

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022321\
 Data File : VU042416.D
 Acq On : 23 Feb 2021 13:11
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050163

Quant Time: Feb 24 03:54:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM020521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 24 03:51:21 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	217330	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	205230	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	115503	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	73710	45.07	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	90.14%		
7) Chloroethane-d5	1.916	69	60238	53.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	107.40%		
11) 1,1-Dichloroethene-d2	2.575	63	168426	48.25	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	96.50%		
21) 2-Butanone-d5	4.636	46	162752	96.18	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.18%		
24) Chloroform-d	5.073	84	165141	50.27	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.54%		
26) 1,2-Dichloroethane-d4	5.710	65	117027	50.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.72%		
32) Benzene-d6	5.735	84	295251	49.52	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.04%		
36) 1,2-Dichloropropane-d6	6.700	67	98582	49.50	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.00%		
41) Toluene-d8	7.906	98	284087	50.29	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.58%		
43) trans-1,3-Dichloroprop...	8.185	79	52970	51.16	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	102.32%		
47) 2-Hexanone-d5	8.642	63	109385	97.13	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	97.13%		
56) 1,1,2,2-Tetrachloroeth...	10.764	84	146824	49.52	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	99.04%		
66) 1,2-Dichlorobenzene-d4	12.201	152	119451	49.32	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.64%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	89668	49.23	ug/L	98
3) Chloromethane	1.523	50	82830	49.81	ug/L	99
5) Vinyl chloride	1.607	62	83960	50.93	ug/L	97
6) Bromomethane	1.861	94	52145	56.48	ug/L	98
8) Chloroethane	1.935	64	52432	57.91	ug/L	98
9) Trichlorofluoromethane	2.141	101	137261	53.97	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	79159	51.95	ug/L	99
12) 1,1-Dichloroethene	2.588	96	70596	50.60	ug/L	98
13) Acetone	2.639	43	186014	121.69	ug/L	100
14) Carbon disulfide	2.803	76	205640	48.95	ug/L	99
15) Methyl Acetate	2.957	43	114973	48.91	ug/L	100
16) Methylene chloride	3.054	84	79534	50.41	ug/L	99
17) trans-1,2-Dichloroethene	3.363	96	74262	51.08	ug/L	99
18) Methyl tert-butyl Ether	3.372	73	267007	51.05	ug/L	99
19) 1,1-Dichloroethane	3.880	63	152576	50.65	ug/L	98
20) cis-1,2-Dichloroethene	4.678	96	84645	51.80	ug/L	96
22) 2-Butanone	4.716	43	212327	107.27	ug/L	99
23) Bromochloromethane	4.983	128	44067	50.80	ug/L	96
25) Chloroform	5.099	83	158623	51.89	ug/L	100
27) 1,2-Dichloroethane	5.803	62	140511	51.98	ug/L	99

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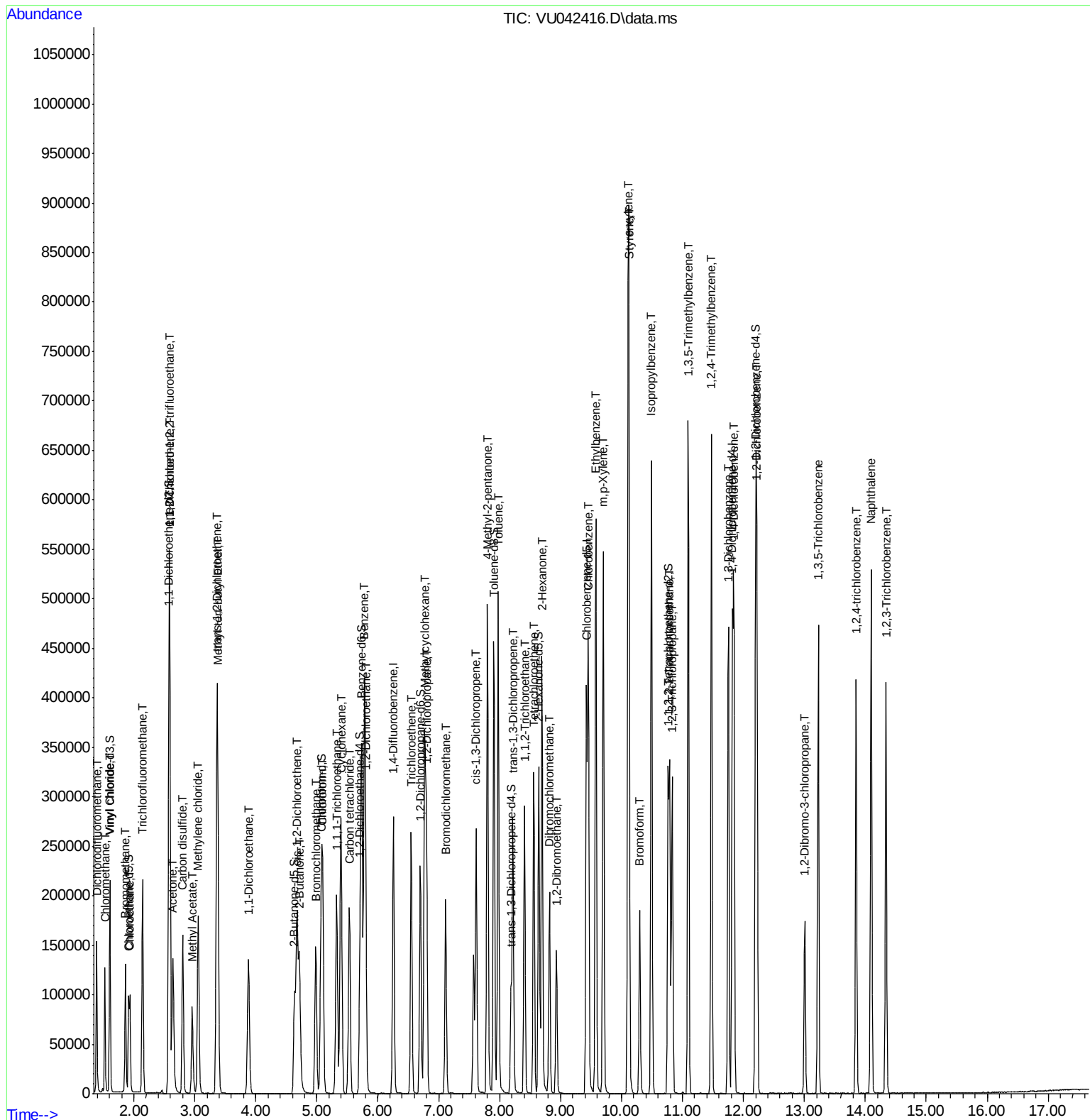
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	5.398	56	138084	50.50	ug/L	99
30) 1,1,1-Trichloroethane	5.327	97	142711	50.82	ug/L	99
31) Carbon tetrachloride	5.536	117	122699	50.79	ug/L	100
33) Benzene	5.784	78	317735	50.64	ug/L	100
34) Trichloroethene	6.549	95	85932	52.27	ug/L	97
35) Methylcyclohexane	6.771	83	131919	52.08	ug/L	98
37) 1,2-Dichloropropane	6.800	63	89391	50.88	ug/L	100
38) Bromodichloromethane	7.115	83	120314	50.95	ug/L	97
39) cis-1,3-Dichloropropene	7.616	75	140767	51.45	ug/L	98
40) 4-Methyl-2-pentanone	7.800	43	346657	99.93	ug/L	98
42) Toluene	7.976	91	348184	51.94	ug/L	100
44) trans-1,3-Dichloropropene	8.218	75	140654	52.18	ug/L	100
45) 1,1,2-Trichloroethane	8.407	97	83019	51.52	ug/L	99
46) Tetrachloroethene	8.562	164	69955	53.85	ug/L	98
48) 2-Hexanone	8.694	43	297769	106.02	ug/L	98
49) Dibromochloromethane	8.819	129	97467	51.93	ug/L	98
50) 1,2-Dibromoethane	8.931	107	92507	51.20	ug/L	99
51) Chlorobenzene	9.456	112	220362	51.80	ug/L	99
52) Ethylbenzene	9.578	91	395843	53.02	ug/L	100
53) m,p-Xylene	9.700	106	145496	52.29	ug/L	99
54) o-xylene	10.108	106	146904	53.08	ug/L	97
55) Styrene	10.121	104	246355	52.07	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.790	83	148928	50.77	ug/L	100
59) Bromoform	10.298	173	80543	49.72	ug/L	99
60) 1,2,3-Trichloropropane	10.832	75	125106	49.14	ug/L	99
61) Isopropylbenzene	10.491	105	396946	51.63	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	343223	51.59	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	347699	51.88	ug/L	100
64) 1,3-Dichlorobenzene	11.754	146	183261	50.55	ug/L	98
65) 1,4-Dichlorobenzene	11.845	146	185157	50.14	ug/L	99
67) 1,2-Dichlorobenzene	12.221	146	187867	50.42	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.005	75	41779	49.33	ug/L	96
69) 1,3,5-Trichlorobenzene	13.227	180	147416	52.75	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	126335	53.89	ug/L	99
71) Naphthalene	14.095	128	392388	53.02	ug/L	100
72) 1,2,3-Trichlorobenzene	14.340	180	125051	52.47	ug/L	100

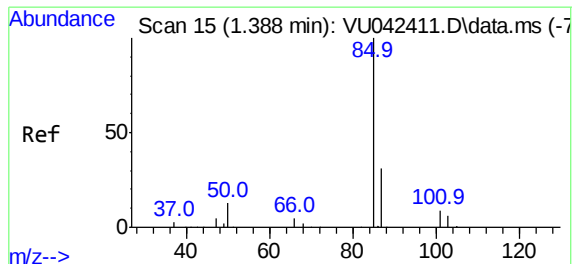
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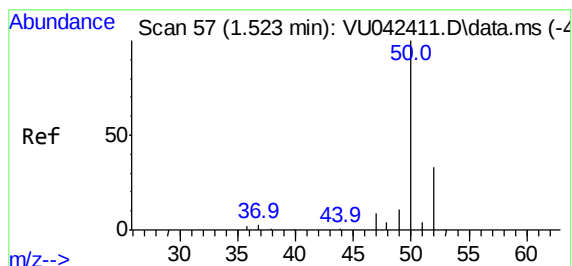
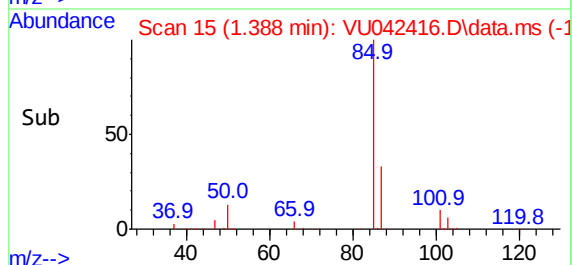
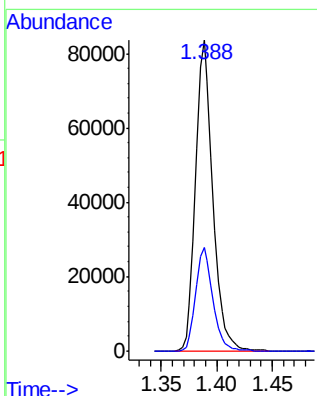
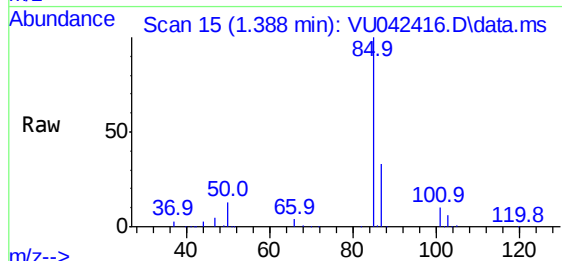




#2
Dichlorodifluoromethane
Concen: 49.23 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU042416.D
Acq: 23 Feb 2021 13:11

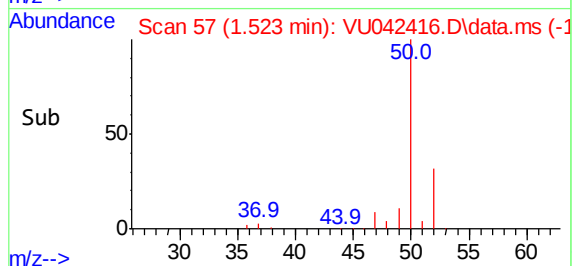
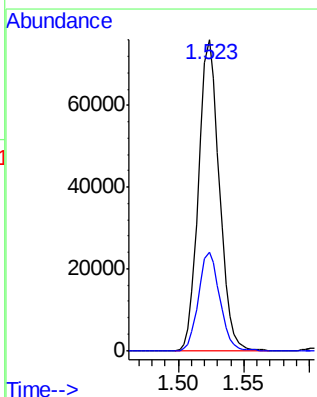
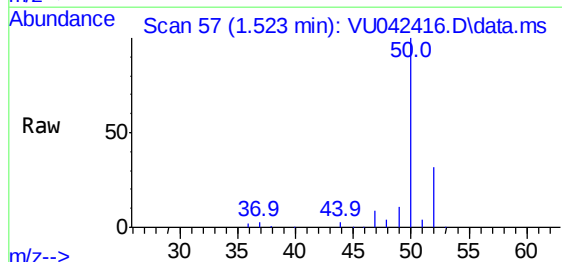
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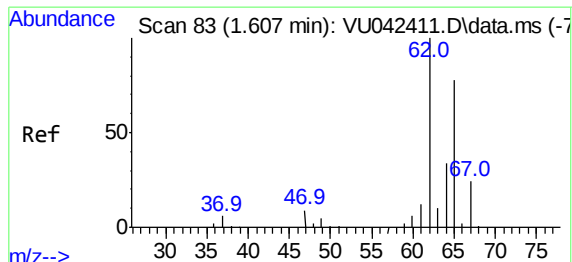
Tgt Ion: 85 Resp: 89668
Ion Ratio Lower Upper
85 100
87 32.9 25.4 38.2



#3
Chloromethane
Concen: 49.81 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042416.D
Acq: 23 Feb 2021 13:11

Tgt Ion: 50 Resp: 82830
Ion Ratio Lower Upper
50 100
52 31.8 22.8 42.4

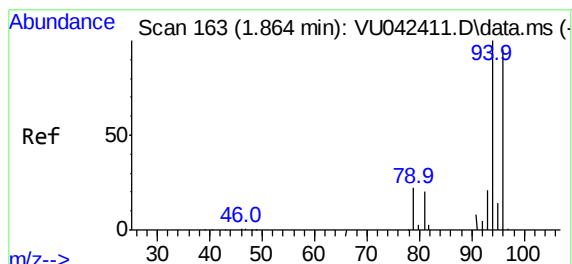
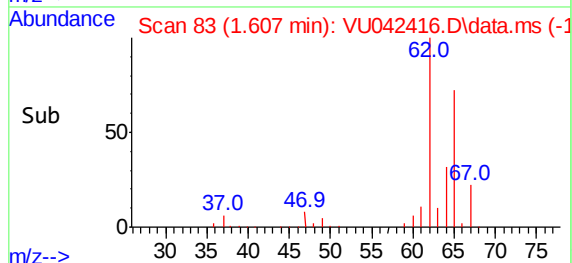
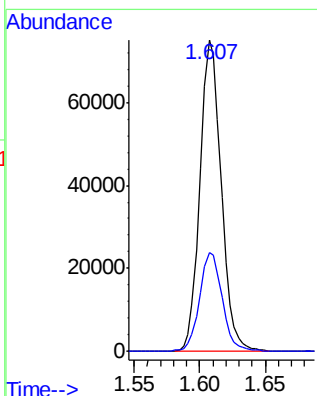
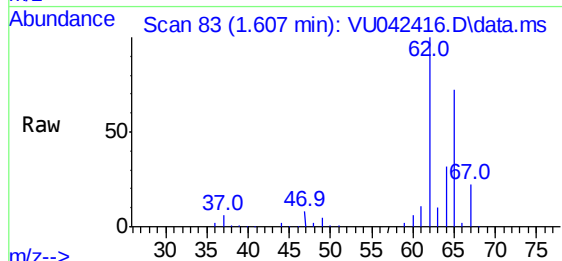




#5
 Vinyl chloride
 Concen: 50.93 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU042416.D
 Acq: 23 Feb 2021 13:11

