

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121123\
 Data File : VU056774.D
 Acq On : 12 Dec 2023 08:38
 Operator : MD/SY
 Sample : 05675-09MSD
 Misc : 25.2mL/MSVOA_U/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AB0MSD

Quant Time: Dec 12 11:05:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 12 02:01:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	256901	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	247697	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	123842	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	106208	4.823	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.400%
7) Chloroethane-d5	1.907	69	73860	4.482	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.600%
11) 1,1-Dichloroethene-d2	2.563	65	46320	4.916	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.400%
20) 2-Butanone-d5	4.618	46	223273	51.342	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.680%
24) Chloroform-d	5.055	84	214052	5.133	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.600%
26) 1,2-Dichloroethane-d4	5.695	65	100677	5.102	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
32) Benzene-d6	5.721	84	410511	5.343	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.800%
36) 1,2-Dichloropropane-d6	6.682	67	126979	5.280	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.600%
41) Toluene-d8	7.894	98	364445	5.307	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.200%
43) trans-1,3-Dichloroprop...	8.174	79	48030	5.150	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.000%
46) 2-Hexanone-d5	8.627	63	198405	56.410	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.820%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	95038	5.462	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	122426	5.029	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	133185	4.947	ug/L	99
3) Chloromethane	1.518	50	131580	4.971	ug/L	97
5) Vinyl chloride	1.602	62	130422	4.962	ug/L	98
6) Bromomethane	1.853	94	67621	4.363	ug/L	99
8) Chloroethane	1.930	64	70470	4.576	ug/L	96
9) Trichlorofluoromethane	2.136	101	187314	5.056	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	111009	4.886	ug/L	99
12) 1,1-Dichloroethene	2.576	96	126786	6.079	ug/L	92
13) Acetone	2.628	43	126710	47.811	ug/L	99
14) Carbon disulfide	2.788	76	350964	4.850	ug/L	99
15) Methyl Acetate	2.946	43	31255	4.332	ug/L	100
16) Methylene chloride	3.042	84	109934	4.838	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	259190	5.604	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	106807	5.051	ug/L	99
19) 1,1-Dichloroethane	3.859	63	218408	5.369	ug/L	98
21) 2-Butanone	4.698	43	217424	48.649	ug/L	99
22) cis-1,2-Dichloroethene	4.656	96	138119	6.004	ug/L	96
23) Bromochloromethane	4.968	128	49617	5.152	ug/L	96
25) Chloroform	5.081	83	222049	5.211	ug/L	99

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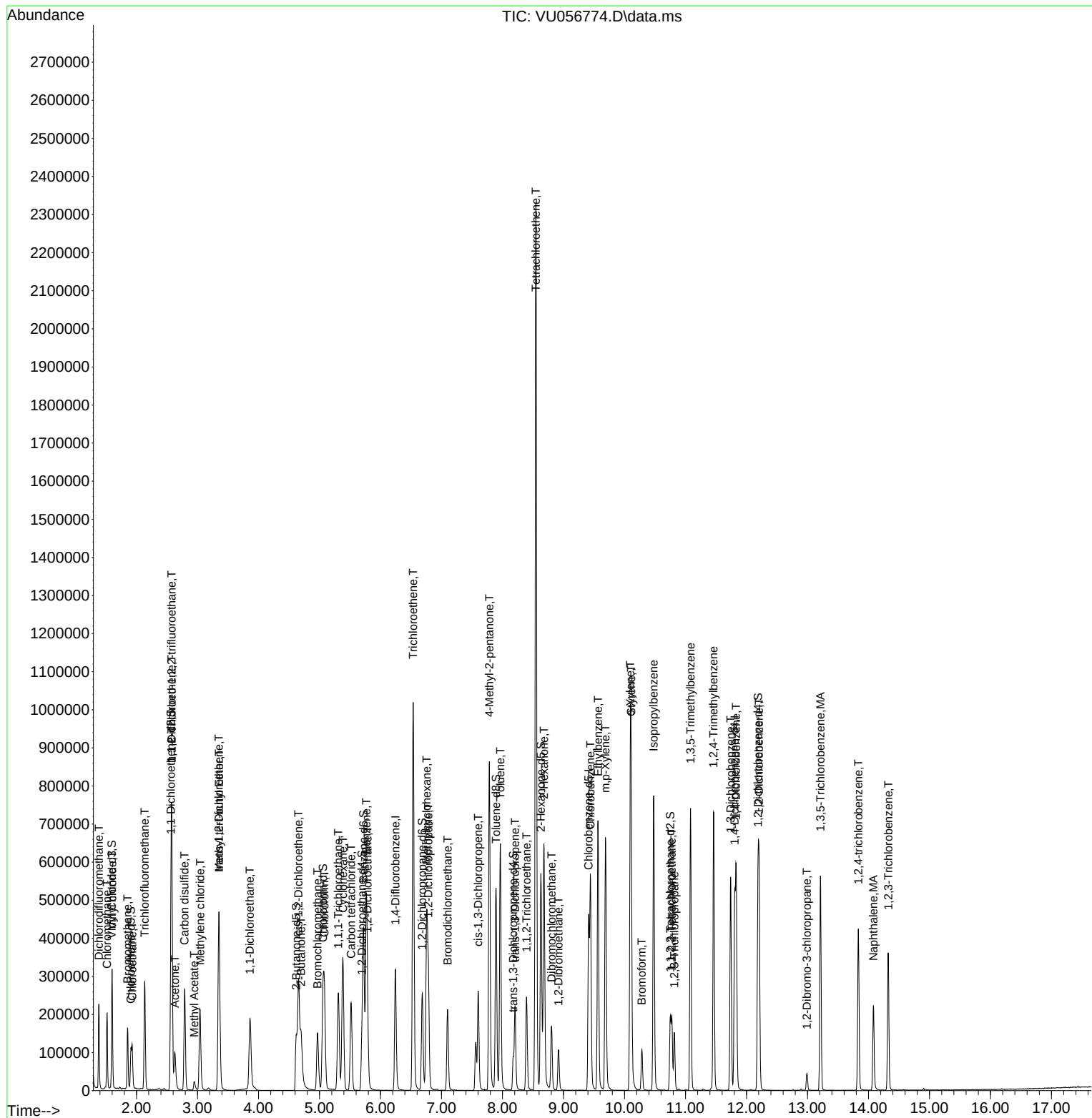
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	124158	4.927	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	189028	5.279	ug/L	99
30) Cyclohexane	5.383	56	177218	5.274	ug/L	99
31) Carbon tetrachloride	5.518	117	160737	5.165	ug/L	98
33) Benzene	5.766	78	458971	5.272	ug/L	100
34) Trichloroethene	6.534	95	369475	15.473	ug/L	99
35) Methylcyclohexane	6.759	83	179407	5.091	ug/L	99
37) 1,2-Dichloropropane	6.785	63	117095	5.258	ug/L	99
38) Bromodichloromethane	7.100	83	144383	5.084	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	160508	4.946	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	553475	52.344	ug/L	98
42) Toluene	7.965	91	483941	5.373	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	131061	4.927	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	79283	5.266	ug/L	97
47) Tetrachloroethene	8.547	164	496792	29.727	ug/L	98
48) 2-Hexanone	8.679	43	406895	54.030	ug/L	99
49) Dibromochloromethane	8.804	129	88708	5.126	ug/L	100
50) 1,2-Dibromoethane	8.920	107	72220	5.169	ug/L	98
51) Chlorobenzene	9.441	112	298411	5.198	ug/L	98
52) Ethylbenzene	9.566	91	517823	5.212	ug/L	98
53) m,p-Xylene	9.688	106	192634	5.204	ug/L	99
54) o-Xylene	10.094	106	184264	5.225	ug/L	100
55) Styrene	10.110	104	308504	5.327	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	94147	5.176	ug/L	99
59) Bromoform	10.283	173	48994	4.845	ug/L	99
60) Isopropylbenzene	10.479	105	508498	5.197	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	64943	4.884	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	403261	5.043	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	407934	5.136	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	226677	4.897	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	220548	4.839	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	207560	4.923	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.987	75	13152	4.954	ug/L	91
69) 1,3,5-Trichlorobenzene	13.212	180	159365	4.557	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	126011	4.550	ug/L	98
71) Naphthalene	14.081	128	182454	4.502	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	105575	4.490	ug/L	99

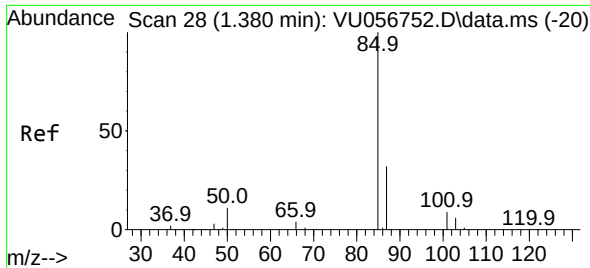
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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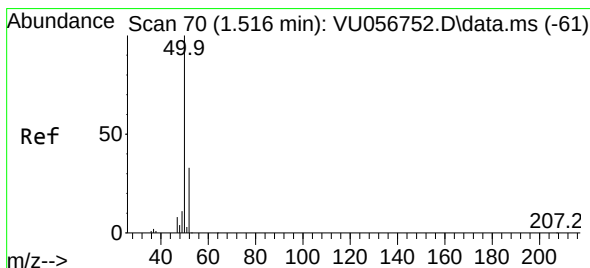
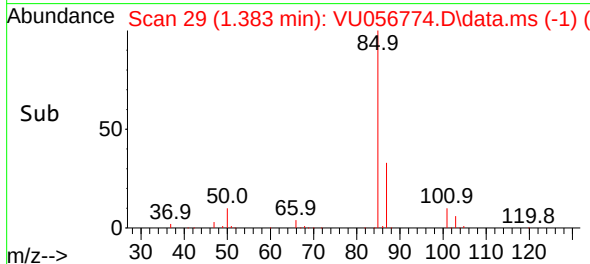
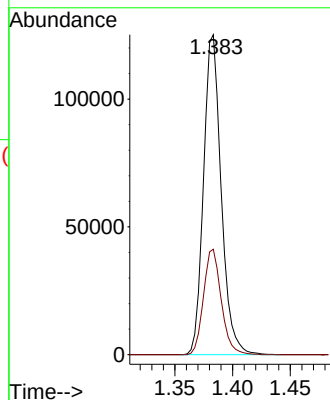
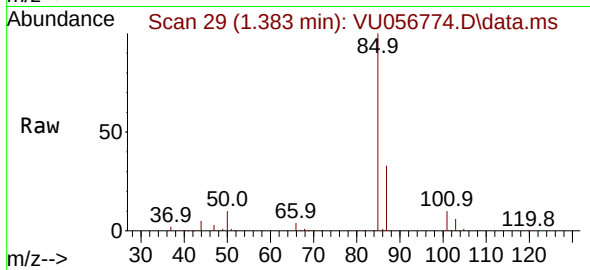




#2
 Dichlorodifluoromethane
 Concen: 4.947 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.003 min
 Lab File: VU056774.D
 Acq: 12 Dec 2023 08:38

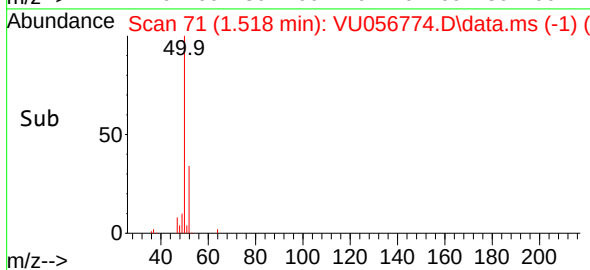
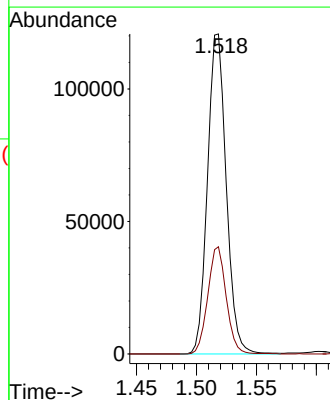
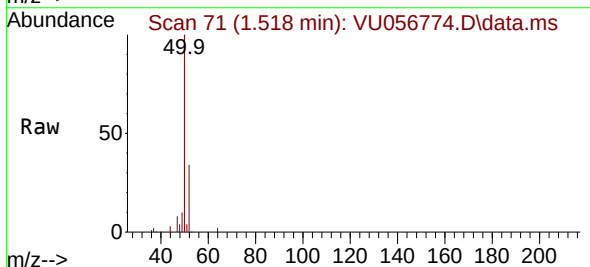
Instrument :
 MSVOA_U
 ClientSampleId :
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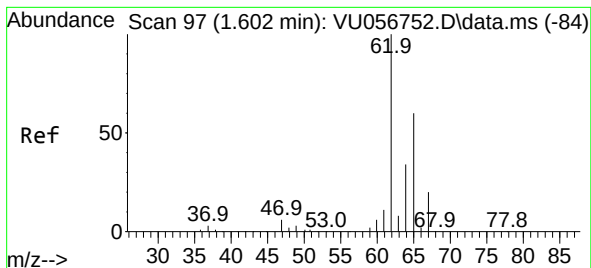
Tgt Ion: 85 Resp: 133185
 Ion Ratio Lower Upper
 85 100
 87 33.1 26.8 40.2



#3
 Chloromethane
 Concen: 4.971 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VU056774.D
 Acq: 12 Dec 2023 08:38

Tgt Ion: 50 Resp: 131580
 Ion Ratio Lower Upper
 50 100
 52 33.5 22.5 41.7





#5

Vinyl chloride

Concen: 4.962 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU056774.D

Acq: 12 Dec 2023 08:38

Instrument :

MSVOA_U

ClientSampleId :

