

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
 Data File : VU045238.D
 Acq On : 08 Oct 2021 09:47
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 09 05:26:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 07 22:18:46 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	293037	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	286969	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	143611	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	148801	46.386	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.780%
7) Chloroethane-d5	1.896	69	116857	45.970	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.940%
11) 1,1-Dichloroethene-d2	2.565	63	242140	44.948	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.900%
21) 2-Butanone-d5	4.626	46	202941	80.022	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.020%
24) Chloroform-d	5.070	84	229447	45.287	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.580%
26) 1,2-Dichloroethane-d4	5.706	65	153052	44.597	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.200%
32) Benzene-d6	5.732	84	461762	46.372	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.740%
36) 1,2-Dichloropropane-d6	6.697	67	145912	44.939	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.880%
41) Toluene-d8	7.902	98	410283	47.744	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.480%
43) trans-1,3-Dichloroprop...	8.182	79	69134	47.867	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.740%
47) 2-Hexanone-d5	8.636	63	146053	81.171	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.170%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	221967	43.902	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.800%
66) 1,2-Dichlorobenzene-d4	12.198	152	148603	47.547	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	132764	47.317	ug/L	99
3) Chloromethane	1.523	50	141041	40.328	ug/L	100
5) Vinyl chloride	1.604	62	156828	45.770	ug/L	94
6) Bromomethane	1.832	94	58968	35.881	ug/L	99
8) Chloroethane	1.919	64	101503	47.199	ug/L	100
9) Trichlorofluoromethane	2.131	101	188360	48.029	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	116789	47.181	ug/L	99
12) 1,1-Dichloroethene	2.578	96	109970	48.461	ug/L	92
13) Acetone	2.629	43	233535	79.662	ug/L	99
14) Carbon disulfide	2.793	76	320103	44.031	ug/L	99
15) Methyl Acetate	2.951	43	154567	42.751	ug/L	98
16) Methylene chloride	3.047	84	134351	46.732	ug/L	95
17) trans-1,2-Dichloroethene	3.356	96	116911	48.907	ug/L	96
18) Methyl tert-butyl Ether	3.369	73	405468	51.441	ug/L	98
19) 1,1-Dichloroethane	3.874	63	233246	46.902	ug/L	100
20) cis-1,2-Dichloroethene	4.671	96	130176	49.419	ug/L	93
22) 2-Butanone	4.706	43	269460	82.125	ug/L	98
23) Bromochloromethane	4.980	128	64749	48.489	ug/L	93
25) Chloroform	5.092	83	236227	47.781	ug/L	100

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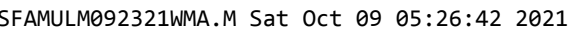
Instrument :
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 ClientSampleId :

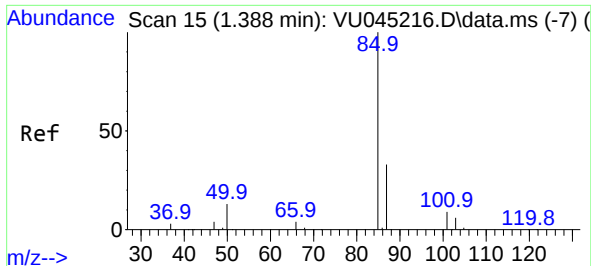
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	196899	47.617	ug/L	99
29) Cyclohexane	5.391	56	205811	47.713	ug/L	97
30) 1,1,1-Trichloroethane	5.321	97	189350	47.666	ug/L	98
31) Carbon tetrachloride	5.530	117	147359	46.967	ug/L	99
33) Benzene	5.777	78	516740	48.550	ug/L	100
34) Trichloroethene	6.546	95	124754	48.799	ug/L	99
35) Methylcyclohexane	6.767	83	207000	48.364	ug/L	97
37) 1,2-Dichloropropane	6.796	63	137489	47.444	ug/L	99
38) Bromodichloromethane	7.112	83	172499	48.561	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	207911	50.142	ug/L	100
40) 4-Methyl-2-pentanone	7.796	43	440166	90.926	ug/L	97
42) Toluene	7.973	91	545623	50.453	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	198972	50.466	ug/L	98
45) 1,1,2-Trichloroethane	8.404	97	128818	49.050	ug/L	99
46) Tetrachloroethene	8.558	164	88084	48.205	ug/L	96
48) 2-Hexanone	8.690	43	377857	88.021	ug/L	98
49) Dibromochloromethane	8.816	129	125806	48.436	ug/L	100
50) 1,2-Dibromoethane	8.928	107	134822	49.032	ug/L	99
51) Chlorobenzene	9.452	112	329226	49.312	ug/L	99
52) Ethylbenzene	9.574	91	588999	51.557	ug/L	99
53) m,p-Xylene	9.697	106	226976	52.446	ug/L	99
54) o-xylene	10.105	106	225146	52.941	ug/L	98
55) Styrene	10.118	104	387572	52.994	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	238947	47.518	ug/L	100
59) Bromoform	10.295	173	90084	50.578	ug/L	100
60) 1,2,3-Trichloropropane	10.828	75	193587	48.738	ug/L	99
61) Isopropylbenzene	10.488	105	579370	55.125	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	495209	56.419	ug/L	99
63) 1,2,4-Trimethylbenzene	11.471	105	506200	56.318	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	250670	51.609	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	250802	50.328	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	254847	51.111	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.002	75	52775	46.234	ug/L	96
69) 1,3,5-Trichlorobenzene	13.224	180	170457	50.569	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	141627	50.562	ug/L	99
71) Naphthalene	14.089	128	504379	51.963	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	144437	50.399	ug/L	97

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

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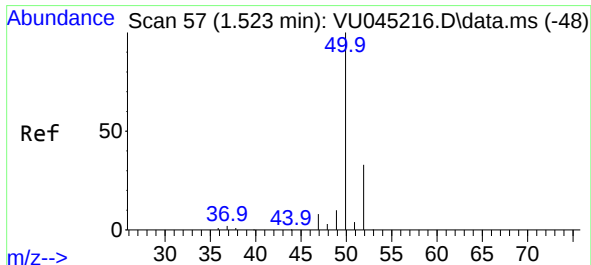
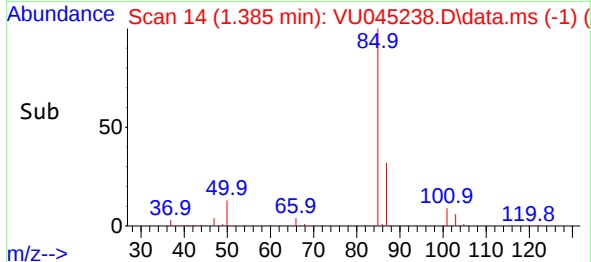
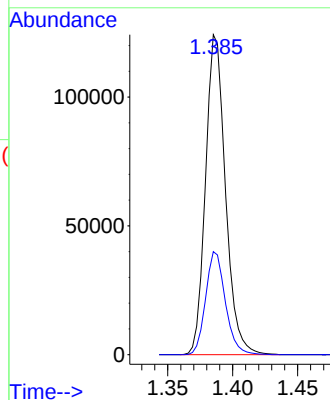
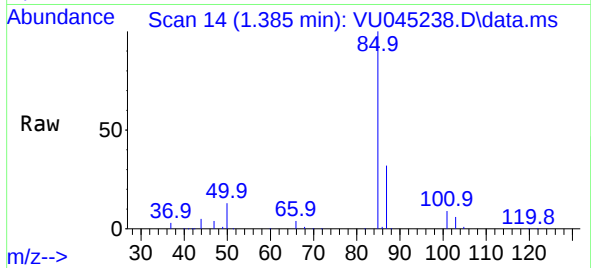




#2
Dichlorodifluoromethane
Concen: 47.317 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU045238.D
Acq: 08 Oct 2021 09:47

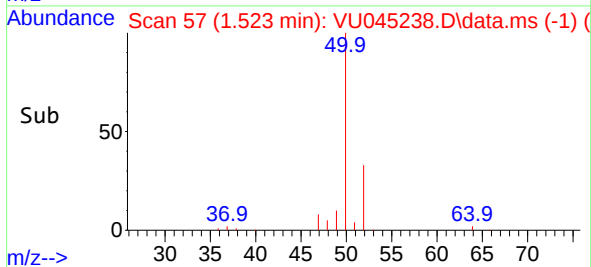
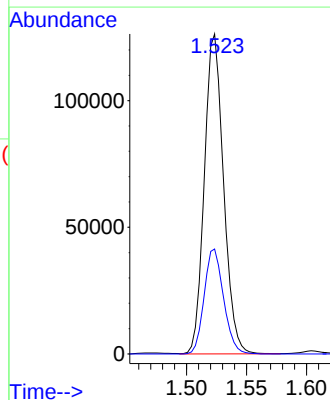
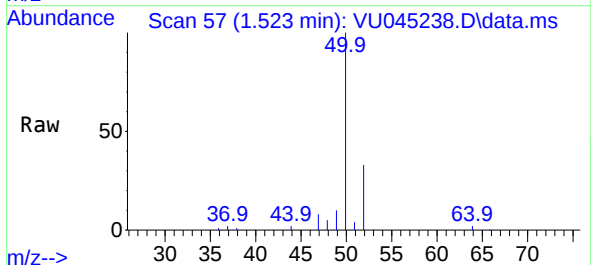
Instrument :
MSVOA_U
ClientSampled :

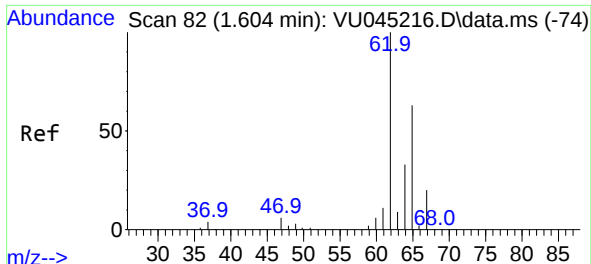
Tgt Ion: 85 Resp: 132764
Ion Ratio Lower Upper
85 100
87 31.9 25.2 37.8



#3
Chloromethane
Concen: 40.328 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU045238.D
Acq: 08 Oct 2021 09:47

Tgt Ion: 50 Resp: 141041
Ion Ratio Lower Upper
50 100
52 32.8 23.0 42.8

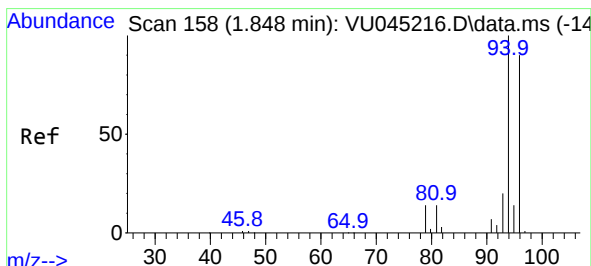
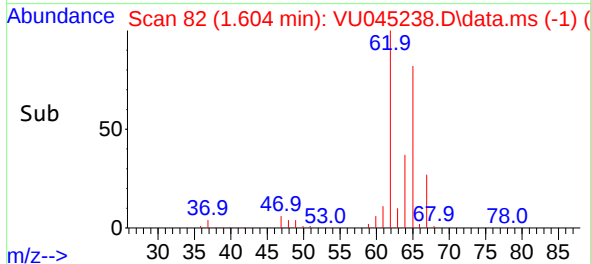
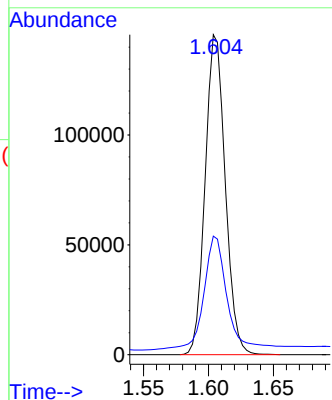
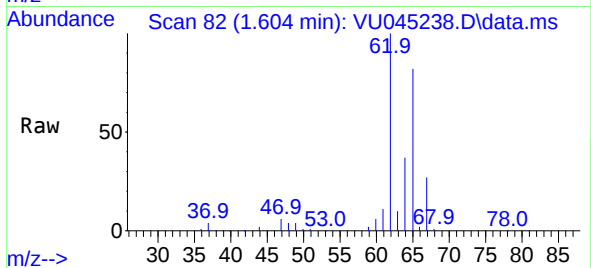




#5
 Vinyl chloride
 Concen: 45.770 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. -0.000 min
 Lab File: VU045238.D
 Acq: 08 Oct 2021 09:47

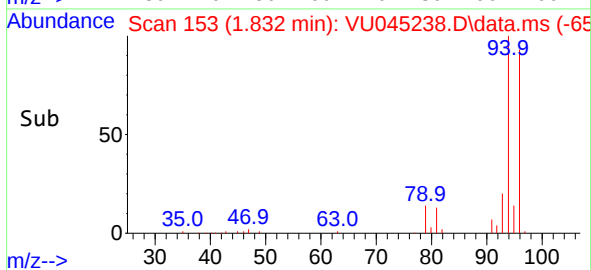
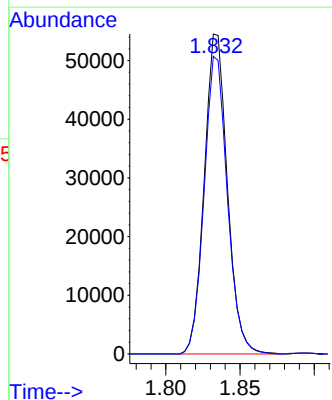
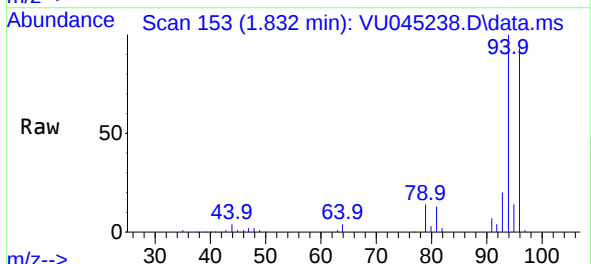
Instrument :
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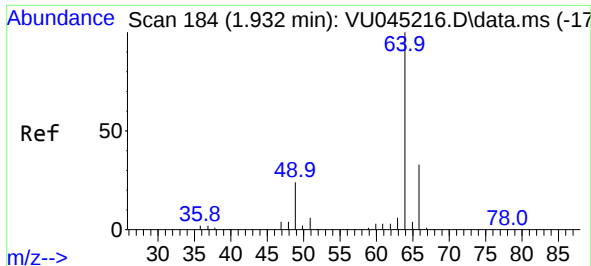
Tgt Ion: 62 Resp: 156828
 Ion Ratio Lower Upper
 62 100
 64 37.0 23.4 43.6



#6
 Bromomethane
 Concen: 35.881 ug/L
 RT: 1.832 min Scan# 153
 Delta R.T. -0.016 min
 Lab File: VU045238.D
 Acq: 08 Oct 2021 09:47

Tgt Ion: 94 Resp: 58968
 Ion Ratio Lower Upper
 94 100
 96 93.0 65.7 121.9

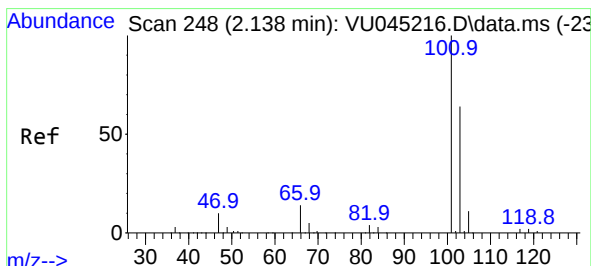
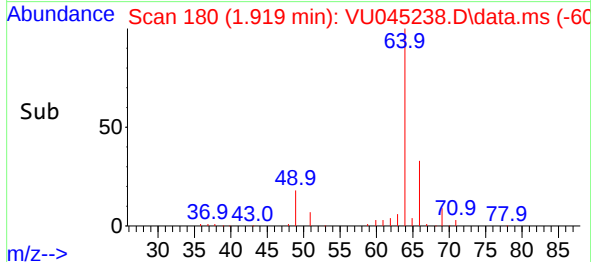
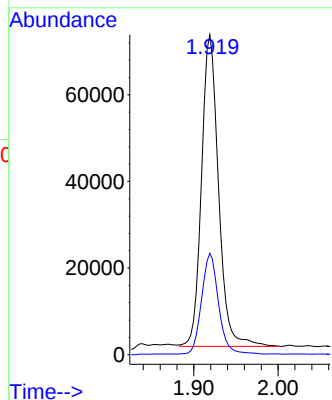
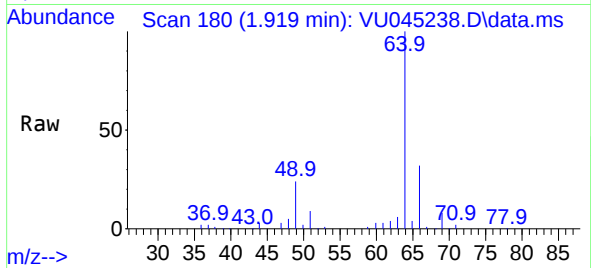




#8
Chloroethane
Concen: 47.199 ug/L
RT: 1.919 min Scan# 180
Delta R.T. -0.013 min
Lab File: VU045238.D
Acq: 08 Oct 2021 09:47

