

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100721\
 Data File : VU045198.D
 Acq On : 07 Oct 2021 09:33
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 07 21:31:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 07 03:00:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	312966	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	304309	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	150486	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	125301	36.573	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.140%
7) Chloroethane-d5	1.909	69	105912	39.011	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.020%
11) 1,1-Dichloroethene-d2	2.571	63	232565	40.421	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.840%
21) 2-Butanone-d5	4.626	46	216503	79.933	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.930%
24) Chloroform-d	5.070	84	231463	42.776	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.560%
26) 1,2-Dichloroethane-d4	5.706	65	155173	42.336	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.680%
32) Benzene-d6	5.732	84	455776	43.163	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.320%
36) 1,2-Dichloropropane-d6	6.697	67	143909	41.797	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.600%
41) Toluene-d8	7.902	98	416890	45.749	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.500%
43) trans-1,3-Dichloroprop...	8.182	79	72326	47.223	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.440%
47) 2-Hexanone-d5	8.636	63	156262	81.896	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.900%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	222631	41.524	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.040%
66) 1,2-Dichlorobenzene-d4	12.198	152	153372	46.831	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.660%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	126385	42.175	ug/L	99
3) Chloromethane	1.523	50	129609	34.699	ug/L	100
5) Vinyl chloride	1.607	62	147094	40.195	ug/L	97
6) Bromomethane	1.848	94	83366	47.496	ug/L	97
8) Chloroethane	1.932	64	95951	41.777	ug/L	99
9) Trichlorofluoromethane	2.141	101	193967	46.309	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	116741	44.159	ug/L	99
12) 1,1-Dichloroethene	2.581	96	111534	46.021	ug/L	93
13) Acetone	2.629	43	227715	72.730	ug/L	97
14) Carbon disulfide	2.797	76	322274	41.507	ug/L	100
15) Methyl Acetate	2.951	43	152133	39.398	ug/L	94
16) Methylene chloride	3.051	84	133013	43.321	ug/L	93
17) trans-1,2-Dichloroethene	3.356	96	117739	46.117	ug/L	97
18) Methyl tert-butyl Ether	3.369	73	420462	49.946	ug/L	99
19) 1,1-Dichloroethane	3.874	63	233008	43.870	ug/L	98
20) cis-1,2-Dichloroethene	4.671	96	136958	48.683	ug/L	90
22) 2-Butanone	4.706	43	274417	78.310	ug/L	96
23) Bromochloromethane	4.980	128	65933	46.232	ug/L	91
25) Chloroform	5.096	83	239309	45.322	ug/L	99

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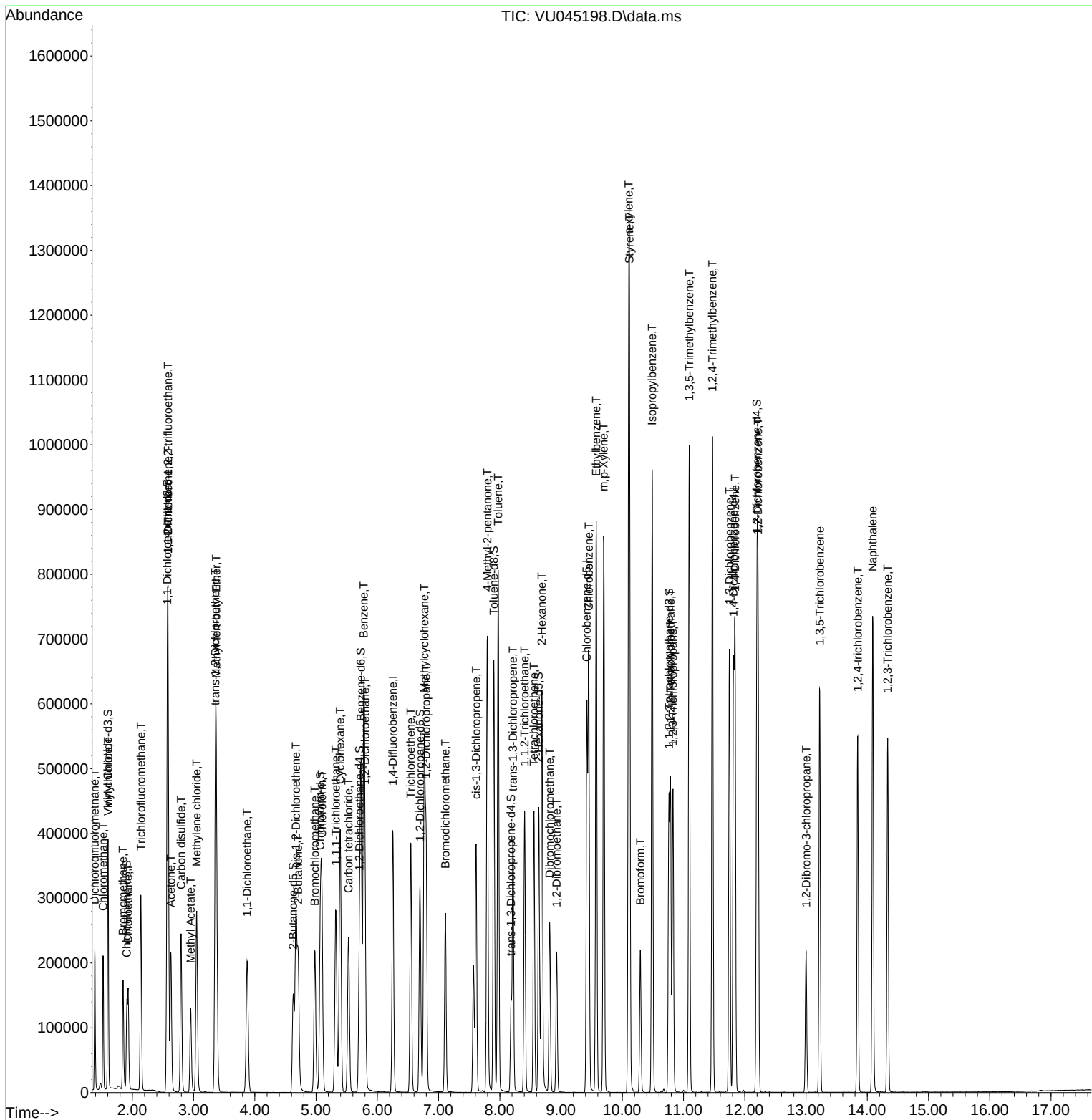
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 MSVOA_U
 ClientSampleId :

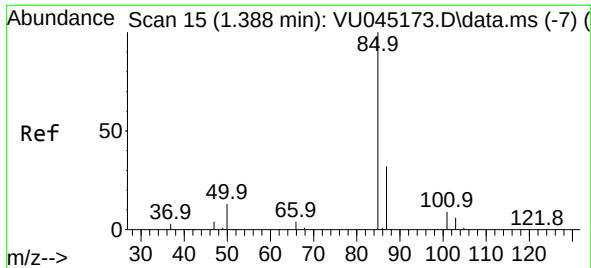
Quant Time: Oct 07 21:31:30 2021
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 Quant Title : VOC Analysis
 QLast Update : Thu Oct 07 03:00:32 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	199676	45.213	ug/L	99
29) Cyclohexane	5.395	56	210389	45.995	ug/L	95
30) 1,1,1-Trichloroethane	5.321	97	200430	47.580	ug/L	98
31) Carbon tetrachloride	5.530	117	155730	46.806	ug/L	97
33) Benzene	5.780	78	519042	45.987	ug/L	100
34) Trichloroethene	6.546	95	128903	47.549	ug/L	99
35) Methylcyclohexane	6.767	83	215244	47.424	ug/L	95
37) 1,2-Dichloropropane	6.796	63	136935	44.560	ug/L	98
38) Bromodichloromethane	7.112	83	178238	47.317	ug/L	100
39) cis-1,3-Dichloropropene	7.613	75	219041	49.816	ug/L	98
40) 4-Methyl-2-pentanone	7.796	43	441322	85.970	ug/L	97
42) Toluene	7.973	91	562391	49.041	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	207948	49.737	ug/L	98
45) 1,1,2-Trichloroethane	8.404	97	132182	47.463	ug/L	99
46) Tetrachloroethene	8.558	164	90615	46.764	ug/L	98
48) 2-Hexanone	8.687	43	378195	83.080	ug/L	98
49) Dibromochloromethane	8.816	129	131112	47.603	ug/L	100
50) 1,2-Dibromoethane	8.928	107	140080	48.041	ug/L	100
51) Chlorobenzene	9.452	112	338312	47.786	ug/L	98
52) Ethylbenzene	9.574	91	607121	50.115	ug/L	100
53) m,p-Xylene	9.697	106	234906	51.185	ug/L	98
54) o-xylene	10.105	106	234054	51.900	ug/L	99
55) Styrene	10.118	104	394377	50.852	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	231249	43.367	ug/L	100
59) Bromoform	10.295	173	92676	49.656	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	189863	45.616	ug/L	99
61) Isopropylbenzene	10.488	105	610084	55.395	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	519509	56.483	ug/L	99
63) 1,2,4-Trimethylbenzene	11.471	105	528306	56.093	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	258319	50.754	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	258649	49.531	ug/L	100
67) 1,2-Dichlorobenzene	12.217	146	259446	49.656	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.002	75	56240	47.019	ug/L	98
69) 1,3,5-Trichlorobenzene	13.224	180	179548	50.833	ug/L	98
70) 1,2,4-trichlorobenzene	13.844	180	154991	52.805	ug/L	99
71) Naphthalene	14.089	128	573435	56.378	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	153106	50.983	ug/L	99

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

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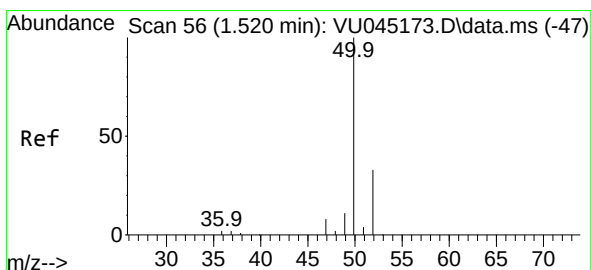
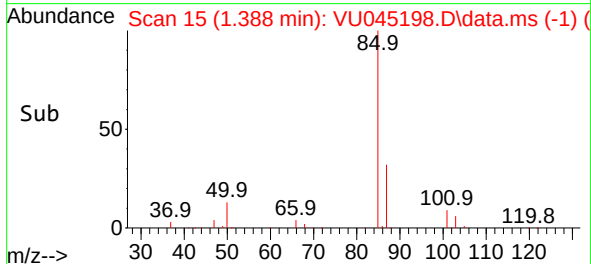
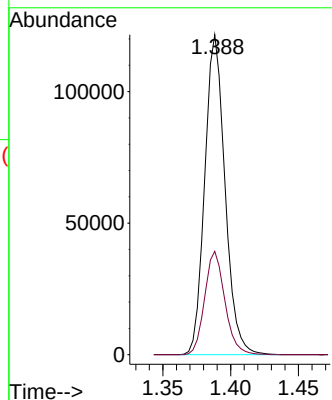
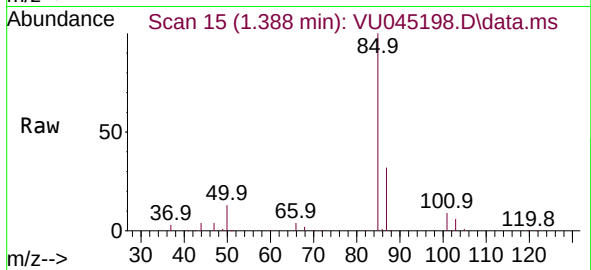




#2
Dichlorodifluoromethane
Concen: 42.175 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU045198.D
Acq: 07 Oct 2021 09:33

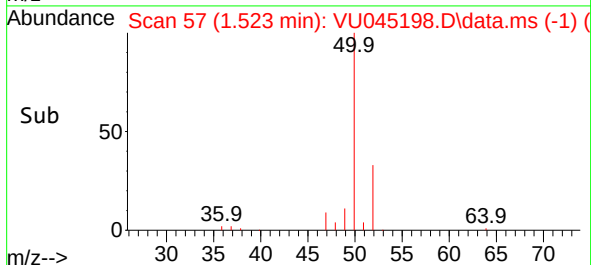
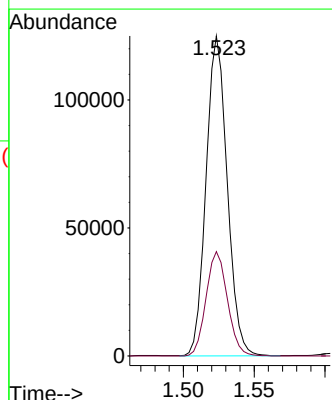
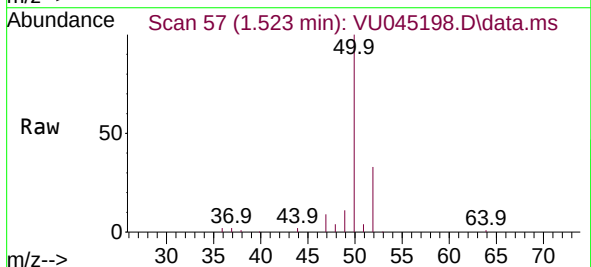
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MSVOA_U
ClientSampled :

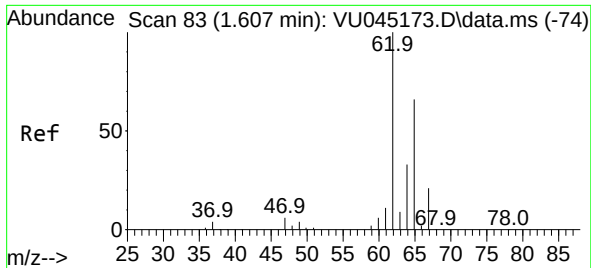
Tgt Ion: 85 Resp: 126385
Ion Ratio Lower Upper
85 100
87 32.2 25.2 37.8



#3
Chloromethane
Concen: 34.699 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU045198.D
Acq: 07 Oct 2021 09:33

Tgt Ion: 50 Resp: 129609
Ion Ratio Lower Upper
50 100
52 32.6 23.0 42.8

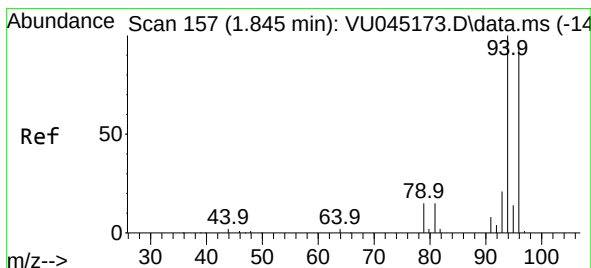
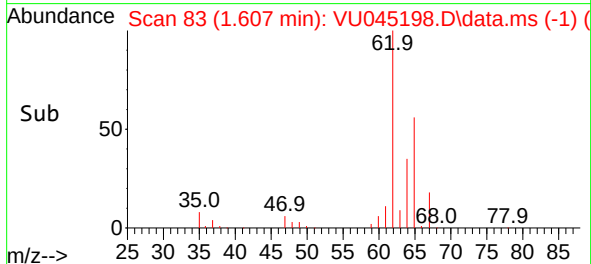
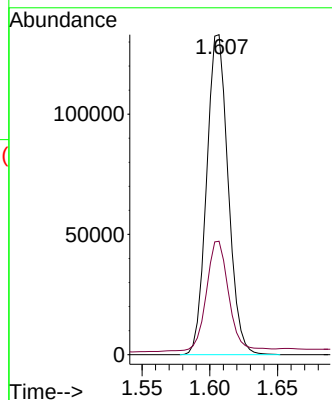
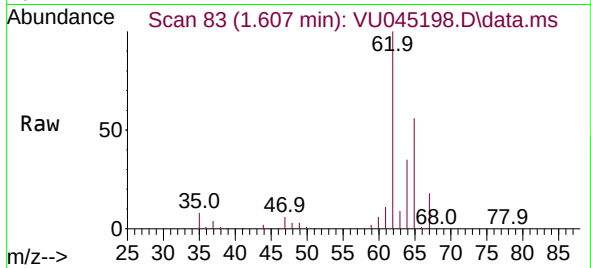




#5
 Vinyl chloride
 Concen: 40.195 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU045198.D
 Acq: 07 Oct 2021 09:33

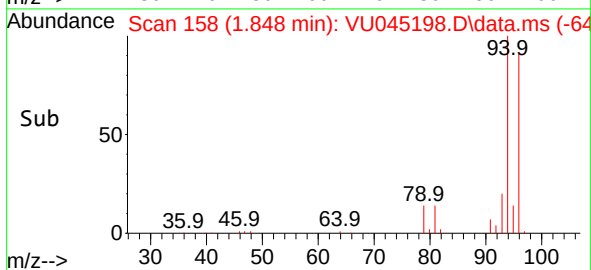
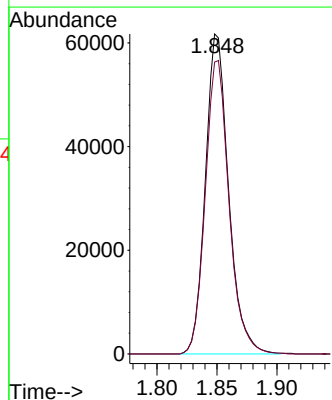
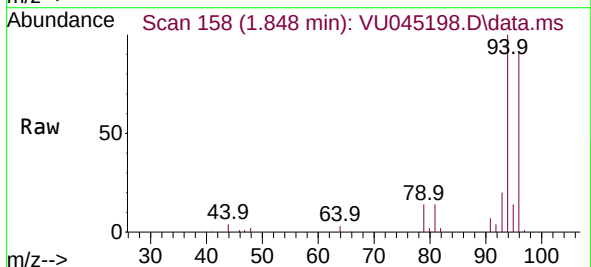
Instrument :
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 ClientSampled :

