

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112723\
 Data File : VU056617.D
 Acq On : 27 Nov 2023 16:21
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 27 22:33:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 27 22:31:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	263284	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	258282	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	133099	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	93319	4.739	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.800%
7) Chloroethane-d5	1.911	69	71540	4.738	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.800%
11) 1,1-Dichloroethene-d2	2.563	65	43064	4.955	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.200%
20) 2-Butanone-d5	4.618	46	227062	57.824	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.640%
24) Chloroform-d	5.055	84	196797	5.167	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.400%
26) 1,2-Dichloroethane-d4	5.695	65	93267	5.299	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.000%
32) Benzene-d6	5.721	84	362457	4.710	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	6.685	67	112828	4.865	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.200%
41) Toluene-d8	7.894	98	329704	4.852	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
43) trans-1,3-Dichloroprop...	8.174	79	44491	5.002	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.000%
46) 2-Hexanone-d5	8.627	63	204355	58.462	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.920%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	91783	5.538	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	115521	4.698	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	87455	4.192	ug/L	98
3) Chloromethane	1.515	50	88234	4.139	ug/L	98
5) Vinyl chloride	1.602	62	92630	4.510	ug/L	96
6) Bromomethane	1.853	94	46512	4.474	ug/L	97
8) Chloroethane	1.930	64	58742	4.682	ug/L	96
9) Trichlorofluoromethane	2.136	101	146678	4.956	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	92562	5.268	ug/L	99
12) 1,1-Dichloroethene	2.576	96	81138	5.034	ug/L	96
13) Acetone	2.631	43	141003	42.160	ug/L	99
14) Carbon disulfide	2.788	76	202598	3.863	ug/L	98
15) Methyl Acetate	2.949	43	31120	5.229	ug/L	97
16) Methylene chloride	3.042	84	97729	4.582	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	210158	5.367	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	80839	4.875	ug/L	99
19) 1,1-Dichloroethane	3.862	63	172761	5.259	ug/L	96
21) 2-Butanone	4.701	43	210319	48.463	ug/L	100
22) cis-1,2-Dichloroethene	4.660	96	98874	5.258	ug/L	93
23) Bromochloromethane	4.971	128	40675	5.255	ug/L	94
25) Chloroform	5.081	83	186938	5.253	ug/L	95

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Quant Time: Nov 27 22:33:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
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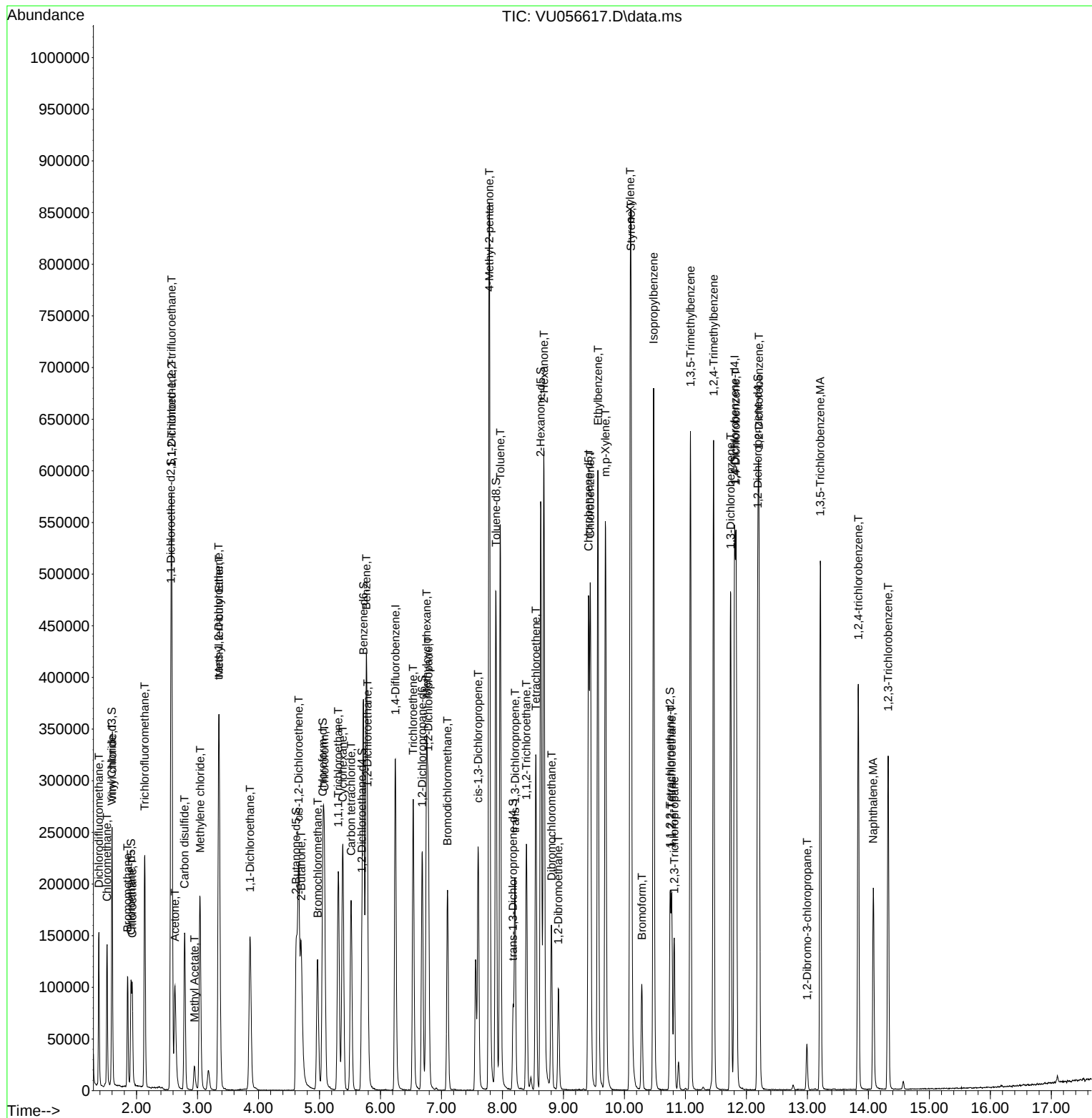
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	111011	5.494	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	155738	5.253	ug/L	99
30) Cyclohexane	5.380	56	121037	4.301	ug/L	98
31) Carbon tetrachloride	5.518	117	129502	5.086	ug/L	97
33) Benzene	5.769	78	369538	5.014	ug/L	100
34) Trichloroethene	6.537	95	99621	4.961	ug/L	99
35) Methylcyclohexane	6.756	83	124953	4.310	ug/L	98
37) 1,2-Dichloropropane	6.785	63	100996	5.255	ug/L	100
38) Bromodichloromethane	7.100	83	130352	5.254	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	149264	5.286	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	537355	56.404	ug/L	99
42) Toluene	7.965	91	407444	5.340	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	120926	5.371	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	74846	5.848	ug/L	96
47) Tetrachloroethene	8.547	164	68642	5.070	ug/L	98
48) 2-Hexanone	8.679	43	395389	53.274	ug/L	97
49) Dibromochloromethane	8.804	129	81063	5.569	ug/L	98
50) 1,2-Dibromoethane	8.917	107	64128	5.307	ug/L	97
51) Chlorobenzene	9.441	112	255960	5.221	ug/L	100
52) Ethylbenzene	9.566	91	443549	5.235	ug/L	99
53) m,p-Xylene	9.688	106	162864	5.229	ug/L	97
54) o-Xylene	10.097	106	158265	5.231	ug/L	99
55) Styrene	10.110	104	277015	5.504	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	91166	5.833	ug/L	97
59) Bromoform	10.286	173	46632	5.625	ug/L	98
60) Isopropylbenzene	10.479	105	440226	5.129	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	63781	5.585	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	353595	5.017	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	351796	5.057	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	199938	5.121	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	200957	5.131	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	188605	5.265	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.994	75	12058	4.943	ug/L	91
69) 1,3,5-Trichlorobenzene	13.212	180	154183	5.245	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	115951	4.843	ug/L	100
71) Naphthalene	14.080	128	161691	4.469	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	95918	4.863	ug/L	99

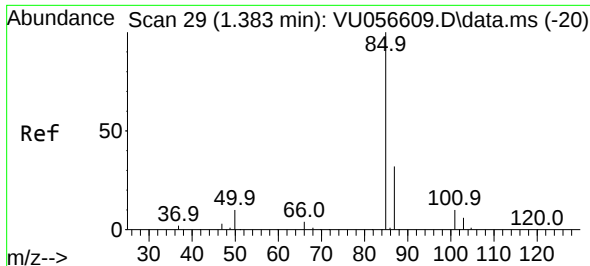
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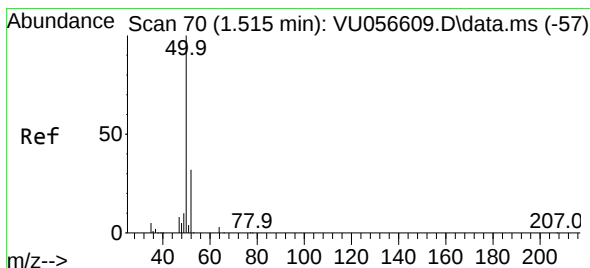
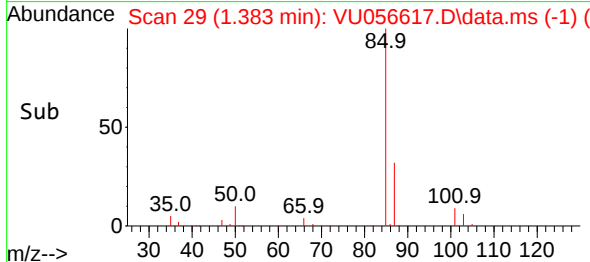
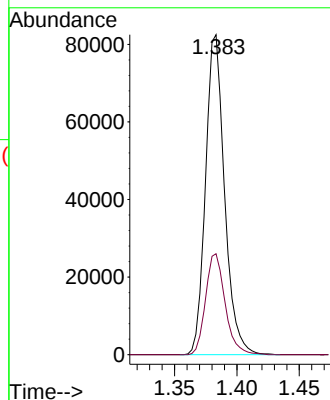
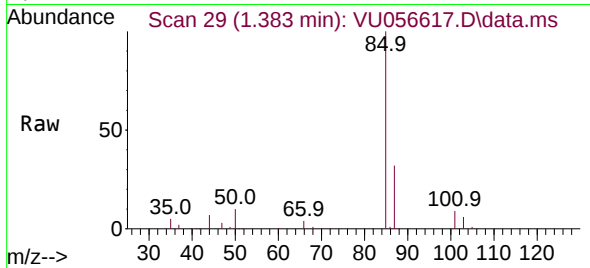




#2
 Dichlorodifluoromethane
 Concen: 4.192 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU056617.D
 Acq: 27 Nov 2023 16:21

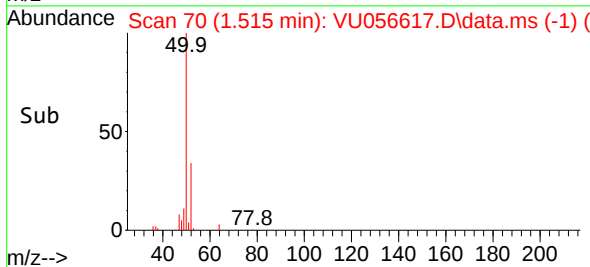
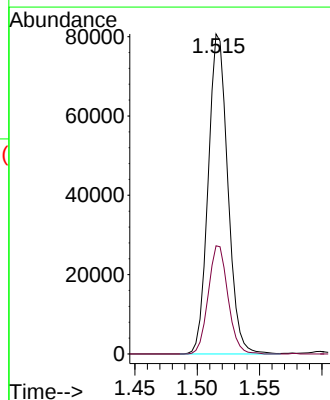
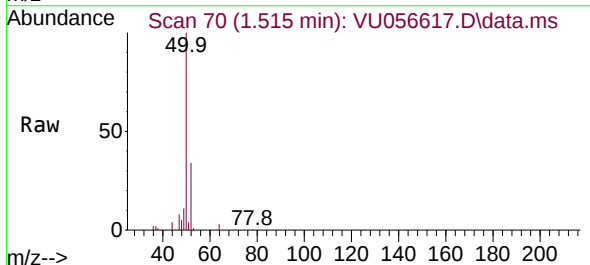
Instrument :
 MSVOA_U
 ClientSampleId :

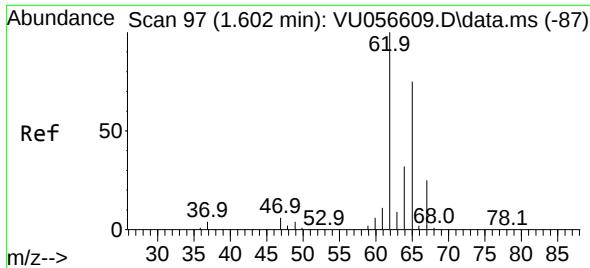
Tgt Ion: 85 Resp: 87455
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.0 37.4



#3
 Chloromethane
 Concen: 4.139 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VU056617.D
 Acq: 27 Nov 2023 16:21

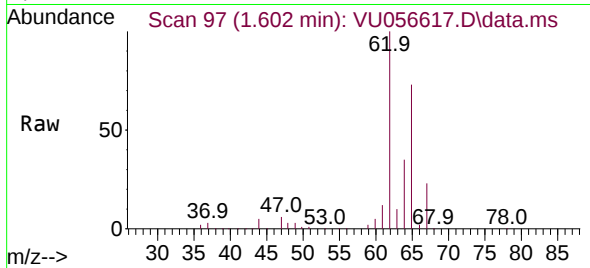
Tgt Ion: 50 Resp: 88234
 Ion Ratio Lower Upper
 50 100
 52 33.8 24.3 45.1



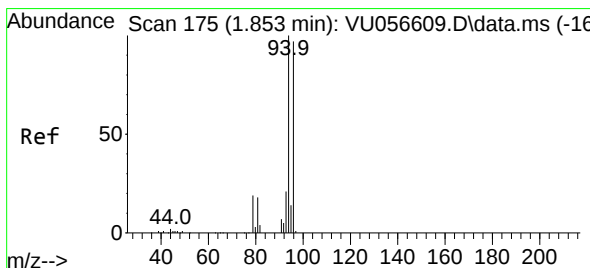
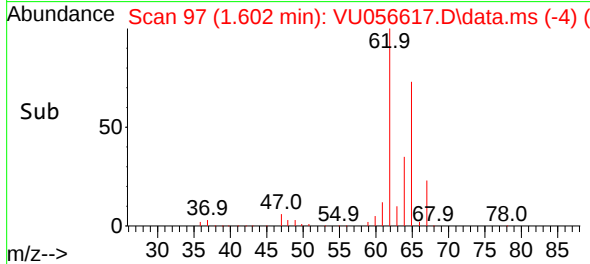
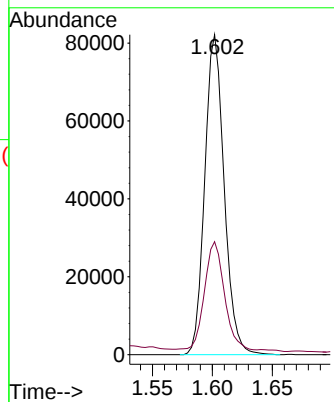


#5
 Vinyl chloride
 Concen: 4.510 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU056617.D
 Acq: 27 Nov 2023 16:21

Instrument :
 MSVOA_U
 ClientSampleId :

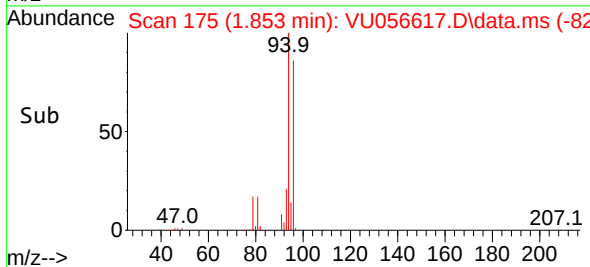
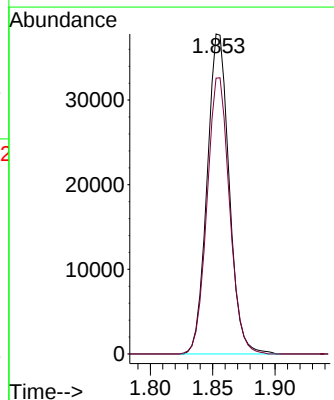
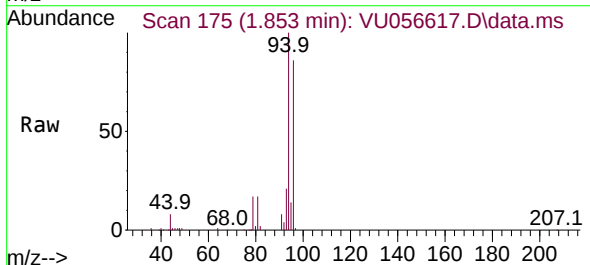


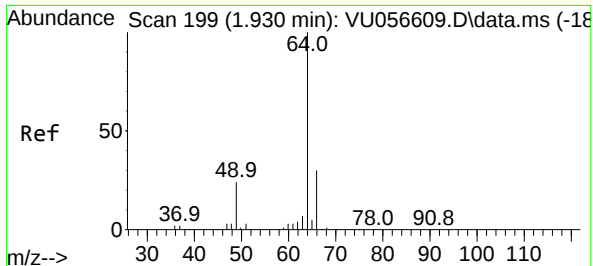
Tgt Ion: 62 Resp: 92630
 Ion Ratio Lower Upper
 62 100
 64 35.3 23.3 43.3