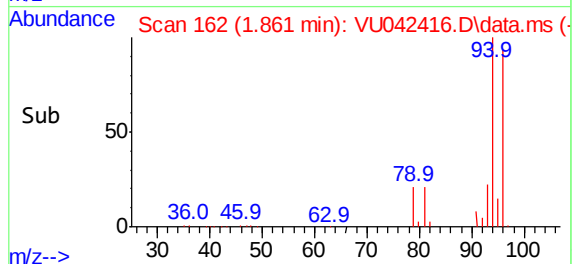
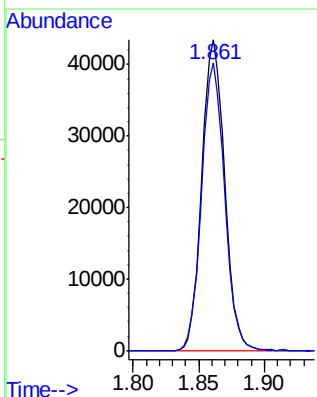
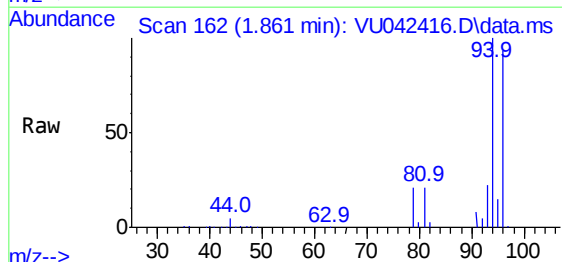
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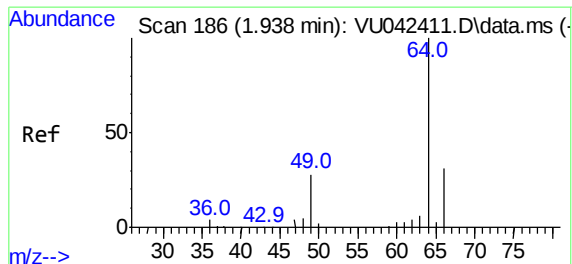
Tgt Ion: 62 Resp: 83960
 Ion Ratio Lower Upper
 62 100
 64 31.8 23.6 43.8



#6
 Bromomethane
 Concen: 56.48 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.003 min
 Lab File: VU042416.D
 Acq: 23 Feb 2021 13:11

Tgt Ion: 94 Resp: 52145
 Ion Ratio Lower Upper
 94 100
 96 92.5 66.3 123.1

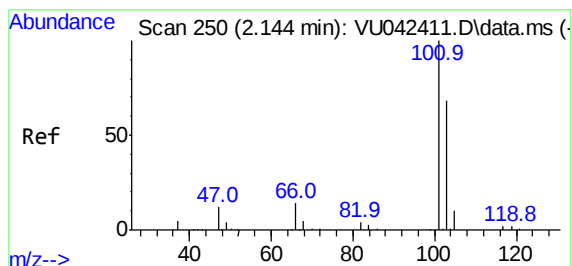
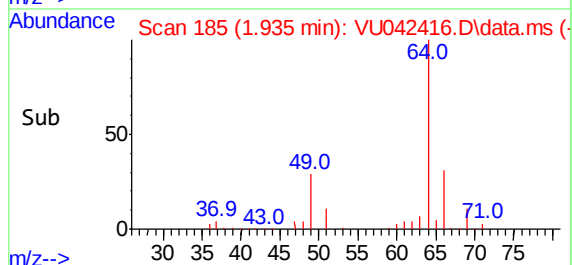
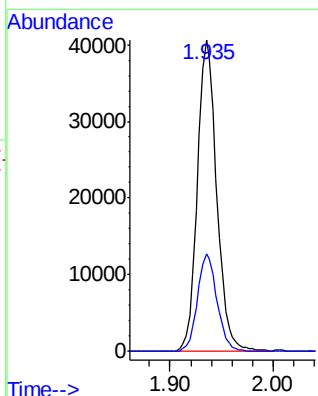
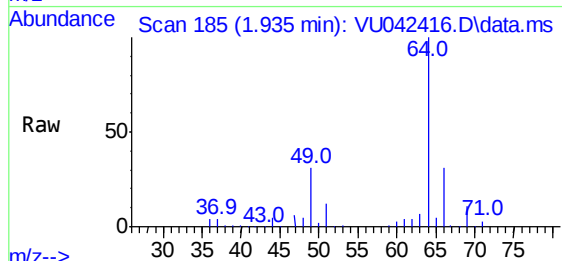




#8
Chloroethane
Concen: 57.91 ug/L
RT: 1.935 min Scan# 185
Delta R.T. -0.003 min
Lab File: VU042416.D
Acq: 23 Feb 2021 13:11

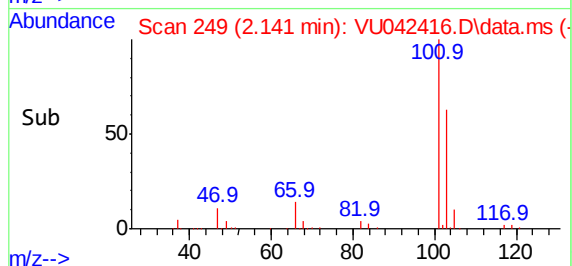
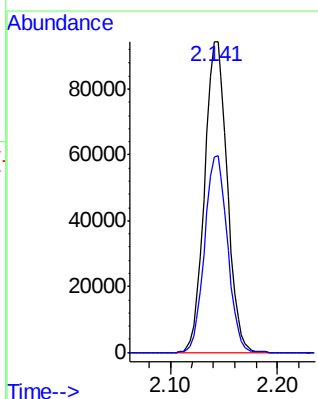
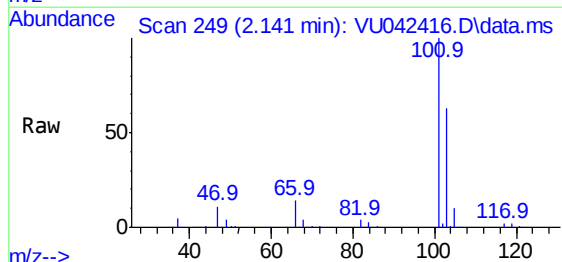
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ClientSampleId :
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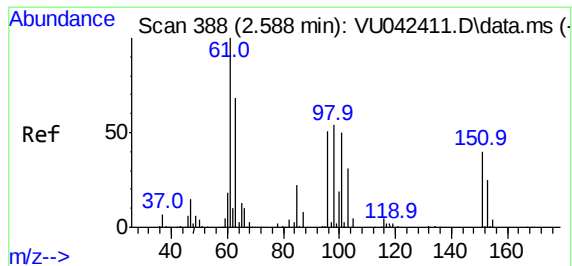
Tgt Ion: 64 Resp: 52432
Ion Ratio Lower Upper
64 100
66 31.0 22.5 41.7



#9
Trichlorofluoromethane
Concen: 53.97 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.003 min
Lab File: VU042416.D
Acq: 23 Feb 2021 13:11

Tgt Ion: 101 Resp: 137261
Ion Ratio Lower Upper
101 100
103 64.0 51.4 77.0

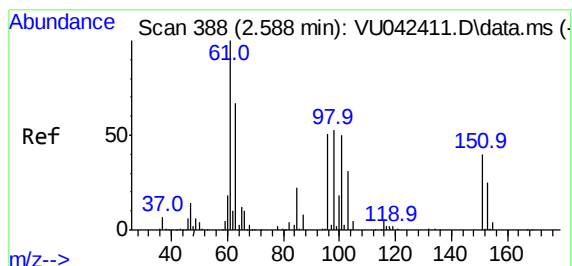
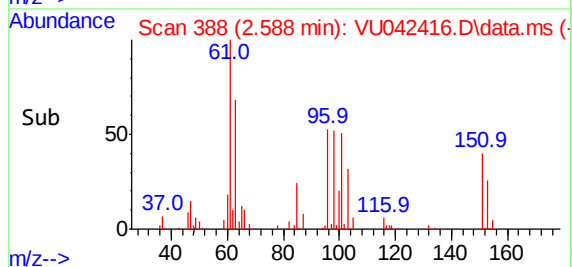
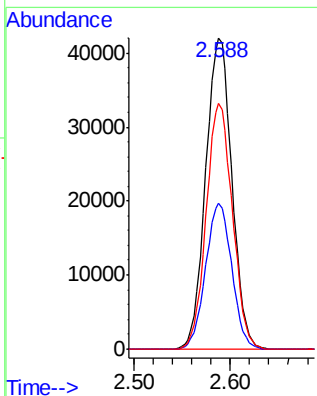
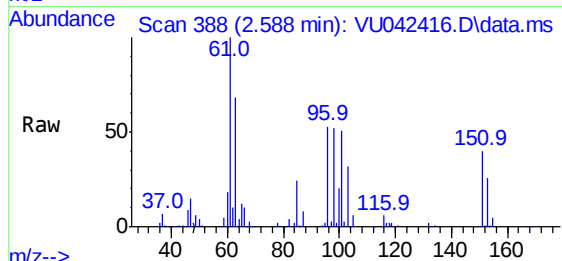




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 51.95 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU042416.D
 Acq: 23 Feb 2021 13:11

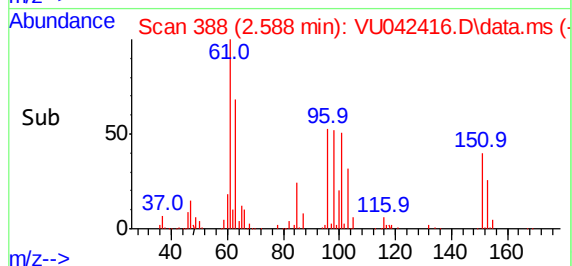
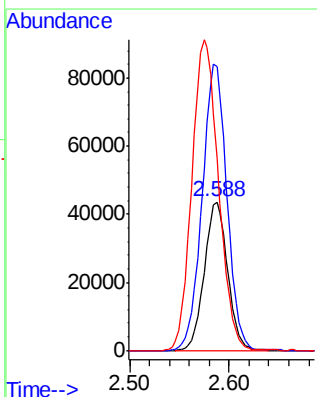
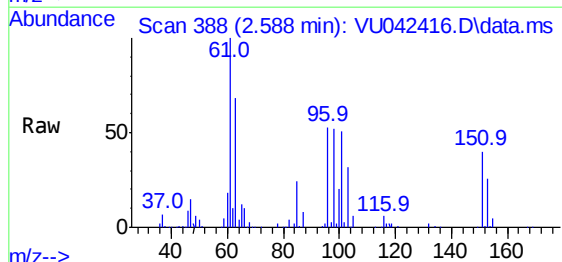
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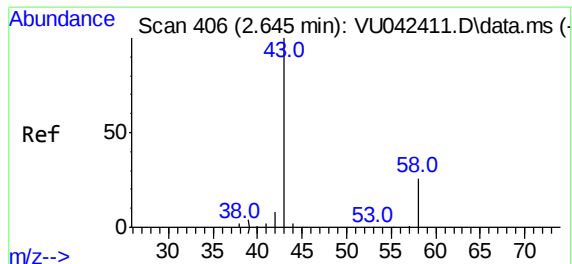
Tgt Ion:101 Resp: 79159
 Ion Ratio Lower Upper
 101 100
 85 46.7 36.7 55.1
 151 79.0 62.9 94.3



#12
 1,1-Dichloroethene
 Concen: 50.60 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU042416.D
 Acq: 23 Feb 2021 13:11

Tgt Ion: 96 Resp: 70596
 Ion Ratio Lower Upper
 96 100
 61 190.4 131.6 244.4
 63 128.8 92.6 172.0

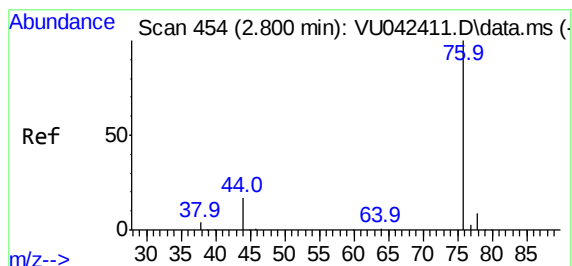
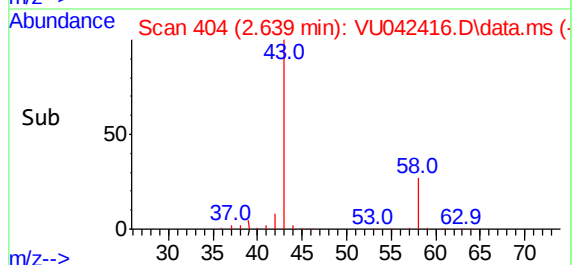
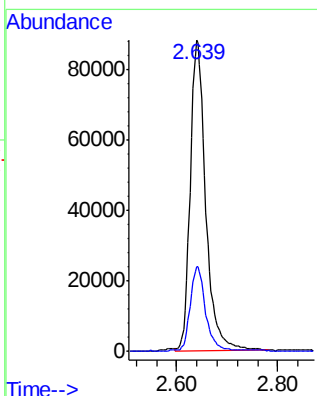
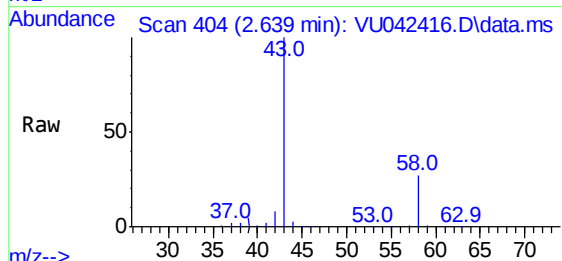




#13
Acetone
Concen: 121.69 ug/L
RT: 2.639 min Scan# 404
Delta R.T. -0.006 min
Lab File: VU042416.D
Acq: 23 Feb 2021 13:11

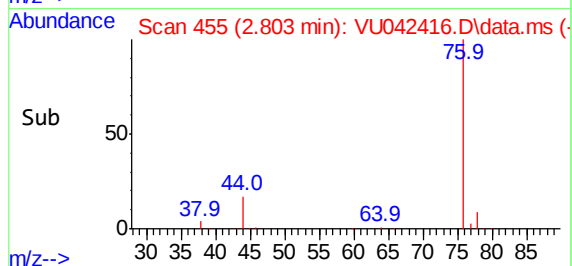
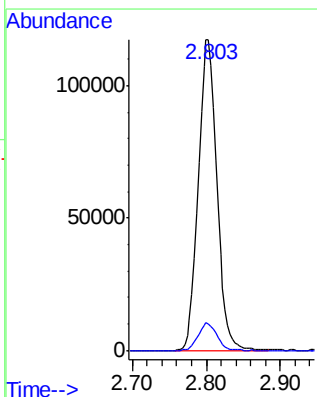
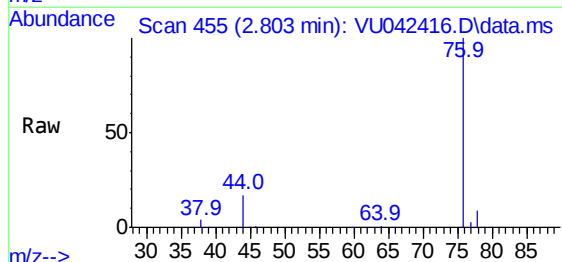
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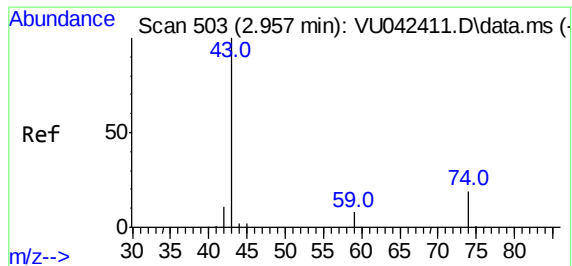
Tgt Ion: 43 Resp: 186014
Ion Ratio Lower Upper
43 100
58 26.8 0.0 54.0



#14
Carbon disulfide
Concen: 48.95 ug/L
RT: 2.803 min Scan# 455
Delta R.T. 0.003 min
Lab File: VU042416.D
Acq: 23 Feb 2021 13:11

Tgt Ion: 76 Resp: 205640
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0

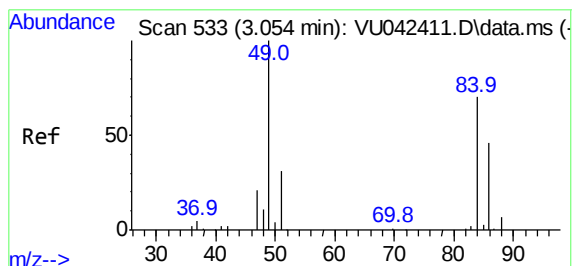
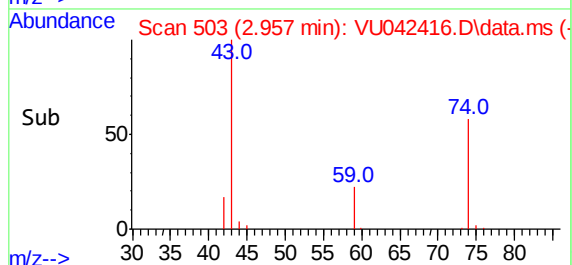
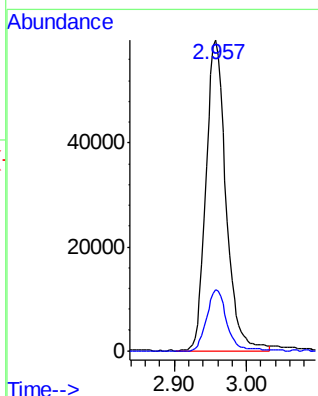
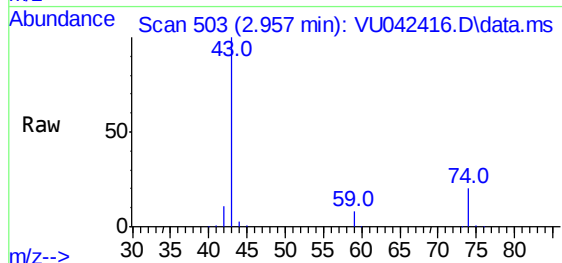