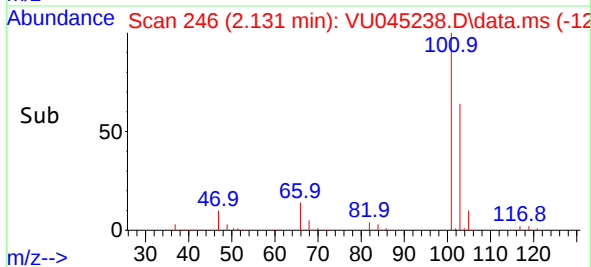
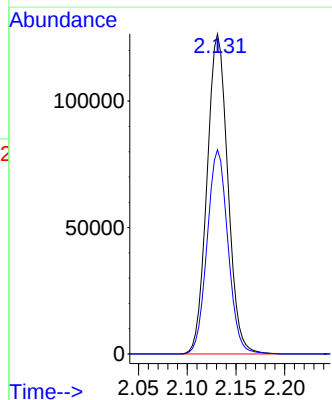
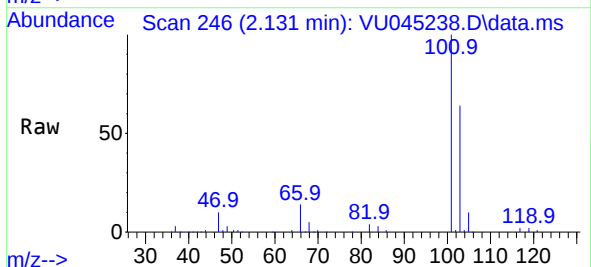
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ClientSampled :

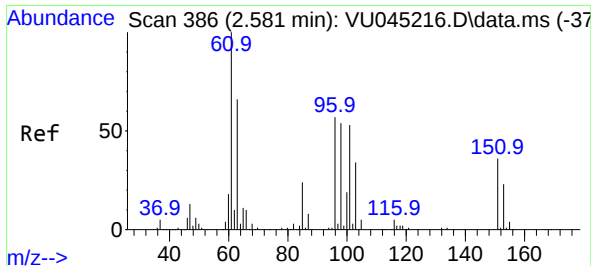
Tgt Ion: 64 Resp: 101503
Ion Ratio Lower Upper
64 100
66 31.6 22.3 41.3



#9
Trichlorofluoromethane
Concen: 48.029 ug/L
RT: 2.131 min Scan# 246
Delta R.T. -0.007 min
Lab File: VU045238.D
Acq: 08 Oct 2021 09:47

Tgt Ion:101 Resp: 188360
Ion Ratio Lower Upper
101 100
103 63.8 50.9 76.3

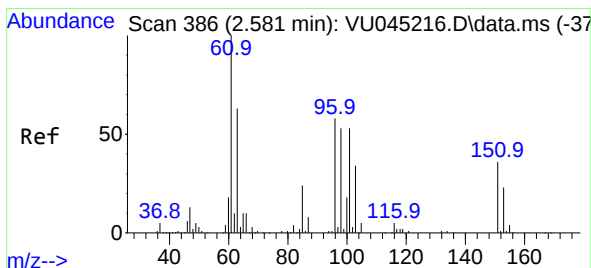
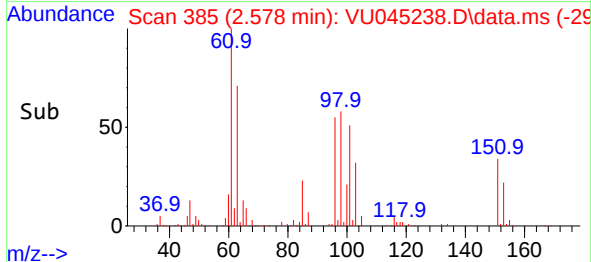
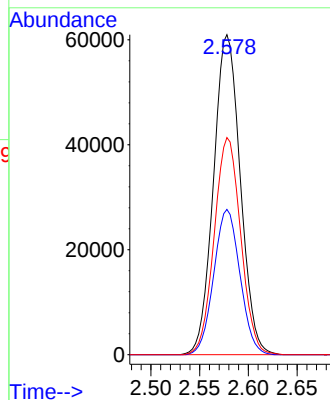
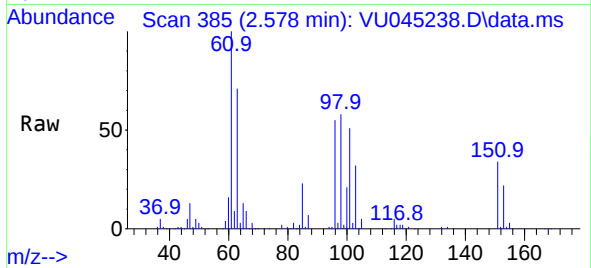




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 47.181 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU045238.D
Acq: 08 Oct 2021 09:47

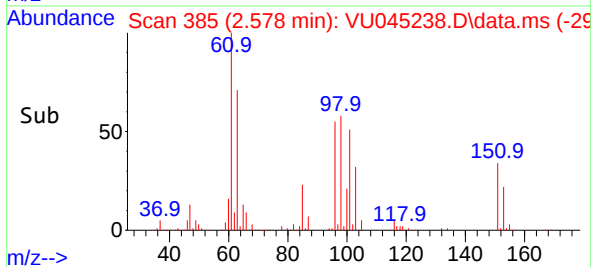
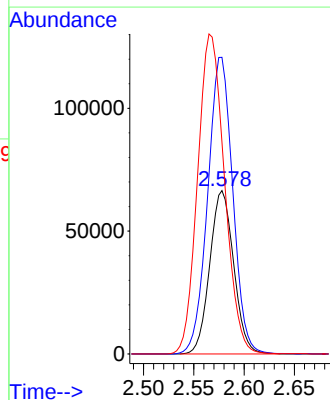
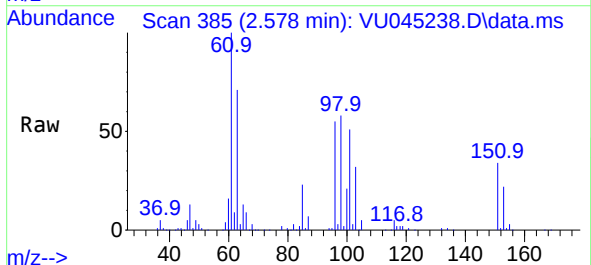
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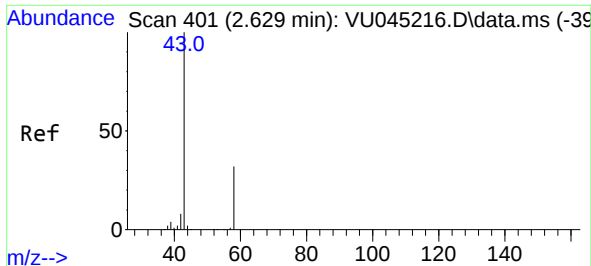
Tgt Ion:101 Resp: 116789
Ion Ratio Lower Upper
101 100
85 44.4 36.4 54.6
151 67.1 54.4 81.6



#12
1,1-Dichloroethene
Concen: 48.461 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU045238.D
Acq: 08 Oct 2021 09:47

Tgt Ion: 96 Resp: 109970
Ion Ratio Lower Upper
96 100
61 181.5 131.3 243.9
63 129.6 102.5 190.3

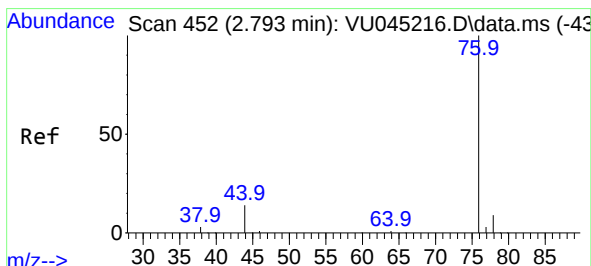
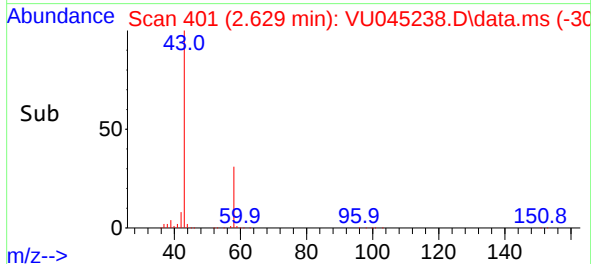
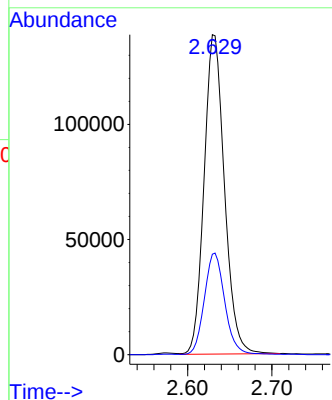
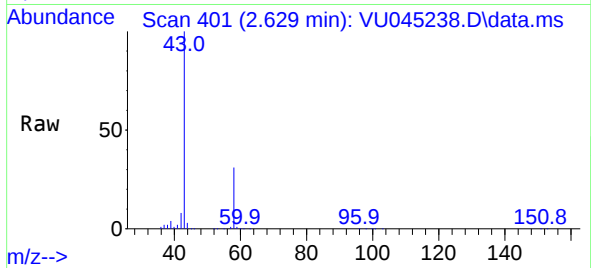




#13
Acetone
Concen: 79.662 ug/L
RT: 2.629 min Scan# 401
Delta R.T. -0.000 min
Lab File: VU045238.D
Acq: 08 Oct 2021 09:47

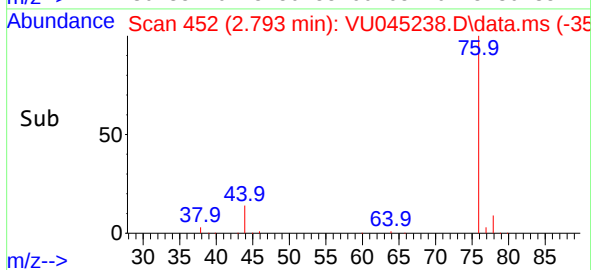
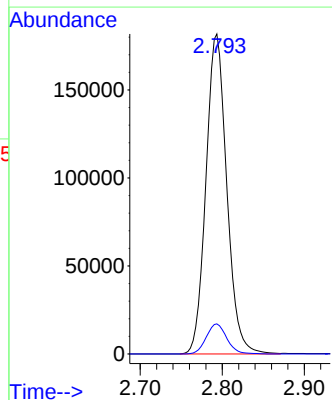
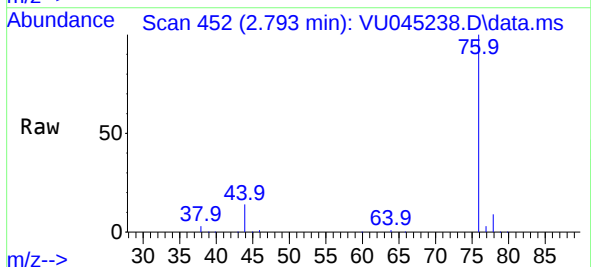
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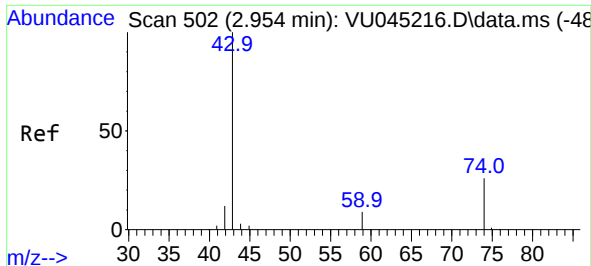
Tgt Ion: 43 Resp: 233535
Ion Ratio Lower Upper
43 100
58 31.8 0.0 62.8



#14
Carbon disulfide
Concen: 44.031 ug/L
RT: 2.793 min Scan# 452
Delta R.T. -0.000 min
Lab File: VU045238.D
Acq: 08 Oct 2021 09:47

Tgt Ion: 76 Resp: 320103
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9

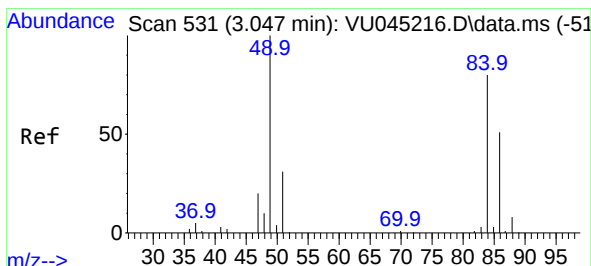
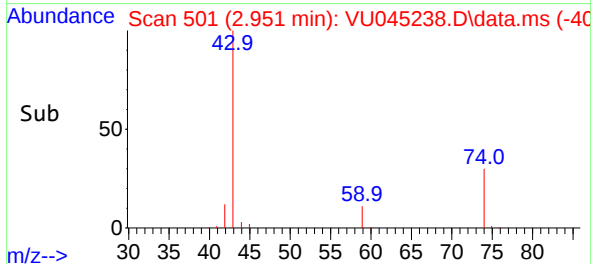
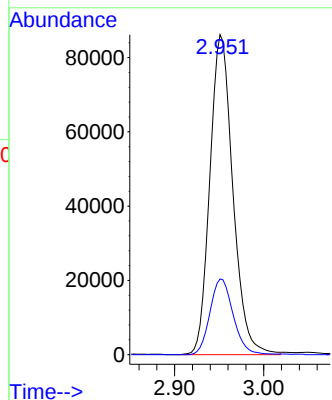
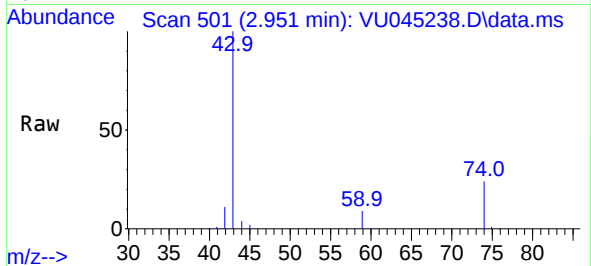




#15
Methyl Acetate
Concen: 42.751 ug/L
RT: 2.951 min Scan# 501
Delta R.T. -0.003 min
Lab File: VU045238.D
Acq: 08 Oct 2021 09:47

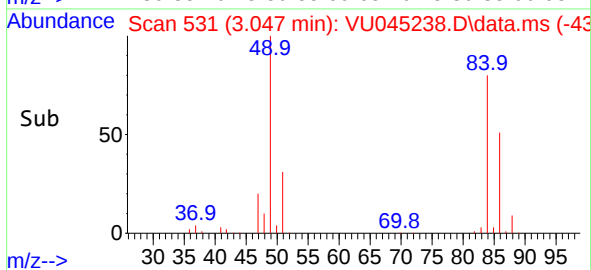
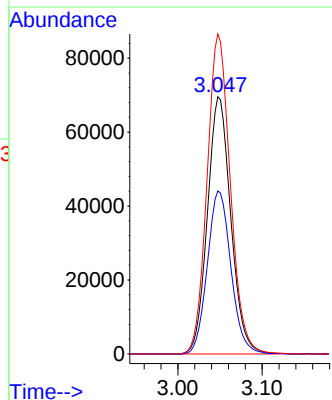
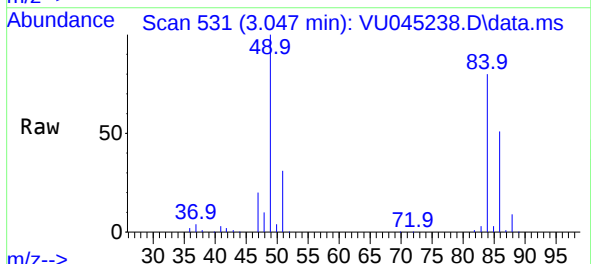
Instrument :
MSVOA_U
ClientSampled :

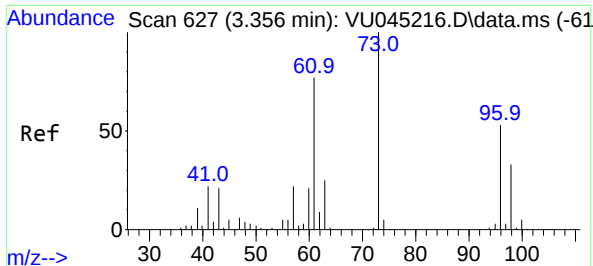
Tgt Ion: 43 Resp: 154567
Ion Ratio Lower Upper
43 100
74 23.9 18.4 27.6



#16
Methylene chloride
Concen: 46.732 ug/L
RT: 3.047 min Scan# 531
Delta R.T. -0.000 min
Lab File: VU045238.D
Acq: 08 Oct 2021 09:47

Tgt Ion: 84 Resp: 134351
Ion Ratio Lower Upper
84 100
86 63.4 44.7 83.1
49 124.4 92.9 172.5

