

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102821\
 Data File : VU045441.D
 Acq On : 28 Oct 2021 15:45
 Operator : SY/MD
 Sample : MDL07
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL07

Quant Time: Oct 29 03:12:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 29 03:03:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	305098	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	288141	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	137242	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	115148	46.370	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	92.740%		
7) Chloroethane-d5	1.916	69	99019	49.758	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	99.520%		
11) 1,1-Dichloroethene-d2	2.572	63	157816	35.784	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.560%		
21) 2-Butanone-d5	4.626	46	213661	102.814	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	102.810%		
24) Chloroform-d	5.067	84	208397	46.778	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.560%		
26) 1,2-Dichloroethane-d4	5.703	65	147649	50.119	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.240%		
32) Benzene-d6	5.729	84	436164	48.982	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.960%		
36) 1,2-Dichloropropane-d6	6.694	67	143873	49.914	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.820%		
41) Toluene-d8	7.899	98	376113	48.418	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.840%		
43) trans-1,3-Dichloroprop...	8.182	79	67247	49.656	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	99.320%		
47) 2-Hexanone-d5	8.632	63	152302	98.988	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	98.990%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	210951	48.768	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.540%		
66) 1,2-Dichlorobenzene-d4	12.195	152	136556	49.181	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.360%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	5348	1.984	ug/L	97
3) Chloromethane	1.520	50	7156	2.198	ug/L	99
5) Vinyl chloride	1.604	62	6612	2.161	ug/L #	65
6) Bromomethane	1.858	94	3643	2.313	ug/L	91
8) Chloroethane	1.935	64	4084	2.259	ug/L	89
9) Trichlorofluoromethane	2.141	101	7262	2.005	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	5390	2.442	ug/L #	83
12) 1,1-Dichloroethene	2.581	96	5211	2.502	ug/L #	1
13) Acetone	2.636	43	7302	4.284	ug/L	95
14) Carbon disulfide	2.797	76	12725	2.137	ug/L	99
15) Methyl Acetate	2.954	43	6463	2.244	ug/L	96
16) Methylene chloride	3.051	84	5838	2.272	ug/L	90
17) trans-1,2-Dichloroethene	3.359	96	4492	2.016	ug/L	99
18) Methyl tert-butyl Ether	3.366	73	15872	2.032	ug/L #	88
19) 1,1-Dichloroethane	3.874	63	9181	2.067	ug/L	98
20) cis-1,2-Dichloroethene	4.668	96	5129	2.018	ug/L	92
22) 2-Butanone	4.713	43	9090	3.905	ug/L	100
23) Bromochloromethane	4.980	128	2449	2.002	ug/L	96
25) Chloroform	5.089	83	9776	2.200	ug/L	91

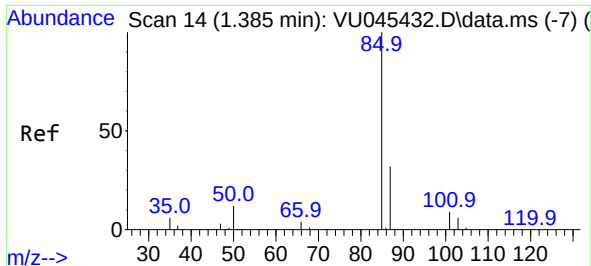
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102821\
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 Operator : SY/MD
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Quant Time: Oct 29 03:12:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 29 03:03:47 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	7965	2.191	ug/L #	93
29) Cyclohexane	5.395	56	7817	1.892	ug/L	99
30) 1,1,1-Trichloroethane	5.324	97	7384	2.018	ug/L	97
31) Carbon tetrachloride	5.533	117	5480	1.894	ug/L	98
33) Benzene	5.777	78	20953	2.096	ug/L	100
34) Trichloroethene	6.546	95	4740	1.976	ug/L	92
35) Methylcyclohexane	6.764	83	7745	1.858	ug/L	98
37) 1,2-Dichloropropane	6.793	63	5595	2.109	ug/L #	89
38) Bromodichloromethane	7.112	83	6674	2.001	ug/L	96
39) cis-1,3-Dichloropropene	7.610	75	8603	2.119	ug/L	97
40) 4-Methyl-2-pentanone	7.793	43	15843	4.046	ug/L	95
42) Toluene	7.973	91	26243	2.523	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	7703	2.013	ug/L	88
45) 1,1,2-Trichloroethane	8.401	97	5146	2.088	ug/L	94
46) Tetrachloroethene	8.555	164	3312	1.946	ug/L	94
48) 2-Hexanone	8.687	43	17663	5.415	ug/L	91
49) Dibromochloromethane	8.813	129	4529	1.907	ug/L	99
50) 1,2-Dibromoethane	8.925	107	5395	2.086	ug/L #	91
51) Chlorobenzene	9.449	112	12723	2.025	ug/L	94
52) Ethylbenzene	9.571	91	21719	1.969	ug/L	100
53) m,p-Xylene	9.697	106	8209	1.945	ug/L	99
54) o-xylene	10.102	106	8132	1.945	ug/L	99
55) Styrene	10.118	104	12421	1.768	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.787	83	9684	2.212	ug/L #	97
59) Bromoform	10.295	173	2992	1.890	ug/L #	95
60) 1,2,3-Trichloropropane	10.825	75	7623	2.255	ug/L	96
61) Isopropylbenzene	10.488	105	19117	1.884	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	15566	1.802	ug/L	97
63) 1,2,4-Trimethylbenzene	11.472	105	16446	1.873	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	9578	2.135	ug/L	93
65) 1,4-Dichlorobenzene	11.838	146	9424	2.076	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	9730	2.095	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.999	75	1843	1.868	ug/L	95
69) 1,3,5-Trichlorobenzene	13.221	180	6429	1.943	ug/L	97
70) 1,2,4-trichlorobenzene	13.845	180	6114	2.022	ug/L	93
71) Naphthalene	14.089	128	20275	1.760	ug/L	99
72) 1,2,3-Trichlorobenzene	14.333	180	6108	1.974	ug/L	98

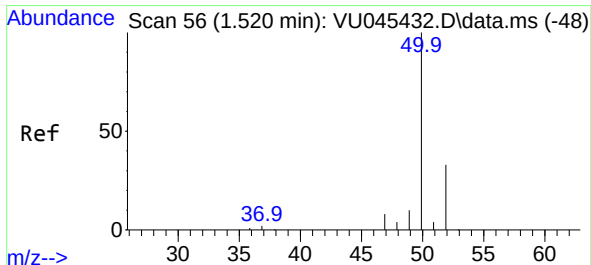
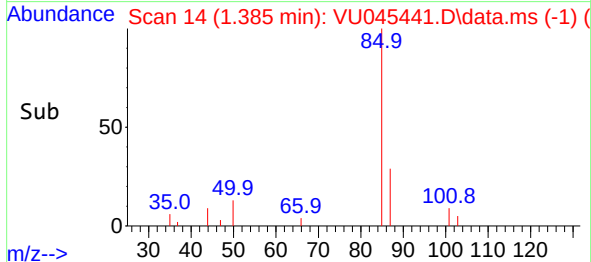
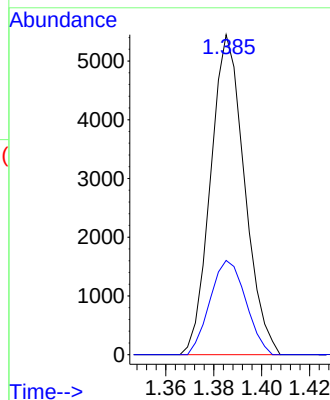
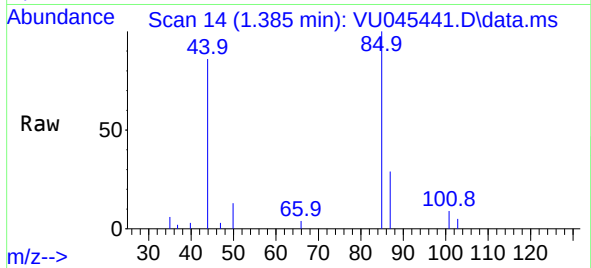
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#2
Dichlorodifluoromethane
Concen: 1.984 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045441.D
Acq: 28 Oct 2021 15:45

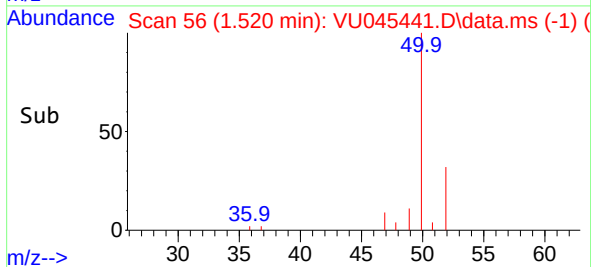
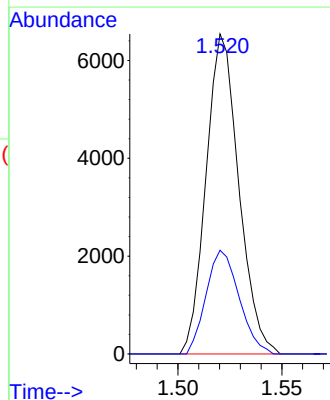
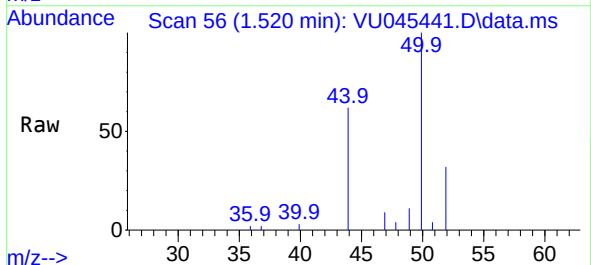
Instrument :
MSVOA_U
ClientSampleId :
MDL07

Tgt Ion: 85 Resp: 5348
Ion Ratio Lower Upper
85 100
87 31.0 26.0 39.0

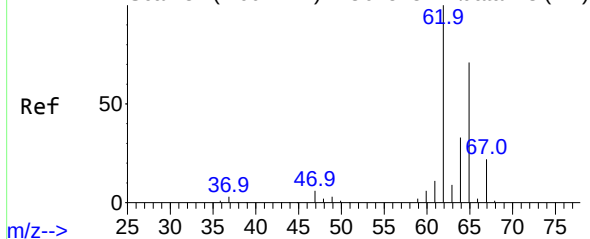


#3
Chloromethane
Concen: 2.198 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU045441.D
Acq: 28 Oct 2021 15:45

Tgt Ion: 50 Resp: 7156
Ion Ratio Lower Upper
50 100
52 32.4 23.2 43.2



Abundance Scan 82 (1.604 min): VU045432.D\data.ms (-74)



#5

Vinyl chloride

Concen: 2.161 ug/L

RT: 1.604 min Scan# 82

Delta R.T. 0.000 min

Lab File: VU045441.D

Acq: 28 Oct 2021 15:45

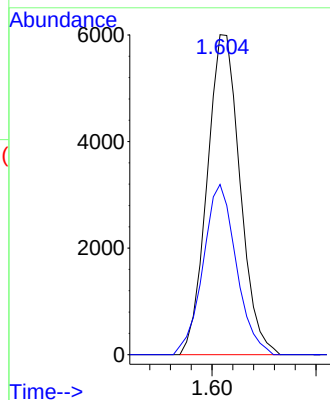
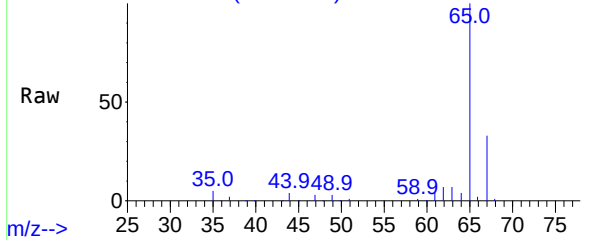
Tgt Ion: 62 Resp: 6612

Ion Ratio Lower Upper

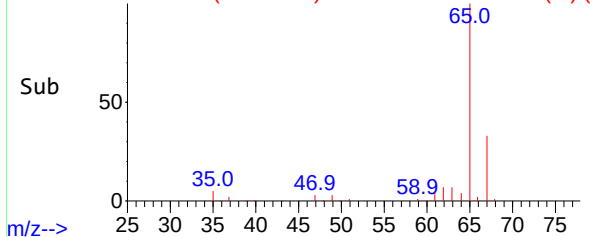
62 100

64 53.2 23.3 43.3#

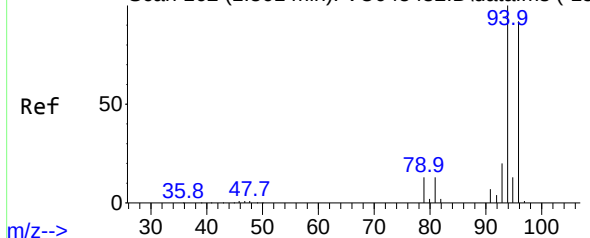
Abundance Scan 82 (1.604 min): VU045441.D\data.ms



Abundance Scan 82 (1.604 min): VU045441.D\data.ms (-1)



Abundance Scan 162 (1.861 min): VU045432.D\data.ms (-15)



#6

Bromomethane

Concen: 2.313 ug/L

RT: 1.858 min Scan# 161

Delta R.T. -0.003 min

Lab File: VU045441.D

Acq: 28 Oct 2021 15:45

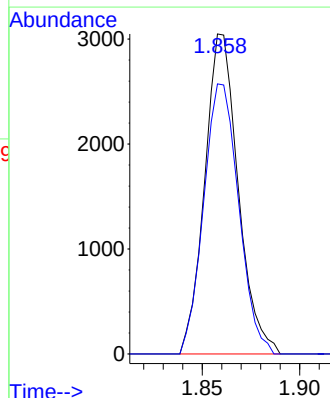
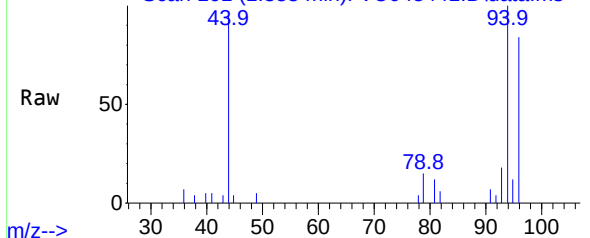
Tgt Ion: 94 Resp: 3643

Ion Ratio Lower Upper

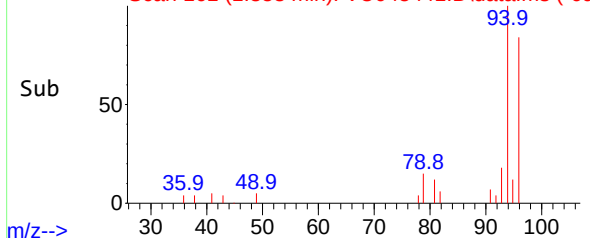
94 100

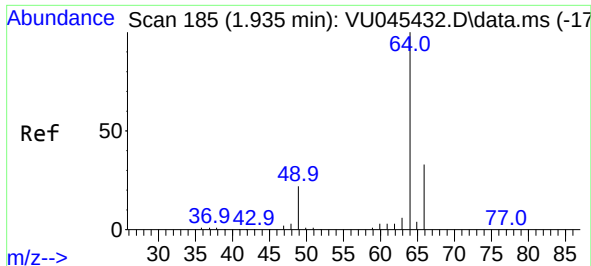
96 84.4 64.9 120.5

Abundance Scan 161 (1.858 min): VU045441.D\data.ms



Abundance Scan 161 (1.858 min): VU045441.D\data.ms (-69)

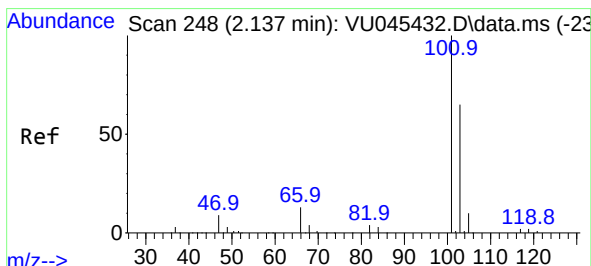
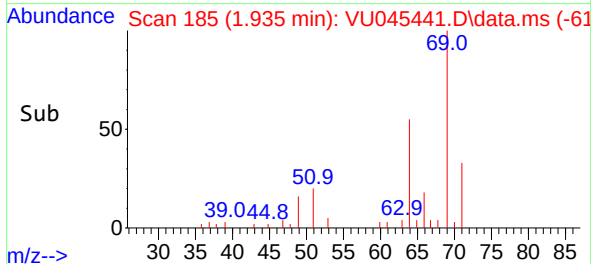
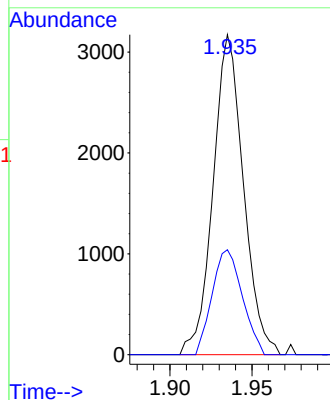
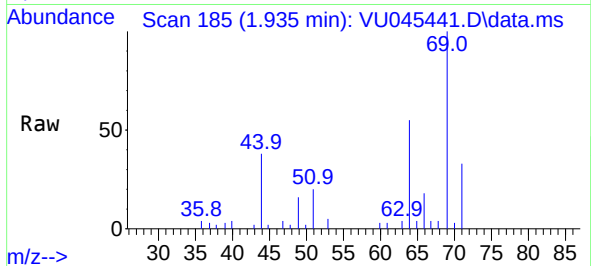