#6
 Bromomethane
 Concen: 4.474 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.000 min
 Lab File: VU056617.D
 Acq: 27 Nov 2023 16:21

Tgt Ion: 94 Resp: 46512
 Ion Ratio Lower Upper
 94 100
 96 86.2 62.6 116.2

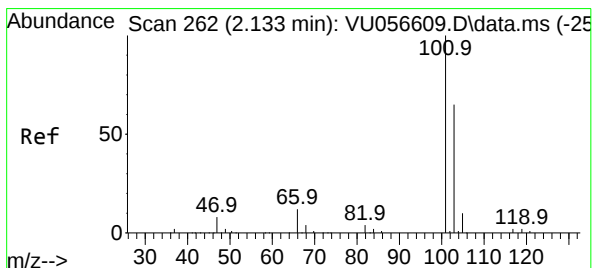
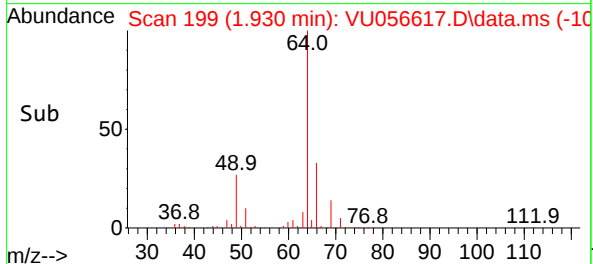
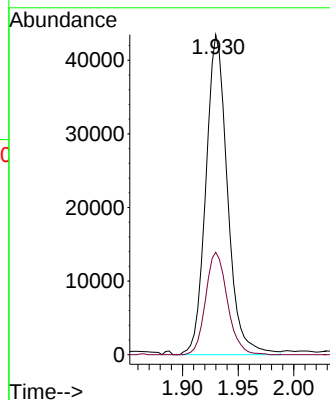
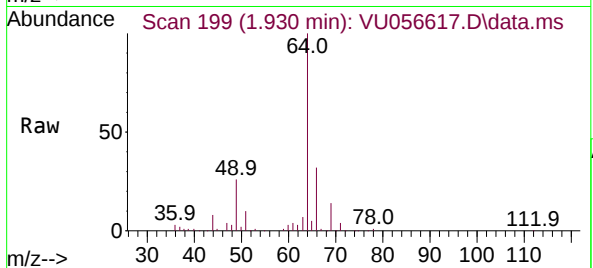




#8
Chloroethane
Concen: 4.682 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU056617.D
Acq: 27 Nov 2023 16:21

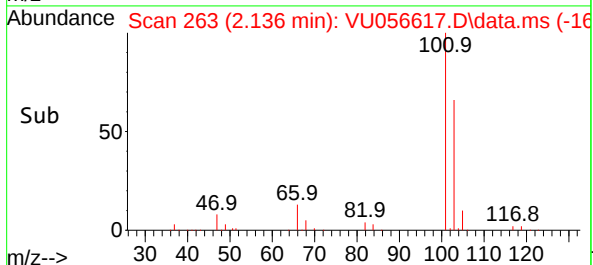
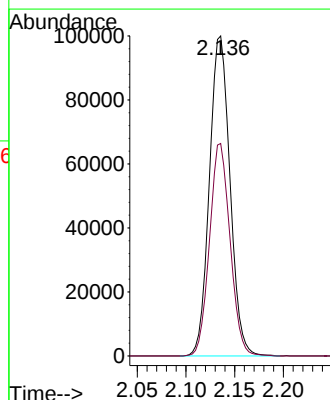
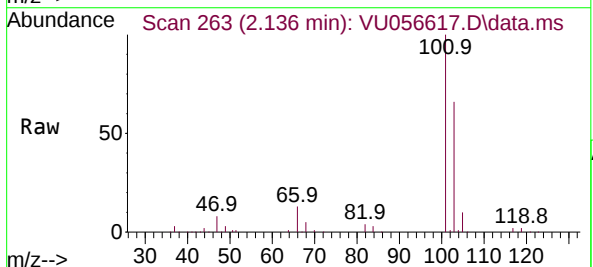
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ClientSampleId :

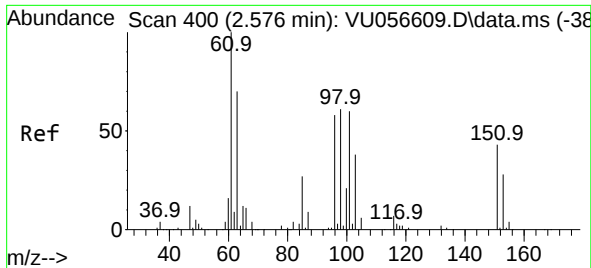
Tgt Ion: 64 Resp: 58742
Ion Ratio Lower Upper
64 100
66 32.0 23.9 44.5



#9
Trichlorofluoromethane
Concen: 4.956 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.003 min
Lab File: VU056617.D
Acq: 27 Nov 2023 16:21

Tgt Ion:101 Resp: 146678
Ion Ratio Lower Upper
101 100
103 66.3 52.0 78.0

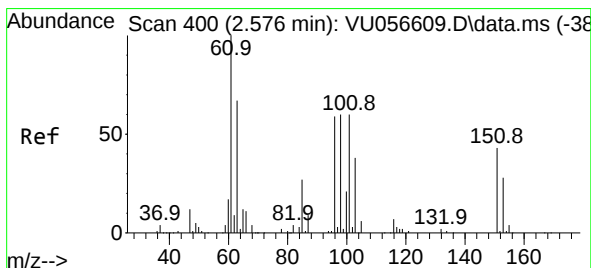
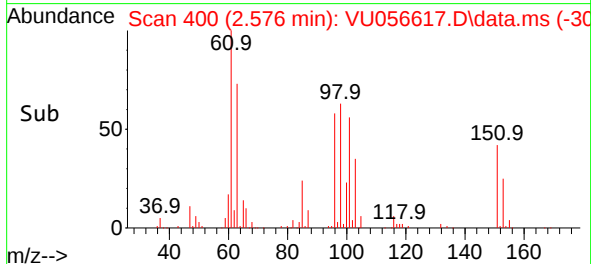
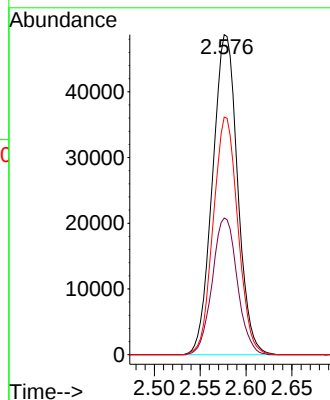
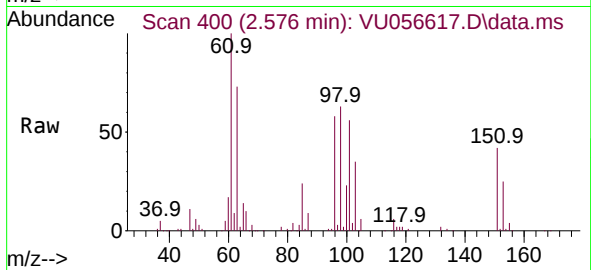




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.268 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU056617.D
 Acq: 27 Nov 2023 16:21

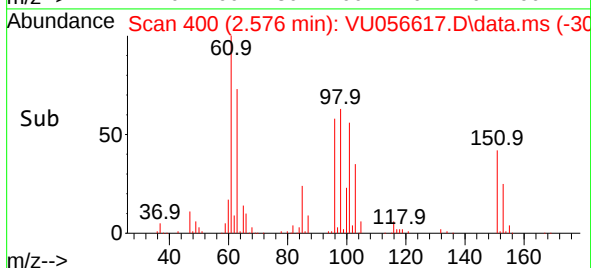
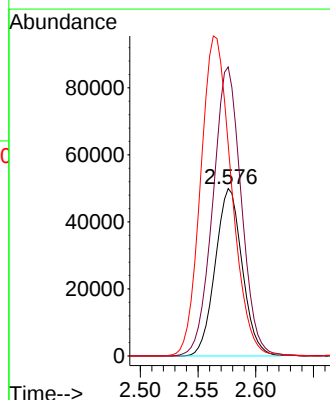
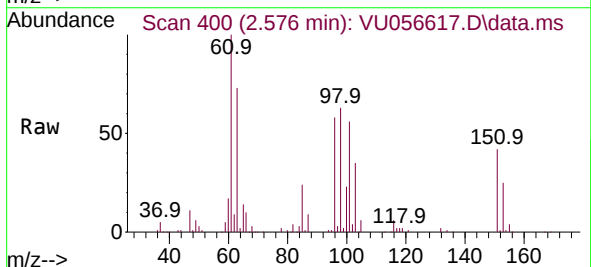
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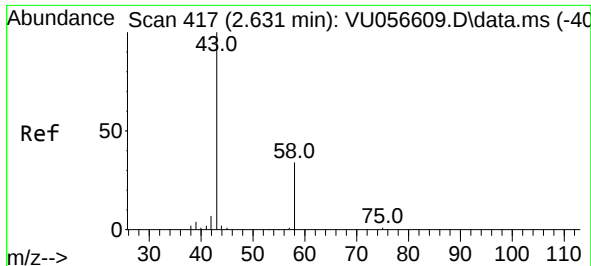
Tgt Ion:101 Resp: 92562
 Ion Ratio Lower Upper
 101 100
 85 42.5 35.4 53.0
 151 72.9 58.0 87.0



#12
 1,1-Dichloroethene
 Concen: 5.034 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU056617.D
 Acq: 27 Nov 2023 16:21

Tgt Ion: 96 Resp: 81138
 Ion Ratio Lower Upper
 96 100
 61 172.6 123.1 228.7
 63 126.4 93.3 173.3

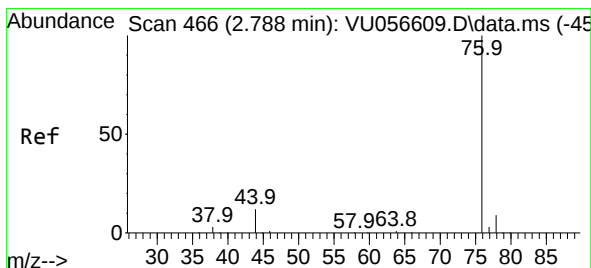
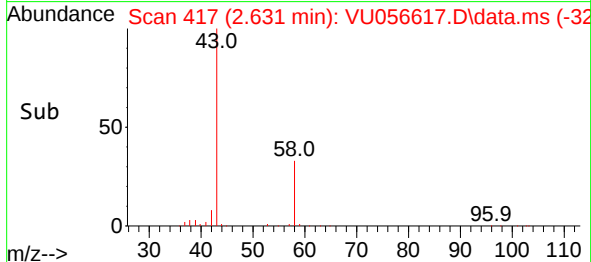
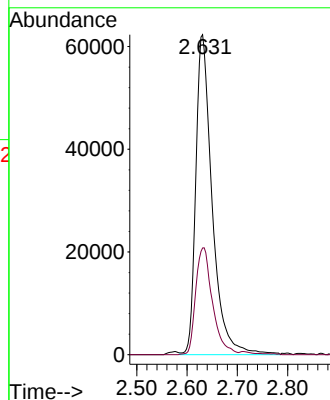
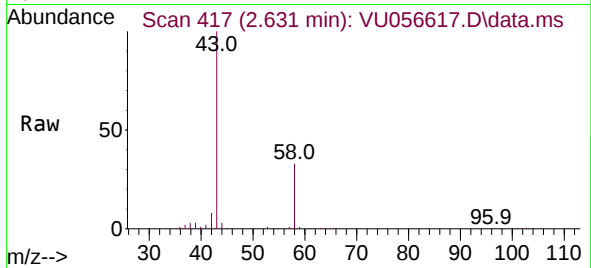




#13
Acetone
Concen: 42.160 ug/L
RT: 2.631 min Scan# 417
Delta R.T. -0.000 min
Lab File: VU056617.D
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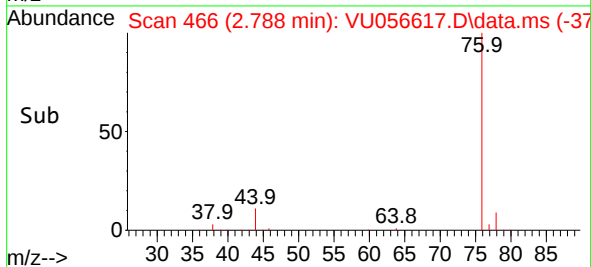
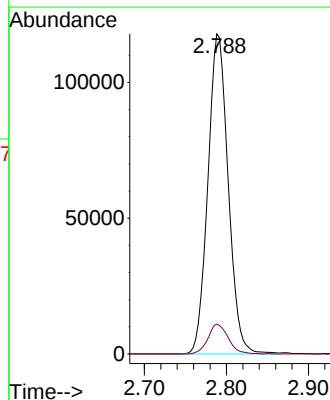
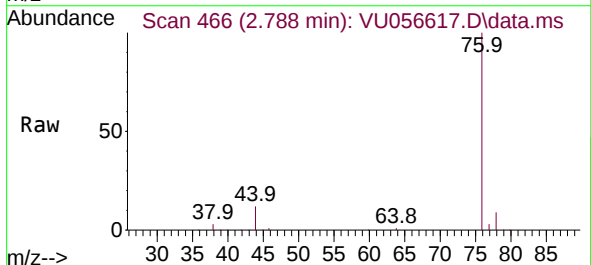
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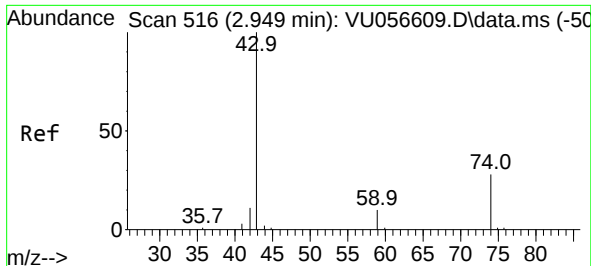
Tgt Ion: 43 Resp: 141003
Ion Ratio Lower Upper
43 100
58 34.3 0.0 70.0



#14
Carbon disulfide
Concen: 3.863 ug/L
RT: 2.788 min Scan# 466
Delta R.T. -0.000 min
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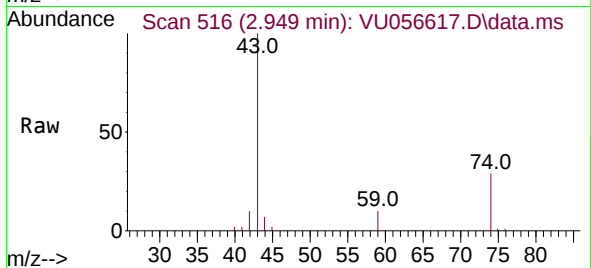
Tgt Ion: 76 Resp: 202598
Ion Ratio Lower Upper
76 100
78 9.4 6.8 10.2



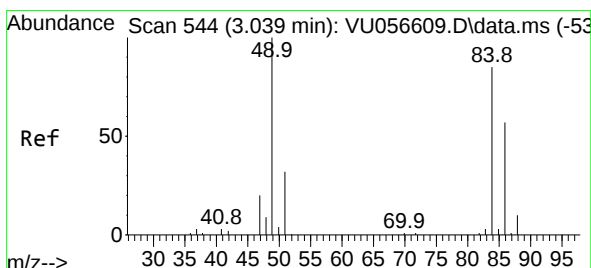
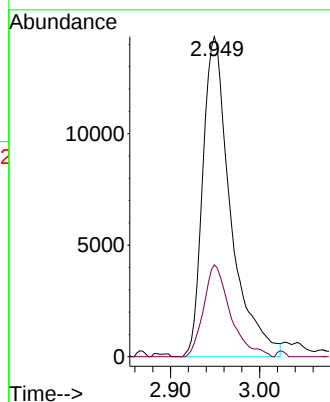
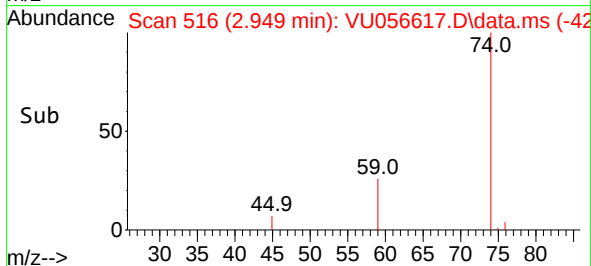


#15
Methyl Acetate
Concen: 5.229 ug/L
RT: 2.949 min Scan# 516
Delta R.T. -0.000 min
Lab File: VU056617.D
Acq: 27 Nov 2023 16:21

Instrument :
MSVOA_U
ClientSampleId :