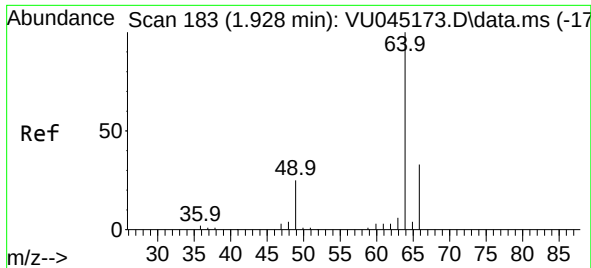
Tgt Ion: 62 Resp: 147094
 Ion Ratio Lower Upper
 62 100
 64 35.4 23.4 43.6



#6
 Bromomethane
 Concen: 47.496 ug/L
 RT: 1.848 min Scan# 158
 Delta R.T. 0.003 min
 Lab File: VU045198.D
 Acq: 07 Oct 2021 09:33

Tgt Ion: 94 Resp: 83366
 Ion Ratio Lower Upper
 94 100
 96 91.2 65.7 121.9

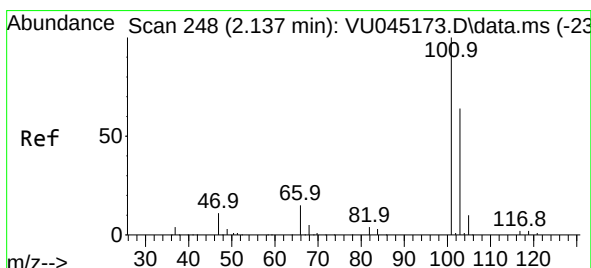
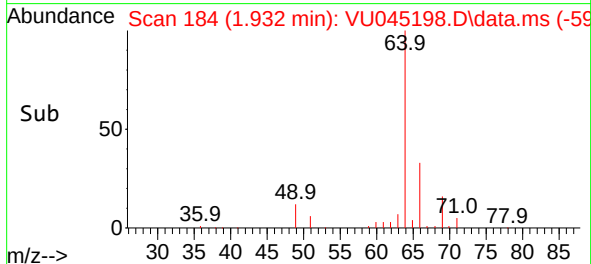
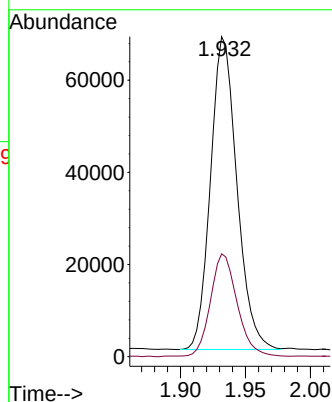
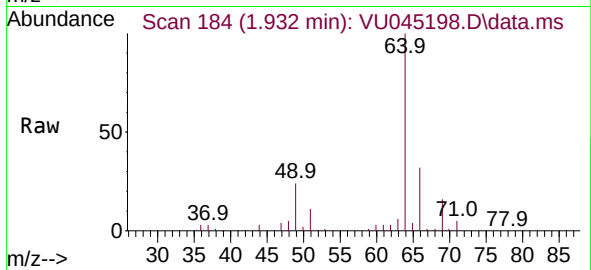




#8
Chloroethane
Concen: 41.777 ug/L
RT: 1.932 min Scan# 184
Delta R.T. 0.003 min
Lab File: VU045198.D
Acq: 07 Oct 2021 09:33

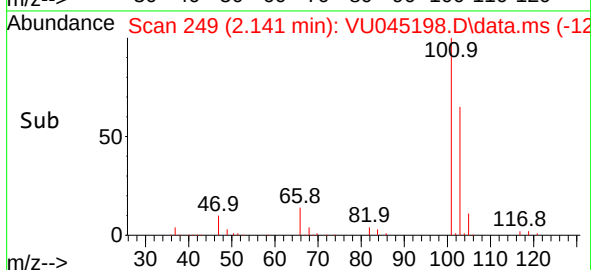
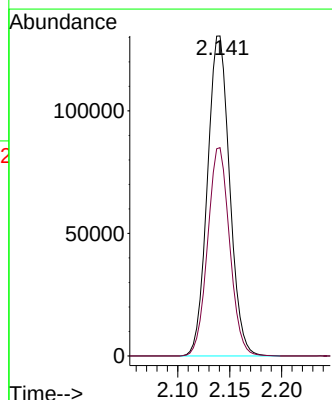
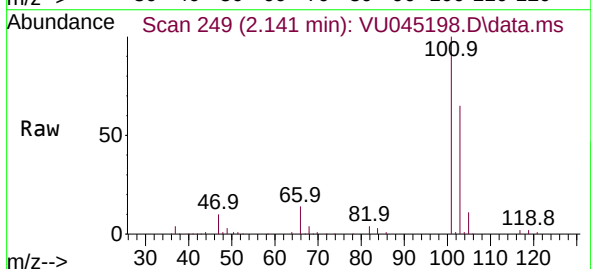
Instrument :
MSVOA_U
ClientSampled :

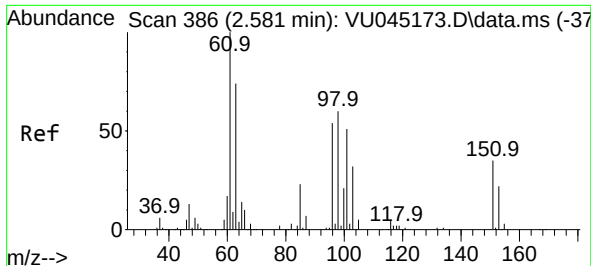
Tgt Ion: 64 Resp: 95951
Ion Ratio Lower Upper
64 100
66 32.2 22.3 41.3



#9
Trichlorofluoromethane
Concen: 46.309 ug/L
RT: 2.141 min Scan# 249
Delta R.T. 0.003 min
Lab File: VU045198.D
Acq: 07 Oct 2021 09:33

Tgt Ion:101 Resp: 193967
Ion Ratio Lower Upper
101 100
103 64.5 50.9 76.3

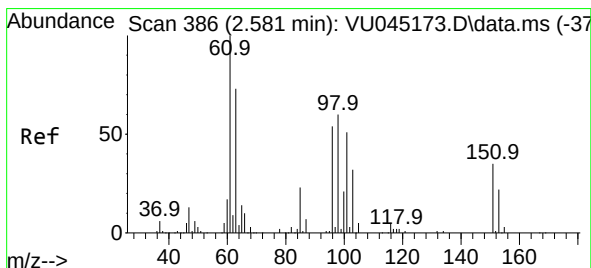
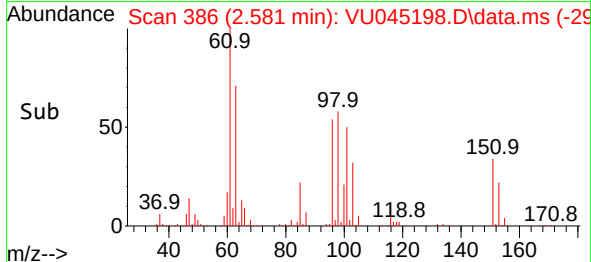
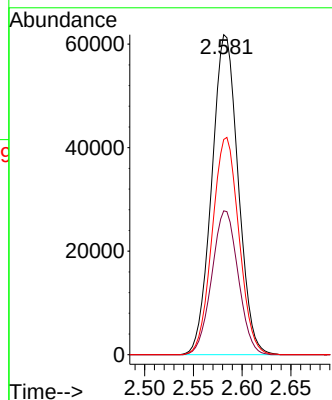
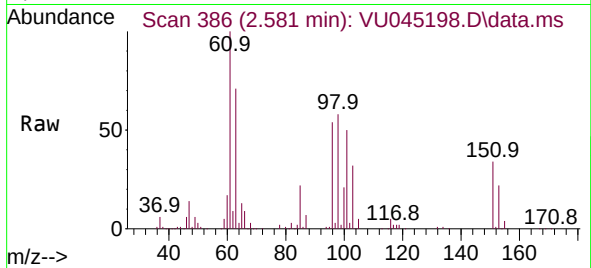




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 44.159 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. 0.000 min
 Lab File: VU045198.D
 Acq: 07 Oct 2021 09:33

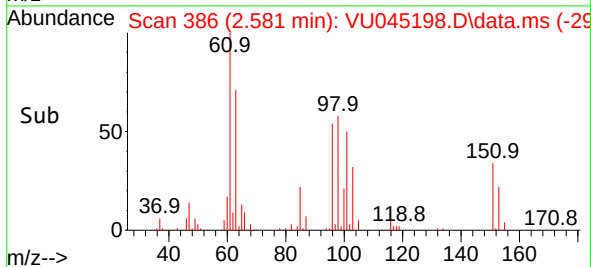
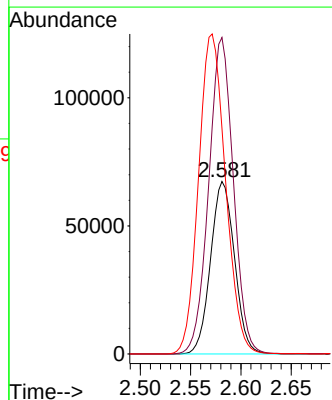
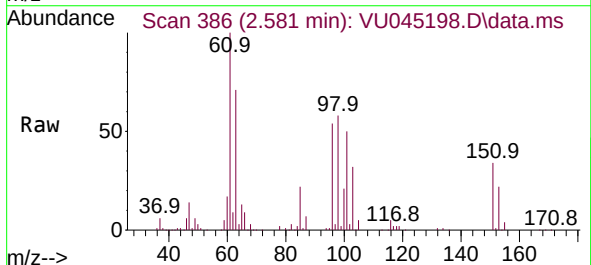
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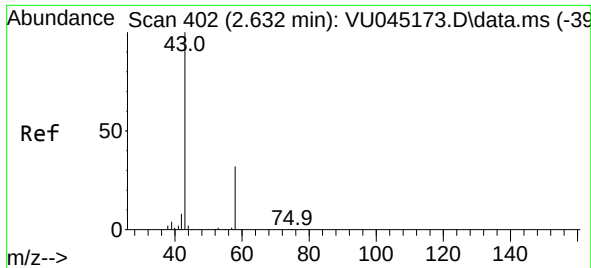
Tgt Ion:101 Resp: 116741
 Ion Ratio Lower Upper
 101 100
 85 44.8 36.4 54.6
 151 68.7 54.4 81.6



#12
 1,1-Dichloroethene
 Concen: 46.021 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. 0.000 min
 Lab File: VU045198.D
 Acq: 07 Oct 2021 09:33

Tgt Ion: 96 Resp: 111534
 Ion Ratio Lower Upper
 96 100
 61 183.6 131.3 243.9
 63 131.0 102.5 190.3

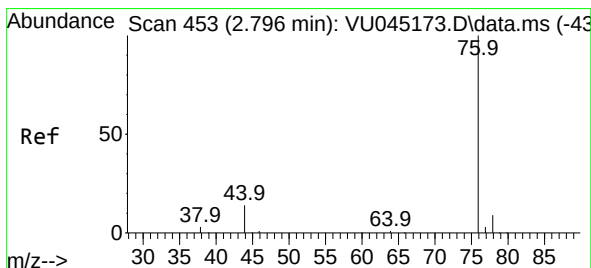
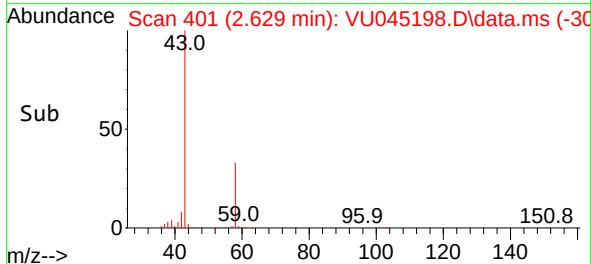
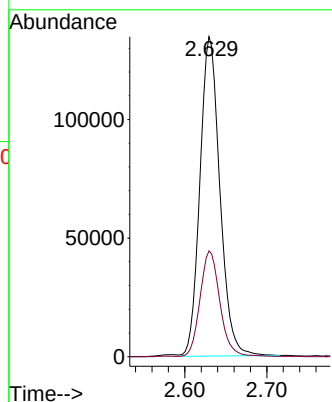
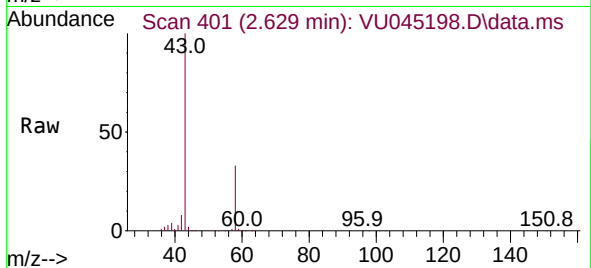




#13
Acetone
Concen: 72.730 ug/L
RT: 2.629 min Scan# 401
Delta R.T. -0.003 min
Lab File: VU045198.D
Acq: 07 Oct 2021 09:33

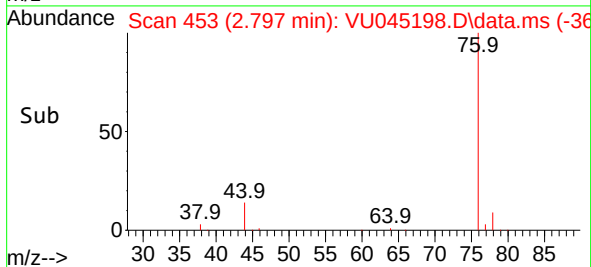
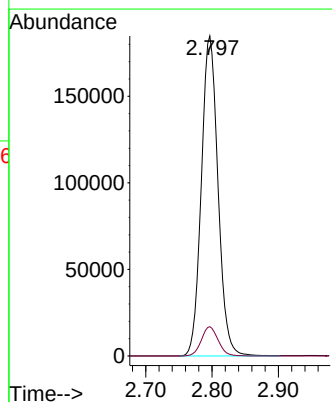
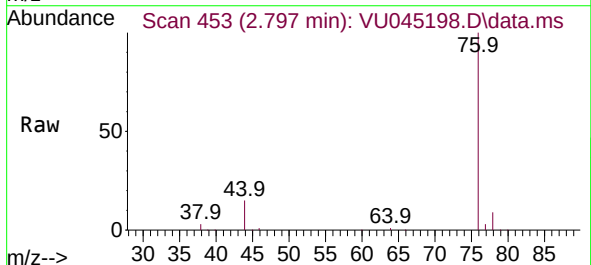
Instrument :
MSVOA_U
ClientSampled :

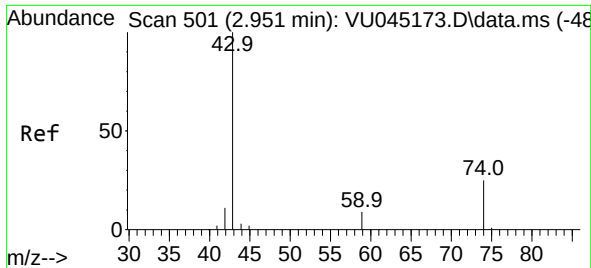
Tgt Ion: 43 Resp: 227715
Ion Ratio Lower Upper
43 100
58 32.9 0.0 62.8



#14
Carbon disulfide
Concen: 41.507 ug/L
RT: 2.797 min Scan# 453
Delta R.T. 0.000 min
Lab File: VU045198.D
Acq: 07 Oct 2021 09:33

Tgt Ion: 76 Resp: 322274
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

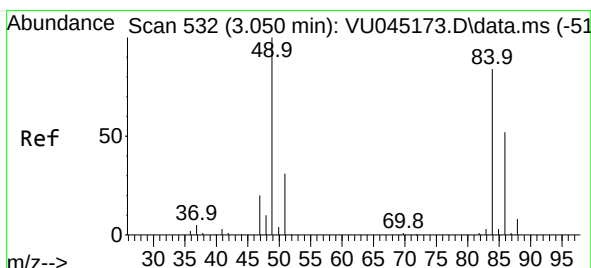
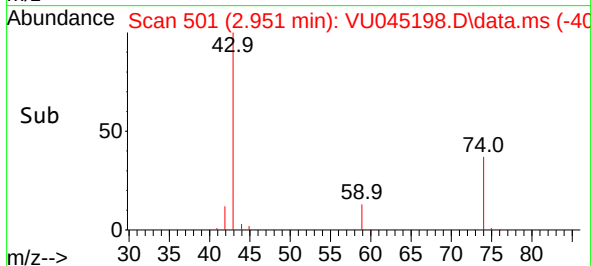
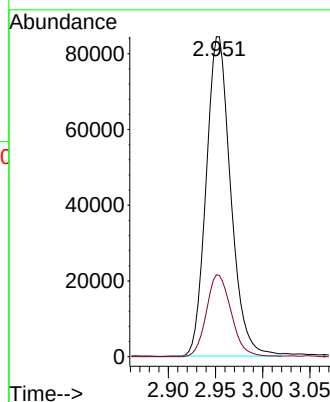
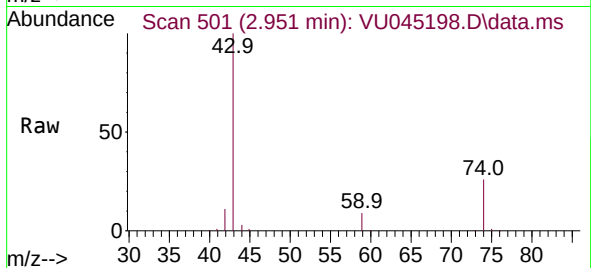