#8
Chloroethane
Concen: 2.259 ug/L
RT: 1.935 min Scan# 185
Delta R.T. 0.000 min
Lab File: VU045441.D
Acq: 28 Oct 2021 15:45

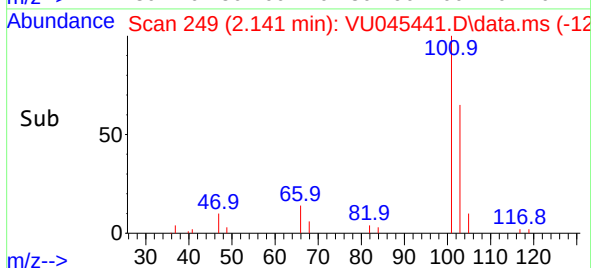
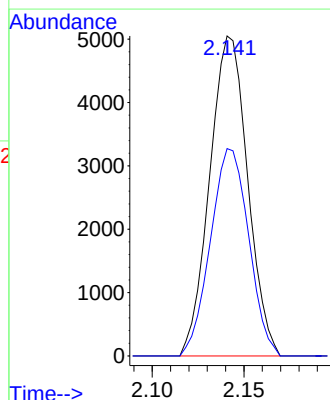
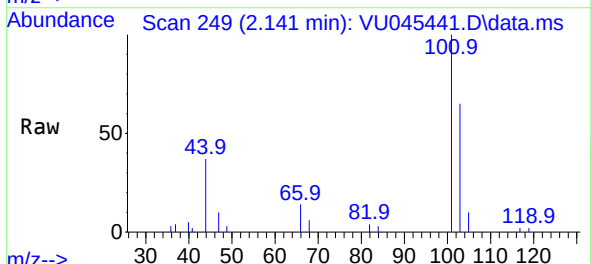
Instrument :
MSVOA_U
ClientSampleId :
MDL07

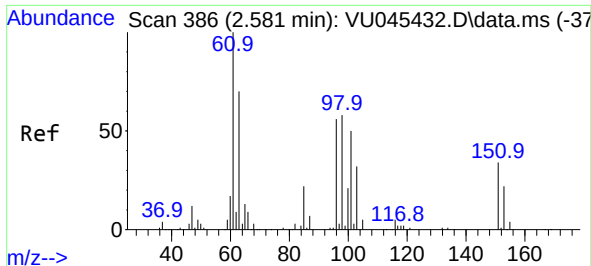
Tgt Ion: 64 Resp: 4084
Ion Ratio Lower Upper
64 100
66 39.4 23.2 43.2



#9
Trichlorofluoromethane
Concen: 2.005 ug/L
RT: 2.141 min Scan# 249
Delta R.T. 0.003 min
Lab File: VU045441.D
Acq: 28 Oct 2021 15:45

Tgt Ion:101 Resp: 7262
Ion Ratio Lower Upper
101 100
103 65.3 51.4 77.2

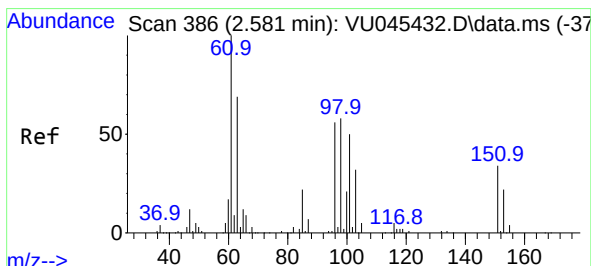
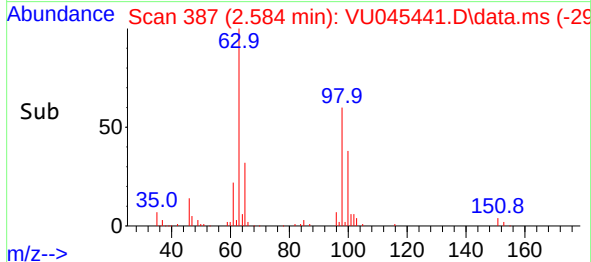
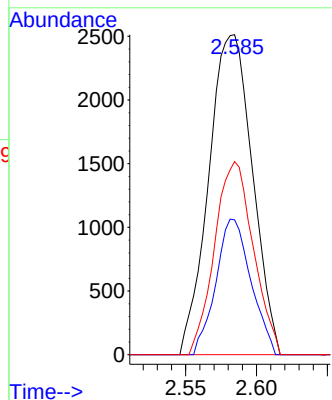
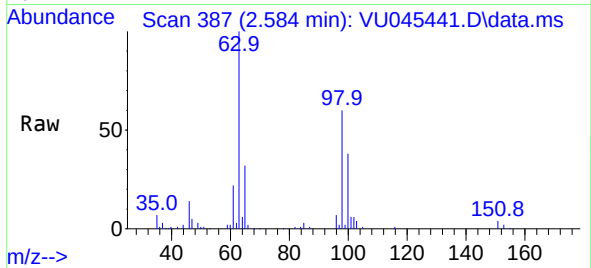




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.442 ug/L
RT: 2.584 min Scan# 387
Delta R.T. 0.003 min
Lab File: VU045441.D
Acq: 28 Oct 2021 15:45

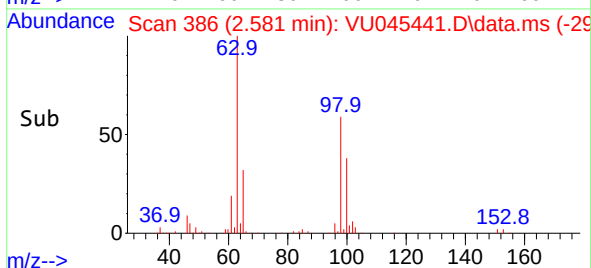
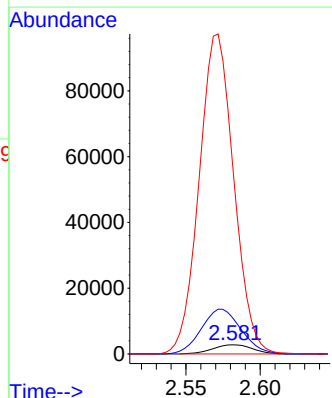
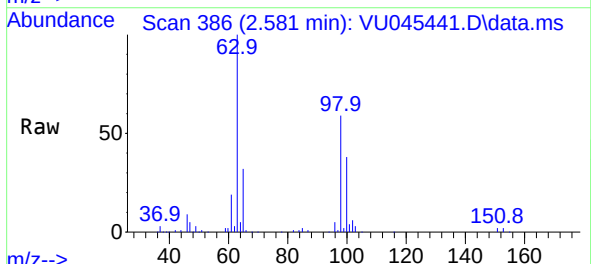
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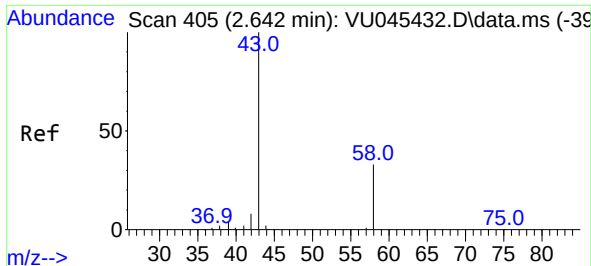
Tgt Ion:101 Resp: 5390
Ion Ratio Lower Upper
101 100
85 34.0 34.8 52.2#
151 53.4 54.6 81.8#



#12
1,1-Dichloroethene
Concen: 2.502 ug/L
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU045441.D
Acq: 28 Oct 2021 15:45

Tgt Ion: 96 Resp: 5211
Ion Ratio Lower Upper
96 100
61 400.1 126.3 234.5#
63 2108.9 89.2 165.8#

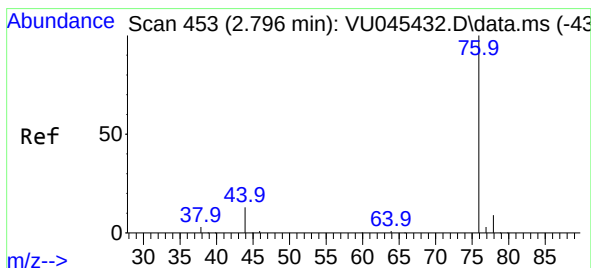
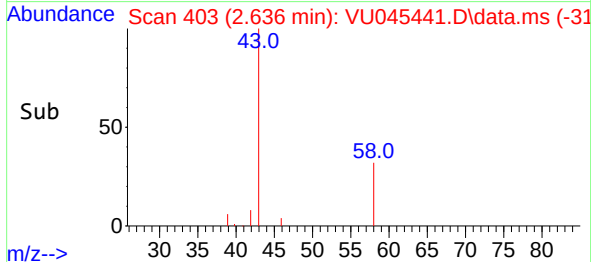
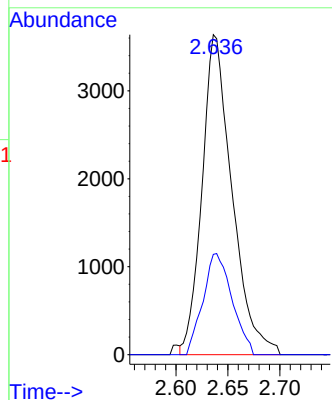
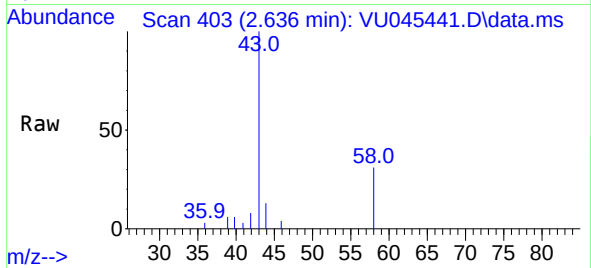




#13
Acetone
Concen: 4.284 ug/L
RT: 2.636 min Scan# 403
Delta R.T. -0.006 min
Lab File: VU045441.D
Acq: 28 Oct 2021 15:45

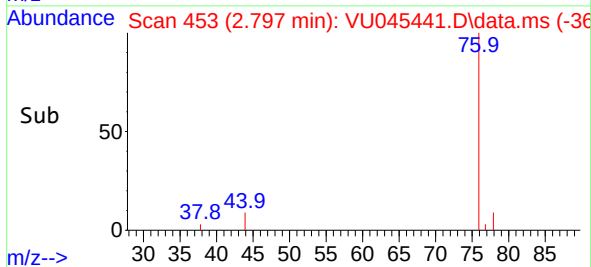
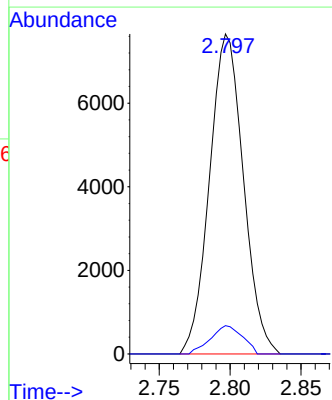
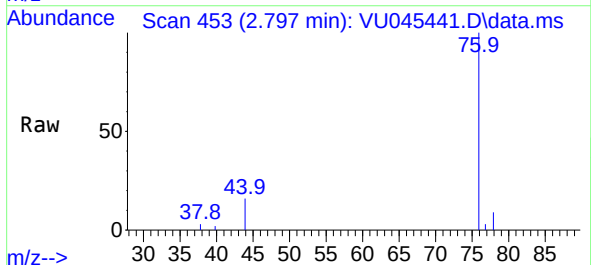
Instrument :
MSVOA_U
ClientSampleId :
MDL07

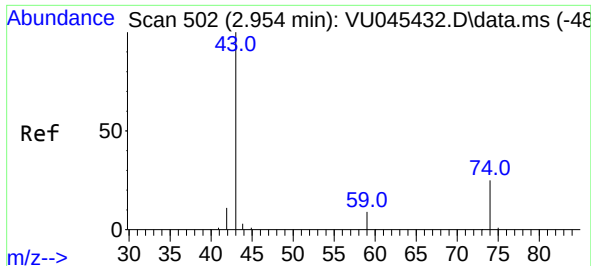
Tgt Ion: 43 Resp: 7302
Ion Ratio Lower Upper
43 100
58 30.5 0.0 66.2



#14
Carbon disulfide
Concen: 2.137 ug/L
RT: 2.797 min Scan# 453
Delta R.T. 0.000 min
Lab File: VU045441.D
Acq: 28 Oct 2021 15:45

Tgt Ion: 76 Resp: 12725
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9

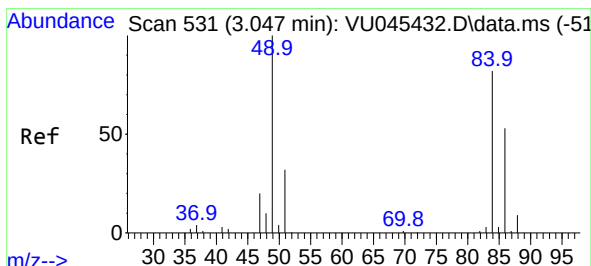
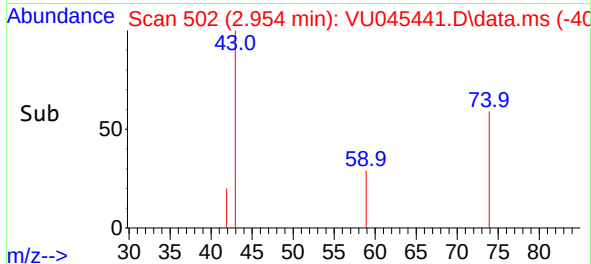
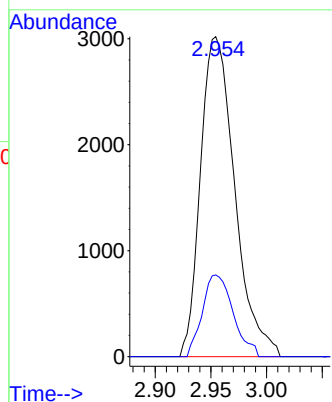
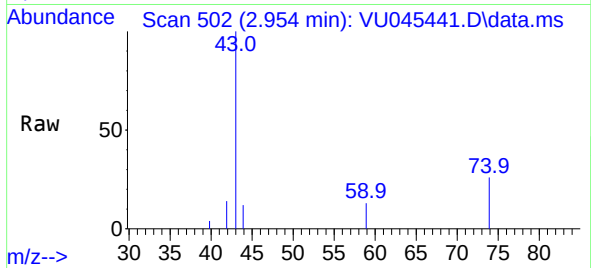




#15
Methyl Acetate
Concen: 2.244 ug/L
RT: 2.954 min Scan# 502
Delta R.T. 0.000 min
Lab File: VU045441.D
Acq: 28 Oct 2021 15:45

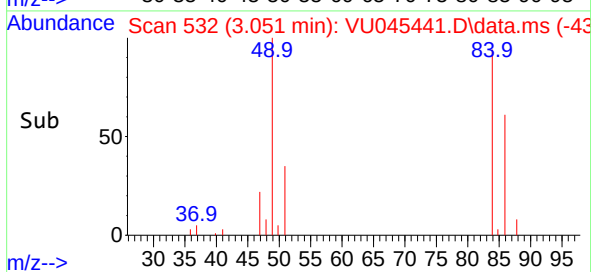
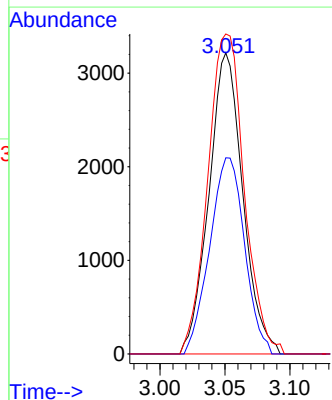
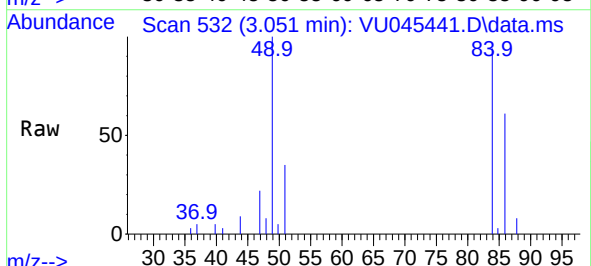
Instrument :
MSVOA_U
ClientSampleId :
MDL07

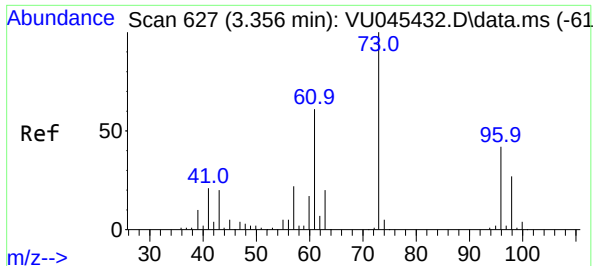
Tgt Ion: 43 Resp: 6463
Ion Ratio Lower Upper
43 100
74 22.9 20.0 30.0



#16
Methylene chloride
Concen: 2.272 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.003 min
Lab File: VU045441.D
Acq: 28 Oct 2021 15:45