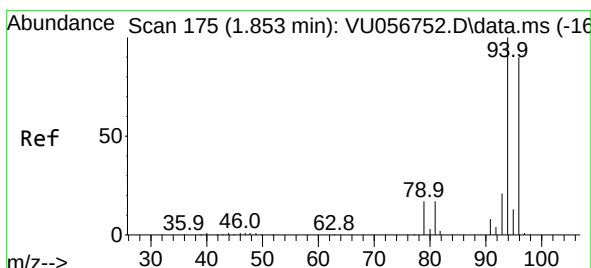
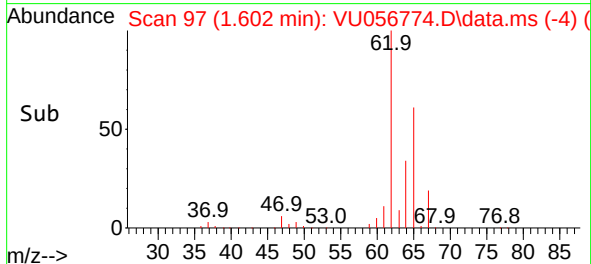
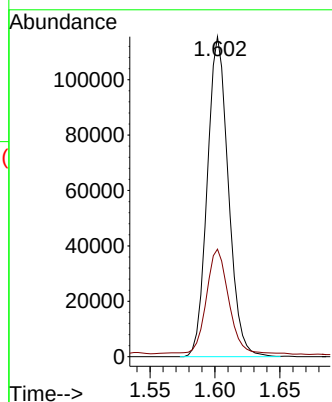
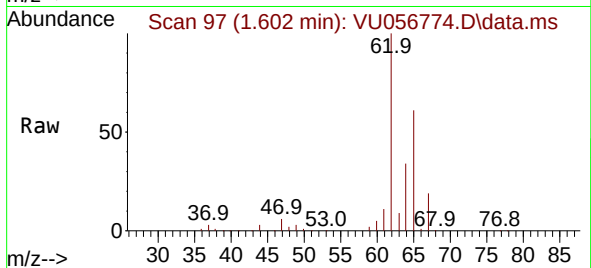
H0AB0MSD

Tgt Ion: 62 Resp: 130422

Ion Ratio Lower Upper

62 100

64 33.6 22.8 42.4



#6

Bromomethane

Concen: 4.363 ug/L

RT: 1.853 min Scan# 175

Delta R.T. -0.000 min

Lab File: VU056774.D

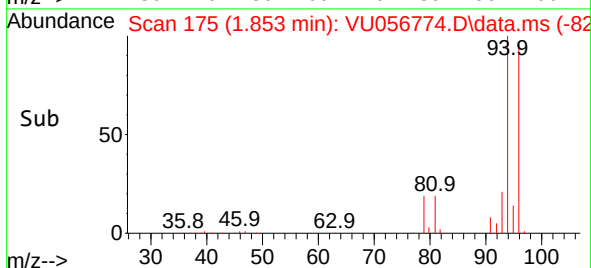
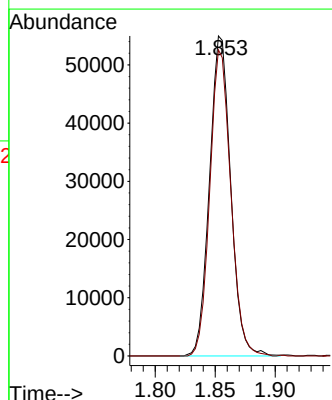
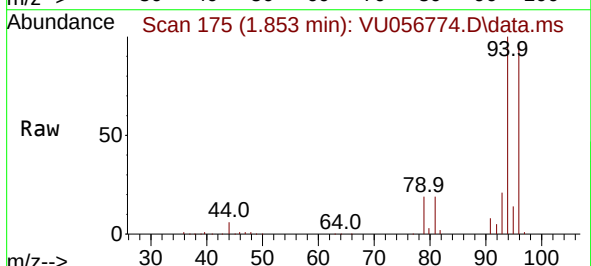
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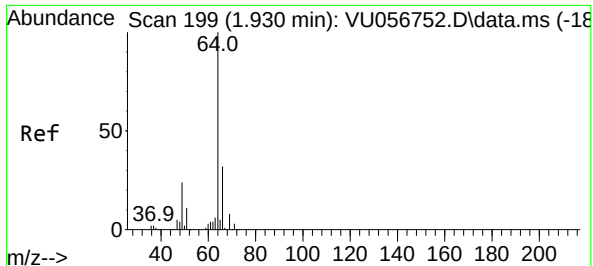
Tgt Ion: 94 Resp: 67621

Ion Ratio Lower Upper

94 100

96 95.7 67.8 125.8

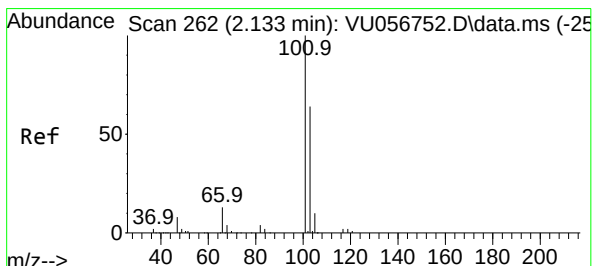
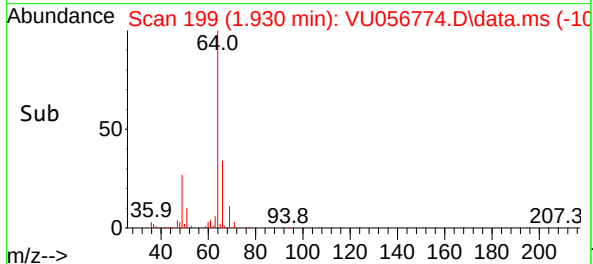
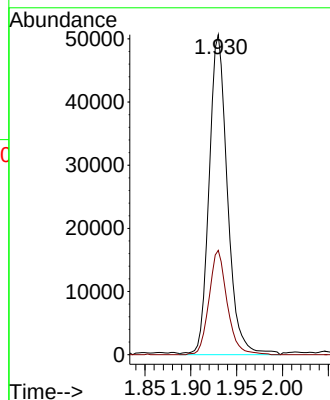
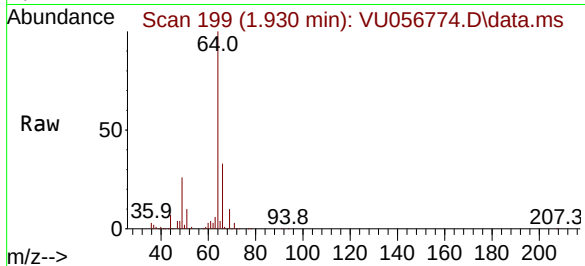




#8
Chloroethane
Concen: 4.576 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU056774.D
Acq: 12 Dec 2023 08:38

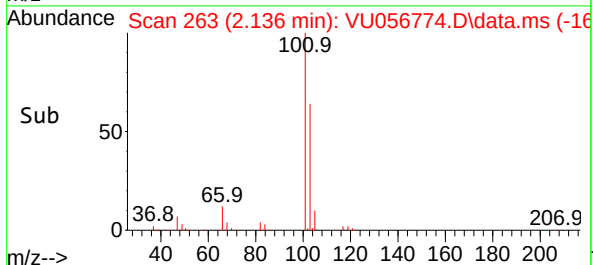
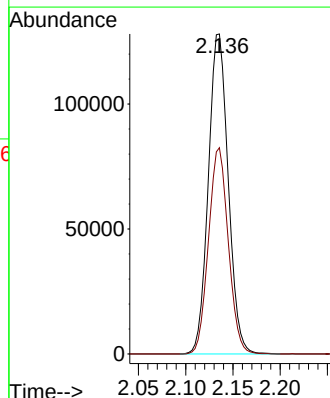
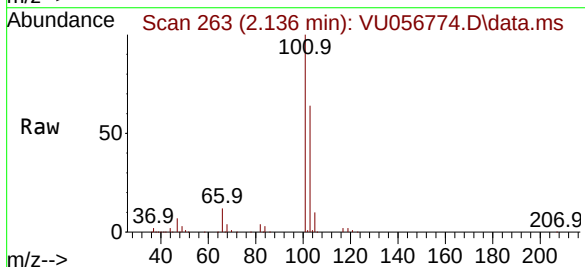
Instrument :
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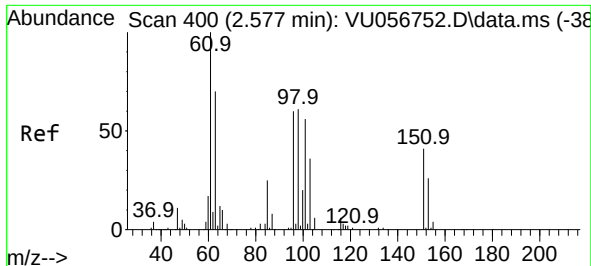
Tgt Ion: 64 Resp: 70470
Ion Ratio Lower Upper
64 100
66 32.6 21.4 39.8



#9
Trichlorofluoromethane
Concen: 5.056 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.003 min
Lab File: VU056774.D
Acq: 12 Dec 2023 08:38

Tgt Ion:101 Resp: 187314
Ion Ratio Lower Upper
101 100
103 64.1 51.4 77.2

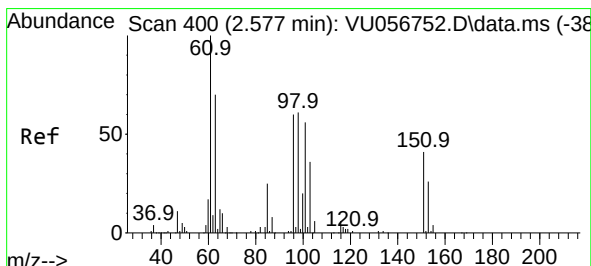
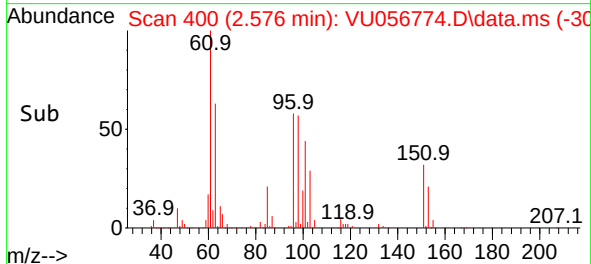
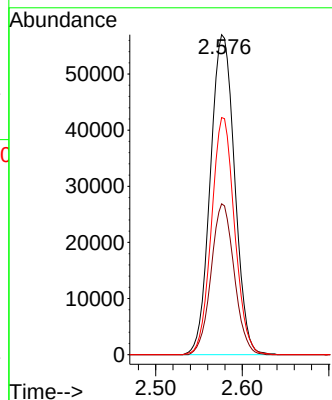
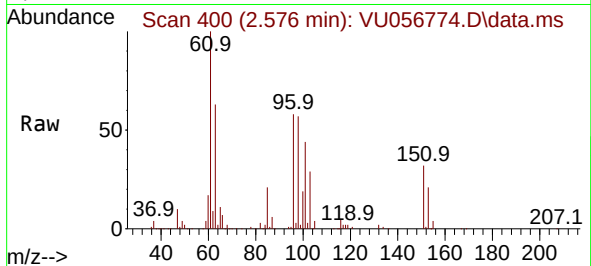




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.886 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU056774.D
 Acq: 12 Dec 2023 08:38

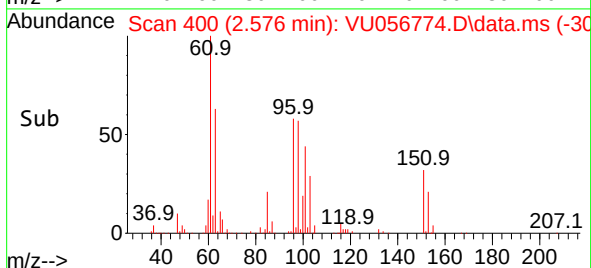
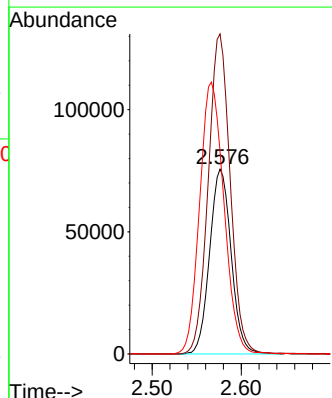
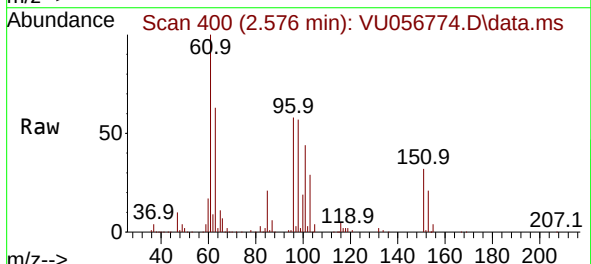
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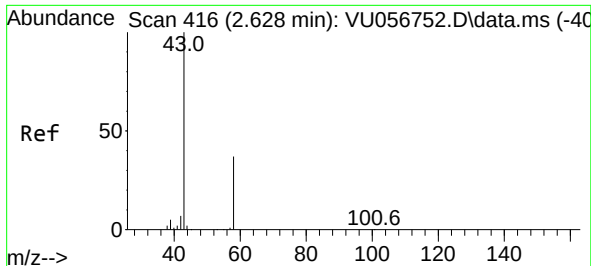
Tgt Ion:101 Resp: 111009
 Ion Ratio Lower Upper
 101 100
 85 44.8 35.2 52.8
 151 70.8 56.0 84.0



#12
 1,1-Dichloroethene
 Concen: 6.079 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU056774.D
 Acq: 12 Dec 2023 08:38

Tgt Ion: 96 Resp: 126786
 Ion Ratio Lower Upper
 96 100
 61 173.2 119.0 221.0
 63 109.6 88.7 164.7





#13

Acetone

Concen: 47.811 ug/L

RT: 2.628 min Scan# 416

Delta R.T. -0.000 min

Lab File: VU056774.D

Acq: 12 Dec 2023 08:38

Instrument :

MSVOA_U

ClientSampleId :

