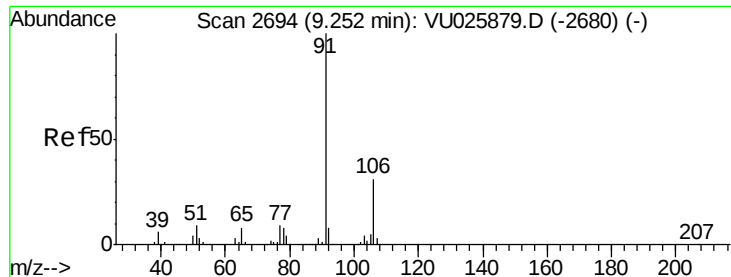
Tgt Ion:112 Resp: 340670
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 50.579 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU025903.D
Acq: 06 Aug 2018 21:59

Tgt Ion:131 Resp: 127790
Ion Ratio Lower Upper
131 100
133 95.7 47.8 143.3
119 65.7 31.6 95.0





#67

Ethyl Benzene

Concen: 99.624 ug/l

RT: 9.25 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VU025903.D

Acq: 06 Aug 2018 21:59

Instrument :

MSVOA_U

ClientSampleId :

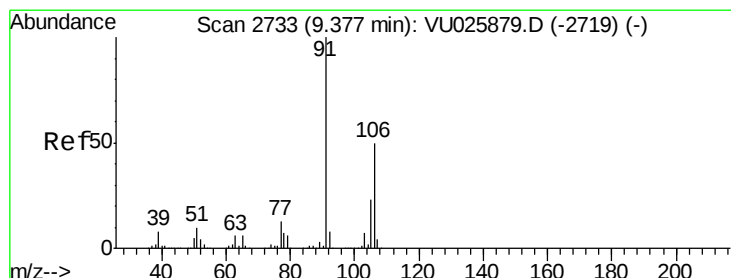
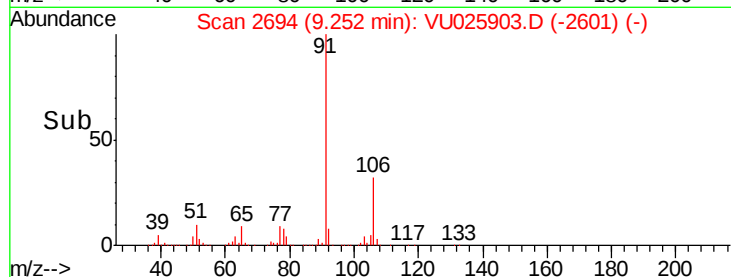
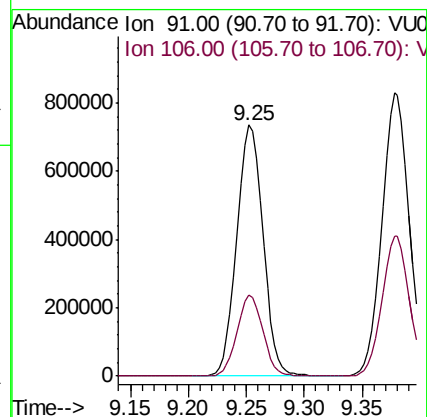
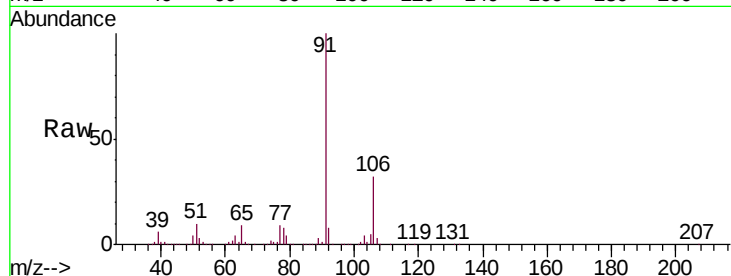
FL-0519MS

Tgt Ion: 91 Resp: 1152534

Ion Ratio Lower Upper

91 100

106 32.1 25.3 37.9



#68

m/p-Xylenes

Concen: 153.237 ug/l

RT: 9.38 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU025903.D

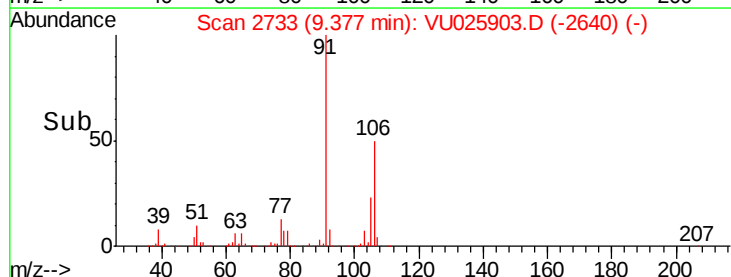
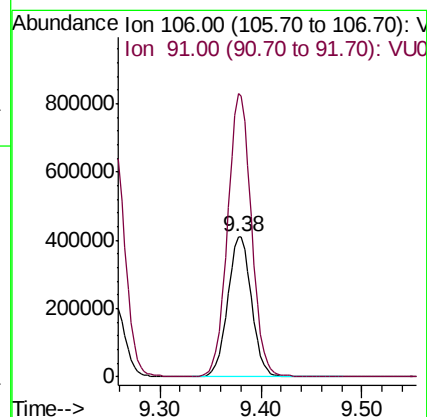
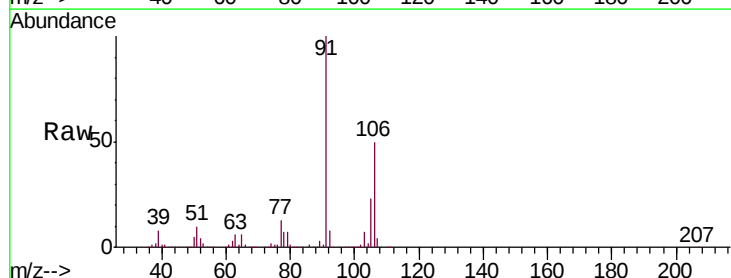
Acq: 06 Aug 2018 21:59

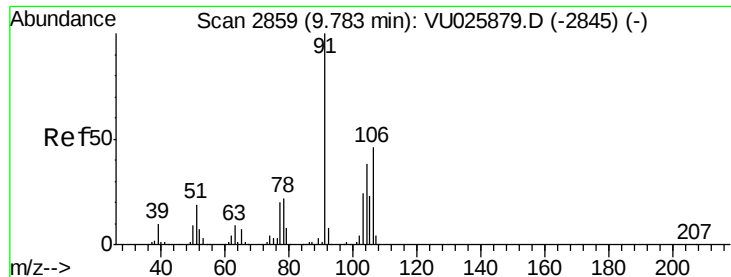
Tgt Ion: 106 Resp: 680600

Ion Ratio Lower Upper

106 100

91 201.3 162.3 243.5

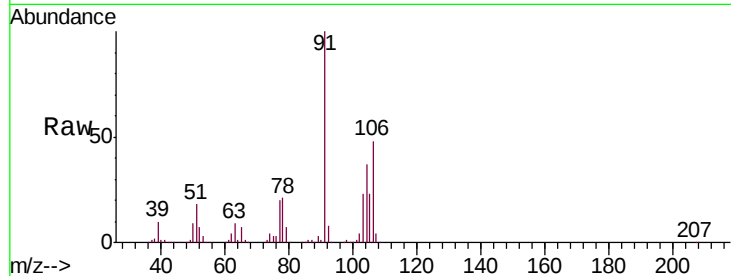




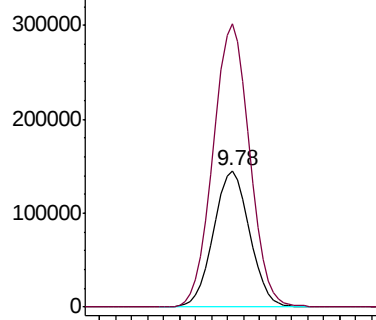
#69
o-Xylene
Concen: 51.428 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025903.D
Acq: 06 Aug 2018 21:59

Instrument :
MSVOA_U
ClientSampleId :
FL-0519MS

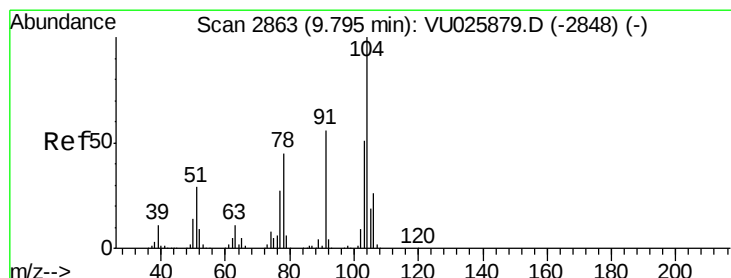
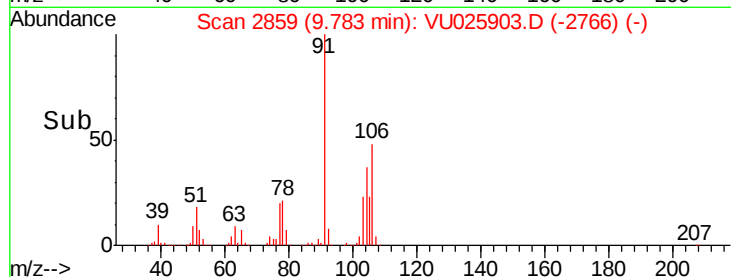
Tgt Ion:106 Resp: 223240
Ion Ratio Lower Upper
106 100
91 210.3 105.3 315.8



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

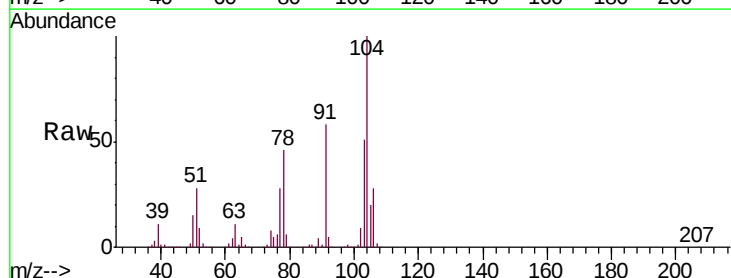


Time-->

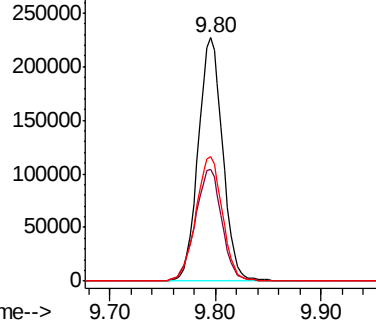


#70
Styrene
Concen: 51.778 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU025903.D
Acq: 06 Aug 2018 21:59