Tgt Ion: 84 Resp: 5838
Ion Ratio Lower Upper
84 100
86 65.1 45.8 85.2
49 106.3 85.9 159.5

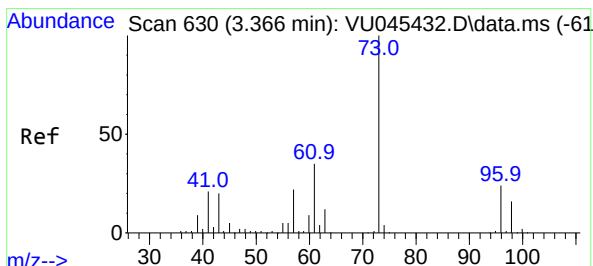
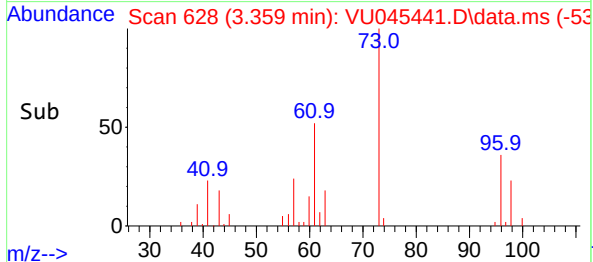
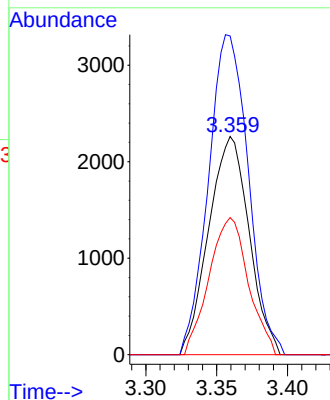
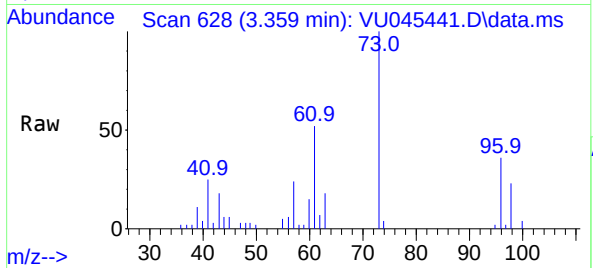




#17
trans-1,2-Dichloroethene
Concen: 2.016 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.003 min
Lab File: VU045441.D
Acq: 28 Oct 2021 15:45

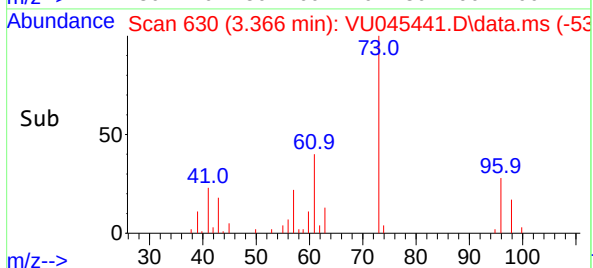
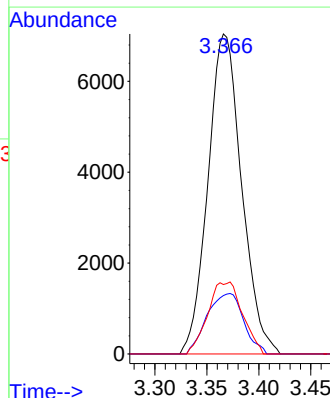
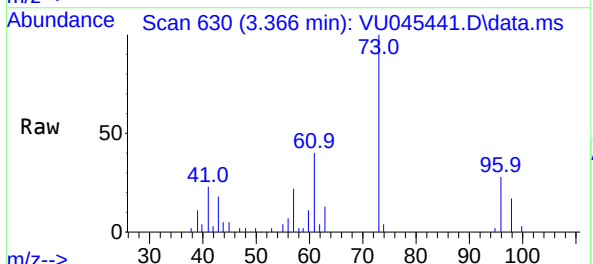
Instrument :
MSVOA_U
ClientSampleId :
MDL07

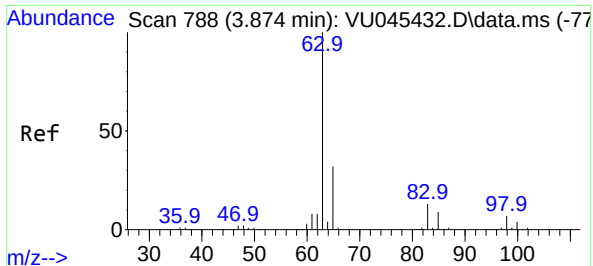
Tgt Ion: 96 Resp: 4492
Ion Ratio Lower Upper
96 100
61 146.1 101.8 189.2
98 62.9 45.1 83.7



#18
Methyl tert-butyl Ether
Concen: 2.032 ug/L
RT: 3.366 min Scan# 630
Delta R.T. 0.000 min
Lab File: VU045441.D
Acq: 28 Oct 2021 15:45

Tgt Ion: 73 Resp: 15872
Ion Ratio Lower Upper
73 100
43 20.5 16.2 24.4
57 11.4 18.1 27.1#

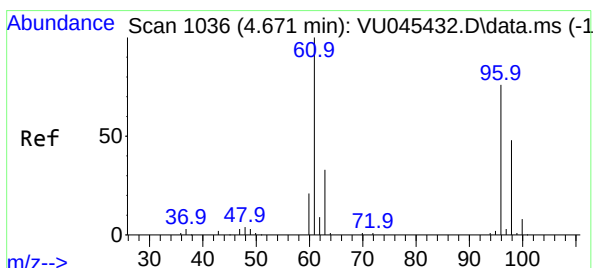
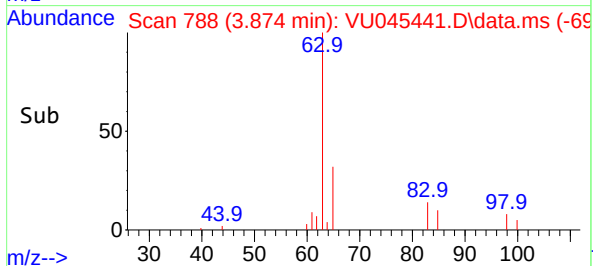
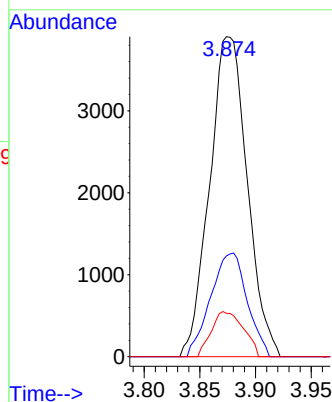
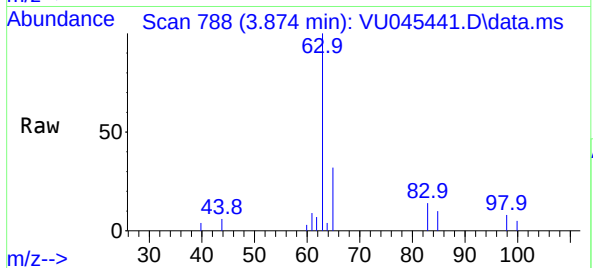




#19
1,1-Dichloroethane
Concen: 2.067 ug/L
RT: 3.874 min Scan# 788
Delta R.T. 0.000 min
Lab File: VU045441.D
Acq: 28 Oct 2021 15:45

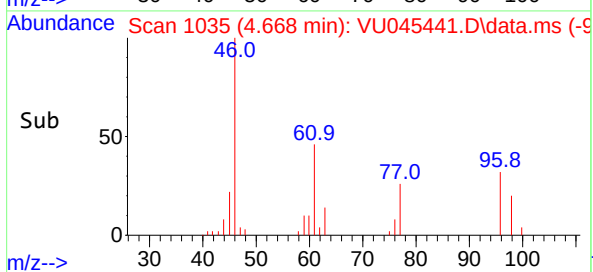
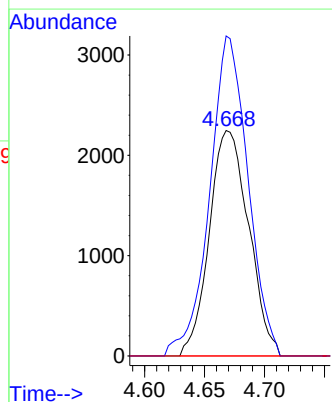
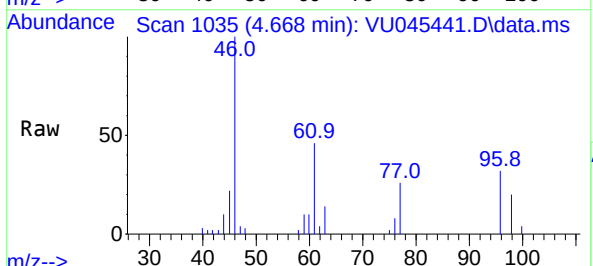
Instrument :
MSVOA_U
ClientSampleId :
MDL07

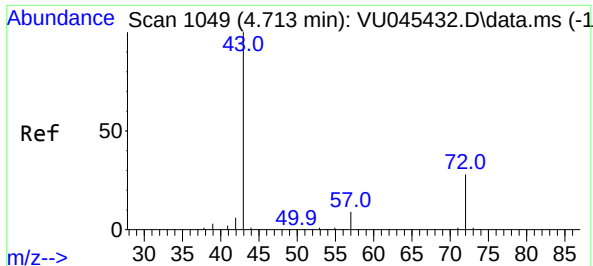
Tgt Ion:	63	Resp:	9181
Ion	Ratio	Lower	Upper
63	100		
65	30.4	22.4	41.6
83	13.1	9.0	16.6



#20
cis-1,2-Dichloroethene
Concen: 2.018 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. -0.003 min
Lab File: VU045441.D
Acq: 28 Oct 2021 15:45

Tgt Ion:	96	Resp:	5129
Ion	Ratio	Lower	Upper
96	100		
61	141.9	92.8	172.4
68	0.0	0.0	0.0





#22

2-Butanone

Concen: 3.905 ug/L

RT: 4.713 min Scan# 1049

Delta R.T. 0.000 min

Lab File: VU045441.D

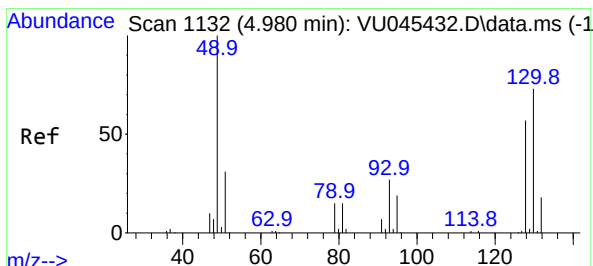
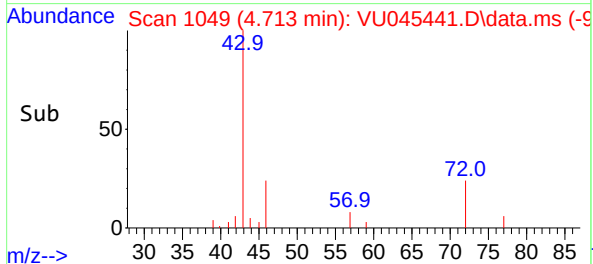
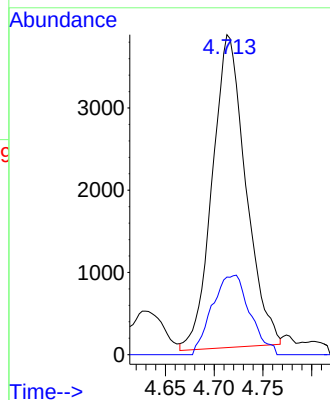
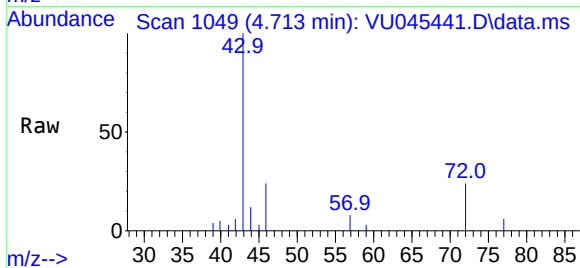
Acq: 28 Oct 2021 15:45

Tgt Ion: 43 Resp: 9090

Ion Ratio Lower Upper

43 100

72 28.6 14.4 43.2



#23

Bromochloromethane

Concen: 2.002 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VU045441.D

Acq: 28 Oct 2021 15:45

Tgt Ion: 128 Resp: 2449

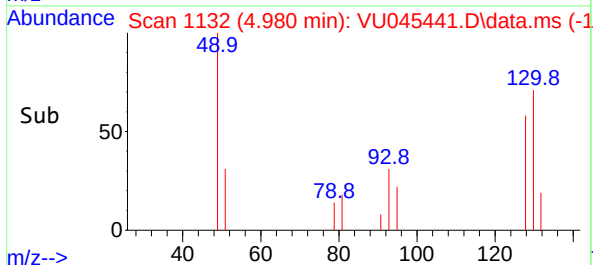
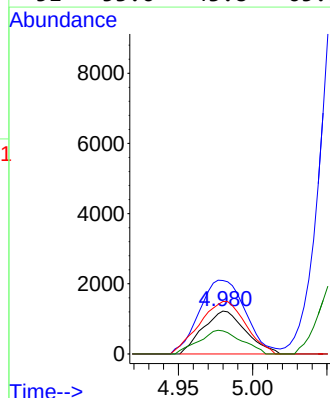
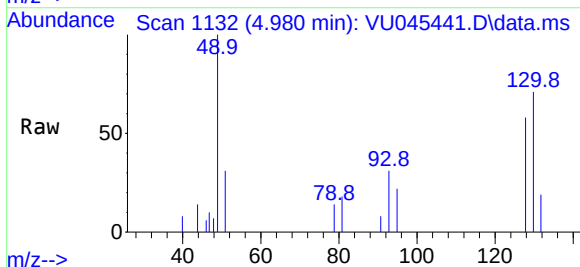
Ion Ratio Lower Upper

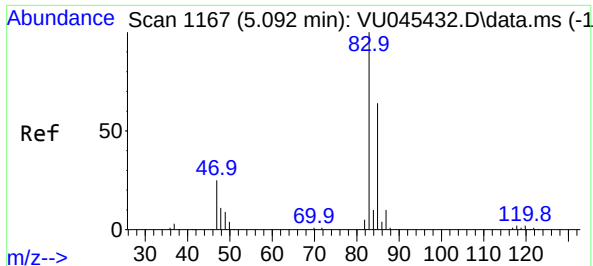
128 100

49 171.4 123.1 228.5

130 122.3 89.8 166.8

51 53.6 43.8 65.8



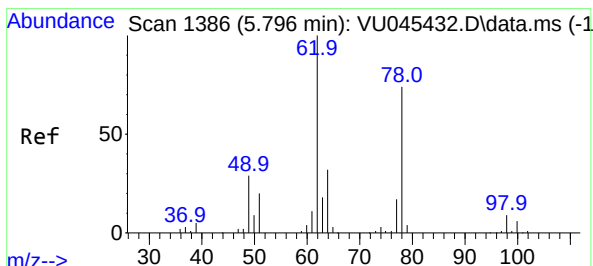
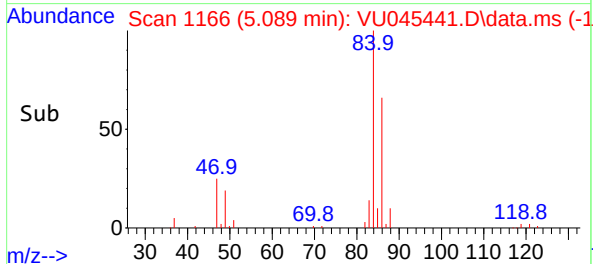
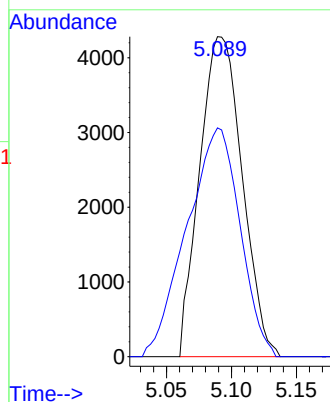
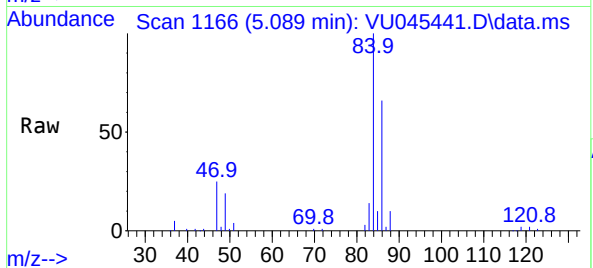


#25

Chloroform
Concen: 2.200 ug/L
RT: 5.089 min Scan# 1166
Delta R.T. -0.003 min
Lab File: VU045441.D
Acq: 28 Oct 2021 15:45