#15
Methyl Acetate
Concen: 39.398 ug/L
RT: 2.951 min Scan# 501
Delta R.T. 0.000 min
Lab File: VU045198.D
Acq: 07 Oct 2021 09:33

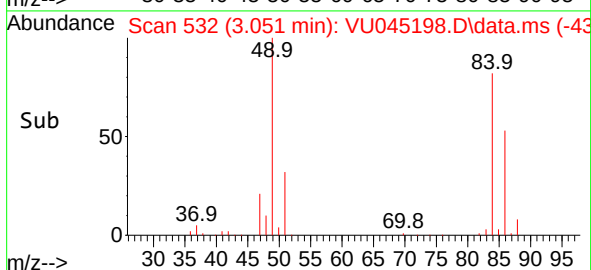
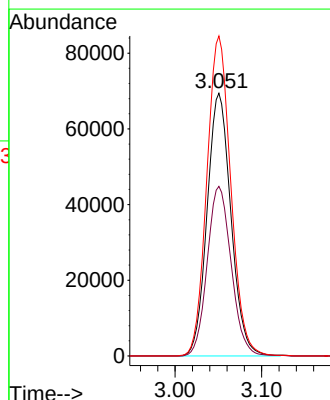
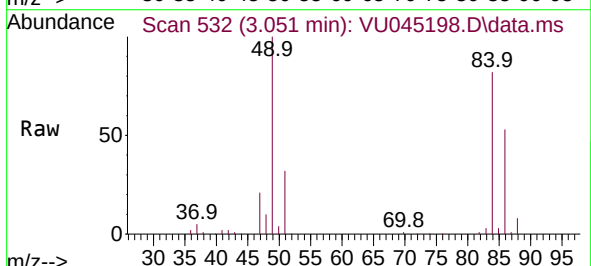
Instrument :
MSVOA_U
ClientSampled :

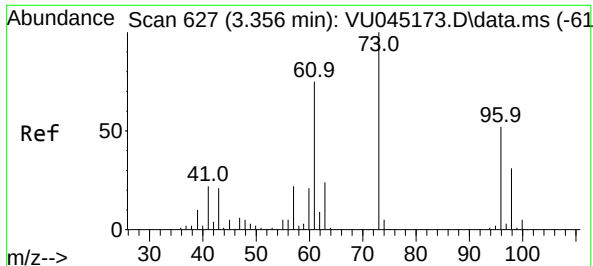
Tgt Ion: 43 Resp: 152133
Ion Ratio Lower Upper
43 100
74 26.0 18.4 27.6



#16
Methylene chloride
Concen: 43.321 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU045198.D
Acq: 07 Oct 2021 09:33

Tgt Ion: 84 Resp: 133013
Ion Ratio Lower Upper
84 100
86 64.6 44.7 83.1
49 121.8 92.9 172.5



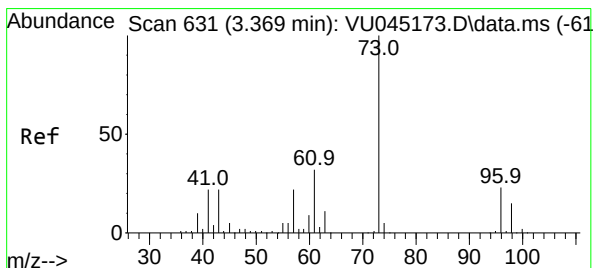
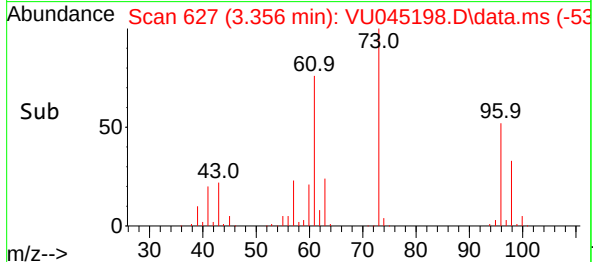
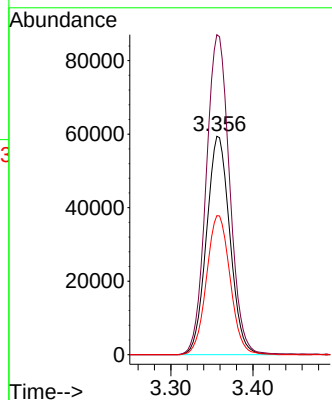
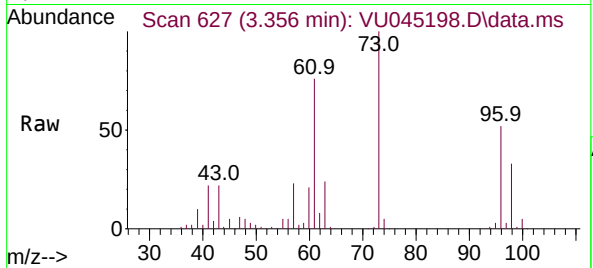


#17
 trans-1,2-Dichloroethene
 Concen: 46.117 ug/L
 RT: 3.356 min Scan# 627
 Delta R.T. 0.000 min
 Lab File: VU045198.D
 Acq: 07 Oct 2021 09:33

Instrument :
 MSVOA_U
 ClientSampled :

Tgt Ion: 96 Resp: 117739

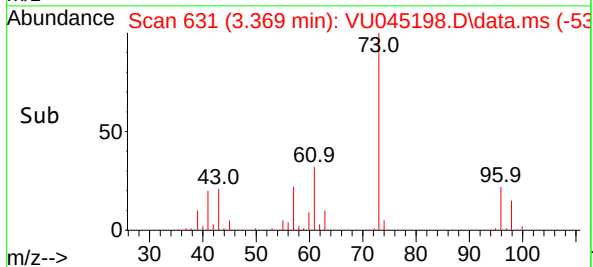
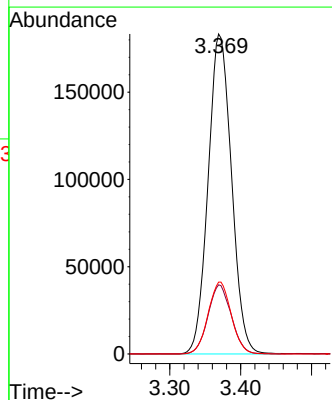
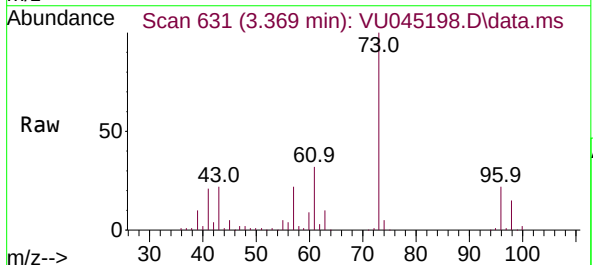
Ion	Ratio	Lower	Upper
96	100		
61	146.5	105.1	195.3
98	63.7	43.0	79.8

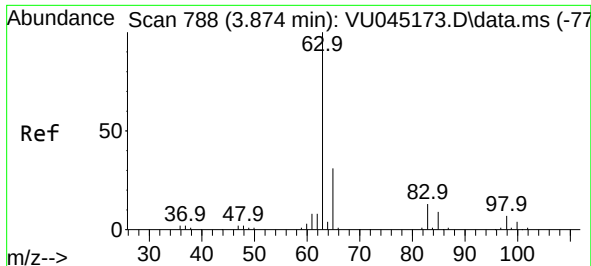


#18
 Methyl tert-butyl Ether
 Concen: 49.946 ug/L
 RT: 3.369 min Scan# 631
 Delta R.T. 0.000 min
 Lab File: VU045198.D
 Acq: 07 Oct 2021 09:33

Tgt Ion: 73 Resp: 420462

Ion	Ratio	Lower	Upper
73	100		
43	21.6	17.3	25.9
57	22.2	18.7	28.1





#19

1,1-Dichloroethane

Concen: 43.870 ug/L

RT: 3.874 min Scan# 788

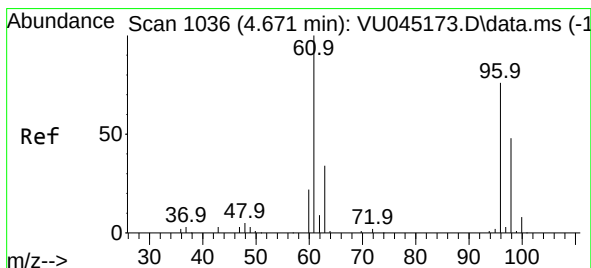
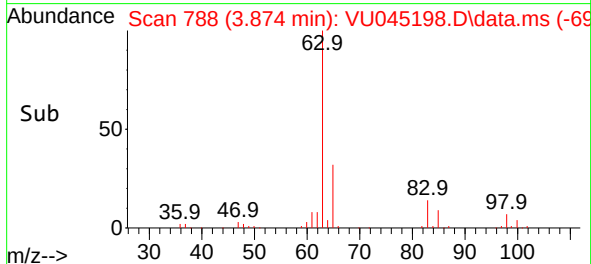
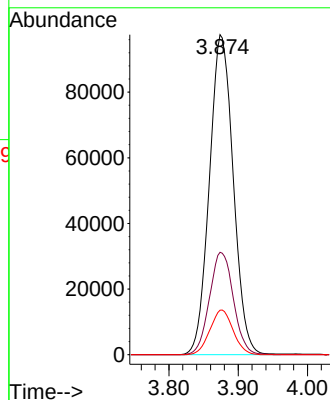
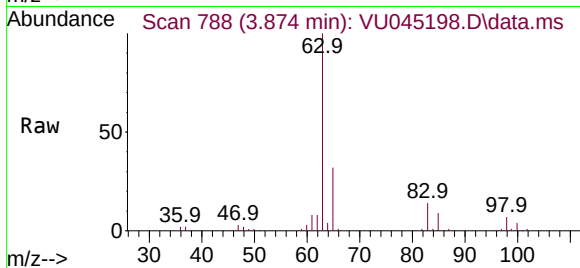
Delta R.T. 0.000 min

Lab File: VU045198.D

Acq: 07 Oct 2021 09:33

Tgt Ion: 63 Resp: 233008

Ion	Ratio	Lower	Upper
63	100		
65	32.0	22.0	40.8
83	13.9	9.0	16.6



#20

cis-1,2-Dichloroethene

Concen: 48.683 ug/L

RT: 4.671 min Scan# 1036

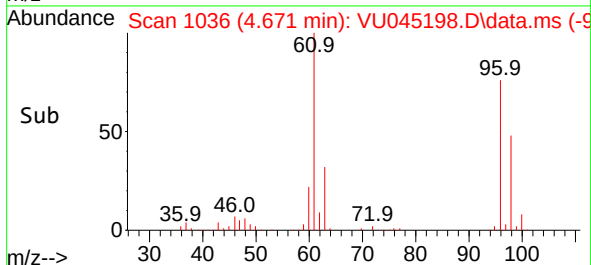
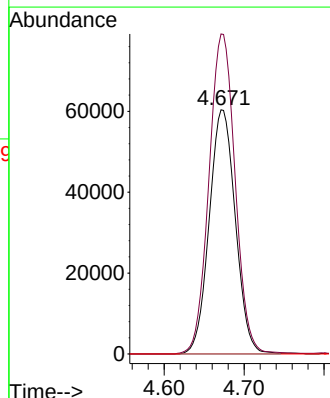
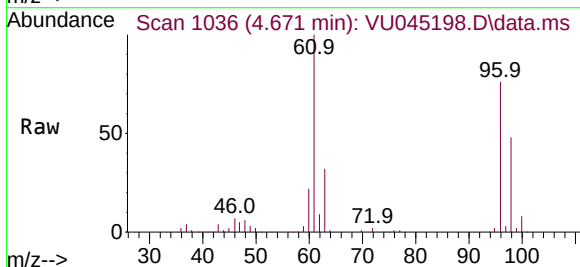
Delta R.T. 0.000 min

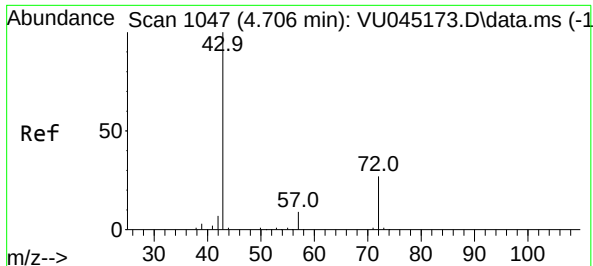
Lab File: VU045198.D

Acq: 07 Oct 2021 09:33

Tgt Ion: 96 Resp: 136958

Ion	Ratio	Lower	Upper
96	100		
61	131.0	100.2	186.0
68	0.0	0.0	0.0

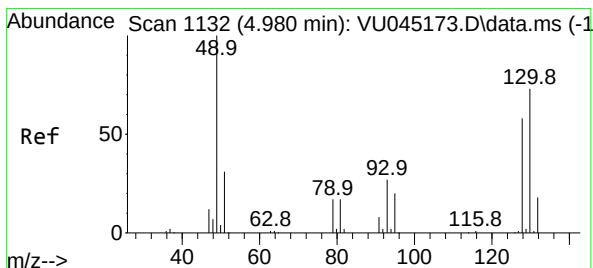
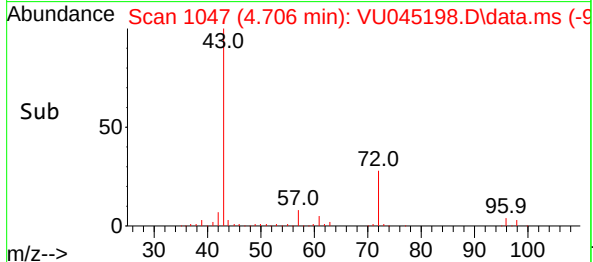
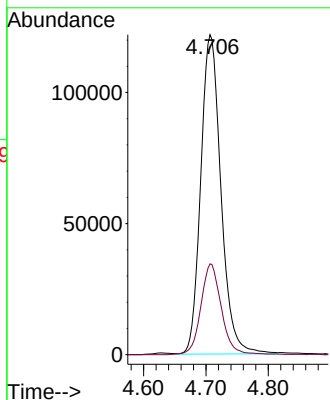
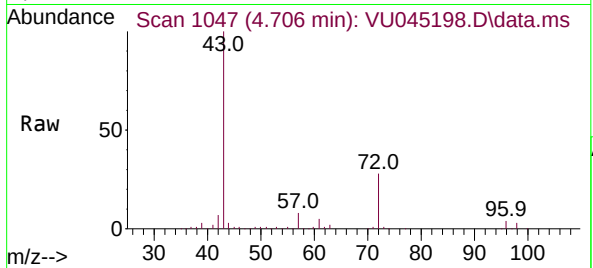




#22
2-Butanone
Concen: 78.310 ug/L
RT: 4.706 min Scan# 1047
Delta R.T. 0.000 min
Lab File: VU045198.D
Acq: 07 Oct 2021 09:33

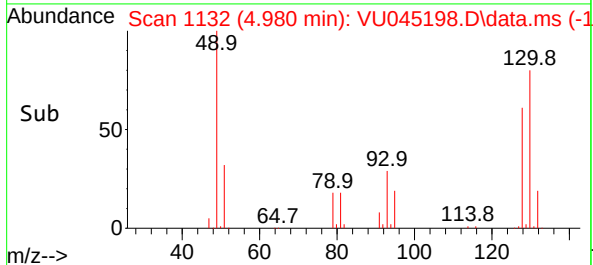
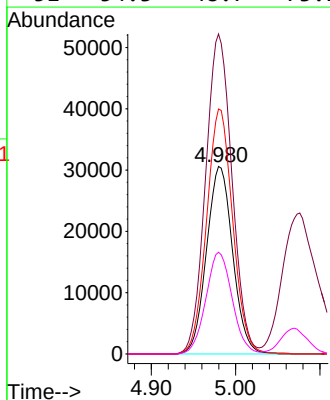
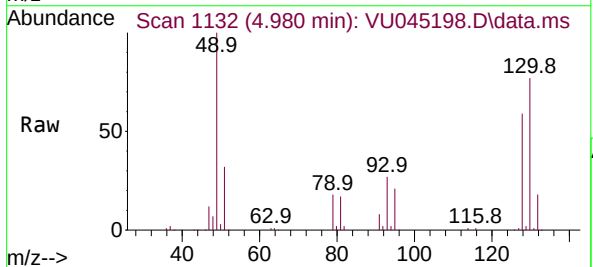
Instrument :
MSVOA_U
ClientSampled :

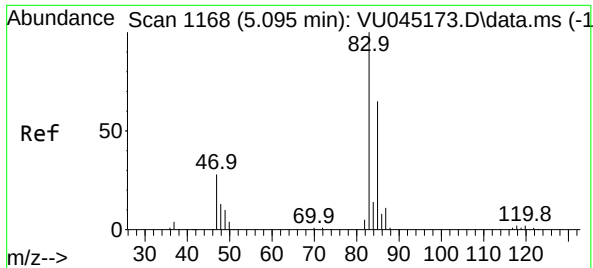
Tgt Ion: 43 Resp: 274417
Ion Ratio Lower Upper
43 100
72 28.8 13.3 39.9



#23
Bromochloromethane
Concen: 46.232 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VU045198.D
Acq: 07 Oct 2021 09:33

Tgt Ion:128 Resp: 65933
Ion Ratio Lower Upper
128 100
49 170.7 132.9 246.7
130 130.7 88.2 163.8
51 54.3 48.7 73.1