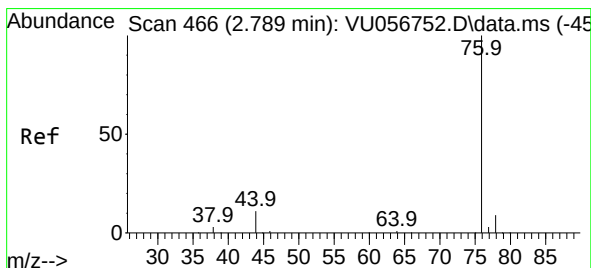
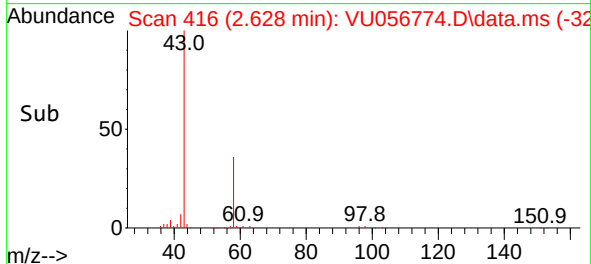
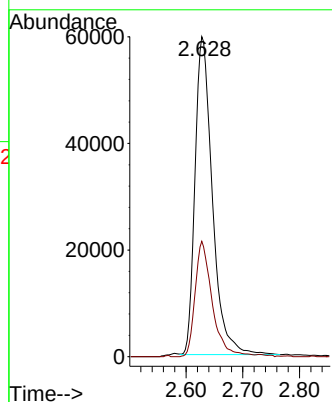
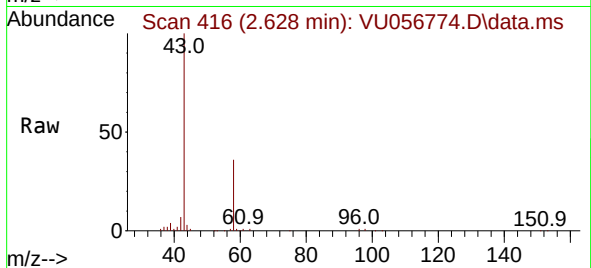
H0AB0MSD

Tgt Ion: 43 Resp: 126710

Ion Ratio Lower Upper

43 100

58 35.8 0.0 72.6



#14

Carbon disulfide

Concen: 4.850 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

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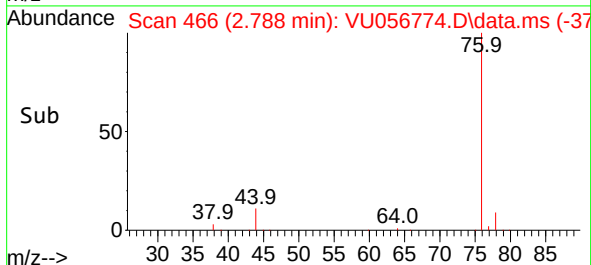
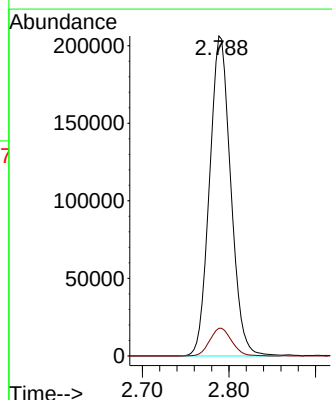
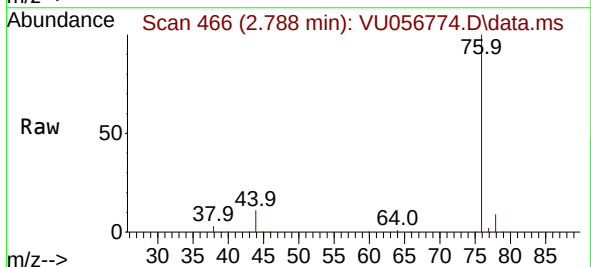
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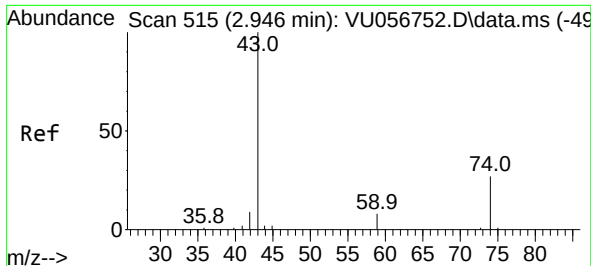
Tgt Ion: 76 Resp: 350964

Ion Ratio Lower Upper

76 100

78 8.7 7.3 10.9

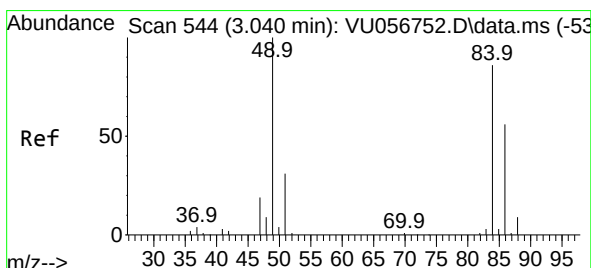
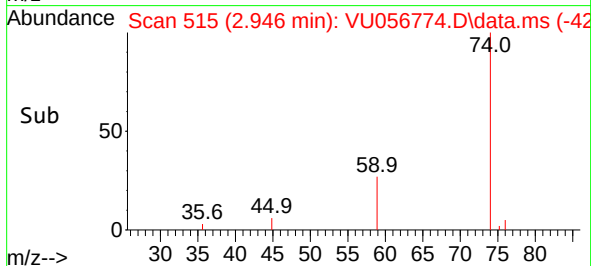
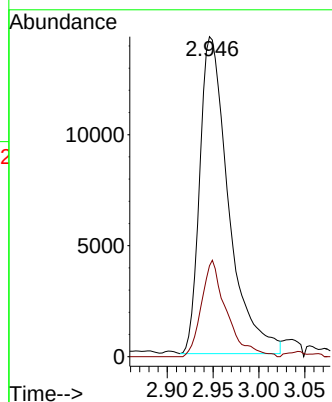
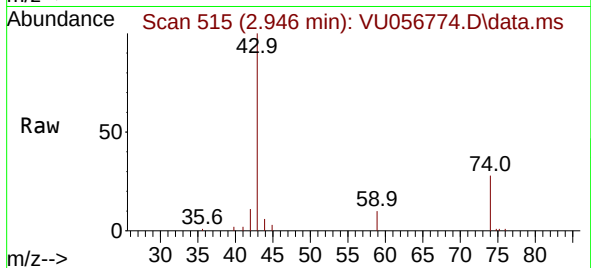




#15
Methyl Acetate
Concen: 4.332 ug/L
RT: 2.946 min Scan# 515
Delta R.T. -0.000 min
Lab File: VU056774.D
Acq: 12 Dec 2023 08:38

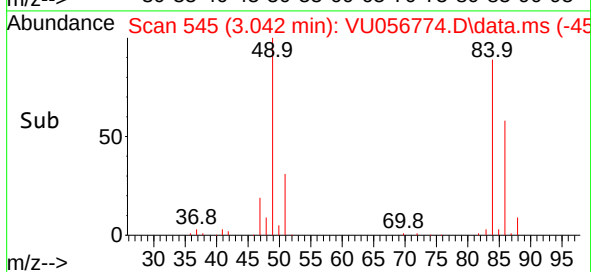
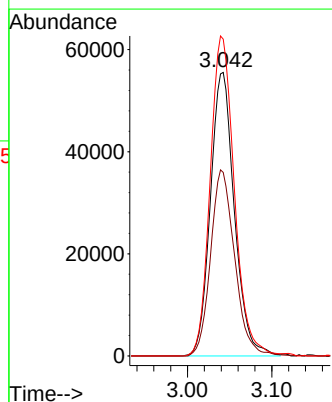
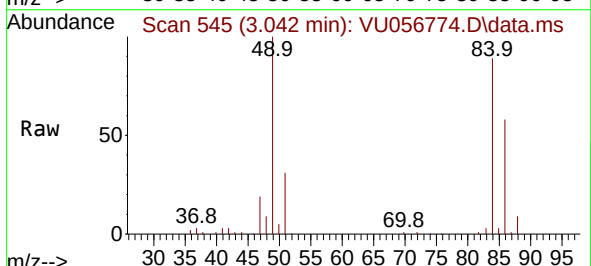
Instrument :
MSVOA_U
ClientSampleId :
H0AB0MSD

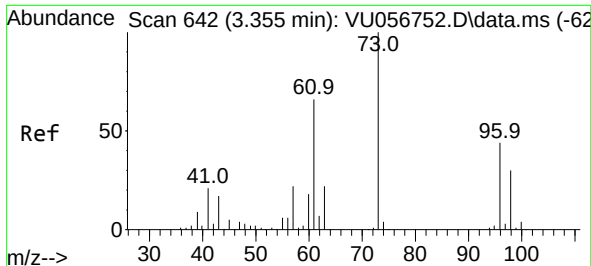
Tgt Ion: 43 Resp: 31255
Ion Ratio Lower Upper
43 100
74 26.4 21.0 31.6



#16
Methylene chloride
Concen: 4.838 ug/L
RT: 3.042 min Scan# 545
Delta R.T. 0.003 min
Lab File: VU056774.D
Acq: 12 Dec 2023 08:38

Tgt Ion: 84 Resp: 109934
Ion Ratio Lower Upper
84 100
86 64.7 43.6 81.0
49 111.8 80.6 149.6

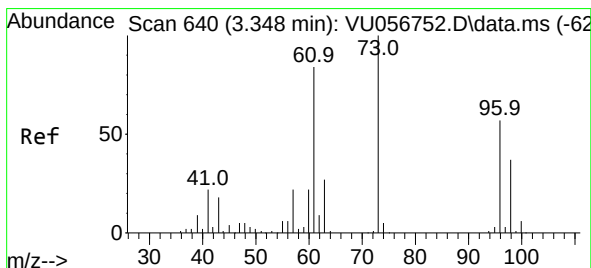
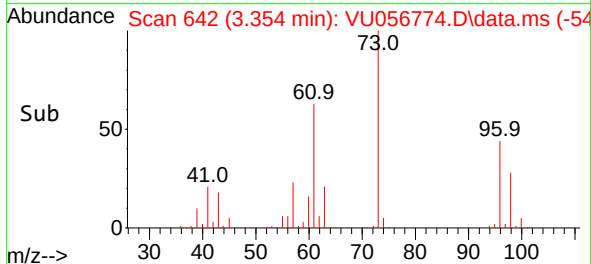
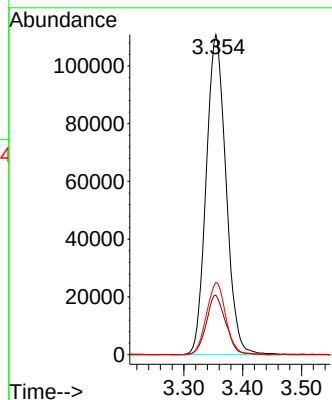
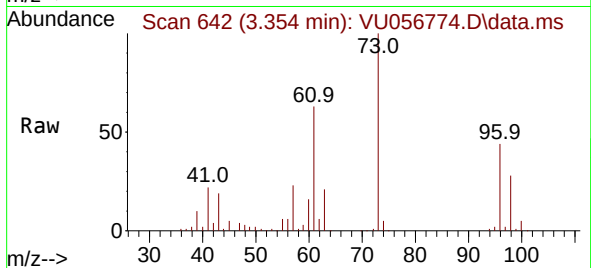




#17
Methyl tert-butyl Ether
Concen: 5.604 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU056774.D
Acq: 12 Dec 2023 08:38

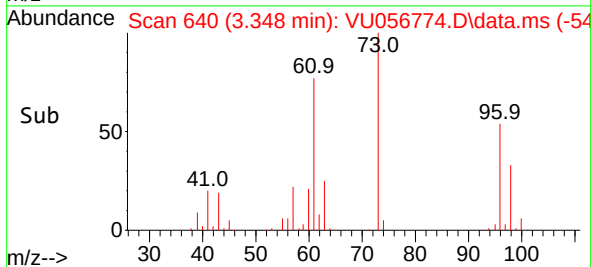
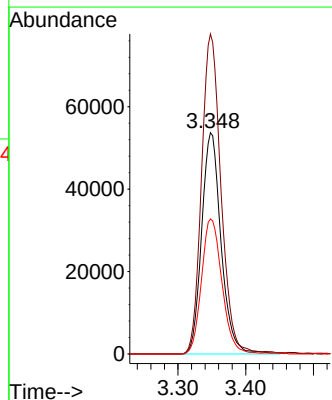
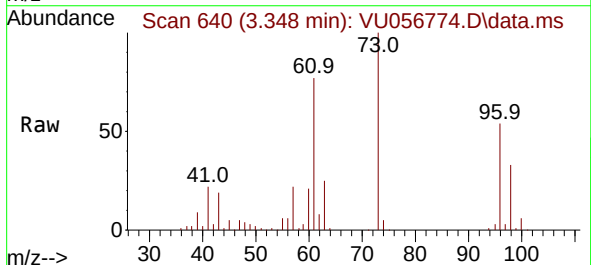
Instrument :
MSVOA_U
ClientSampleId :
H0AB0MSD

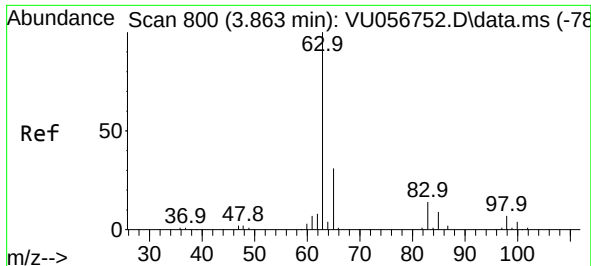
Tgt Ion: 73 Resp: 259190
Ion Ratio Lower Upper
73 100
43 18.3 14.4 21.6
57 22.0 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 5.051 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU056774.D
Acq: 12 Dec 2023 08:38

Tgt Ion: 96 Resp: 106807
Ion Ratio Lower Upper
96 100
61 144.6 101.8 189.0
98 61.0 43.0 79.8

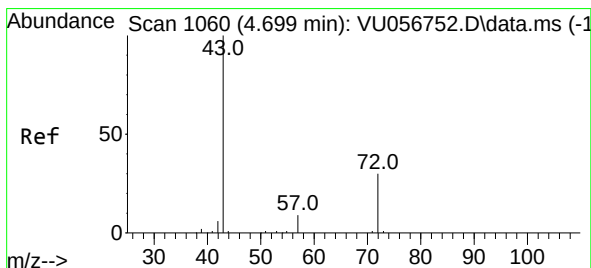
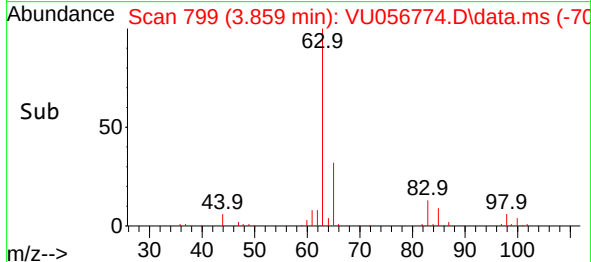
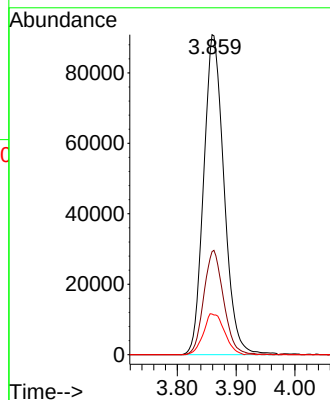
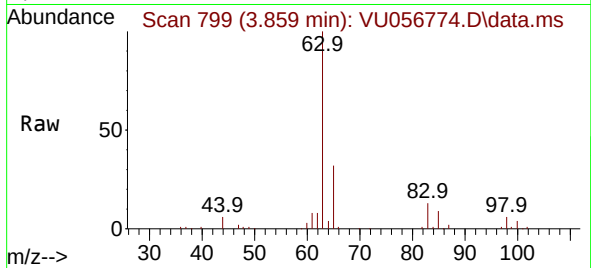