Instrument :
MSVOA_U
ClientSampleId :
MDL07

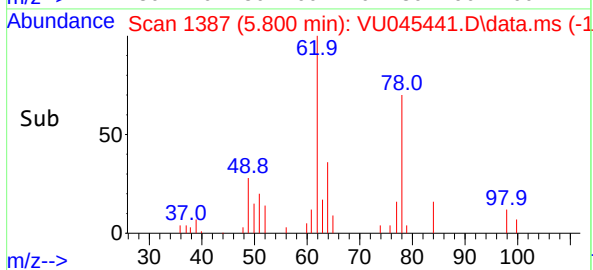
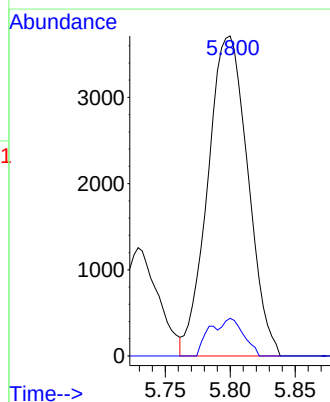
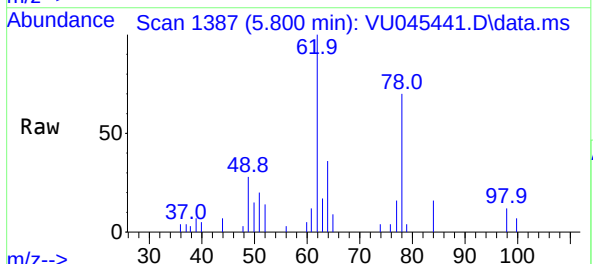
Tgt Ion: 83 Resp: 9776
Ion Ratio Lower Upper
83 100
85 71.5 45.0 83.6

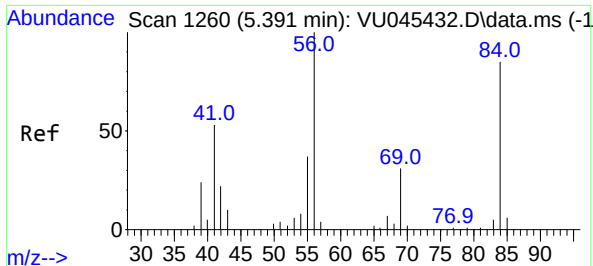


#27

1,2-Dichloroethane
Concen: 2.191 ug/L
RT: 5.800 min Scan# 1387
Delta R.T. 0.003 min
Lab File: VU045441.D
Acq: 28 Oct 2021 15:45

Tgt Ion: 62 Resp: 7965
Ion Ratio Lower Upper
62 100
98 11.8 7.4 11.0#





#29

Cyclohexane

Concen: 1.892 ug/L

RT: 5.395 min Scan# 1261

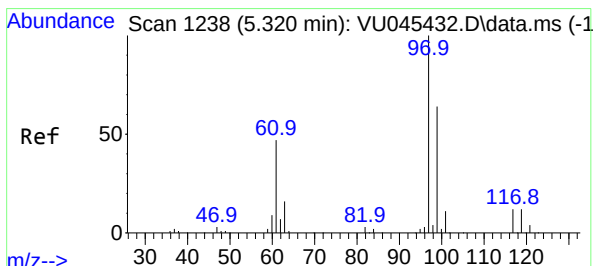
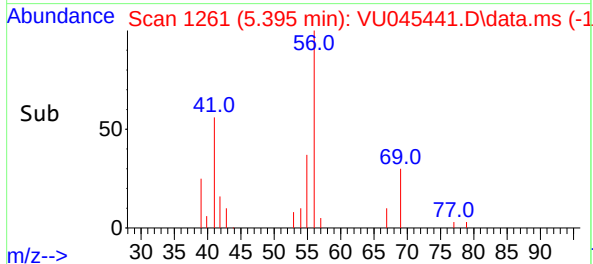
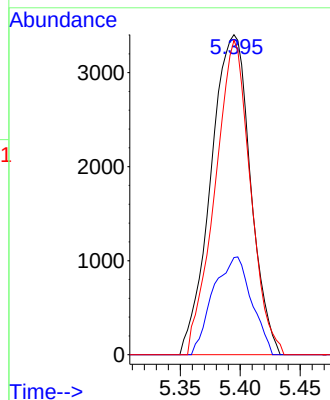
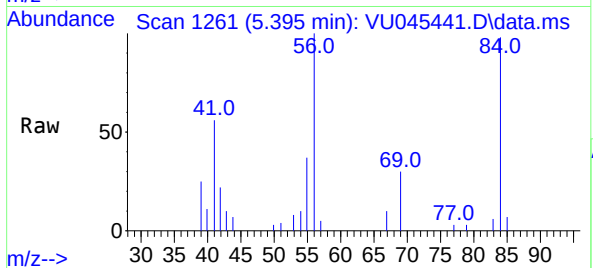
Delta R.T. 0.003 min

Lab File: VU045441.D

Acq: 28 Oct 2021 15:45

Tgt Ion:	56	Resp:	7817
Ion	Ratio	Lower	Upper
56	100		
69	29.6	25.0	37.4
84	87.7	69.9	104.9

Instrument :
MSVOA_U
ClientSampleId :
MDL07



#30

1,1,1-Trichloroethane

Concen: 2.018 ug/L

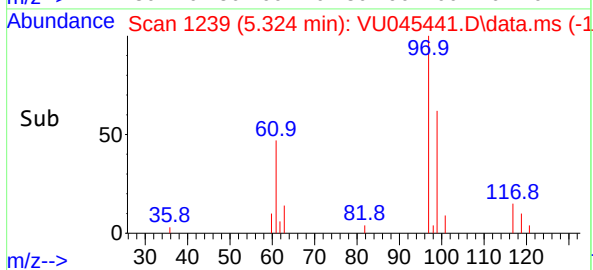
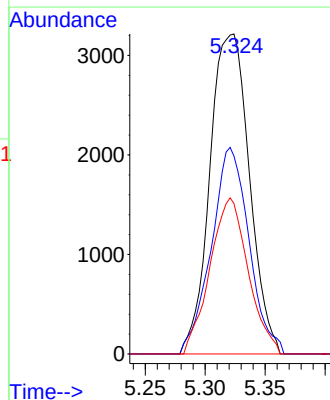
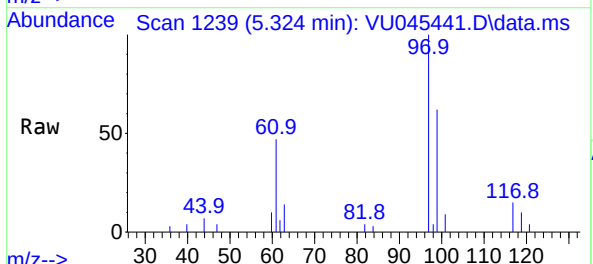
RT: 5.324 min Scan# 1239

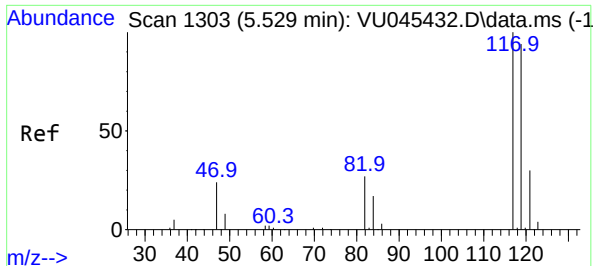
Delta R.T. 0.003 min

Lab File: VU045441.D

Acq: 28 Oct 2021 15:45

Tgt Ion:	97	Resp:	7384
Ion	Ratio	Lower	Upper
97	100		
99	61.6	51.3	76.9
61	47.1	38.8	58.2

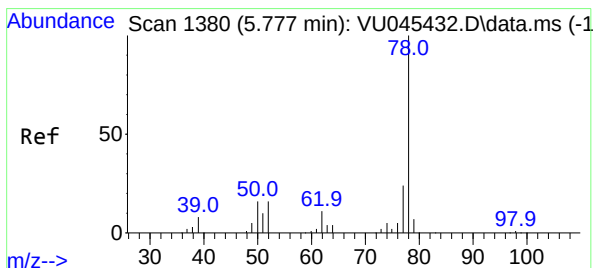
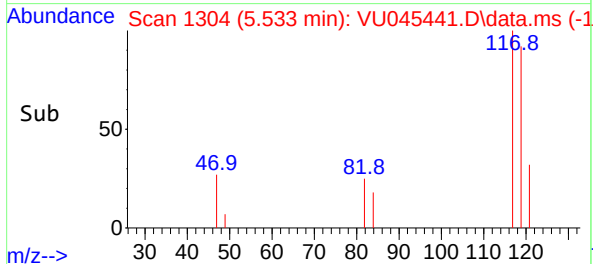
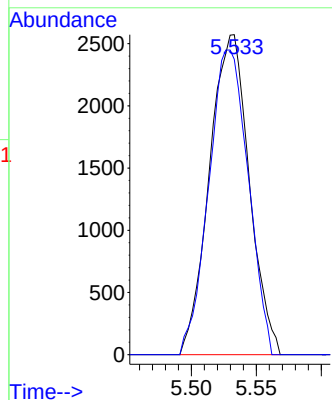
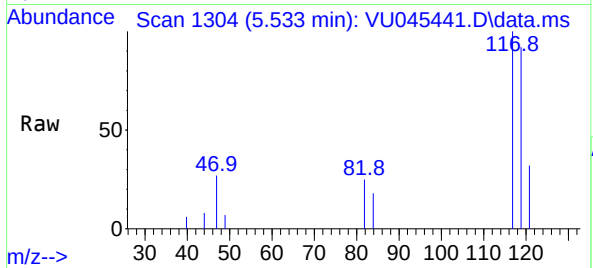




#31
Carbon tetrachloride
Concen: 1.894 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.003 min
Lab File: VU045441.D
Acq: 28 Oct 2021 15:45

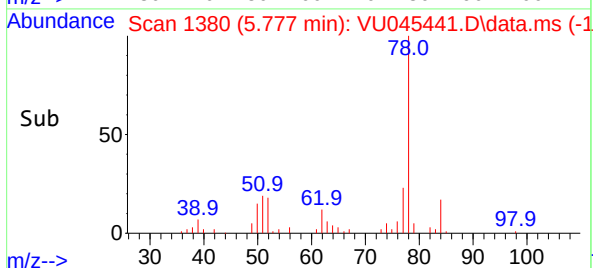
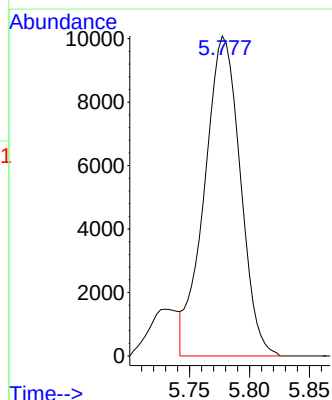
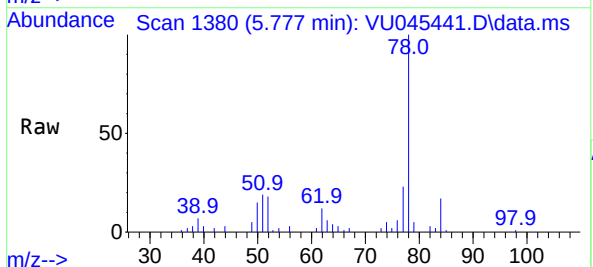
Instrument :
MSVOA_U
ClientSampleId :
MDL07

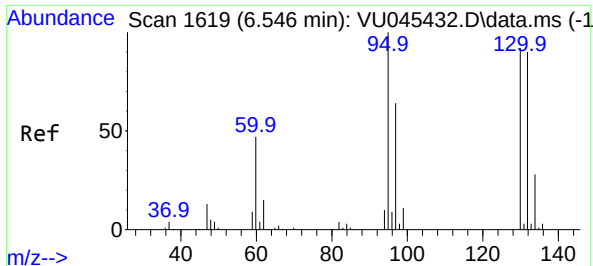
Tgt Ion:117 Resp: 5480
Ion Ratio Lower Upper
117 100
119 94.4 77.0 115.4



#33
Benzene
Concen: 2.096 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU045441.D
Acq: 28 Oct 2021 15:45

Tgt Ion: 78 Resp: 20953



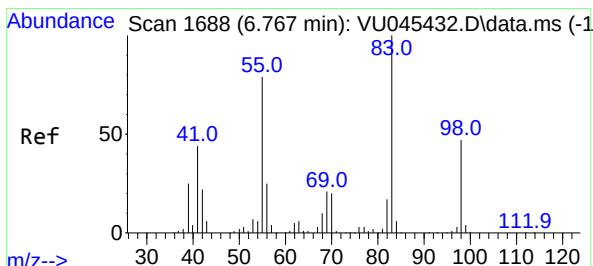
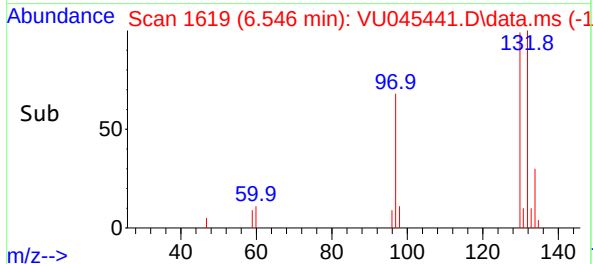
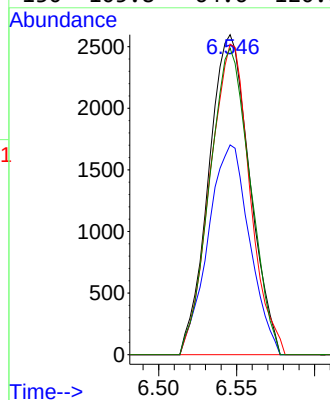
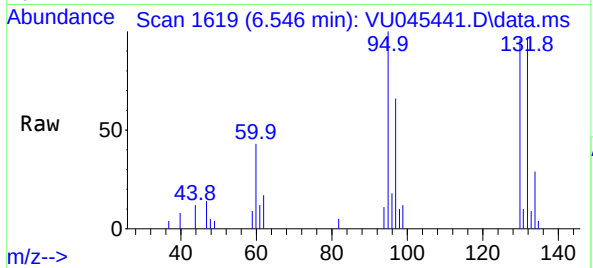


#34
Trichloroethene
Concen: 1.976 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045441.D
Acq: 28 Oct 2021 15:45

Instrument :
MSVOA_U
ClientSampleId :
MDL07

Tgt Ion: 95 Resp: 4740

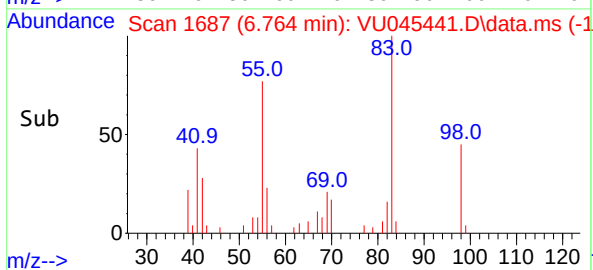
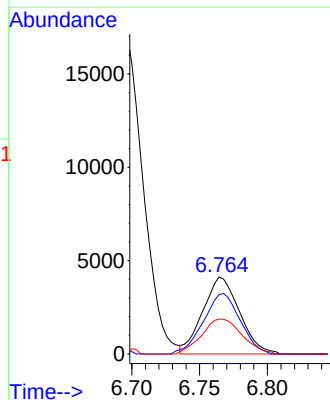
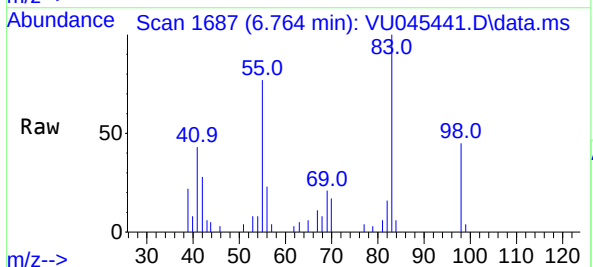
Ion	Ratio	Lower	Upper
95	100		
97	65.6	45.0	83.6
132	97.1	63.3	117.7
130	105.8	64.6	120.0

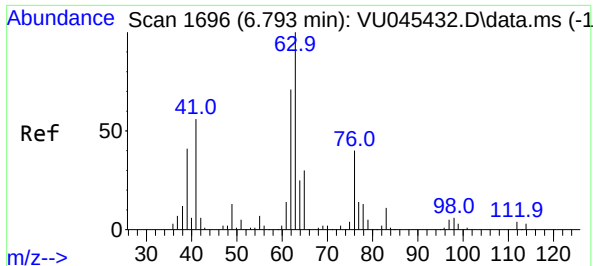


#35
Methylcyclohexane
Concen: 1.858 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.003 min
Lab File: VU045441.D
Acq: 28 Oct 2021 15:45