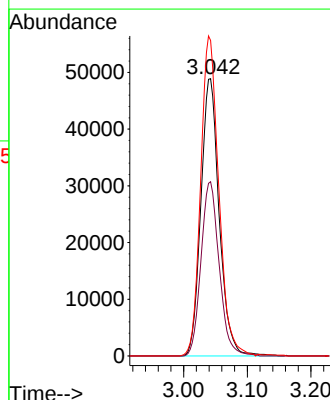
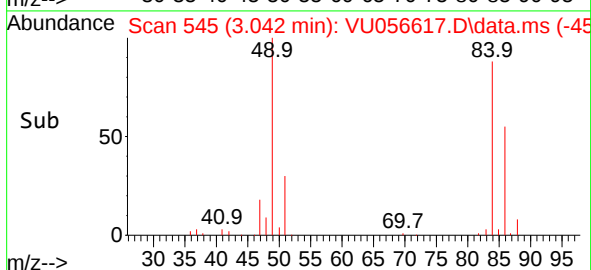
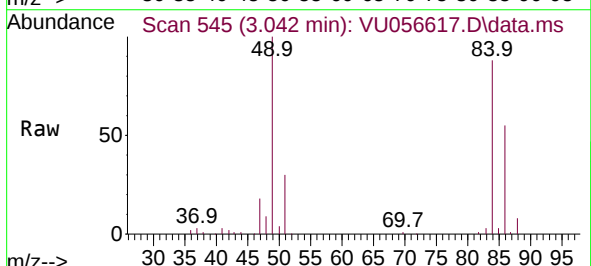


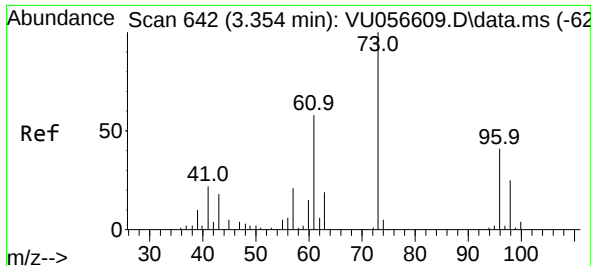
Tgt Ion: 43 Resp: 31120
Ion Ratio Lower Upper
43 100
74 27.4 20.6 31.0



#16
Methylene chloride
Concen: 4.582 ug/L
RT: 3.042 min Scan# 545
Delta R.T. 0.003 min
Lab File: VU056617.D
Acq: 27 Nov 2023 16:21

Tgt Ion: 84 Resp: 97729
Ion Ratio Lower Upper
84 100
86 62.8 44.7 83.1
49 113.8 81.8 152.0

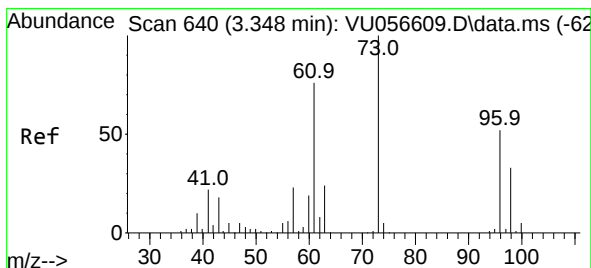
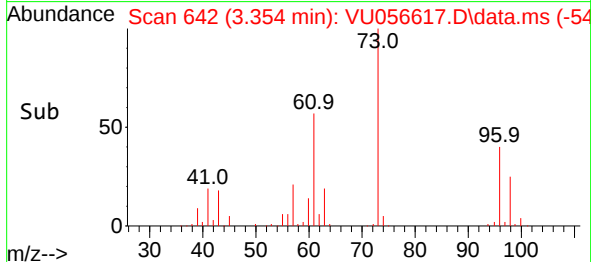
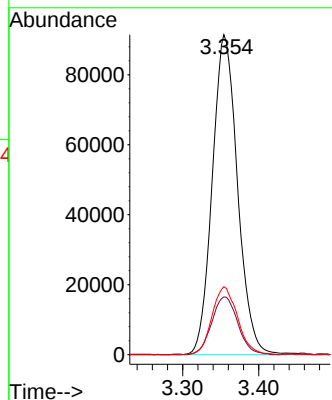
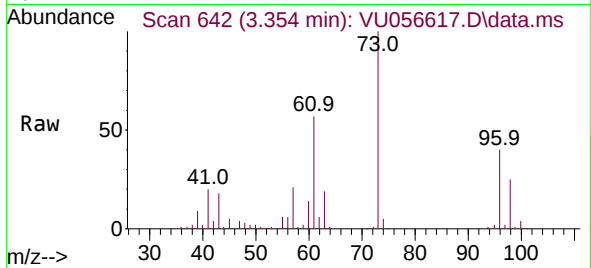




#17
Methyl tert-butyl Ether
Concen: 5.367 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU056617.D
Acq: 27 Nov 2023 16:21

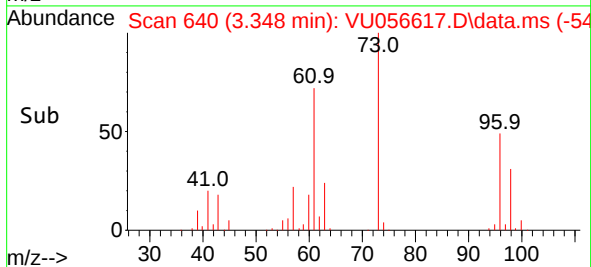
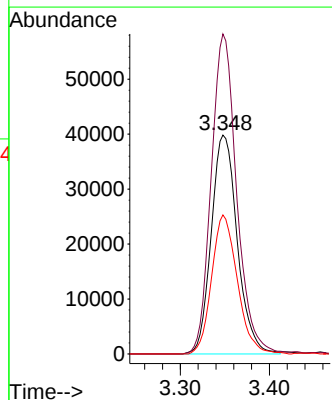
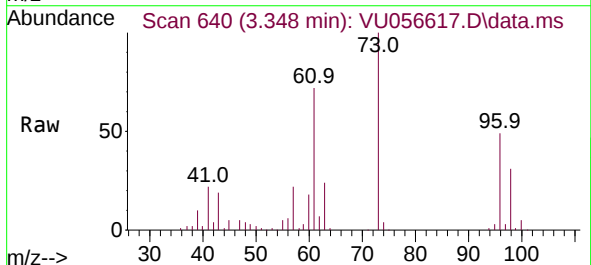
Instrument :
MSVOA_U
ClientSampleId :

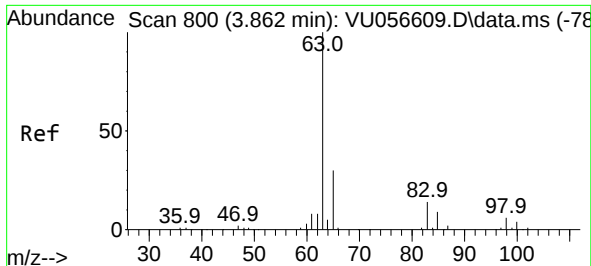
Tgt Ion: 73 Resp: 210158
Ion Ratio Lower Upper
73 100
43 18.7 15.1 22.7
57 21.6 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 4.875 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU056617.D
Acq: 27 Nov 2023 16:21

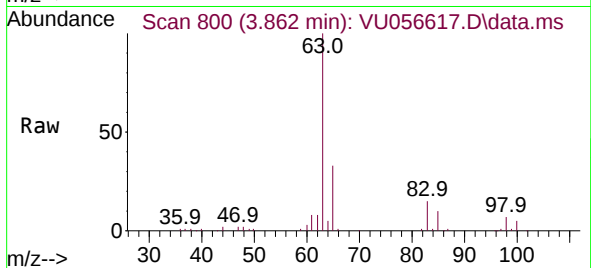
Tgt Ion: 96 Resp: 80839
Ion Ratio Lower Upper
96 100
61 146.2 101.7 188.9
98 63.5 43.0 80.0



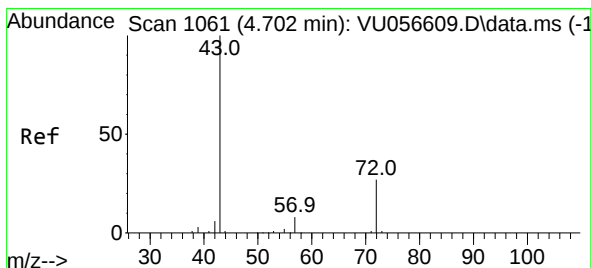
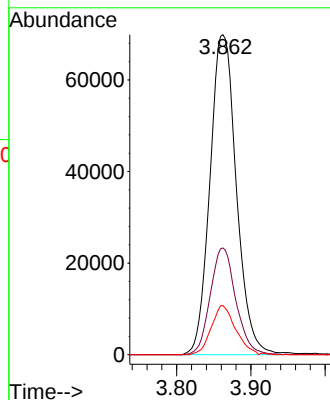
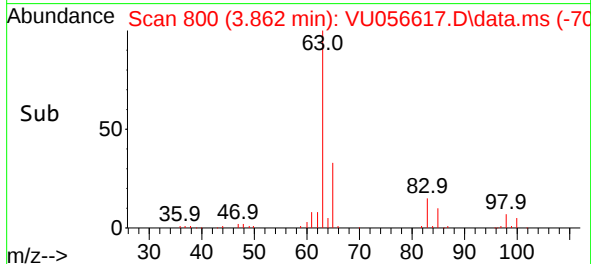


#19
1,1-Dichloroethane
Concen: 5.259 ug/L
RT: 3.862 min Scan# 800
Delta R.T. -0.000 min
Lab File: VU056617.D
Acq: 27 Nov 2023 16:21

Instrument :
MSVOA_U
ClientSampleId :

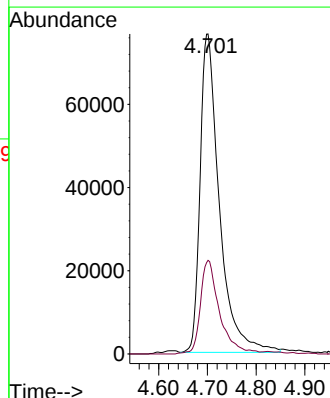
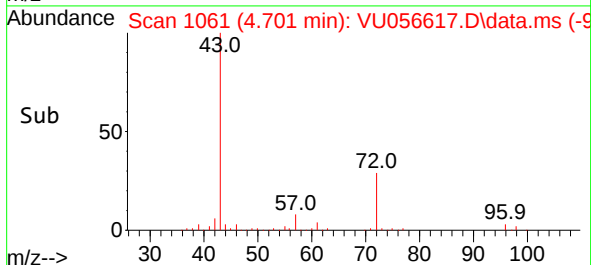
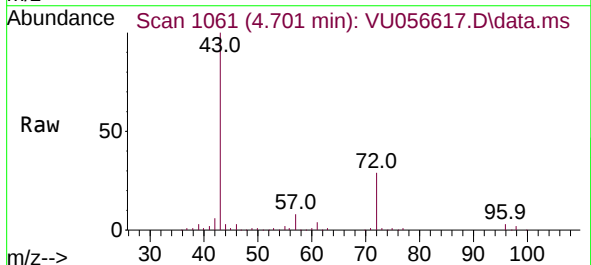


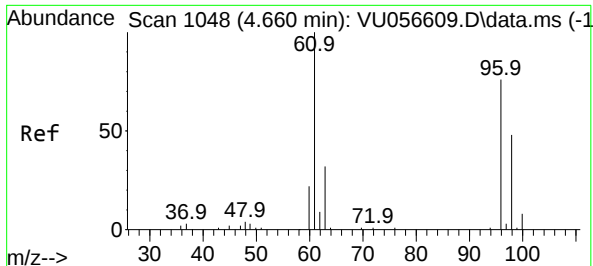
Tgt Ion: 63 Resp: 172761
Ion Ratio Lower Upper
63 100
65 33.3 21.8 40.6
83 15.4 9.7 17.9



#21
2-Butanone
Concen: 48.463 ug/L
RT: 4.701 min Scan# 1061
Delta R.T. -0.000 min
Lab File: VU056617.D
Acq: 27 Nov 2023 16:21

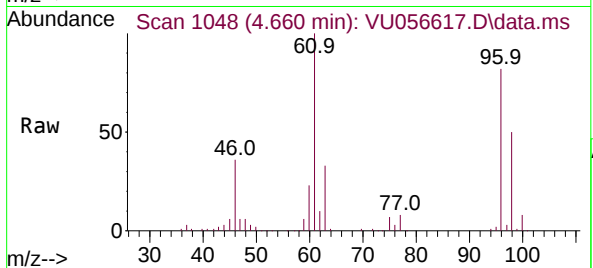
Tgt Ion: 43 Resp: 210319
Ion Ratio Lower Upper
43 100
72 28.6 14.2 42.6



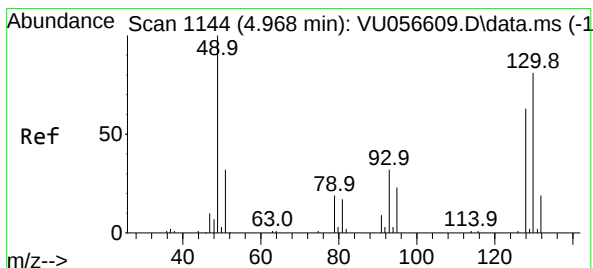
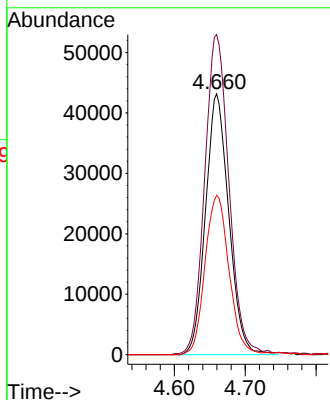
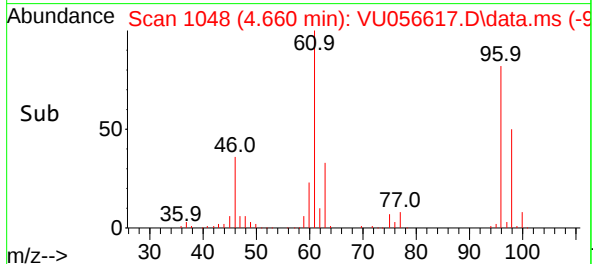


#22
 cis-1,2-Dichloroethene
 Concen: 5.258 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.000 min
 Lab File: VU056617.D
 Acq: 27 Nov 2023 16:21

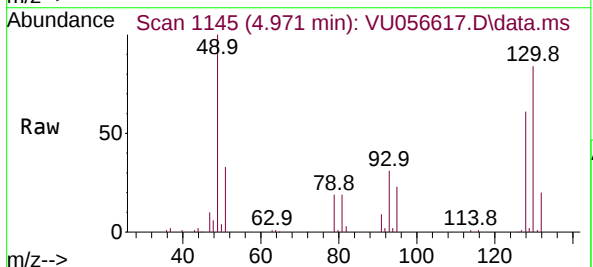
Instrument :
 MSVOA_U
 ClientSampleId :



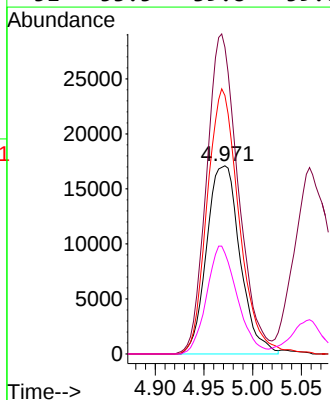
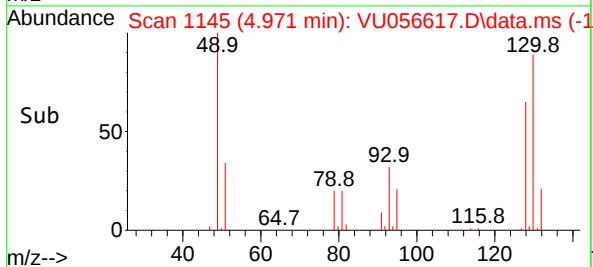
Tgt Ion:	96	Resp:	98874
Ion	Ratio	Lower	Upper
96	100		
61	122.7	93.2	173.2
98	61.1	44.8	83.2

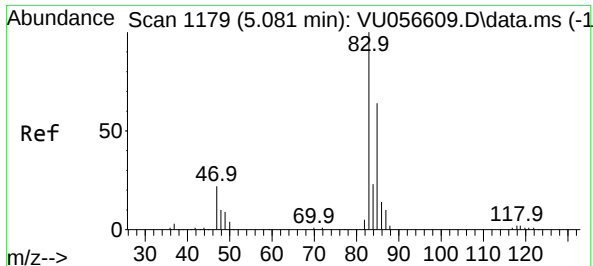


#23
 Bromochloromethane
 Concen: 5.255 ug/L
 RT: 4.971 min Scan# 1145
 Delta R.T. 0.003 min
 Lab File: VU056617.D
 Acq: 27 Nov 2023 16:21



Tgt Ion:	128	Resp:	40675
Ion	Ratio	Lower	Upper
128	100		
49	163.0	113.4	210.6
130	137.3	84.8	157.6
51	53.5	39.8	59.6





#25

Chloroform

Concen: 5.253 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VU056617.D

Acq: 27 Nov 2023 16:21

Instrument :