#19
1,1-Dichloroethane
Concen: 5.369 ug/L
RT: 3.859 min Scan# 79
Delta R.T. -0.004 min
Lab File: VU056774.D
Acq: 12 Dec 2023 08:38

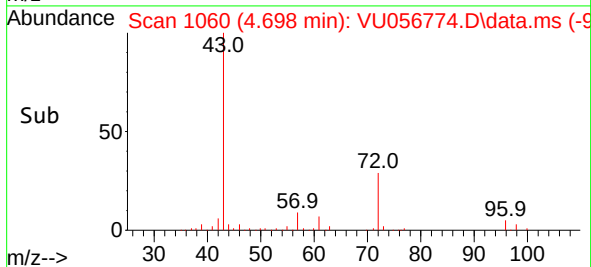
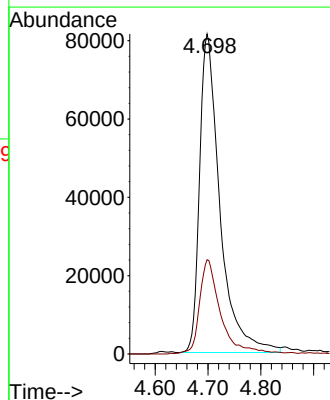
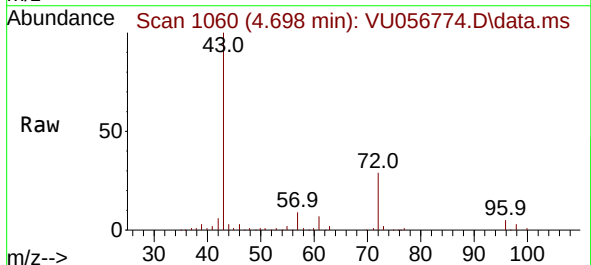
Instrument :
MSVOA_U
ClientSampleId :
H0AB0MSD

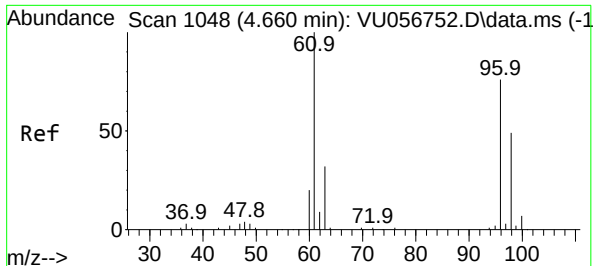
Tgt Ion: 63 Resp: 218408
Ion Ratio Lower Upper
63 100
65 32.2 22.9 42.5
83 12.7 10.1 18.9



#21
2-Butanone
Concen: 48.649 ug/L
RT: 4.698 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VU056774.D
Acq: 12 Dec 2023 08:38

Tgt Ion: 43 Resp: 217424
Ion Ratio Lower Upper
43 100
72 29.5 14.6 43.8





#22

cis-1,2-Dichloroethene

Concen: 6.004 ug/L

RT: 4.656 min Scan# 1047

Delta R.T. -0.004 min

Lab File: VU056774.D

Acq: 12 Dec 2023 08:38

Instrument :

MSVOA_U

ClientSampleId :

H0AB0MSD

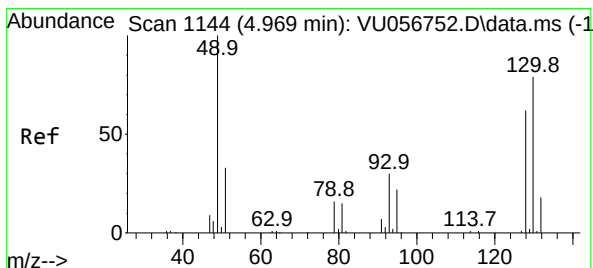
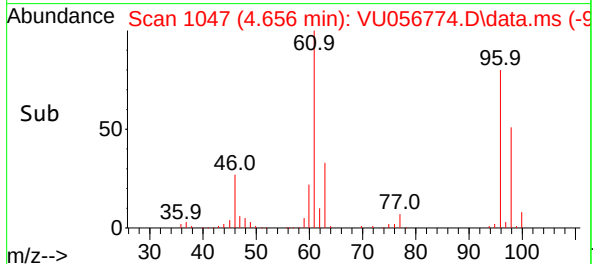
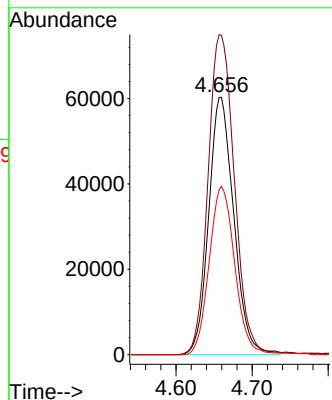
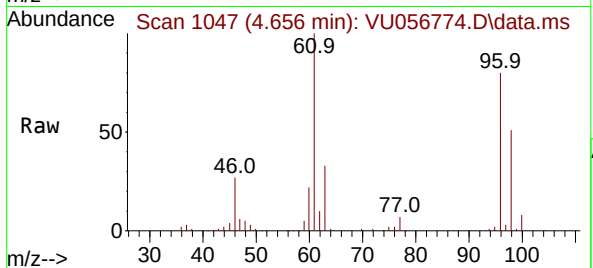
Tgt Ion: 96 Resp: 138119

Ion Ratio Lower Upper

96 100

61 124.4 91.3 169.6

98 64.0 44.2 82.0



#23

Bromochloromethane

Concen: 5.152 ug/L

RT: 4.968 min Scan# 1144

Delta R.T. -0.000 min

Lab File: VU056774.D

Acq: 12 Dec 2023 08:38

Tgt Ion: 128 Resp: 49617

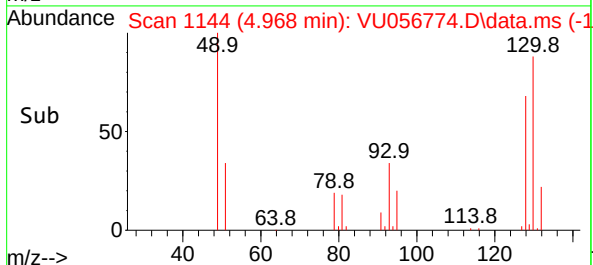
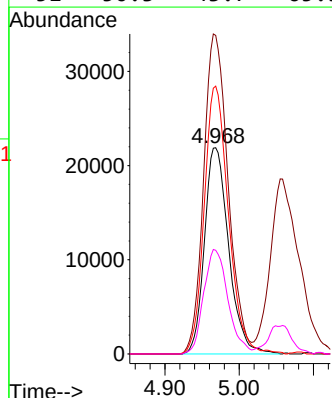
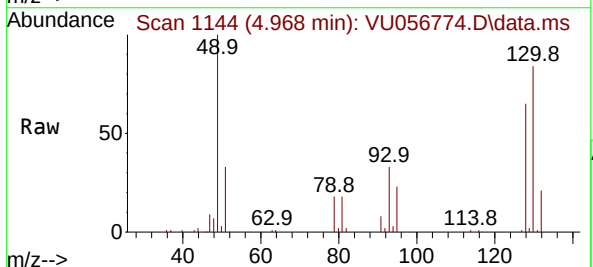
Ion Ratio Lower Upper

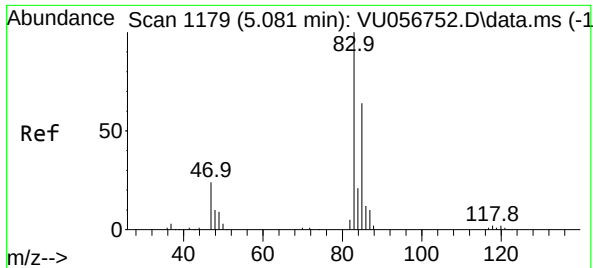
128 100

49 154.5 113.8 211.3

130 129.9 90.6 168.3

51 50.3 43.7 65.5

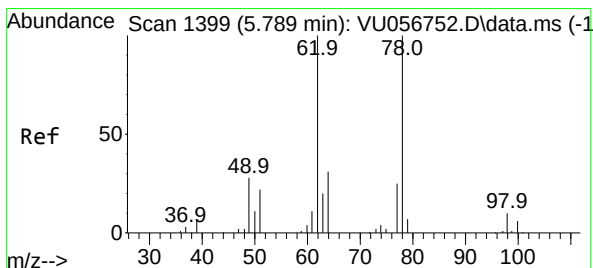
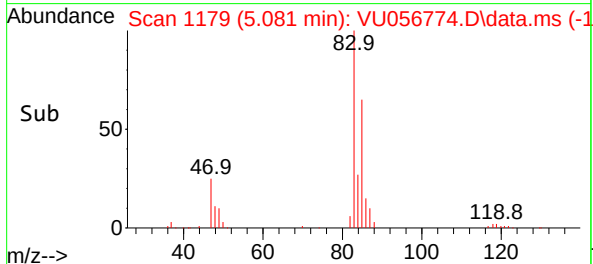
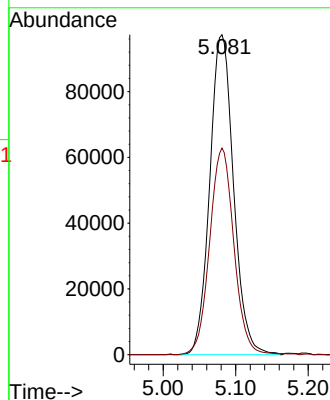
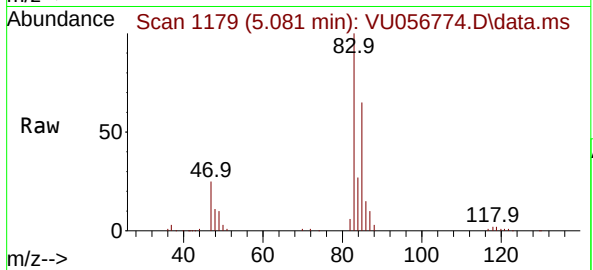




#25
Chloroform
Concen: 5.211 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VU056774.D
Acq: 12 Dec 2023 08:38

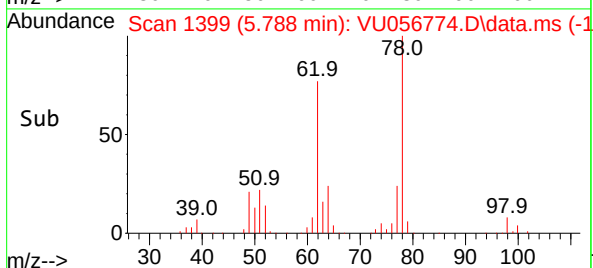
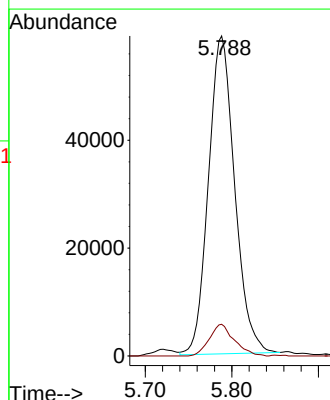
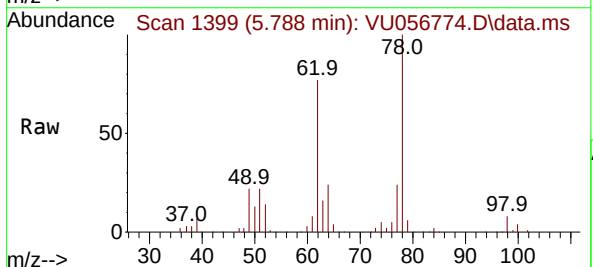
Instrument :
MSVOA_U
ClientSampleId :
H0AB0MSD

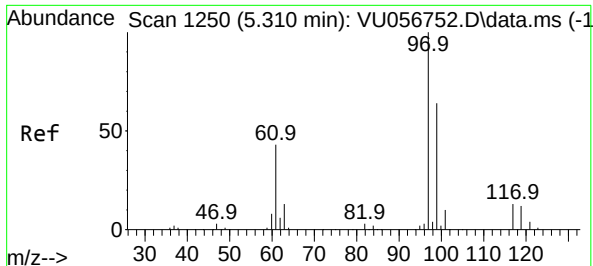
Tgt Ion: 83 Resp: 222049
Ion Ratio Lower Upper
83 100
85 64.6 45.8 85.0



#27
1,2-Dichloroethane
Concen: 4.927 ug/L
RT: 5.788 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VU056774.D
Acq: 12 Dec 2023 08:38

Tgt Ion: 62 Resp: 124158
Ion Ratio Lower Upper
62 100
98 9.9 7.8 11.6

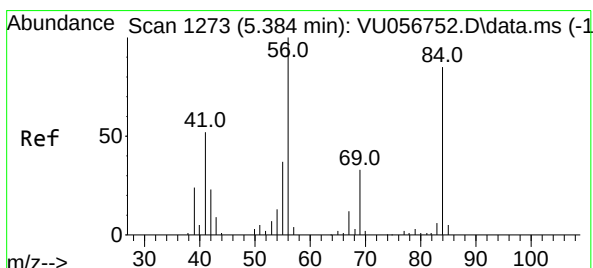
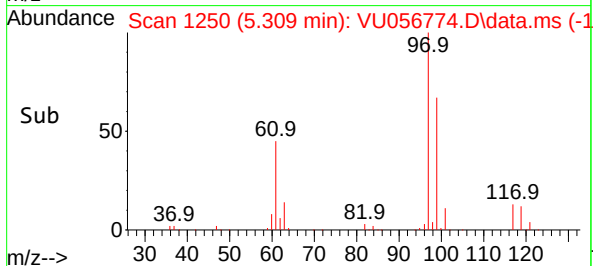
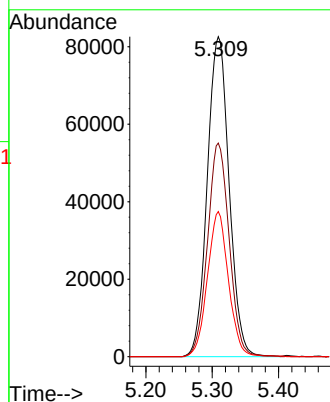
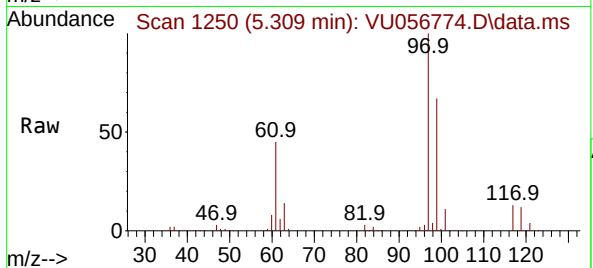