Tgt Ion: 83 Resp: 7745

Ion	Ratio	Lower	Upper
83	100		
55	78.7	62.8	94.2
98	49.9	37.4	56.2



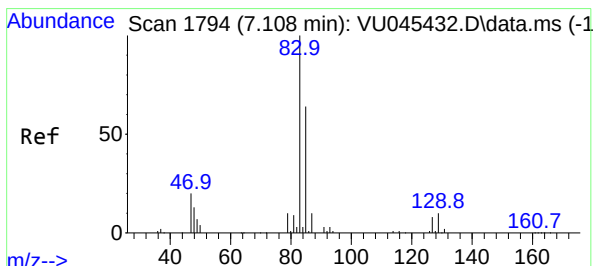
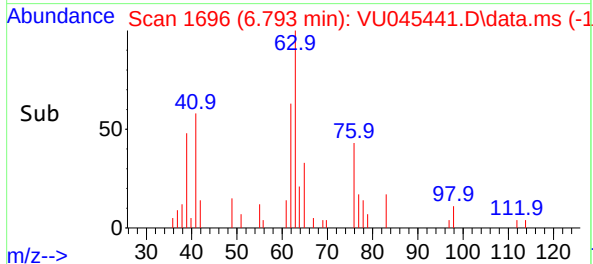
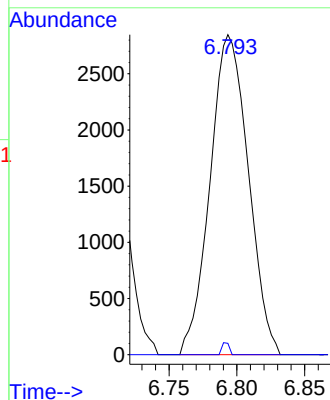
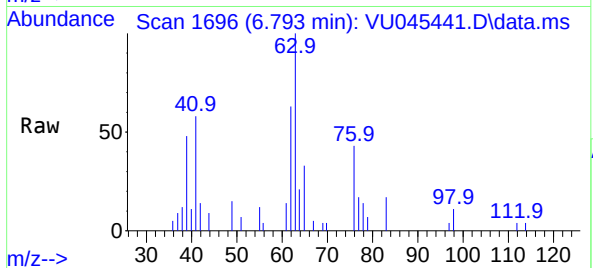


#37

1,2-Dichloropropane
Concen: 2.109 ug/L
RT: 6.793 min Scan# 1696
Delta R.T. 0.000 min
Lab File: VU045441.D
Acq: 28 Oct 2021 15:45

Instrument :
MSVOA_U
ClientSampleId :
MDL07

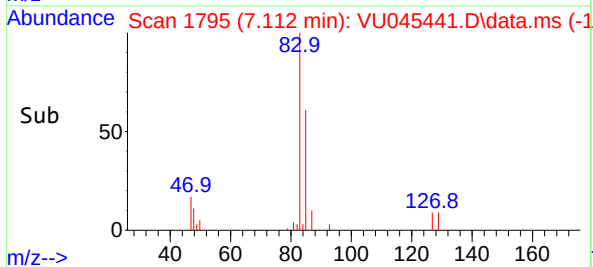
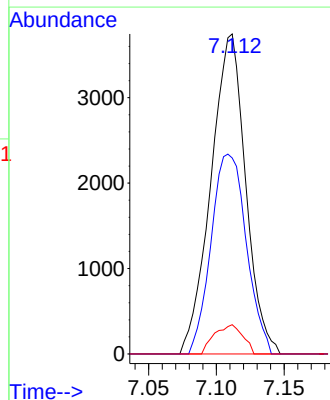
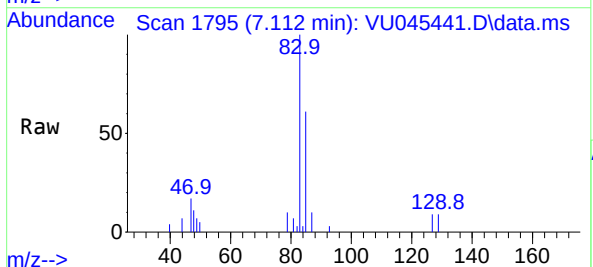
Tgt Ion: 63 Resp: 5595
Ion Ratio Lower Upper
63 100
112 0.7 3.4 5.2#

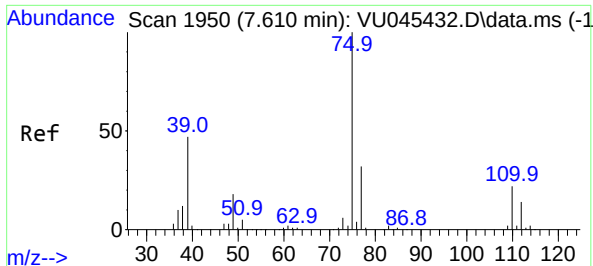


#38

Bromodichloromethane
Concen: 2.001 ug/L
RT: 7.112 min Scan# 1795
Delta R.T. 0.003 min
Lab File: VU045441.D
Acq: 28 Oct 2021 15:45

Tgt Ion: 83 Resp: 6674
Ion Ratio Lower Upper
83 100
85 61.3 45.1 83.9
127 9.2 6.2 9.2

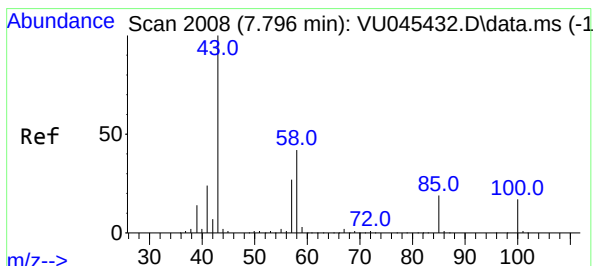
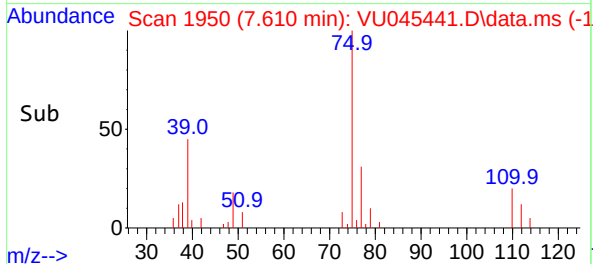
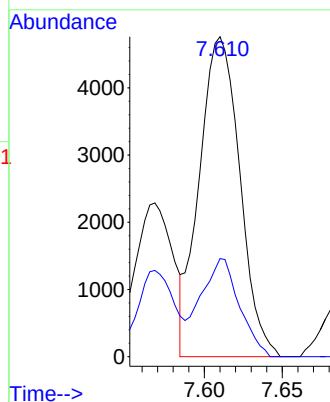
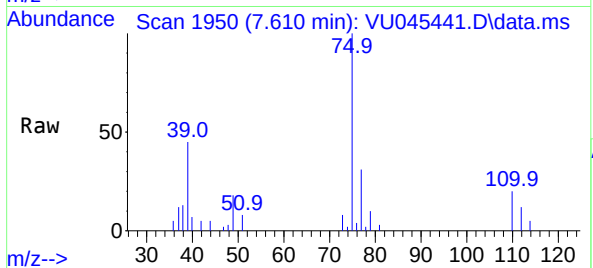




#39
cis-1,3-Dichloropropene
Concen: 2.119 ug/L
RT: 7.610 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VU045441.D
Acq: 28 Oct 2021 15:45

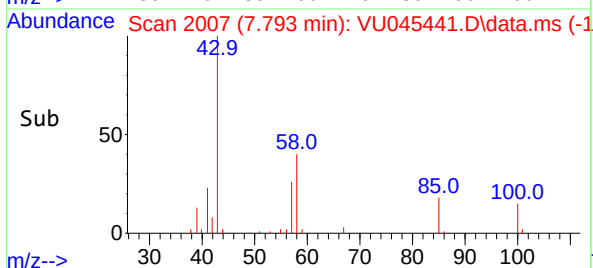
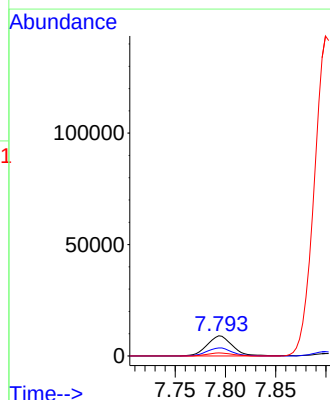
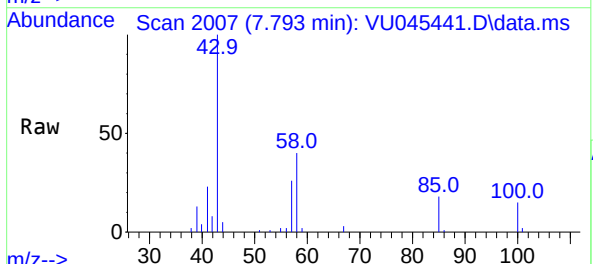
Instrument :
MSVOA_U
ClientSampled :
MDL07

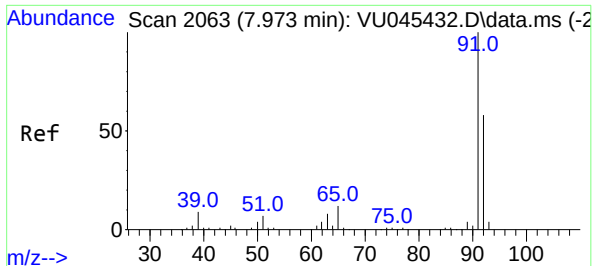
Tgt Ion: 75 Resp: 8603
Ion Ratio Lower Upper
75 100
77 30.7 22.7 42.1



#40
4-Methyl-2-pentanone
Concen: 4.046 ug/L
RT: 7.793 min Scan# 2007
Delta R.T. -0.003 min
Lab File: VU045441.D
Acq: 28 Oct 2021 15:45

Tgt Ion: 43 Resp: 15843
Ion Ratio Lower Upper
43 100
58 39.1 33.9 50.9
100 14.6 13.3 19.9

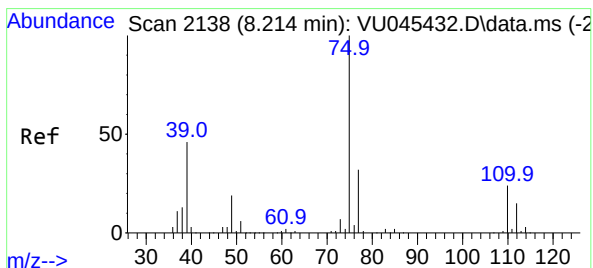
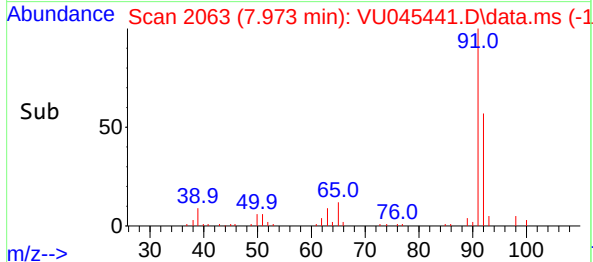
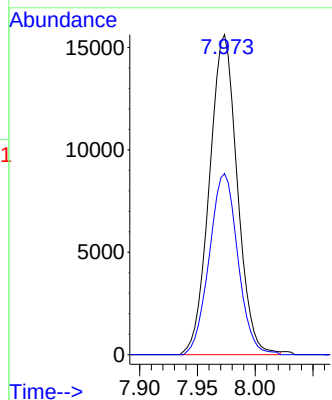
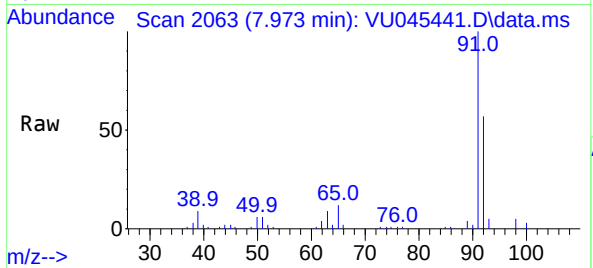




#42
Toluene
Concen: 2.523 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045441.D
Acq: 28 Oct 2021 15:45

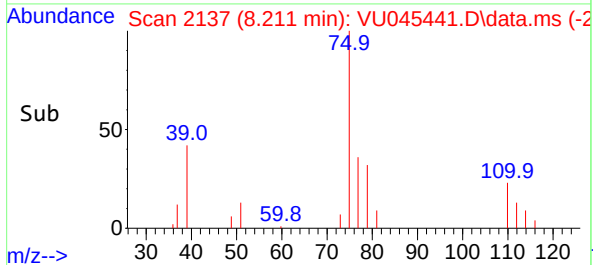
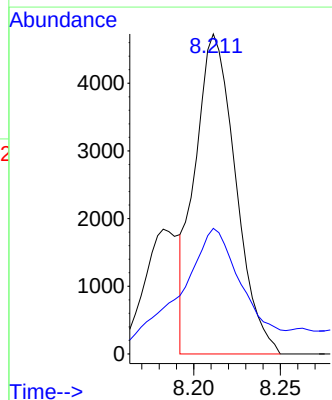
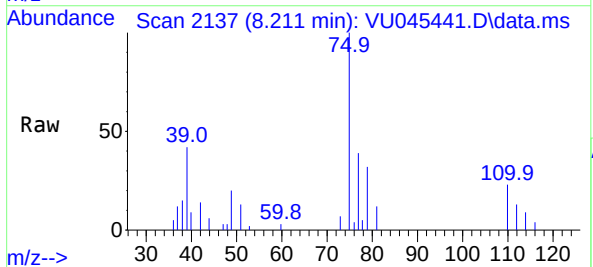
Instrument :
MSVOA_U
ClientSampleId :
MDL07

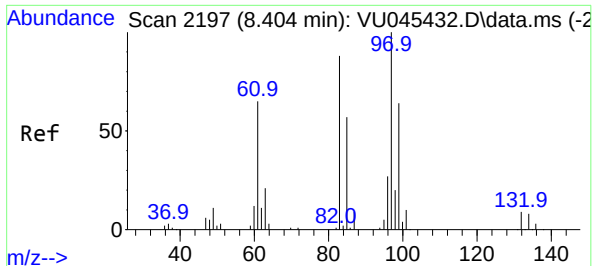
Tgt Ion: 91 Resp: 26243
Ion Ratio Lower Upper
91 100
92 56.6 40.7 75.7



#44
trans-1,3-Dichloropropene
Concen: 2.013 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. -0.003 min
Lab File: VU045441.D
Acq: 28 Oct 2021 15:45

Tgt Ion: 75 Resp: 7703
Ion Ratio Lower Upper
75 100
77 39.3 22.7 42.1





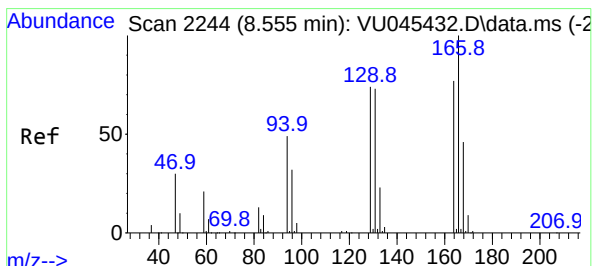
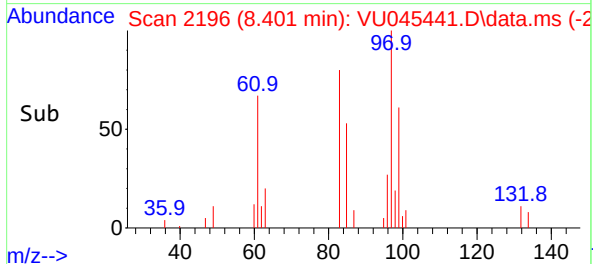
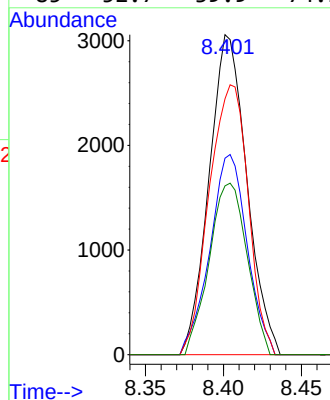
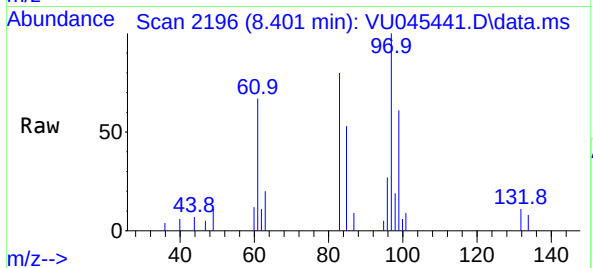
#45

1,1,2-Trichloroethane
Concen: 2.088 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VU045441.D
Acq: 28 Oct 2021 15:45

Instrument :
MSVOA_U
ClientSampleId :
MDL07

Tgt Ion: 97 Resp: 5146

Ion	Ratio	Lower	Upper
97	100		
99	61.4	44.7	82.9
83	80.0	61.5	114.1
85	52.7	39.9	74.1

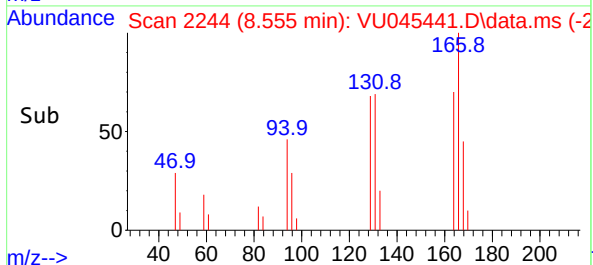
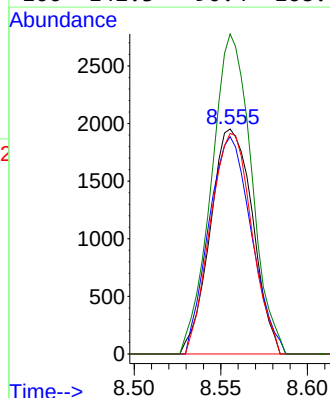
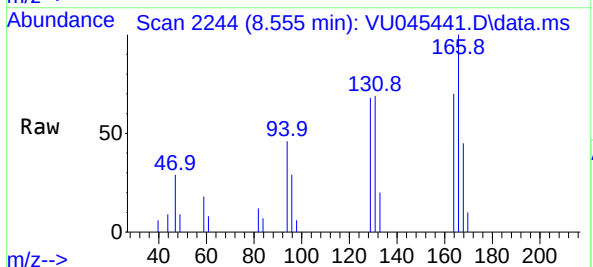