MSVOA_U

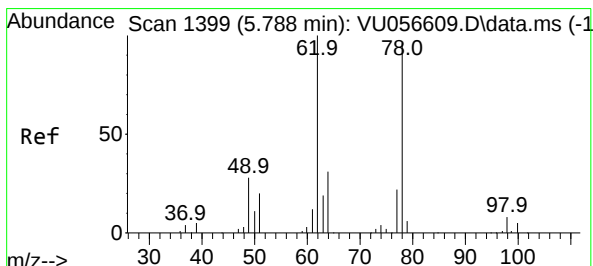
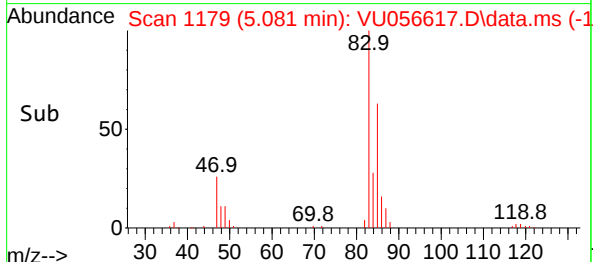
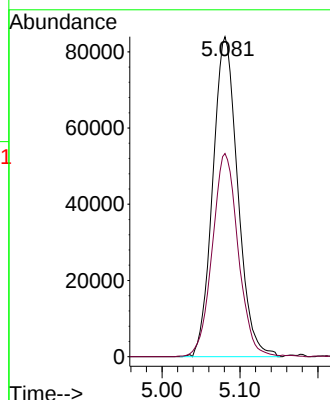
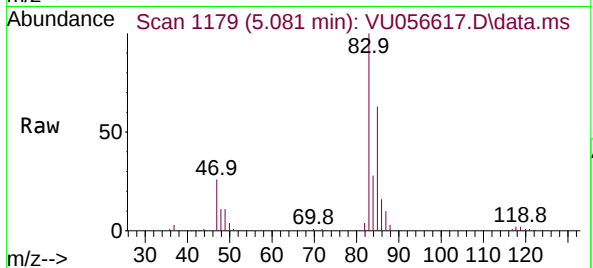
ClientSampleId :

Tgt Ion: 83 Resp: 186938

Ion Ratio Lower Upper

83 100

85 63.5 47.0 87.2



#27

1,2-Dichloroethane

Concen: 5.494 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. -0.000 min

Lab File: VU056617.D

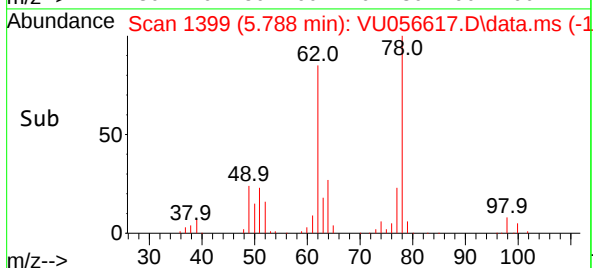
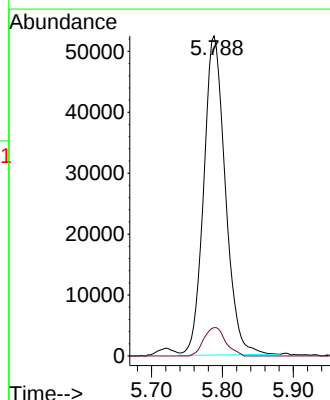
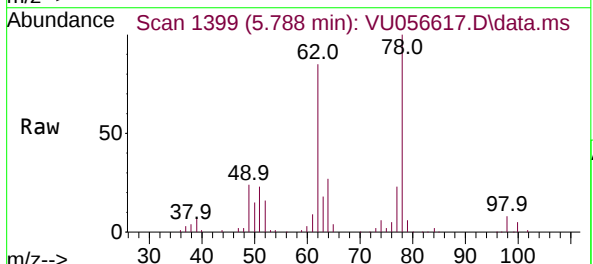
Acq: 27 Nov 2023 16:21

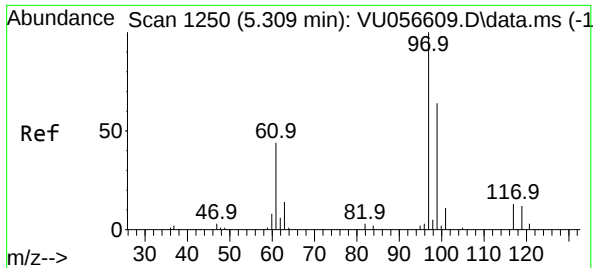
Tgt Ion: 62 Resp: 111011

Ion Ratio Lower Upper

62 100

98 8.8 6.6 10.0

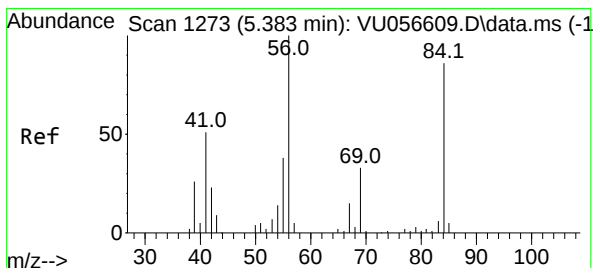
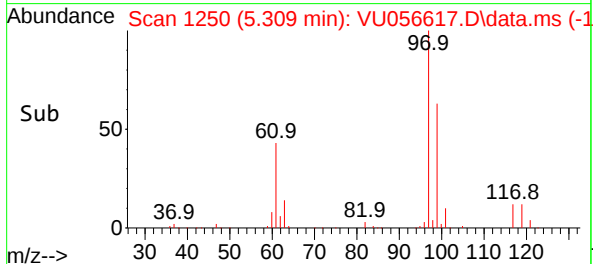
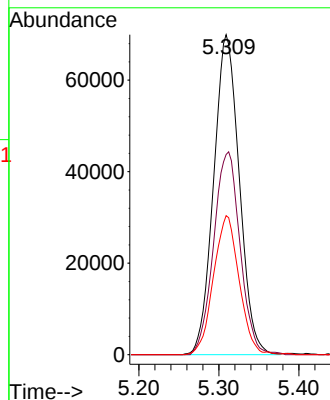
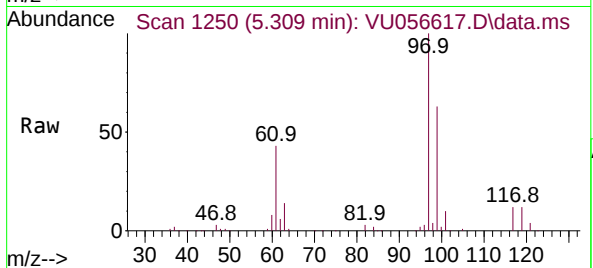




#29
1,1,1-Trichloroethane
Concen: 5.253 ug/L
RT: 5.309 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU056617.D
Acq: 27 Nov 2023 16:21

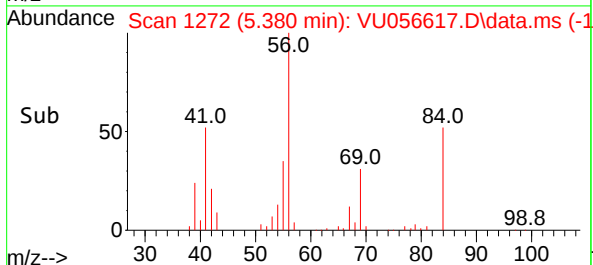
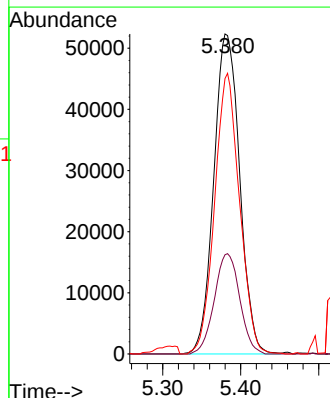
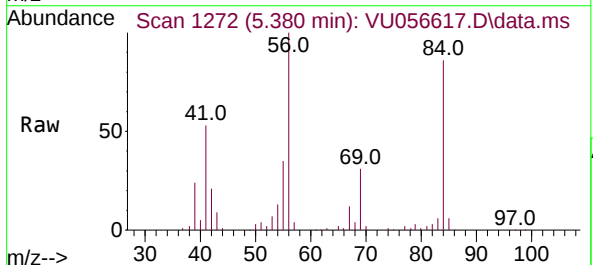
Instrument :
MSVOA_U
ClientSampleId :

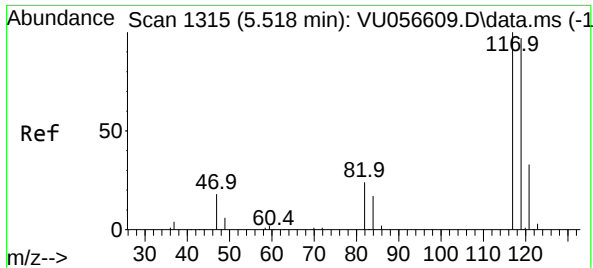
Tgt Ion: 97 Resp: 155738
Ion Ratio Lower Upper
97 100
99 65.4 51.6 77.4
61 43.5 34.3 51.5



#30
Cyclohexane
Concen: 4.301 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.003 min
Lab File: VU056617.D
Acq: 27 Nov 2023 16:21

Tgt Ion: 56 Resp: 121037
Ion Ratio Lower Upper
56 100
69 30.7 25.4 38.2
84 84.5 68.6 103.0

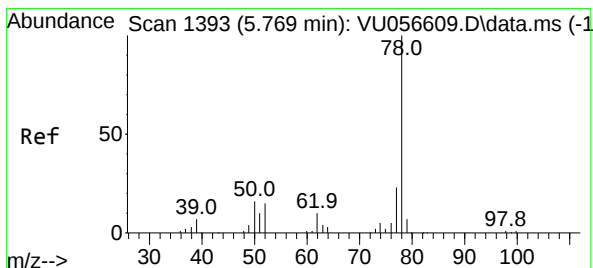
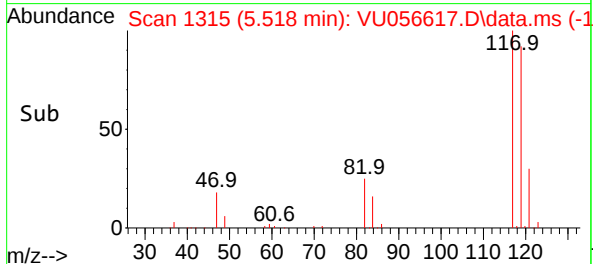
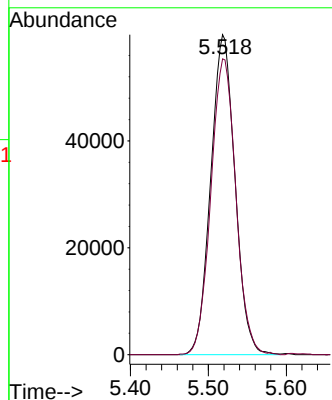
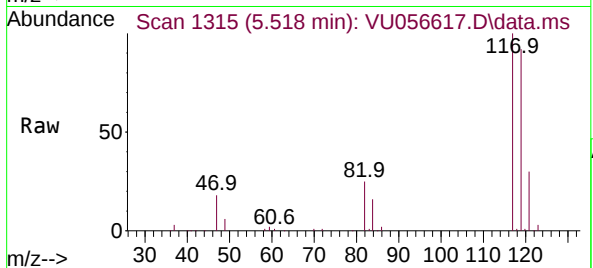




#31
Carbon tetrachloride
Concen: 5.086 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU056617.D
Acq: 27 Nov 2023 16:21

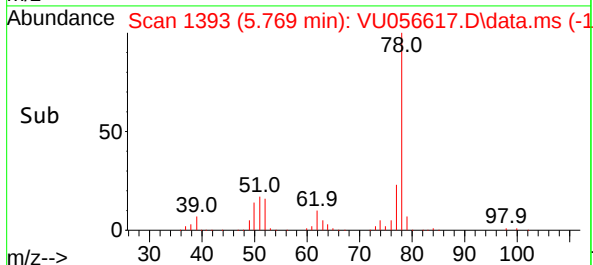
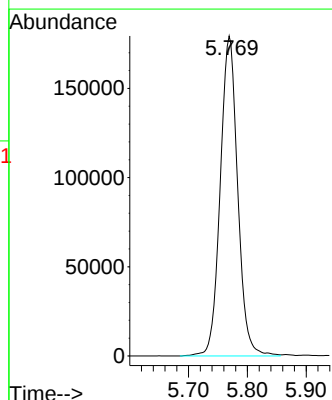
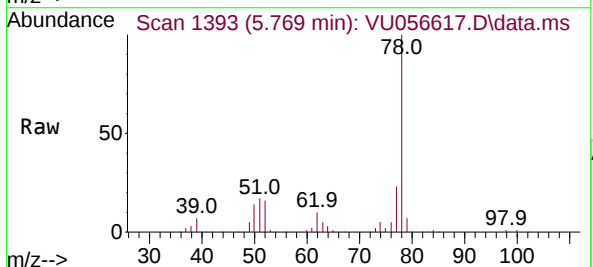
Instrument :
MSVOA_U
ClientSampleId :

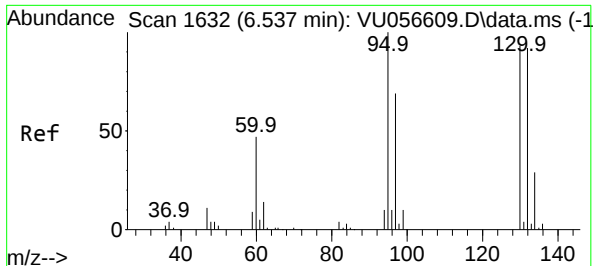
Tgt Ion:117 Resp: 129502
Ion Ratio Lower Upper
117 100
119 95.1 78.1 117.1



#33
Benzene
Concen: 5.014 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.000 min
Lab File: VU056617.D
Acq: 27 Nov 2023 16:21

Tgt Ion: 78 Resp: 369538

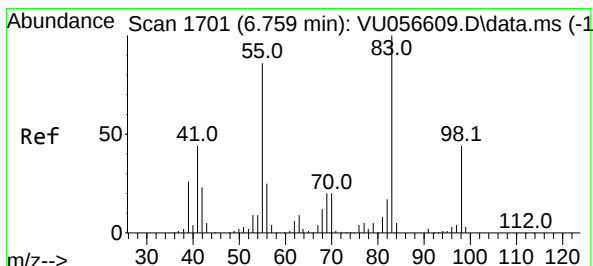
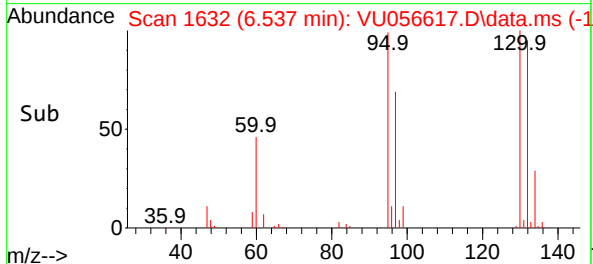
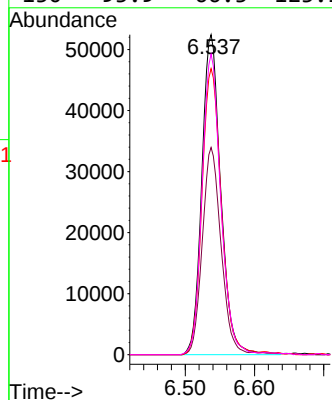
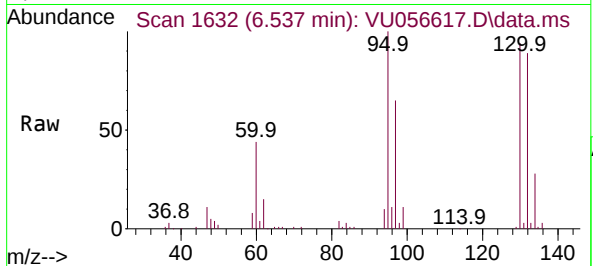




#34
Trichloroethene
Concen: 4.961 ug/L
RT: 6.537 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU056617.D
Acq: 27 Nov 2023 16:21

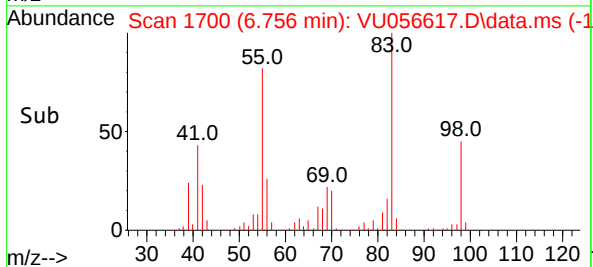
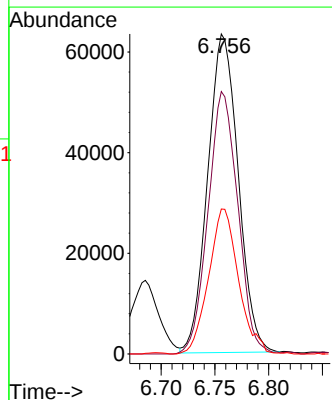
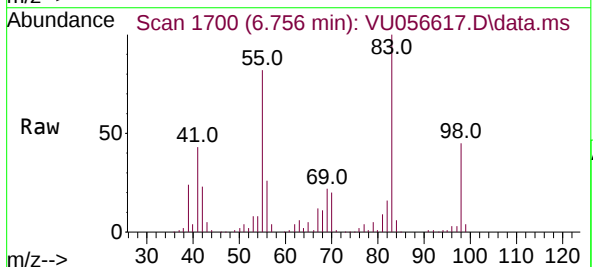
Instrument :
MSVOA_U
ClientSampleId :

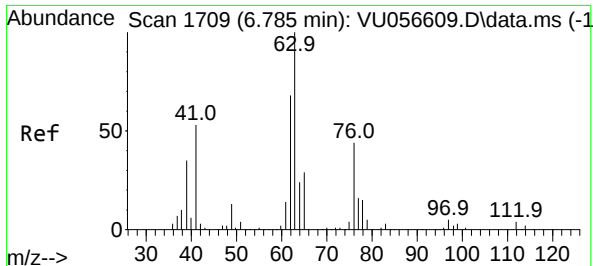
Tgt Ion: 95 Resp: 99621
Ion Ratio Lower Upper
95 100
97 64.7 46.5 86.3
132 89.4 62.0 115.2
130 93.9 66.3 123.1