#29
1,1,1-Trichloroethane
Concen: 5.279 ug/L
RT: 5.309 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU056774.D
Acq: 12 Dec 2023 08:38

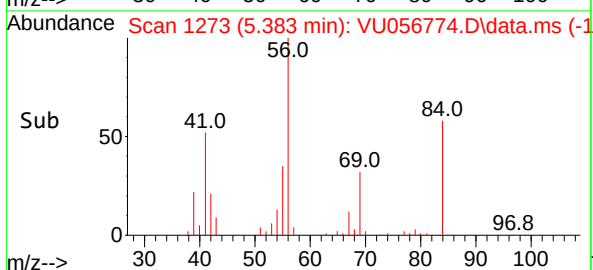
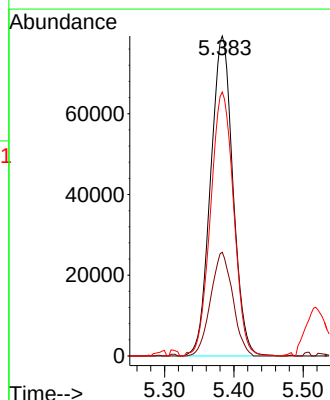
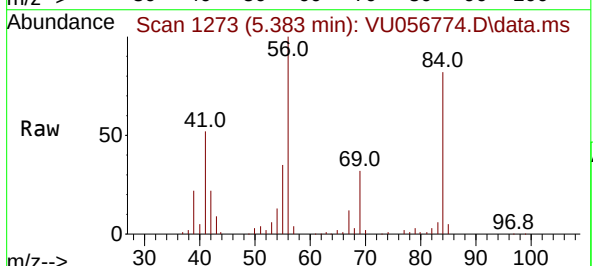
Instrument :
MSVOA_U
ClientSampleId :
H0AB0MSD

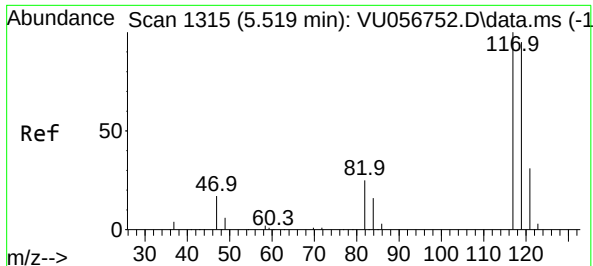
Tgt Ion: 97 Resp: 189028
Ion Ratio Lower Upper
97 100
99 66.2 52.5 78.7
61 43.6 34.2 51.2



#30
Cyclohexane
Concen: 5.274 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. -0.000 min
Lab File: VU056774.D
Acq: 12 Dec 2023 08:38

Tgt Ion: 56 Resp: 177218
Ion Ratio Lower Upper
56 100
69 32.2 24.9 37.3
84 85.5 67.6 101.4

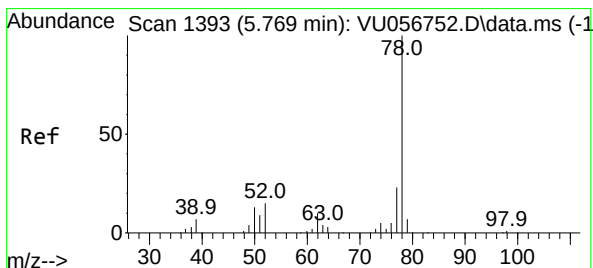
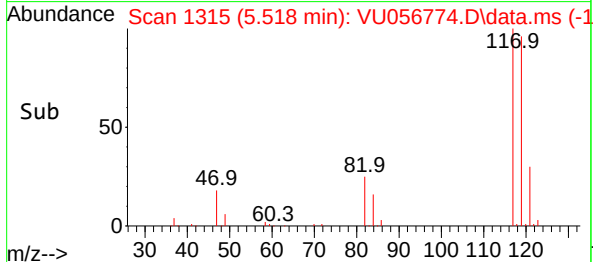
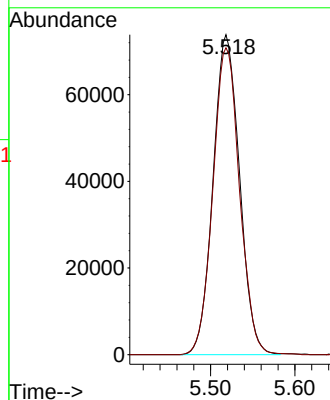
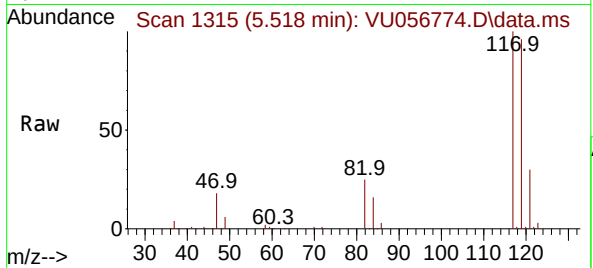




#31
Carbon tetrachloride
Concen: 5.165 ug/L
RT: 5.518 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU056774.D
Acq: 12 Dec 2023 08:38

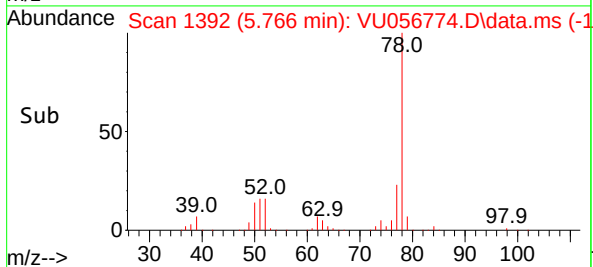
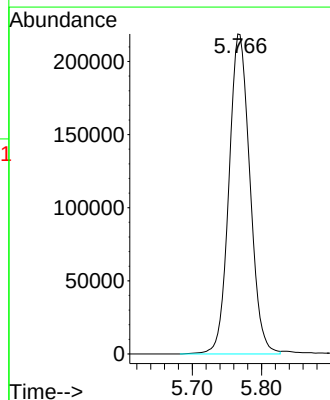
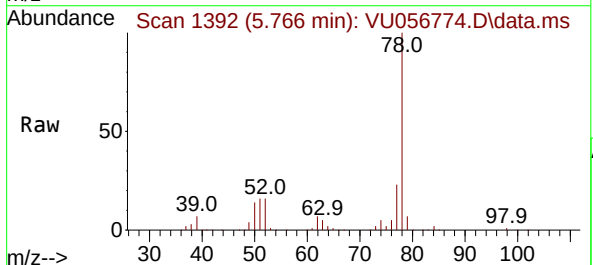
Instrument :
MSVOA_U
ClientSampleId :
H0AB0MSD

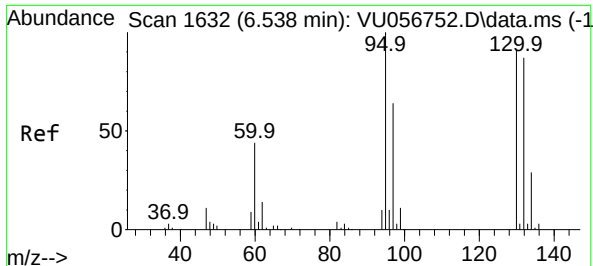
Tgt Ion:117 Resp: 160737
Ion Ratio Lower Upper
117 100
119 97.0 76.2 114.4



#33
Benzene
Concen: 5.272 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.004 min
Lab File: VU056774.D
Acq: 12 Dec 2023 08:38

Tgt Ion: 78 Resp: 458971

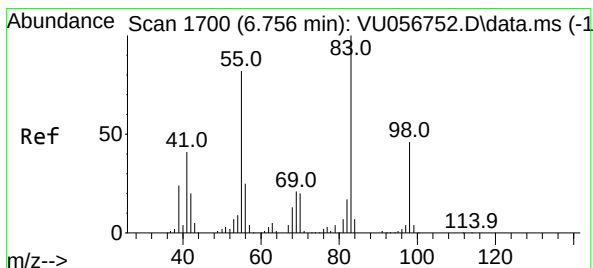
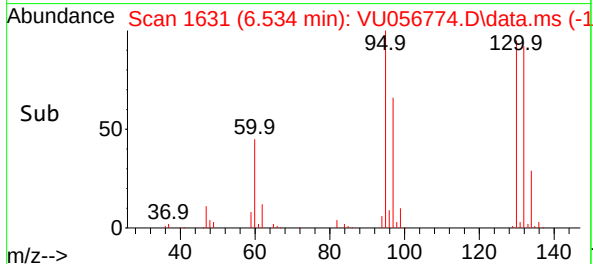
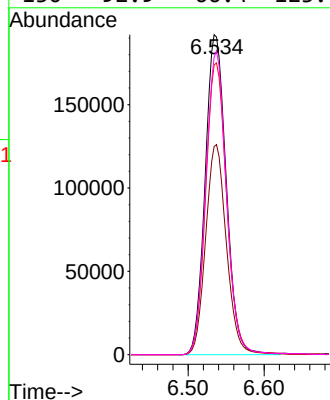
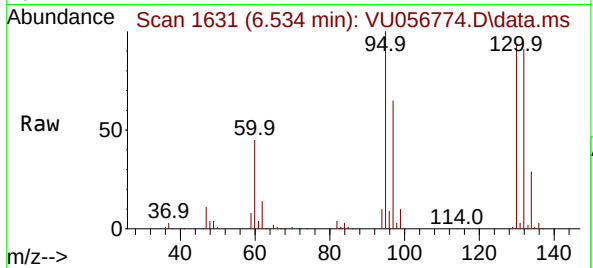




#34
Trichloroethene
Concen: 15.473 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.004 min
Lab File: VU056774.D
Acq: 12 Dec 2023 08:38

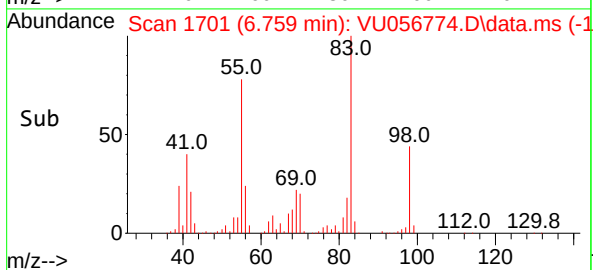
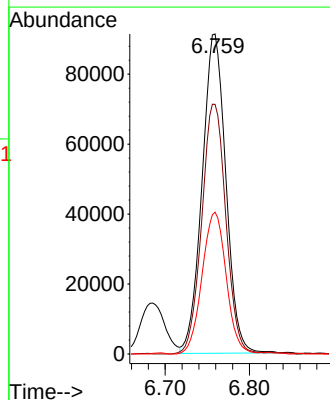
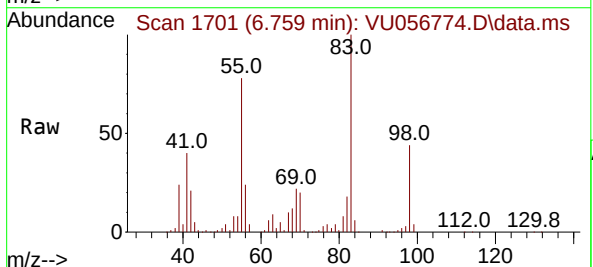
Instrument :
MSVOA_U
ClientSampleId :
H0AB0MSD

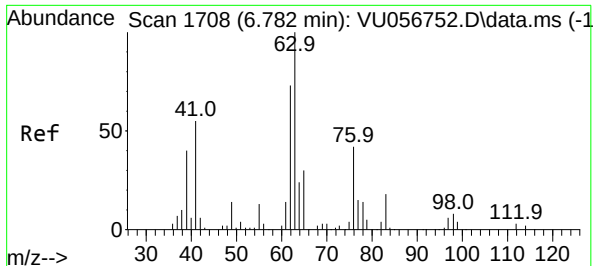
Tgt Ion: 95 Resp: 369475
Ion Ratio Lower Upper
95 100
97 65.1 46.1 85.5
132 90.5 63.6 118.0
130 92.9 66.4 123.4



#35
Methylcyclohexane
Concen: 5.091 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. 0.003 min
Lab File: VU056774.D
Acq: 12 Dec 2023 08:38

Tgt Ion: 83 Resp: 179407
Ion Ratio Lower Upper
83 100
55 79.4 64.6 97.0
98 45.0 36.1 54.1





#37

1,2-Dichloropropane

Concen: 5.258 ug/L

RT: 6.785 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU056774.D

Acq: 12 Dec 2023 08:38

Instrument :

MSVOA_U

ClientSampleId :