#15
Methyl Acetate
Concen: 48.91 ug/L
RT: 2.957 min Scan# 503
Delta R.T. 0.000 min
Lab File: VU042416.D
Acq: 23 Feb 2021 13:11

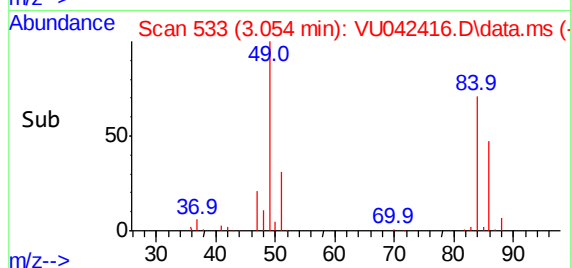
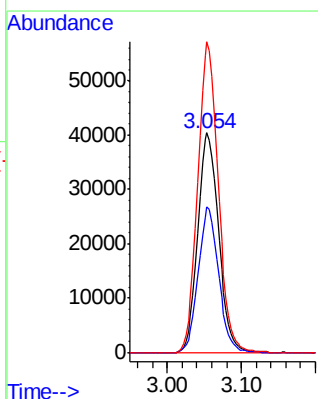
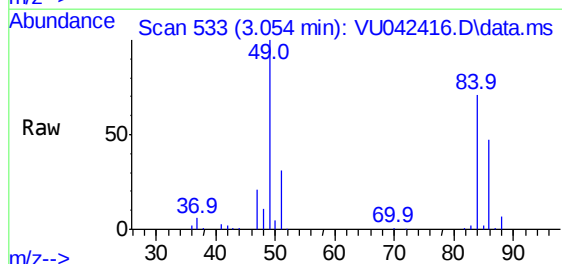
Instrument :
MSVOA_V
ClientSampleId :
VSTD050163

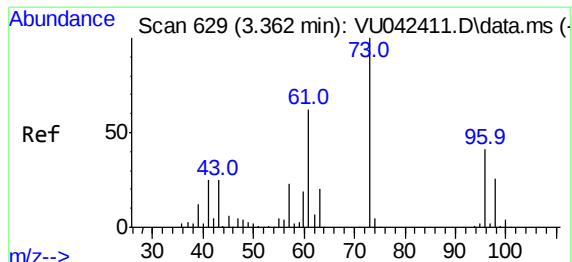
Tgt Ion: 43 Resp: 114973
Ion Ratio Lower Upper
43 100
74 19.9 15.8 23.6



#16
Methylene chloride
Concen: 50.41 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU042416.D
Acq: 23 Feb 2021 13:11

Tgt Ion: 84 Resp: 79534
Ion Ratio Lower Upper
84 100
86 66.1 46.0 85.4
49 141.5 99.5 184.9

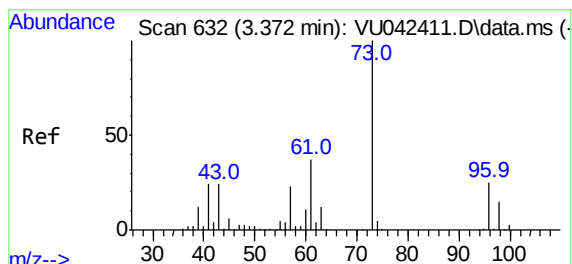
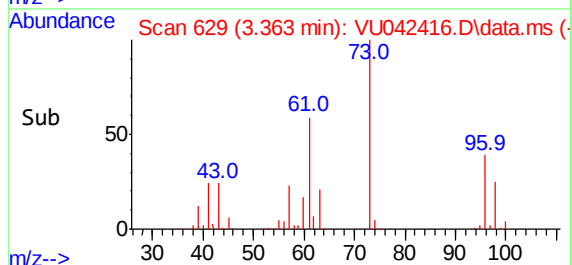
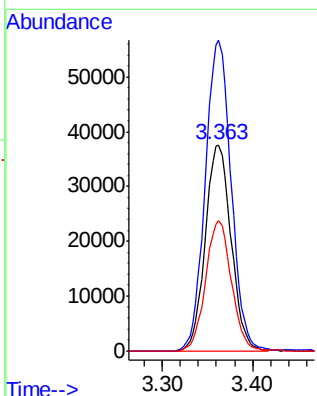
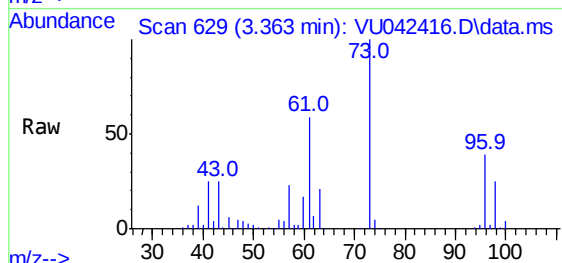




#17
trans-1,2-Dichloroethene
Concen: 51.08 ug/L
RT: 3.363 min Scan# 629
Delta R.T. 0.000 min
Lab File: VU042416.D
Acq: 23 Feb 2021 13:11

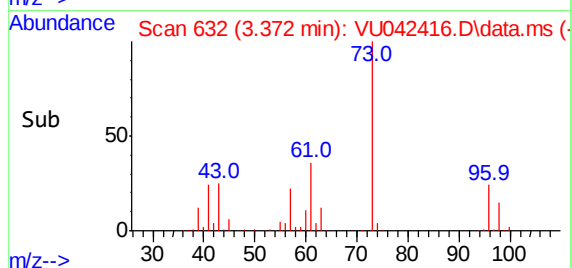
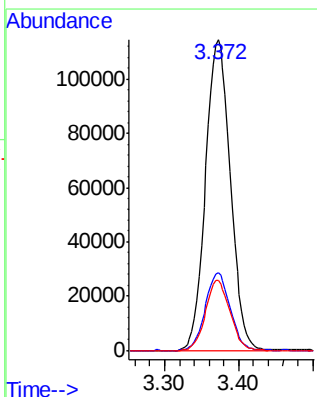
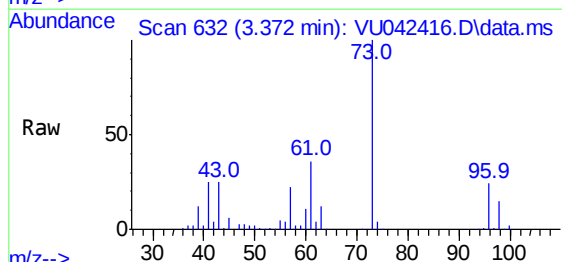
Instrument :
MSVOA_V
ClientSampleId :
VSTD050163

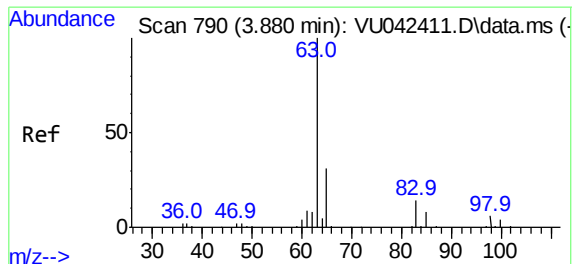
Tgt Ion: 96 Resp: 74262
Ion Ratio Lower Upper
96 100
61 150.6 104.6 194.2
98 62.9 44.4 82.4



#18
Methyl tert-butyl Ether
Concen: 51.05 ug/L
RT: 3.372 min Scan# 632
Delta R.T. 0.000 min
Lab File: VU042416.D
Acq: 23 Feb 2021 13:11

Tgt Ion: 73 Resp: 267007
Ion Ratio Lower Upper
73 100
43 25.0 19.4 29.0
57 22.2 18.2 27.2

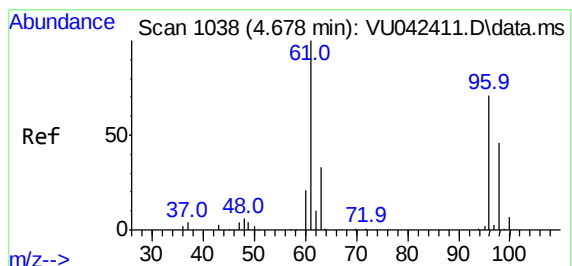
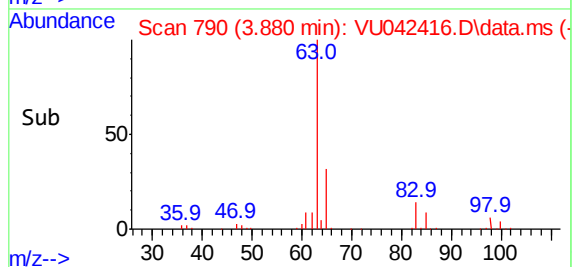
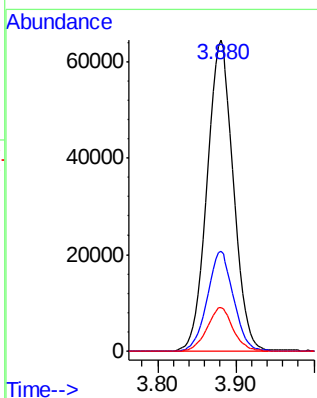
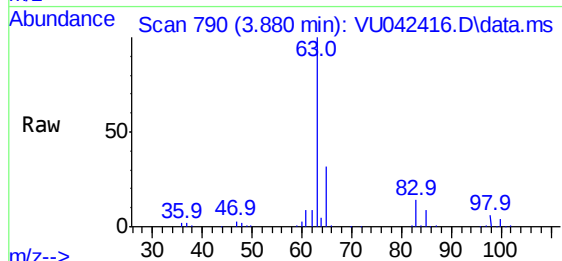




#19
1,1-Dichloroethane
Concen: 50.65 ug/L
RT: 3.880 min Scan# 790
Delta R.T. 0.000 min
Lab File: VU042416.D
Acq: 23 Feb 2021 13:11

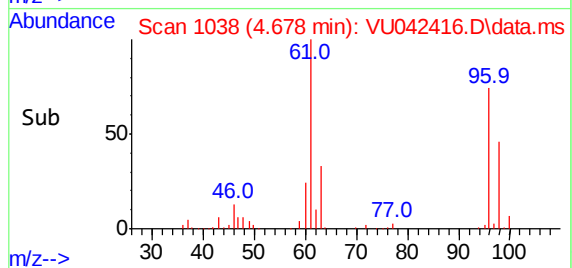
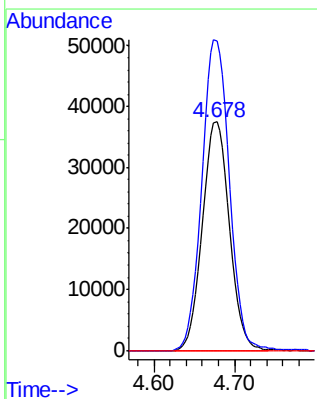
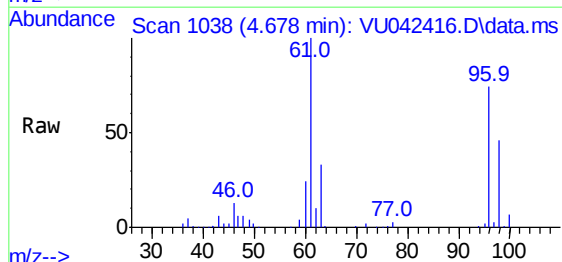
Instrument :
MSVOA_V
ClientSampleId :
VSTD050163

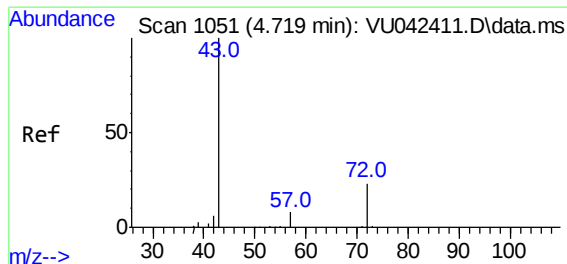
Tgt Ion: 63 Resp: 152576
Ion Ratio Lower Upper
63 100
65 32.2 21.8 40.4
83 14.1 9.1 16.9



#20
cis-1,2-Dichloroethene
Concen: 51.80 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VU042416.D
Acq: 23 Feb 2021 13:11

Tgt Ion: 96 Resp: 84645
Ion Ratio Lower Upper
96 100
61 135.4 98.6 183.0
68 0.0 0.0 0.0

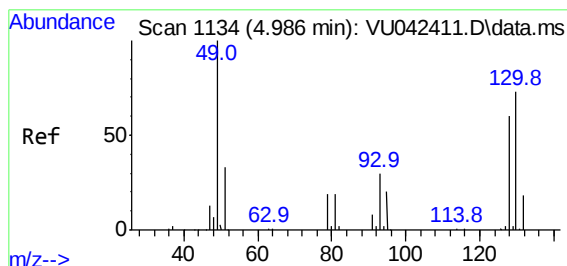
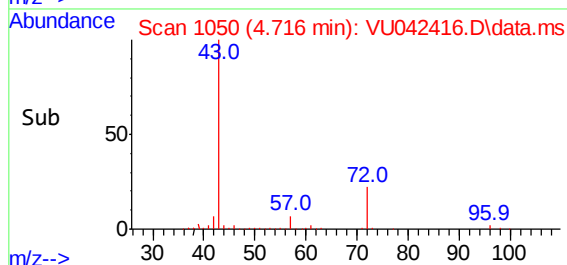
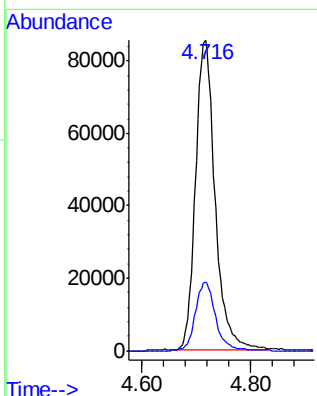
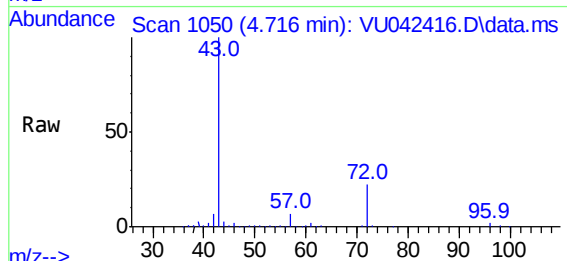




#22
2-Butanone
Concen: 107.27 ug/L
RT: 4.716 min Scan# 1050
Delta R.T. -0.003 min
Lab File: VU042416.D
Acq: 23 Feb 2021 13:11

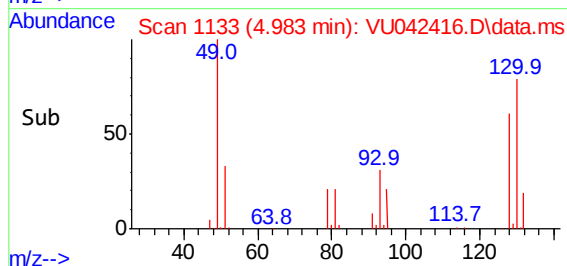
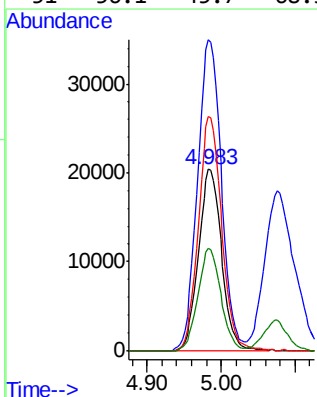
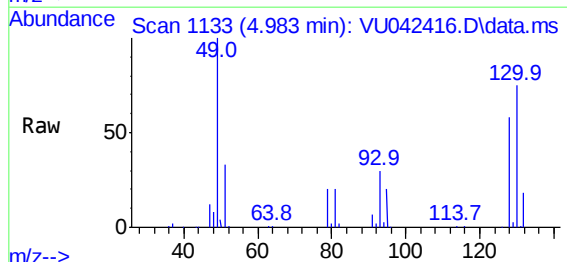
Instrument :
MSVOA_V
ClientSampleId :
VSTD050163

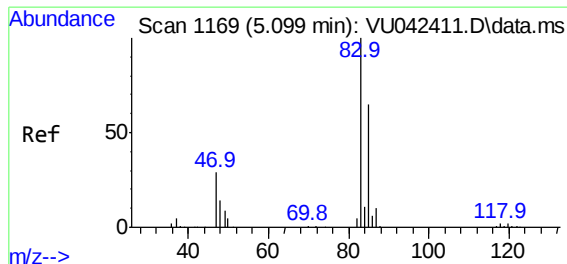
Tgt Ion: 43 Resp: 212327
Ion Ratio Lower Upper
43 100
72 22.9 11.7 35.1



#23
Bromochloromethane
Concen: 50.80 ug/L
RT: 4.983 min Scan# 1133
Delta R.T. -0.003 min
Lab File: VU042416.D
Acq: 23 Feb 2021 13:11

Tgt Ion: 128 Resp: 44067
Ion Ratio Lower Upper
128 100
49 171.6 125.9 233.9
130 129.1 91.7 170.3
51 56.1 45.7 68.5