#35
Methylcyclohexane
Concen: 4.310 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.003 min
Lab File: VU056617.D
Acq: 27 Nov 2023 16:21

Tgt Ion: 83 Resp: 124953
Ion Ratio Lower Upper
83 100
55 80.5 62.9 94.3
98 44.8 35.3 52.9





#37

1,2-Dichloropropane

Concen: 5.255 ug/L

RT: 6.785 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU056617.D

Acq: 27 Nov 2023 16:21

Instrument :

MSVOA_U

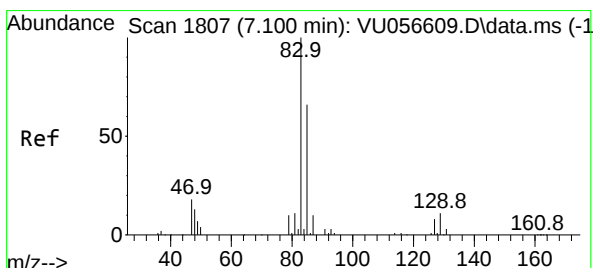
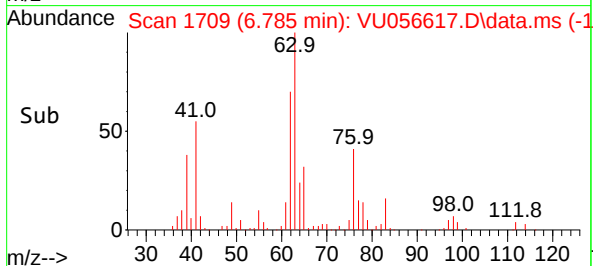
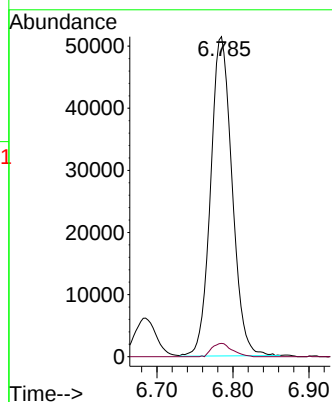
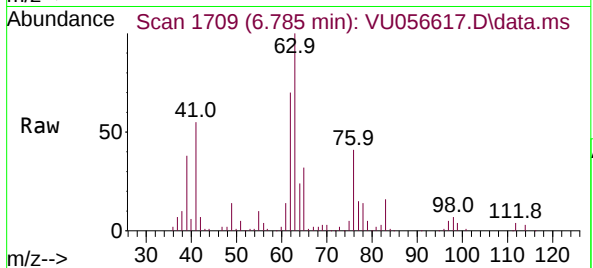
ClientSampleId :

Tgt Ion: 63 Resp: 100996

Ion Ratio Lower Upper

63 100

112 3.9 3.2 4.8



#38

Bromodichloromethane

Concen: 5.254 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VU056617.D

Acq: 27 Nov 2023 16:21

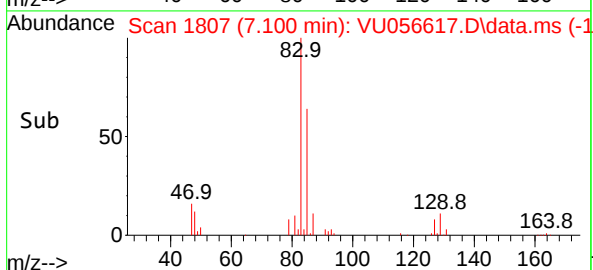
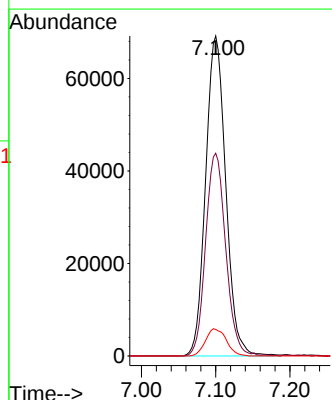
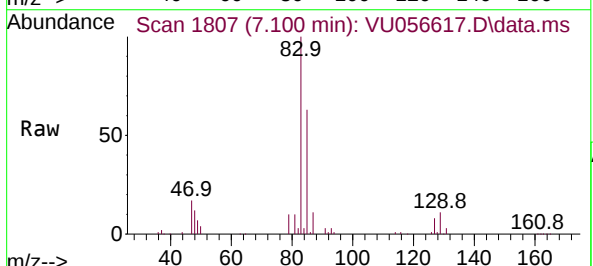
Tgt Ion: 83 Resp: 130352

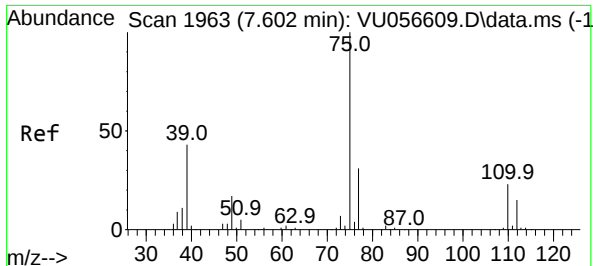
Ion Ratio Lower Upper

83 100

85 63.3 44.9 83.5

127 8.3 6.9 10.3

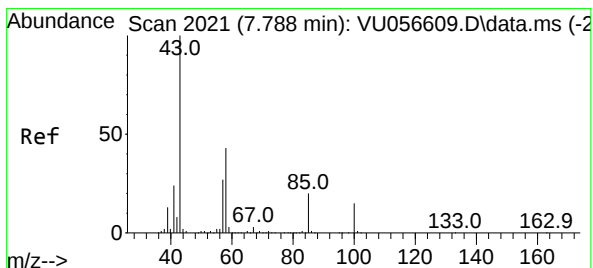
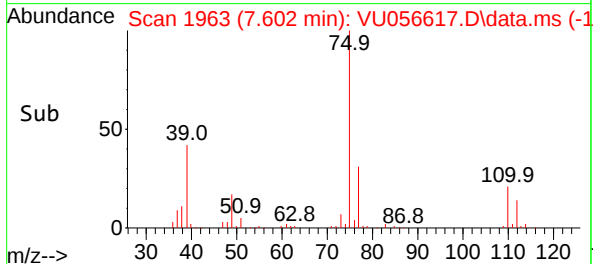
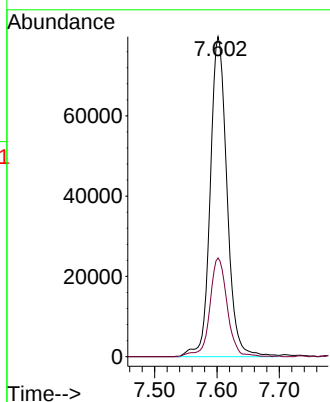
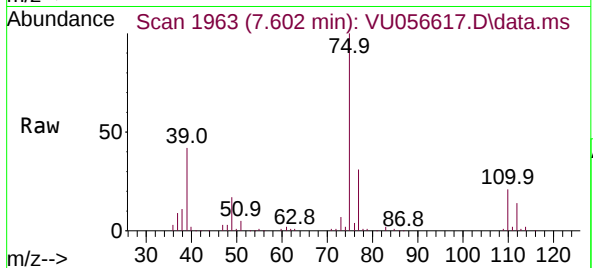




#39
 cis-1,3-Dichloropropene
 Concen: 5.286 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU056617.D
 Acq: 27 Nov 2023 16:21

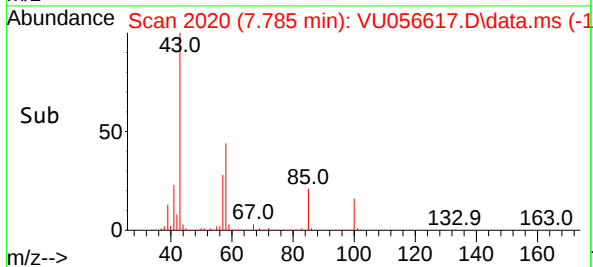
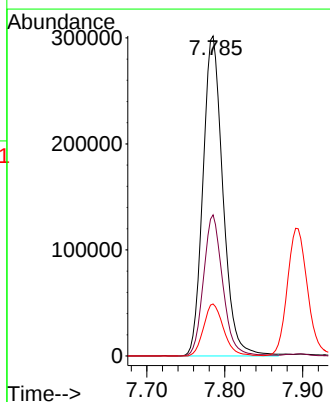
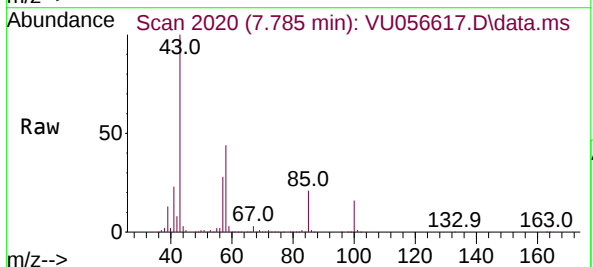
Instrument :
 MSVOA_U
 ClientSampleId :

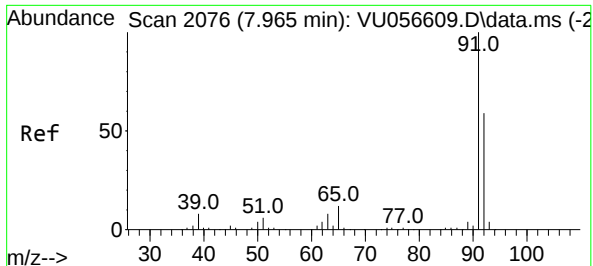
Tgt Ion: 75 Resp: 149264
 Ion Ratio Lower Upper
 75 100
 77 30.9 21.5 39.9



#40
 4-Methyl-2-pentanone
 Concen: 56.404 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. -0.003 min
 Lab File: VU056617.D
 Acq: 27 Nov 2023 16:21

Tgt Ion: 43 Resp: 537355
 Ion Ratio Lower Upper
 43 100
 58 42.7 33.8 50.8
 100 16.3 13.0 19.4





#42

Toluene

Concen: 5.340 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU056617.D

Acq: 27 Nov 2023 16:21

Instrument :

MSVOA_U

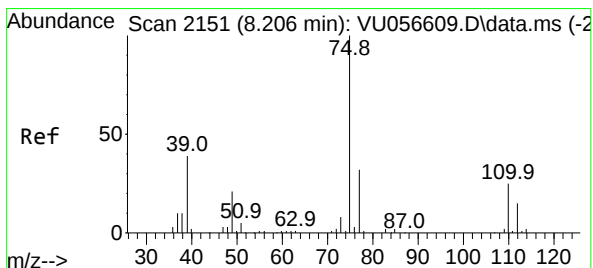
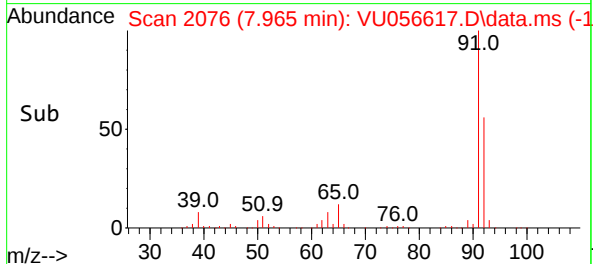
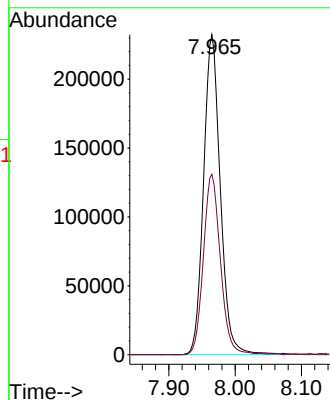
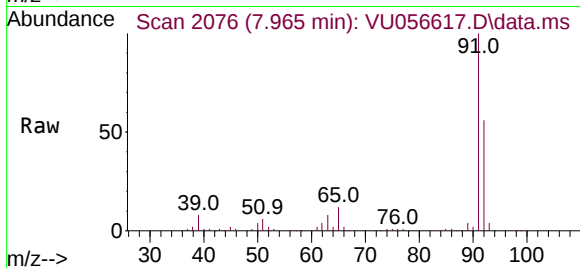
ClientSampleId :

Tgt Ion: 91 Resp: 407444

Ion Ratio Lower Upper

91 100

92 56.3 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 5.371 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU056617.D

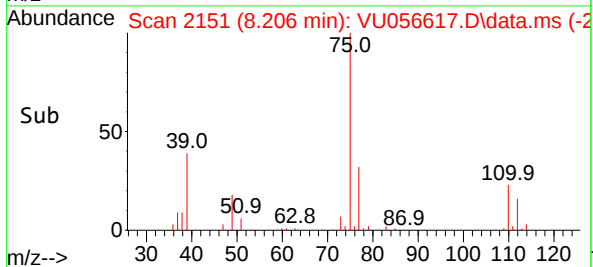
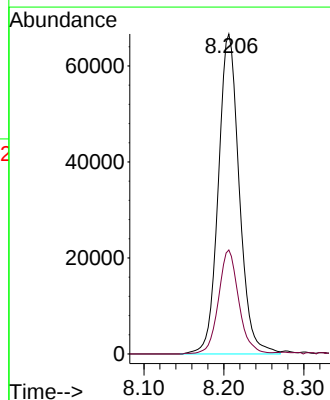
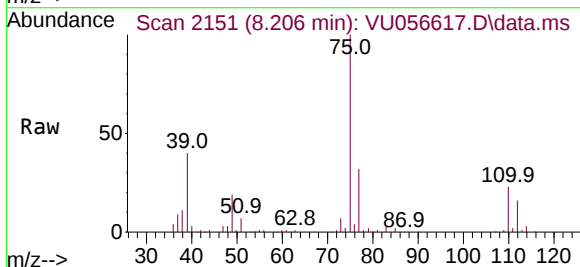
Acq: 27 Nov 2023 16:21

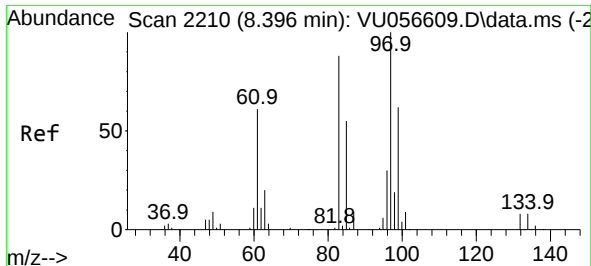
Tgt Ion: 75 Resp: 120926

Ion Ratio Lower Upper

75 100

77 32.5 22.8 42.4

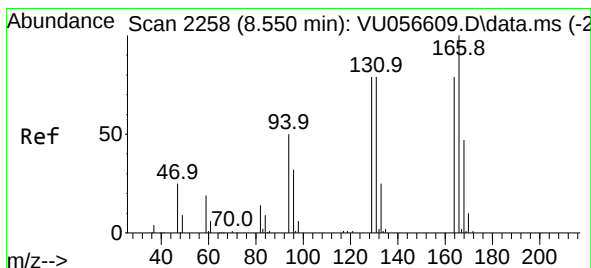
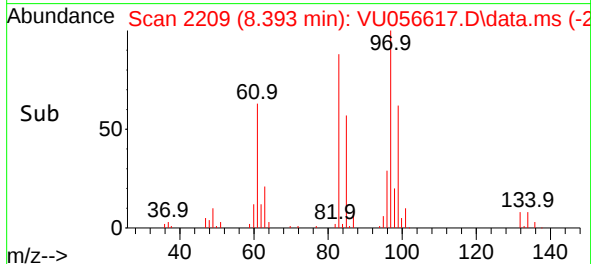
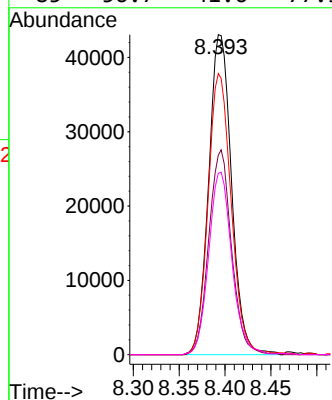
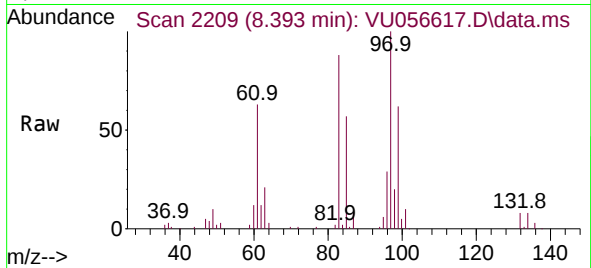




#45
1,1,2-Trichloroethane
Concen: 5.848 ug/L
RT: 8.393 min Scan# 2210
Delta R.T. -0.003 min
Lab File: VU056617.D
Acq: 27 Nov 2023 16:21