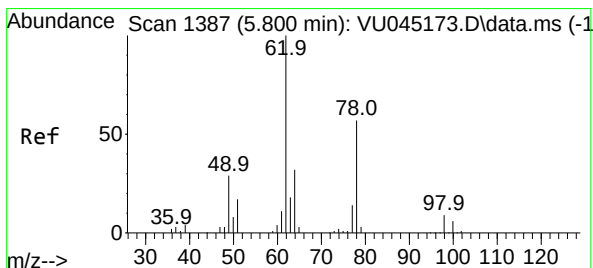
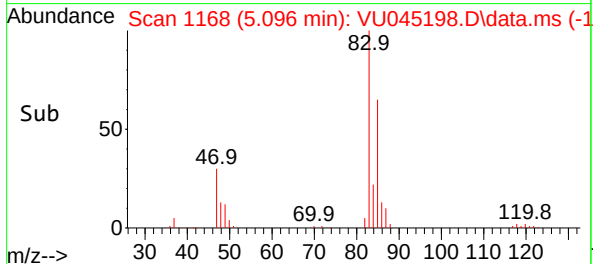
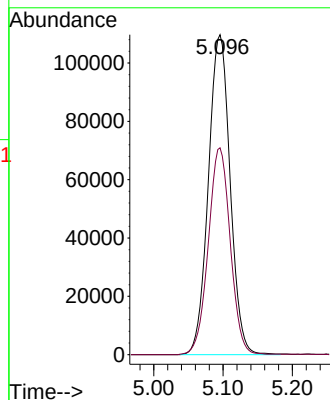
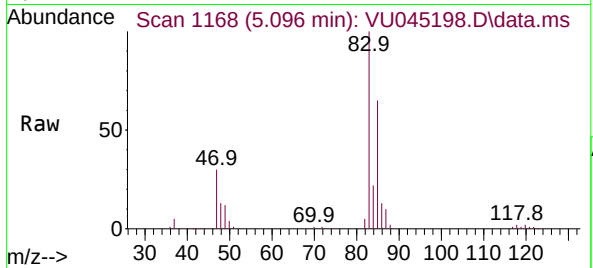




#25
Chloroform
Concen: 45.322 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VU045198.D
Acq: 07 Oct 2021 09:33

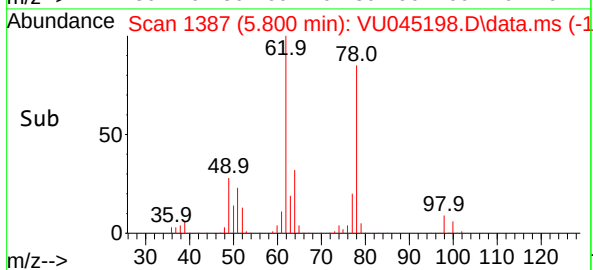
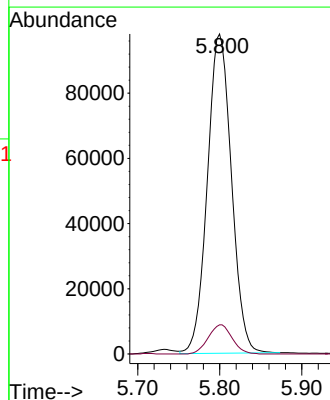
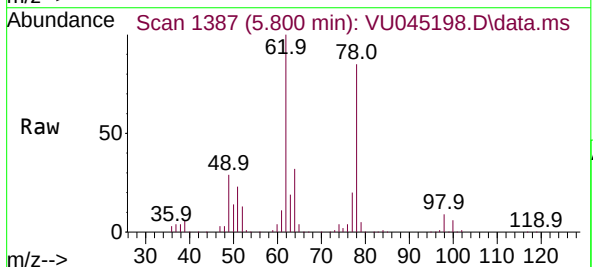
Instrument :
MSVOA_U
ClientSampleId :

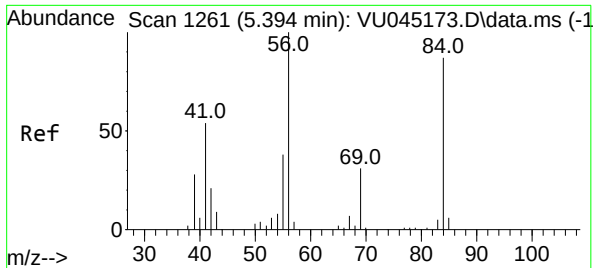
Tgt Ion: 83 Resp: 239309
Ion Ratio Lower Upper
83 100
85 64.7 45.6 84.6



#27
1,2-Dichloroethane
Concen: 45.213 ug/L
RT: 5.800 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VU045198.D
Acq: 07 Oct 2021 09:33

Tgt Ion: 62 Resp: 199676
Ion Ratio Lower Upper
62 100
98 9.1 7.1 10.7





#29

Cyclohexane

Concen: 45.995 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VU045198.D

Acq: 07 Oct 2021 09:33

Tgt Ion: 56 Resp: 210389

Ion Ratio Lower Upper

56 100

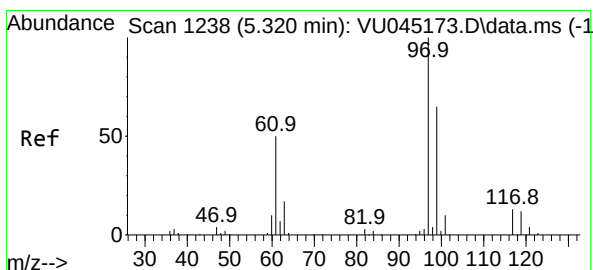
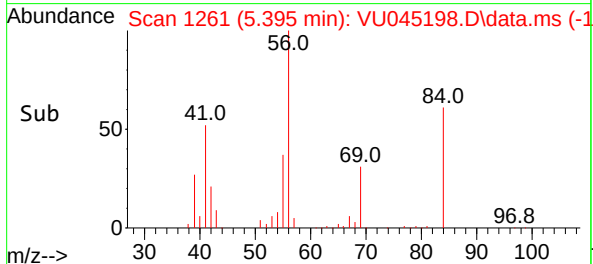
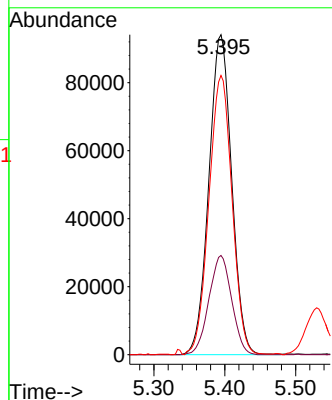
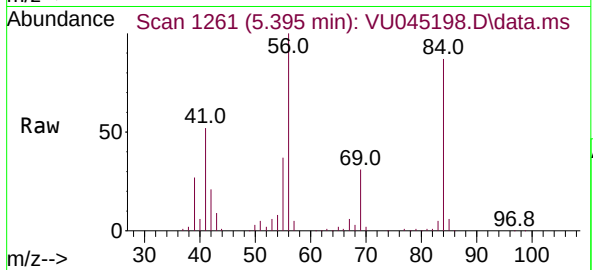
69 30.9 23.8 35.8

84 88.5 66.8 100.2

Instrument :

MSVOA_U

ClientSampleId :



#30

1,1,1-Trichloroethane

Concen: 47.580 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VU045198.D

Acq: 07 Oct 2021 09:33

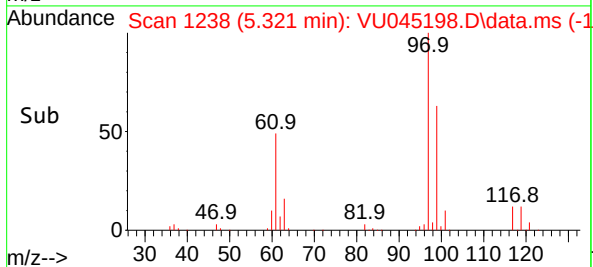
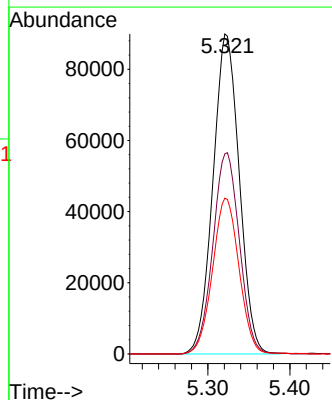
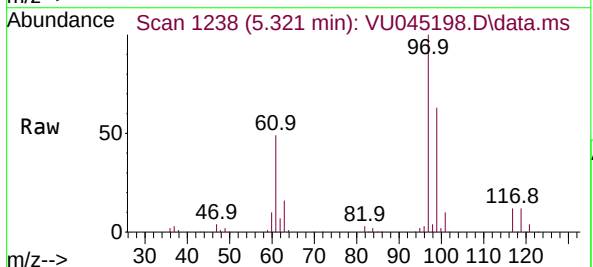
Tgt Ion: 97 Resp: 200430

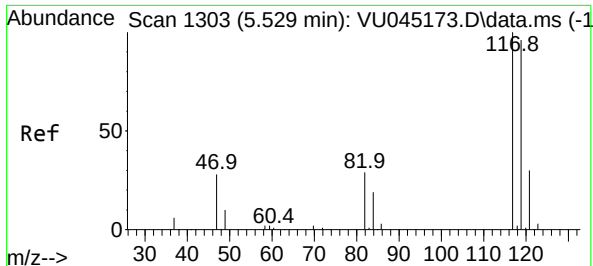
Ion Ratio Lower Upper

97 100

99 63.5 50.6 75.8

61 49.1 41.3 61.9

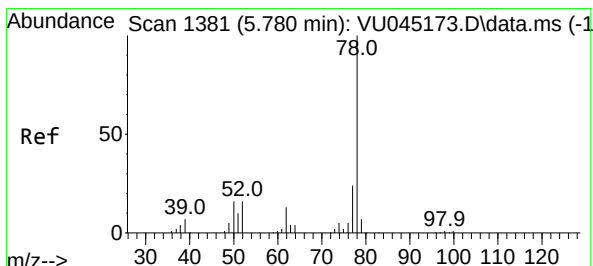
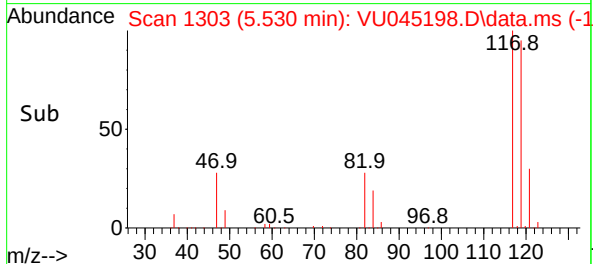
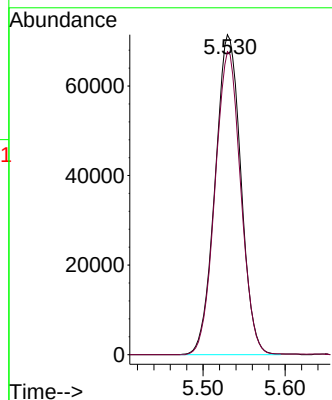
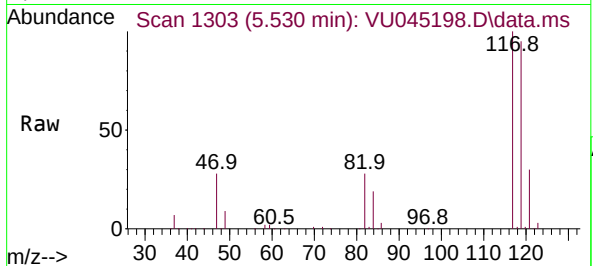




#31
Carbon tetrachloride
Concen: 46.806 ug/L
RT: 5.530 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU045198.D
Acq: 07 Oct 2021 09:33

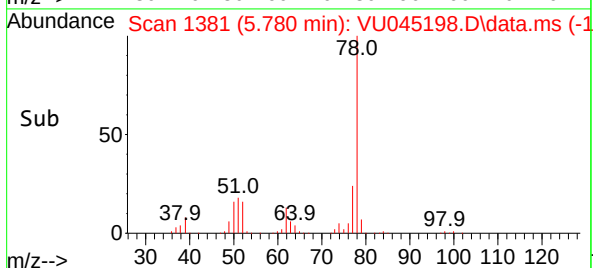
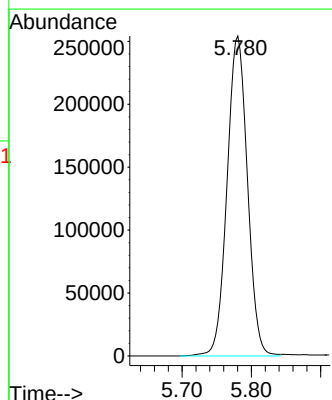
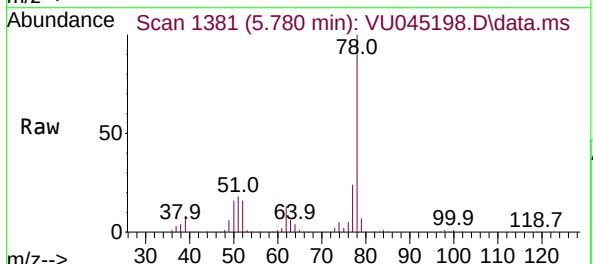
Instrument :
MSVOA_U
ClientSampled :

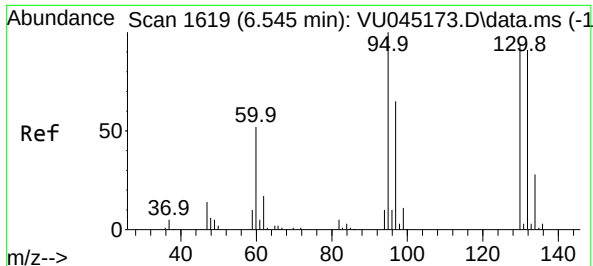
Tgt Ion:117 Resp: 155730
Ion Ratio Lower Upper
117 100
119 94.5 77.7 116.5



#33
Benzene
Concen: 45.987 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VU045198.D
Acq: 07 Oct 2021 09:33

Tgt Ion: 78 Resp: 519042





#34

Trichloroethene

Concen: 47.549 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VU045198.D

Acq: 07 Oct 2021 09:33

Tgt Ion: 95 Resp: 128903

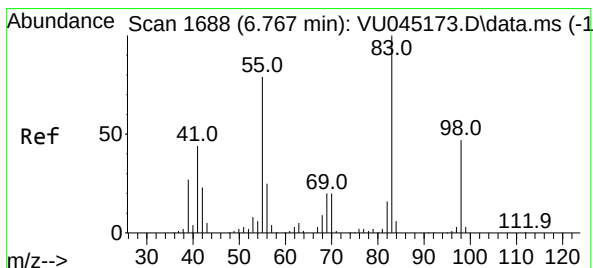
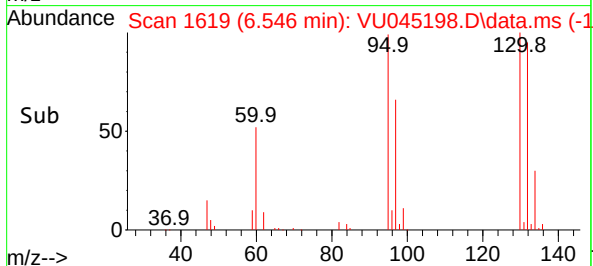
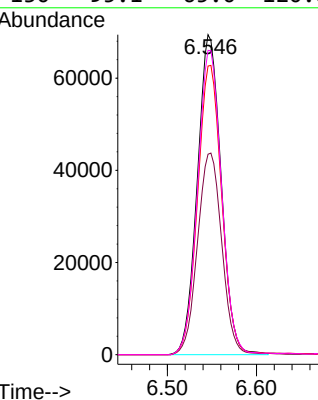
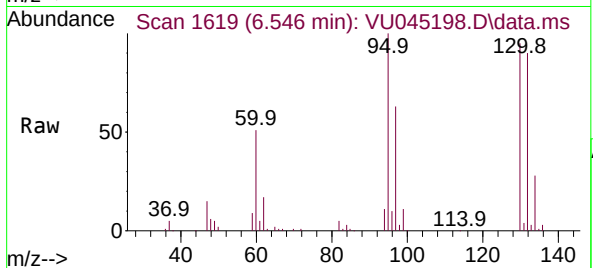
Ion Ratio Lower Upper

95 100

97 62.6 44.4 82.4

132 90.2 62.9 116.9

130 95.1 65.0 120.8



#35

Methylcyclohexane

Concen: 47.424 ug/L

RT: 6.767 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VU045198.D

Acq: 07 Oct 2021 09:33

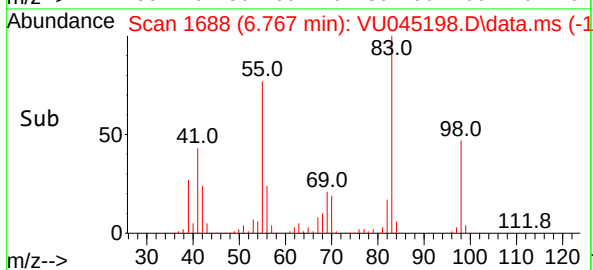
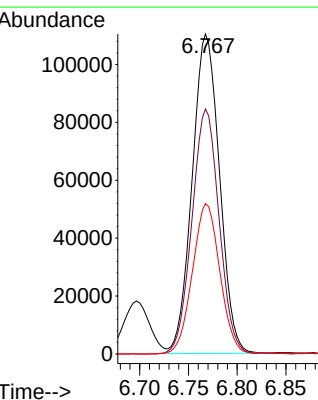
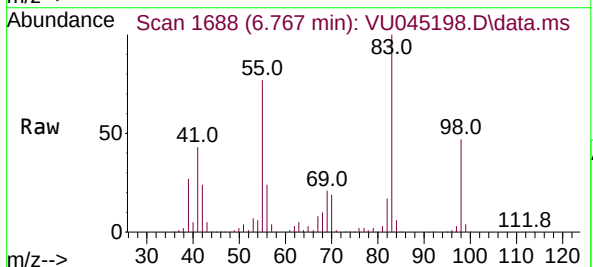
Tgt Ion: 83 Resp: 215244