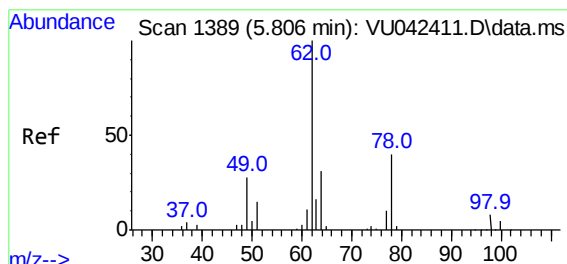
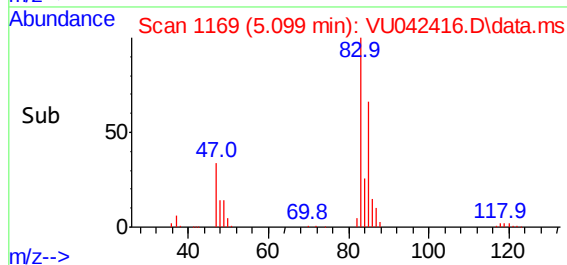
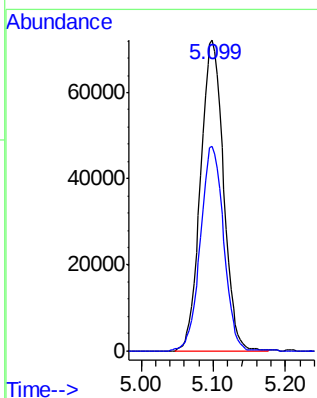
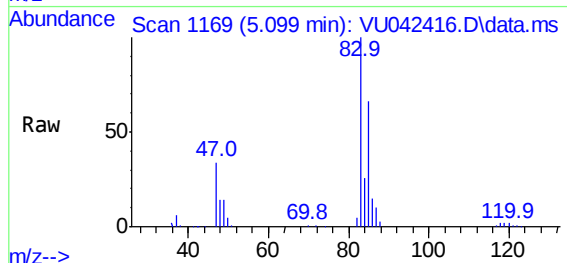




#25
Chloroform
Concen: 51.89 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU042416.D
Acq: 23 Feb 2021 13:11

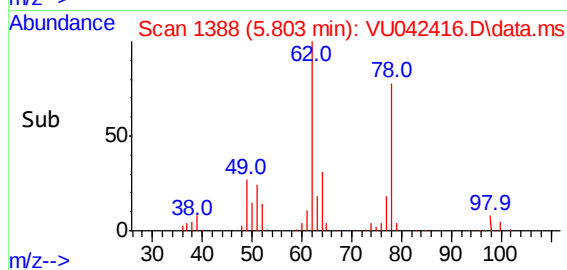
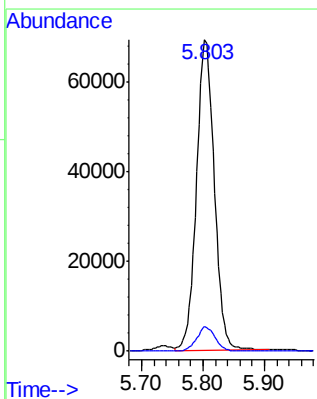
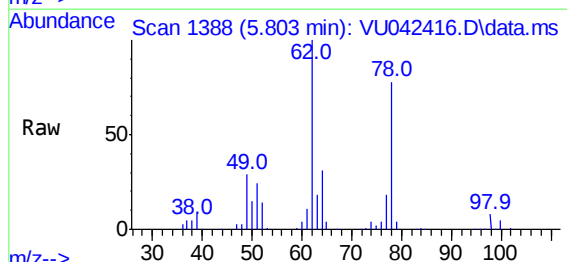
Instrument :
MSVOA_V
ClientSampleId :
VSTD050163

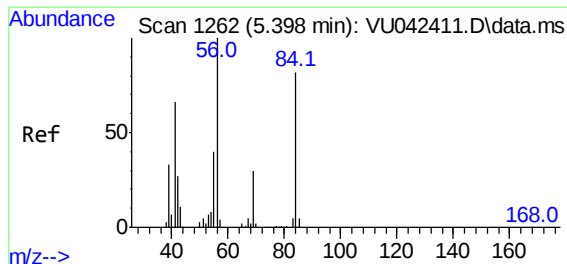
Tgt Ion: 83 Resp: 158623
Ion Ratio Lower Upper
83 100
85 65.7 46.1 85.5



#27
1,2-Dichloroethane
Concen: 51.98 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. -0.003 min
Lab File: VU042416.D
Acq: 23 Feb 2021 13:11

Tgt Ion: 62 Resp: 140511
Ion Ratio Lower Upper
62 100
98 7.7 5.8 8.8



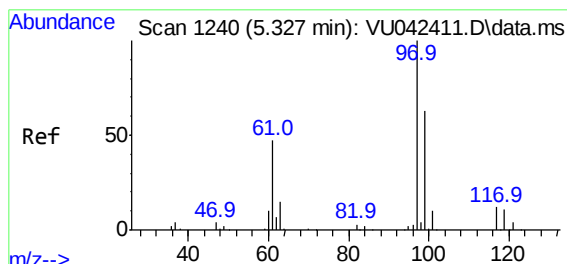
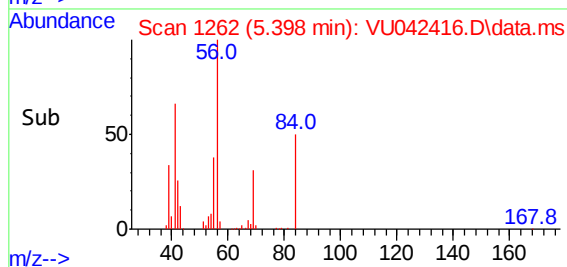
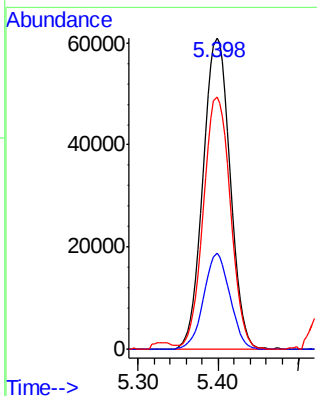
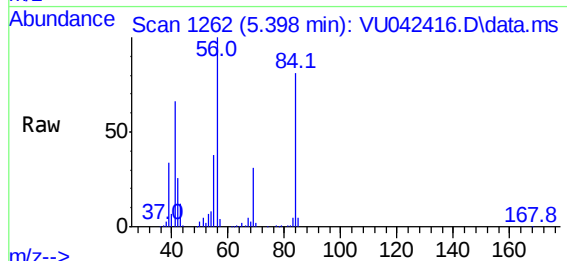


#29
Cyclohexane
Concen: 50.50 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VU042416.D
Acq: 23 Feb 2021 13:11

Instrument :
MSVOA_V
ClientSampleId :
VSTD050163

Tgt Ion: 56 Resp: 138084

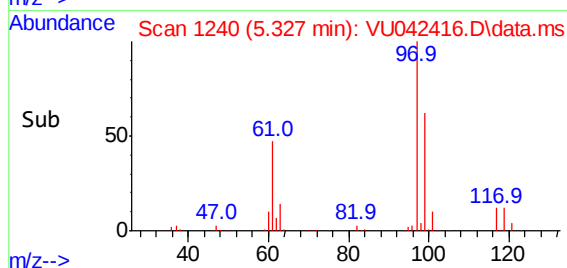
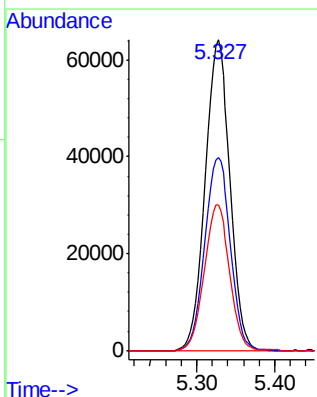
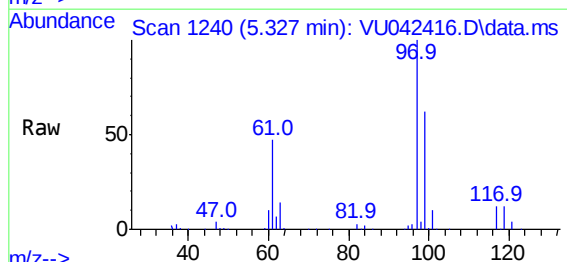
Ion	Ratio	Lower	Upper
56	100		
69	29.5	23.5	35.3
84	81.4	64.2	96.2

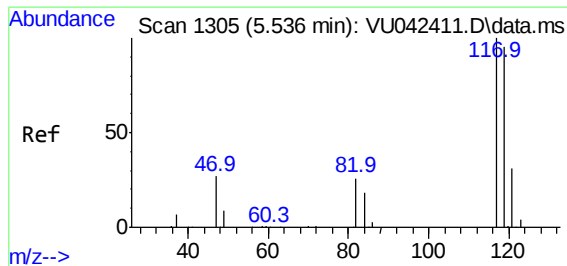


#30
1,1,1-Trichloroethane
Concen: 50.82 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VU042416.D
Acq: 23 Feb 2021 13:11

Tgt Ion: 97 Resp: 142711

Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.3	76.9
61	47.7	37.7	56.5

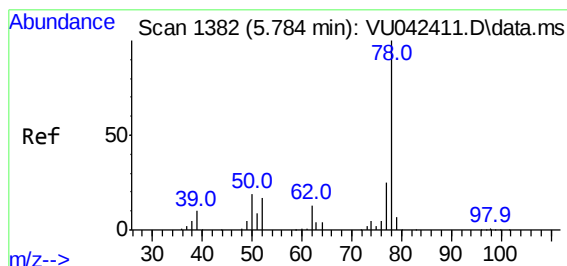
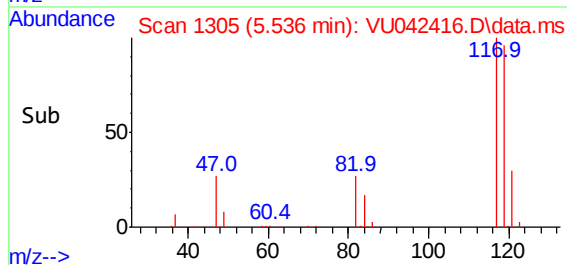
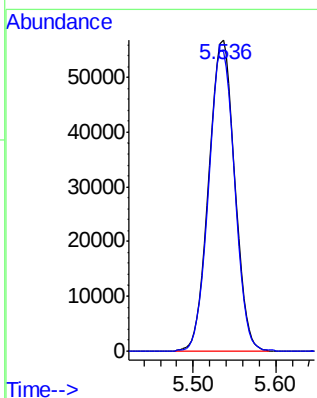
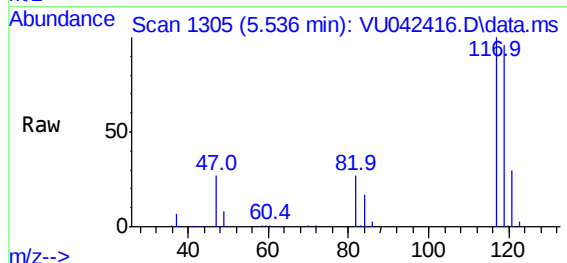




#31
Carbon tetrachloride
Concen: 50.79 ug/L
RT: 5.536 min Scan# 1305
Delta R.T. 0.000 min
Lab File: VU042416.D
Acq: 23 Feb 2021 13:11

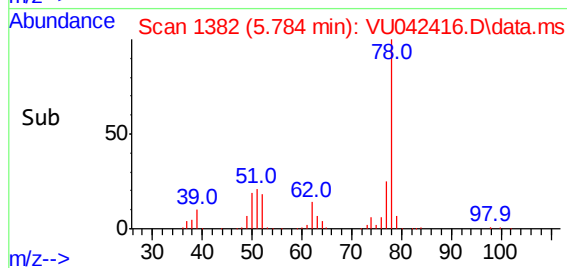
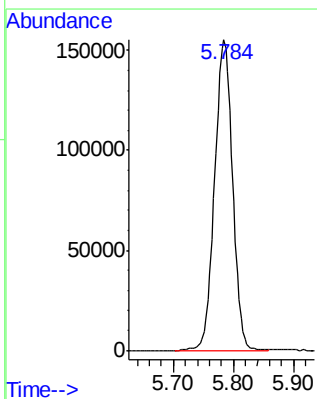
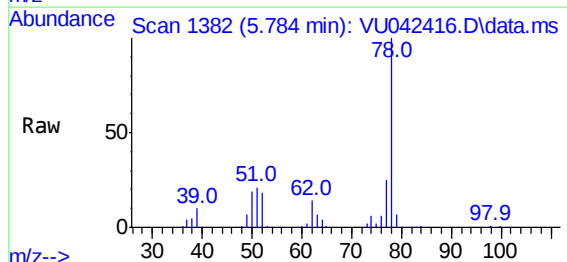
Instrument :
MSVOA_V
ClientSampleId :
VSTD050163

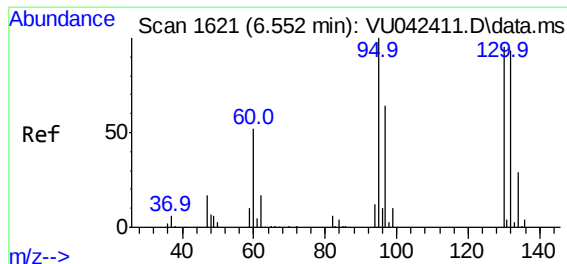
Tgt Ion:117 Resp: 122699
Ion Ratio Lower Upper
117 100
119 97.1 77.5 116.3



#33
Benzene
Concen: 50.64 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VU042416.D
Acq: 23 Feb 2021 13:11

Tgt Ion: 78 Resp: 317735

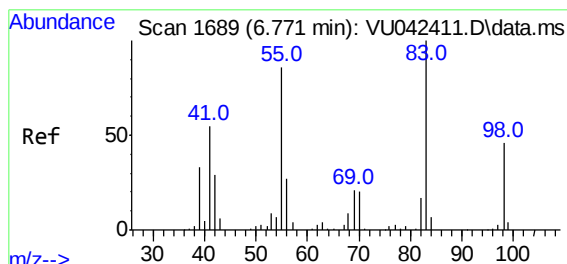
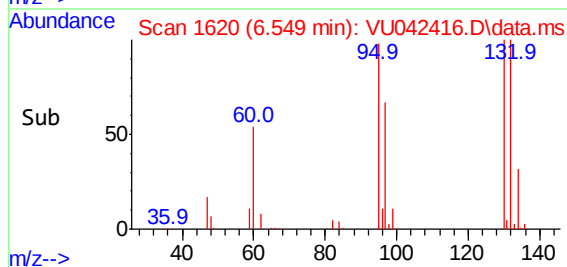
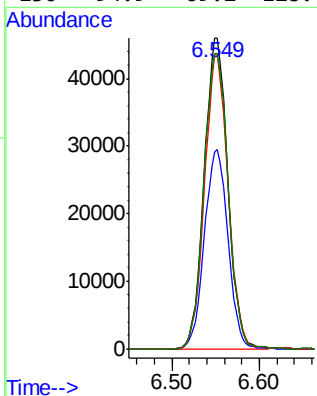
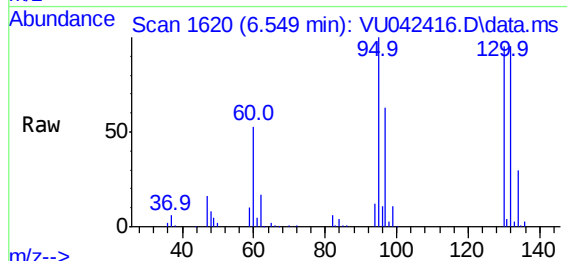




#34
Trichloroethene
Concen: 52.27 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU042416.D
Acq: 23 Feb 2021 13:11

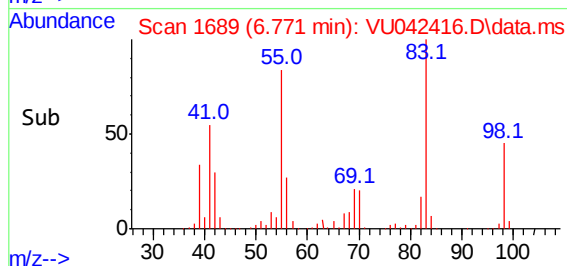
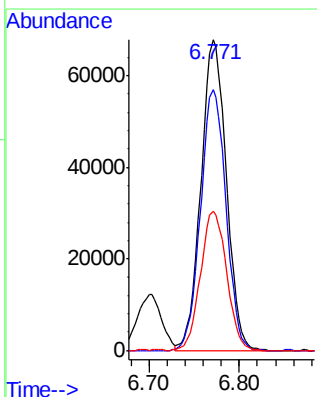
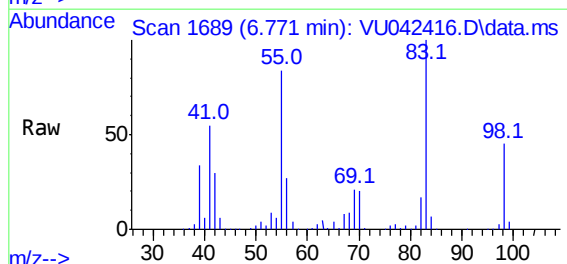
Instrument :
MSVOA_V
ClientSampleId :
VSTD050163