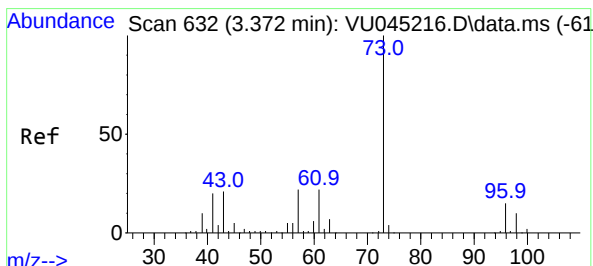
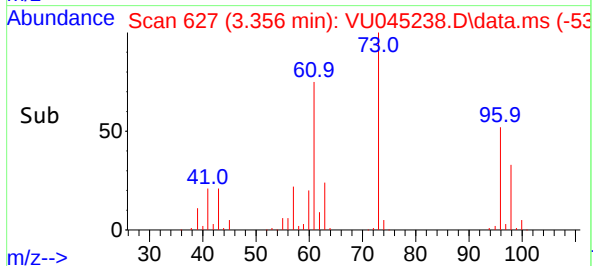
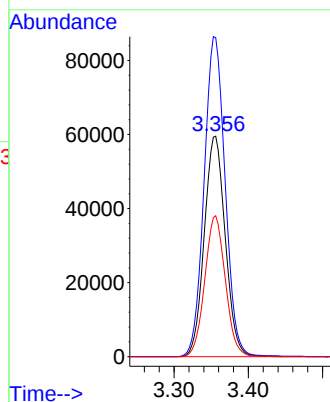
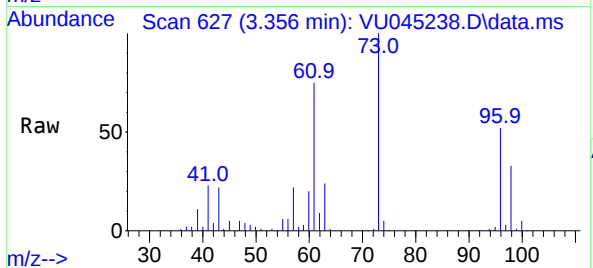




#17
trans-1,2-Dichloroethene
Concen: 48.907 ug/L
RT: 3.356 min Scan# 627
Delta R.T. -0.000 min
Lab File: VU045238.D
Acq: 08 Oct 2021 09:47

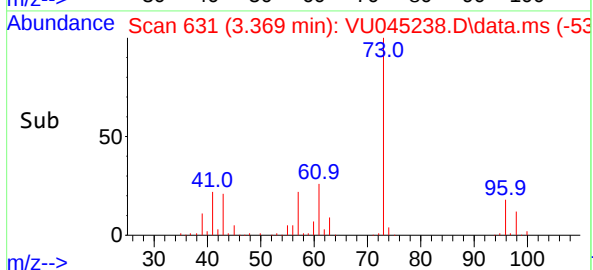
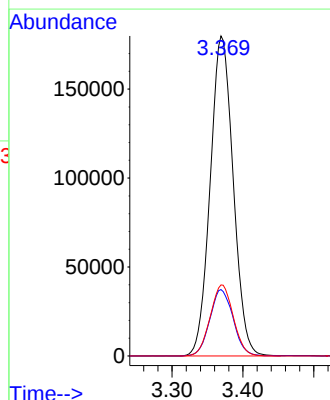
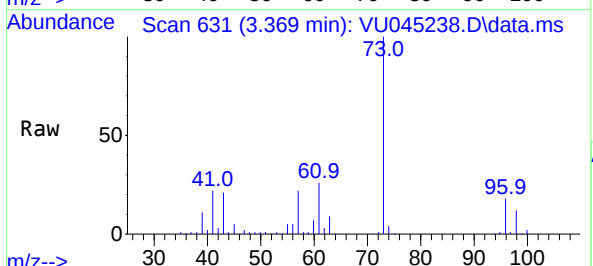
Instrument :
MSVOA_U
ClientSampled :

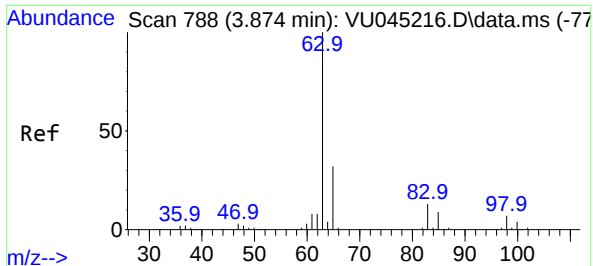
Tgt Ion: 96 Resp: 116911
Ion Ratio Lower Upper
96 100
61 144.7 105.1 195.3
98 64.0 43.0 79.8



#18
Methyl tert-butyl Ether
Concen: 51.441 ug/L
RT: 3.369 min Scan# 631
Delta R.T. -0.003 min
Lab File: VU045238.D
Acq: 08 Oct 2021 09:47

Tgt Ion: 73 Resp: 405468
Ion Ratio Lower Upper
73 100
43 21.1 17.3 25.9
57 22.3 18.7 28.1

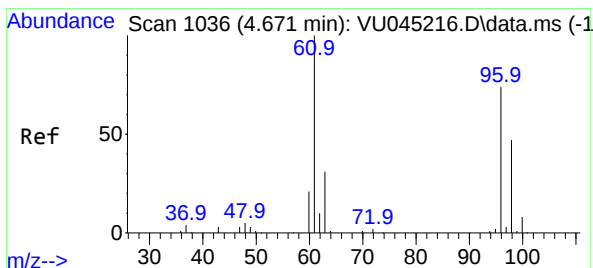
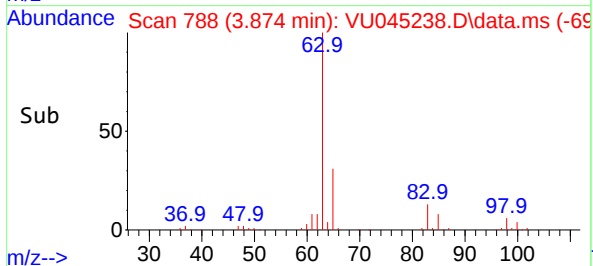
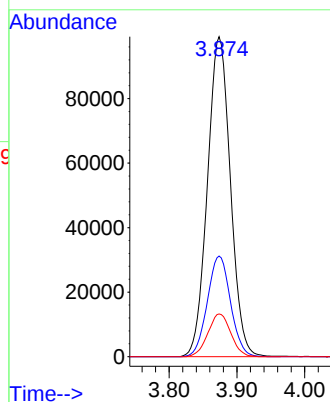
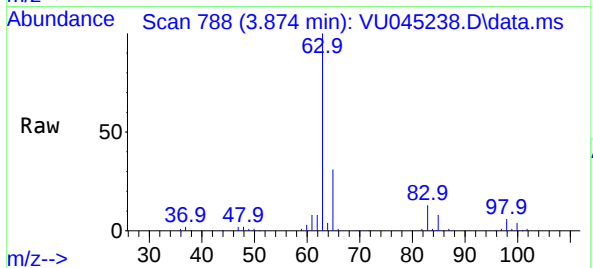




#19
1,1-Dichloroethane
Concen: 46.902 ug/L
RT: 3.874 min Scan# 788
Delta R.T. -0.000 min
Lab File: VU045238.D
Acq: 08 Oct 2021 09:47

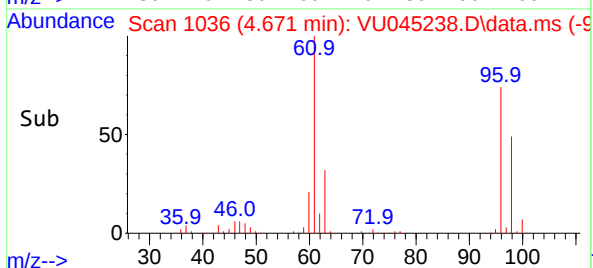
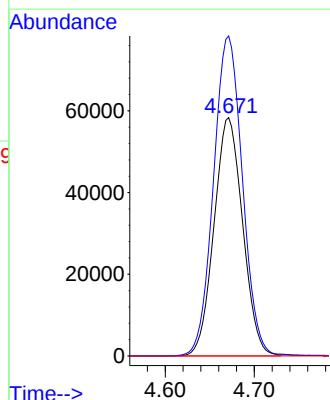
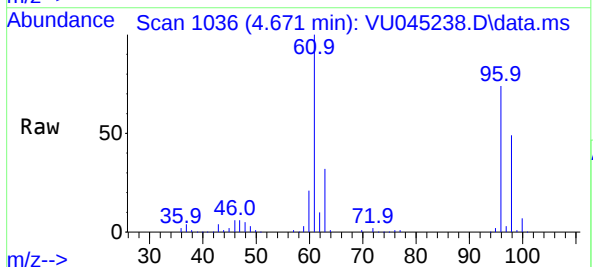
Instrument :
MSVOA_U
ClientSampleId :

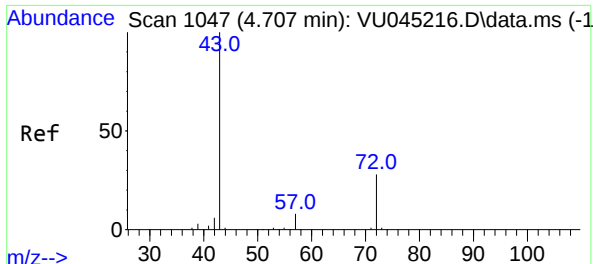
Tgt Ion: 63 Resp: 233246
Ion Ratio Lower Upper
63 100
65 31.5 22.0 40.8
83 13.4 9.0 16.6



#20
cis-1,2-Dichloroethene
Concen: 49.419 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU045238.D
Acq: 08 Oct 2021 09:47

Tgt Ion: 96 Resp: 130176
Ion Ratio Lower Upper
96 100
61 134.2 100.2 186.0
68 0.0 0.0 0.0

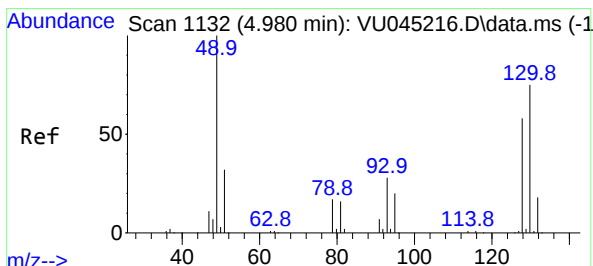
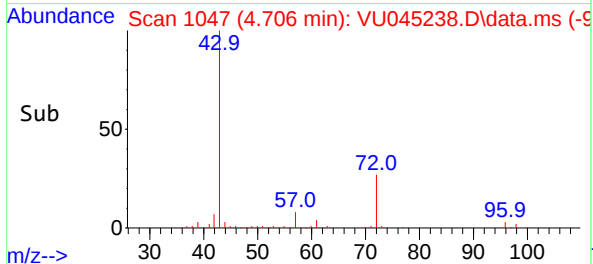
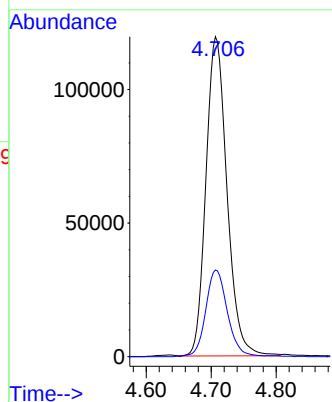
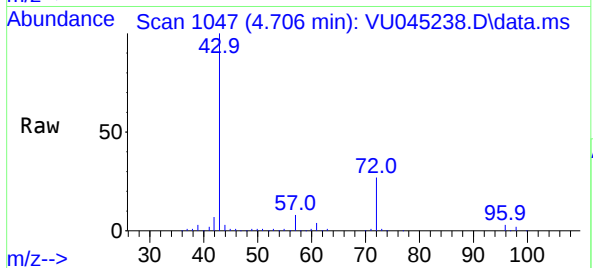




#22
2-Butanone
Concen: 82.125 ug/L
RT: 4.706 min Scan# 1047
Delta R.T. -0.000 min
Lab File: VU045238.D
Acq: 08 Oct 2021 09:47

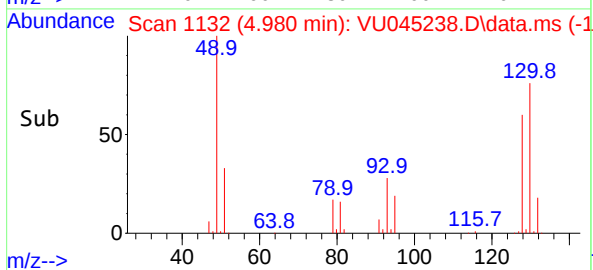
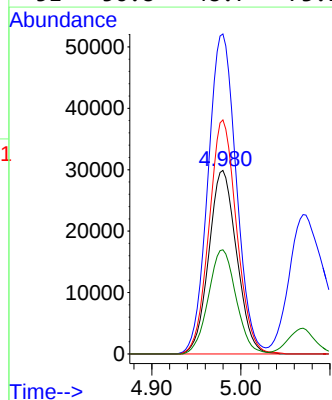
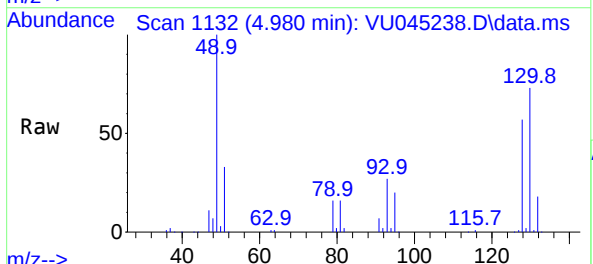
Instrument :
MSVOA_U
ClientSampled :

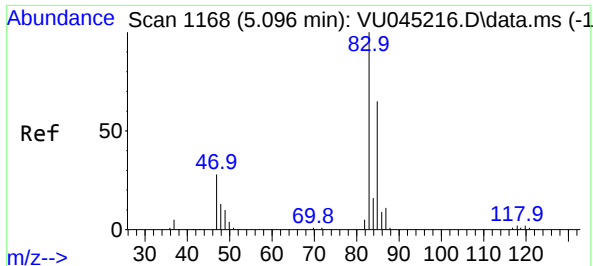
Tgt Ion: 43 Resp: 269460
Ion Ratio Lower Upper
43 100
72 27.9 13.3 39.9



#23
Bromochloromethane
Concen: 48.489 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VU045238.D
Acq: 08 Oct 2021 09:47

Tgt Ion:128 Resp: 64749
Ion Ratio Lower Upper
128 100
49 174.4 132.9 246.7
130 127.5 88.2 163.8
51 56.8 48.7 73.1



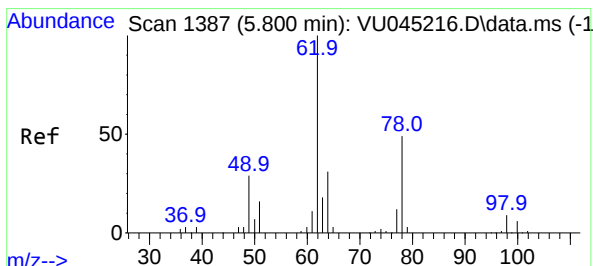
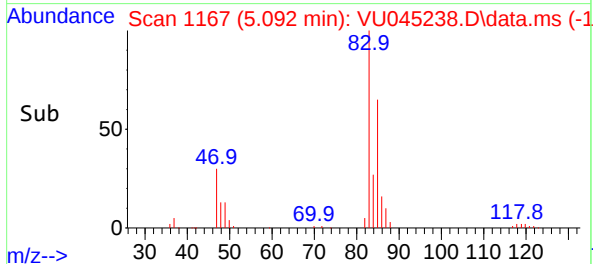
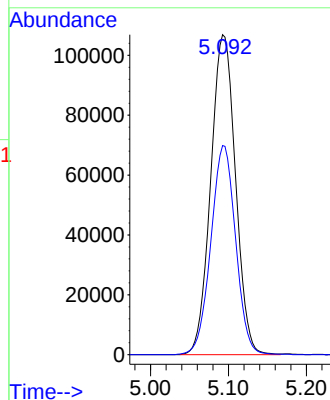
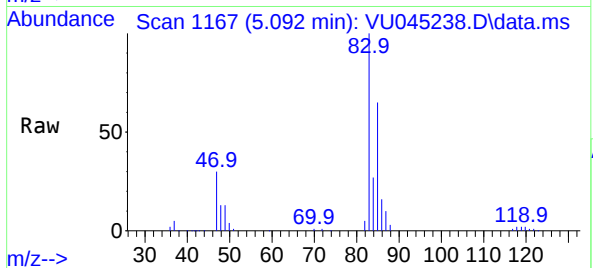


#25

Chloroform
Concen: 47.781 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. -0.003 min
Lab File: VU045238.D
Acq: 08 Oct 2021 09:47

Instrument :
MSVOA_U
ClientSampleId :