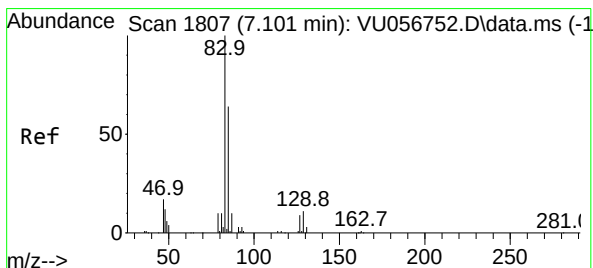
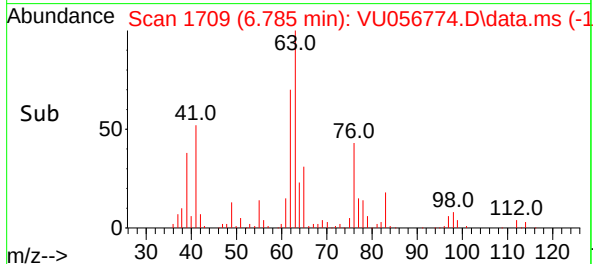
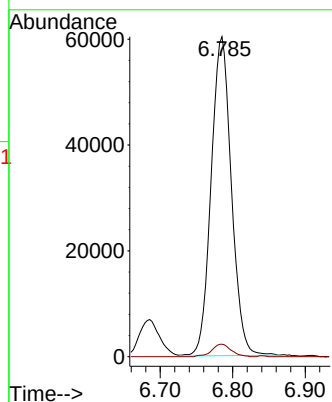
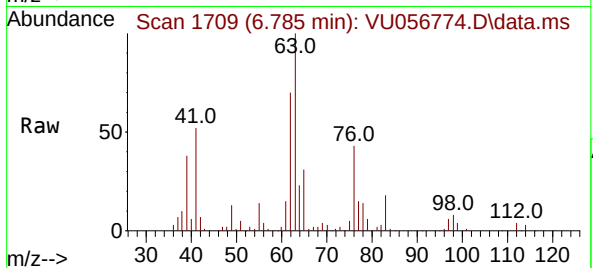
H0AB0MSD

Tgt Ion: 63 Resp: 117095

Ion Ratio Lower Upper

63 100

112 3.8 3.3 4.9



#38

Bromodichloromethane

Concen: 5.084 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VU056774.D

Acq: 12 Dec 2023 08:38

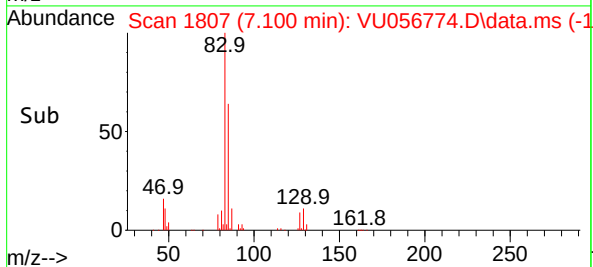
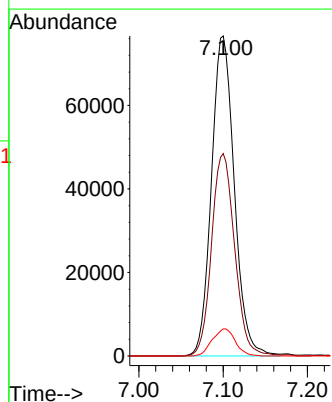
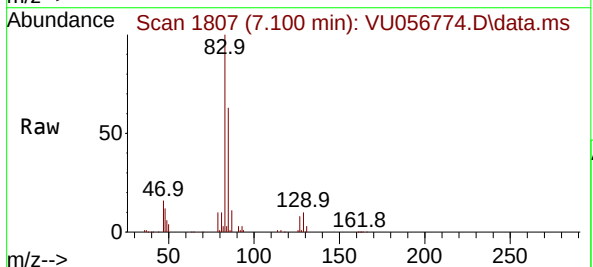
Tgt Ion: 83 Resp: 144383

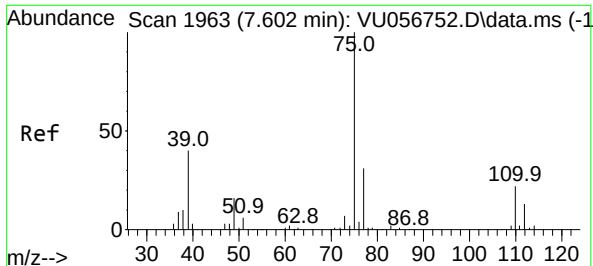
Ion Ratio Lower Upper

83 100

85 63.2 45.0 83.6

127 8.5 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 4.946 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. -0.000 min

Lab File: VU056774.D

Acq: 12 Dec 2023 08:38

Instrument :

MSVOA_U

ClientSampleId :

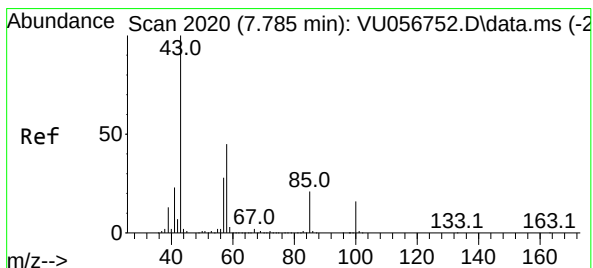
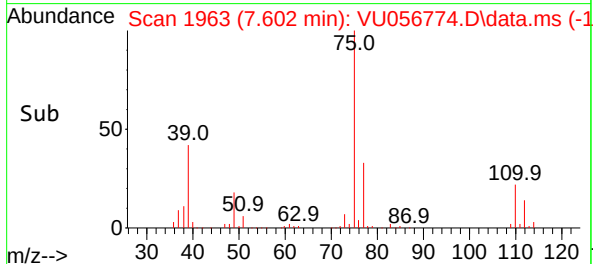
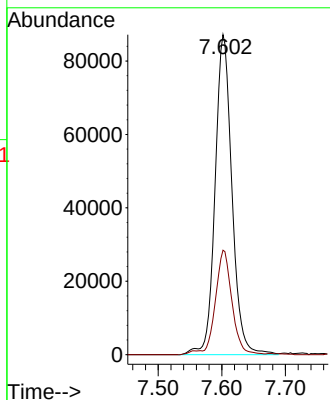
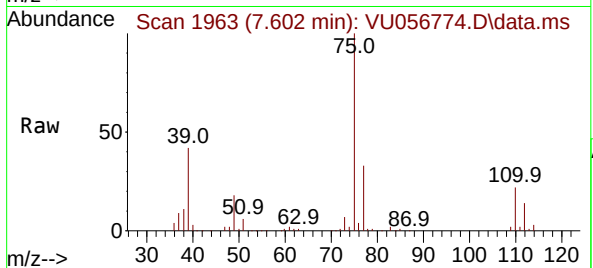
H0AB0MSD

Tgt Ion: 75 Resp: 160508

Ion Ratio Lower Upper

75 100

77 32.7 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 52.344 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. -0.000 min

Lab File: VU056774.D

Acq: 12 Dec 2023 08:38

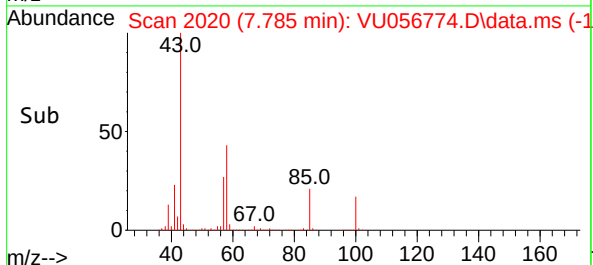
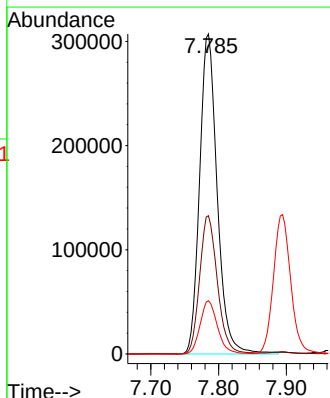
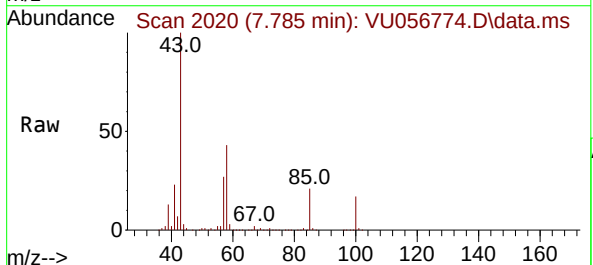
Tgt Ion: 43 Resp: 553475

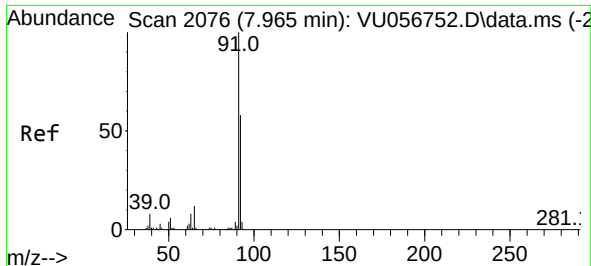
Ion Ratio Lower Upper

43 100

58 43.7 33.7 50.5

100 16.4 13.0 19.4





#42

Toluene

Concen: 5.373 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU056774.D

Acq: 12 Dec 2023 08:38

Instrument :

MSVOA_U

ClientSampleId :

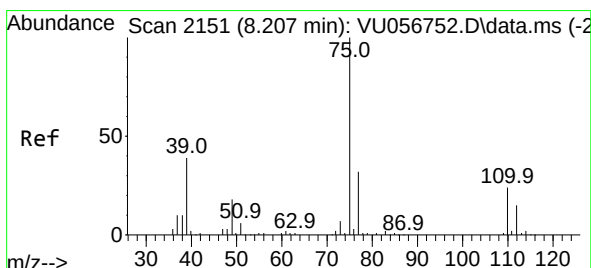
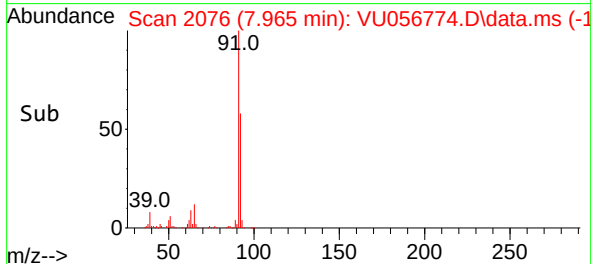
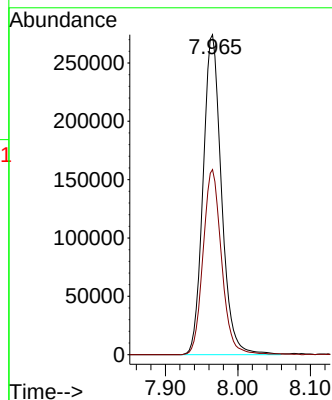
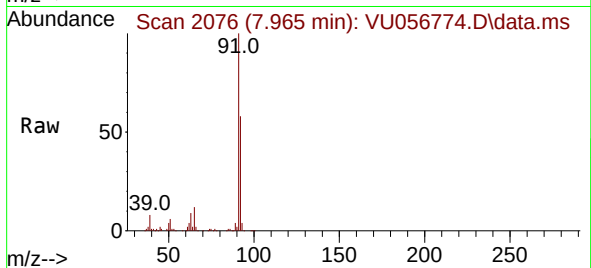
H0AB0MSD

Tgt Ion: 91 Resp: 483941

Ion Ratio Lower Upper

91 100

92 57.9 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 4.927 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU056774.D

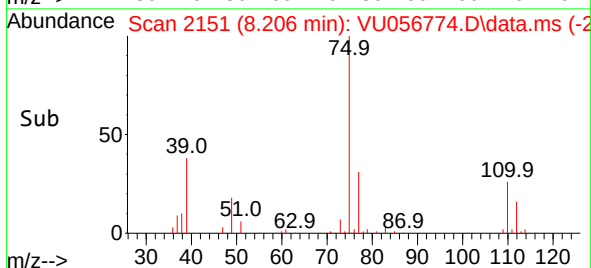
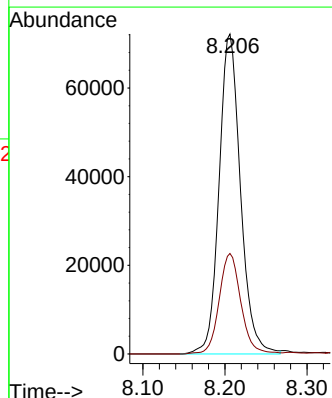
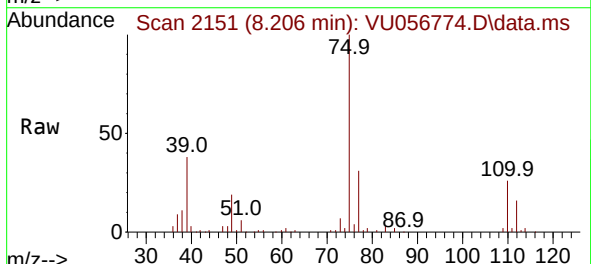
Acq: 12 Dec 2023 08:38

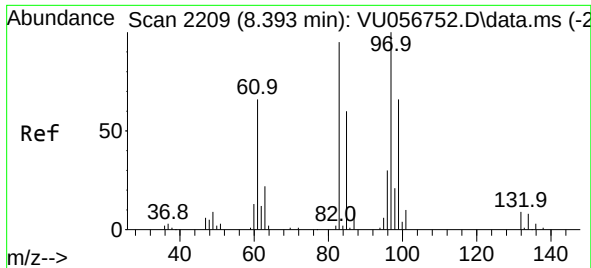
Tgt Ion: 75 Resp: 131061

Ion Ratio Lower Upper

75 100

77 31.4 21.8 40.4

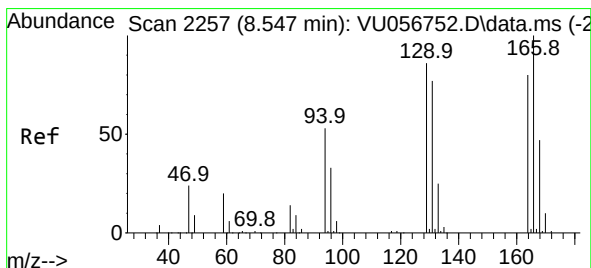
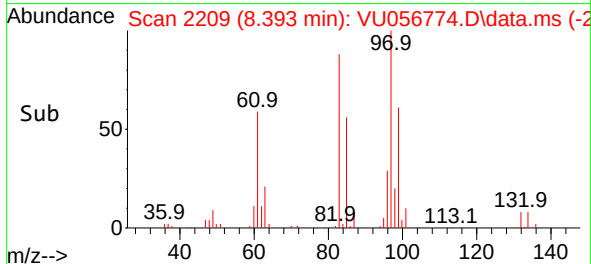
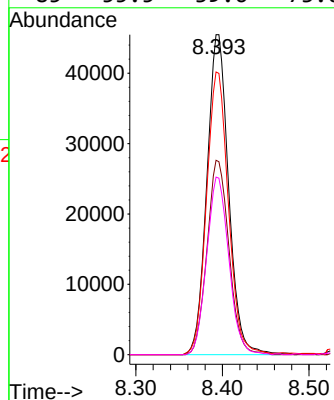
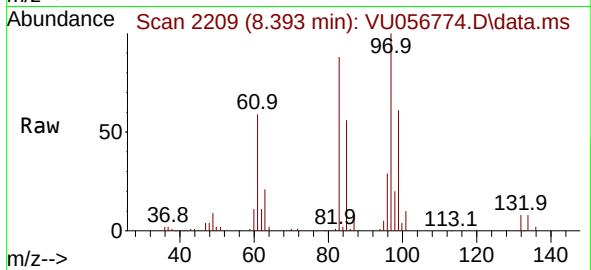