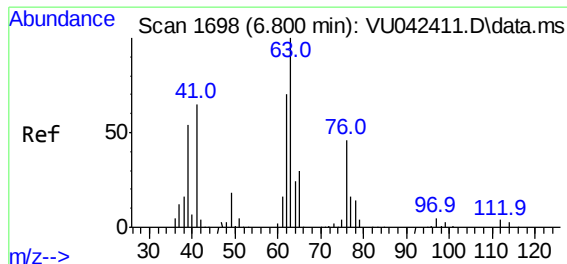
Tgt Ion: 95 Resp: 85932
Ion Ratio Lower Upper
95 100
97 63.4 45.3 84.1
132 94.7 67.5 125.4
130 94.9 69.2 128.4



#35
Methylcyclohexane
Concen: 52.08 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VU042416.D
Acq: 23 Feb 2021 13:11

Tgt Ion: 83 Resp: 131919
Ion Ratio Lower Upper
83 100
55 83.9 68.6 102.8
98 46.2 37.6 56.4

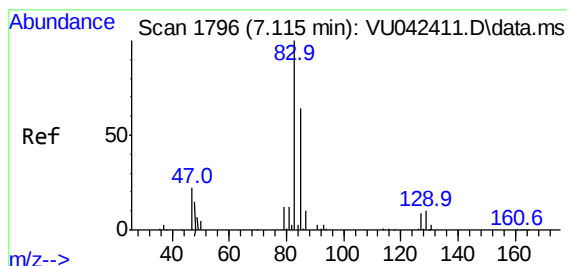
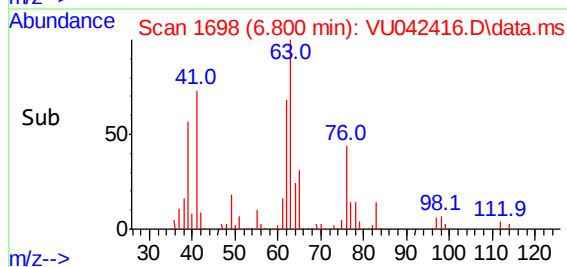
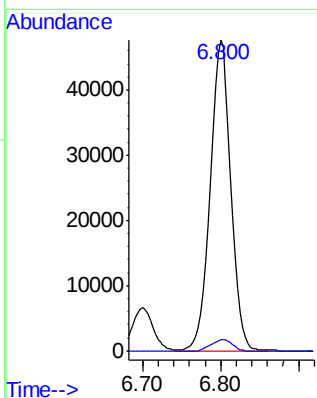
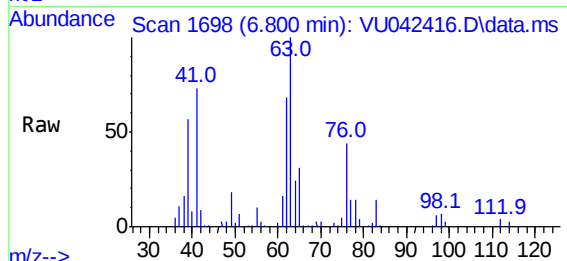




#37
1,2-Dichloropropane
Concen: 50.88 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU042416.D
Acq: 23 Feb 2021 13:11

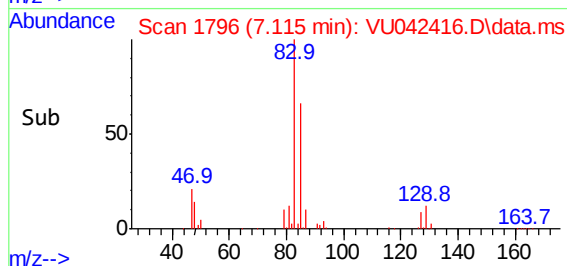
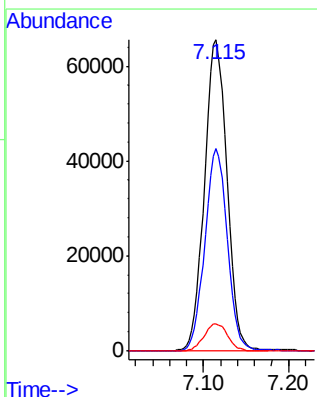
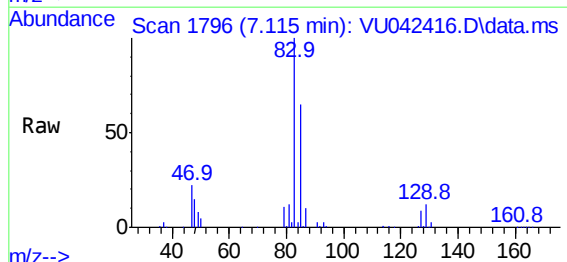
Instrument :
MSVOA_V
ClientSampleId :
VSTD050163

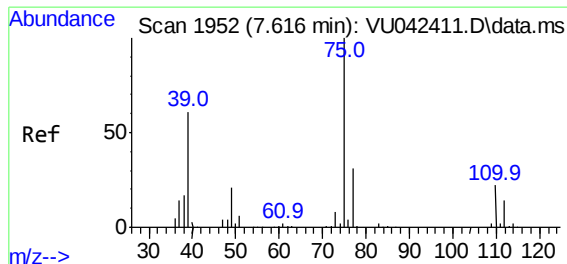
Tgt Ion: 63 Resp: 89391
Ion Ratio Lower Upper
63 100
112 3.7 3.0 4.4



#38
Bromodichloromethane
Concen: 50.95 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VU042416.D
Acq: 23 Feb 2021 13:11

Tgt Ion: 83 Resp: 120314
Ion Ratio Lower Upper
83 100
85 65.2 43.8 81.4
127 9.5 6.8 10.2

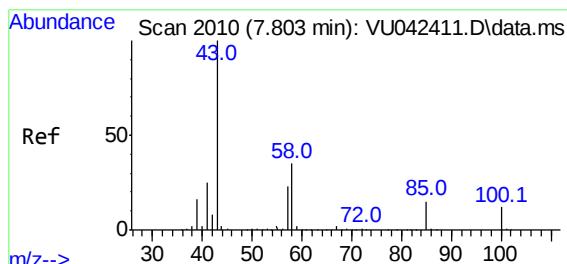
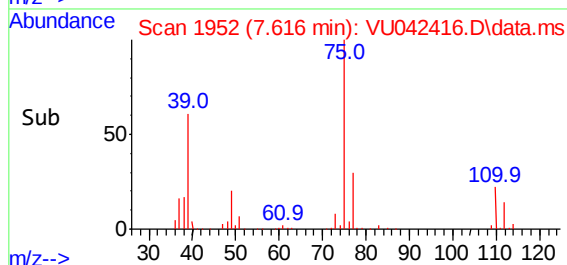
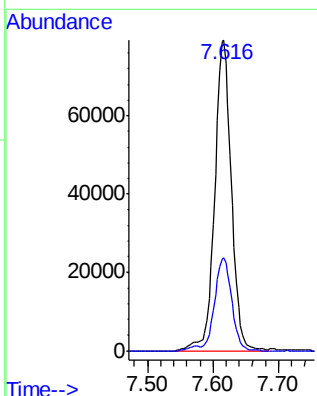
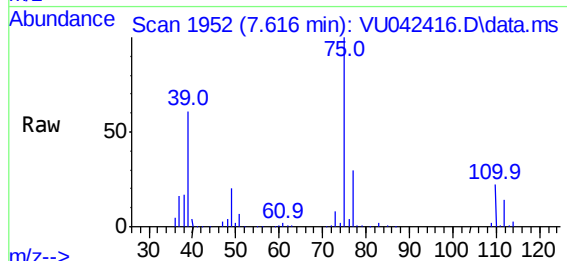




#39
 cis-1,3-Dichloropropene
 Concen: 51.45 ug/L
 RT: 7.616 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VU042416.D
 Acq: 23 Feb 2021 13:11

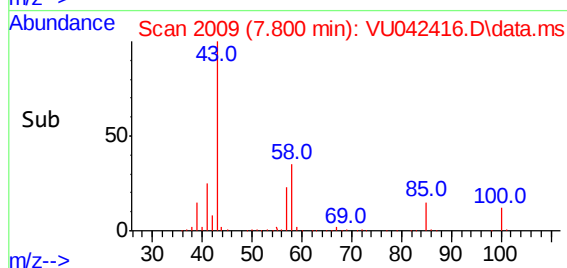
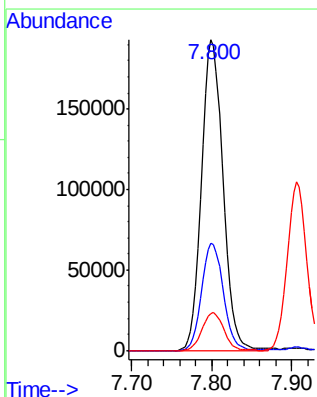
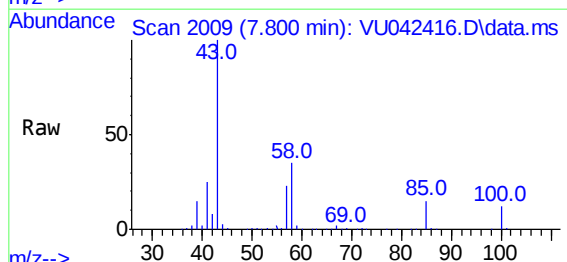
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050163

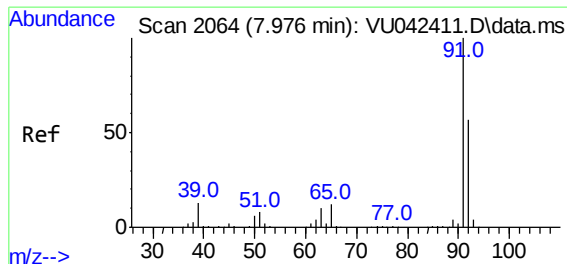
Tgt Ion: 75 Resp: 140767
 Ion Ratio Lower Upper
 75 100
 77 29.9 21.7 40.3



#40
 4-Methyl-2-pentanone
 Concen: 99.93 ug/L
 RT: 7.800 min Scan# 2009
 Delta R.T. -0.003 min
 Lab File: VU042416.D
 Acq: 23 Feb 2021 13:11

Tgt Ion: 43 Resp: 346657
 Ion Ratio Lower Upper
 43 100
 58 34.7 28.7 43.1
 100 12.3 9.7 14.5

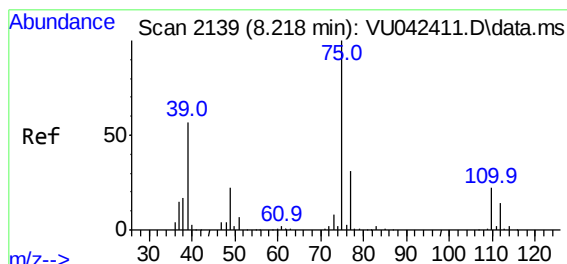
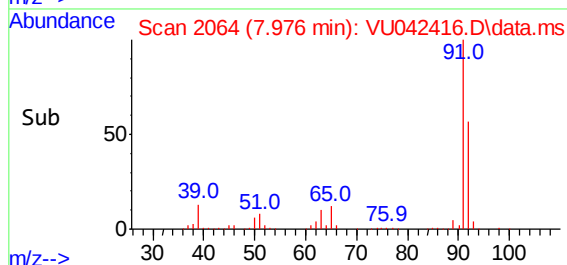
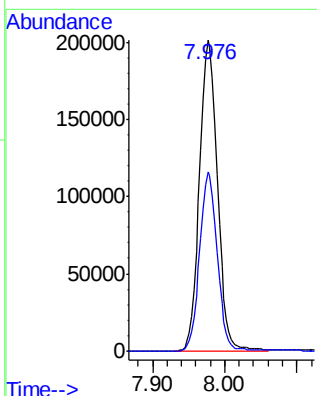
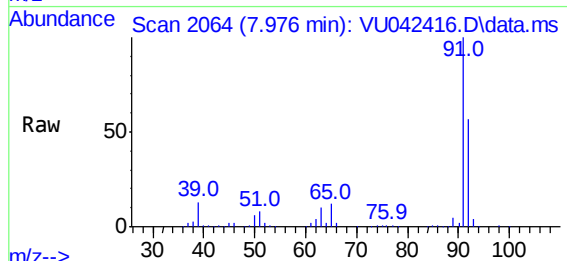




#42
Toluene
Concen: 51.94 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU042416.D
Acq: 23 Feb 2021 13:11

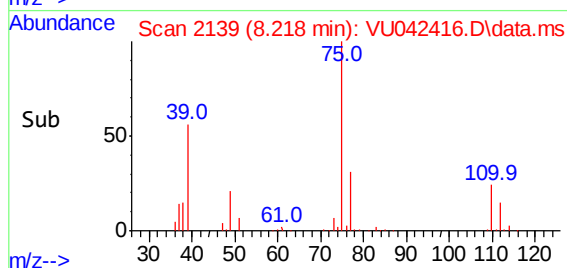
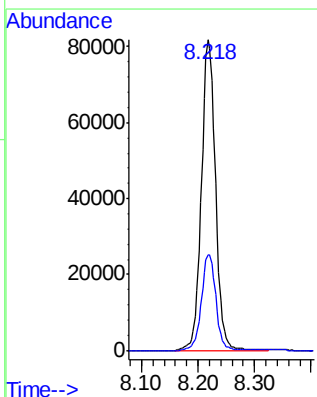
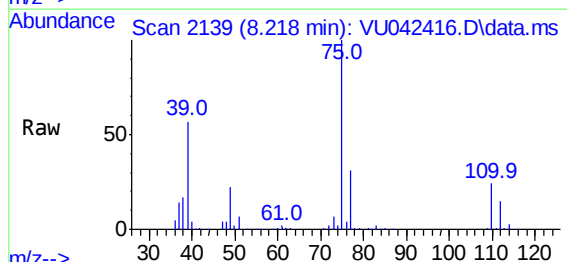
Instrument :
MSVOA_V
ClientSampleId :
VSTD050163

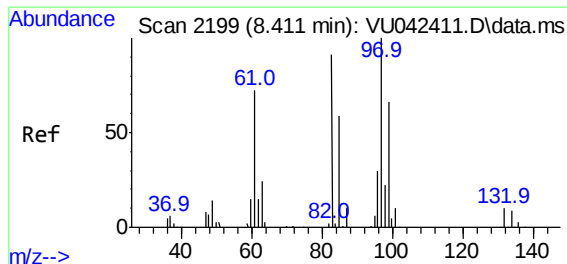
Tgt Ion: 91 Resp: 348184
Ion Ratio Lower Upper
91 100
92 57.5 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 52.18 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VU042416.D
Acq: 23 Feb 2021 13:11

Tgt Ion: 75 Resp: 140654
Ion Ratio Lower Upper
75 100
77 31.0 21.6 40.2

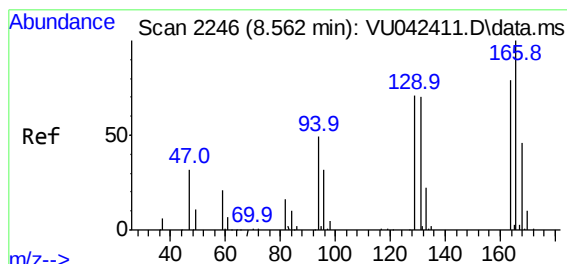
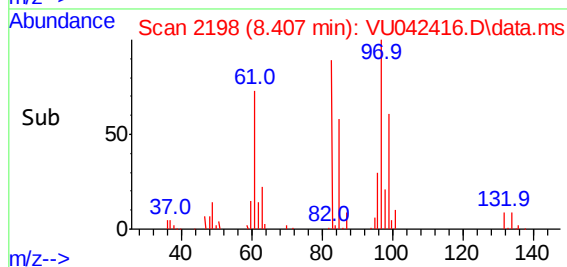
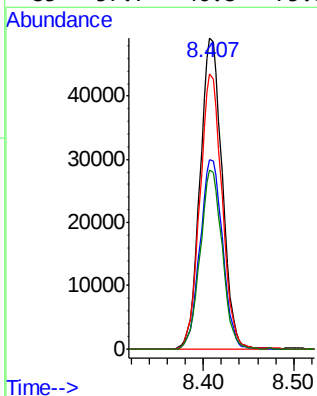
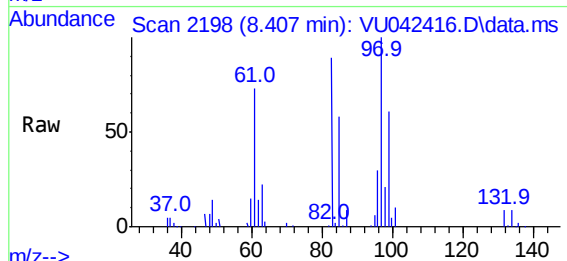




#45
1,1,2-Trichloroethane
Concen: 51.52 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. -0.003 min
Lab File: VU042416.D
Acq: 23 Feb 2021 13:11