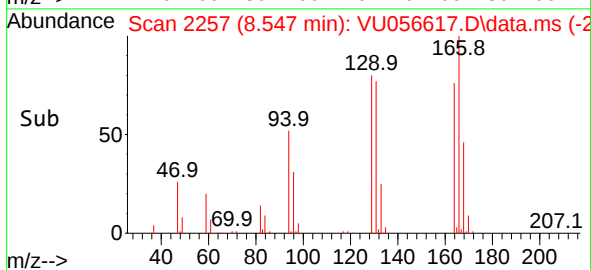
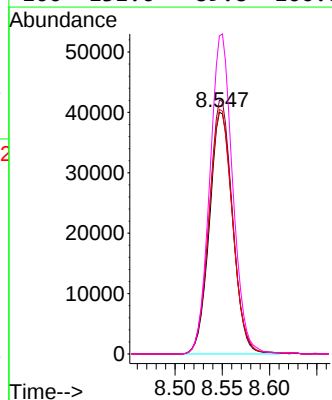
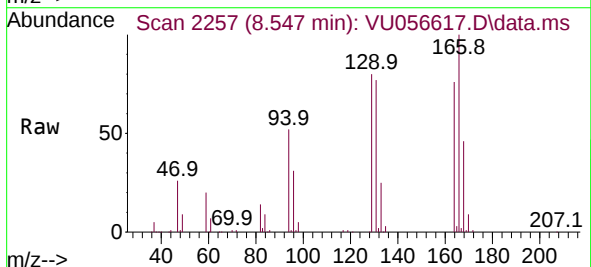
Instrument :
MSVOA_U
ClientSampleId :

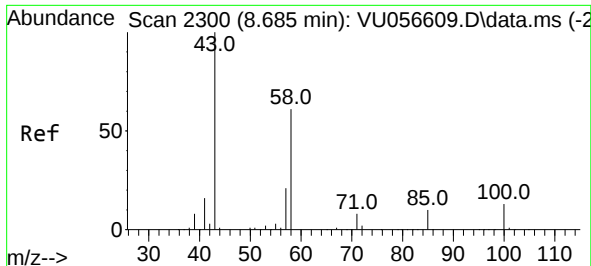
Tgt Ion: 97	Resp: 74846
Ion Ratio	Lower Upper
97 100	
99 62.4	44.3 82.3
83 87.9	65.4 121.4
85 56.7	41.6 77.3



#47
Tetrachloroethene
Concen: 5.070 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VU056617.D
Acq: 27 Nov 2023 16:21

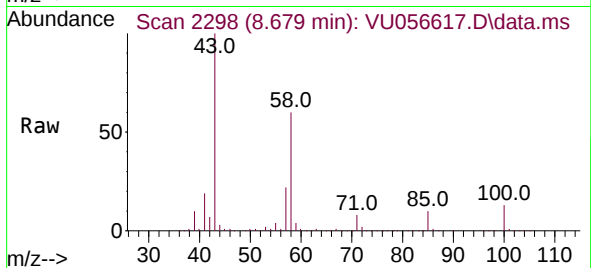
Tgt Ion: 164	Resp: 68642
Ion Ratio	Lower Upper
164 100	
129 105.0	71.0 131.9
131 101.2	70.3 130.7
166 131.6	89.8 166.8





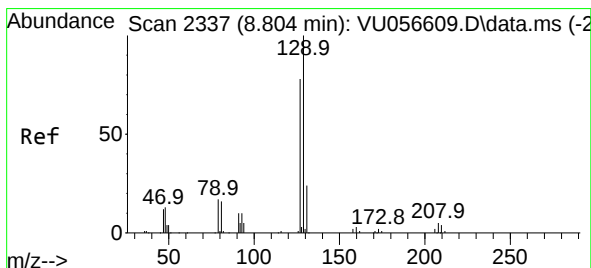
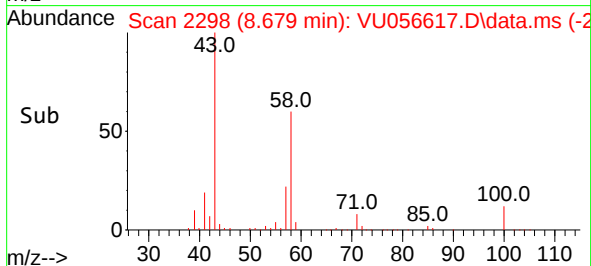
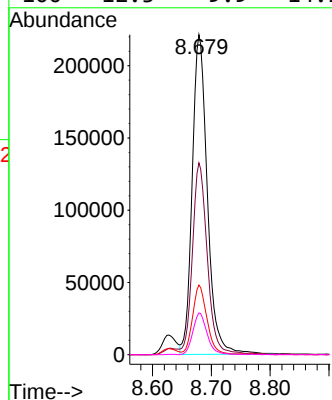
#48
2-Hexanone
Concen: 53.274 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.007 min
Lab File: VU056617.D
Acq: 27 Nov 2023 16:21

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 395389

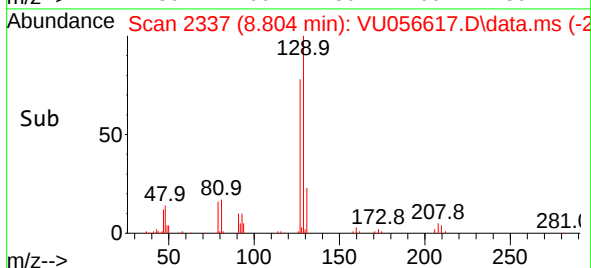
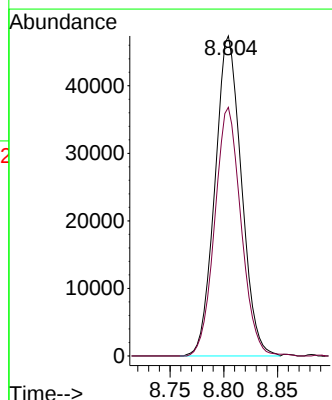
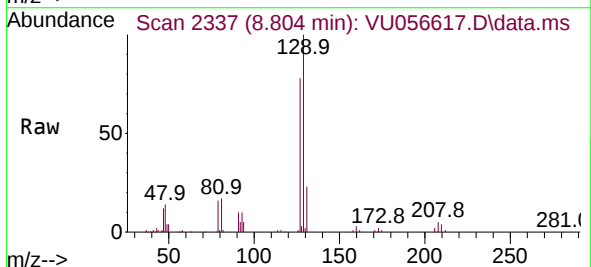
Ion	Ratio	Lower	Upper
43	100		
58	58.0	48.7	73.1
57	20.3	16.8	25.2
100	12.3	9.9	14.9

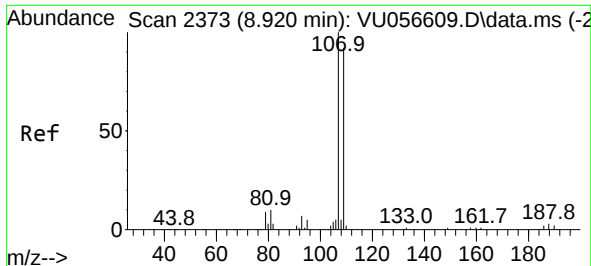


#49
Dibromochloromethane
Concen: 5.569 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU056617.D
Acq: 27 Nov 2023 16:21

Tgt Ion: 129 Resp: 81063

Ion	Ratio	Lower	Upper
129	100		
127	77.7	52.9	98.3





#50

1,2-Dibromoethane

Concen: 5.307 ug/L

RT: 8.917 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU056617.D

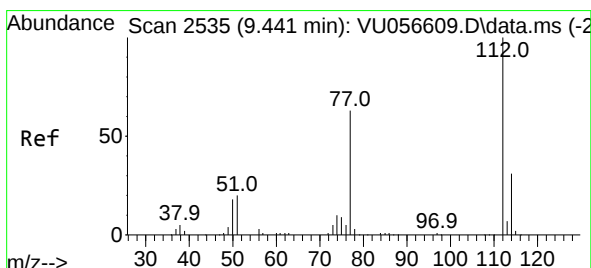
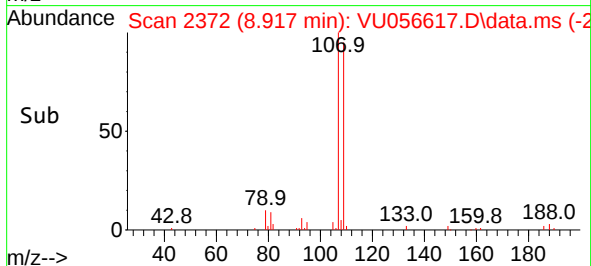
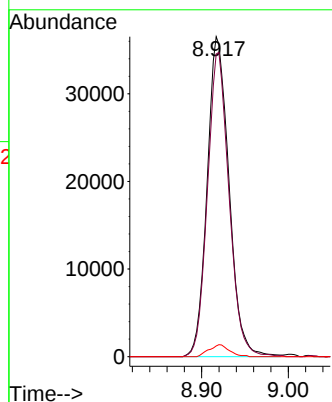
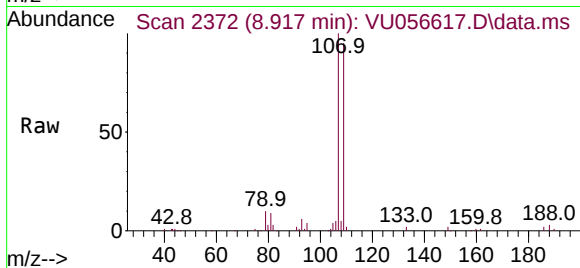
Acq: 27 Nov 2023 16:21

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:107	Resp:	64128
Ion	Ratio	Lower Upper
107	100	
109	94.6	64.2 119.2
188	3.3	2.6 4.0



#51

Chlorobenzene

Concen: 5.221 ug/L

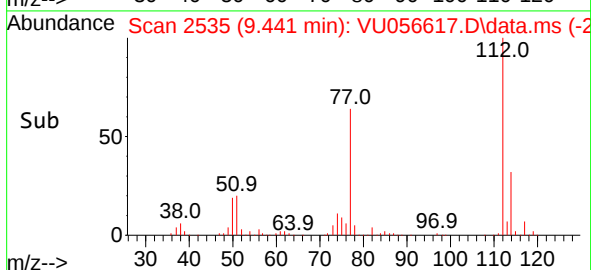
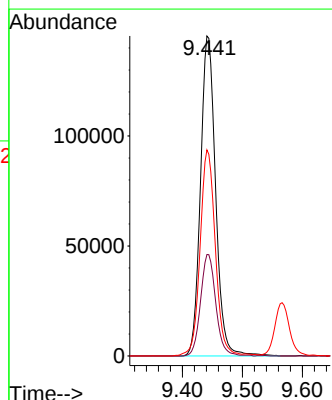
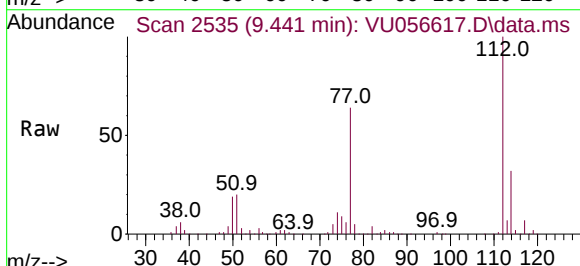
RT: 9.441 min Scan# 2535

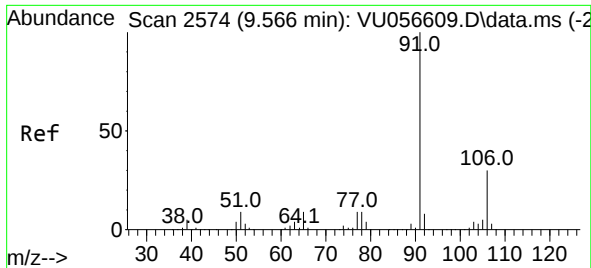
Delta R.T. -0.000 min

Lab File: VU056617.D

Acq: 27 Nov 2023 16:21

Tgt Ion:112	Resp:	255960
Ion	Ratio	Lower Upper
112	100	
114	31.7	22.5 41.7
77	64.4	51.7 77.5

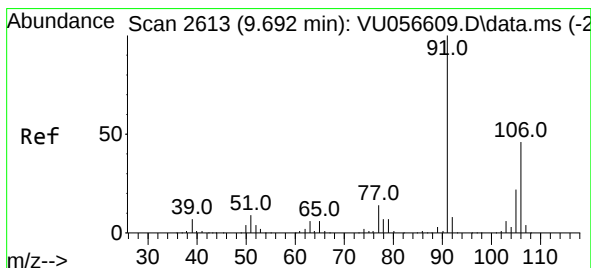
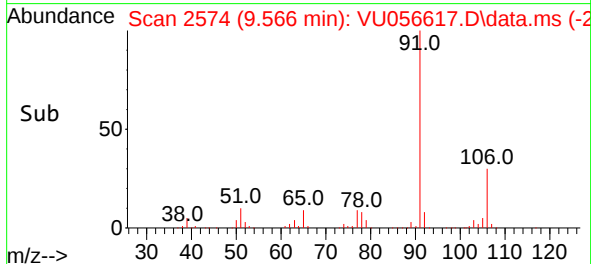
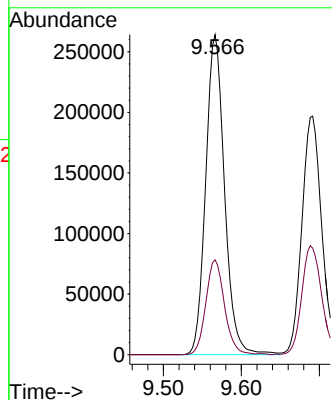
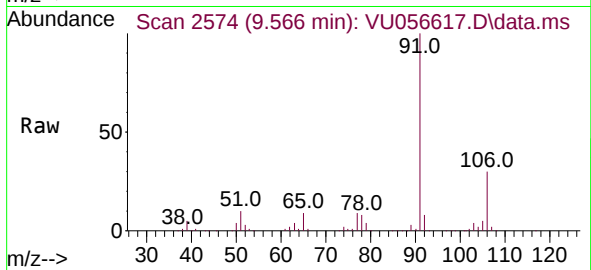




#52
Ethylbenzene
Concen: 5.235 ug/L
RT: 9.566 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056617.D
Acq: 27 Nov 2023 16:21

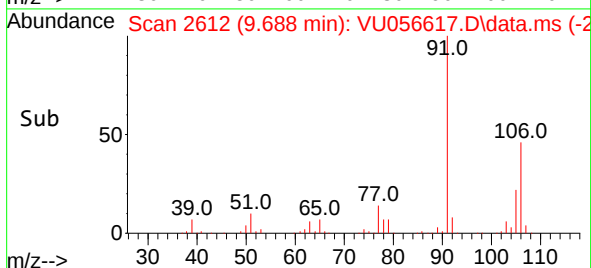
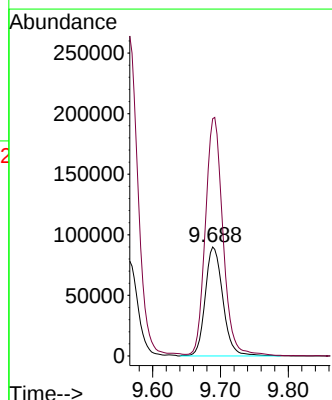
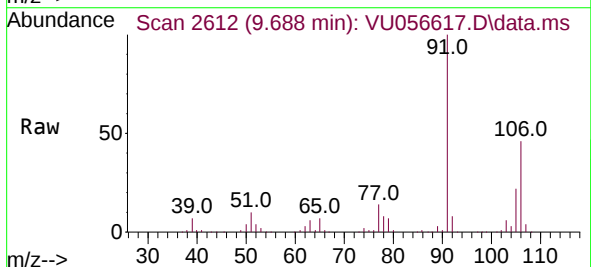
Instrument :
MSVOA_U
ClientSampleId :

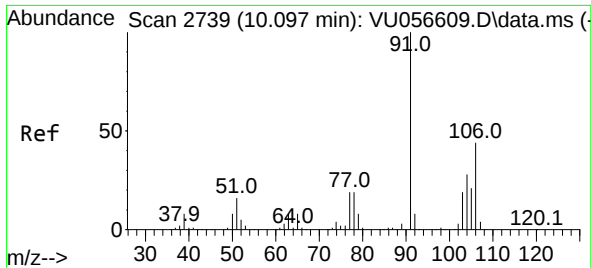
Tgt Ion: 91 Resp: 443549
Ion Ratio Lower Upper
91 100
106 29.7 21.1 39.1



#53
m,p-Xylene
Concen: 5.229 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.003 min
Lab File: VU056617.D
Acq: 27 Nov 2023 16:21

Tgt Ion: 106 Resp: 162864
Ion Ratio Lower Upper
106 100
91 217.9 149.6 277.8

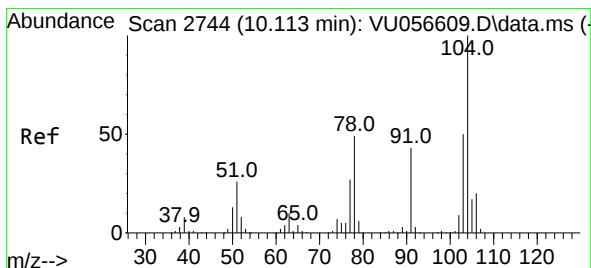
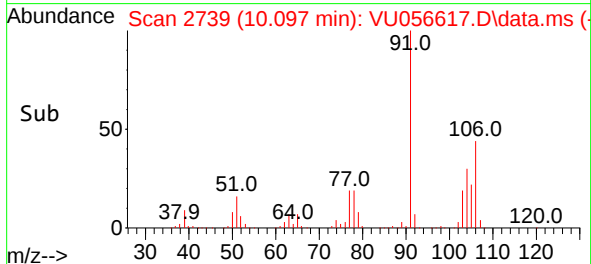
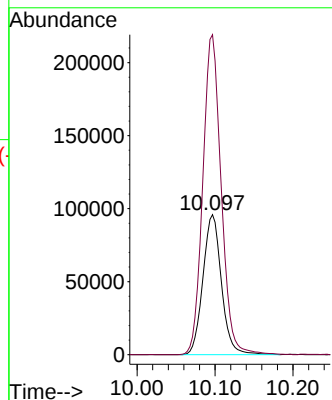
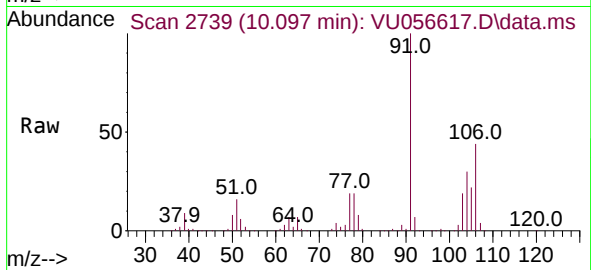