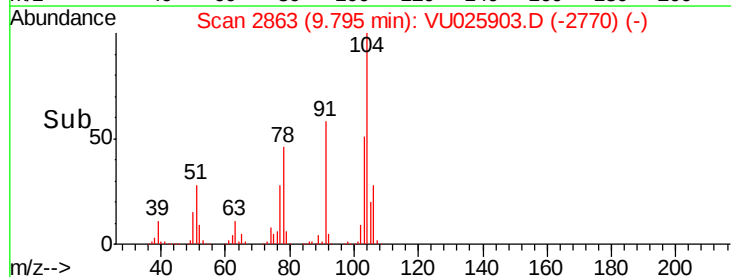
Tgt Ion:104 Resp: 363045
Ion Ratio Lower Upper
104 100
78 49.9 41.6 62.4
103 55.5 44.6 66.8

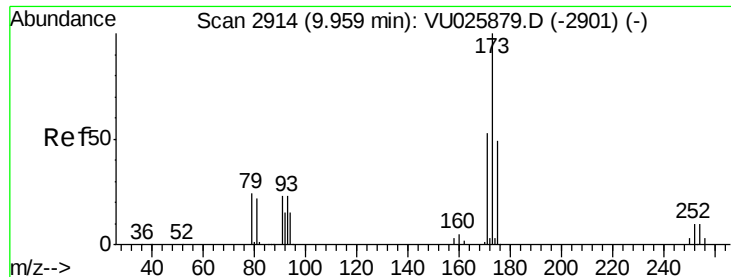


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V



Time-->





#71

Bromoform

Concen: 51.875 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU025903.D

Acq: 06 Aug 2018 21:59

Instrument :

MSVOA_U

ClientSampled :

FL-0519MS

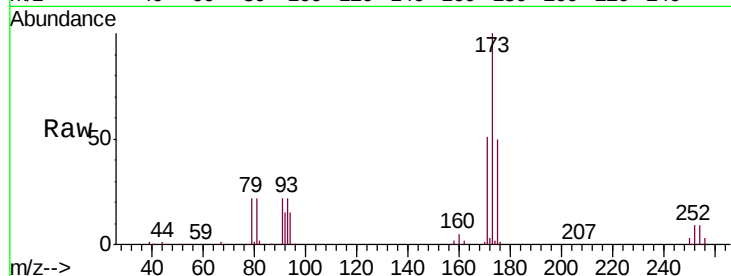
Tgt Ion:173 Resp: 113644

Ion Ratio Lower Upper

173 100

175 48.4 24.0 72.0

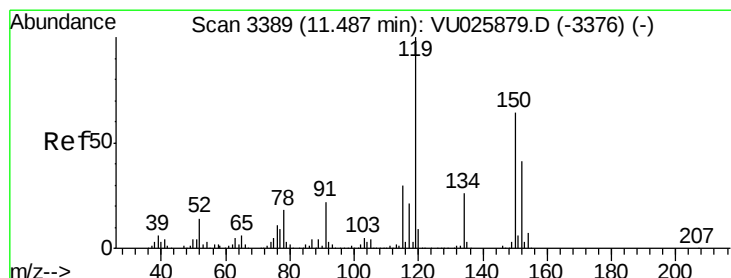
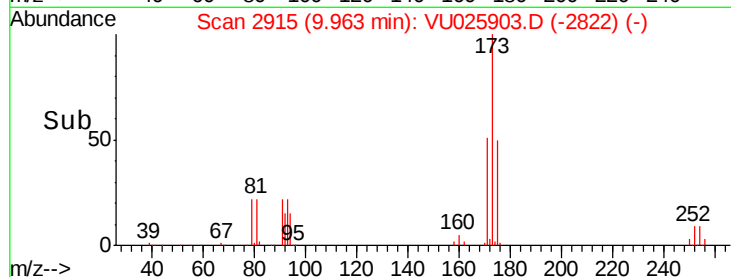
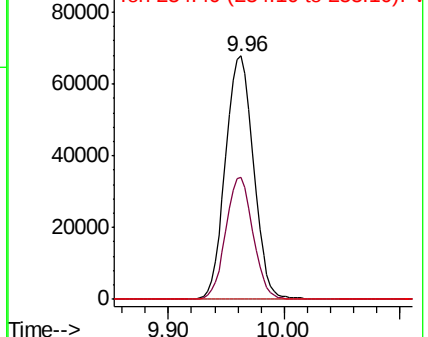
254 0.1 0.0 0.0#



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: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025903.D

Acq: 06 Aug 2018 21:59

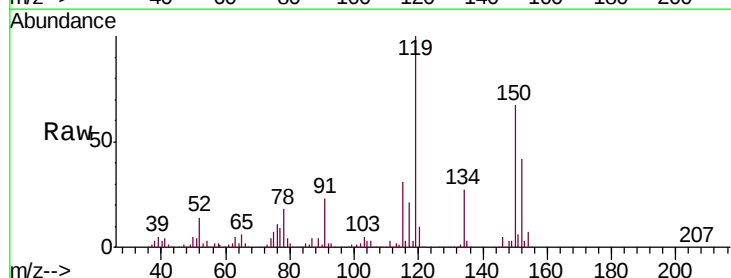
Tgt Ion:152 Resp: 169841

Ion Ratio Lower Upper

152 100

115 80.4 40.1 120.3

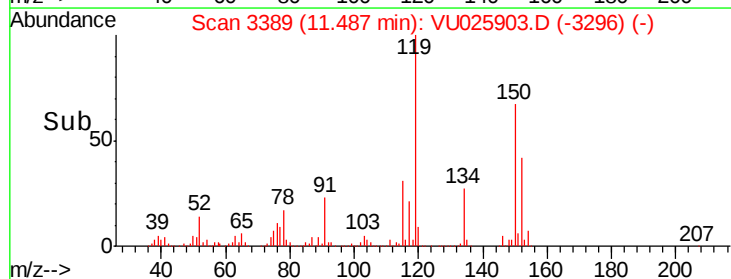
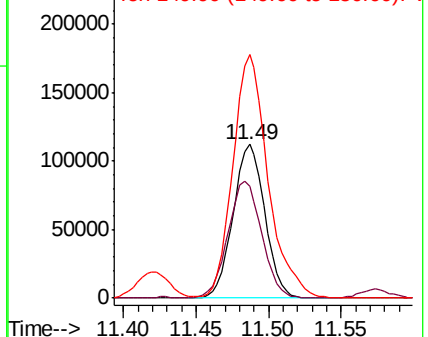
150 175.6 0.0 351.4

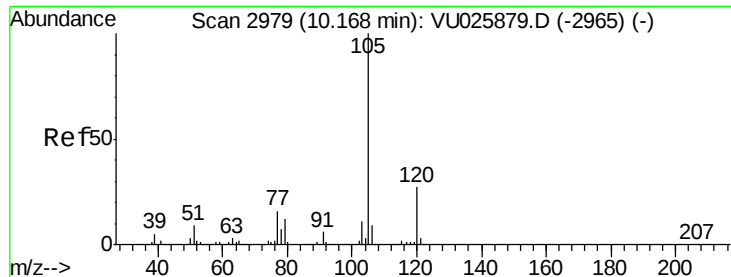


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 55.524 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU025903.D

Acq: 06 Aug 2018 21:59

Instrument :

MSVOA_U

ClientSampleId :

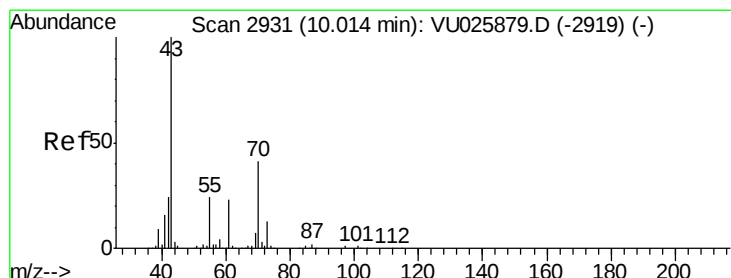
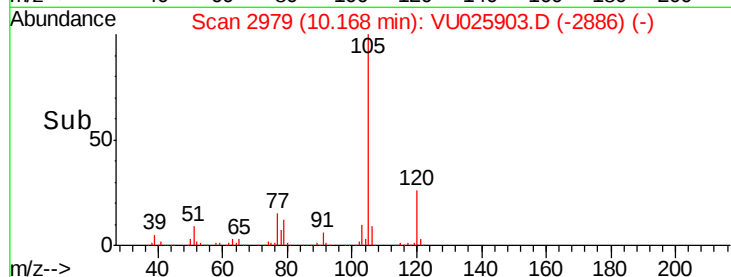
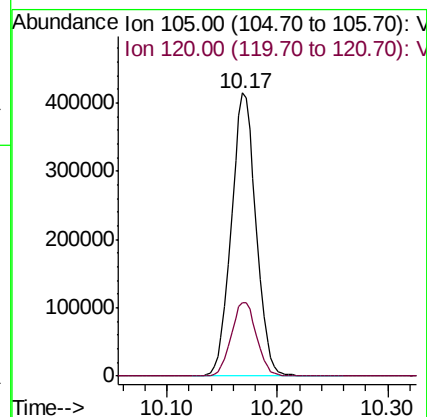
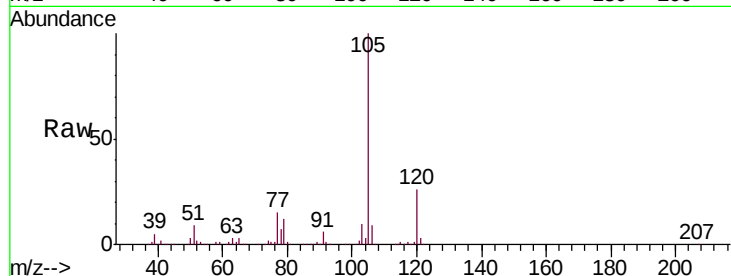
FL-0519MS