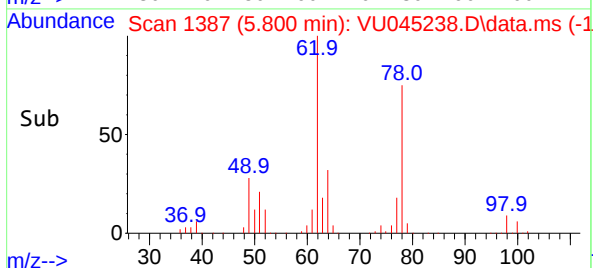
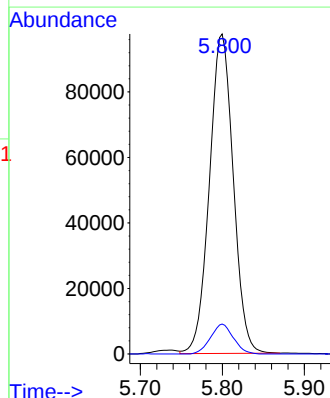
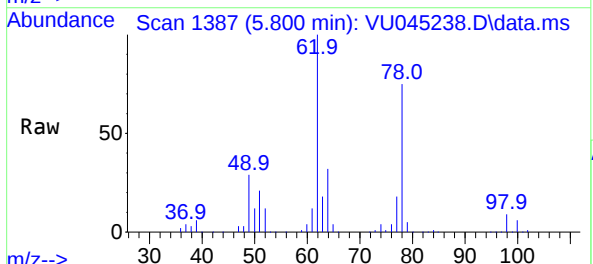
Tgt Ion: 83 Resp: 236227
Ion Ratio Lower Upper
83 100
85 65.3 45.6 84.6

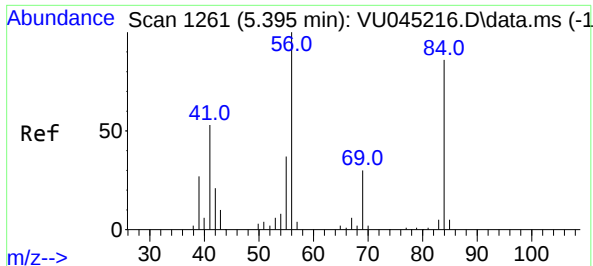


#27

1,2-Dichloroethane
Concen: 47.617 ug/L
RT: 5.800 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VU045238.D
Acq: 08 Oct 2021 09:47

Tgt Ion: 62 Resp: 196899
Ion Ratio Lower Upper
62 100
98 9.4 7.1 10.7





#29

Cyclohexane

Concen: 47.713 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. -0.003 min

Lab File: VU045238.D

Acq: 08 Oct 2021 09:47

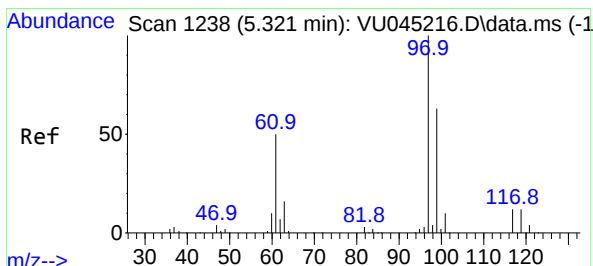
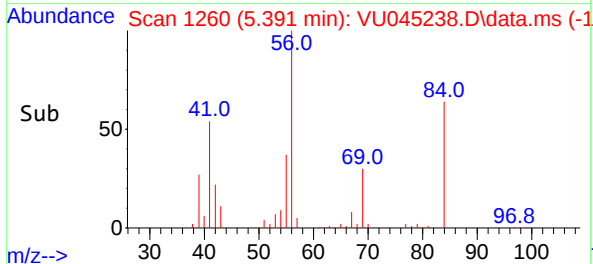
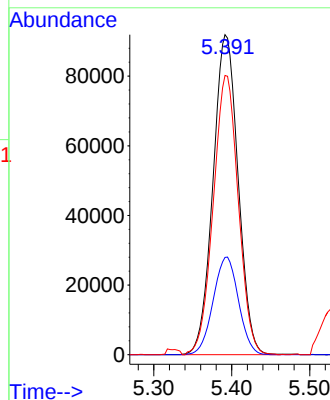
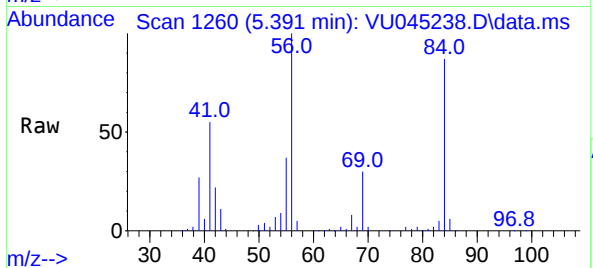
Tgt Ion: 56 Resp: 205811

Ion Ratio Lower Upper

56 100

69 30.8 23.8 35.8

84 87.0 66.8 100.2



#30

1,1,1-Trichloroethane

Concen: 47.666 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VU045238.D

Acq: 08 Oct 2021 09:47

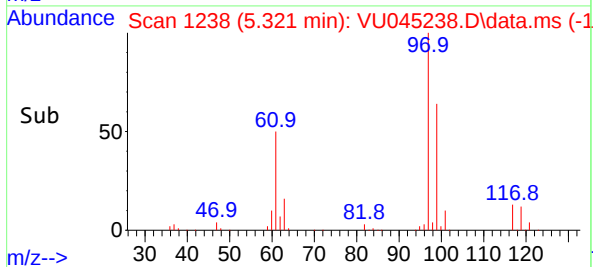
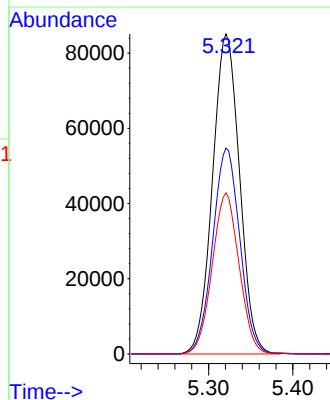
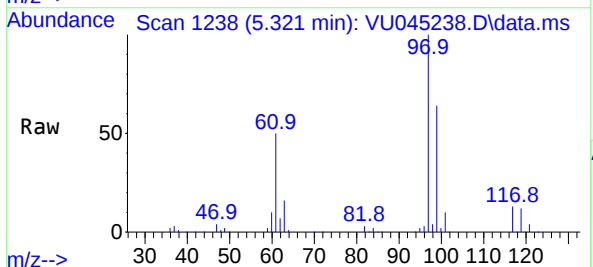
Tgt Ion: 97 Resp: 189350

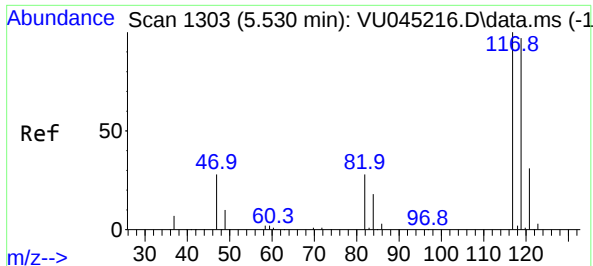
Ion Ratio Lower Upper

97 100

99 64.8 50.6 75.8

61 50.1 41.3 61.9

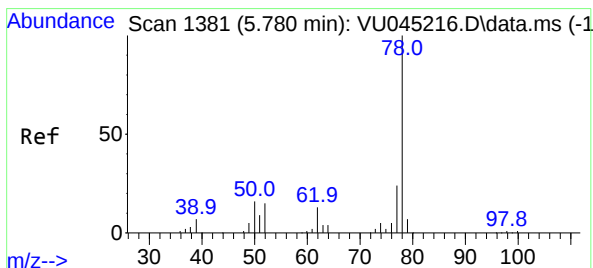
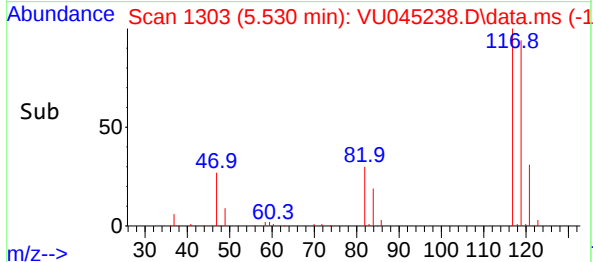
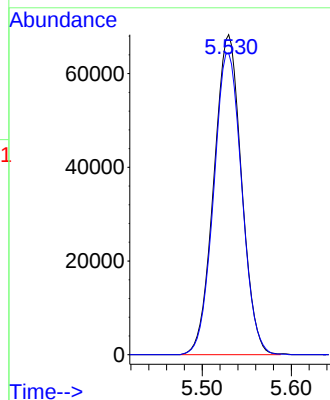
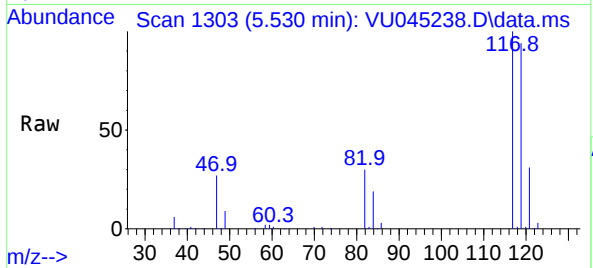




#31
Carbon tetrachloride
Concen: 46.967 ug/L
RT: 5.530 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VU045238.D
Acq: 08 Oct 2021 09:47

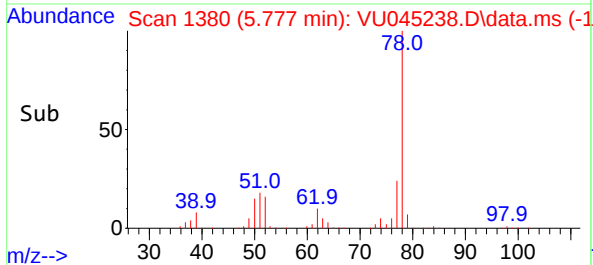
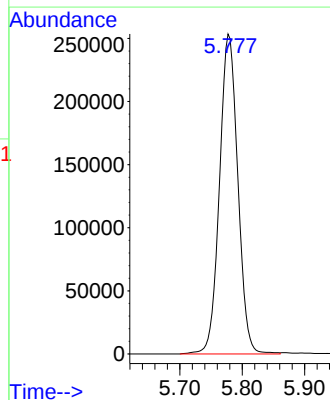
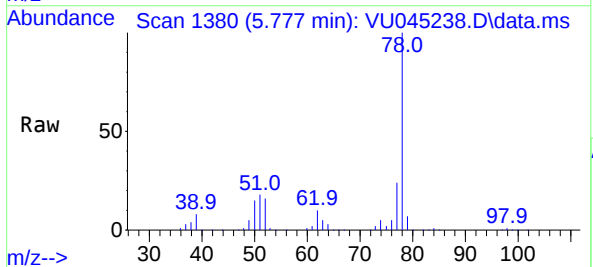
Instrument :
MSVOA_U
ClientSampled :

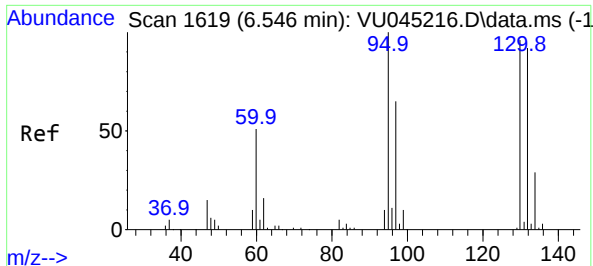
Tgt Ion:117 Resp: 147359
Ion Ratio Lower Upper
117 100
119 95.7 77.7 116.5



#33
Benzene
Concen: 48.550 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.003 min
Lab File: VU045238.D
Acq: 08 Oct 2021 09:47

Tgt Ion: 78 Resp: 516740

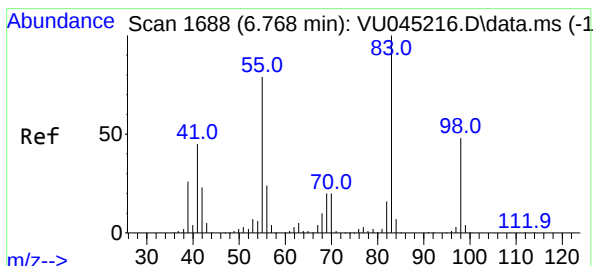
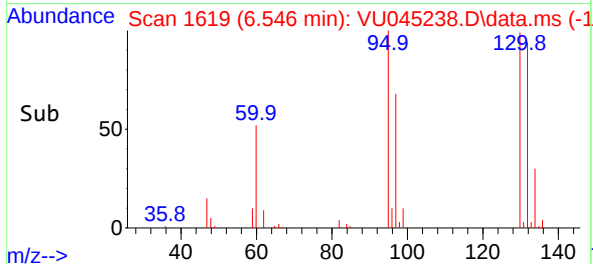
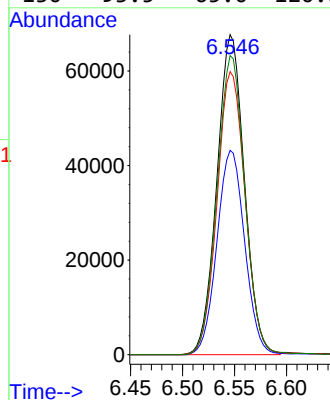
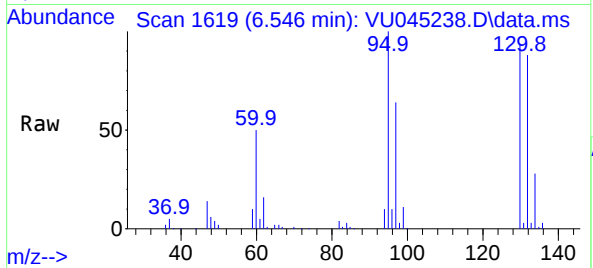




#34
Trichloroethene
Concen: 48.799 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045238.D
Acq: 08 Oct 2021 09:47

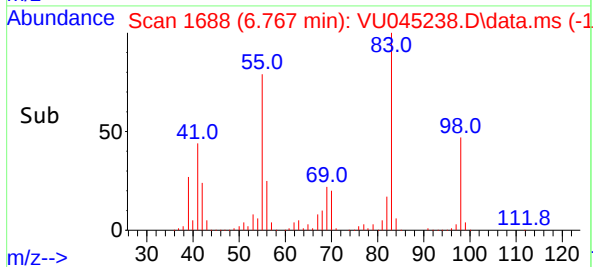
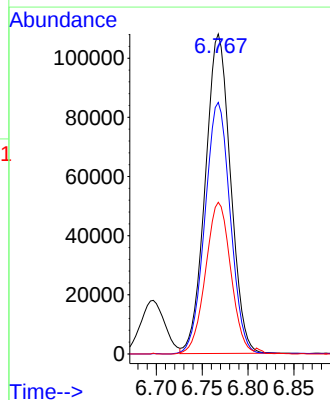
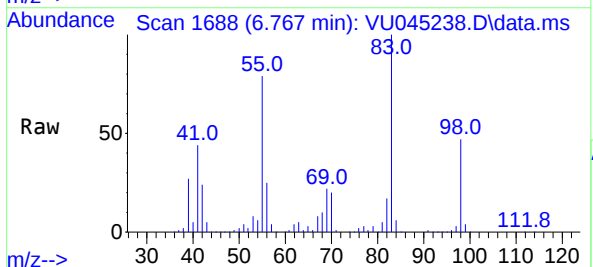
Instrument :
MSVOA_U
ClientSampleId :

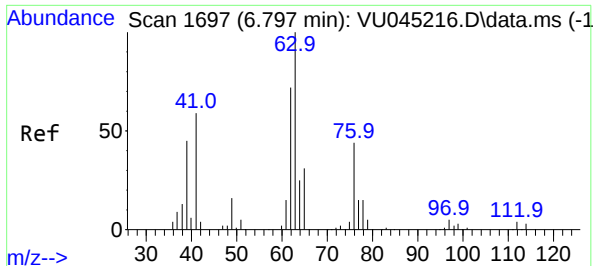
Tgt Ion: 95 Resp: 124754
Ion Ratio Lower Upper
95 100
97 63.9 44.4 82.4
132 88.5 62.9 116.9
130 93.5 65.0 120.8



#35
Methylcyclohexane
Concen: 48.364 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VU045238.D
Acq: 08 Oct 2021 09:47

Tgt Ion: 83 Resp: 207000
Ion Ratio Lower Upper
83 100
55 79.3 65.8 98.6
98 47.4 37.1 55.7

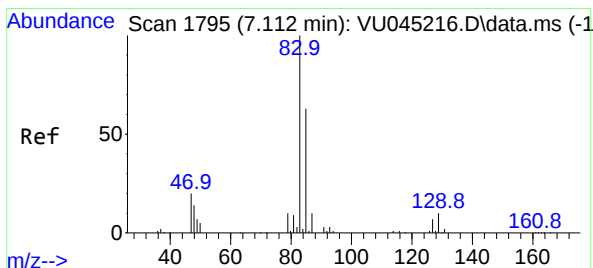
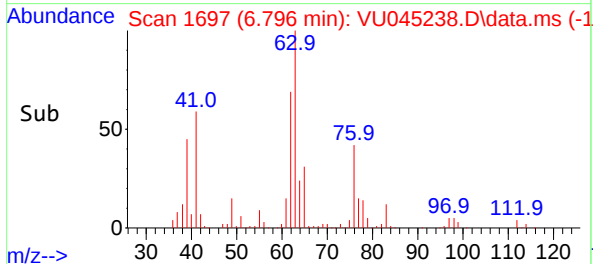
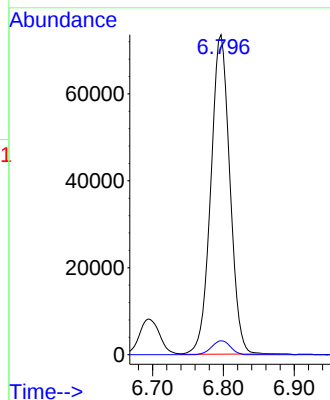
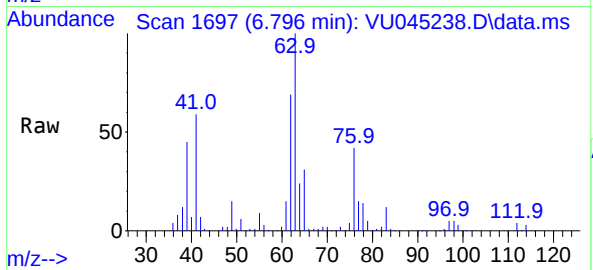