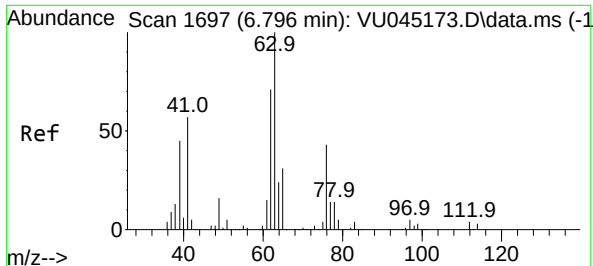
Ion Ratio Lower Upper

83 100

55 76.3 65.8 98.6

98 47.3 37.1 55.7

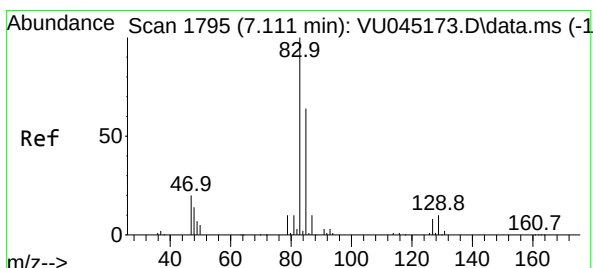
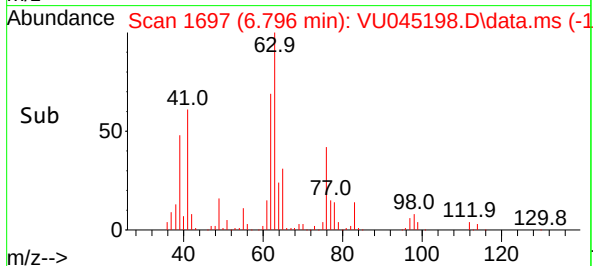
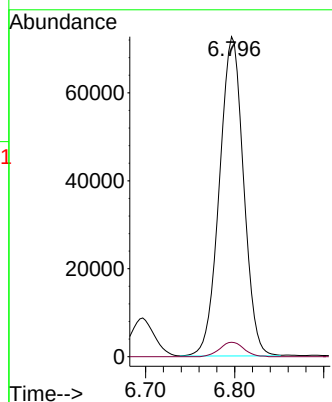
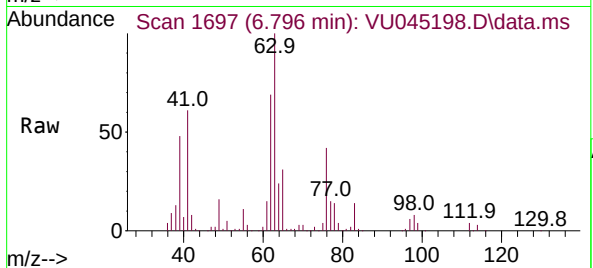




#37
1,2-Dichloropropane
Concen: 44.560 ug/L
RT: 6.796 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VU045198.D
Acq: 07 Oct 2021 09:33

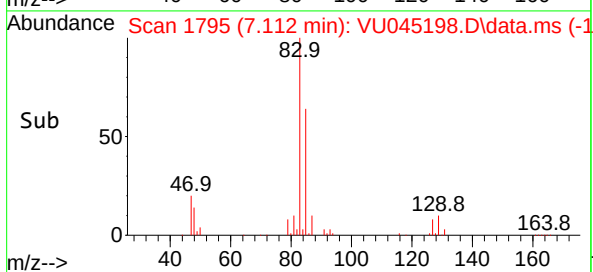
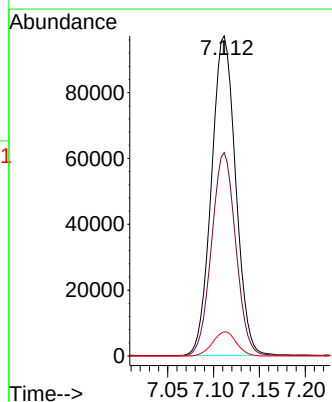
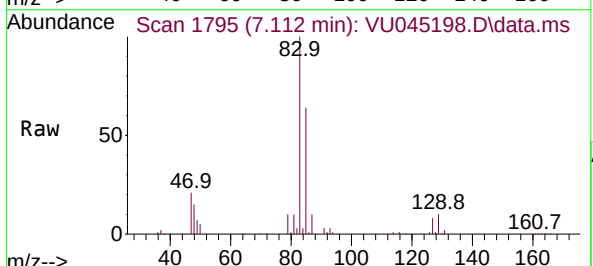
Instrument :
MSVOA_U
ClientSampleId :

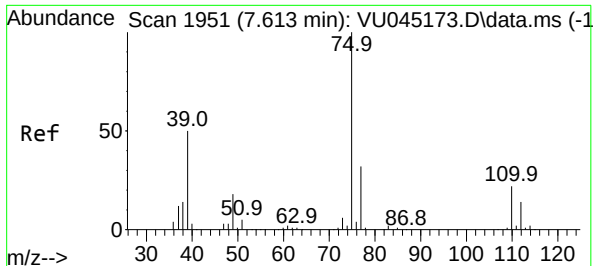
Tgt Ion: 63 Resp: 136935
Ion Ratio Lower Upper
63 100
112 4.6 3.2 4.8



#38
Bromodichloromethane
Concen: 47.317 ug/L
RT: 7.112 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VU045198.D
Acq: 07 Oct 2021 09:33

Tgt Ion: 83 Resp: 178238
Ion Ratio Lower Upper
83 100
85 63.6 44.6 82.8
127 7.5 6.2 9.2



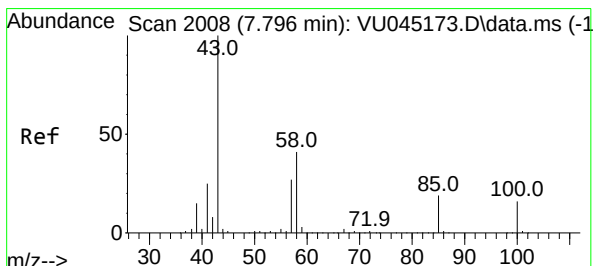
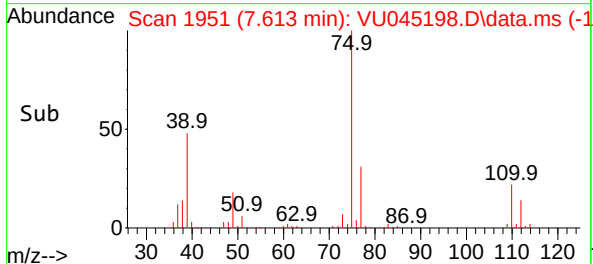
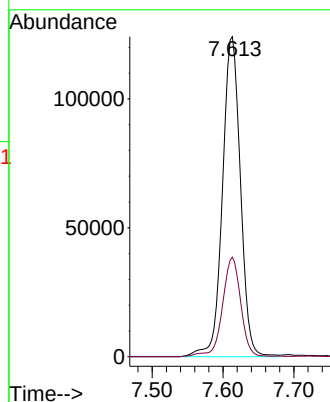
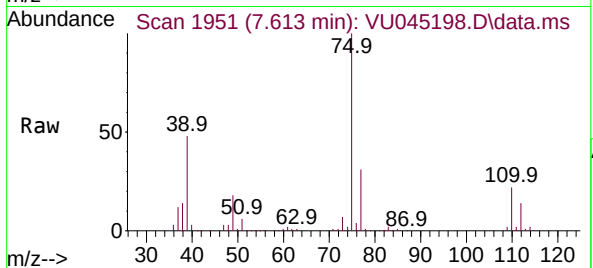


#39

cis-1,3-Dichloropropene
Concen: 49.816 ug/L
RT: 7.613 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VU045198.D
Acq: 07 Oct 2021 09:33

Instrument :
MSVOA_U
ClientSampled :

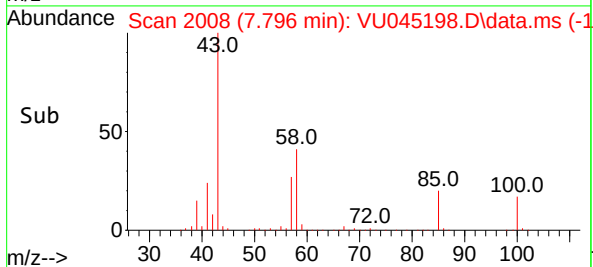
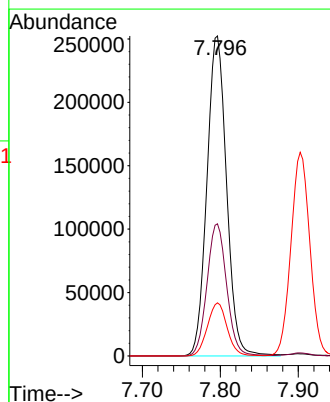
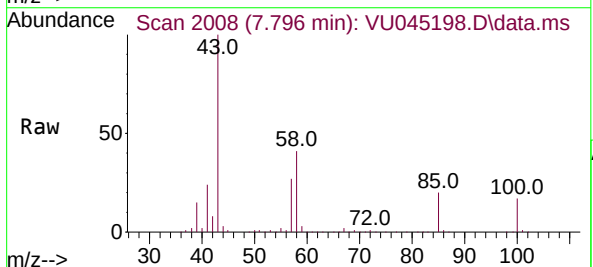
Tgt Ion: 75 Resp: 219041
Ion Ratio Lower Upper
75 100
77 31.1 22.4 41.6

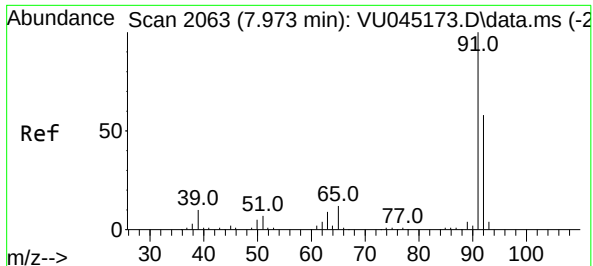


#40

4-Methyl-2-pentanone
Concen: 85.970 ug/L
RT: 7.796 min Scan# 2008
Delta R.T. 0.000 min
Lab File: VU045198.D
Acq: 07 Oct 2021 09:33

Tgt Ion: 43 Resp: 441322
Ion Ratio Lower Upper
43 100
58 41.5 31.8 47.8
100 16.7 11.8 17.6

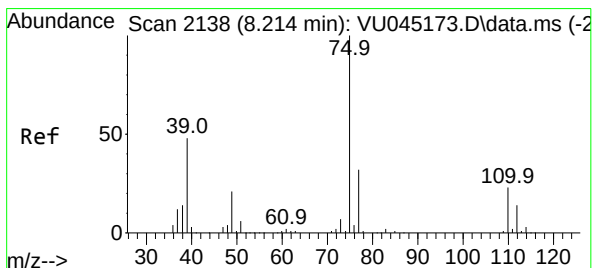
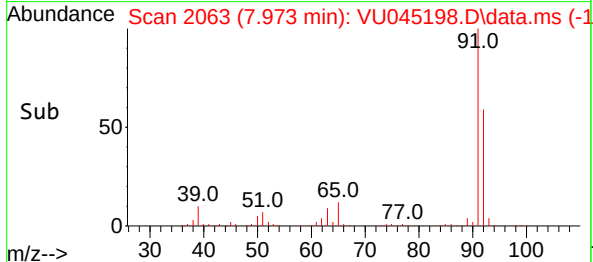
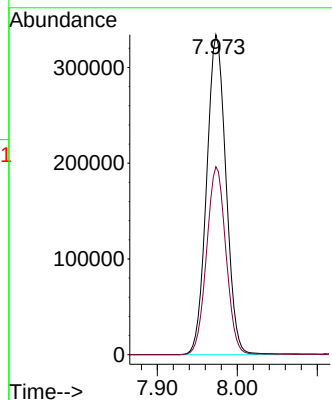
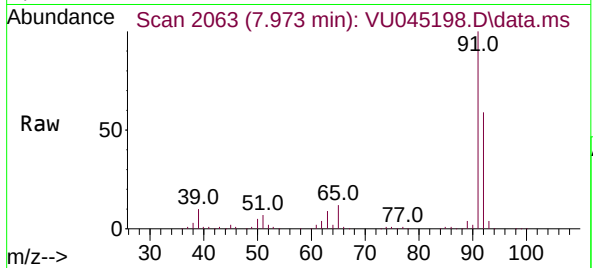




#42
Toluene
Concen: 49.041 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045198.D
Acq: 07 Oct 2021 09:33

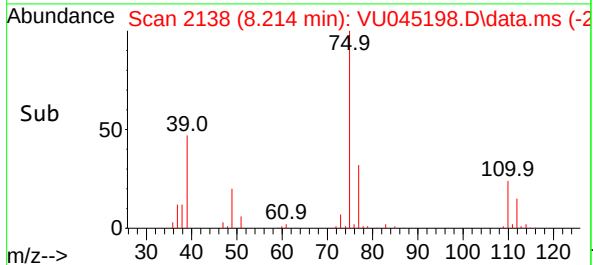
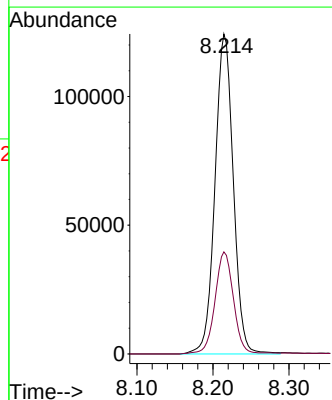
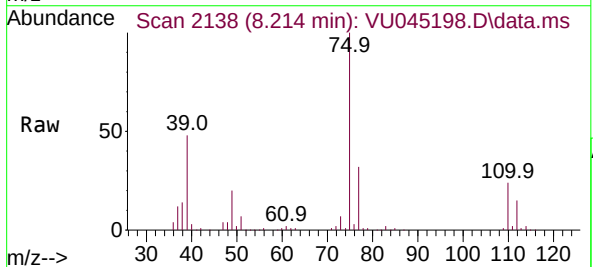
Instrument :
MSVOA_U
ClientSampled :

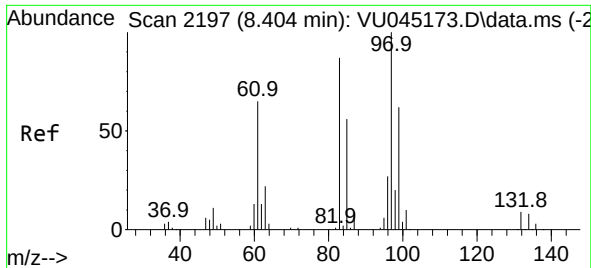
Tgt Ion: 91 Resp: 562391
Ion Ratio Lower Upper
91 100
92 58.8 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 49.737 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. 0.000 min
Lab File: VU045198.D
Acq: 07 Oct 2021 09:33

Tgt Ion: 75 Resp: 207948
Ion Ratio Lower Upper
75 100
77 31.9 21.7 40.3



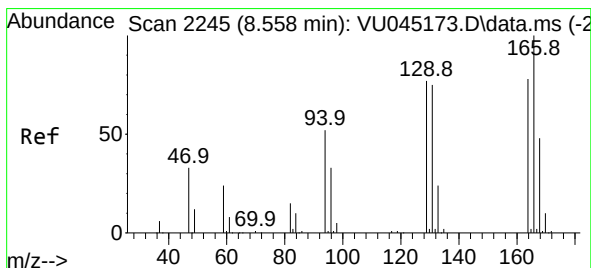
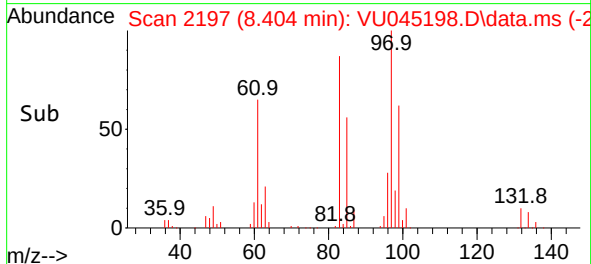
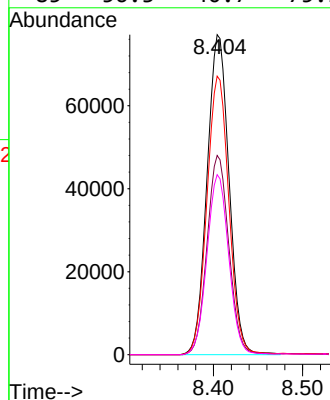
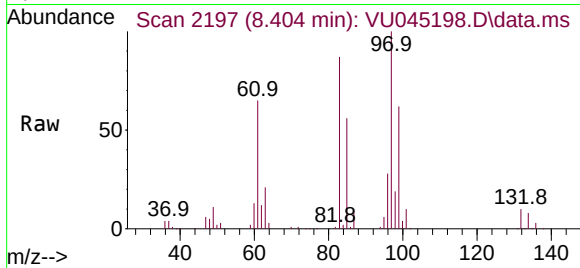