Tgt Ion: 105 Resp: 643628

Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.5



#74

N-ethyl acetate

Concen: 51.276 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU025903.D

Acq: 06 Aug 2018 21:59

Tgt Ion: 43 Resp: 242655

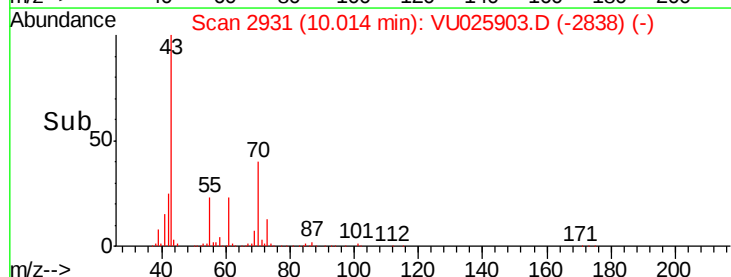
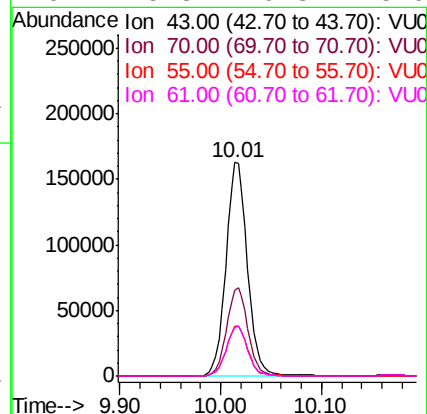
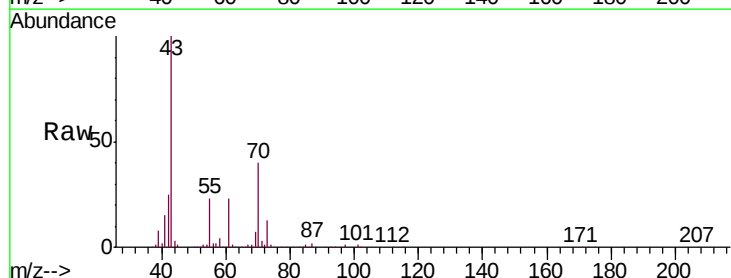
Ion Ratio Lower Upper

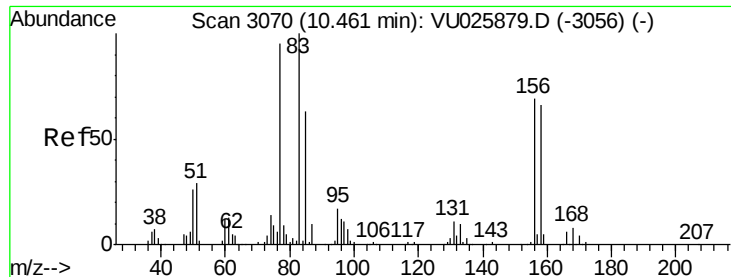
43 100

70 40.8 33.4 50.2

55 23.2 19.0 28.6

61 23.3 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 49.735 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU025903.D

Acq: 06 Aug 2018 21:59

Instrument :

MSVOA_U

ClientSampleId :

FL-0519MS

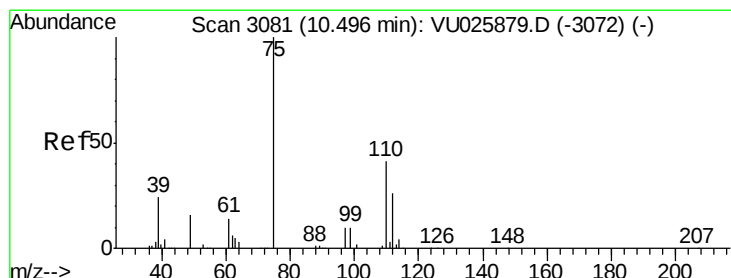
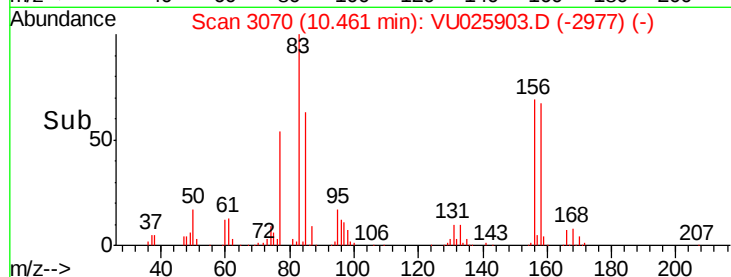
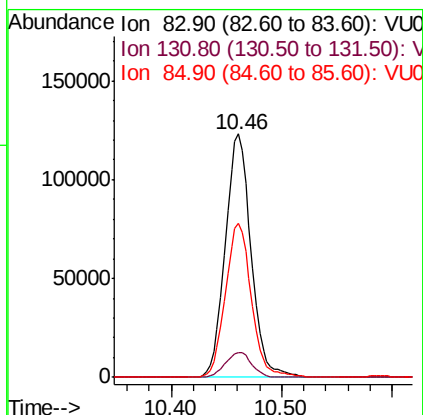
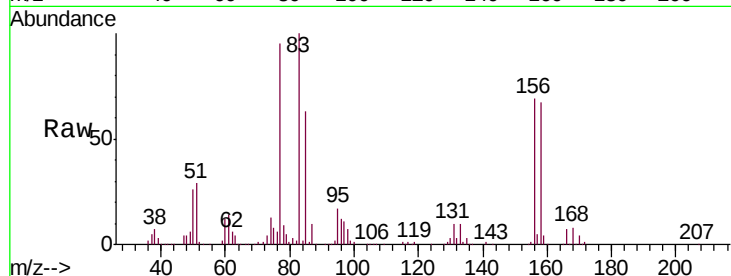
Tgt Ion: 83 Resp: 199373

Ion Ratio Lower Upper

83 100

131 10.5 5.5 16.4

85 63.9 31.6 94.8



#76

1,2,3-Trichloropropane

Concen: 60.292 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU025903.D

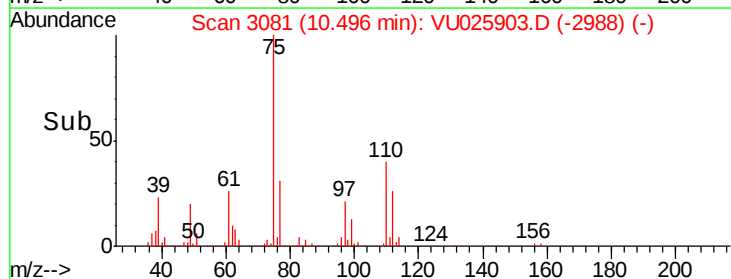
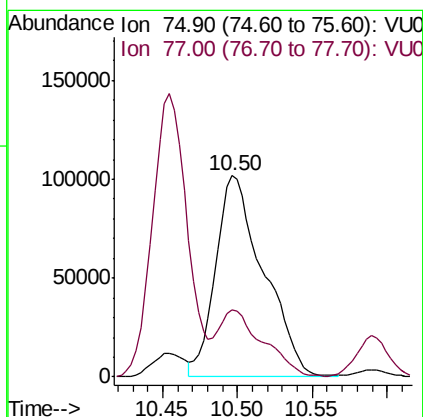
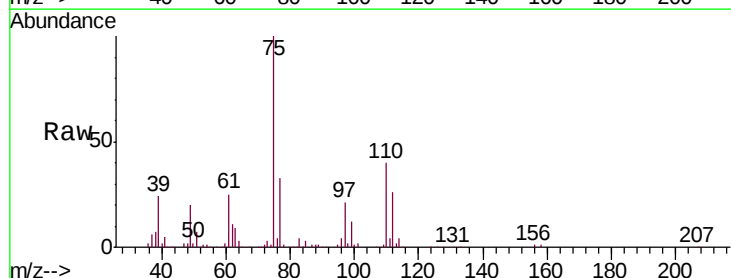
Acq: 06 Aug 2018 21:59

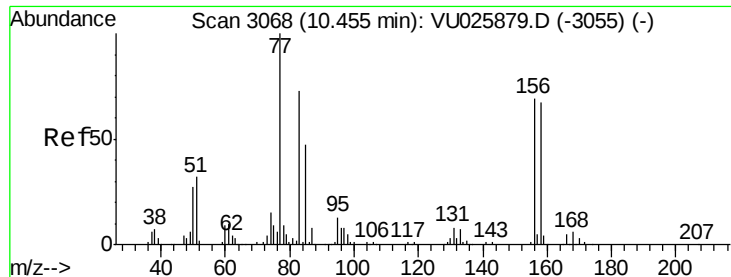
Tgt Ion: 75 Resp: 225620

Ion Ratio Lower Upper

75 100

77 29.3 20.4 61.3





#77

Bromobenzene

Concen: 49.686 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VU025903.D

Acq: 06 Aug 2018 21:59

Instrument :

MSVOA_U

ClientSampleId :

FL-0519MS

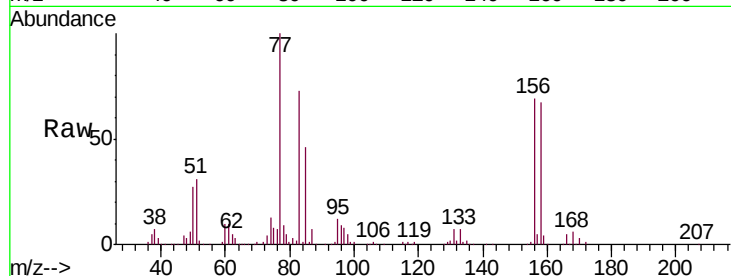
Tgt Ion:156 Resp: 158865

Ion Ratio Lower Upper

156 100

77 144.7 73.8 221.4

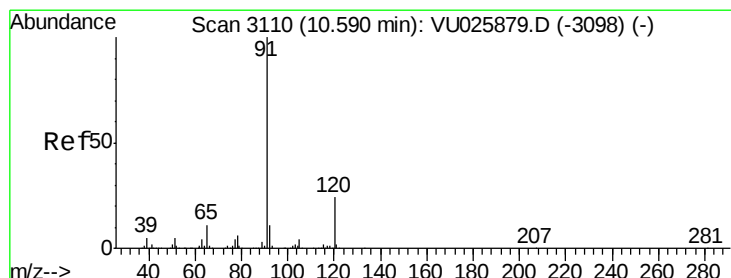
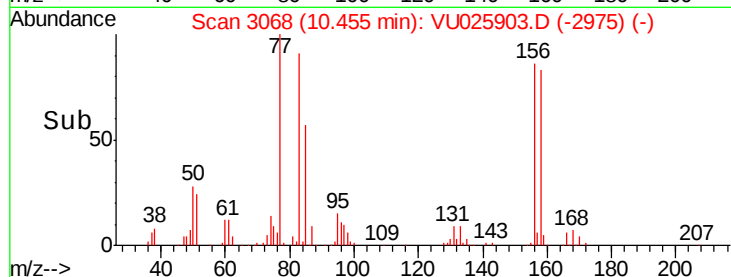
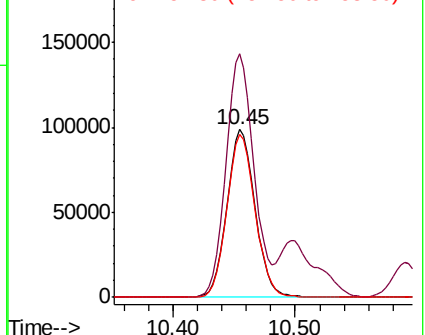
158 97.8 48.0 144.0