#37
1,2-Dichloropropane
Concen: 47.444 ug/L
RT: 6.796 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VU045238.D
Acq: 08 Oct 2021 09:47

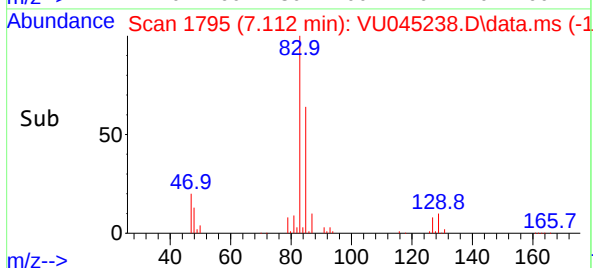
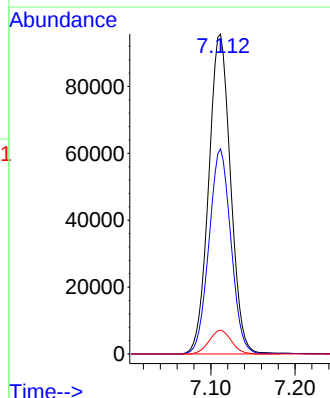
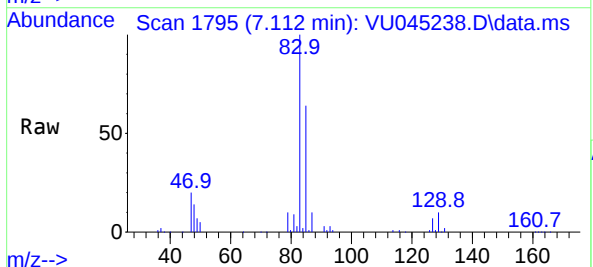
Instrument :
MSVOA_U
ClientSampled :

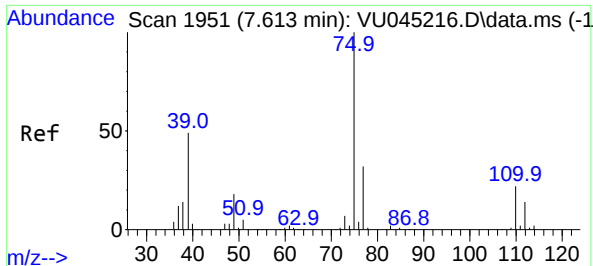
Tgt Ion: 63 Resp: 137489
Ion Ratio Lower Upper
63 100
112 4.3 3.2 4.8



#38
Bromodichloromethane
Concen: 48.561 ug/L
RT: 7.112 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VU045238.D
Acq: 08 Oct 2021 09:47

Tgt Ion: 83 Resp: 172499
Ion Ratio Lower Upper
83 100
85 64.1 44.6 82.8
127 7.5 6.2 9.2



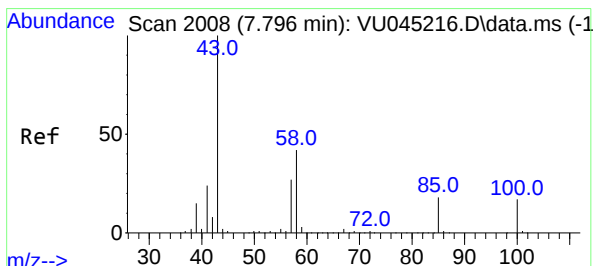
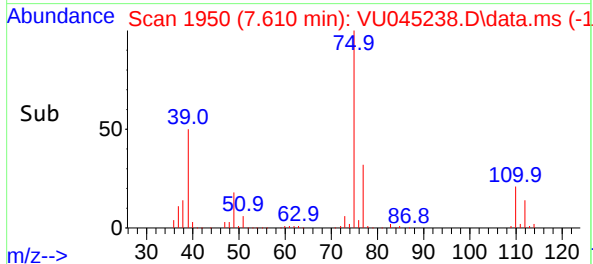
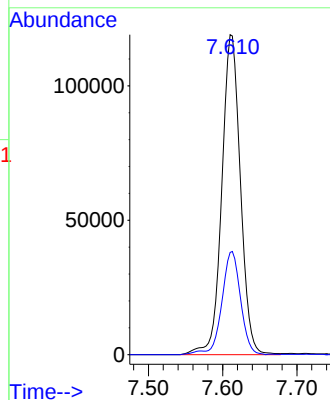
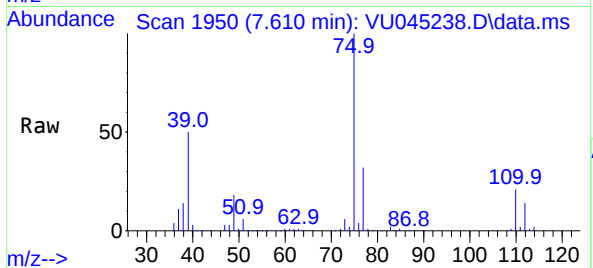


#39

cis-1,3-Dichloropropene
Concen: 50.142 ug/L
RT: 7.610 min Scan# 1950
Delta R.T. -0.003 min
Lab File: VU045238.D
Acq: 08 Oct 2021 09:47

Instrument :
MSVOA_U
ClientSampled :

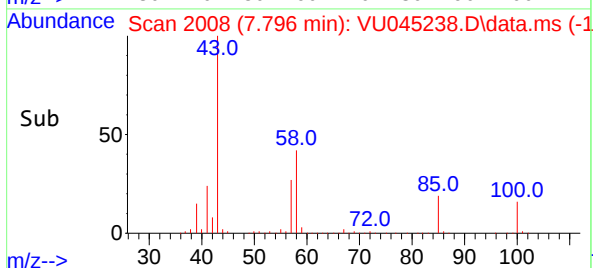
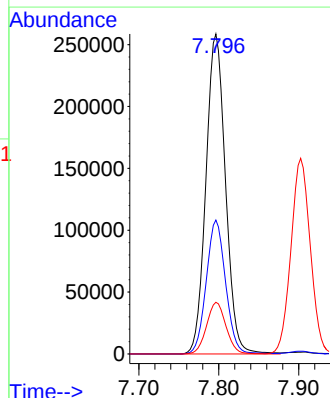
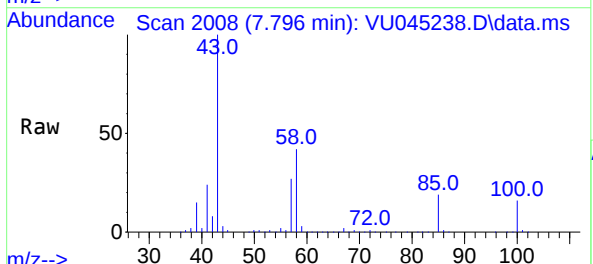
Tgt Ion: 75 Resp: 207911
Ion Ratio Lower Upper
75 100
77 32.0 22.4 41.6

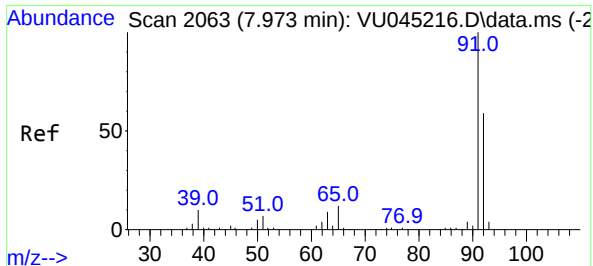


#40

4-Methyl-2-pentanone
Concen: 90.926 ug/L
RT: 7.796 min Scan# 2008
Delta R.T. -0.000 min
Lab File: VU045238.D
Acq: 08 Oct 2021 09:47

Tgt Ion: 43 Resp: 440166
Ion Ratio Lower Upper
43 100
58 41.4 31.8 47.8
100 16.0 11.8 17.6

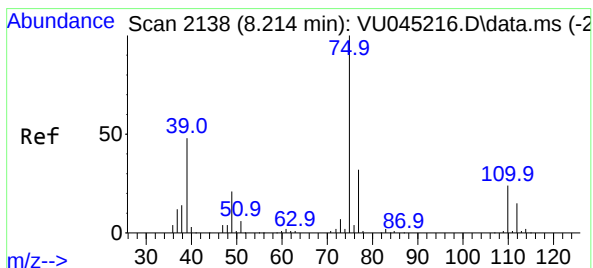
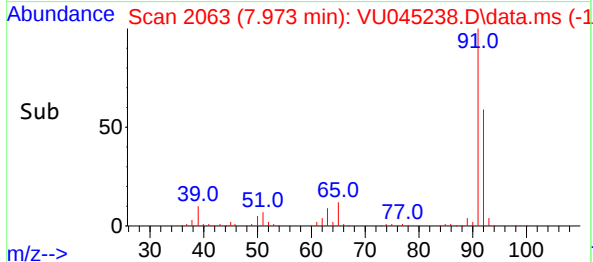
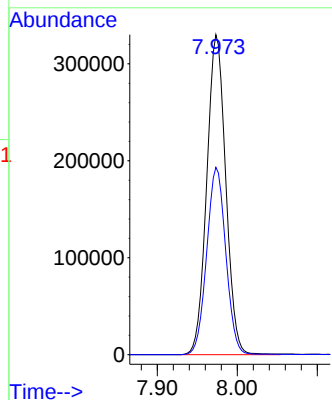
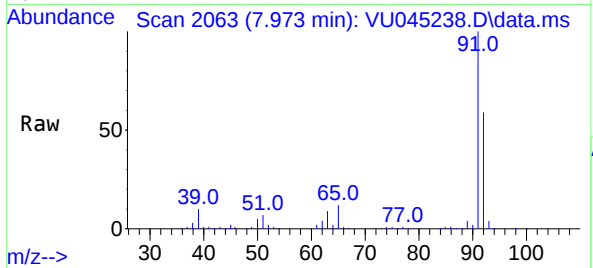




#42
Toluene
Concen: 50.453 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU045238.D
Acq: 08 Oct 2021 09:47

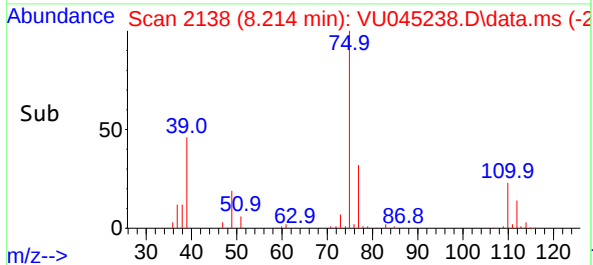
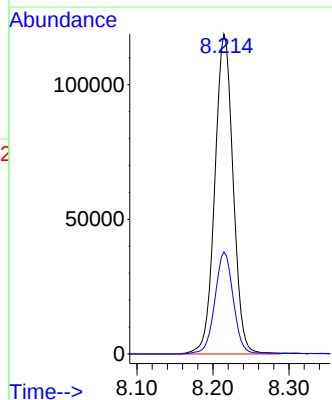
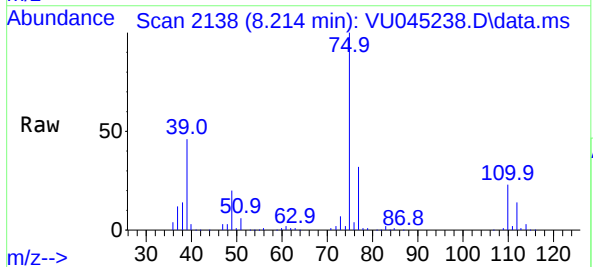
Instrument :
MSVOA_U
ClientSampled :

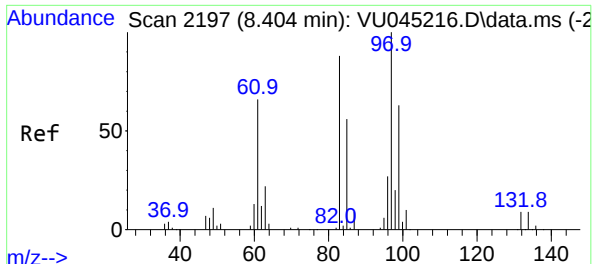
Tgt Ion: 91 Resp: 545623
Ion Ratio Lower Upper
91 100
92 58.5 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 50.466 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. -0.000 min
Lab File: VU045238.D
Acq: 08 Oct 2021 09:47

Tgt Ion: 75 Resp: 198972
Ion Ratio Lower Upper
75 100
77 31.9 21.7 40.3



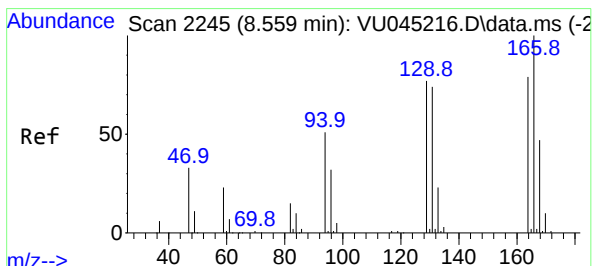
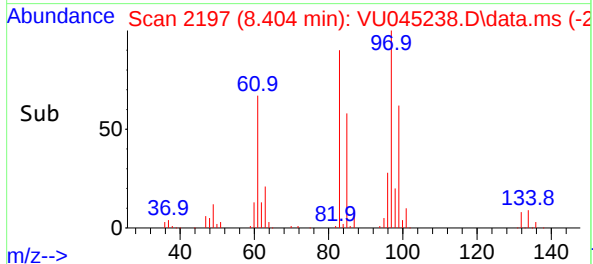
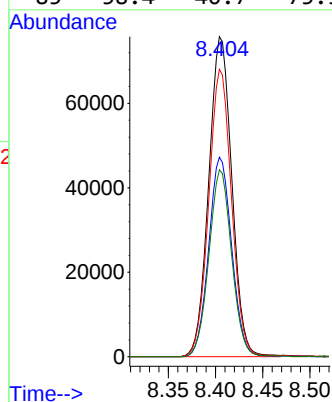
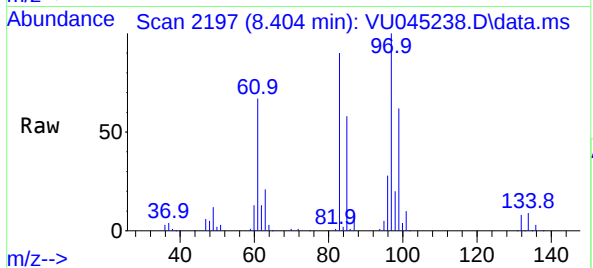


#45
1,1,2-Trichloroethane
Concen: 49.050 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. -0.000 min
Lab File: VU045238.D
Acq: 08 Oct 2021 09:47

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 128818

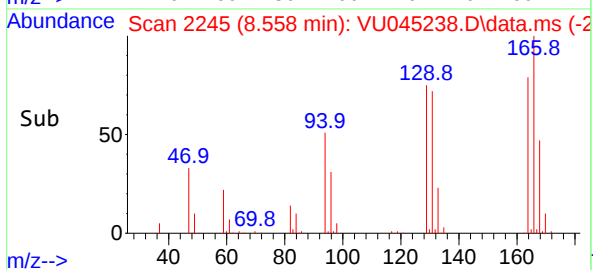
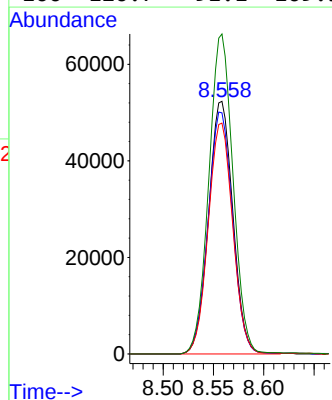
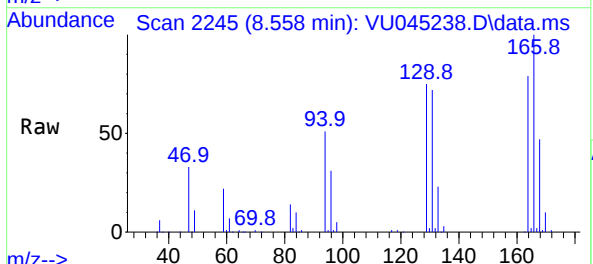
Ion	Ratio	Lower	Upper
97	100		
99	62.3	43.7	81.1
83	89.8	61.9	115.1
85	58.4	40.7	75.5