#45
1,1,2-Trichloroethane
Concen: 47.463 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU045198.D
Acq: 07 Oct 2021 09:33

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 132182

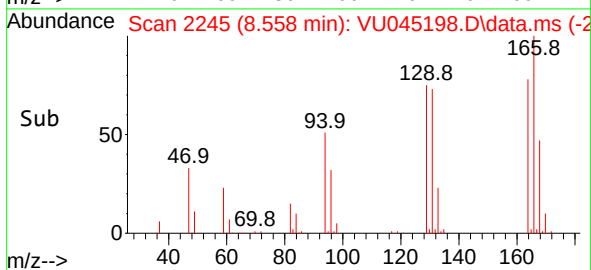
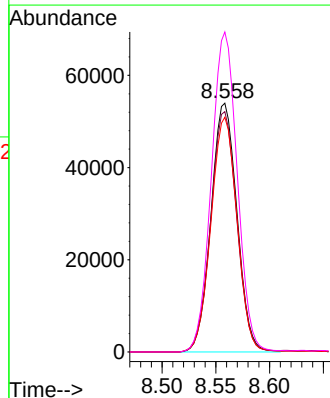
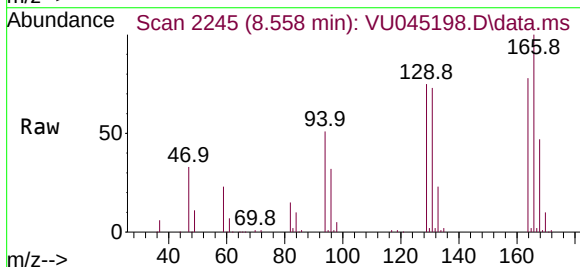
Ion	Ratio	Lower	Upper
97	100		
99	62.3	43.7	81.1
83	87.0	61.9	115.1
85	56.3	40.7	75.5

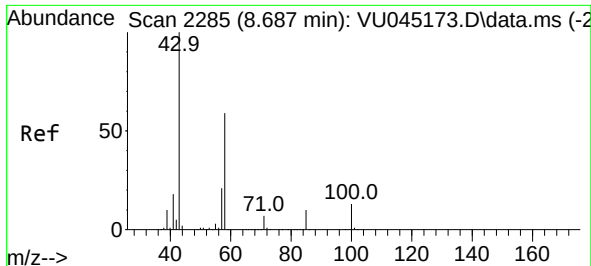


#46
Tetrachloroethene
Concen: 46.764 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU045198.D
Acq: 07 Oct 2021 09:33

Tgt Ion: 164 Resp: 90615

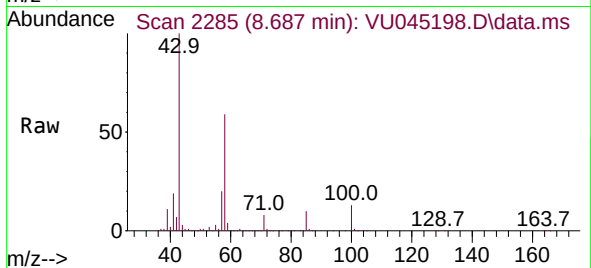
Ion	Ratio	Lower	Upper
164	100		
129	96.6	69.8	129.6
131	94.3	66.4	123.2
166	128.6	91.1	169.3



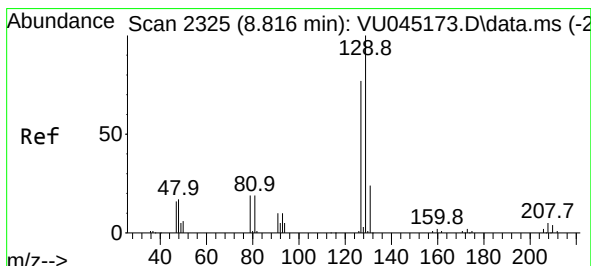
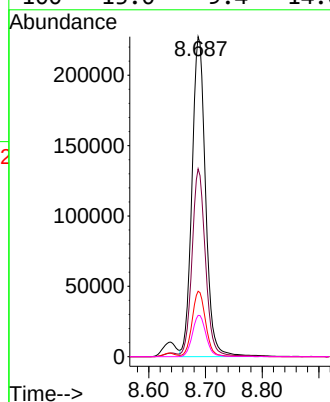
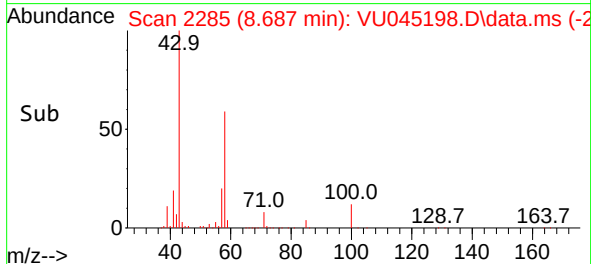


#48
2-Hexanone
Concen: 83.080 ug/L
RT: 8.687 min Scan# 2285
Delta R.T. 0.000 min
Lab File: VU045198.D
Acq: 07 Oct 2021 09:33

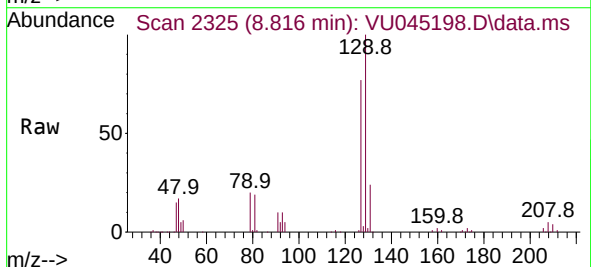
Instrument :
MSVOA_U
ClientSampled :



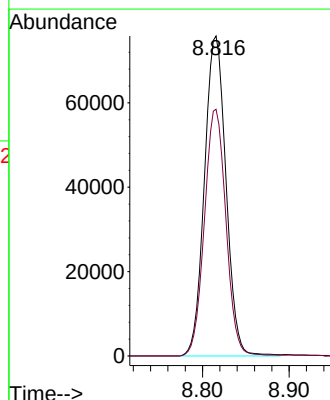
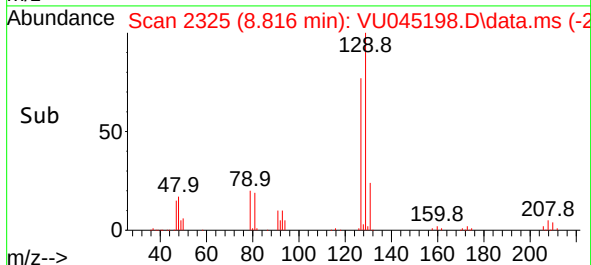
Tgt Ion: 43 Resp: 378195
Ion Ratio Lower Upper
43 100
58 57.0 44.9 67.3
57 20.1 15.5 23.3
100 13.0 9.4 14.0

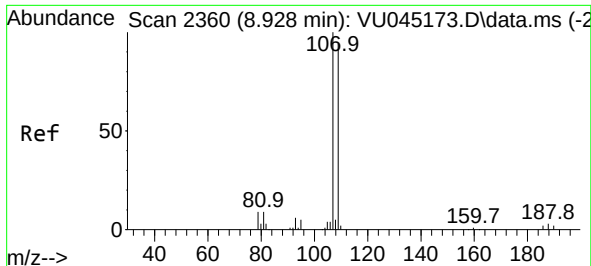


#49
Dibromochloromethane
Concen: 47.603 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. 0.000 min
Lab File: VU045198.D
Acq: 07 Oct 2021 09:33



Tgt Ion: 129 Resp: 131112
Ion Ratio Lower Upper
129 100
127 77.1 54.3 100.8

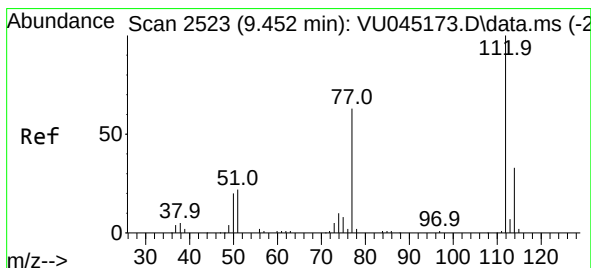
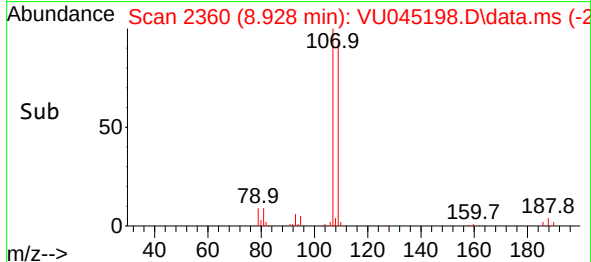
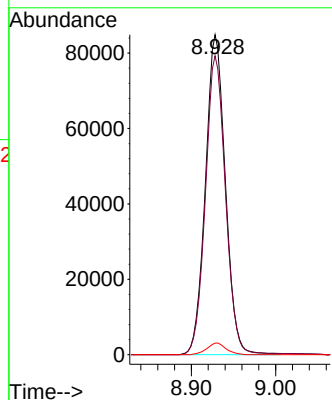
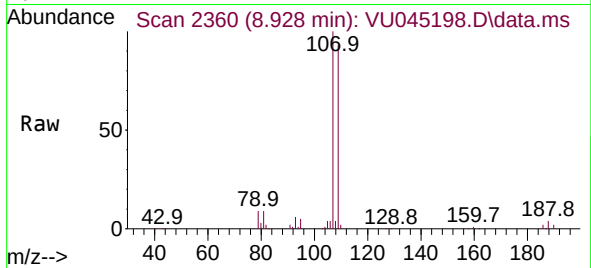




#50
1,2-Dibromoethane
Concen: 48.041 ug/L
RT: 8.928 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VU045198.D
Acq: 07 Oct 2021 09:33

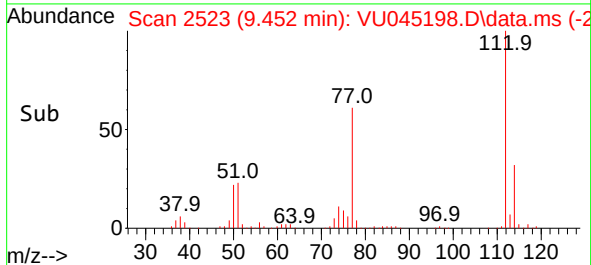
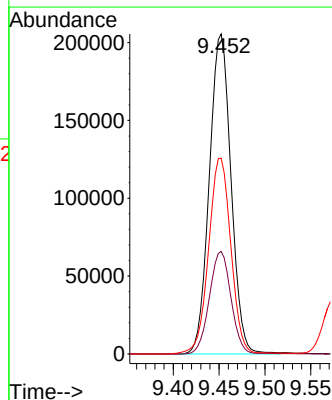
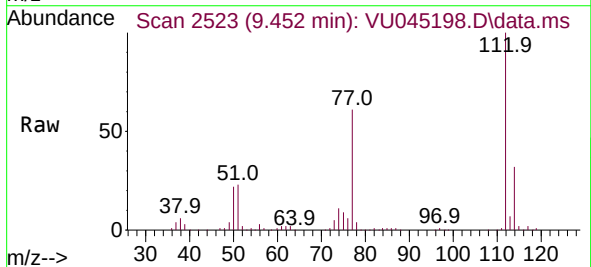
Instrument :
MSVOA_U
ClientSampleId :

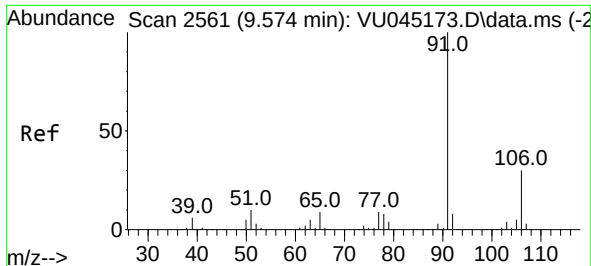
Tgt Ion:107 Resp: 140080
Ion Ratio Lower Upper
107 100
109 93.4 65.5 121.6
188 3.6 2.6 3.8



#51
Chlorobenzene
Concen: 47.786 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. 0.000 min
Lab File: VU045198.D
Acq: 07 Oct 2021 09:33

Tgt Ion:112 Resp: 338312
Ion Ratio Lower Upper
112 100
114 32.1 22.5 41.9
77 61.2 50.6 75.8

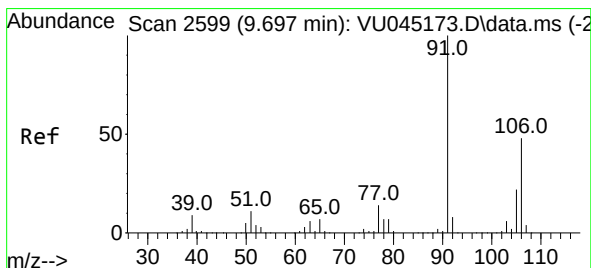
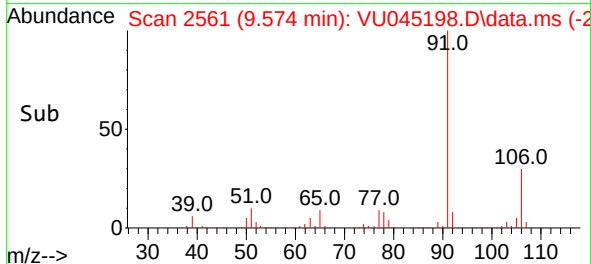
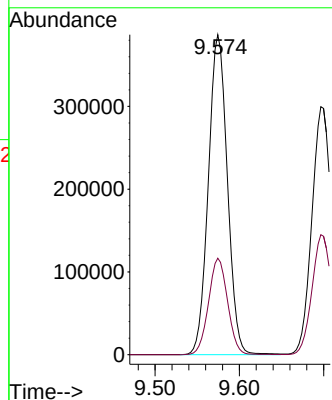
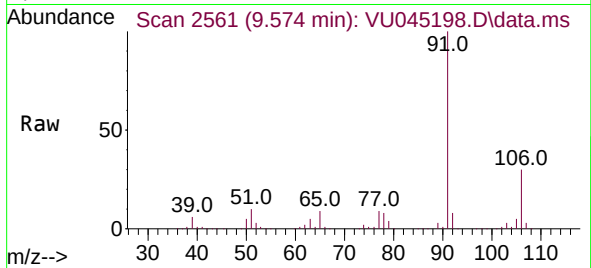




#52
Ethylbenzene
Concen: 50.115 ug/L
RT: 9.574 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU045198.D
Acq: 07 Oct 2021 09:33

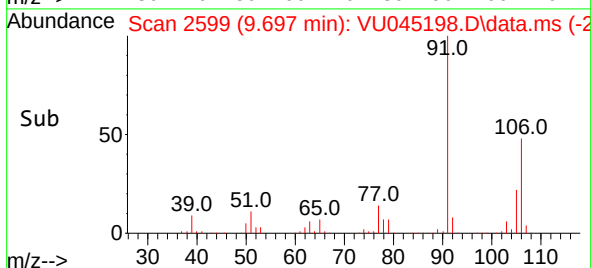
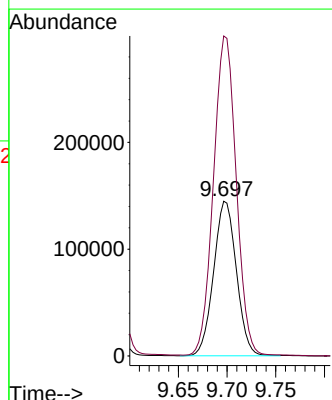
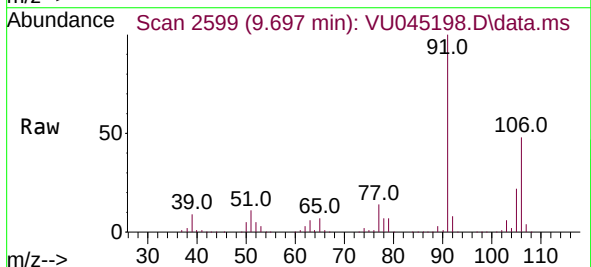
Instrument :
MSVOA_U
ClientSampled :

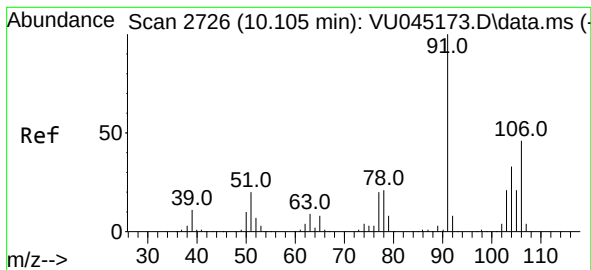
Tgt Ion: 91 Resp: 607121
Ion Ratio Lower Upper
91 100
106 30.1 21.2 39.4



#53
m,p-Xylene
Concen: 51.185 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU045198.D
Acq: 07 Oct 2021 09:33