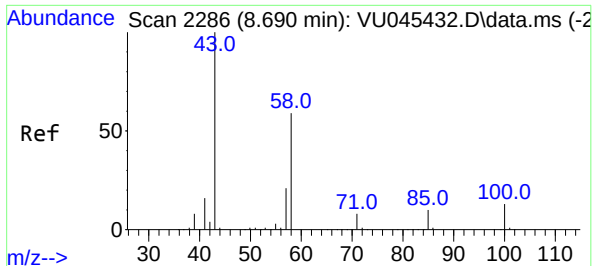
#46

Tetrachloroethene
Concen: 1.946 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU045441.D
Acq: 28 Oct 2021 15:45

Tgt Ion: 164 Resp: 3312

Ion	Ratio	Lower	Upper
164	100		
129	96.6	66.8	124.2
131	98.0	65.6	121.8
166	142.3	90.4	168.0



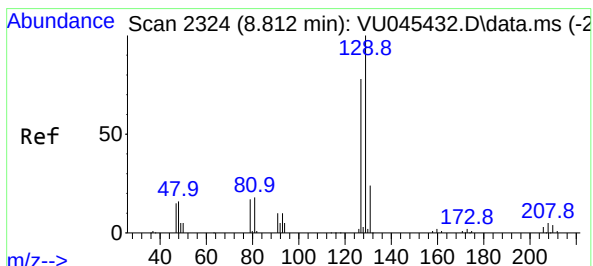
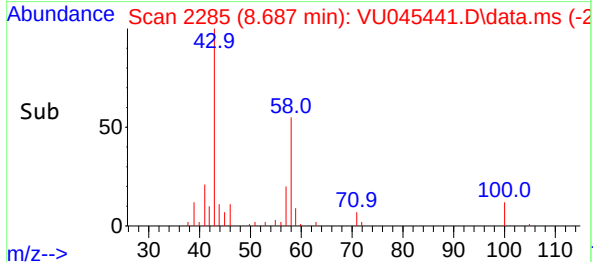
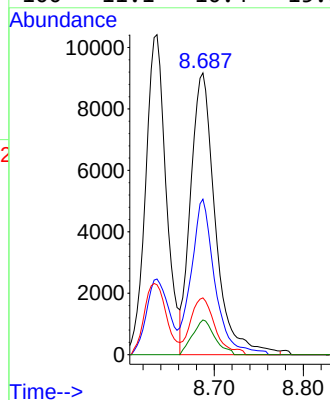
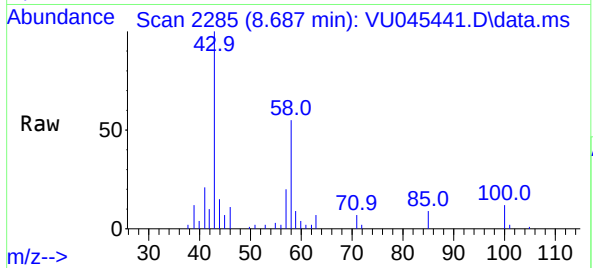


#48
2-Hexanone
Concen: 5.415 ug/L
RT: 8.687 min Scan# 2285
Delta R.T. -0.003 min
Lab File: VU045441.D
Acq: 28 Oct 2021 15:45

Instrument :
MSVOA_U
ClientSampleId :
MDL07

Tgt Ion: 43 Resp: 17663

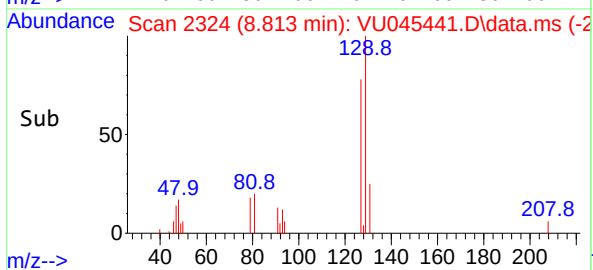
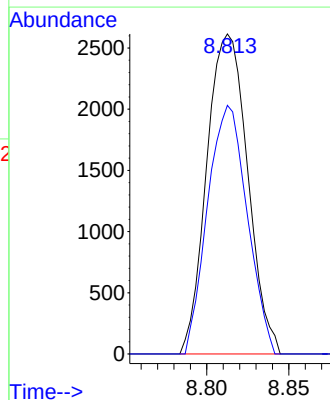
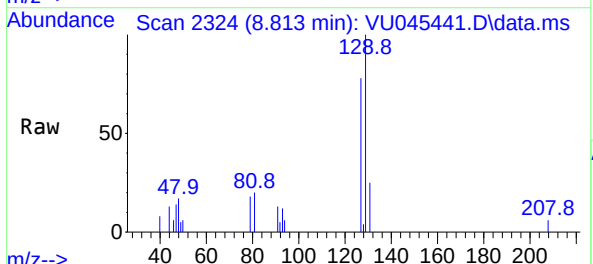
Ion	Ratio	Lower	Upper
43	100		
58	50.7	47.0	70.4
57	17.1	16.3	24.5
100	11.1	10.4	15.6

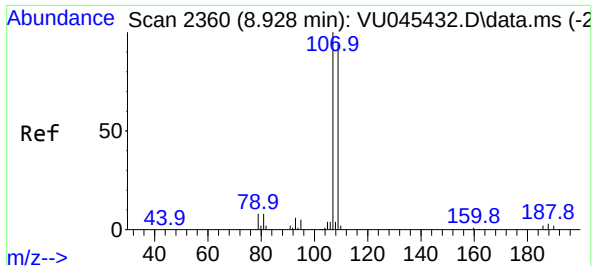


#49
Dibromochloromethane
Concen: 1.907 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU045441.D
Acq: 28 Oct 2021 15:45

Tgt Ion: 129 Resp: 4529

Ion	Ratio	Lower	Upper
129	100		
127	77.7	54.9	101.9





#50

1,2-Dibromoethane

Concen: 2.086 ug/L

RT: 8.925 min Scan# 2359

Delta R.T. -0.003 min

Lab File: VU045441.D

Acq: 28 Oct 2021 15:45

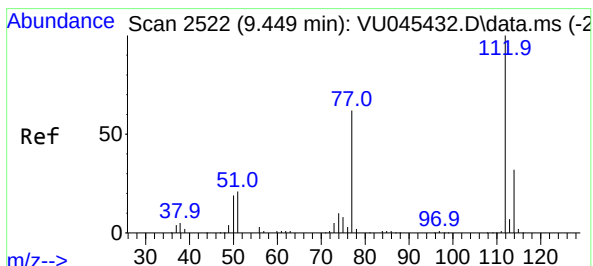
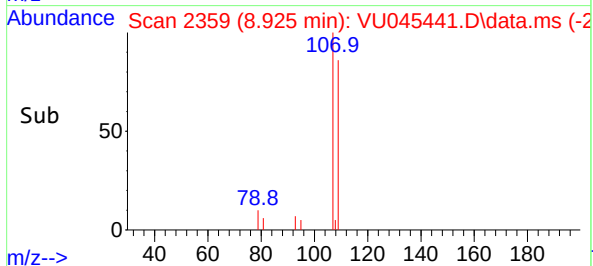
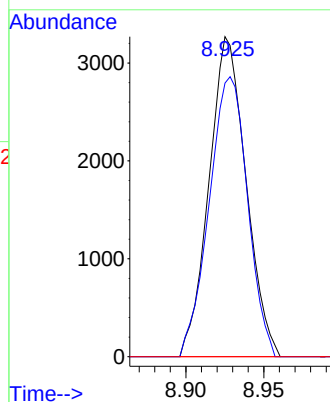
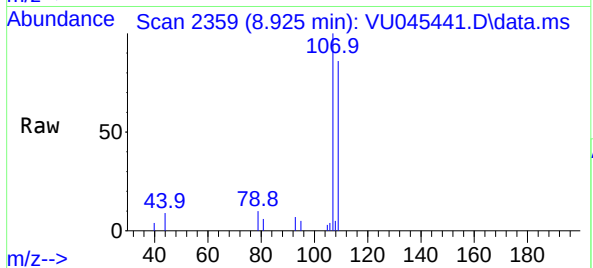
Instrument :

MSVOA_U

ClientSampleId :

MDL07

Tgt Ion:	107	Resp:	5395
Ion	Ratio	Lower	Upper
107	100		
109	85.5	66.1	122.8
188	0.0	2.8	4.2#



#51

Chlorobenzene

Concen: 2.025 ug/L

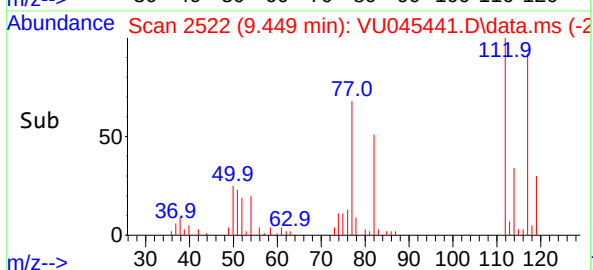
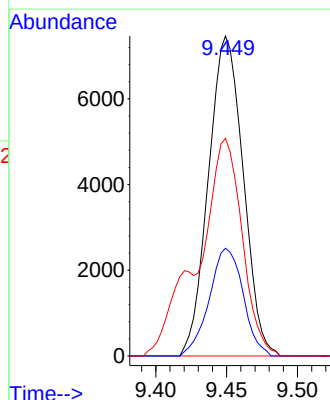
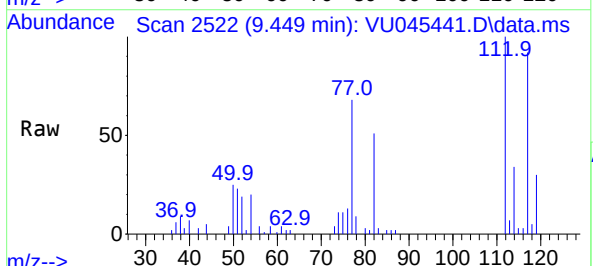
RT: 9.449 min Scan# 2522

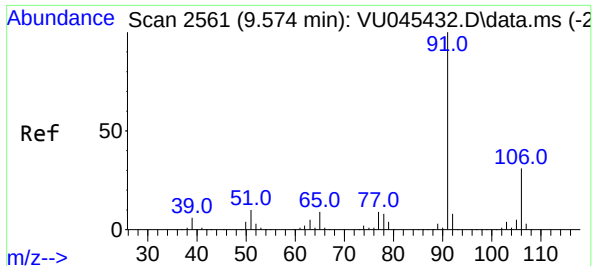
Delta R.T. 0.000 min

Lab File: VU045441.D

Acq: 28 Oct 2021 15:45

Tgt Ion:	112	Resp:	12723
Ion	Ratio	Lower	Upper
112	100		
114	33.7	22.5	41.7
77	68.0	49.8	74.6

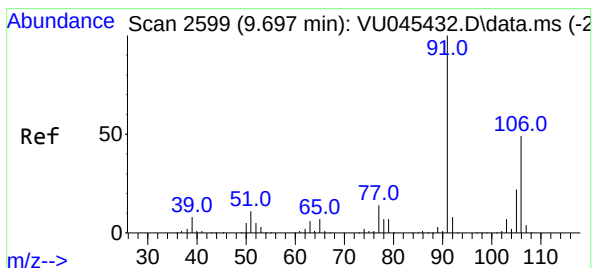
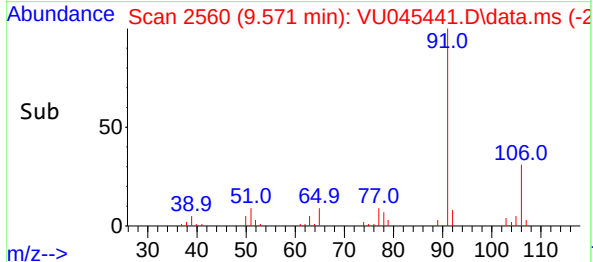
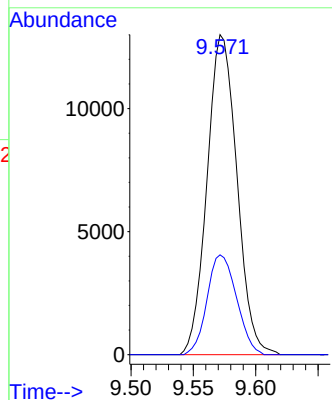
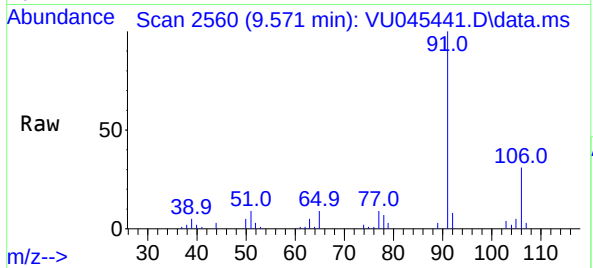




#52
Ethylbenzene
Concen: 1.969 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.003 min
Lab File: VU045441.D
Acq: 28 Oct 2021 15:45

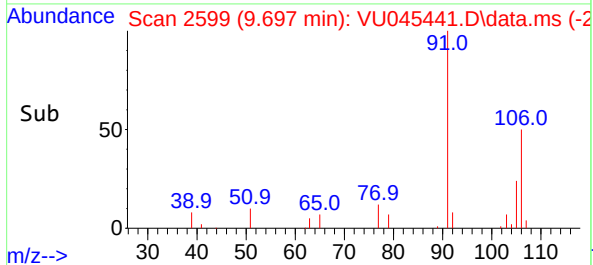
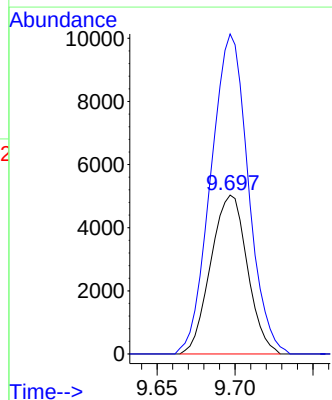
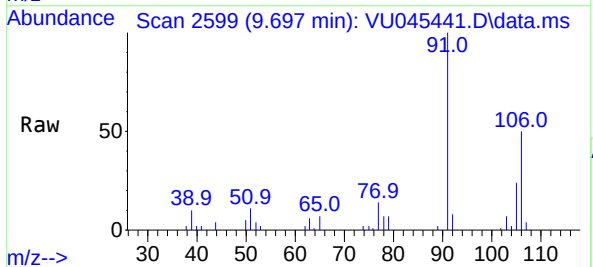
Instrument :
MSVOA_U
ClientSampleId :
MDL07

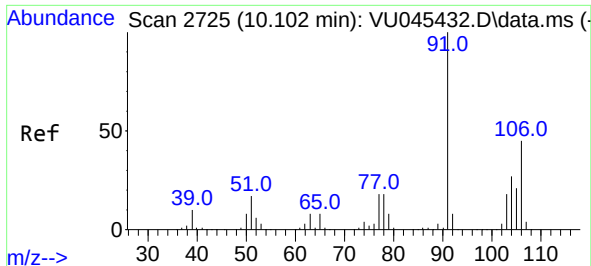
Tgt Ion: 91 Resp: 21719
Ion Ratio Lower Upper
91 100
106 31.2 21.7 40.3



#53
m,p-Xylene
Concen: 1.945 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU045441.D
Acq: 28 Oct 2021 15:45

Tgt Ion: 106 Resp: 8209
Ion Ratio Lower Upper
106 100
91 201.3 142.2 264.2

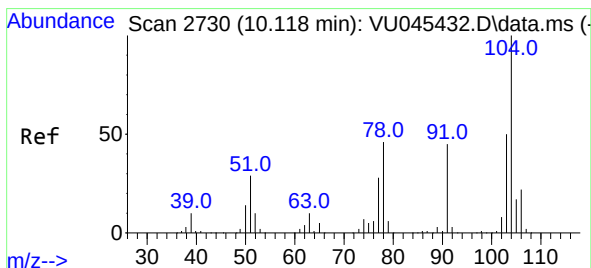
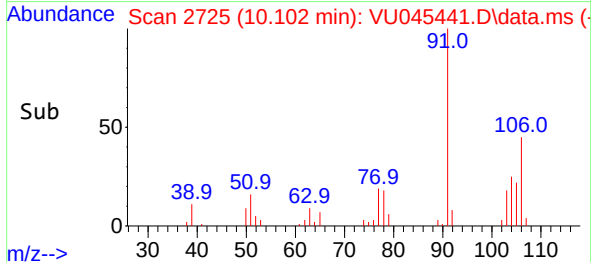
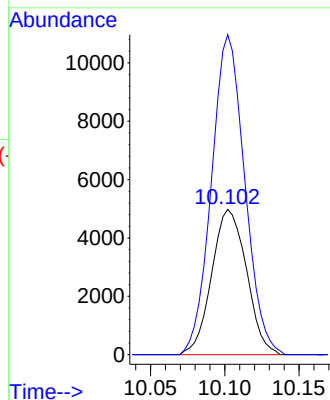
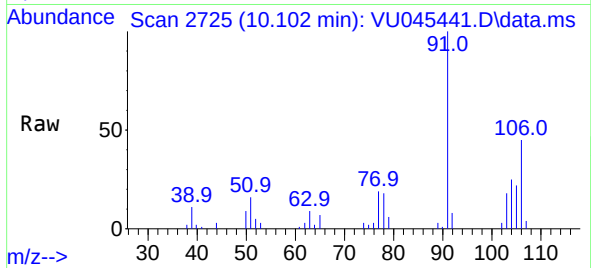