#54
o-Xylene
Concen: 5.231 ug/L
RT: 10.097 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056617.D
Acq: 27 Nov 2023 16:21

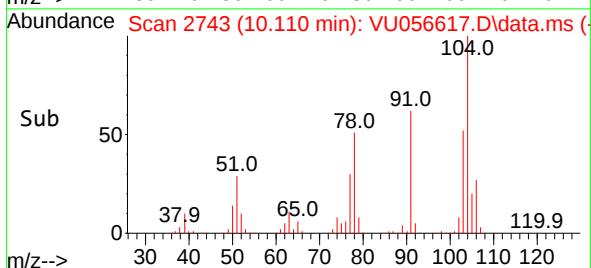
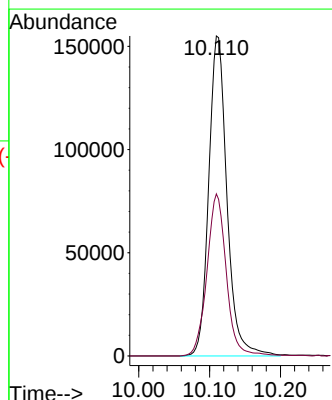
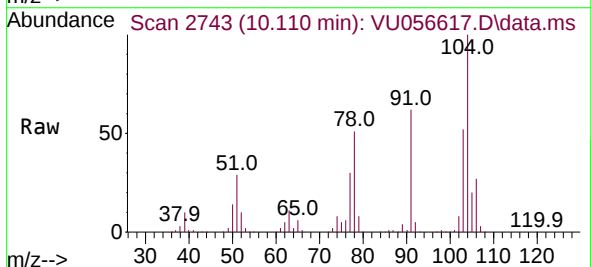
Instrument :
MSVOA_U
ClientSampleId :

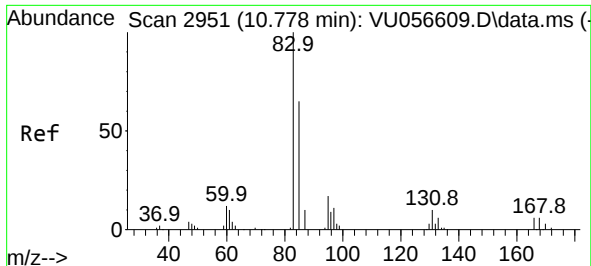
Tgt Ion:106 Resp: 158265
Ion Ratio Lower Upper
106 100
91 228.5 159.3 295.9



#55
Styrene
Concen: 5.504 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.003 min
Lab File: VU056617.D
Acq: 27 Nov 2023 16:21

Tgt Ion:104 Resp: 277015
Ion Ratio Lower Upper
104 100
78 50.7 34.2 63.6





#57

1,1,2,2-Tetrachloroethane

Concen: 5.833 ug/L

RT: 10.775 min Scan# 2951

Delta R.T. -0.003 min

Lab File: VU056617.D

Acq: 27 Nov 2023 16:21

Instrument :

MSVOA_U

ClientSampleId :

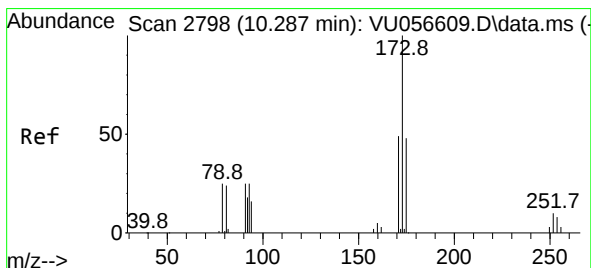
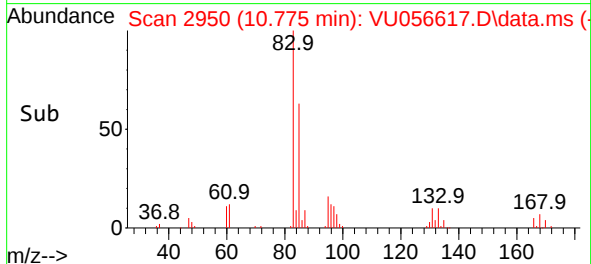
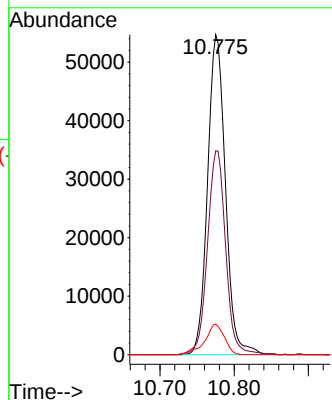
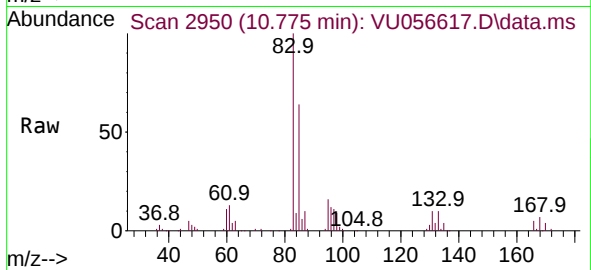
Tgt Ion: 83 Resp: 91166

Ion Ratio Lower Upper

83 100

85 63.7 46.3 86.1

131 9.5 6.7 10.1



#59

Bromoform

Concen: 5.625 ug/L

RT: 10.286 min Scan# 2798

Delta R.T. -0.000 min

Lab File: VU056617.D

Acq: 27 Nov 2023 16:21

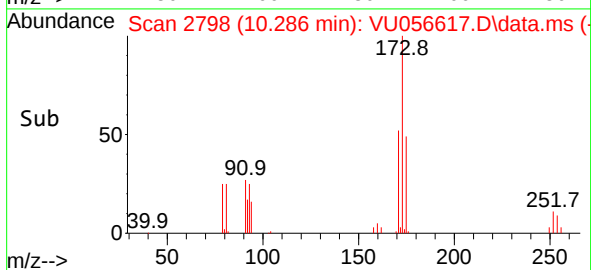
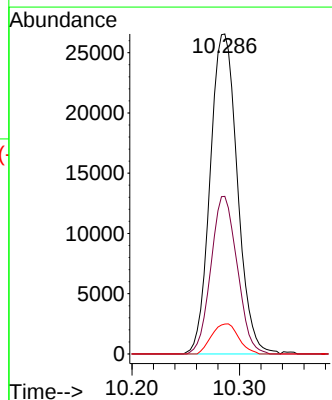
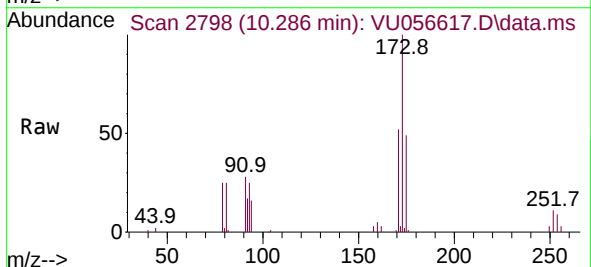
Tgt Ion:173 Resp: 46632

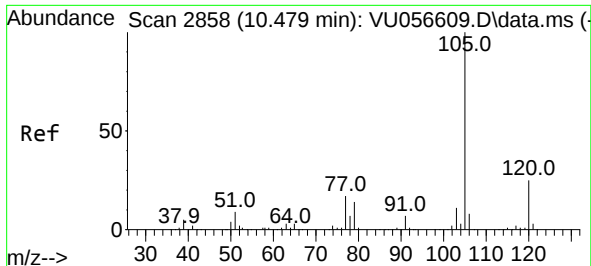
Ion Ratio Lower Upper

173 100

175 47.6 38.9 58.3

254 9.3 6.7 10.1

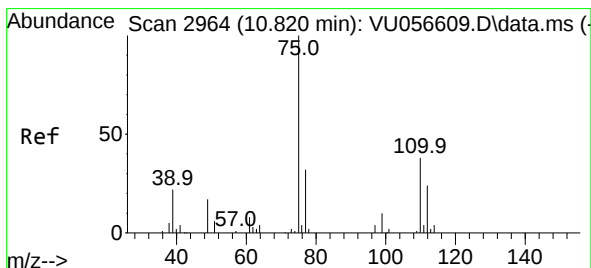
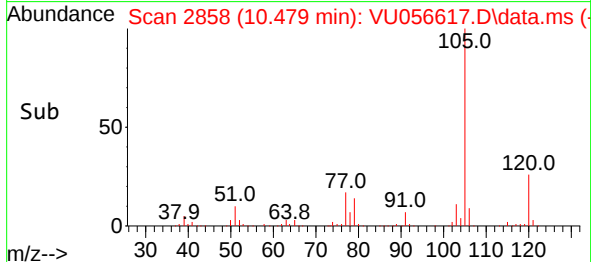
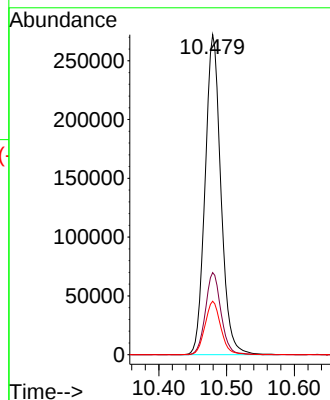
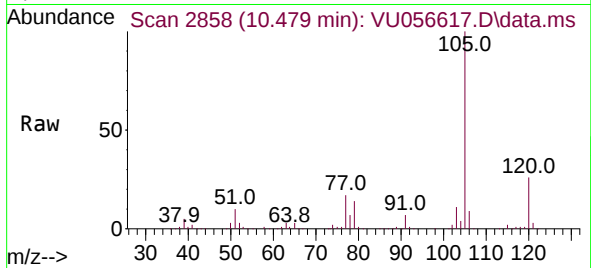




#60
Isopropylbenzene
Concen: 5.129 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU056617.D
Acq: 27 Nov 2023 16:21

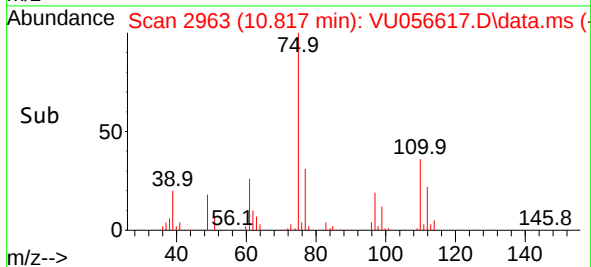
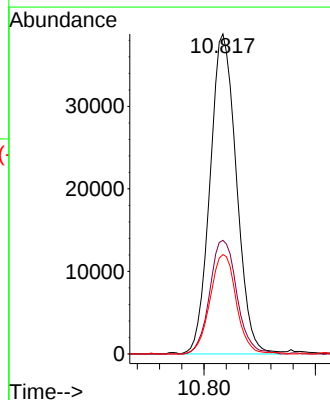
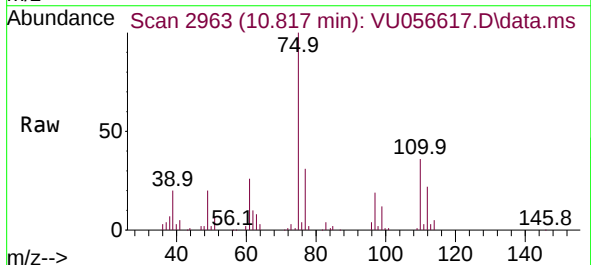
Instrument :
MSVOA_U
ClientSampleId :

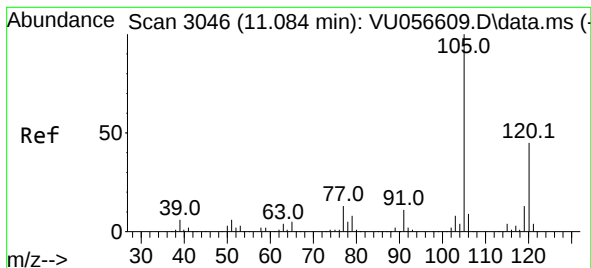
Tgt Ion:105 Resp: 440226
Ion Ratio Lower Upper
105 100
120 25.3 20.4 30.6
77 16.7 13.3 19.9



#61
1,2,3-Trichloropropane
Concen: 5.585 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. -0.003 min
Lab File: VU056617.D
Acq: 27 Nov 2023 16:21

Tgt Ion: 75 Resp: 63781
Ion Ratio Lower Upper
75 100
110 36.5 30.4 45.6
77 31.0 27.0 40.6

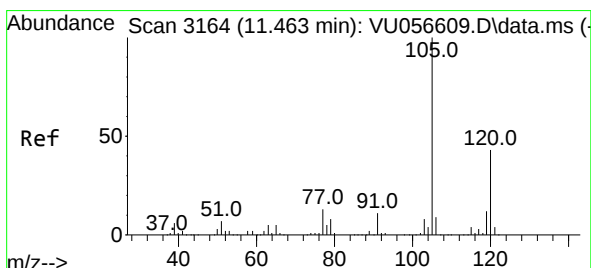
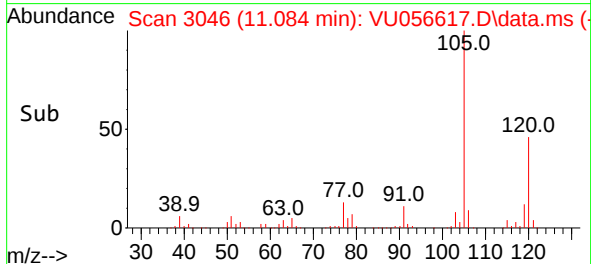
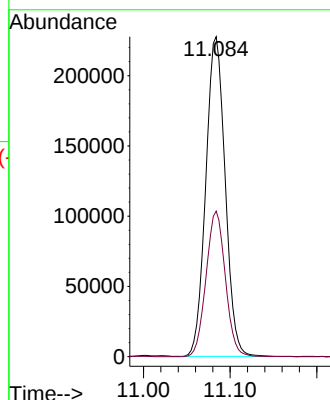
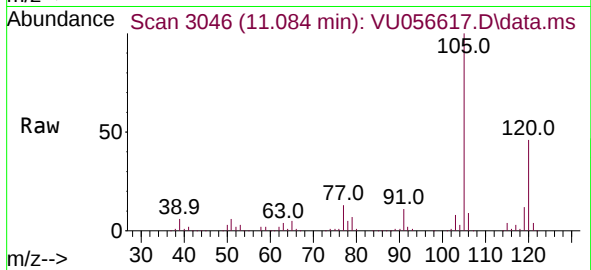




#62
1,3,5-Trimethylbenzene
Concen: 5.017 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU056617.D
Acq: 27 Nov 2023 16:21

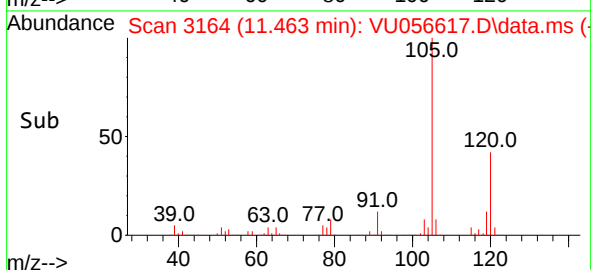
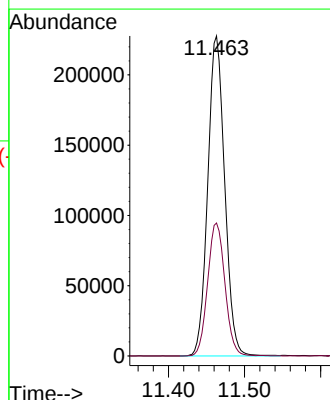
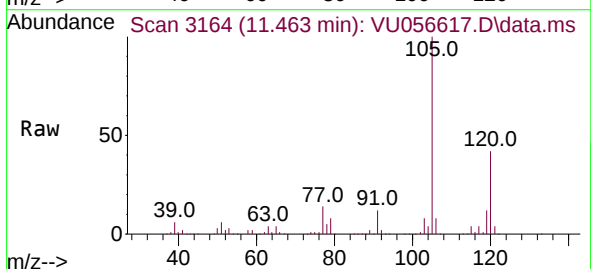
Instrument :
MSVOA_U
ClientSampleId :

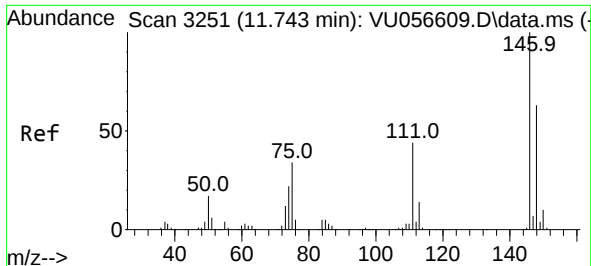
Tgt Ion:105 Resp: 353595
Ion Ratio Lower Upper
105 100
120 45.3 37.2 55.8