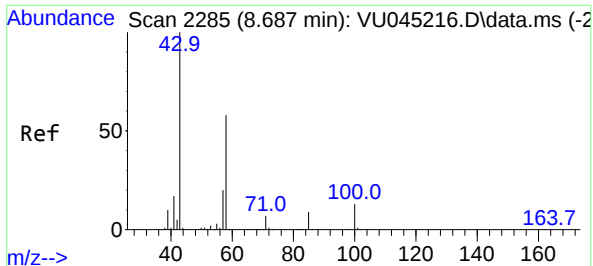


#46
Tetrachloroethene
Concen: 48.205 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.000 min
Lab File: VU045238.D
Acq: 08 Oct 2021 09:47

Tgt Ion: 164 Resp: 88084

Ion	Ratio	Lower	Upper
164	100		
129	95.4	69.8	129.6
131	91.4	66.4	123.2
166	126.7	91.1	169.3

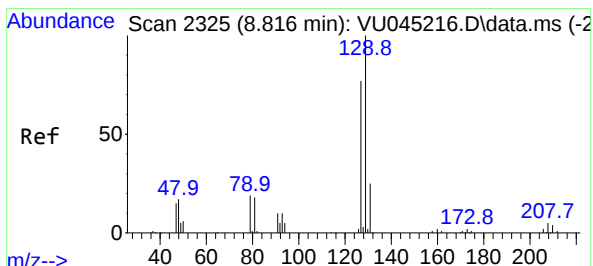
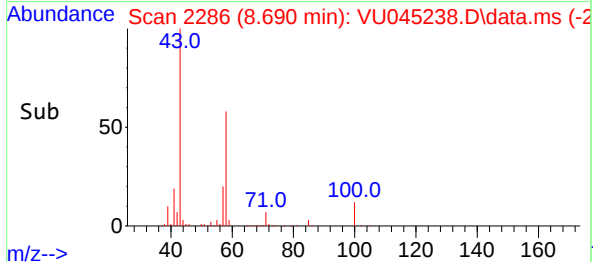
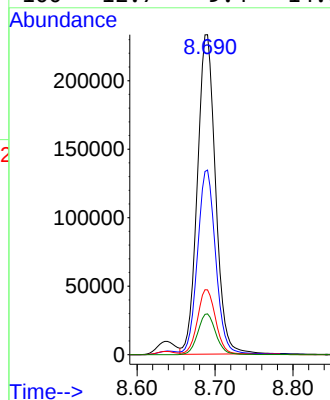
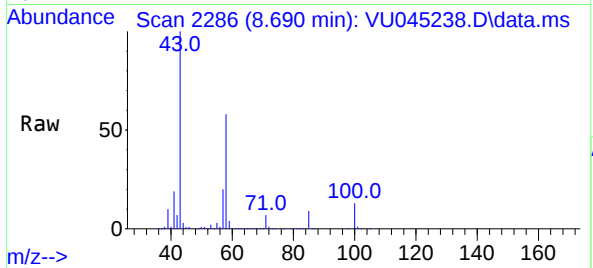




#48
2-Hexanone
Concen: 88.021 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. 0.003 min
Lab File: VU045238.D
Acq: 08 Oct 2021 09:47

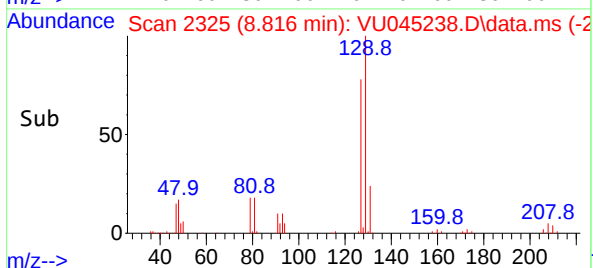
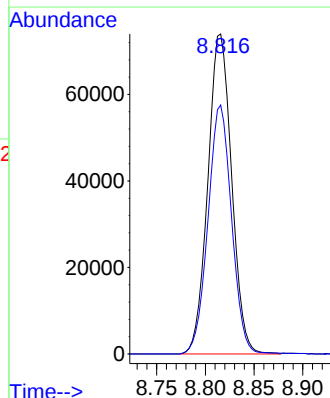
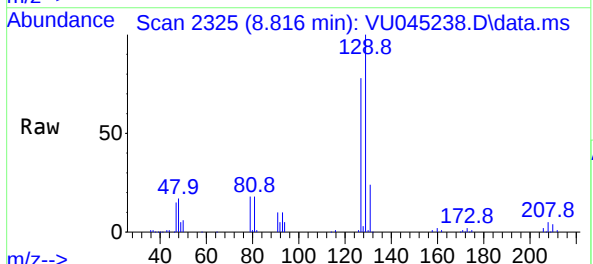
Instrument :
MSVOA_U
ClientSampleId :

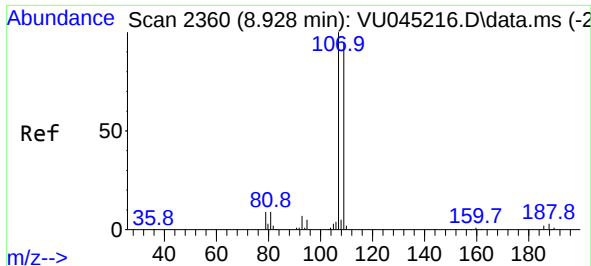
Tgt Ion: 43 Resp: 377857
Ion Ratio Lower Upper
43 100
58 57.8 44.9 67.3
57 20.1 15.5 23.3
100 12.7 9.4 14.0



#49
Dibromochloromethane
Concen: 48.436 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. -0.000 min
Lab File: VU045238.D
Acq: 08 Oct 2021 09:47

Tgt Ion: 129 Resp: 125806
Ion Ratio Lower Upper
129 100
127 77.8 54.3 100.8

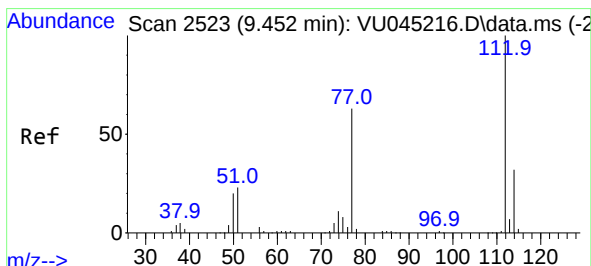
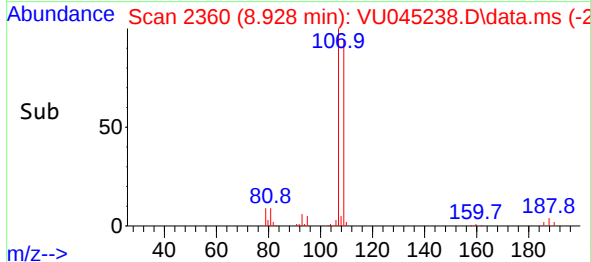
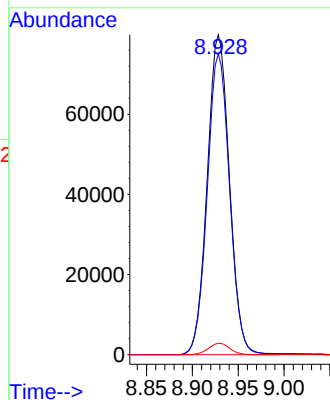
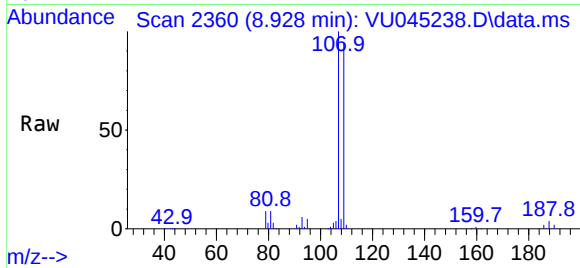




#50
1,2-Dibromoethane
Concen: 49.032 ug/L
RT: 8.928 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VU045238.D
Acq: 08 Oct 2021 09:47

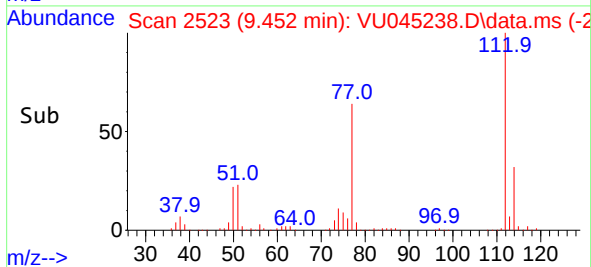
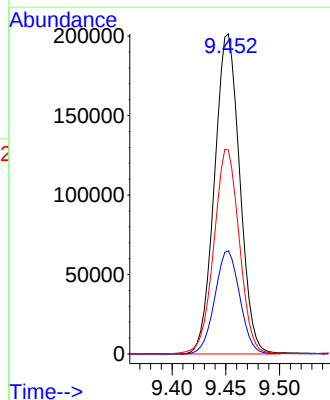
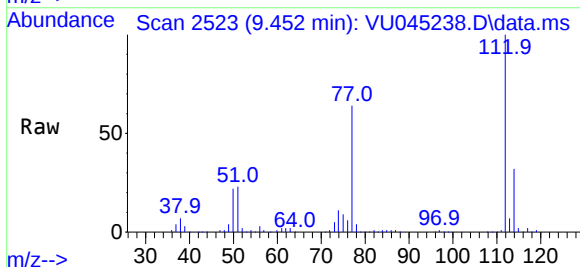
Instrument :
MSVOA_U
ClientSampleId :

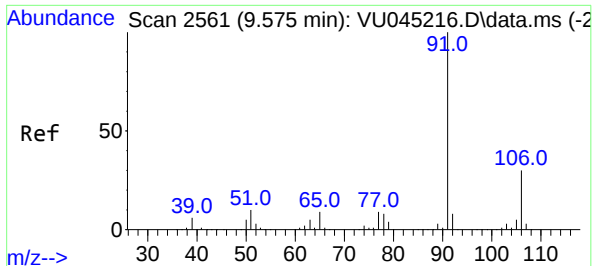
Tgt Ion:107 Resp: 134822
Ion Ratio Lower Upper
107 100
109 94.0 65.5 121.6
188 3.6 2.6 3.8



#51
Chlorobenzene
Concen: 49.312 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. -0.000 min
Lab File: VU045238.D
Acq: 08 Oct 2021 09:47

Tgt Ion:112 Resp: 329226
Ion Ratio Lower Upper
112 100
114 32.2 22.5 41.9
77 63.8 50.6 75.8

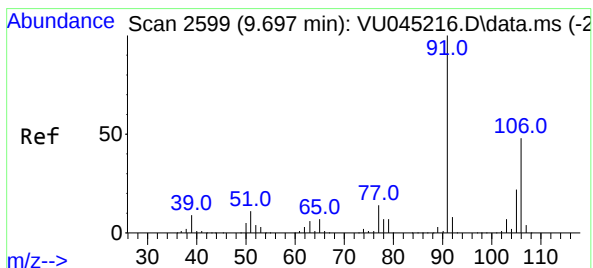
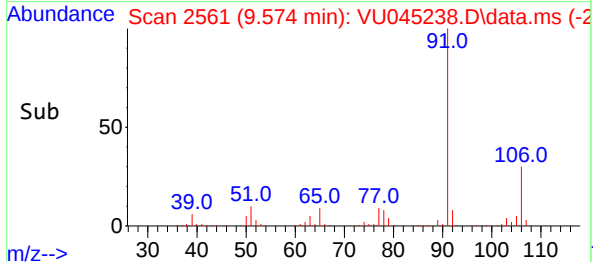
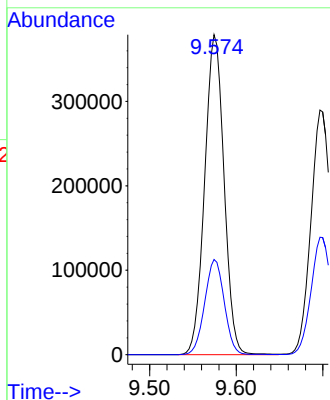
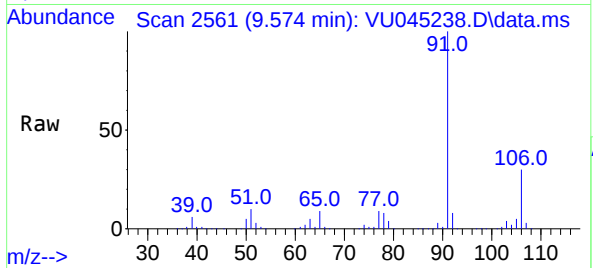




#52
Ethylbenzene
Concen: 51.557 ug/L
RT: 9.574 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU045238.D
Acq: 08 Oct 2021 09:47

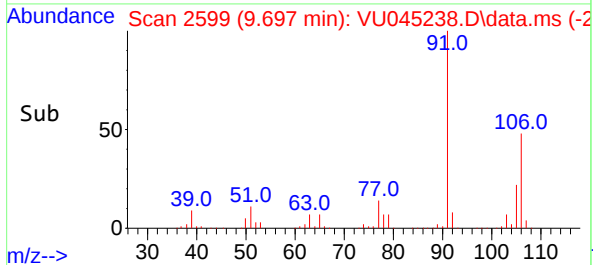
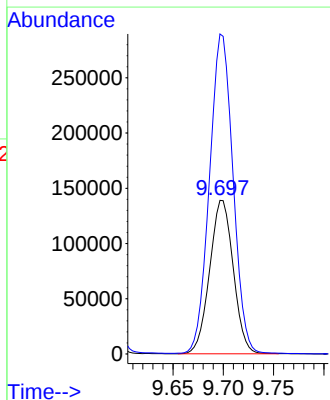
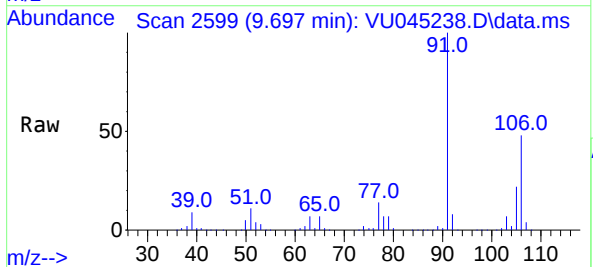
Instrument :
MSVOA_U
ClientSampled :

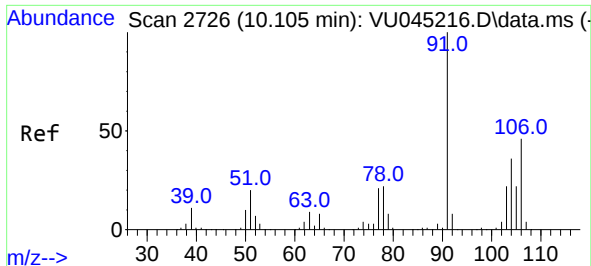
Tgt Ion: 91 Resp: 588999
Ion Ratio Lower Upper
91 100
106 29.7 21.2 39.4



#53
m,p-Xylene
Concen: 52.446 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU045238.D
Acq: 08 Oct 2021 09:47

Tgt Ion:106 Resp: 226976
Ion Ratio Lower Upper
106 100
91 208.2 146.7 272.4

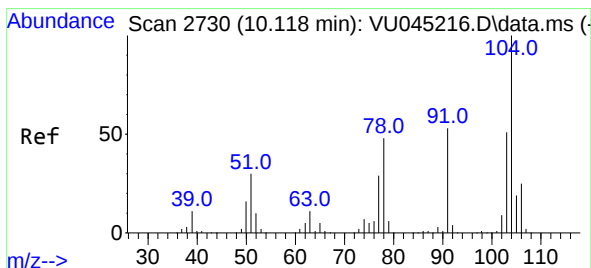
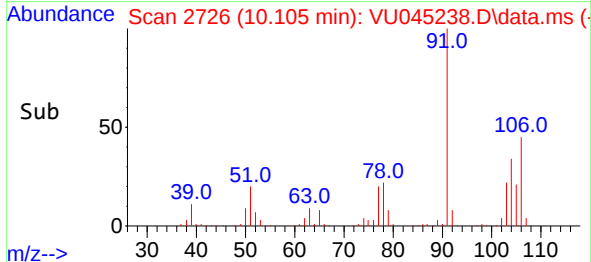
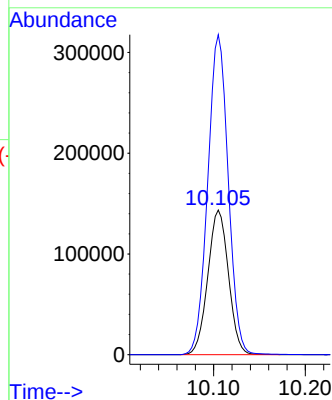
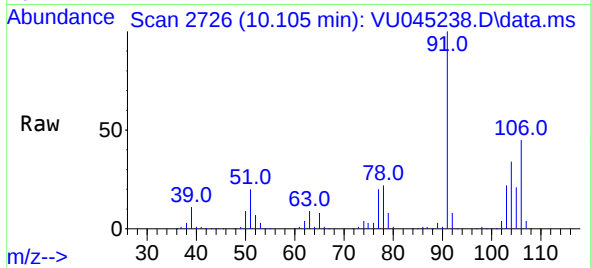