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: 58.398 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU025903.D

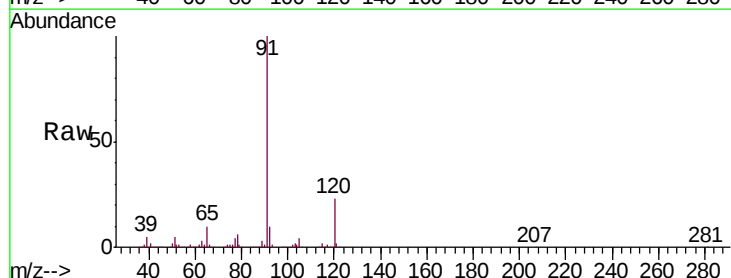
Acq: 06 Aug 2018 21:59

Tgt Ion: 91 Resp: 790121

Ion Ratio Lower Upper

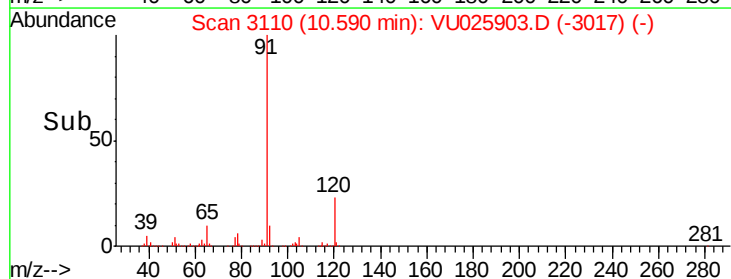
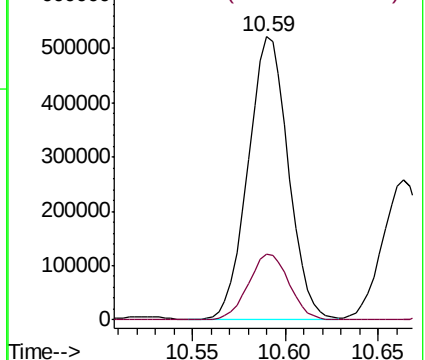
91 100

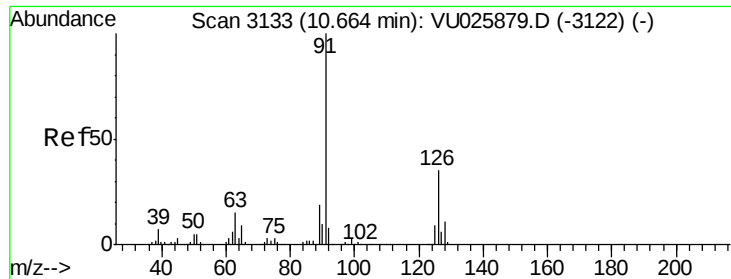
120 23.5 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.631 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU025903.D

Acq: 06 Aug 2018 21:59

Instrument :

MSVOA_U

ClientSampleId :

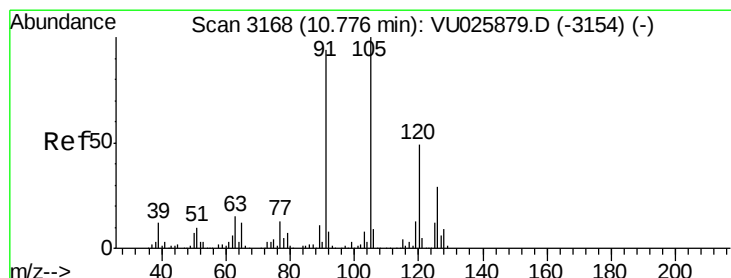
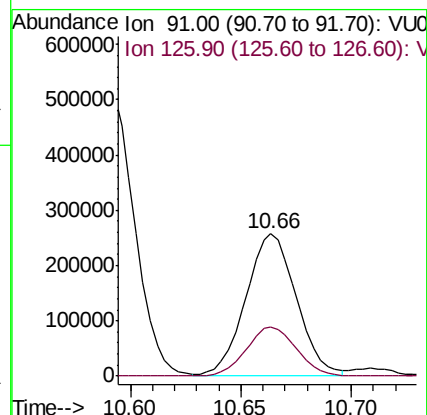
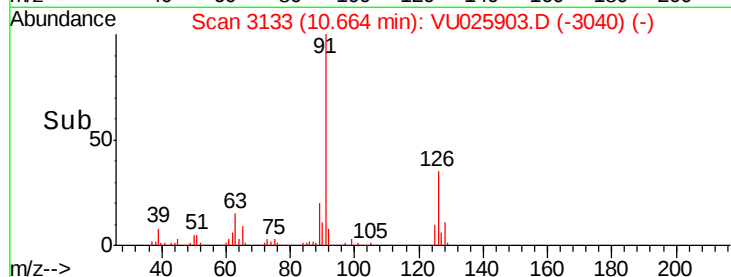
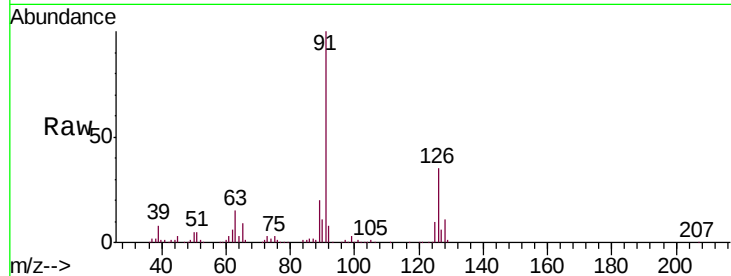
FL-0519MS

Tgt Ion: 91 Resp: 409164

Ion Ratio Lower Upper

91 100

126 34.6 17.5 52.6



#80

1,3,5-Trimethylbenzene

Concen: 60.238 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025903.D

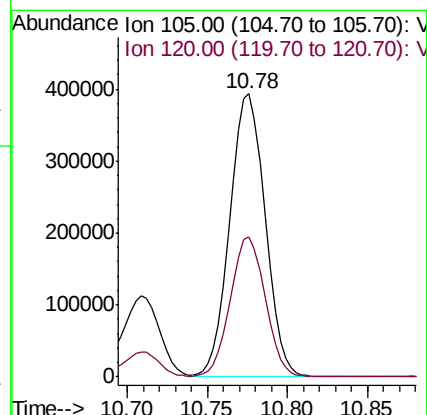
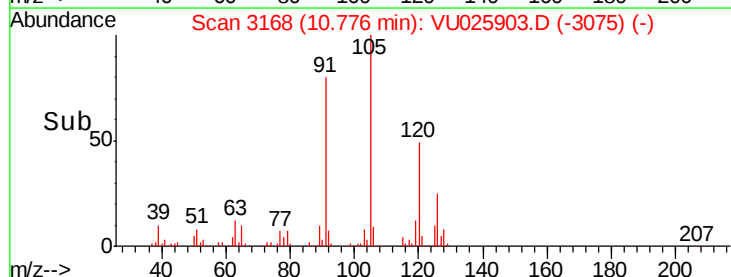
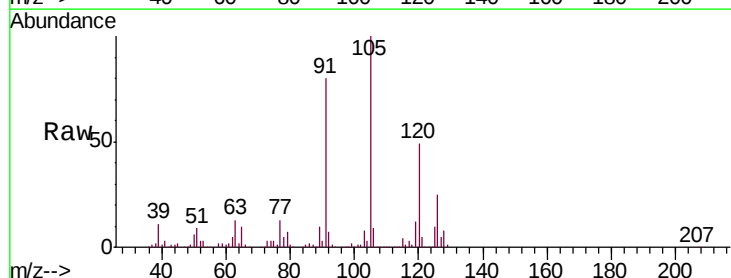
Acq: 06 Aug 2018 21:59

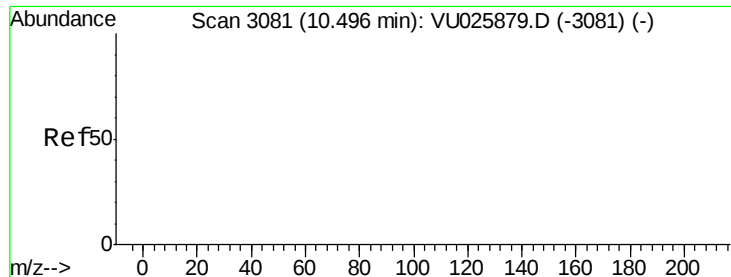
Tgt Ion: 105 Resp: 593033

Ion Ratio Lower Upper

105 100

120 49.0 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 151.181 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU025903.D

Acq: 06 Aug 2018 21:59

Instrument :

MSVOA_U

ClientSampleId :