#63
1,2,4-Trimethylbenzene
Concen: 5.057 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VU056617.D
Acq: 27 Nov 2023 16:21

Tgt Ion:105 Resp: 351796
Ion Ratio Lower Upper
105 100
120 42.4 34.0 51.0

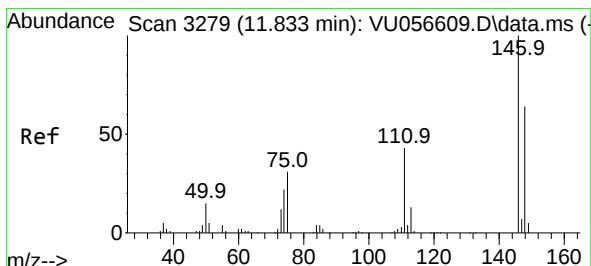
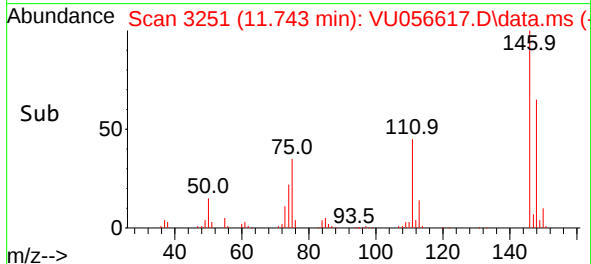
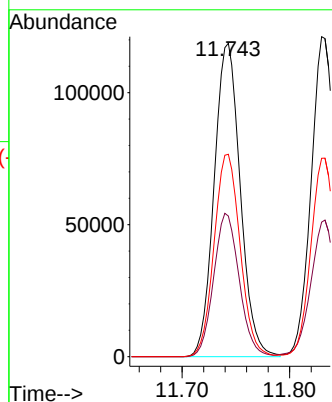
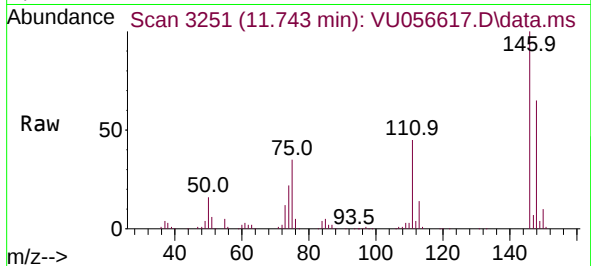




#64
1,3-Dichlorobenzene
Concen: 5.121 ug/L
RT: 11.743 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU056617.D
Acq: 27 Nov 2023 16:21

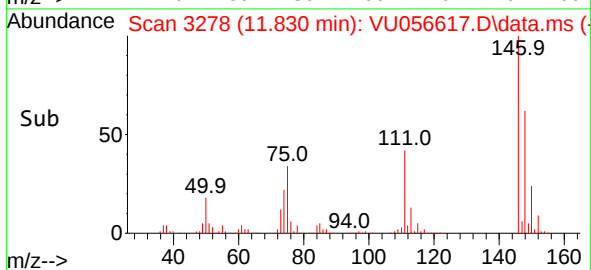
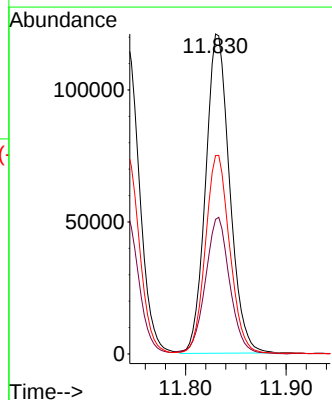
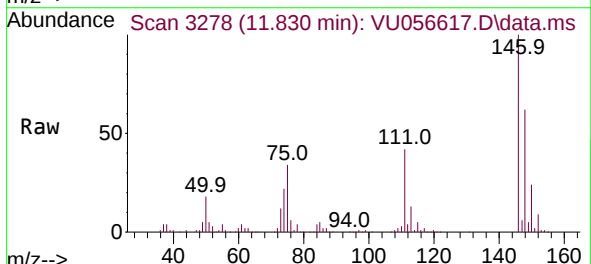
Instrument :
MSVOA_U
ClientSampleId :

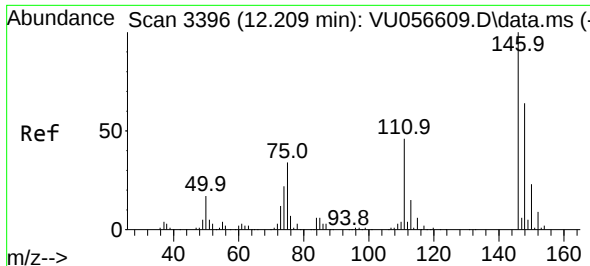
Tgt Ion:146 Resp: 199938
Ion Ratio Lower Upper
146 100
111 44.8 31.1 57.7
148 64.5 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 5.131 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.003 min
Lab File: VU056617.D
Acq: 27 Nov 2023 16:21

Tgt Ion:146 Resp: 200957
Ion Ratio Lower Upper
146 100
111 42.0 30.5 56.7
148 62.0 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 5.265 ug/L

RT: 12.206 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU056617.D

Acq: 27 Nov 2023 16:21

Instrument :

MSVOA_U

ClientSampleId :

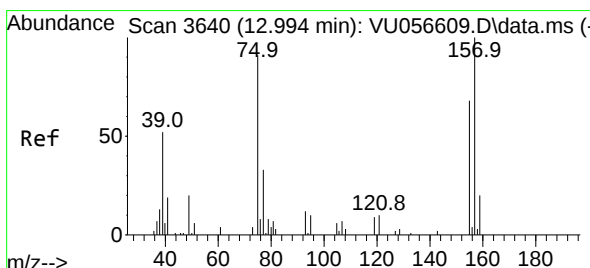
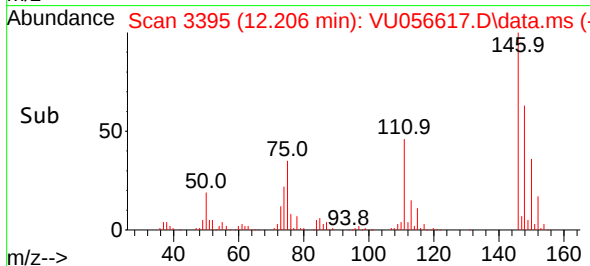
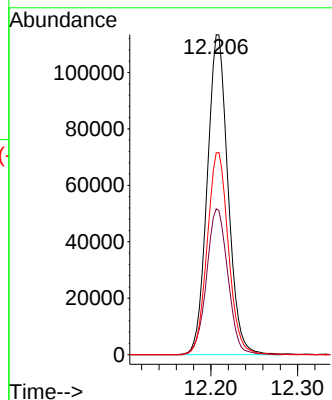
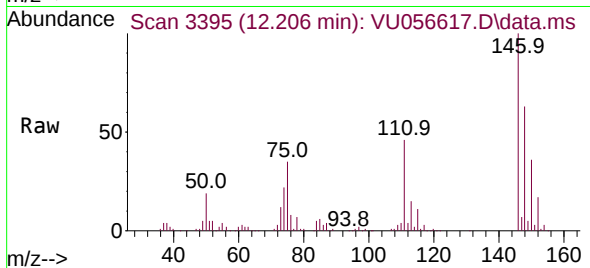
Tgt Ion:146 Resp: 188605

Ion Ratio Lower Upper

146 100

111 45.6 38.3 57.5

148 63.0 52.2 78.4



#68

1,2-Dibromo-3-chloropropane

Concen: 4.943 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. -0.000 min

Lab File: VU056617.D

Acq: 27 Nov 2023 16:21

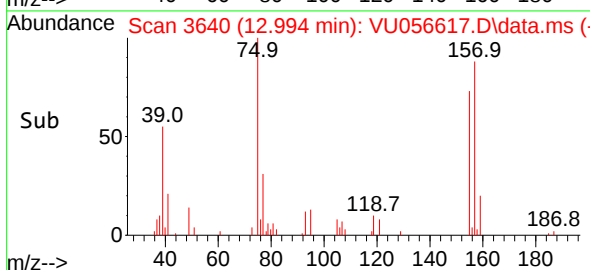
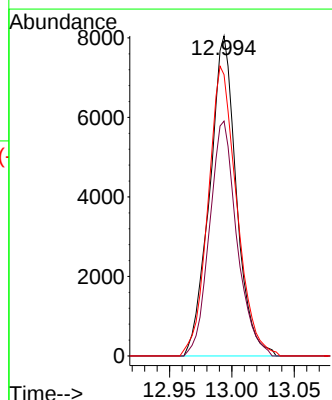
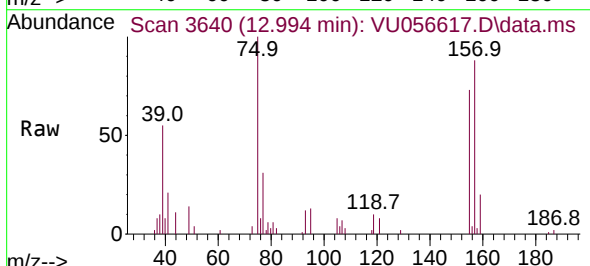
Tgt Ion: 75 Resp: 12058

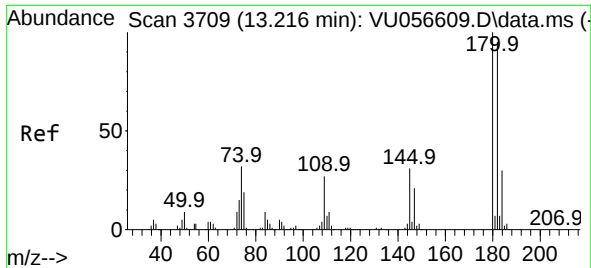
Ion Ratio Lower Upper

75 100

155 73.4 62.4 93.6

157 87.9 80.2 120.2





#69

1,3,5-Trichlorobenzene

Concen: 5.245 ug/L

RT: 13.212 min Scan# 3709

Delta R.T. -0.003 min

Lab File: VU056617.D

Acq: 27 Nov 2023 16:21

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 154183

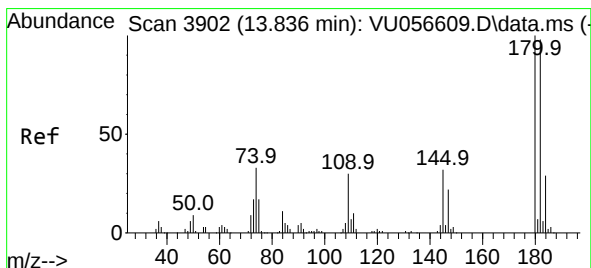
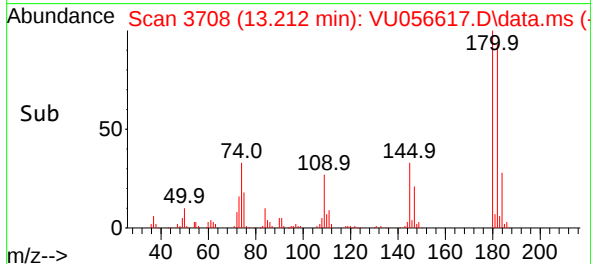
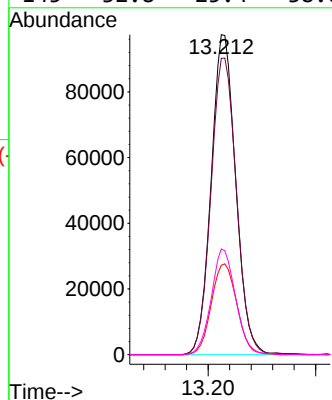
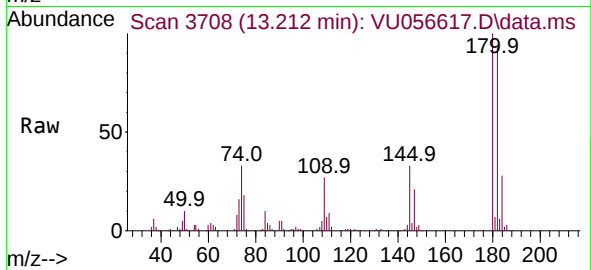
Ion Ratio Lower Upper

180 100

182 95.9 75.1 112.7

184 29.7 23.5 35.3

145 32.8 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 4.843 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. -0.000 min

Lab File: VU056617.D

Acq: 27 Nov 2023 16:21

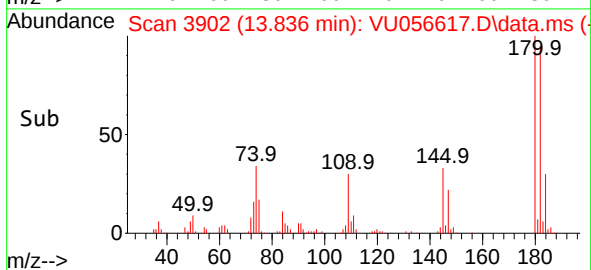
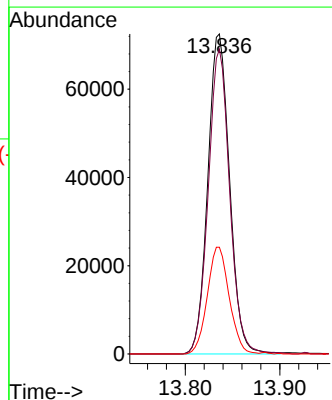
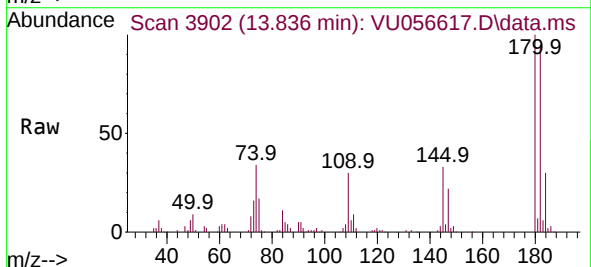
Tgt Ion:180 Resp: 115951

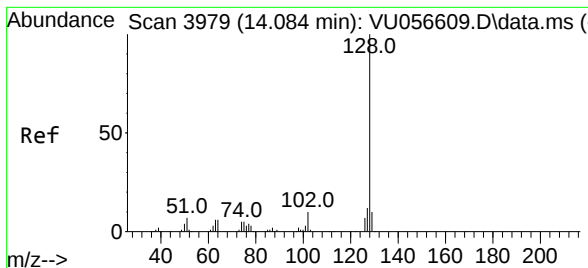
Ion Ratio Lower Upper

180 100

182 94.1 75.4 113.2

145 33.6 26.8 40.2





#71

Naphthalene

Concen: 4.469 ug/L

RT: 14.080 min Scan# 3979

Delta R.T. -0.003 min

Lab File: VU056617.D

Acq: 27 Nov 2023 16:21

Instrument :

MSVOA_U

ClientSampleId :

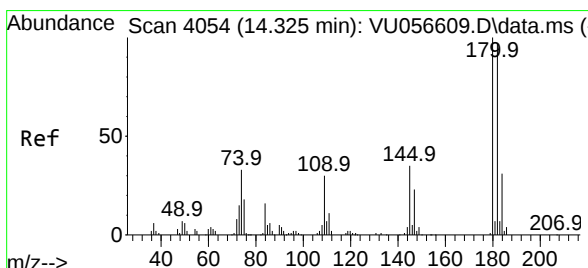
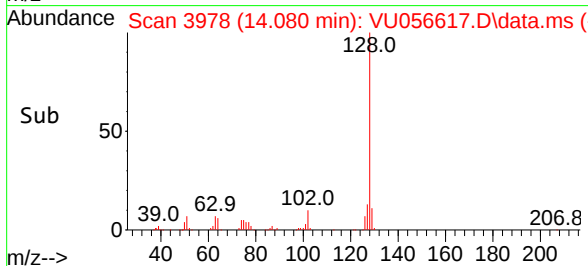
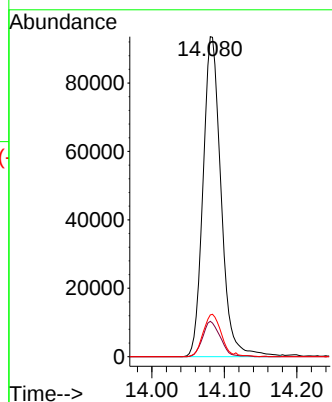
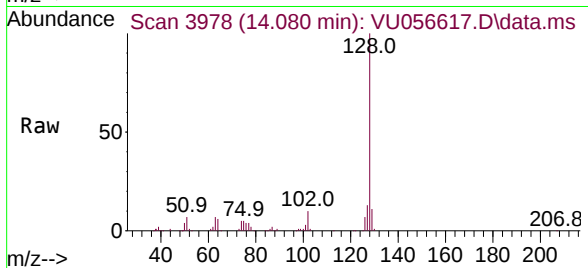
Tgt Ion:128 Resp: 161691

Ion Ratio Lower Upper

128 100

129 10.8 8.6 12.8

127 13.5 10.3 15.5



#72

1,2,3-Trichlorobenzene

Concen: 4.863 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. -0.000 min

Lab File: VU056617.D

Acq: 27 Nov 2023 16:21

Tgt Ion:180 Resp: 95918

Ion Ratio Lower Upper

180 100

182 96.6 78.6 117.8

145 35.9 29.0 43.6