#45
1,1,2-Trichloroethane
Concen: 5.266 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU056774.D
Acq: 12 Dec 2023 08:38

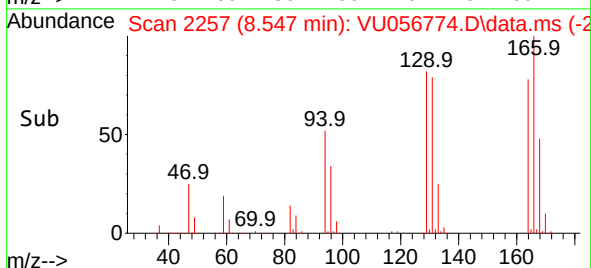
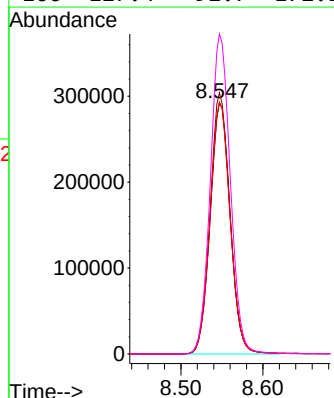
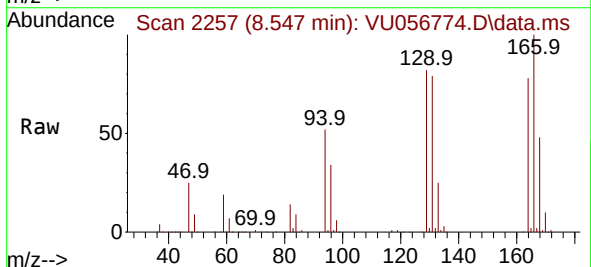
Instrument :
MSVOA_U
ClientSampleId :
H0AB0MSD

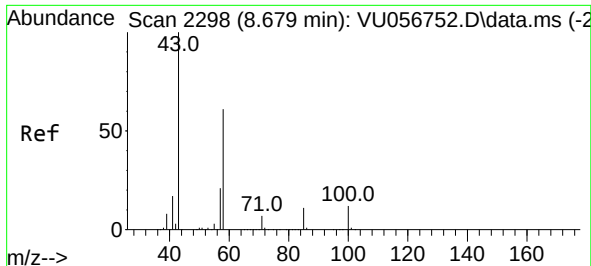
Tgt Ion:	97	Resp:	79283
Ion	Ratio	Lower	Upper
97	100		
99	60.8	41.9	77.9
83	88.4	59.1	109.7
85	55.5	39.6	73.6



#47
Tetrachloroethene
Concen: 29.727 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU056774.D
Acq: 12 Dec 2023 08:38

Tgt Ion:	164	Resp:	496792
Ion	Ratio	Lower	Upper
164	100		
129	104.0	73.4	136.4
131	100.4	71.5	132.9
166	127.4	92.7	172.1



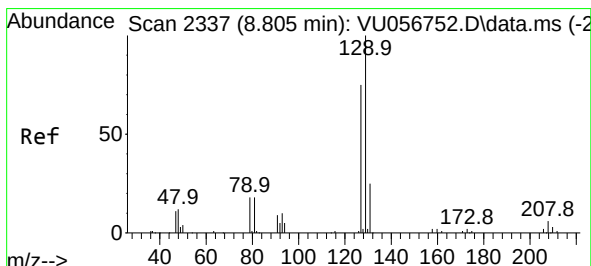
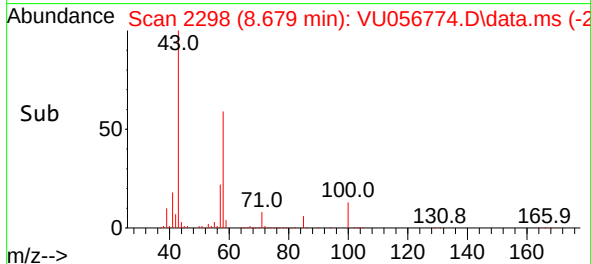
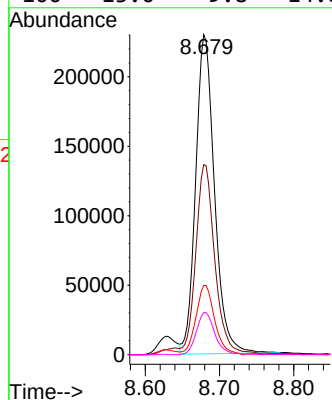
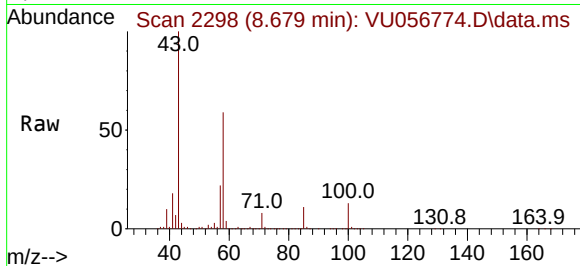


#48
2-Hexanone
Concen: 54.030 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056774.D
Acq: 12 Dec 2023 08:38

Instrument :
MSVOA_U
ClientSampleId :
H0AB0MSD

Tgt Ion: 43 Resp: 406895

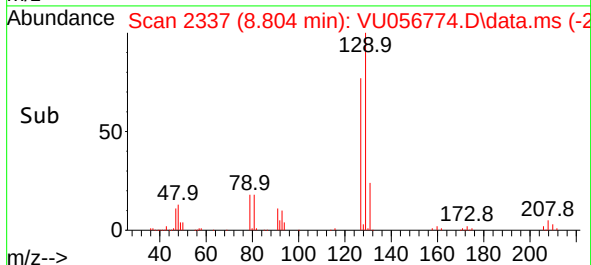
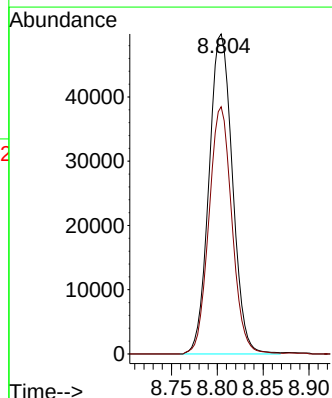
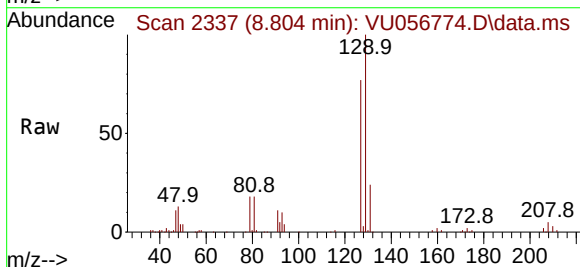
Ion	Ratio	Lower	Upper
43	100		
58	59.0	47.5	71.3
57	21.5	17.0	25.4
100	13.0	9.8	14.8

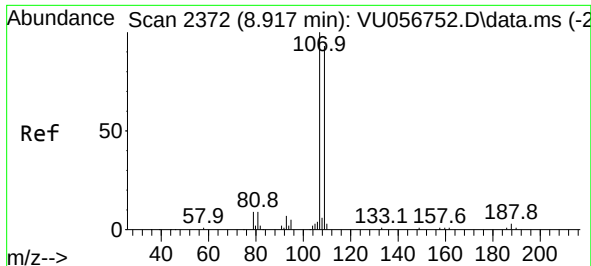


#49
Dibromochloromethane
Concen: 5.126 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU056774.D
Acq: 12 Dec 2023 08:38

Tgt Ion: 129 Resp: 88708

Ion	Ratio	Lower	Upper
129	100		
127	77.2	53.9	100.1





#50

1,2-Dibromoethane

Concen: 5.169 ug/L

RT: 8.920 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU056774.D

Acq: 12 Dec 2023 08:38

Instrument :

MSVOA_U

ClientSampleId :

H0AB0MSD

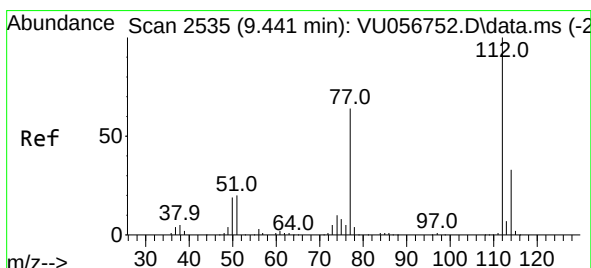
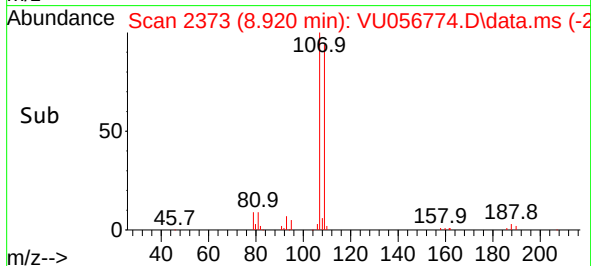
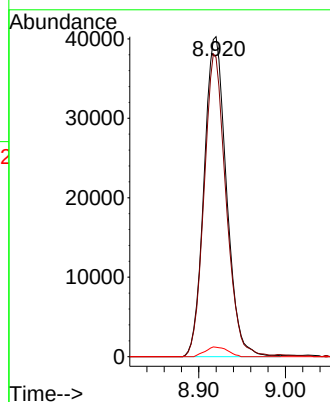
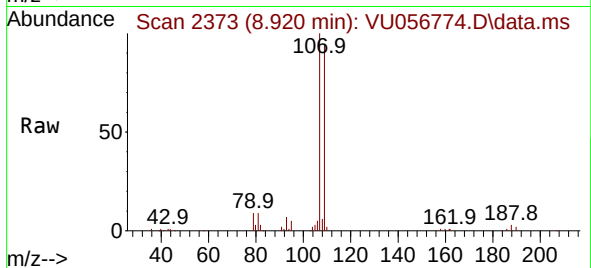
Tgt Ion:107 Resp: 72220

Ion Ratio Lower Upper

107 100

109 93.5 66.5 123.5

188 3.0 2.9 4.3



#51

Chlorobenzene

Concen: 5.198 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. -0.000 min

Lab File: VU056774.D

Acq: 12 Dec 2023 08:38

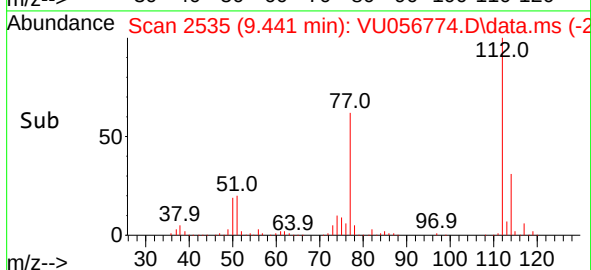
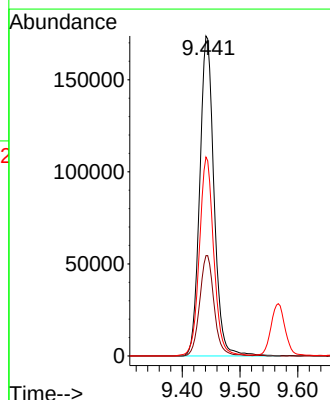
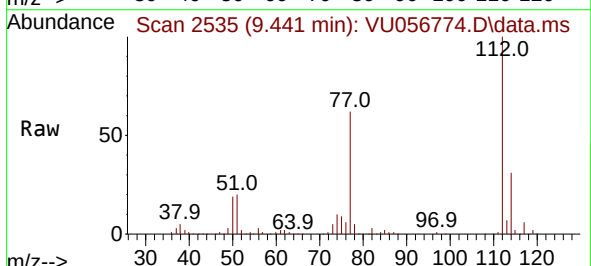
Tgt Ion:112 Resp: 298411

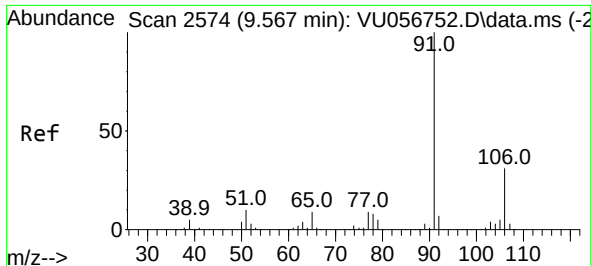
Ion Ratio Lower Upper

112 100

114 31.3 21.9 40.7

77 62.2 51.6 77.4

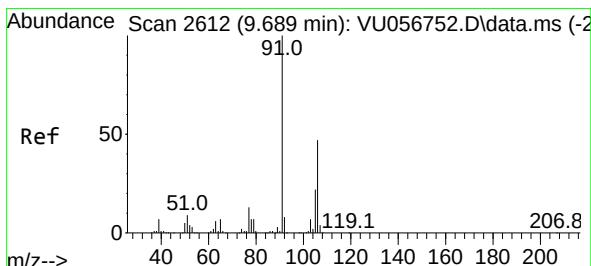
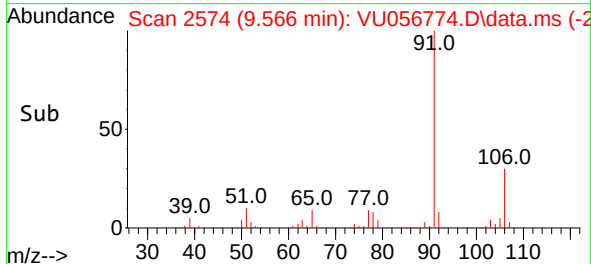
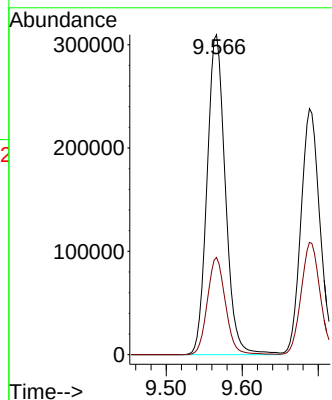
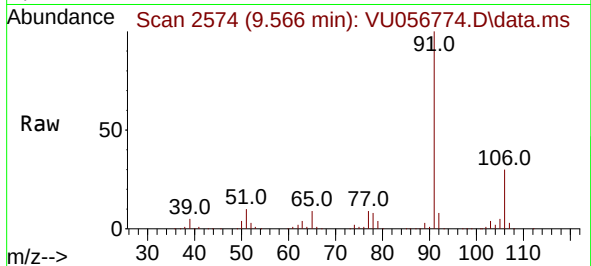