FL-0519MS

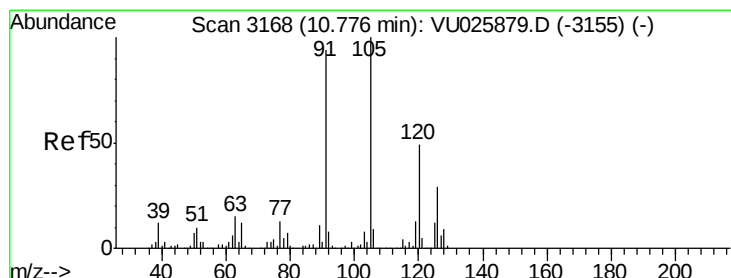
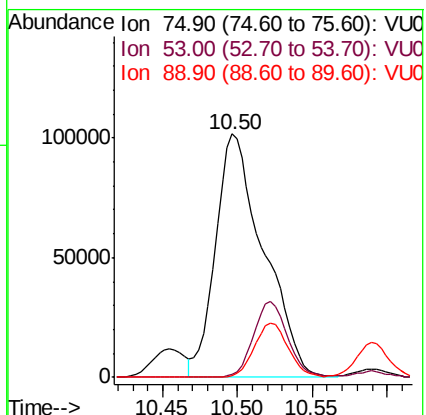
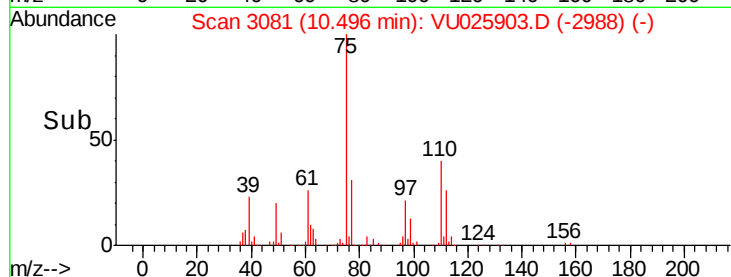
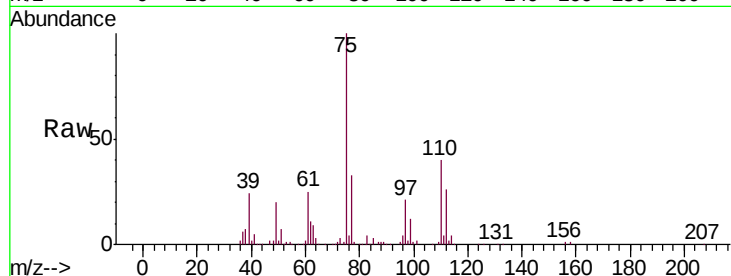
Tgt Ion: 75 Resp: 225620

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0



#82

4-Chlorotoluene

Concen: 52.604 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025903.D

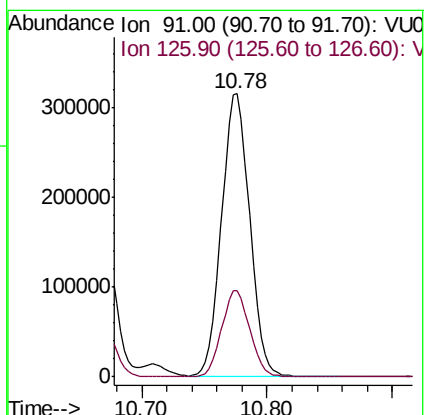
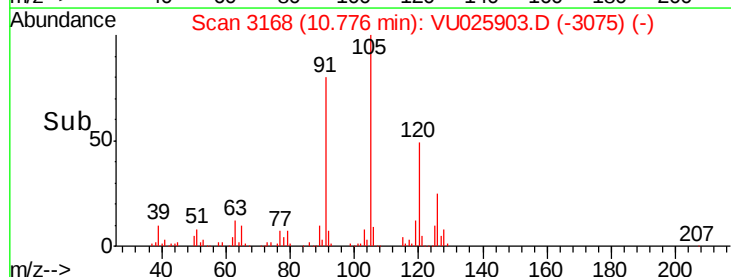
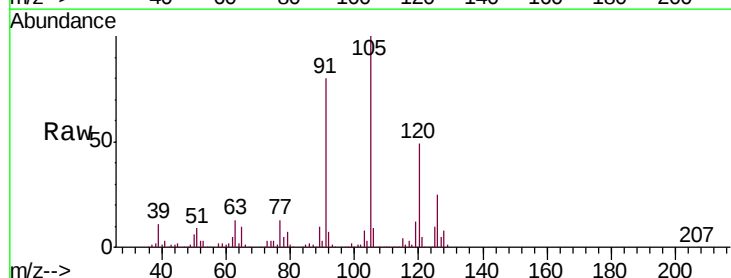
Acq: 06 Aug 2018 21:59

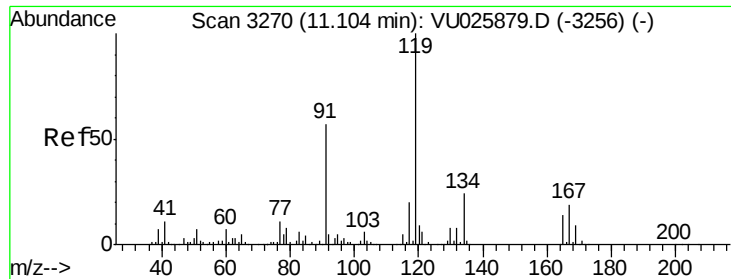
Tgt Ion: 91 Resp: 491394

Ion Ratio Lower Upper

91 100

126 30.4 15.3 45.9

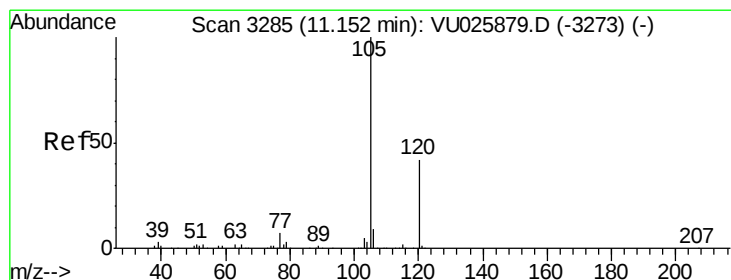
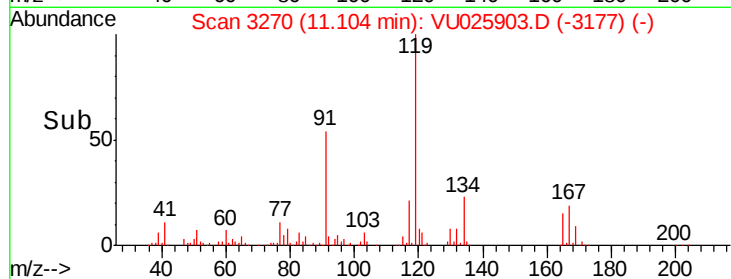
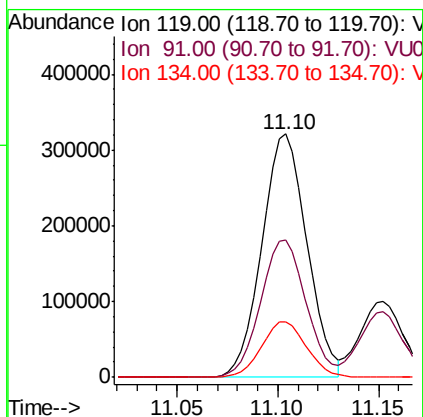
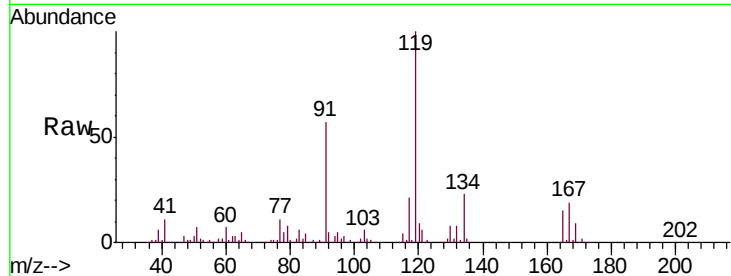




#83
 tert-Butylbenzene
 Concen: 51.076 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU025903.D
 Acq: 06 Aug 2018 21:59

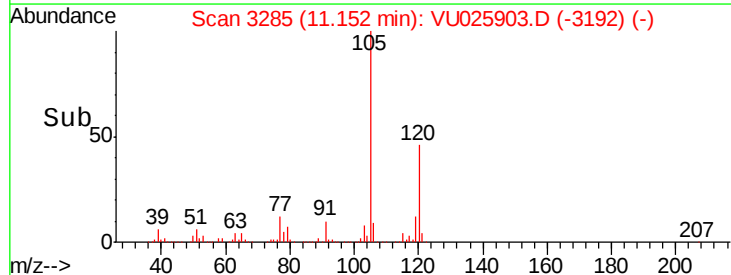
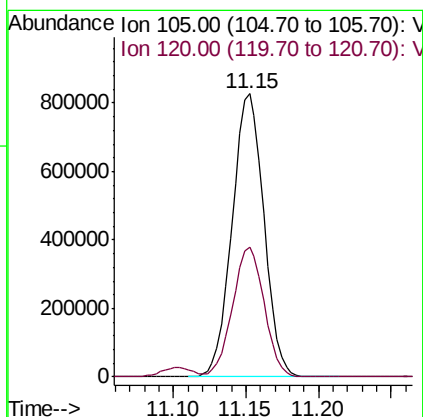
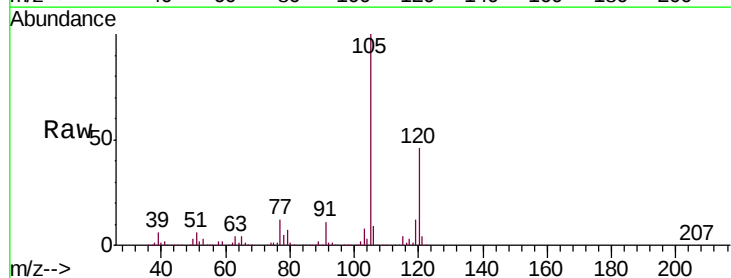
Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0519MS

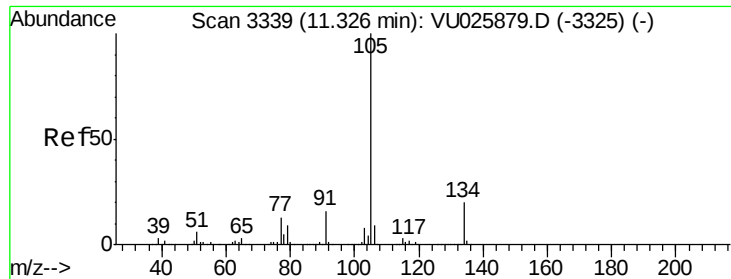
Tgt Ion:119 Resp: 499594
 Ion Ratio Lower Upper
 119 100
 91 57.0 29.7 89.1
 134 22.8 11.5 34.5



#84
 1,2,4-Trimethylbenzene
 Concen: 125.685 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025903.D
 Acq: 06 Aug 2018 21:59

Tgt Ion:105 Resp: 1253868
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.3 66.8





#85

sec-Butylbenzene

Concen: 50.511 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU025903.D

Acq: 06 Aug 2018 21:59

Instrument :

MSVOA_U

ClientSampleId :