Tgt Ion: 106 Resp: 234906
Ion Ratio Lower Upper
106 100
91 206.7 146.7 272.4

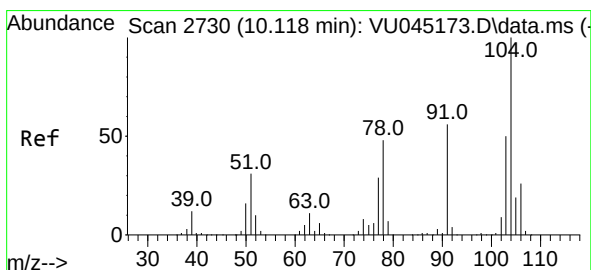
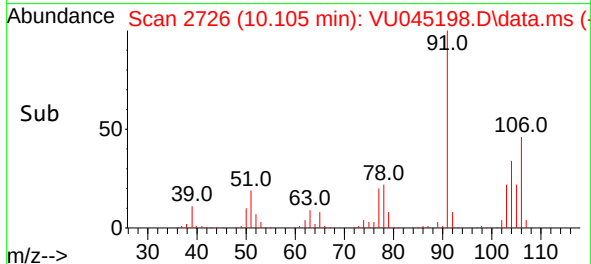
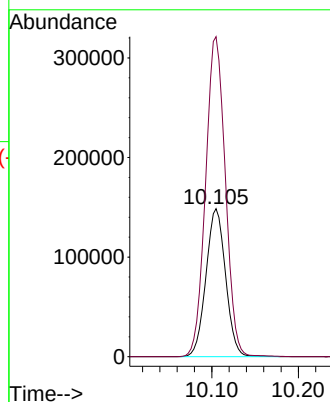
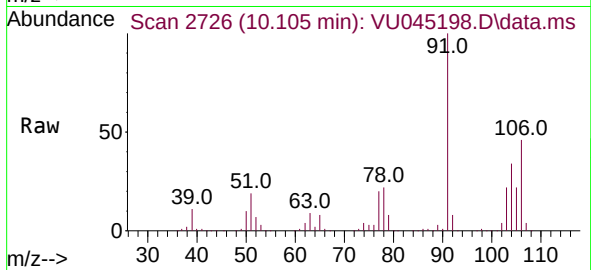




#54
o-xylene
Concen: 51.900 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. 0.000 min
Lab File: VU045198.D
Acq: 07 Oct 2021 09:33

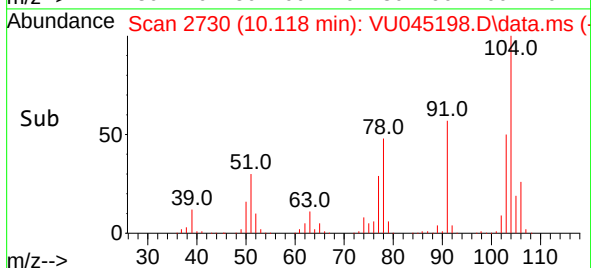
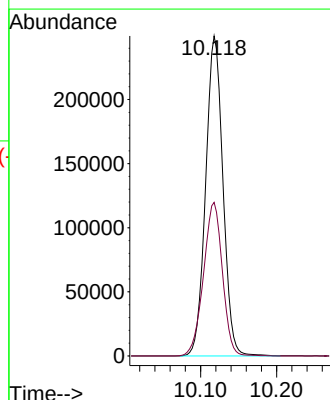
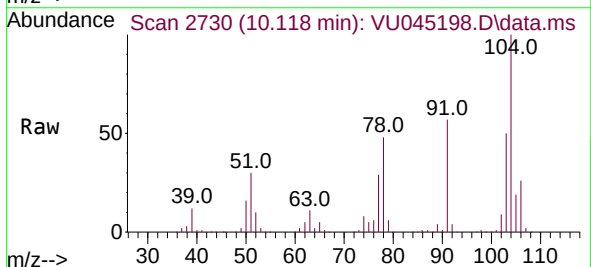
Instrument :
MSVOA_U
ClientSampleId :

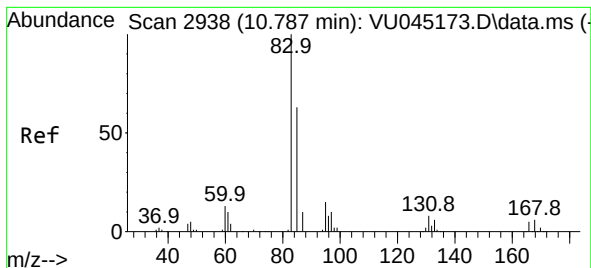
Tgt Ion:106 Resp: 234054
Ion Ratio Lower Upper
106 100
91 216.1 152.9 283.9



#55
Styrene
Concen: 50.852 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VU045198.D
Acq: 07 Oct 2021 09:33

Tgt Ion:104 Resp: 394377
Ion Ratio Lower Upper
104 100
78 48.0 33.3 61.9

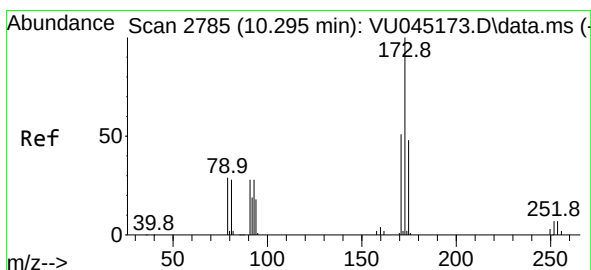
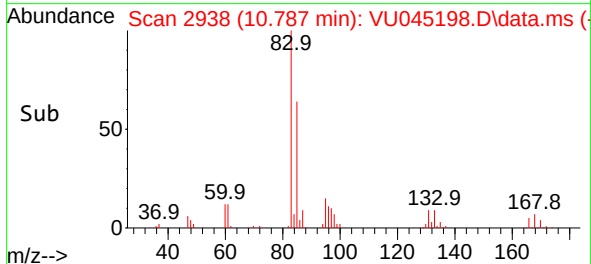
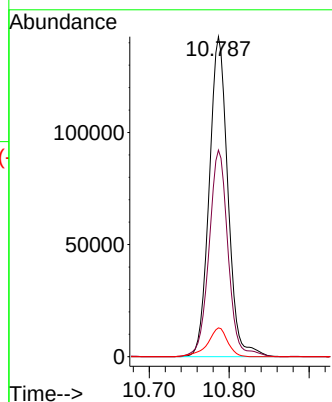
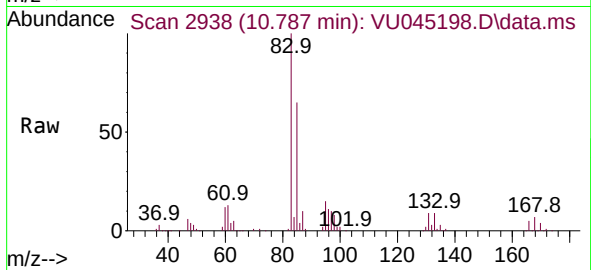




#57
1,1,2,2-Tetrachloroethane
Concen: 43.367 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. 0.000 min
Lab File: VU045198.D
Acq: 07 Oct 2021 09:33

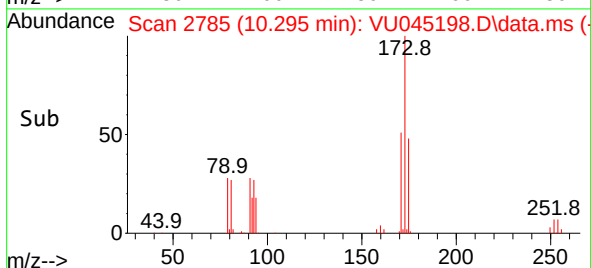
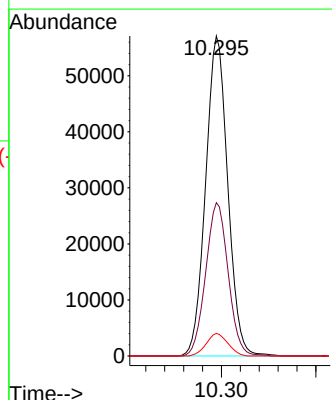
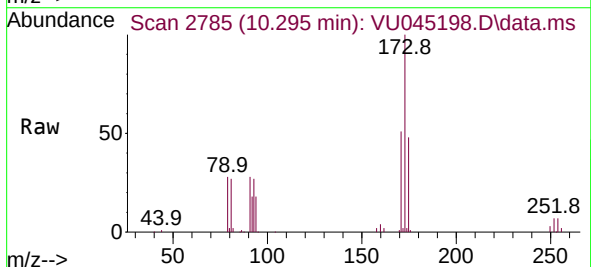
Instrument :
MSVOA_U
ClientSampleId :

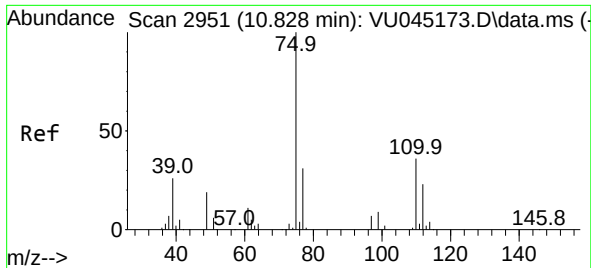
Tgt Ion: 83 Resp: 231249
Ion Ratio Lower Upper
83 100
85 64.5 45.1 83.7
131 9.0 6.9 10.3



#59
Bromoform
Concen: 49.656 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. 0.000 min
Lab File: VU045198.D
Acq: 07 Oct 2021 09:33

Tgt Ion:173 Resp: 92676
Ion Ratio Lower Upper
173 100
175 48.6 38.4 57.6
254 6.9 5.3 7.9

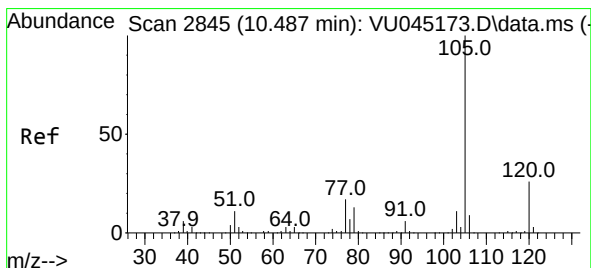
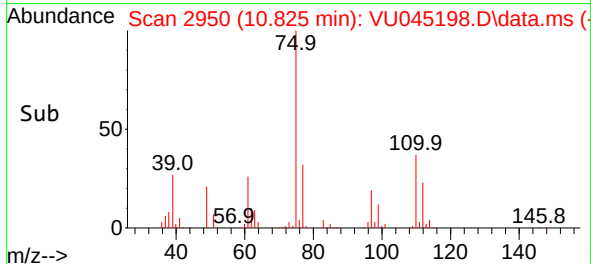
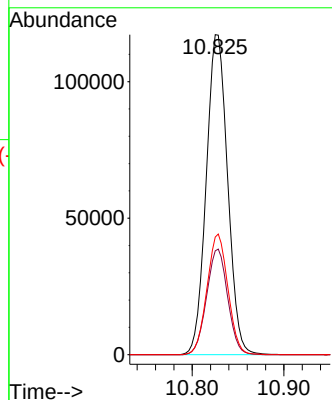
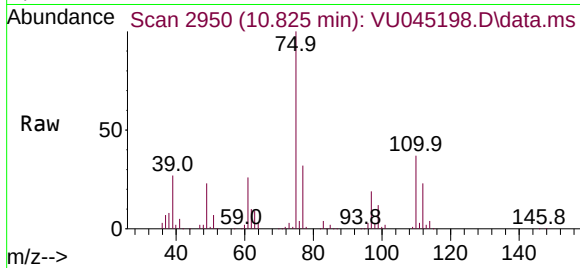




#60
1,2,3-Trichloropropane
Concen: 45.616 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU045198.D
Acq: 07 Oct 2021 09:33

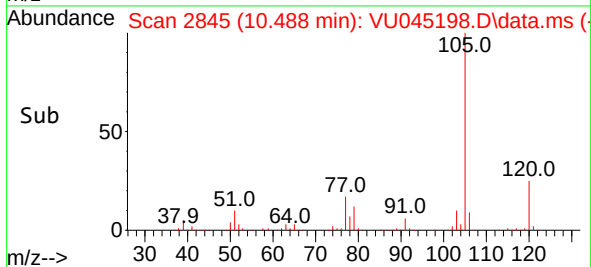
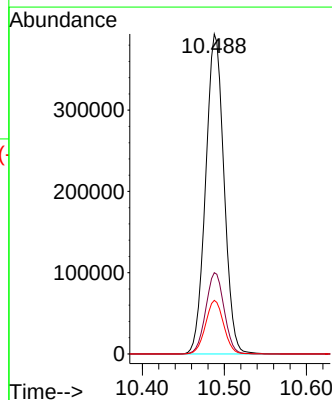
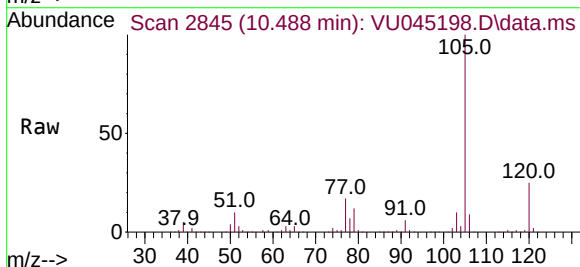
Instrument :
MSVOA_U
ClientSampled :

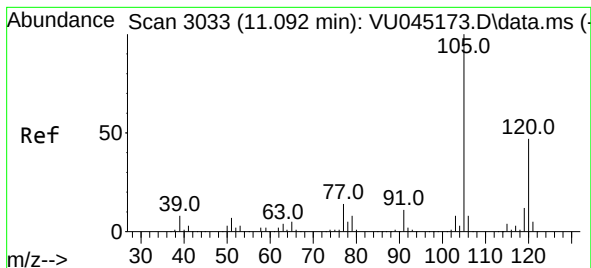
Tgt Ion: 75 Resp: 189863
Ion Ratio Lower Upper
75 100
77 32.5 25.5 38.3
110 36.9 29.0 43.4



#61
Isopropylbenzene
Concen: 55.395 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU045198.D
Acq: 07 Oct 2021 09:33

Tgt Ion: 105 Resp: 610084
Ion Ratio Lower Upper
105 100
120 25.5 20.5 30.7
77 16.6 13.5 20.3

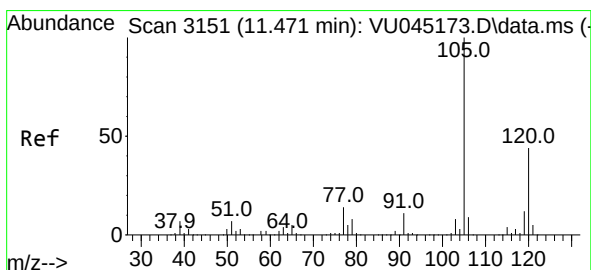
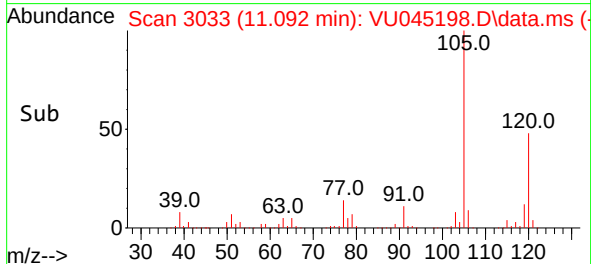
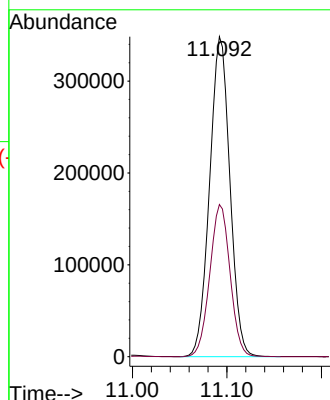
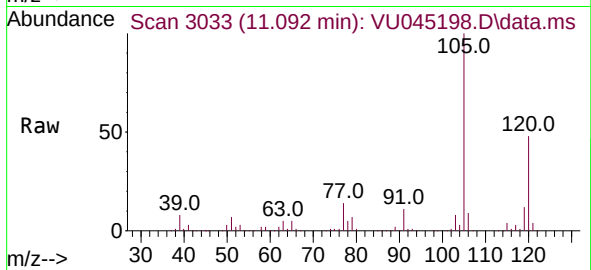




#62
1,3,5-Trimethylbenzene
Concen: 56.483 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU045198.D
Acq: 07 Oct 2021 09:33

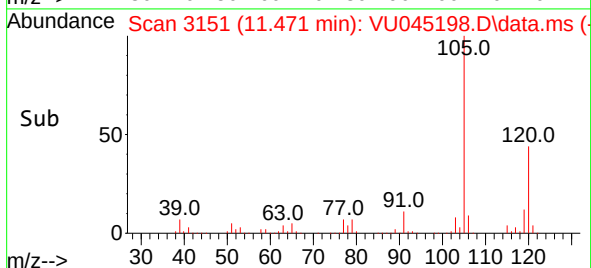
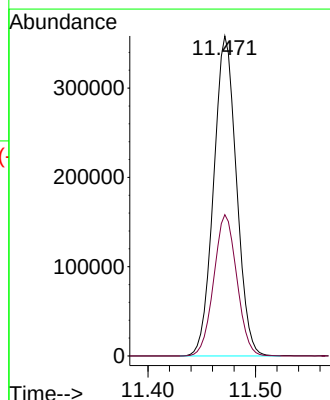
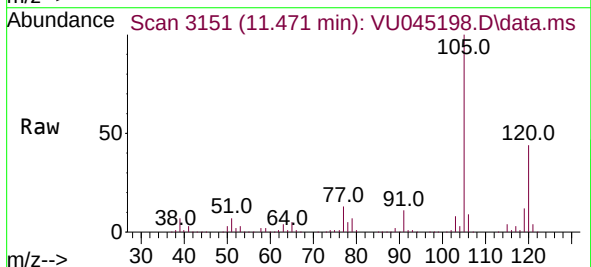
Instrument :
MSVOA_U
ClientSampled :