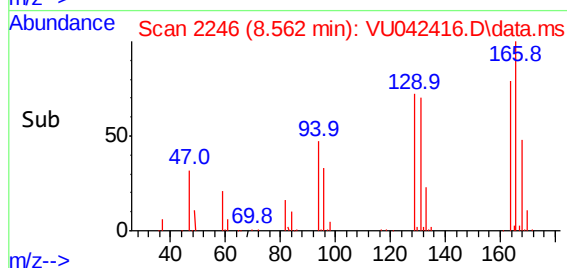
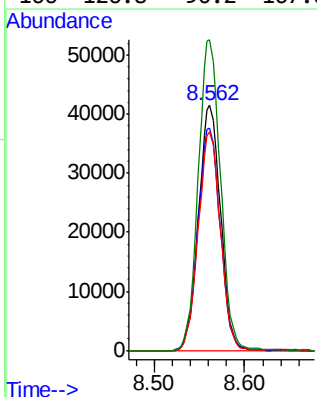
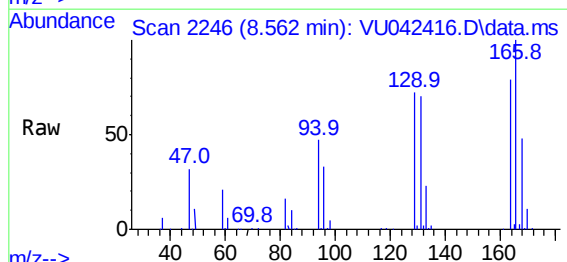
Instrument :
MSVOA_V
ClientSampleId :
VSTD050163

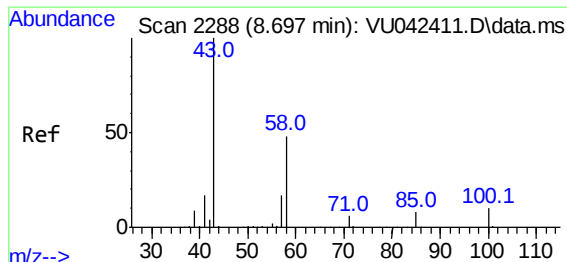
Tgt Ion: 97 Resp: 83019
Ion Ratio Lower Upper
97 100
99 61.0 43.7 81.1
83 88.7 61.7 114.7
85 57.7 40.8 75.8



#46
Tetrachloroethene
Concen: 53.85 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU042416.D
Acq: 23 Feb 2021 13:11

Tgt Ion: 164 Resp: 69955
Ion Ratio Lower Upper
164 100
129 90.9 65.2 121.2
131 89.2 62.4 115.8
166 126.8 90.2 167.6



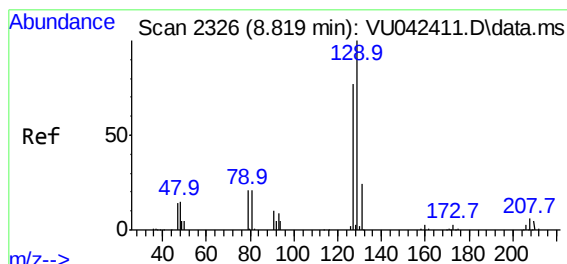
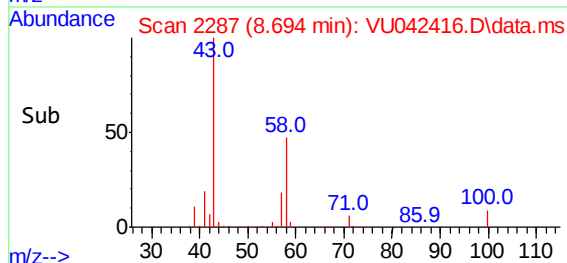
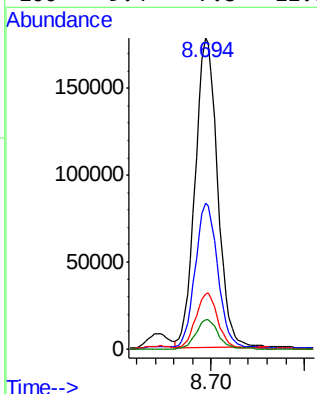
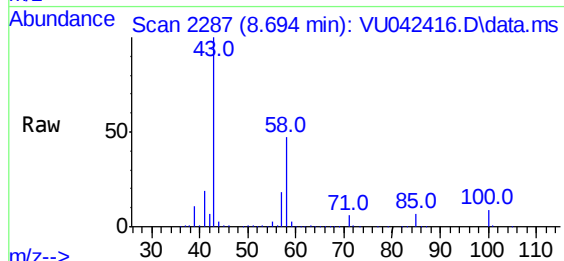


#48
2-Hexanone
Concen: 106.02 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. -0.003 min
Lab File: VU042416.D
Acq: 23 Feb 2021 13:11

Instrument :
MSVOA_V
ClientSampleId :
VSTD050163

Tgt Ion: 43 Resp: 297769

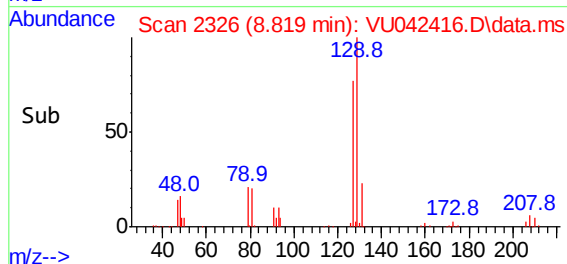
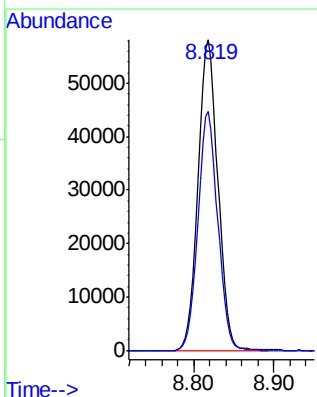
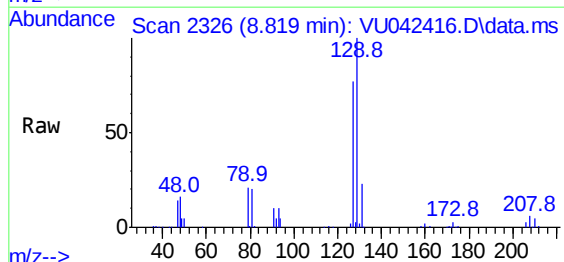
Ion	Ratio	Lower	Upper
43	100		
58	46.8	39.2	58.8
57	18.1	14.4	21.6
100	9.4	7.8	11.6

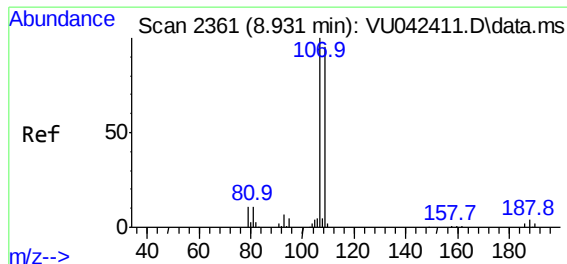


#49
Dibromochloromethane
Concen: 51.93 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VU042416.D
Acq: 23 Feb 2021 13:11

Tgt Ion: 129 Resp: 97467

Ion	Ratio	Lower	Upper
129	100		
127	76.8	54.7	101.7

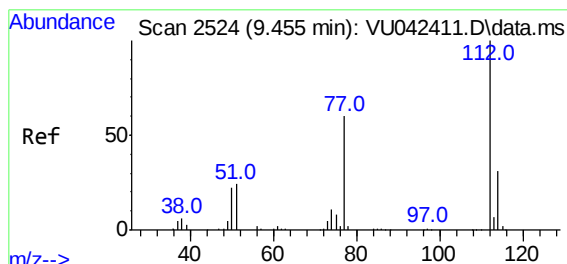
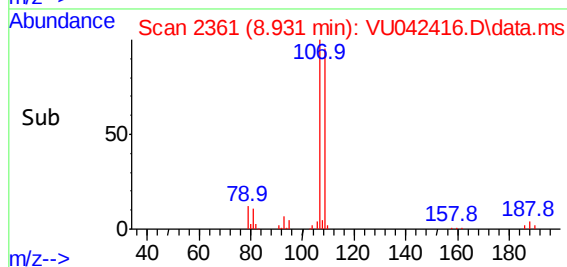
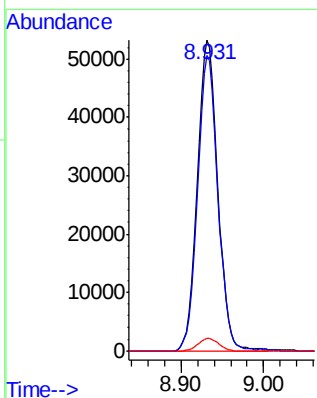
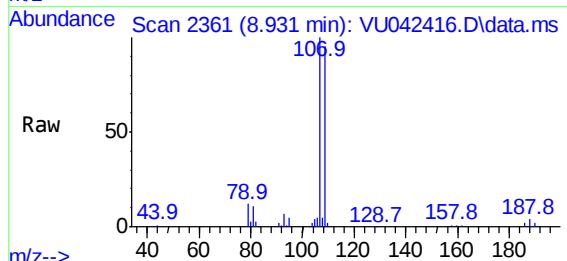




#50
1,2-Dibromoethane
Concen: 51.20 ug/L
RT: 8.931 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VU042416.D
Acq: 23 Feb 2021 13:11

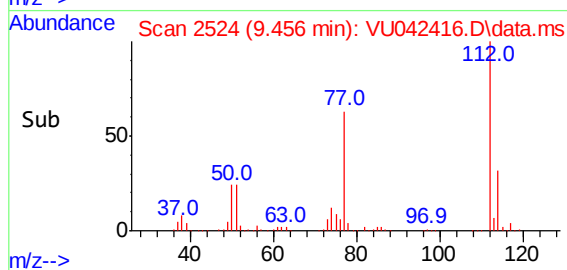
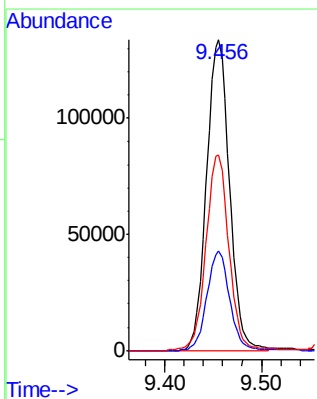
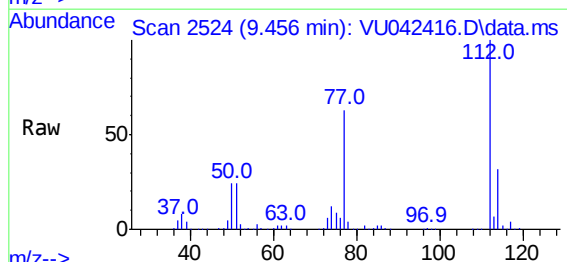
Instrument :
MSVOA_V
ClientSampleId :
VSTD050163

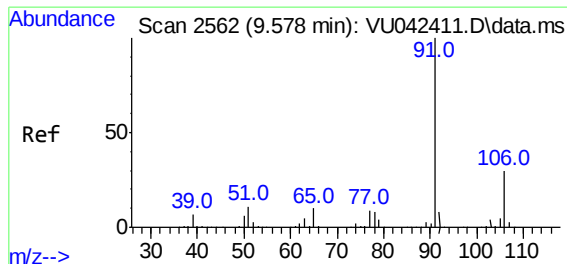
Tgt Ion:107 Resp: 92507
Ion Ratio Lower Upper
107 100
109 95.1 65.7 121.9
188 4.0 3.4 5.0



#51
Chlorobenzene
Concen: 51.80 ug/L
RT: 9.456 min Scan# 2524
Delta R.T. 0.000 min
Lab File: VU042416.D
Acq: 23 Feb 2021 13:11

Tgt Ion:112 Resp: 220362
Ion Ratio Lower Upper
112 100
114 31.9 22.7 42.1
77 63.1 49.4 74.2

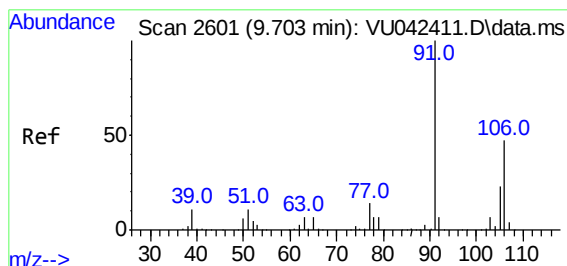
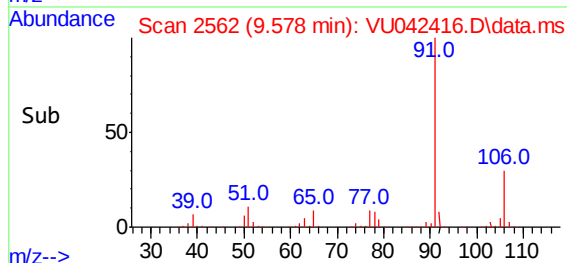
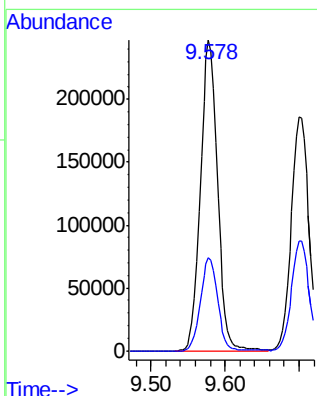
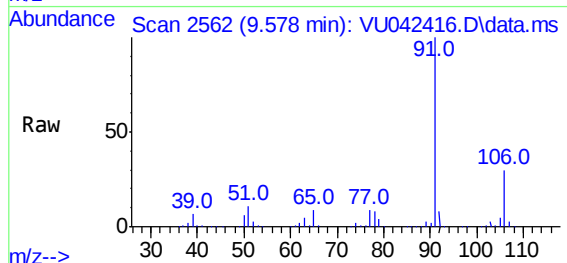




#52
Ethylbenzene
Concen: 53.02 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU042416.D
Acq: 23 Feb 2021 13:11

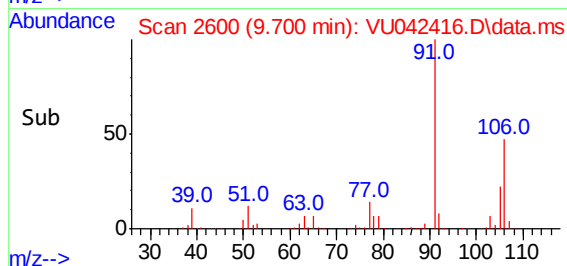
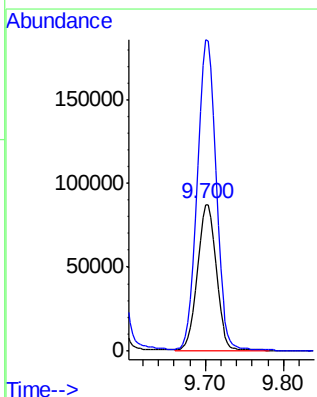
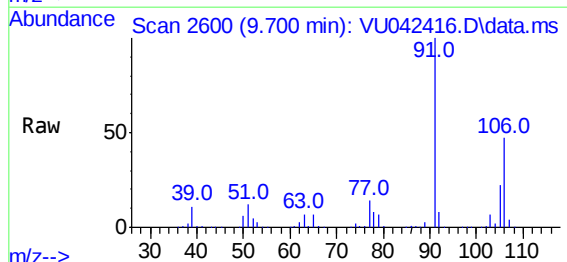
Instrument :
MSVOA_V
ClientSampleId :
VSTD050163

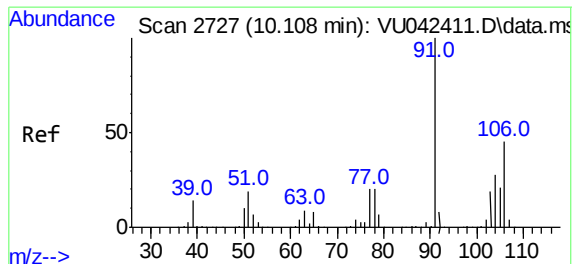
Tgt Ion: 91 Resp: 395843
Ion Ratio Lower Upper
91 100
106 29.9 20.8 38.6



#53
m,p-Xylene
Concen: 52.29 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.003 min
Lab File: VU042416.D
Acq: 23 Feb 2021 13:11

Tgt Ion: 106 Resp: 145496
Ion Ratio Lower Upper
106 100
91 212.8 149.7 277.9

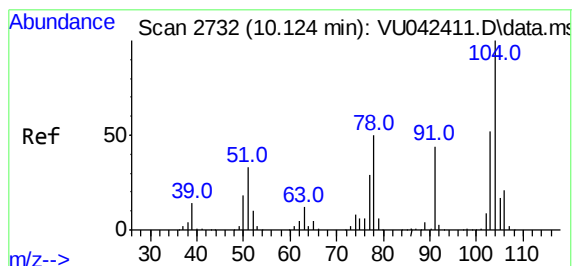
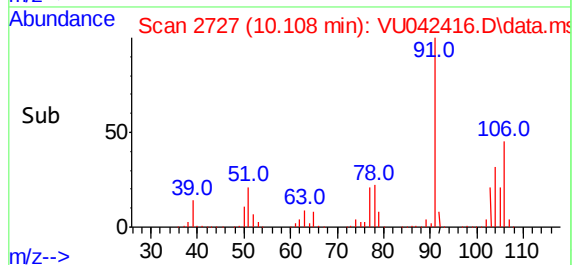
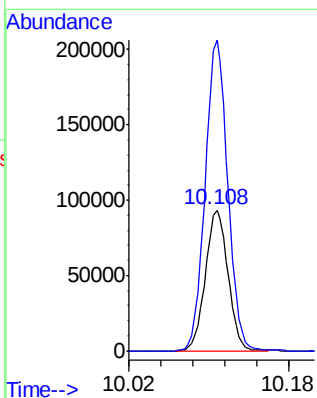
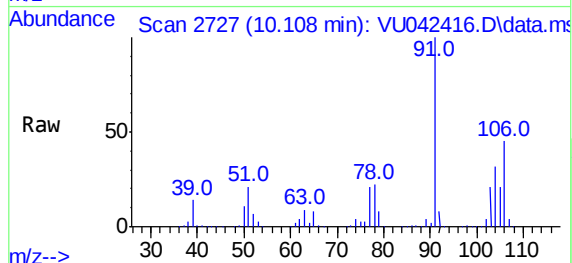