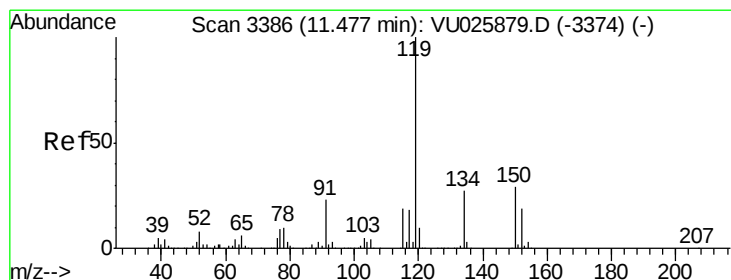
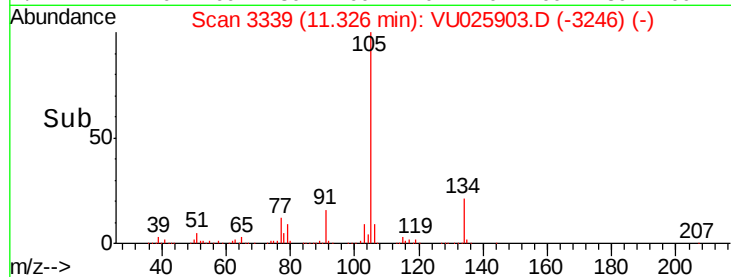
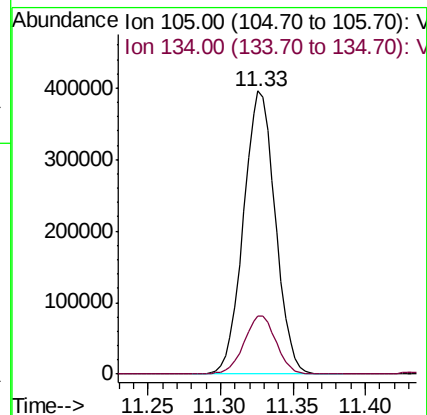
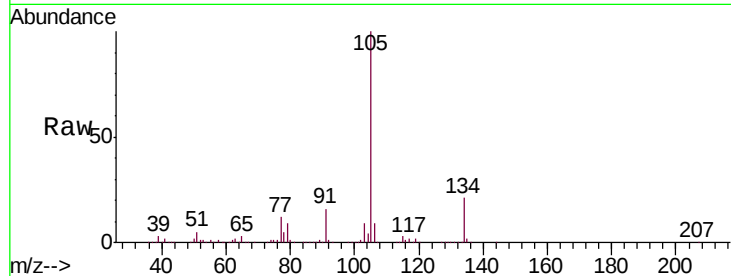
FL-0519MS

Tgt Ion:105 Resp: 603221

Ion Ratio Lower Upper

105 100

134 20.8 10.3 30.8



#86

p-Isopropyltoluene

Concen: 51.203 ug/l

RT: 11.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VU025903.D

Acq: 06 Aug 2018 21:59

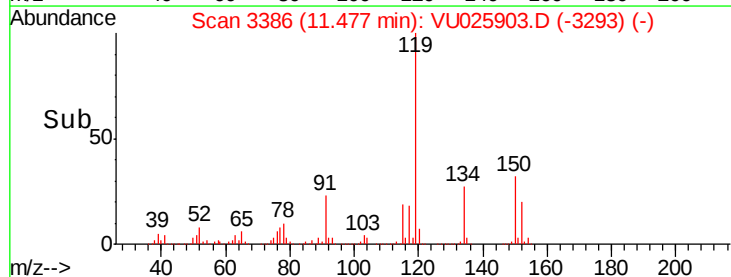
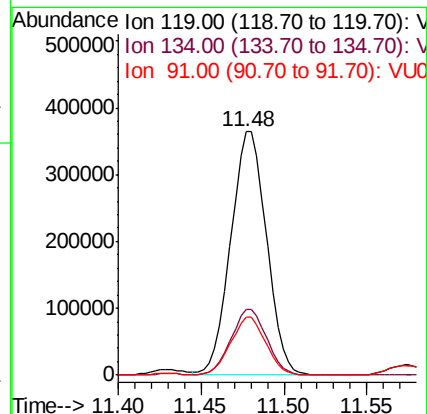
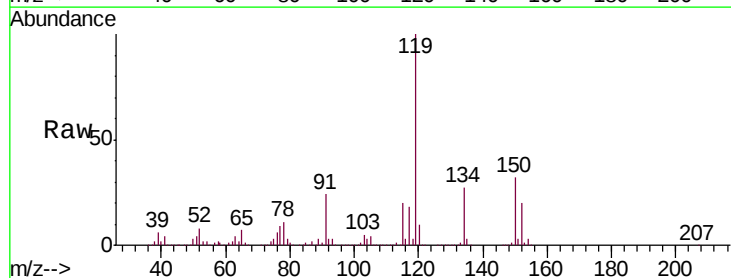
Tgt Ion:119 Resp: 547536

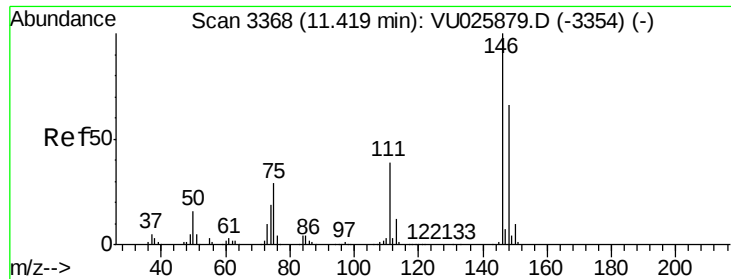
Ion Ratio Lower Upper

119 100

134 26.9 13.2 39.5

91 23.5 12.0 36.1

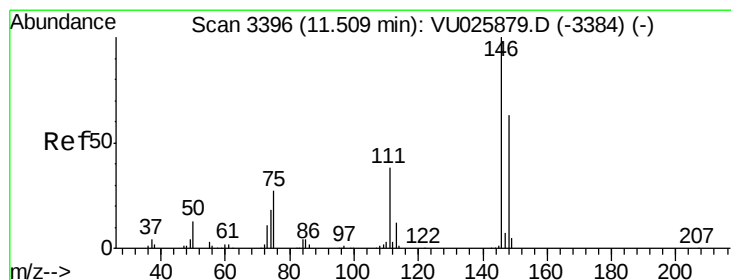
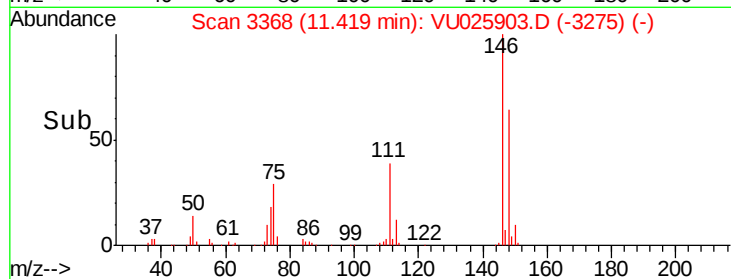
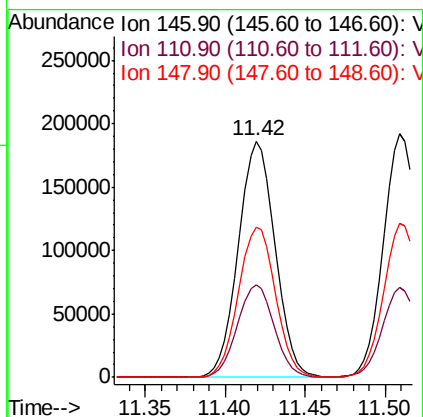
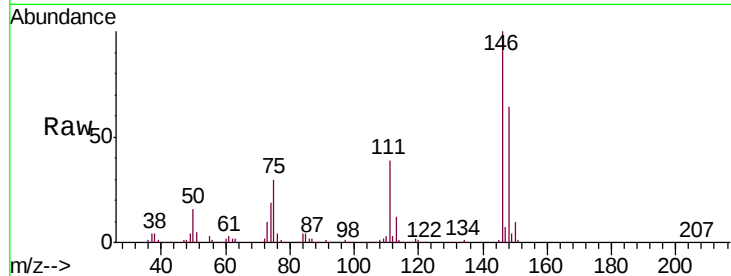




#87
 1,3-Dichlorobenzene
 Concen: 49.112 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU025903.D
 Acq: 06 Aug 2018 21:59

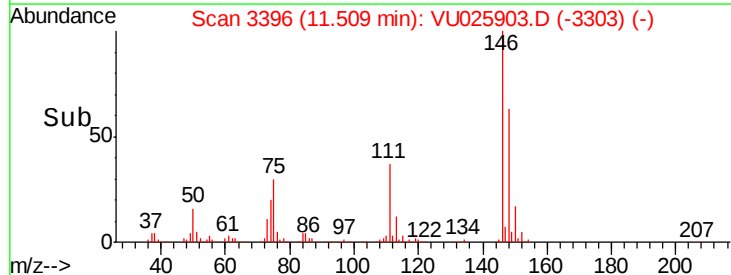
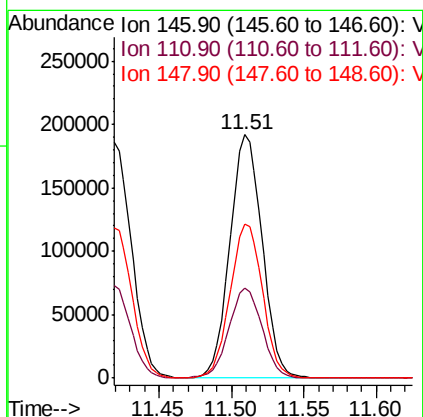
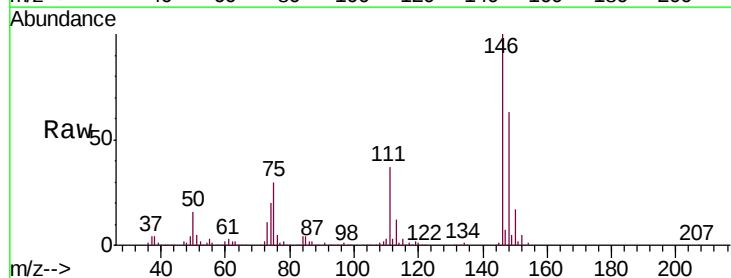
Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0519MS