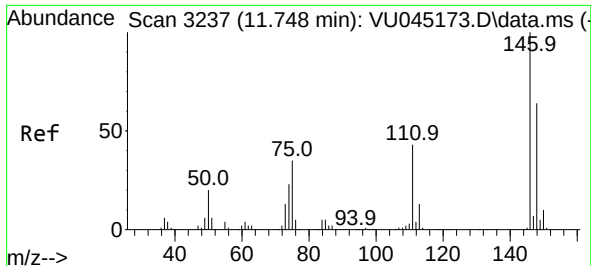
Tgt Ion:105 Resp: 519509
Ion Ratio Lower Upper
105 100
120 47.5 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 56.093 ug/L
RT: 11.471 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU045198.D
Acq: 07 Oct 2021 09:33

Tgt Ion:105 Resp: 528306
Ion Ratio Lower Upper
105 100
120 44.6 35.7 53.5

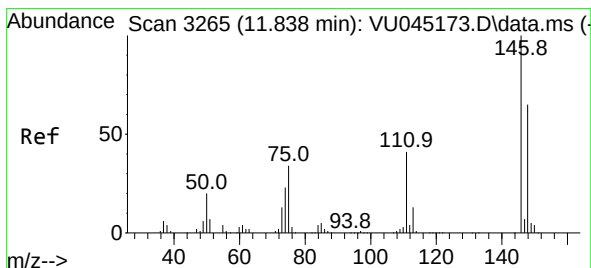
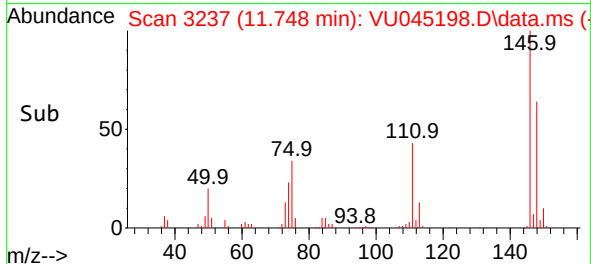
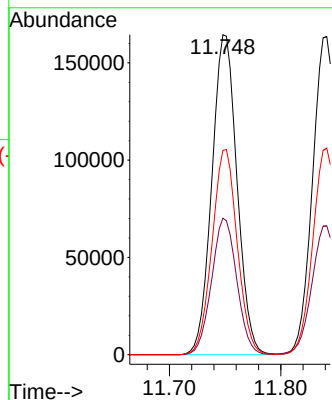
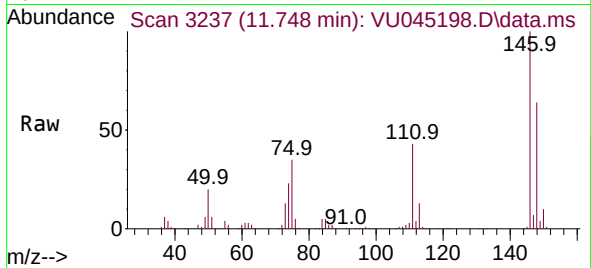




#64
1,3-Dichlorobenzene
Concen: 50.754 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU045198.D
Acq: 07 Oct 2021 09:33

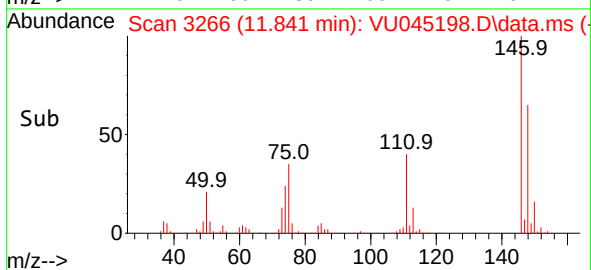
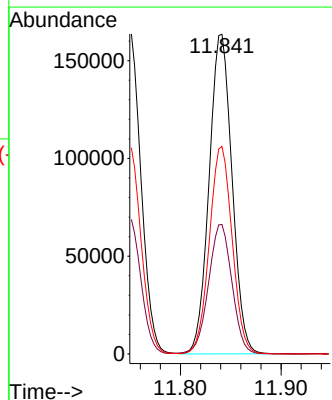
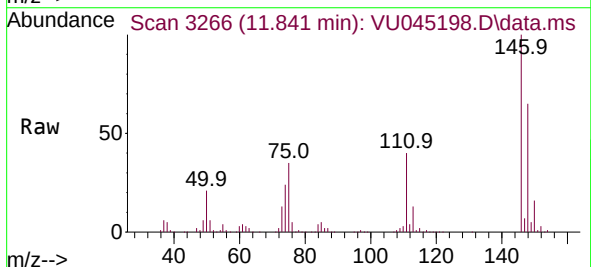
Instrument :
MSVOA_U
ClientSampled :

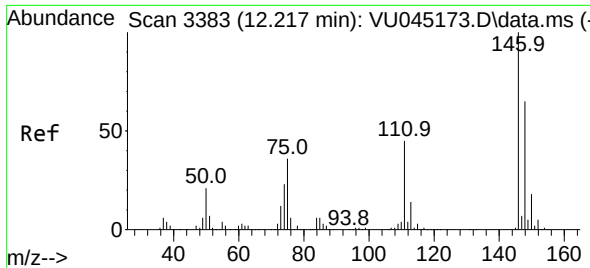
Tgt Ion:146 Resp: 258319
Ion Ratio Lower Upper
146 100
111 42.7 29.0 53.8
148 63.9 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 49.531 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.003 min
Lab File: VU045198.D
Acq: 07 Oct 2021 09:33

Tgt Ion:146 Resp: 258649
Ion Ratio Lower Upper
146 100
111 40.5 28.5 52.9
148 64.9 45.5 84.5

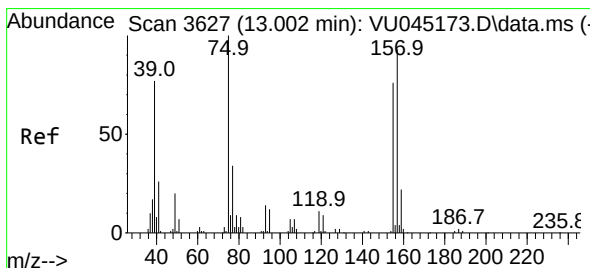
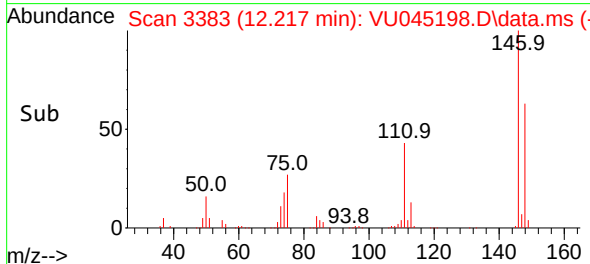
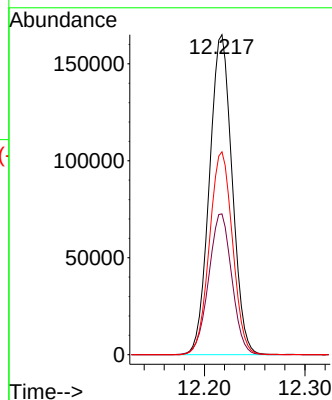
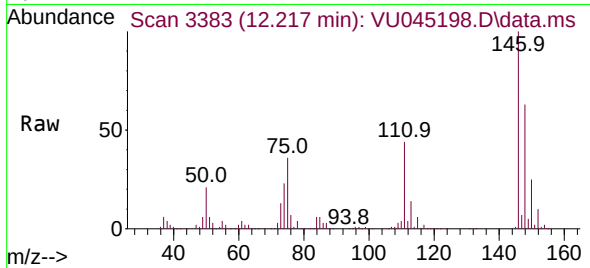




#67
1,2-Dichlorobenzene
Concen: 49.656 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. 0.000 min
Lab File: VU045198.D
Acq: 07 Oct 2021 09:33

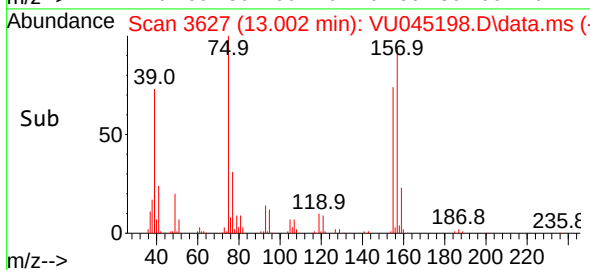
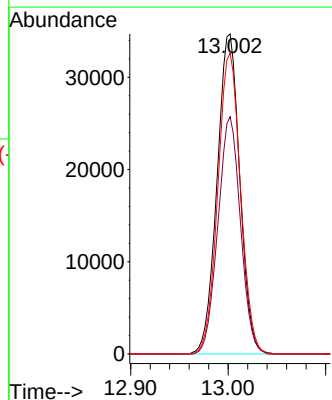
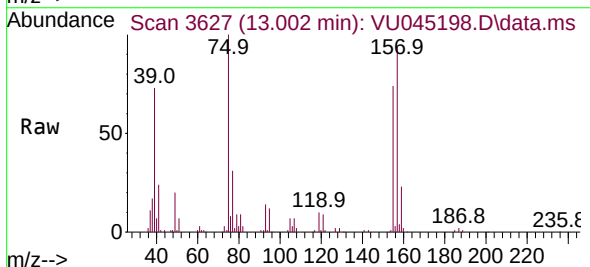
Instrument :
MSVOA_U
ClientSampled :

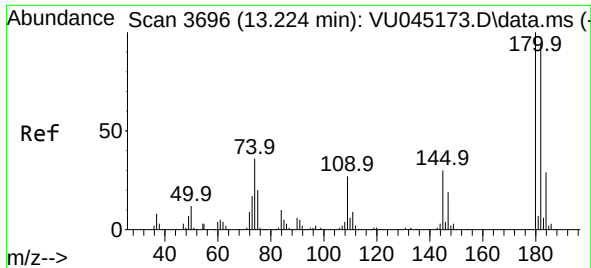
Tgt Ion:146 Resp: 259446
Ion Ratio Lower Upper
146 100
111 44.0 34.7 52.1
148 63.4 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 47.019 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. 0.000 min
Lab File: VU045198.D
Acq: 07 Oct 2021 09:33

Tgt Ion: 75 Resp: 56240
Ion Ratio Lower Upper
75 100
155 74.1 58.5 87.7
157 94.0 77.7 116.5

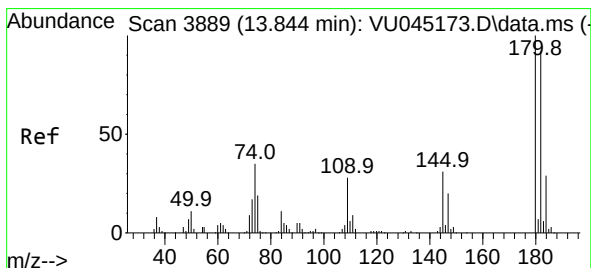
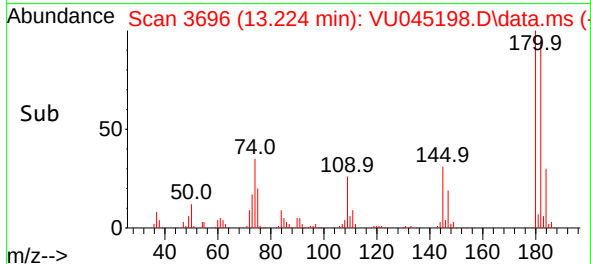
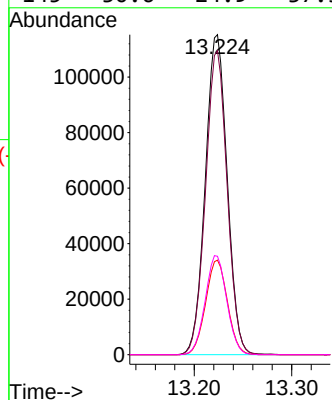
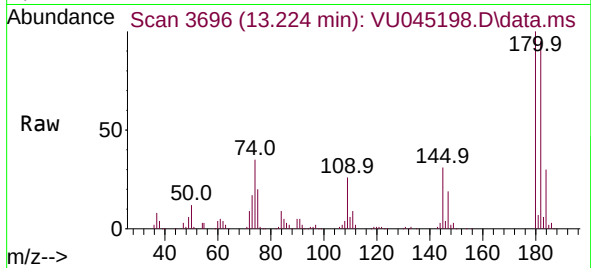




#69
1,3,5-Trichlorobenzene
Concen: 50.833 ug/L
RT: 13.224 min Scan# 3696
Delta R.T. 0.000 min
Lab File: VU045198.D
Acq: 07 Oct 2021 09:33

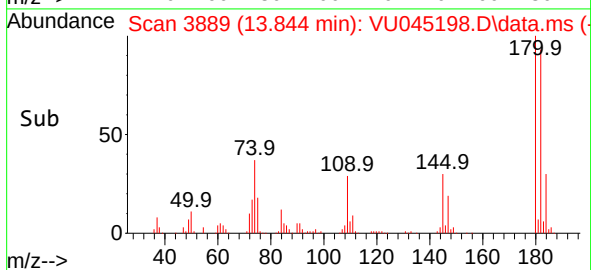
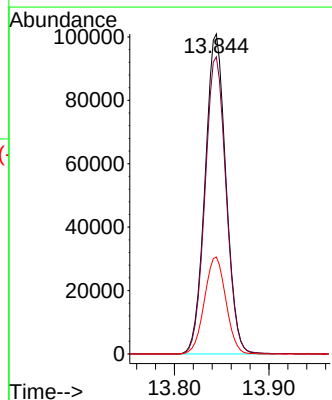
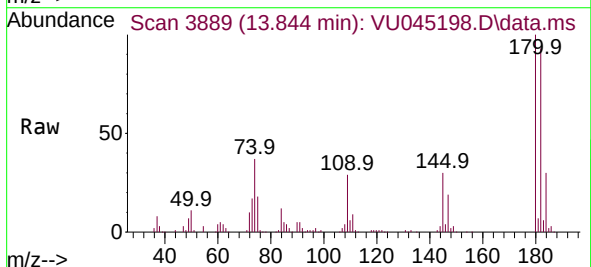
Instrument :
MSVOA_U
ClientSampleId :

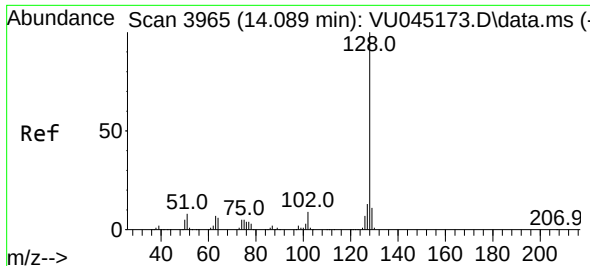
Tgt Ion:180 Resp: 179548
Ion Ratio Lower Upper
180 100
182 94.0 76.8 115.2
184 29.6 24.4 36.6
145 30.6 24.9 37.3



#70
1,2,4-trichlorobenzene
Concen: 52.805 ug/L
RT: 13.844 min Scan# 3889
Delta R.T. 0.000 min
Lab File: VU045198.D
Acq: 07 Oct 2021 09:33

Tgt Ion:180 Resp: 154991
Ion Ratio Lower Upper
180 100
182 93.7 76.2 114.2
145 31.1 25.4 38.0

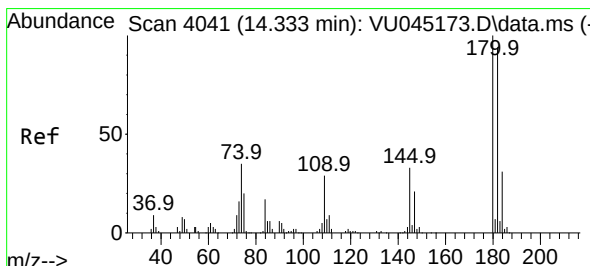
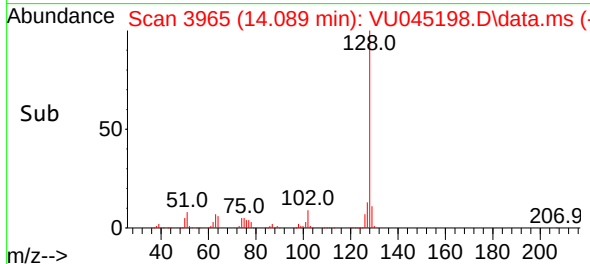
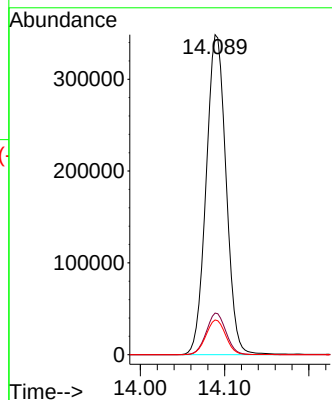
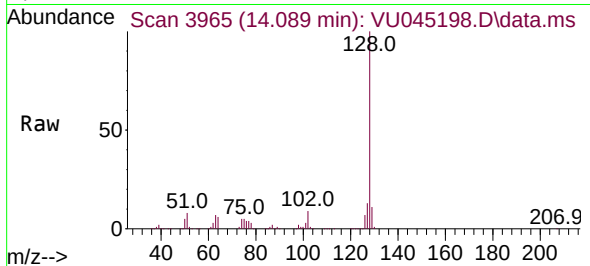




#71
Naphthalene
Concen: 56.378 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU045198.D
Acq: 07 Oct 2021 09:33

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:128 Resp: 573435
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.8 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 50.983 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VU045198.D
Acq: 07 Oct 2021 09:33

Tgt Ion:180 Resp: 153106
Ion Ratio Lower Upper
180 100
182 95.2 76.8 115.2
145 33.5 26.5 39.7