#54
o-xylene
Concen: 53.08 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU042416.D
Acq: 23 Feb 2021 13:11

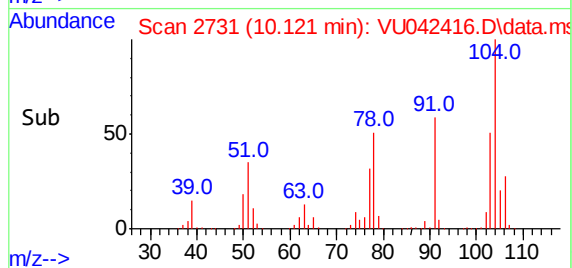
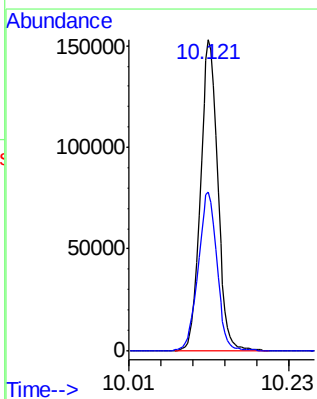
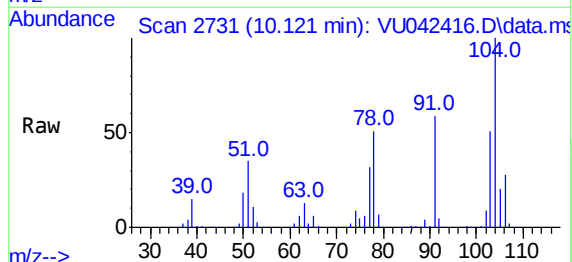
Instrument :
MSVOA_V
ClientSampleId :
VSTD050163

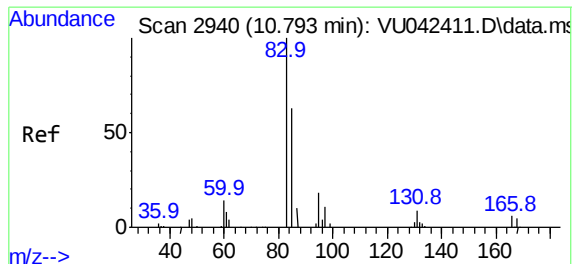
Tgt Ion:106 Resp: 146904
Ion Ratio Lower Upper
106 100
91 220.5 157.4 292.2



#55
Styrene
Concen: 52.07 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. -0.003 min
Lab File: VU042416.D
Acq: 23 Feb 2021 13:11

Tgt Ion:104 Resp: 246355
Ion Ratio Lower Upper
104 100
78 51.0 34.4 64.0

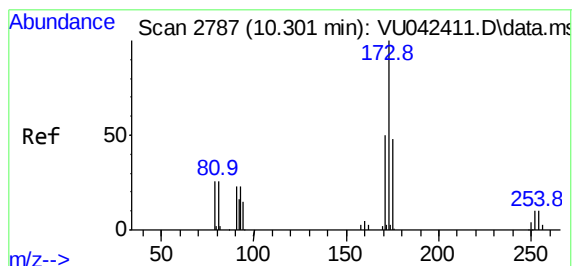
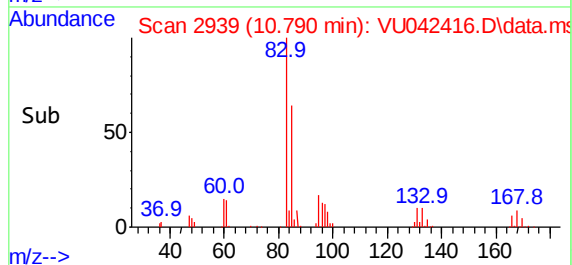
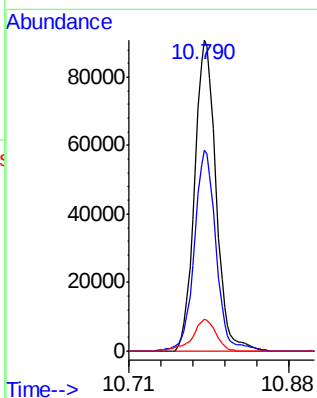
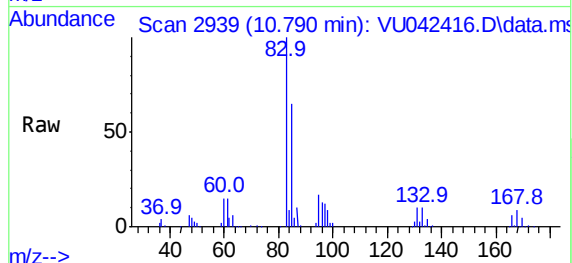




#57
1,1,2,2-Tetrachloroethane
Concen: 50.77 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. -0.003 min
Lab File: VU042416.D
Acq: 23 Feb 2021 13:11

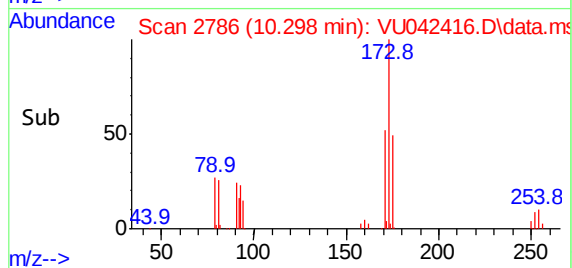
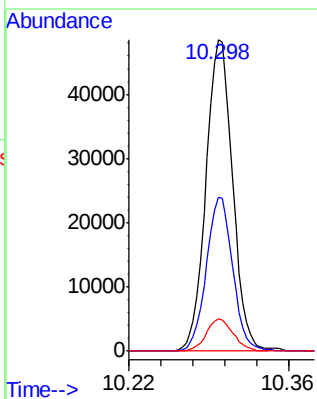
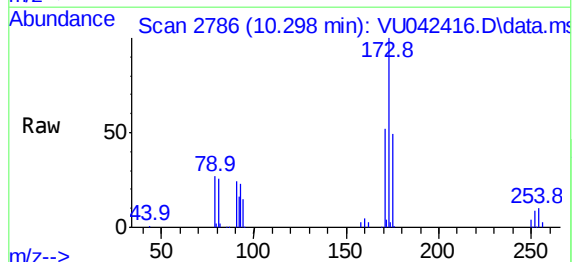
Instrument :
MSVOA_V
ClientSampleId :
VSTD050163

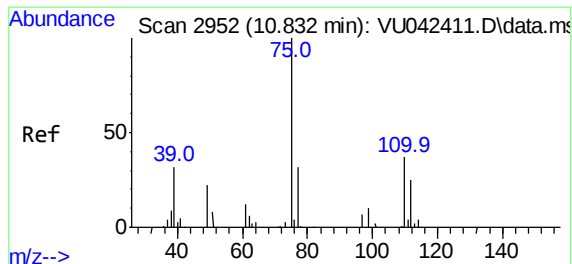
Tgt Ion: 83 Resp: 148928
Ion Ratio Lower Upper
83 100
85 64.7 45.4 84.2
131 10.2 8.1 12.1



#59
Bromoform
Concen: 49.72 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. -0.003 min
Lab File: VU042416.D
Acq: 23 Feb 2021 13:11

Tgt Ion:173 Resp: 80543
Ion Ratio Lower Upper
173 100
175 48.5 39.0 58.4
254 9.9 7.4 11.0

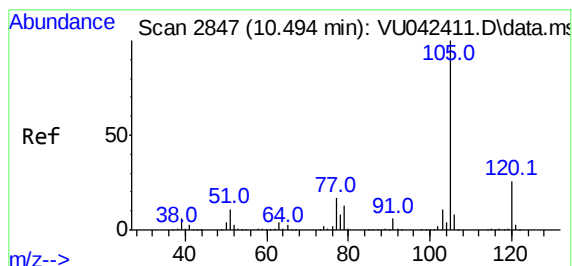
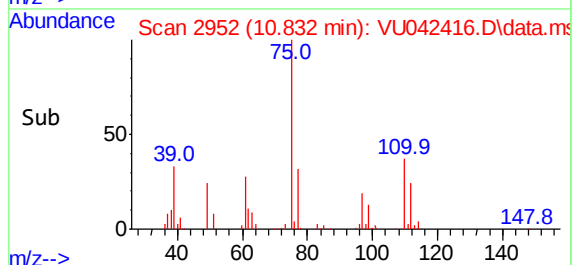
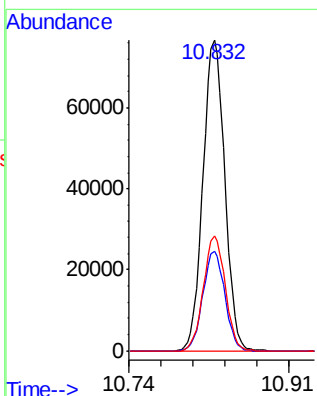
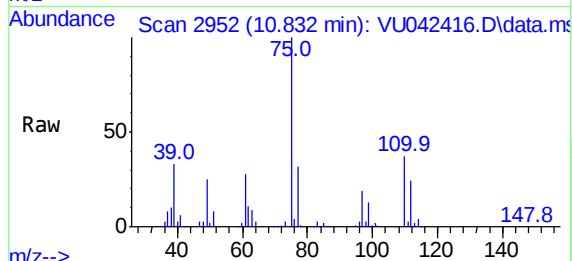




#60
1,2,3-Trichloropropane
Concen: 49.14 ug/L
RT: 10.832 min Scan# 2952
Delta R.T. 0.000 min
Lab File: VU042416.D
Acq: 23 Feb 2021 13:11

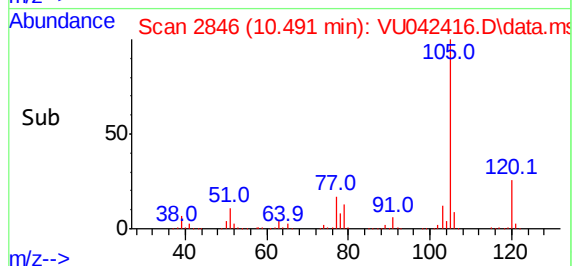
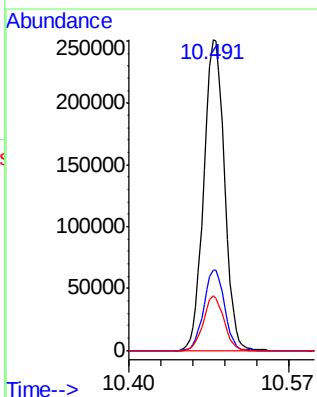
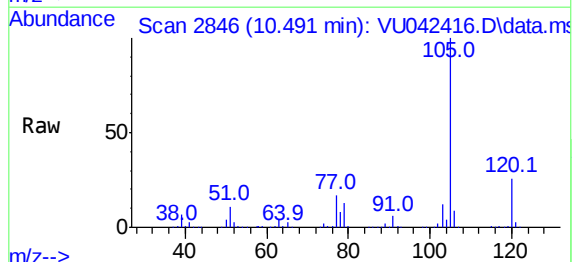
Instrument :
MSVOA_V
ClientSampleId :
VSTD050163

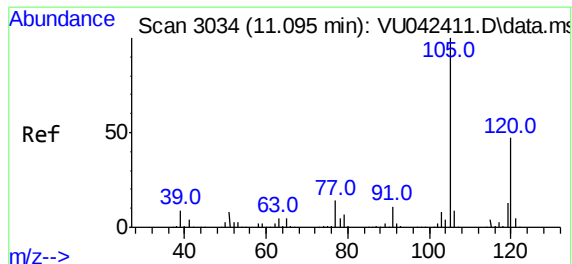
Tgt Ion: 75 Resp: 125106
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.2
110 37.0 30.3 45.5



#61
Isopropylbenzene
Concen: 51.63 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.003 min
Lab File: VU042416.D
Acq: 23 Feb 2021 13:11

Tgt Ion: 105 Resp: 396946
Ion Ratio Lower Upper
105 100
120 26.0 20.5 30.7
77 17.2 13.6 20.4

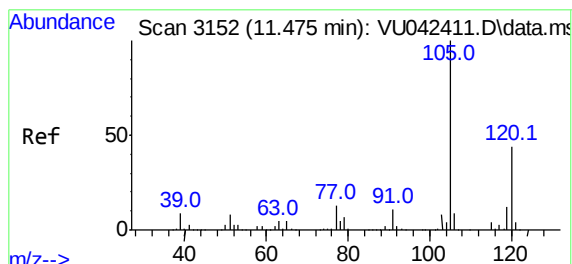
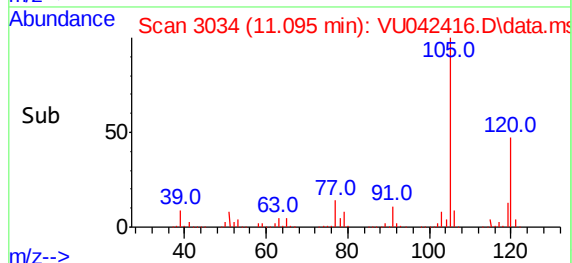
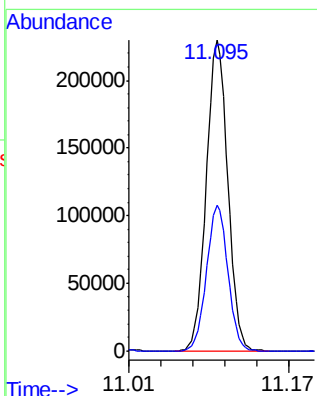
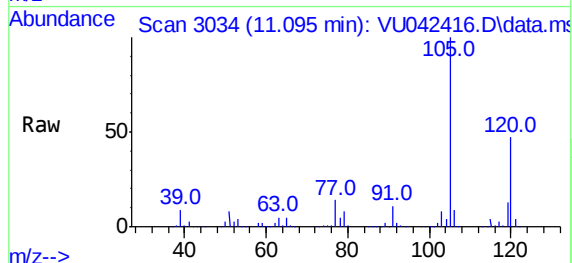




#62
1,3,5-Trimethylbenzene
Concen: 51.59 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU042416.D
Acq: 23 Feb 2021 13:11

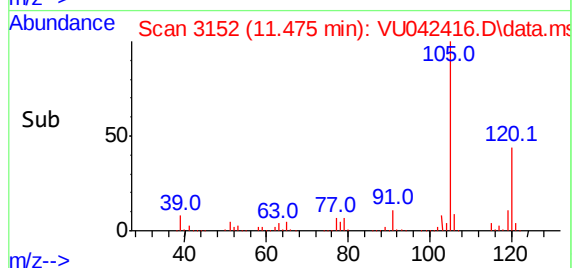
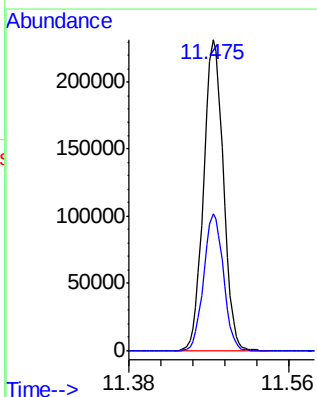
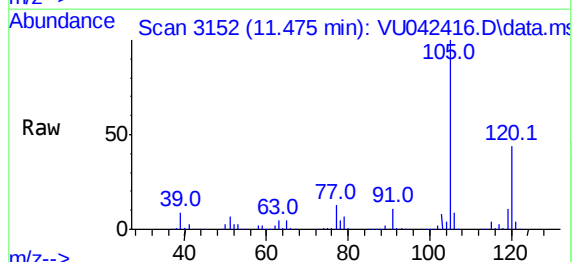
Instrument :
MSVOA_V
ClientSampleId :
VSTD050163

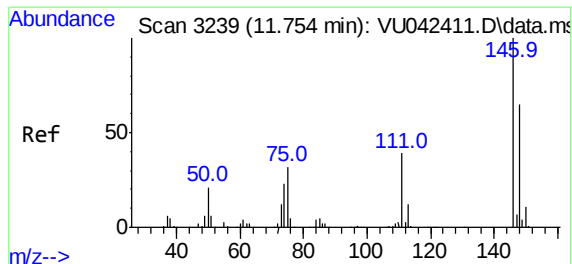
Tgt Ion:105 Resp: 343223
Ion Ratio Lower Upper
105 100
120 46.5 37.2 55.8



#63
1,2,4-Trimethylbenzene
Concen: 51.88 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VU042416.D
Acq: 23 Feb 2021 13:11