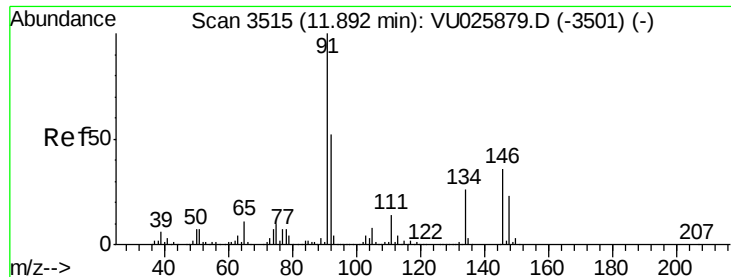
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.7	59.1
148	64.3	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 47.811 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU025903.D
 Acq: 06 Aug 2018 21:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.4	58.1
148	64.1	31.7	95.1

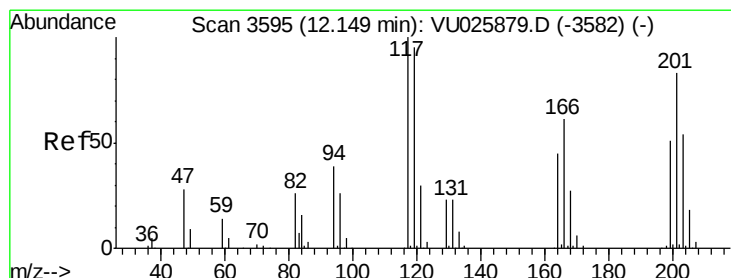
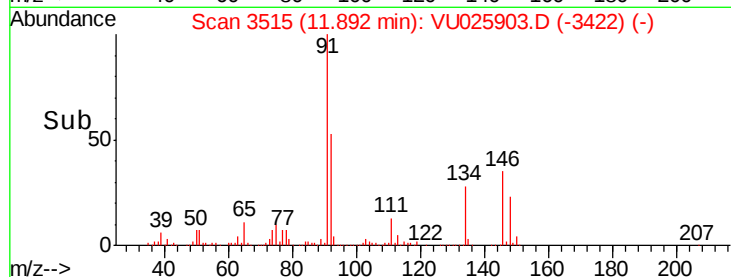
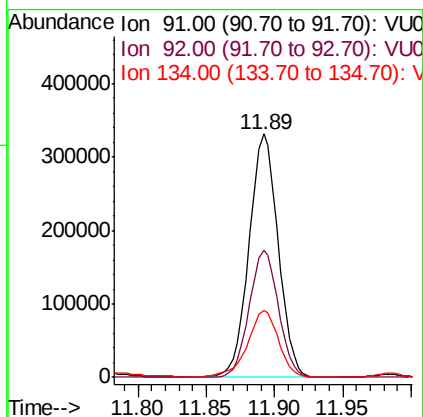
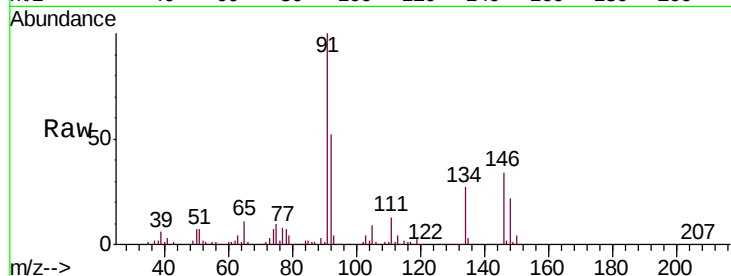




#89
n-Butylbenzene
Concen: 49.783 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. 0.00 min
Lab File: VU025903.D
Acq: 06 Aug 2018 21:59

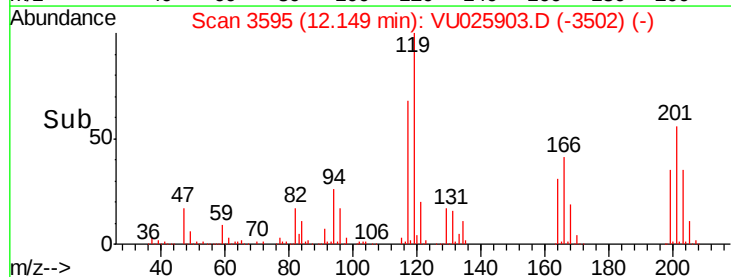
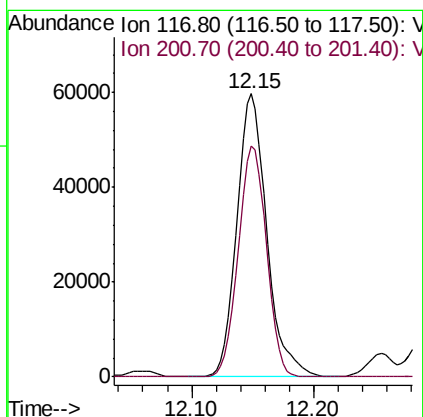
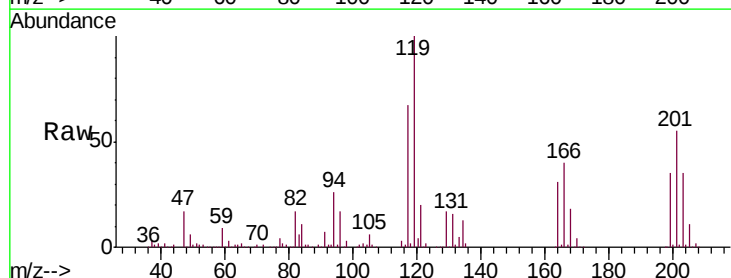
Instrument :
MSVOA_U
ClientSampleId :
FL-0519MS

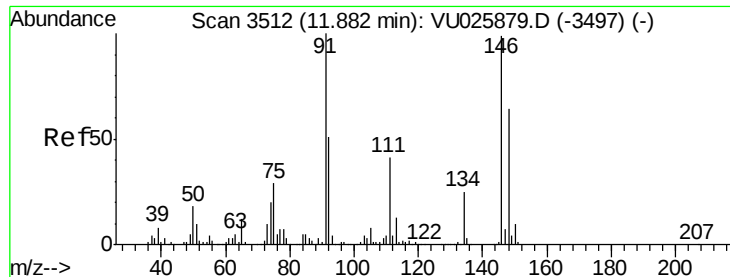
Tgt Ion: 91 Resp: 491257
Ion Ratio Lower Upper
91 100
92 52.5 26.5 79.5
134 29.6 13.6 40.7



#90
Hexachloroethane
Concen: 53.352 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. 0.00 min
Lab File: VU025903.D
Acq: 06 Aug 2018 21:59

Tgt Ion: 117 Resp: 101436
Ion Ratio Lower Upper
117 100
201 76.4 42.5 127.6

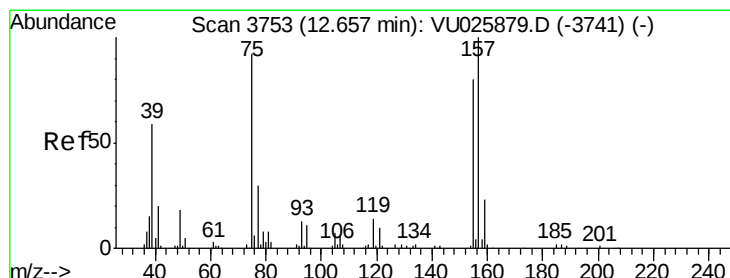
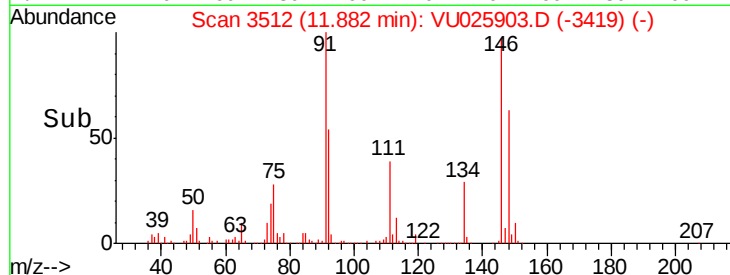
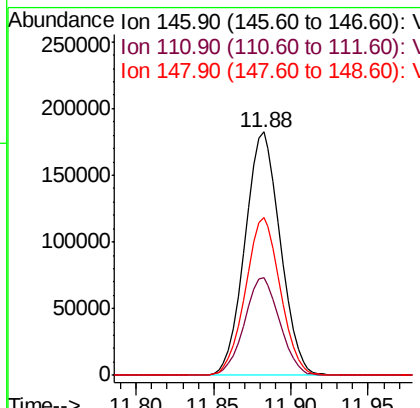
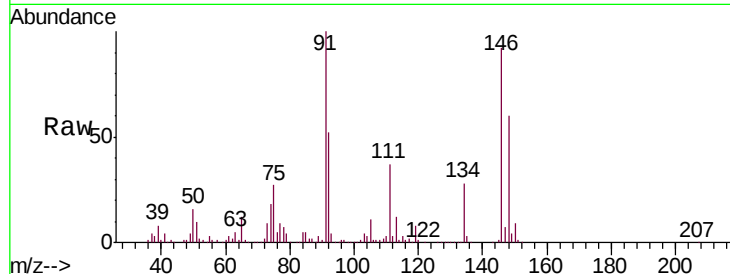




#91
 1,2-Dichlorobenzene
 Concen: 50.011 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU025903.D
 Acq: 06 Aug 2018 21:59

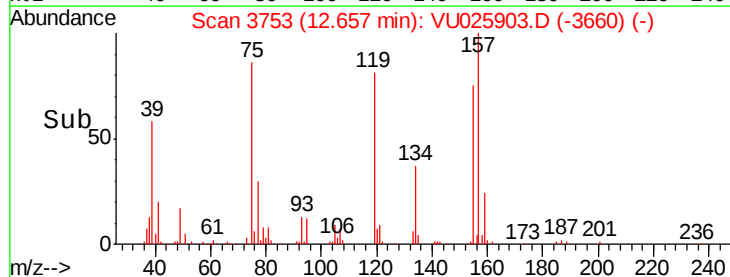
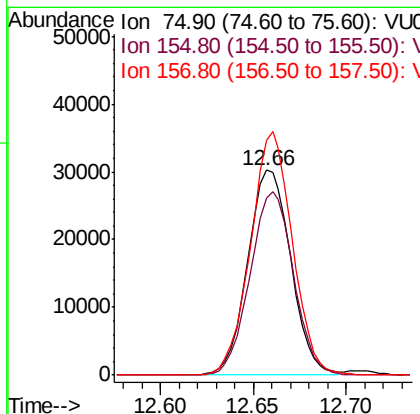
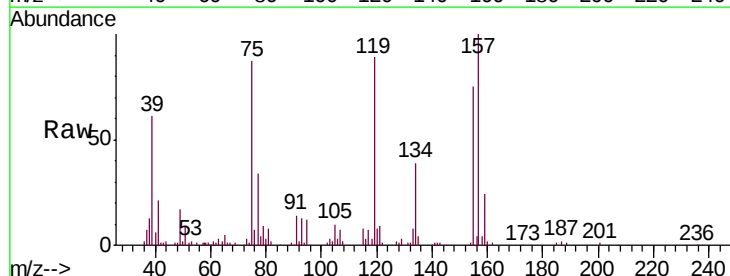
Instrument :
 MSVOA_U
 ClientSampled :
 FL-0519MS