#54
o-xylene
Concen: 52.941 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. -0.000 min
Lab File: VU045238.D
Acq: 08 Oct 2021 09:47

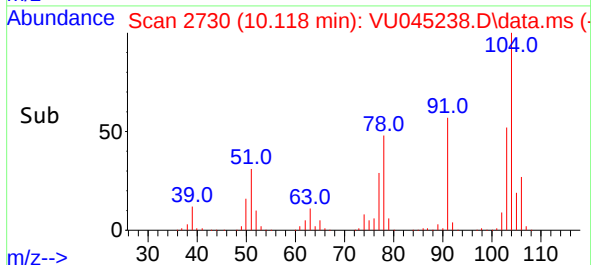
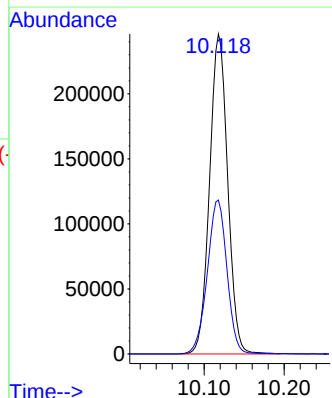
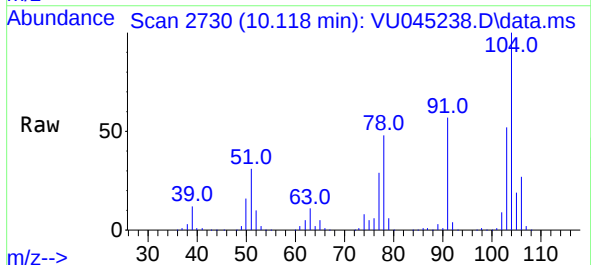
Instrument :
MSVOA_U
ClientSampled :

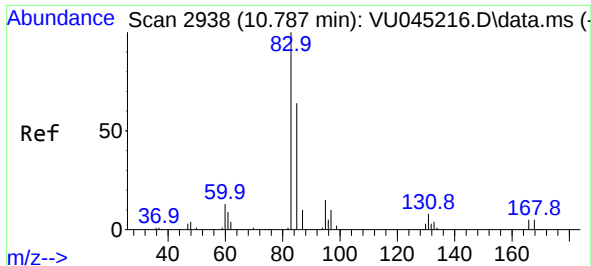
Tgt Ion:106 Resp: 225146
Ion Ratio Lower Upper
106 100
91 221.1 152.9 283.9



#55
Styrene
Concen: 52.994 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU045238.D
Acq: 08 Oct 2021 09:47

Tgt Ion:104 Resp: 387572
Ion Ratio Lower Upper
104 100
78 48.1 33.3 61.9



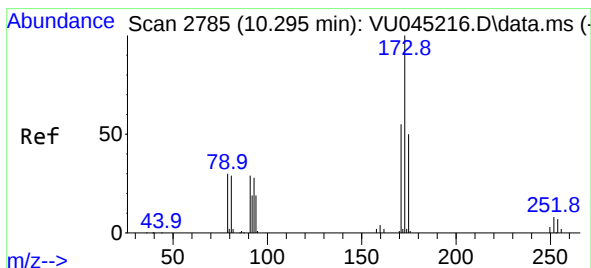
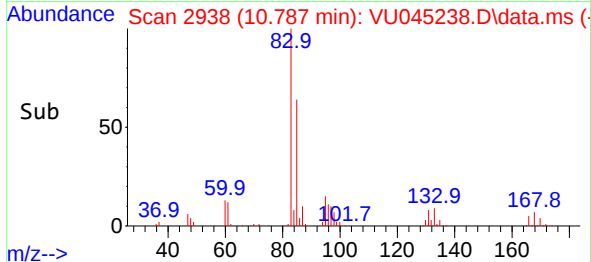
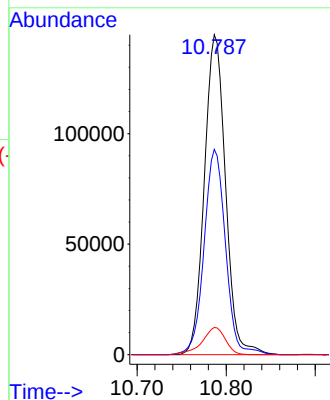
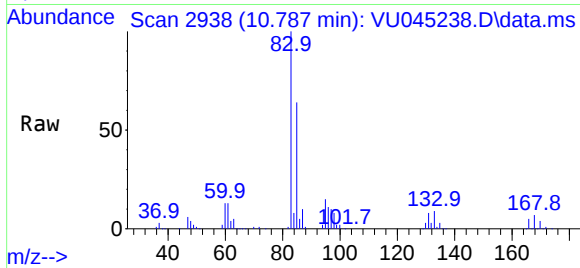


#57
1,1,2,2-Tetrachloroethane
Concen: 47.518 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. -0.000 min
Lab File: VU045238.D
Acq: 08 Oct 2021 09:47

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 83 Resp: 238947

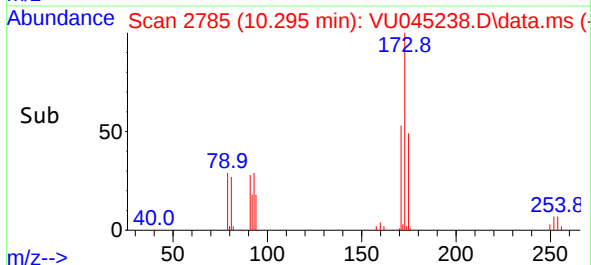
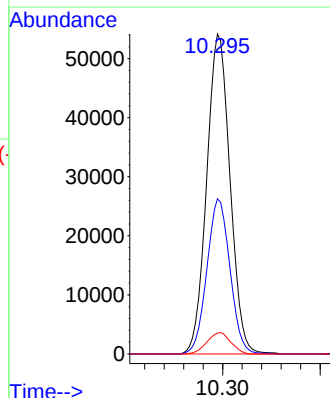
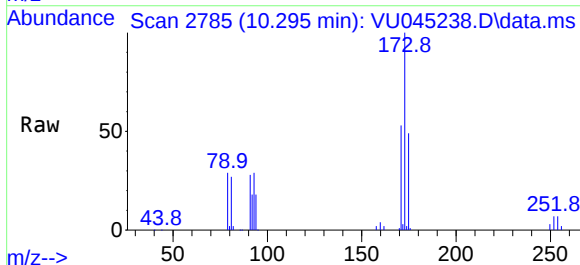
Ion	Ratio	Lower	Upper
83	100		
85	64.2	45.1	83.7
131	8.5	6.9	10.3

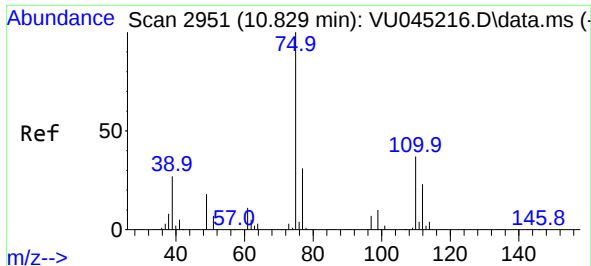


#59
Bromoform
Concen: 50.578 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. -0.000 min
Lab File: VU045238.D
Acq: 08 Oct 2021 09:47

Tgt Ion:173 Resp: 90084

Ion	Ratio	Lower	Upper
173	100		
175	47.9	38.4	57.6
254	6.8	5.3	7.9

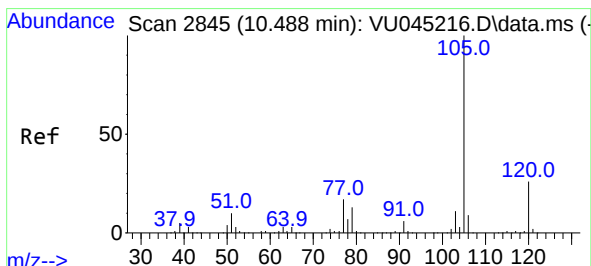
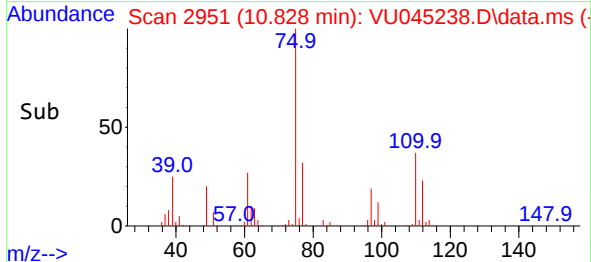
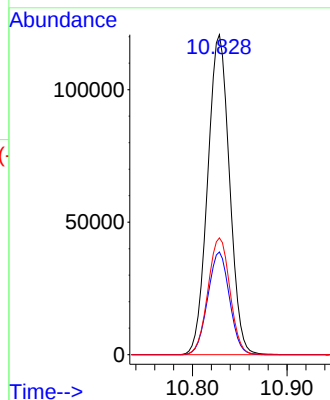
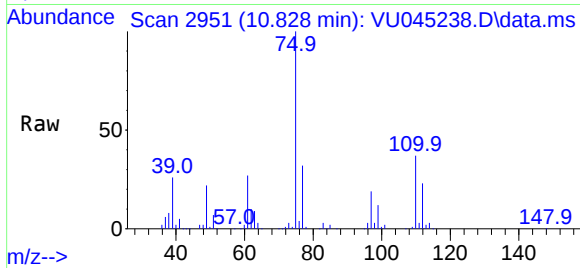




#60
1,2,3-Trichloropropane
Concen: 48.738 ug/L
RT: 10.828 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VU045238.D
Acq: 08 Oct 2021 09:47

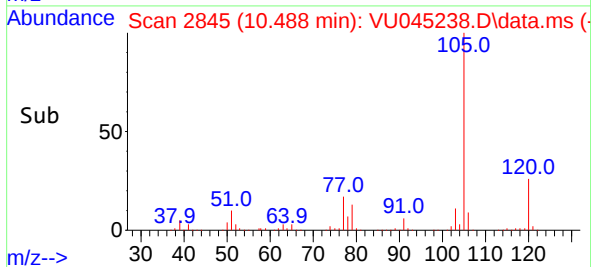
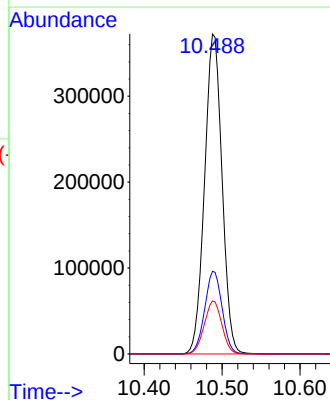
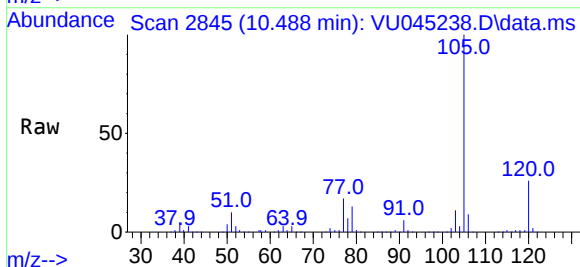
Instrument :
MSVOA_U
ClientSampled :

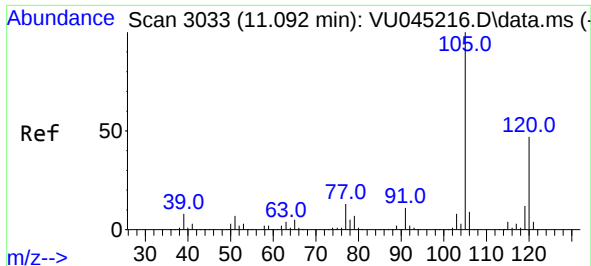
Tgt Ion: 75 Resp: 193587
Ion Ratio Lower Upper
75 100
77 32.0 25.5 38.3
110 36.7 29.0 43.4



#61
Isopropylbenzene
Concen: 55.125 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. -0.000 min
Lab File: VU045238.D
Acq: 08 Oct 2021 09:47

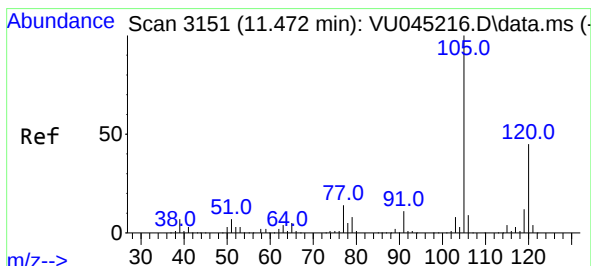
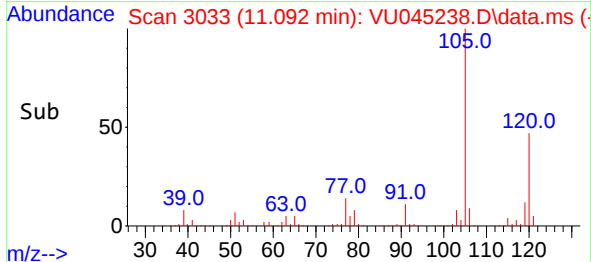
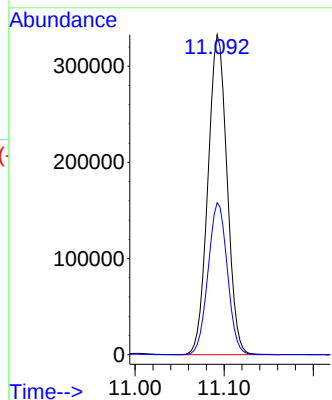
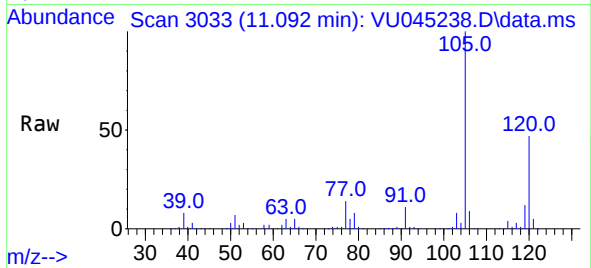
Tgt Ion: 105 Resp: 579370
Ion Ratio Lower Upper
105 100
120 25.8 20.5 30.7
77 16.7 13.5 20.3





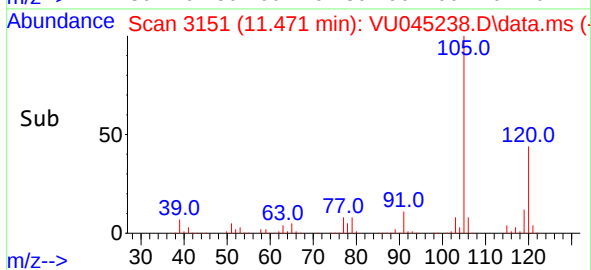
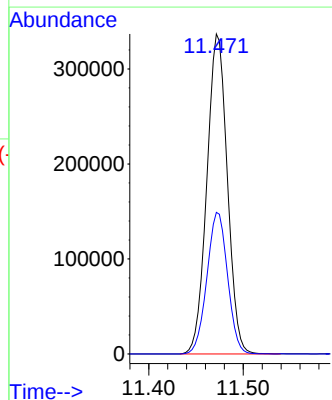
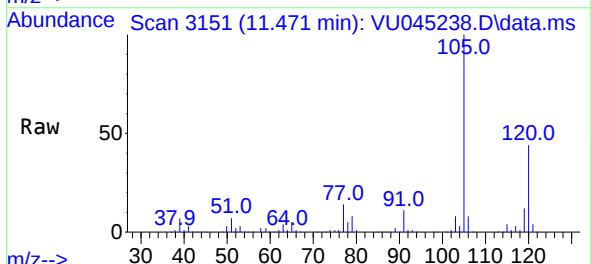
#62
1,3,5-Trimethylbenzene
Concen: 56.419 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. -0.000 min
Lab File: VU045238.D
Acq: 08 Oct 2021 09:47

Tgt Ion:105 Resp: 495209
Ion Ratio Lower Upper
105 100
120 47.9 38.8 58.2

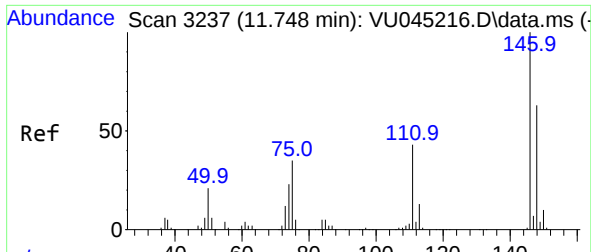


#63
1,2,4-Trimethylbenzene
Concen: 56.318 ug/L
RT: 11.471 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VU045238.D
Acq: 08 Oct 2021 09:47