Tgt Ion:105 Resp: 347699
Ion Ratio Lower Upper
105 100
120 44.0 35.2 52.8

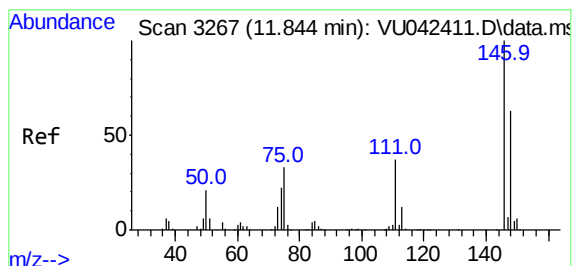
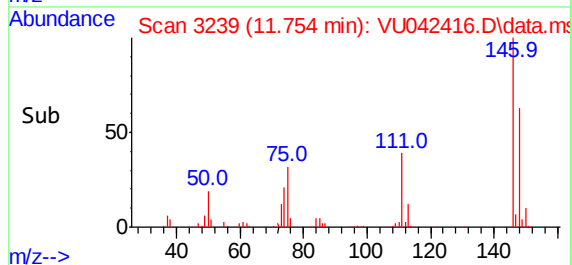
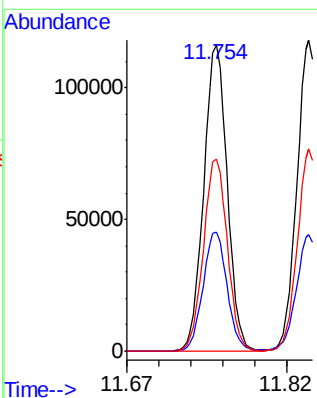
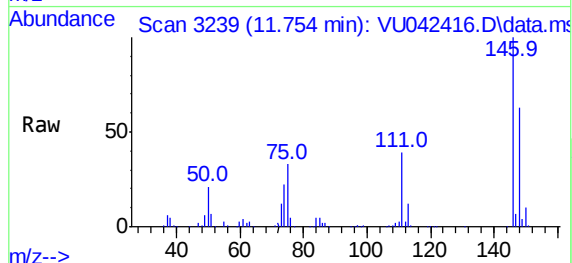




#64
 1,3-Dichlorobenzene
 Concen: 50.55 ug/L
 RT: 11.754 min Scan# 3239
 Delta R.T. 0.000 min
 Lab File: VU042416.D
 Acq: 23 Feb 2021 13:11

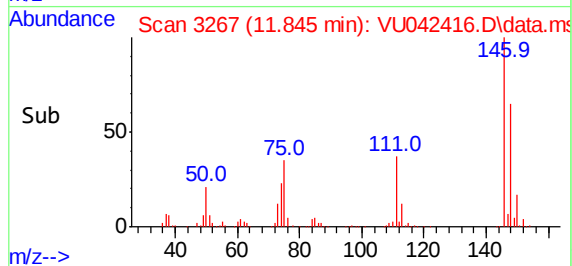
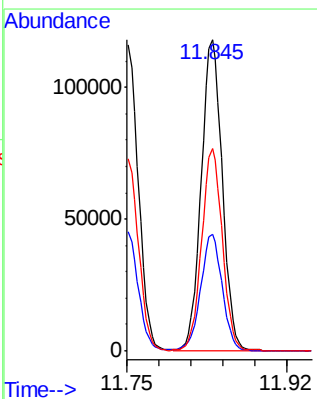
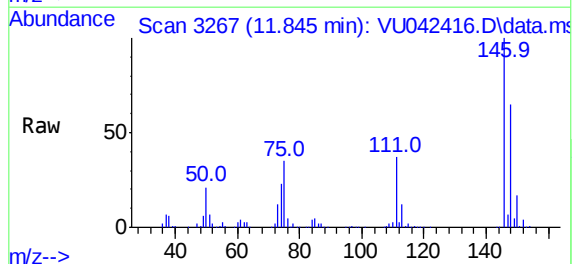
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050163

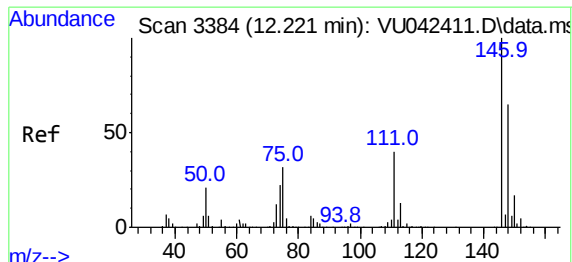
Tgt Ion:146 Resp: 183261
 Ion Ratio Lower Upper
 146 100
 111 38.9 27.6 51.2
 148 62.9 45.4 84.2



#65
 1,4-Dichlorobenzene
 Concen: 50.14 ug/L
 RT: 11.845 min Scan# 3267
 Delta R.T. 0.000 min
 Lab File: VU042416.D
 Acq: 23 Feb 2021 13:11

Tgt Ion:146 Resp: 185157
 Ion Ratio Lower Upper
 146 100
 111 37.5 26.6 49.4
 148 65.0 44.6 82.8



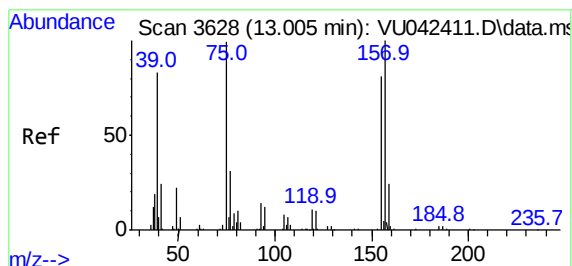
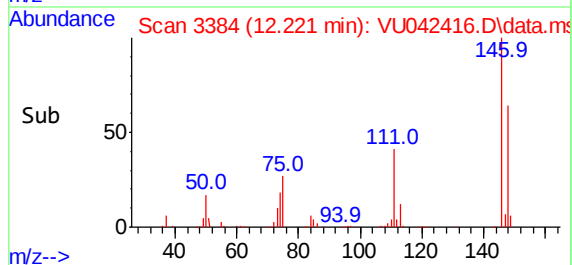
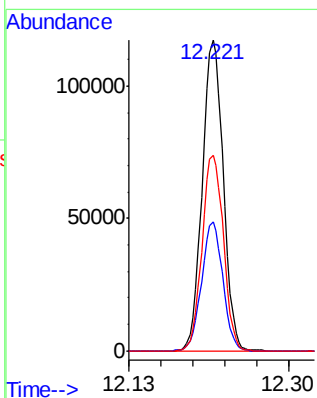
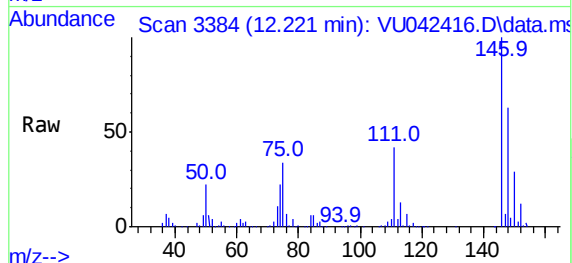


#67
 1,2-Dichlorobenzene
 Concen: 50.42 ug/L
 RT: 12.221 min Scan# 3384
 Delta R.T. 0.000 min
 Lab File: VU042416.D
 Acq: 23 Feb 2021 13:11

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050163

Tgt Ion:146 Resp: 187867

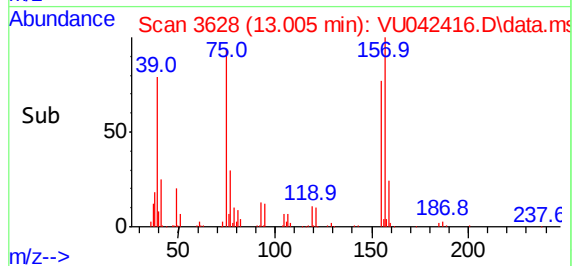
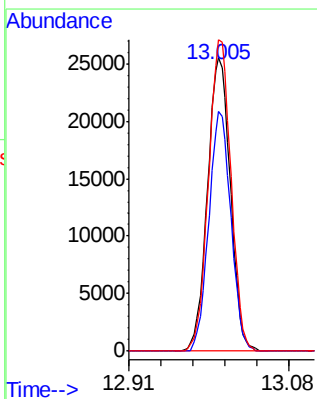
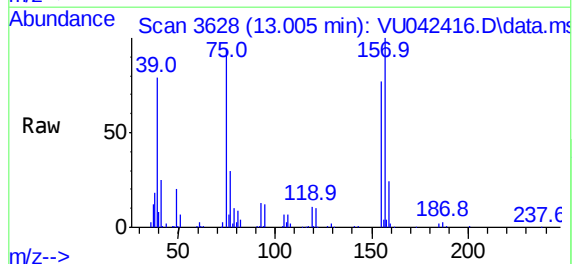
Ion	Ratio	Lower	Upper
146	100		
111	41.5	31.9	47.9
148	63.0	50.2	75.4

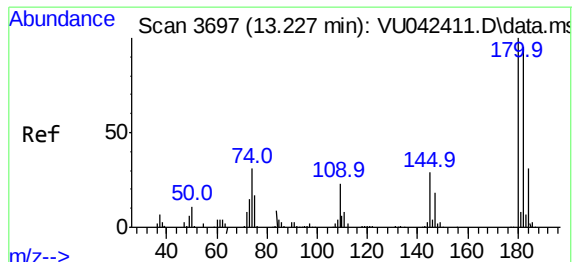


#68
 1,2-Dibromo-3-chloropropane
 Concen: 49.33 ug/L
 RT: 13.005 min Scan# 3628
 Delta R.T. 0.000 min
 Lab File: VU042416.D
 Acq: 23 Feb 2021 13:11

Tgt Ion: 75 Resp: 41779

Ion	Ratio	Lower	Upper
75	100		
155	81.6	65.2	97.8
157	110.4	82.7	124.1

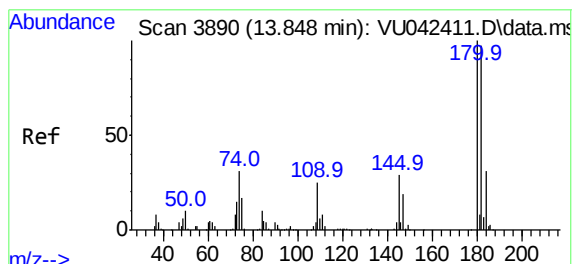
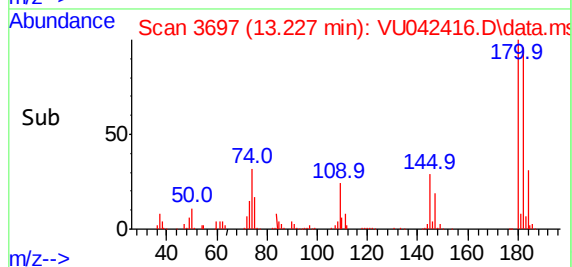
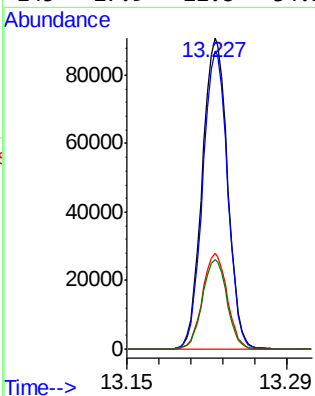
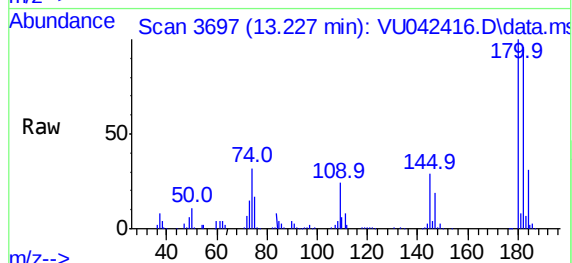




#69
1,3,5-Trichlorobenzene
Concen: 52.75 ug/L
RT: 13.227 min Scan# 3697
Delta R.T. 0.000 min
Lab File: VU042416.D
Acq: 23 Feb 2021 13:11

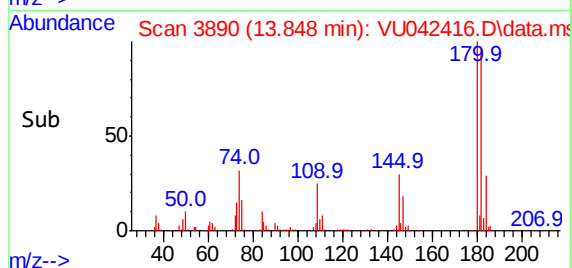
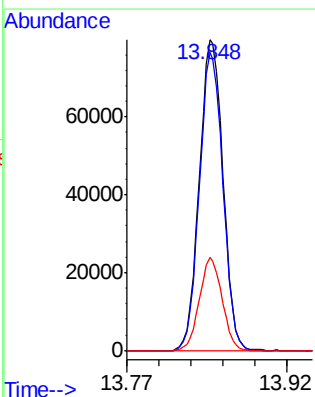
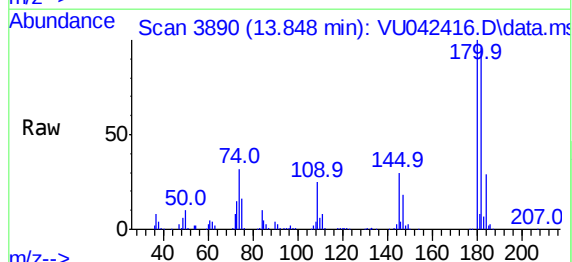
Instrument :
MSVOA_V
ClientSampleId :
VSTD050163

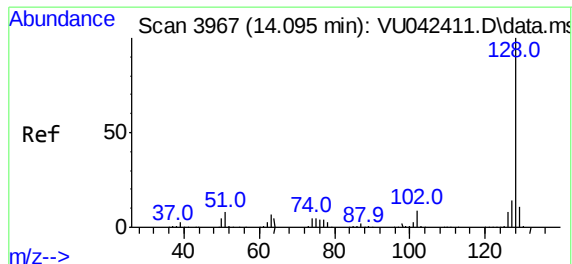
Tgt Ion:180 Resp: 147416
Ion Ratio Lower Upper
180 100
182 94.3 76.8 115.2
184 30.0 24.1 36.1
145 27.9 22.8 34.2



#70
1,2,4-trichlorobenzene
Concen: 53.89 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. 0.000 min
Lab File: VU042416.D
Acq: 23 Feb 2021 13:11

Tgt Ion:180 Resp: 126335
Ion Ratio Lower Upper
180 100
182 95.3 77.2 115.8
145 28.7 23.7 35.5

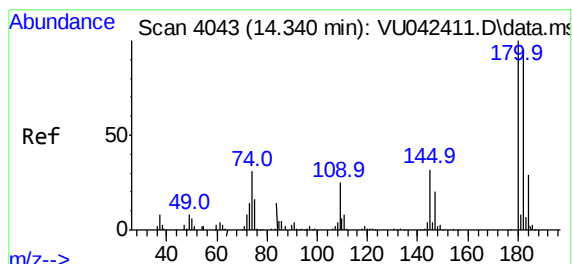
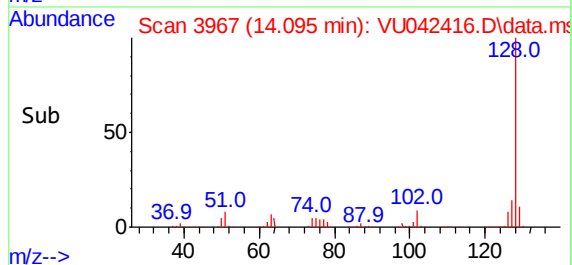
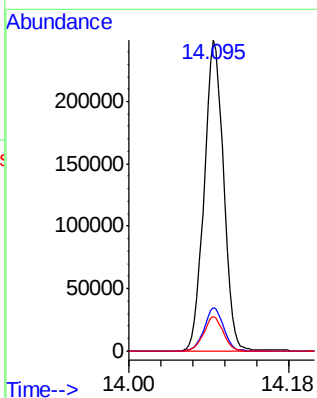
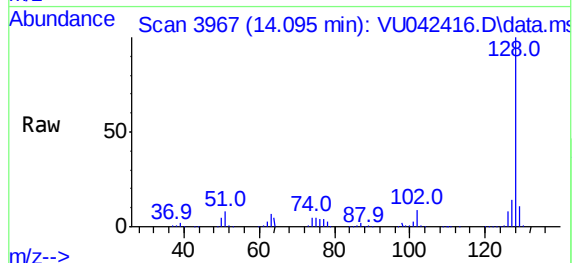




#71
Naphthalene
Concen: 53.02 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU042416.D
Acq: 23 Feb 2021 13:11

Instrument :
MSVOA_V
ClientSampleId :
VSTD050163

Tgt Ion:128 Resp: 392388
Ion Ratio Lower Upper
128 100
127 13.7 10.8 16.2
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 52.47 ug/L
RT: 14.340 min Scan# 4043
Delta R.T. 0.000 min
Lab File: VU042416.D
Acq: 23 Feb 2021 13:11

Tgt Ion:180 Resp: 125051
Ion Ratio Lower Upper
180 100
182 95.6 76.2 114.2
145 30.8 24.6 37.0