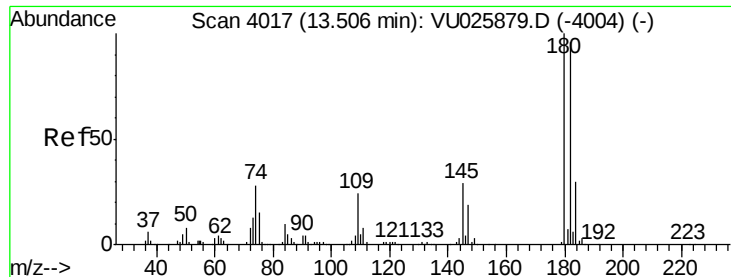
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.6	61.8
148	64.0	31.5	94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.389 ug/l
 RT: 12.66 min Scan# 3753
 Delta R.T. 0.00 min
 Lab File: VU025903.D
 Acq: 06 Aug 2018 21:59

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.8	44.5	133.3
157	115.1	57.0	170.8

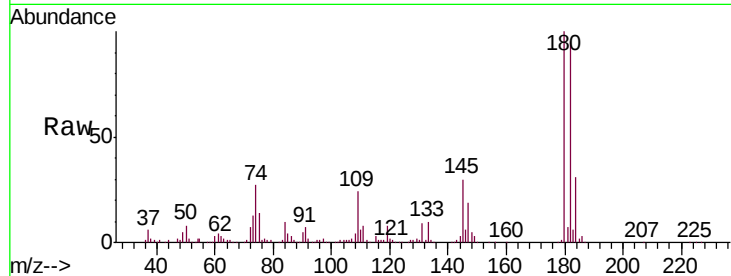




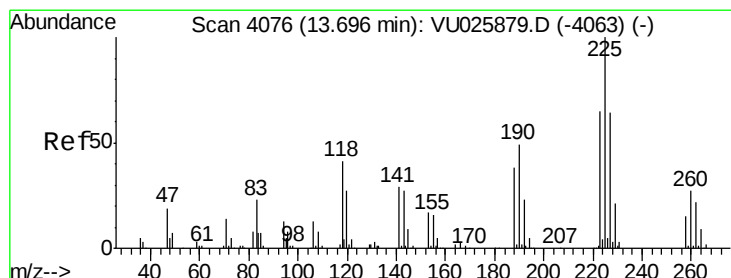
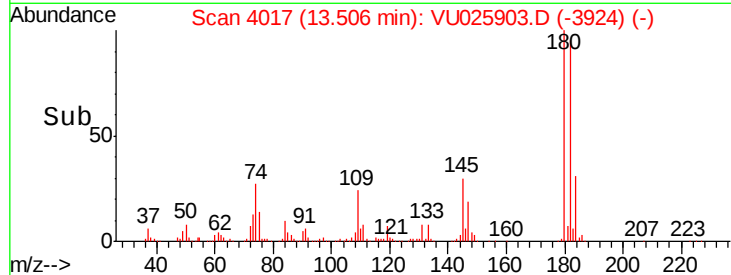
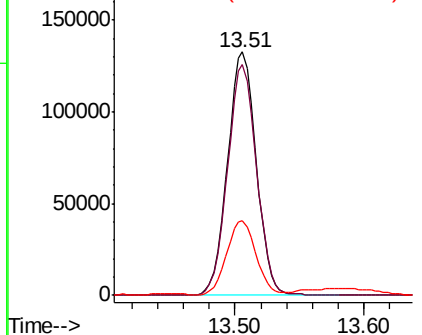
#93
 1,2,4-Trichlorobenzene
 Concen: 52.307 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU025903.D
 Acq: 06 Aug 2018 21:59

Instrument :
 MSVOA_U
 ClientSampled :
 FL-0519MS

Tgt Ion:180 Resp: 205370
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.3 141.9
 145 30.6 14.9 44.7

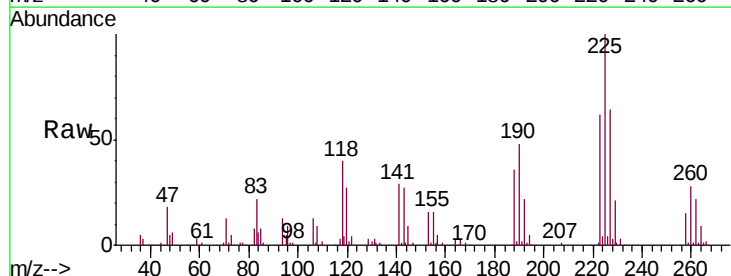


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

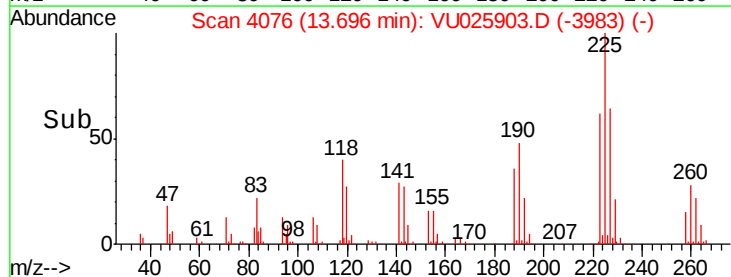
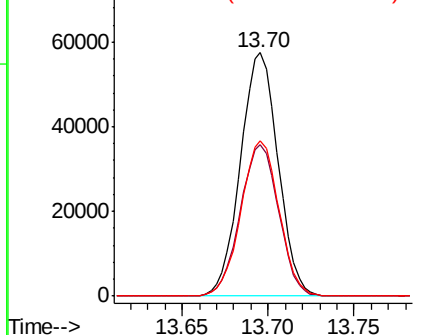


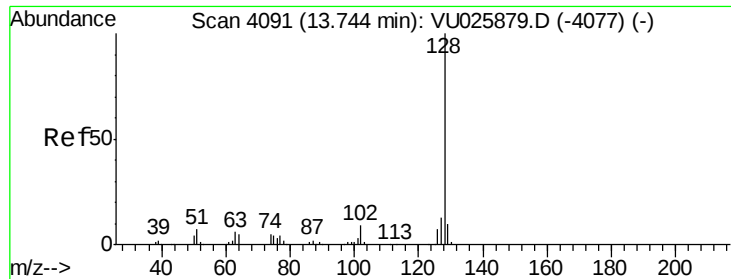
#94
 Hexachlorobutadiene
 Concen: 42.176 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU025903.D
 Acq: 06 Aug 2018 21:59

Tgt Ion:225 Resp: 87289
 Ion Ratio Lower Upper
 225 100
 223 63.5 31.9 95.7
 227 64.4 32.3 96.9



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

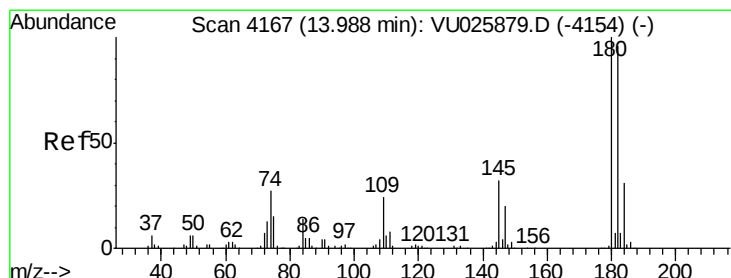
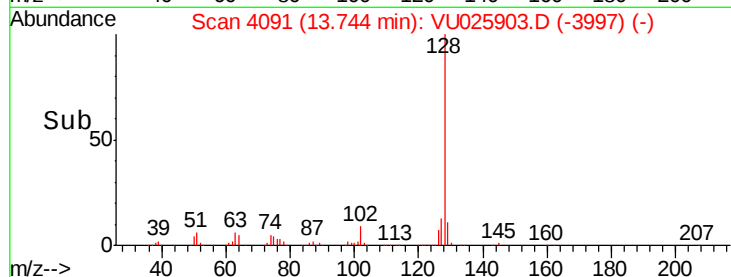
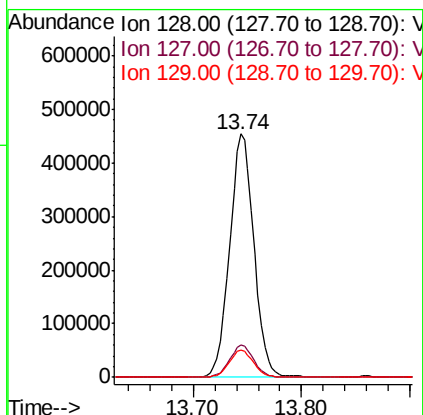
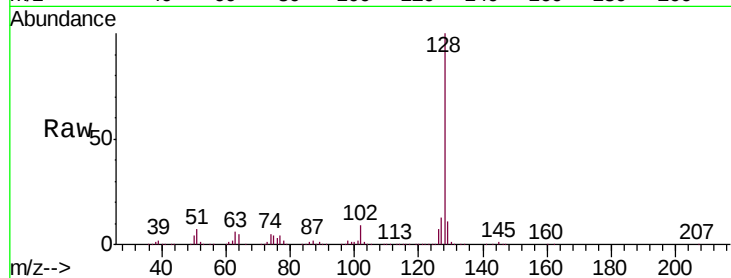




#95
Naphthalene
Concen: 56.421 ug/l
RT: 13.74 min Scan# 4091
Delta R.T. 0.00 min
Lab File: VU025903.D
Acq: 06 Aug 2018 21:59

Instrument :
MSVOA_U
ClientSampleId :
FL-0519MS

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	11.2	8.3	12.5



#96
1,2,3-Trichlorobenzene
Concen: 51.798 ug/l
RT: 13.99 min Scan# 4167
Delta R.T. -0.00 min
Lab File: VU025903.D
Acq: 06 Aug 2018 21:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.2	47.8	143.3
145	37.3	15.6	46.8