#54
o-xylene
Concen: 1.945 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU045441.D
Acq: 28 Oct 2021 15:45

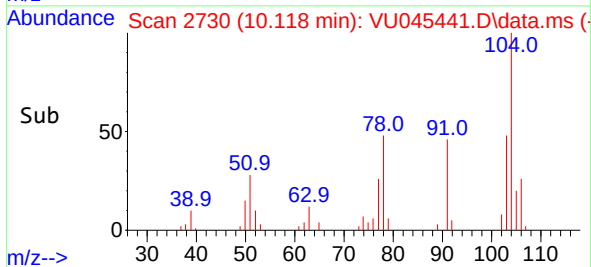
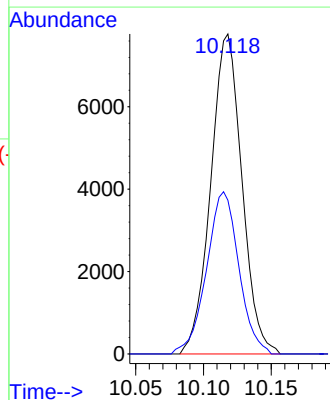
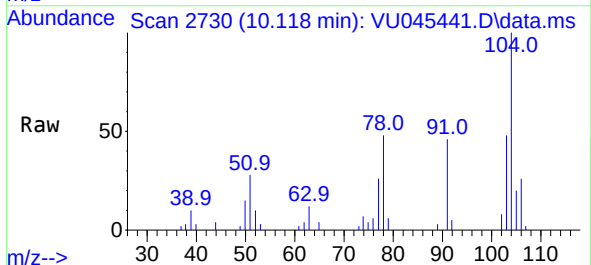
Instrument :
MSVOA_U
ClientSampleId :
MDL07

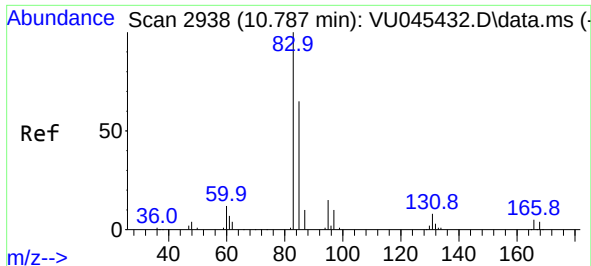
Tgt Ion:106 Resp: 8132
Ion Ratio Lower Upper
106 100
91 220.2 155.2 288.2



#55
Styrene
Concen: 1.768 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VU045441.D
Acq: 28 Oct 2021 15:45

Tgt Ion:104 Resp: 12421
Ion Ratio Lower Upper
104 100
78 48.1 32.6 60.6

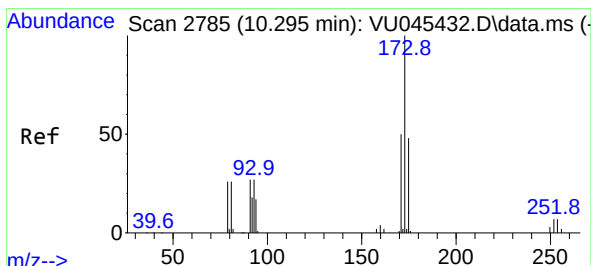
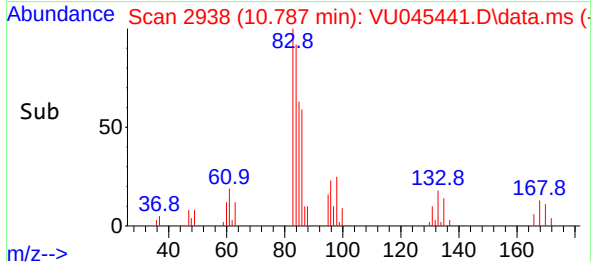
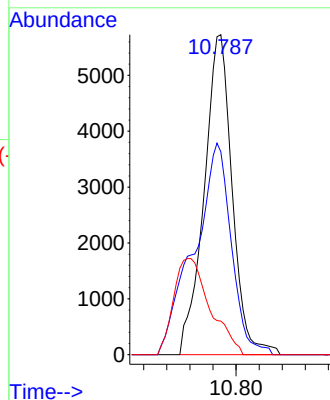
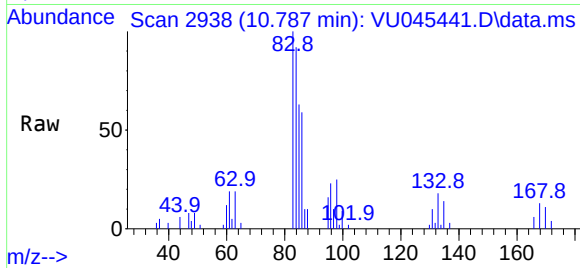




#57
1,1,2,2-Tetrachloroethane
Concen: 2.212 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. 0.000 min
Lab File: VU045441.D
Acq: 28 Oct 2021 15:45

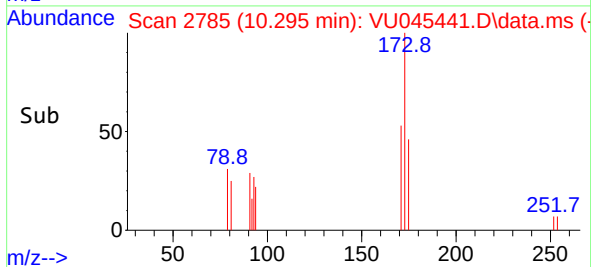
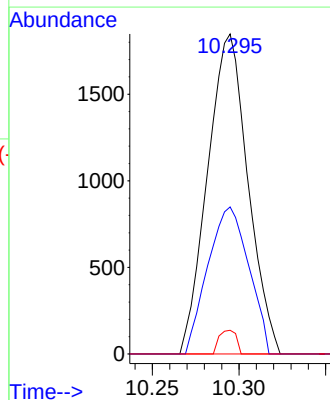
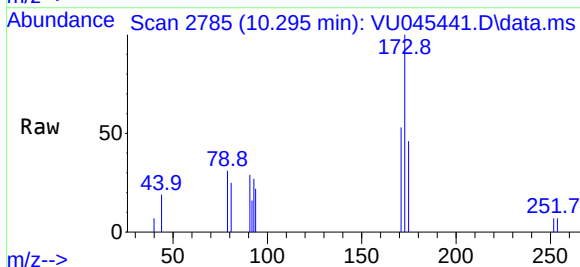
Instrument :
MSVOA_U
ClientSampleId :
MDL07

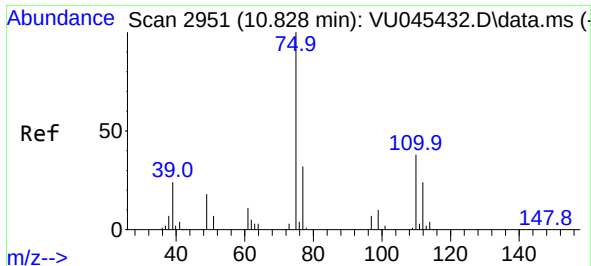
Tgt Ion:	83	Resp:	9684
Ion	Ratio	Lower	Upper
83	100		
85	63.4	46.0	85.4
131	10.5	7.0	10.4#



#59
Bromoform
Concen: 1.890 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. 0.000 min
Lab File: VU045441.D
Acq: 28 Oct 2021 15:45

Tgt Ion:	173	Resp:	2992
Ion	Ratio	Lower	Upper
173	100		
175	46.7	38.7	58.1
254	0.0	5.8	8.8#

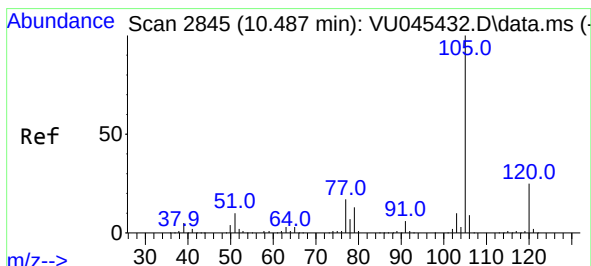
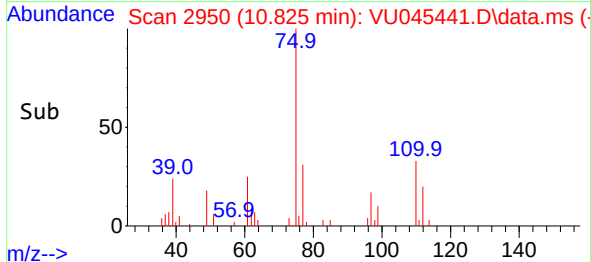
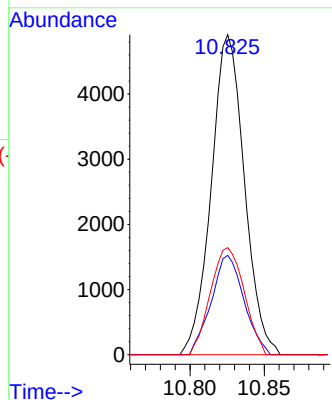
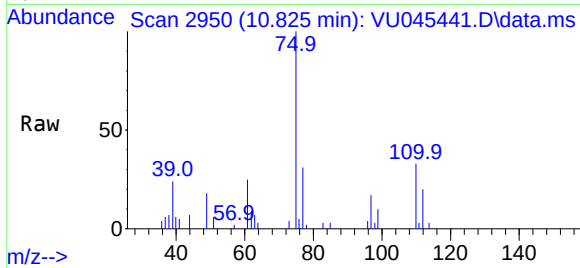




#60
1,2,3-Trichloropropane
Concen: 2.255 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU045441.D
Acq: 28 Oct 2021 15:45

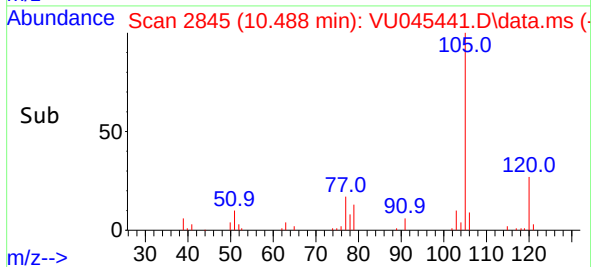
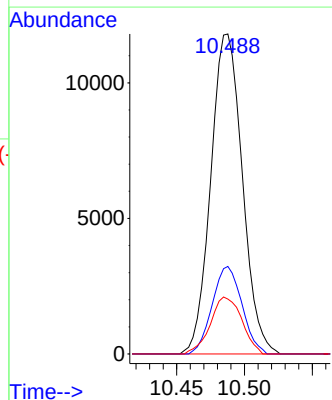
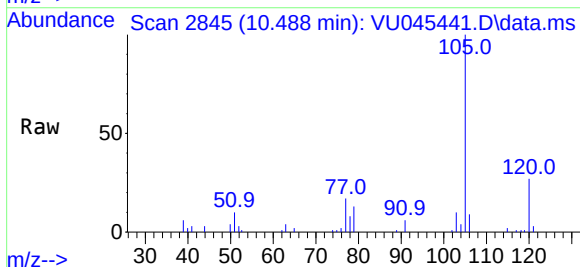
Instrument :
MSVOA_U
ClientSampleId :
MDL07

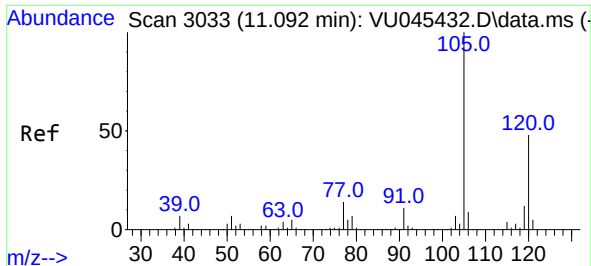
Tgt Ion:	75	Resp:	7623
Ion	Ratio	Lower	Upper
75	100		
77	30.7	25.9	38.9
110	34.1	29.8	44.8



#61
Isopropylbenzene
Concen: 1.884 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU045441.D
Acq: 28 Oct 2021 15:45

Tgt Ion:	105	Resp:	19117
Ion	Ratio	Lower	Upper
105	100		
120	25.7	20.4	30.6
77	17.7	13.3	19.9

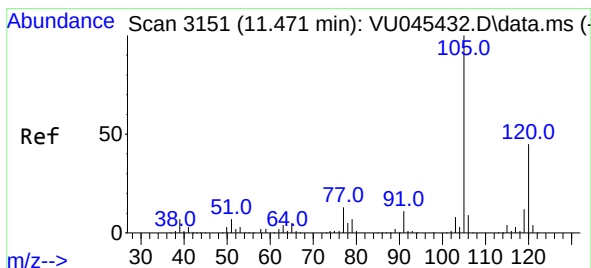
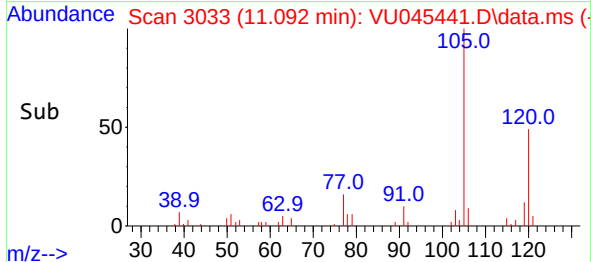
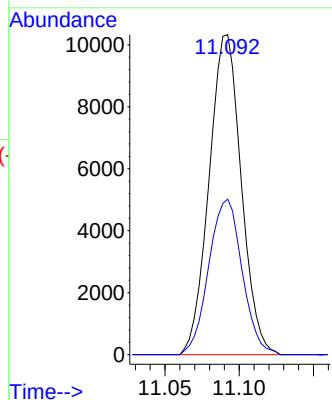
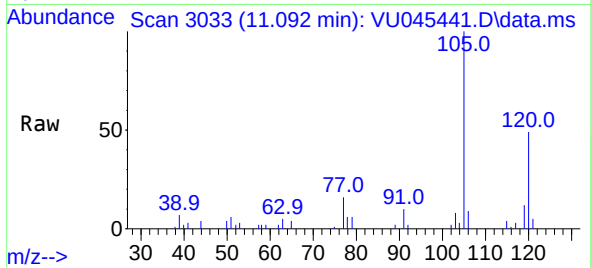




#62
1,3,5-Trimethylbenzene
Concen: 1.802 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU045441.D
Acq: 28 Oct 2021 15:45

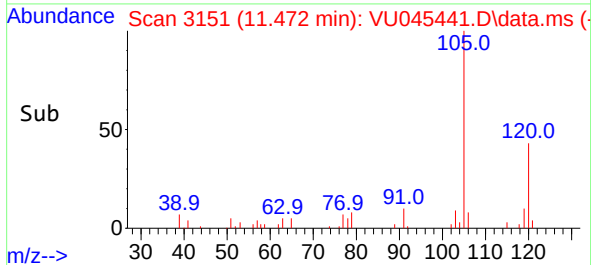
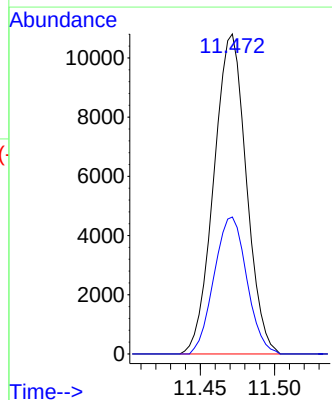
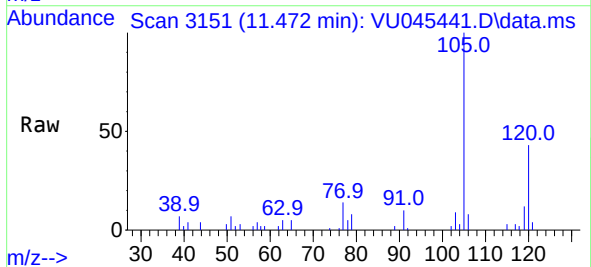
Tgt Ion:105 Resp: 15566
Ion Ratio Lower Upper
105 100
120 50.4 38.5 57.7

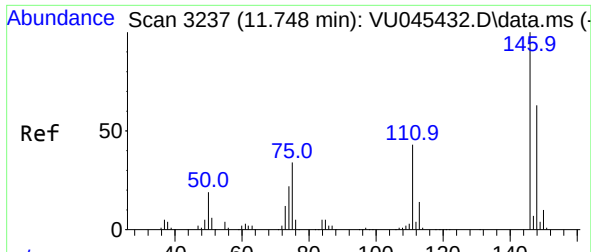
Instrument :
MSVOA_U
ClientSampleId :
MDL07