Tgt Ion:105 Resp: 506200
Ion Ratio Lower Upper
105 100
120 44.6 35.7 53.5



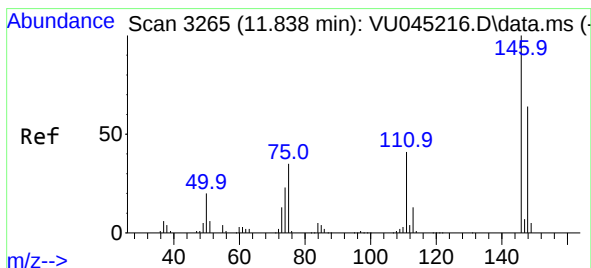
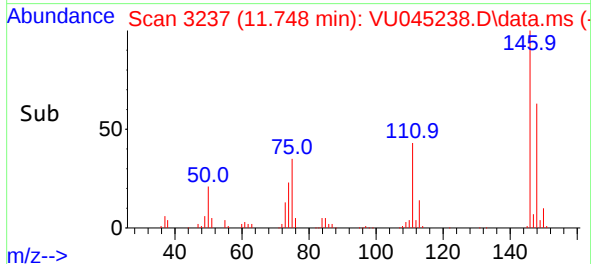
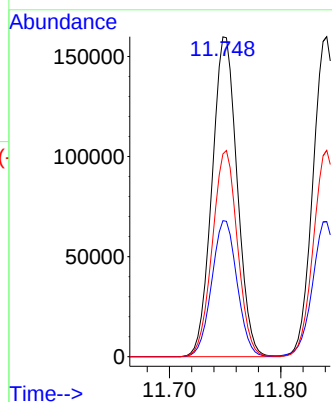
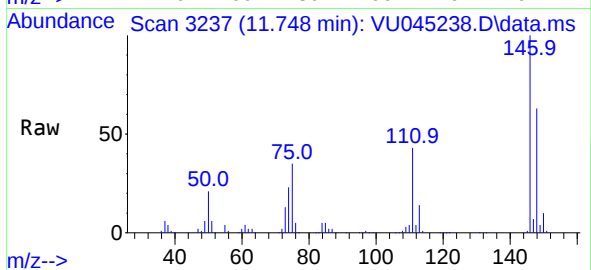
Instrument :
MSVOA_U
ClientSampled :



#64
1,3-Dichlorobenzene
Concen: 51.609 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. -0.000 min
Lab File: VU045238.D
Acq: 08 Oct 2021 09:47

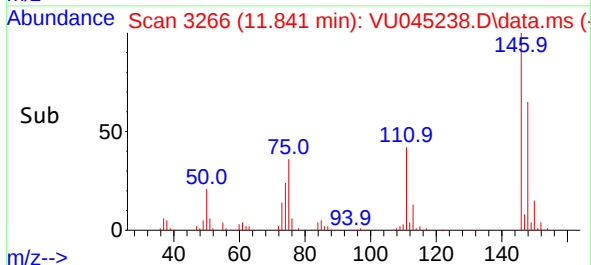
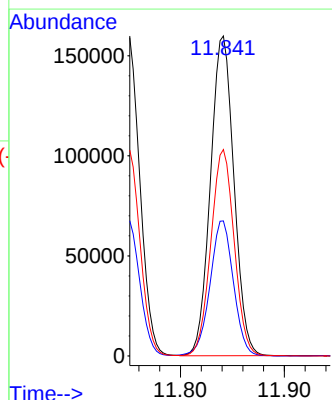
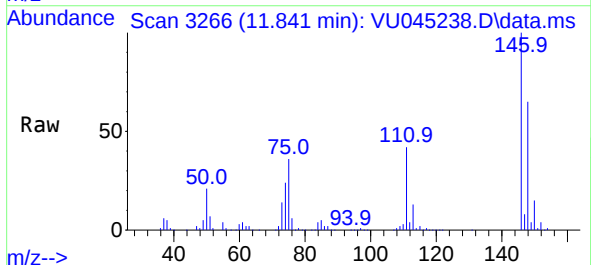
Instrument :
MSVOA_U
ClientSampleId :

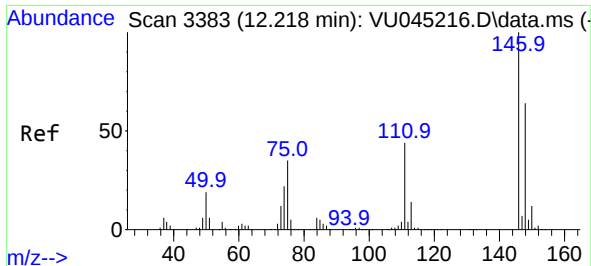
Tgt Ion:146 Resp: 250670
Ion Ratio Lower Upper
146 100
111 42.5 29.0 53.8
148 63.4 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 50.328 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.003 min
Lab File: VU045238.D
Acq: 08 Oct 2021 09:47

Tgt Ion:146 Resp: 250802
Ion Ratio Lower Upper
146 100
111 42.2 28.5 52.9
148 64.5 45.5 84.5

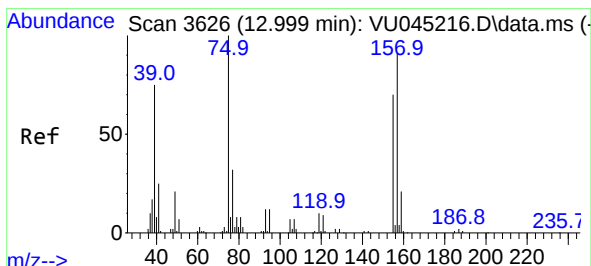
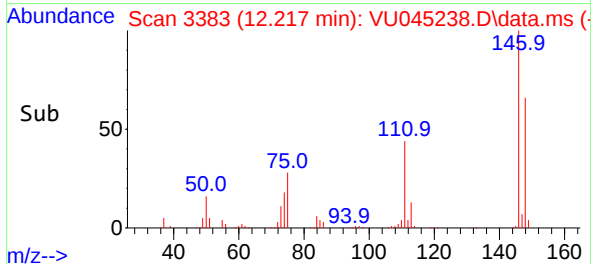
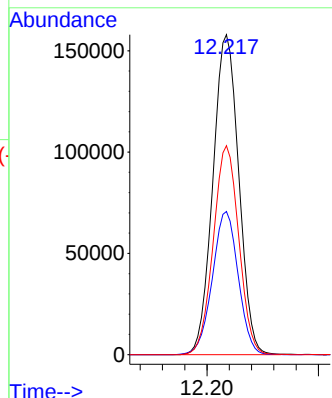
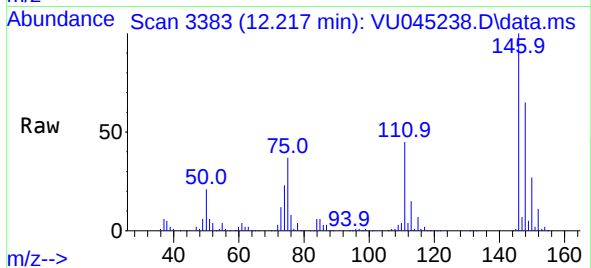




#67
1,2-Dichlorobenzene
Concen: 51.111 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. -0.000 min
Lab File: VU045238.D
Acq: 08 Oct 2021 09:47

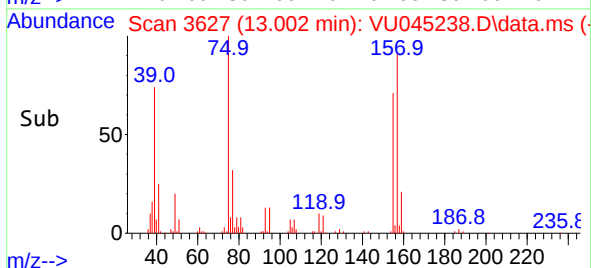
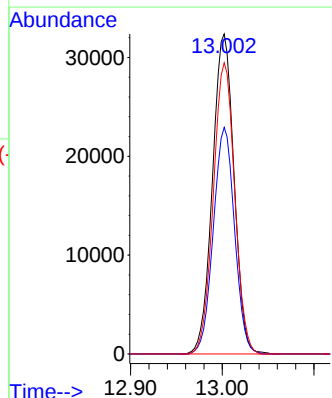
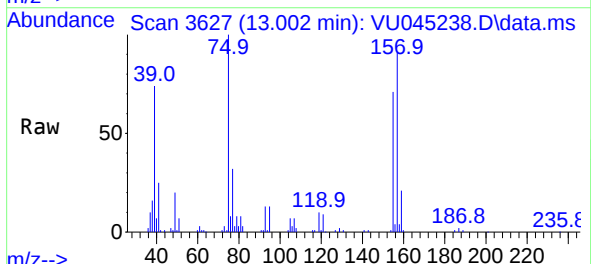
Instrument :
MSVOA_U
ClientSampleId :

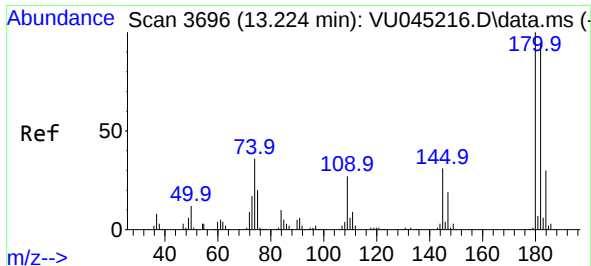
Tgt Ion:146 Resp: 254847
Ion Ratio Lower Upper
146 100
111 44.7 34.7 52.1
148 65.3 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 46.234 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. 0.003 min
Lab File: VU045238.D
Acq: 08 Oct 2021 09:47

Tgt Ion: 75 Resp: 52775
Ion Ratio Lower Upper
75 100
155 74.4 58.5 87.7
157 91.0 77.7 116.5

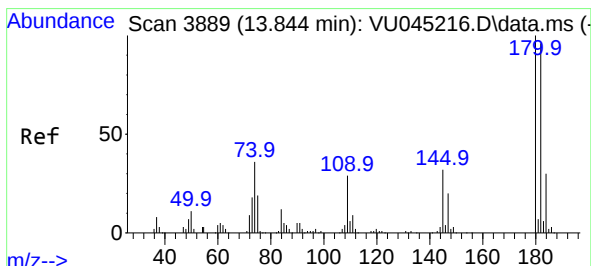
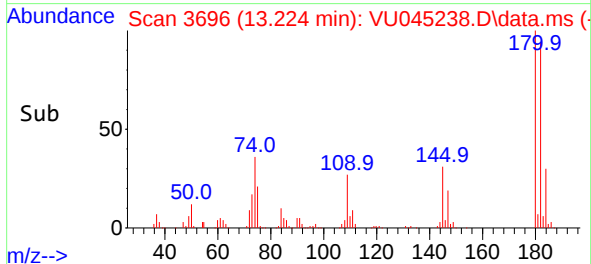
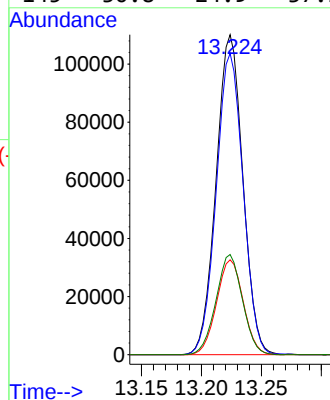
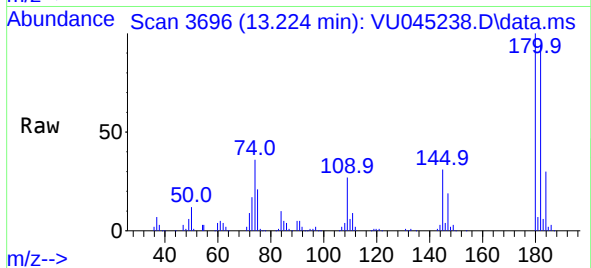




#69
1,3,5-Trichlorobenzene
Concen: 50.569 ug/L
RT: 13.224 min Scan# 3696
Delta R.T. -0.000 min
Lab File: VU045238.D
Acq: 08 Oct 2021 09:47

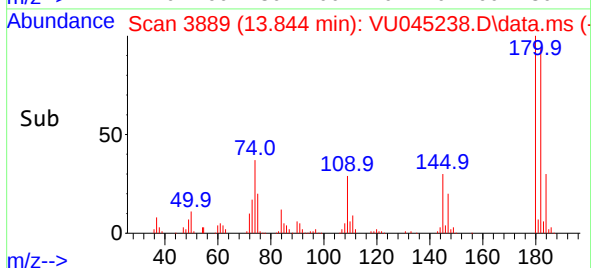
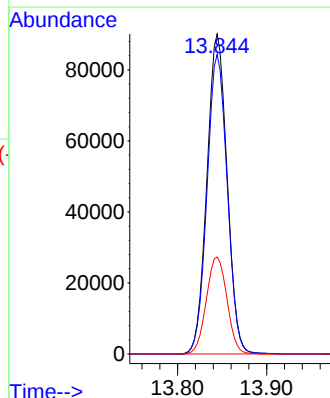
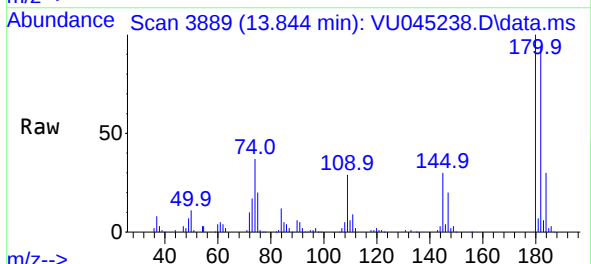
Instrument :
MSVOA_U
ClientSampleId :

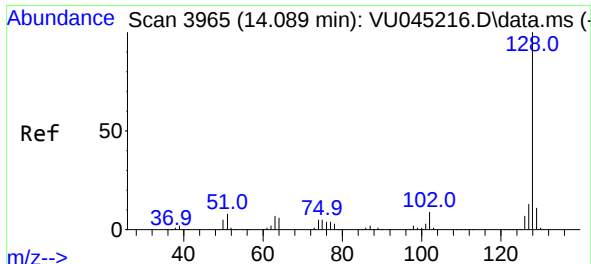
Tgt Ion:180 Resp: 170457
Ion Ratio Lower Upper
180 100
182 94.6 76.8 115.2
184 29.5 24.4 36.6
145 30.8 24.9 37.3



#70
1,2,4-trichlorobenzene
Concen: 50.562 ug/L
RT: 13.844 min Scan# 3889
Delta R.T. -0.000 min
Lab File: VU045238.D
Acq: 08 Oct 2021 09:47

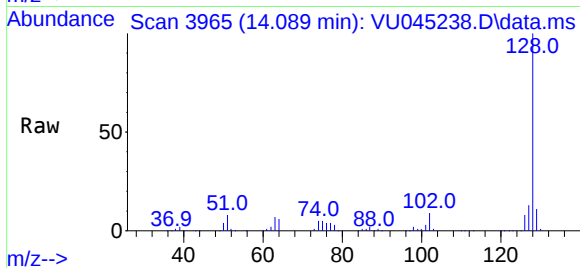
Tgt Ion:180 Resp: 141627
Ion Ratio Lower Upper
180 100
182 93.9 76.2 114.2
145 31.0 25.4 38.0



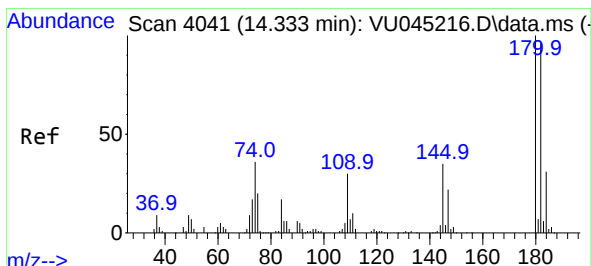
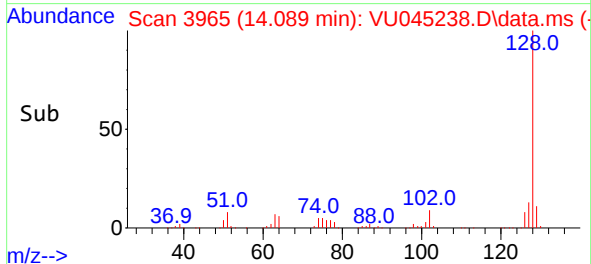
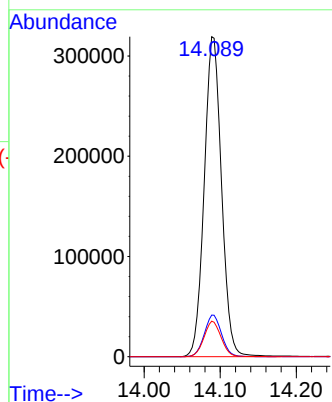


#71
Naphthalene
Concen: 51.963 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU045238.D
Acq: 08 Oct 2021 09:47

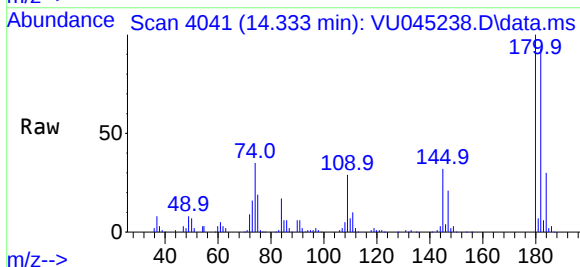
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 504379
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.0 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 50.399 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. -0.000 min
Lab File: VU045238.D
Acq: 08 Oct 2021 09:47



Tgt Ion:180 Resp: 144437
Ion Ratio Lower Upper
180 100
182 93.1 76.8 115.2
145 32.3 26.5 39.7