#63
1,2,4-Trimethylbenzene
Concen: 1.873 ug/L
RT: 11.472 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU045441.D
Acq: 28 Oct 2021 15:45

Tgt Ion:105 Resp: 16446
Ion Ratio Lower Upper
105 100
120 43.0 35.6 53.4

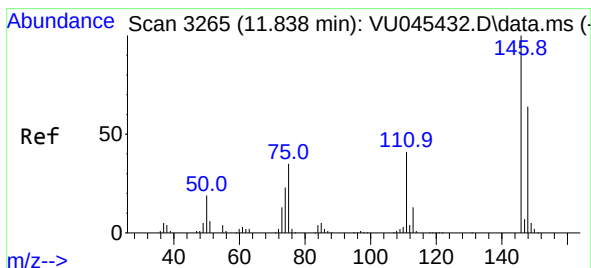
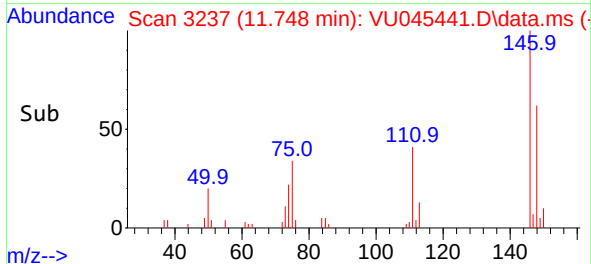
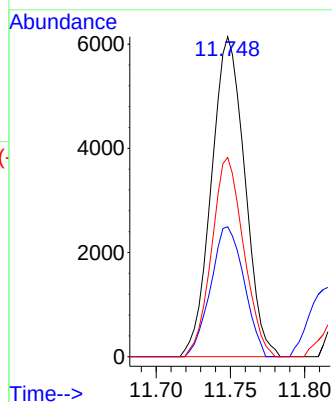
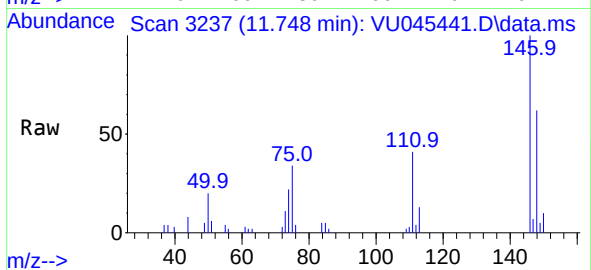




#64
1,3-Dichlorobenzene
Concen: 2.135 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU045441.D
Acq: 28 Oct 2021 15:45

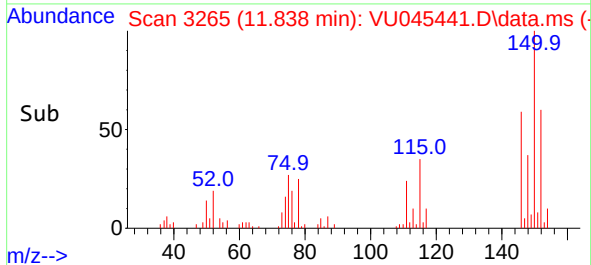
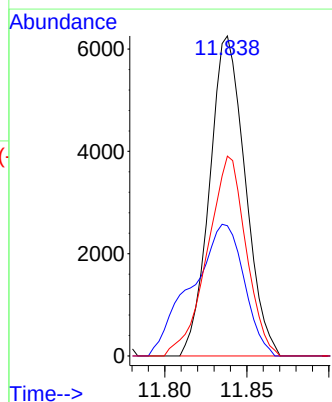
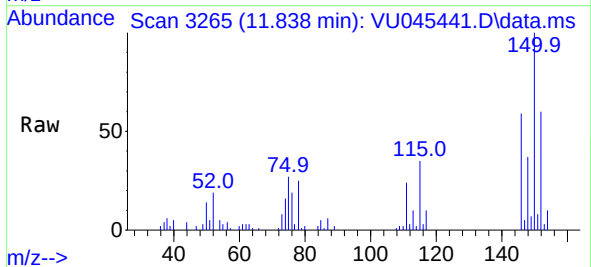
Instrument :
MSVOA_U
ClientSampleId :
MDL07

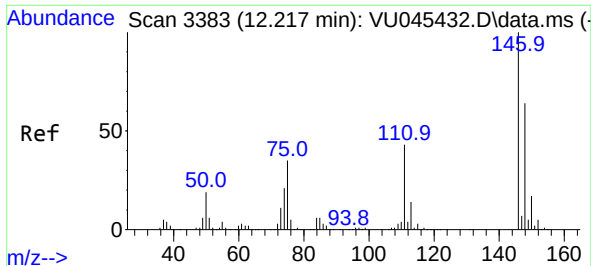
Tgt Ion:146 Resp: 9578
Ion Ratio Lower Upper
146 100
111 37.9 29.8 55.4
148 58.1 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 2.076 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU045441.D
Acq: 28 Oct 2021 15:45

Tgt Ion:146 Resp: 9424
Ion Ratio Lower Upper
146 100
111 40.7 28.6 53.0
148 62.4 44.5 82.7

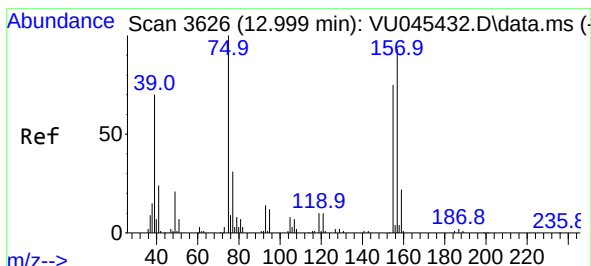
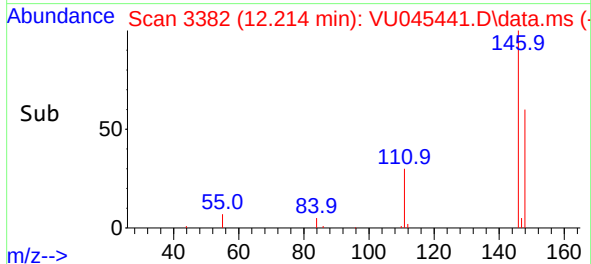
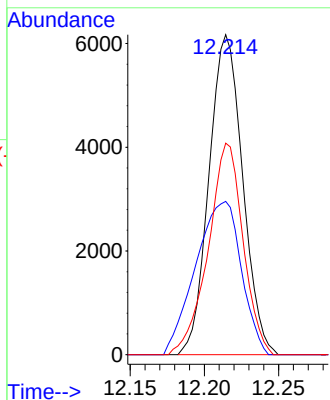
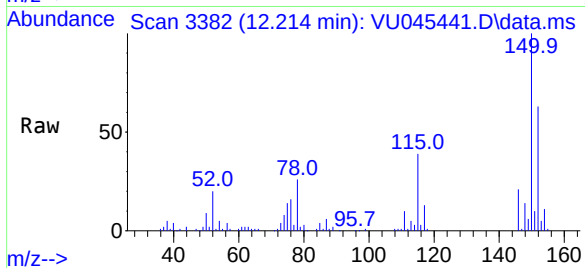




#67
1,2-Dichlorobenzene
Concen: 2.095 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. -0.003 min
Lab File: VU045441.D
Acq: 28 Oct 2021 15:45

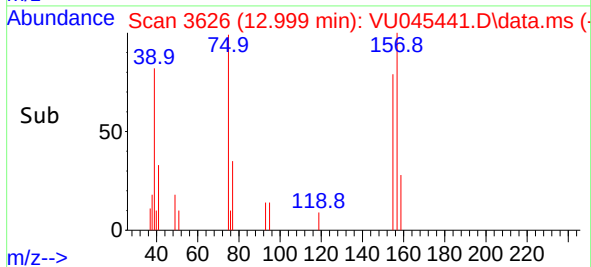
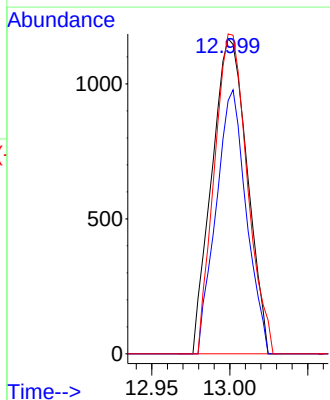
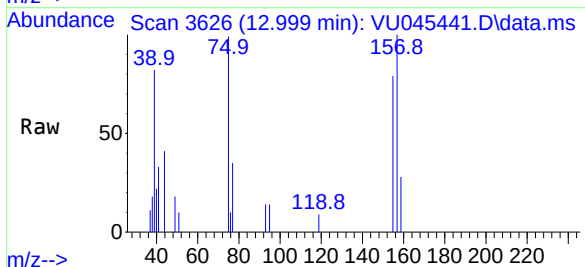
Instrument :
MSVOA_U
ClientSampleId :
MDL07

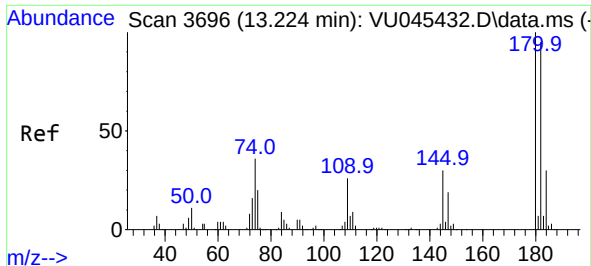
Tgt Ion:146 Resp: 9730
Ion Ratio Lower Upper
146 100
111 47.9 34.6 52.0
148 66.1 51.2 76.8



#68
1,2-Dibromo-3-chloropropane
Concen: 1.868 ug/L
RT: 12.999 min Scan# 3626
Delta R.T. 0.000 min
Lab File: VU045441.D
Acq: 28 Oct 2021 15:45

Tgt Ion: 75 Resp: 1843
Ion Ratio Lower Upper
75 100
155 80.3 60.0 90.0
157 101.5 77.9 116.9



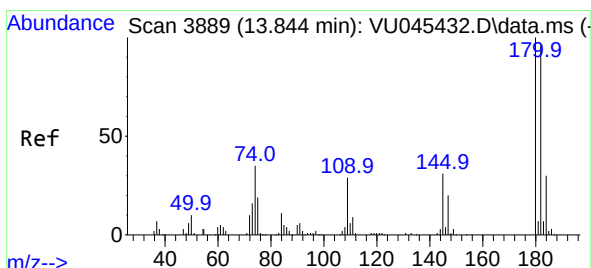
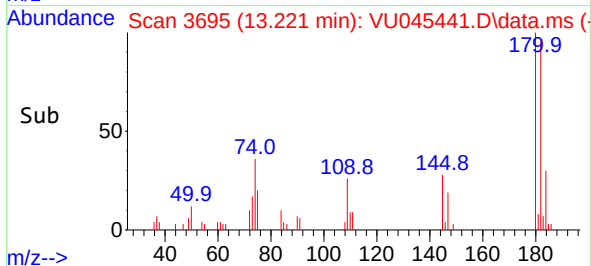
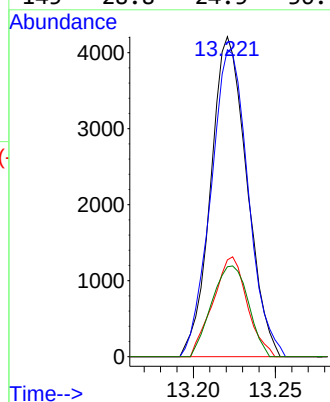
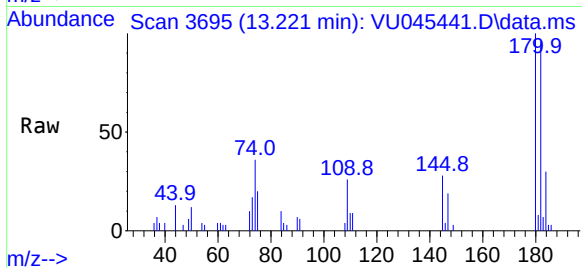


#69
1,3,5-Trichlorobenzene
Concen: 1.943 ug/L
RT: 13.221 min Scan# 3695
Delta R.T. -0.003 min
Lab File: VU045441.D
Acq: 28 Oct 2021 15:45

Instrument :
MSVOA_U
ClientSampleId :
MDL07

Tgt Ion:180 Resp: 6429

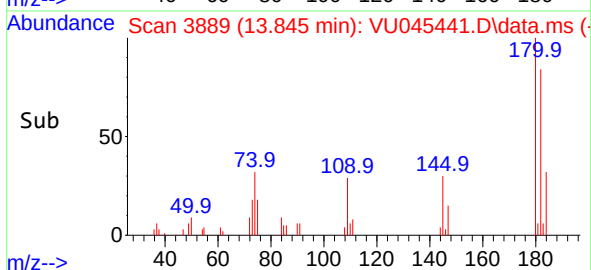
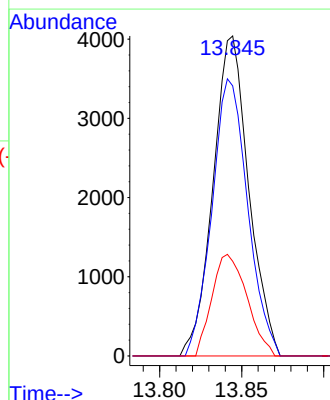
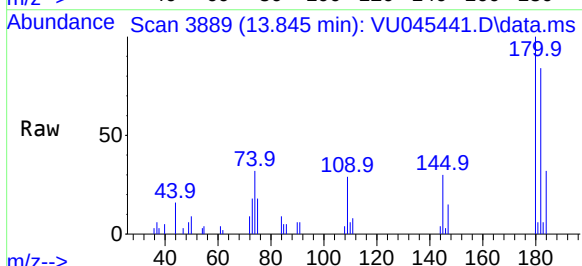
Ion	Ratio	Lower	Upper
180	100		
182	99.2	76.6	114.8
184	29.6	23.9	35.9
145	28.8	24.5	36.7

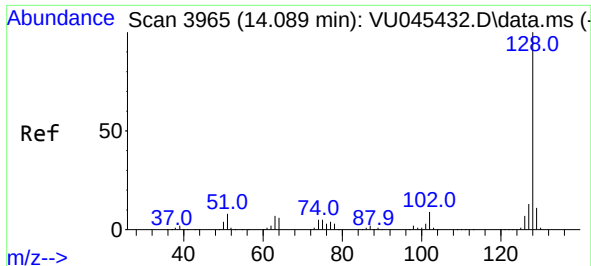


#70
1,2,4-trichlorobenzene
Concen: 2.022 ug/L
RT: 13.845 min Scan# 3889
Delta R.T. 0.000 min
Lab File: VU045441.D
Acq: 28 Oct 2021 15:45

Tgt Ion:180 Resp: 6114

Ion	Ratio	Lower	Upper
180	100		
182	86.5	76.1	114.1
145	31.1	25.3	37.9

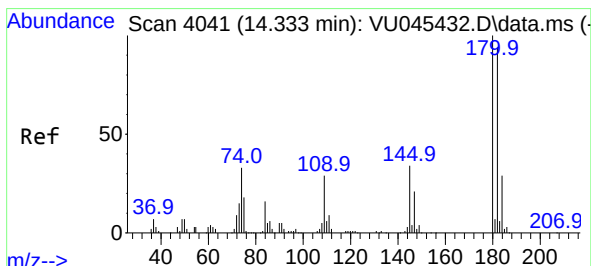
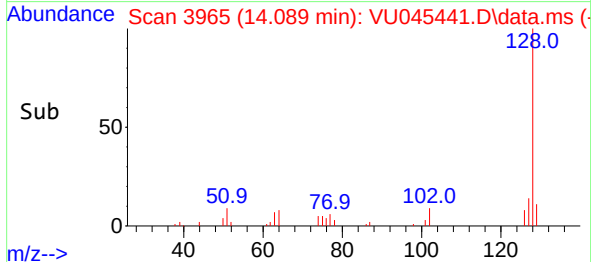
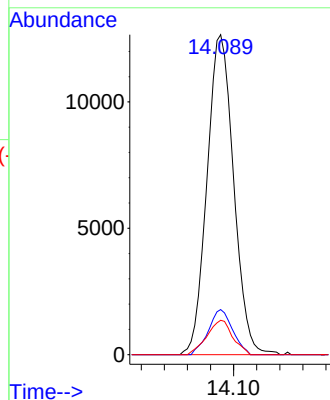
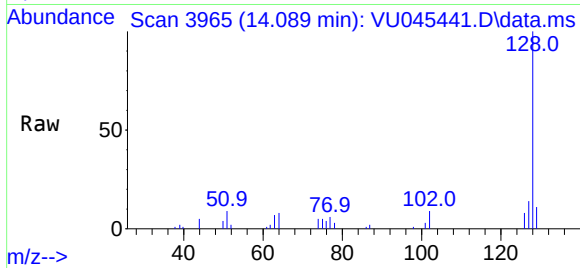




#71
Naphthalene
Concen: 1.760 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU045441.D
Acq: 28 Oct 2021 15:45

Instrument :
MSVOA_U
ClientSampleId :
MDL07

Tgt Ion:	128	Resp:	20275
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.4	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 1.974 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VU045441.D
Acq: 28 Oct 2021 15:45

Tgt Ion:	180	Resp:	6108
Ion	Ratio	Lower	Upper
180	100		
182	96.1	75.7	113.5
145	32.4	27.0	40.4