#52
Ethylbenzene
Concen: 5.212 ug/L
RT: 9.566 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056774.D
Acq: 12 Dec 2023 08:38

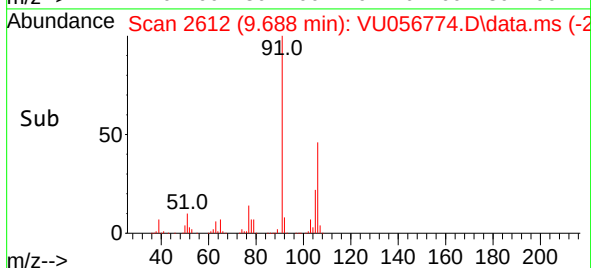
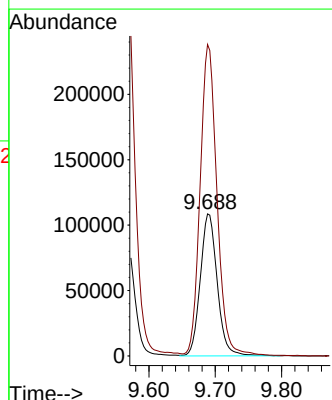
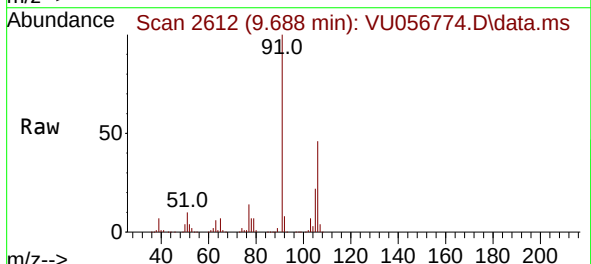
Instrument :
MSVOA_U
ClientSampleId :
H0AB0MSD

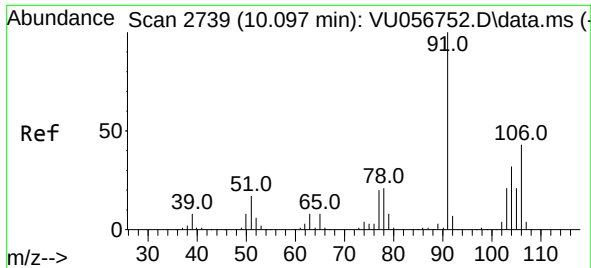
Tgt Ion: 91 Resp: 517823
Ion Ratio Lower Upper
91 100
106 30.4 20.6 38.4



#53
m,p-Xylene
Concen: 5.204 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU056774.D
Acq: 12 Dec 2023 08:38

Tgt Ion: 106 Resp: 192634
Ion Ratio Lower Upper
106 100
91 219.2 154.0 286.0

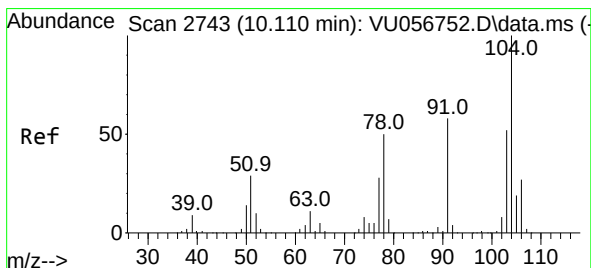
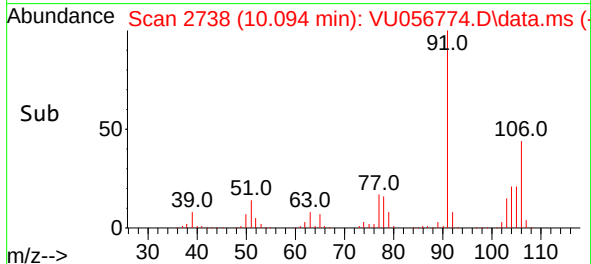
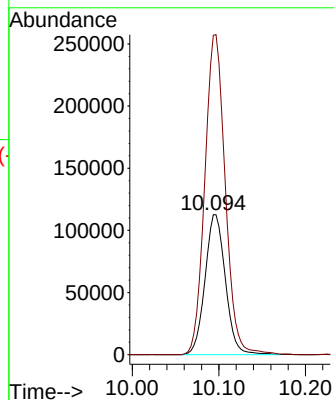
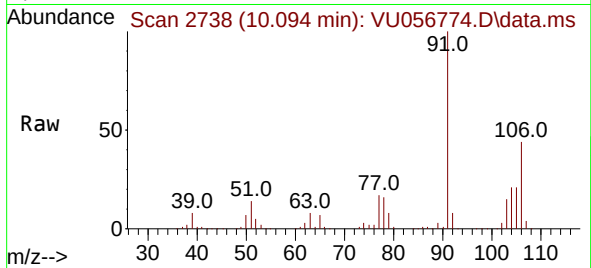




#54
o-Xylene
Concen: 5.225 ug/L
RT: 10.094 min Scan# 21
Delta R.T. -0.004 min
Lab File: VU056774.D
Acq: 12 Dec 2023 08:38

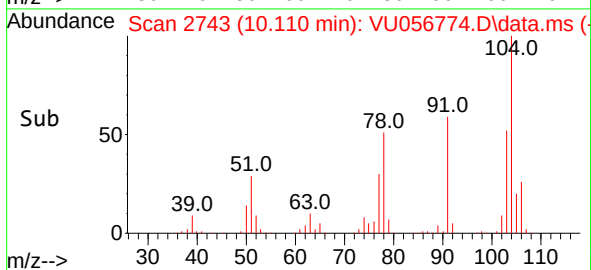
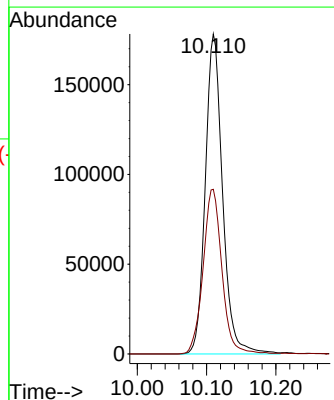
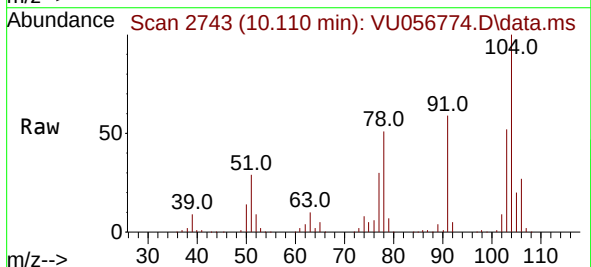
Instrument :
MSVOA_U
ClientSampleId :
H0AB0MSD

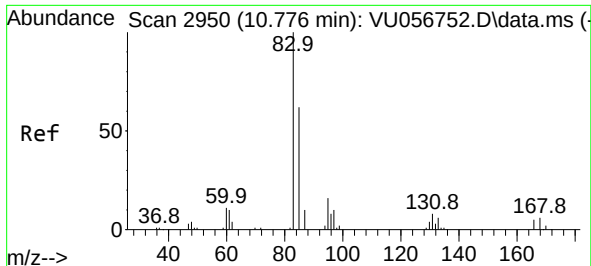
Tgt Ion:106 Resp: 184264
Ion Ratio Lower Upper
106 100
91 228.2 160.2 297.6



#55
Styrene
Concen: 5.327 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU056774.D
Acq: 12 Dec 2023 08:38

Tgt Ion:104 Resp: 308504
Ion Ratio Lower Upper
104 100
78 51.5 35.6 66.2





#57

1,1,2,2-Tetrachloroethane

Concen: 5.176 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU056774.D

Acq: 12 Dec 2023 08:38

Instrument :

MSVOA_U

ClientSampleId :

H0AB0MSD

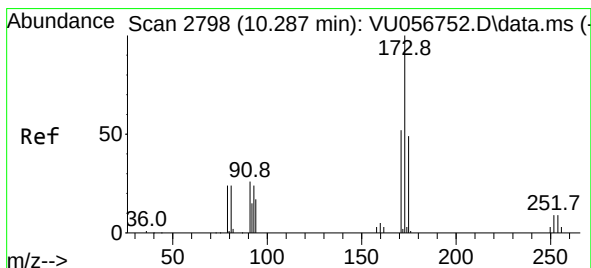
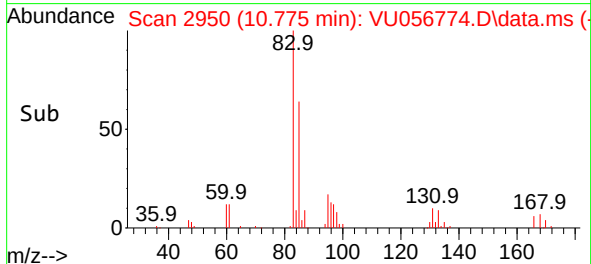
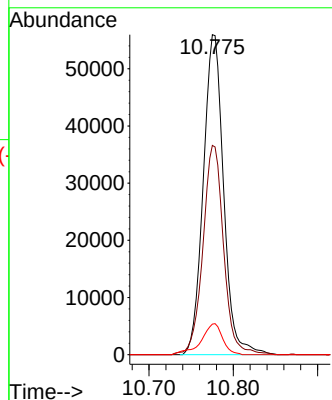
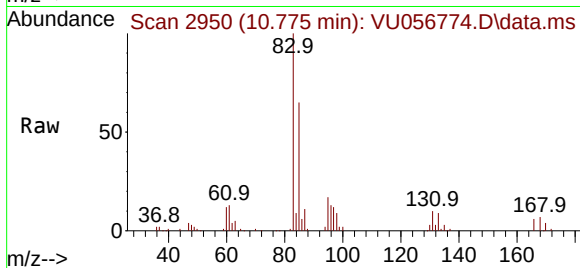
Tgt Ion: 83 Resp: 94147

Ion Ratio Lower Upper

83 100

85 65.4 45.4 84.4

131 9.6 6.6 9.8



#59

Bromoform

Concen: 4.845 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.004 min

Lab File: VU056774.D

Acq: 12 Dec 2023 08:38

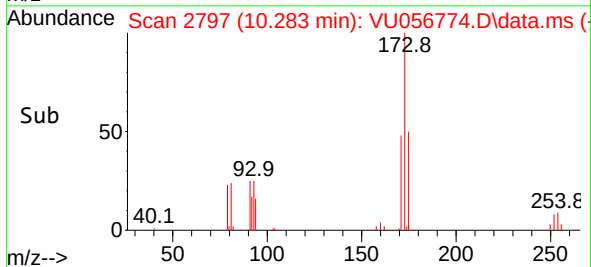
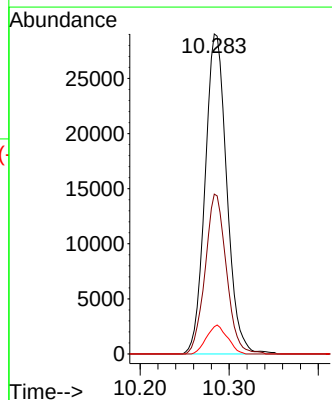
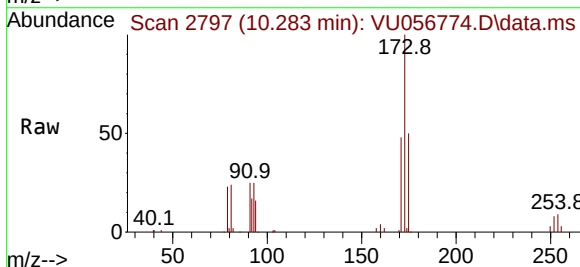
Tgt Ion:173 Resp: 48994

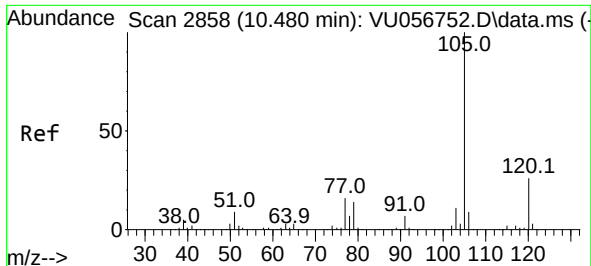
Ion Ratio Lower Upper

173 100

175 48.9 38.2 57.2

254 8.7 7.0 10.4

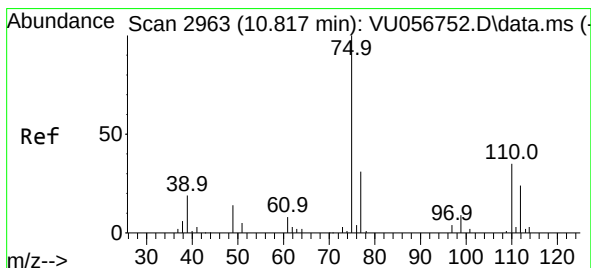
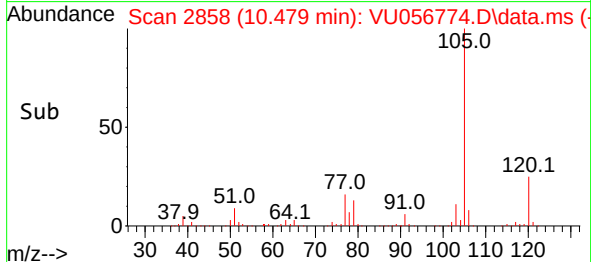
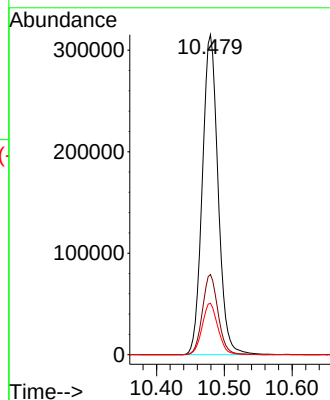
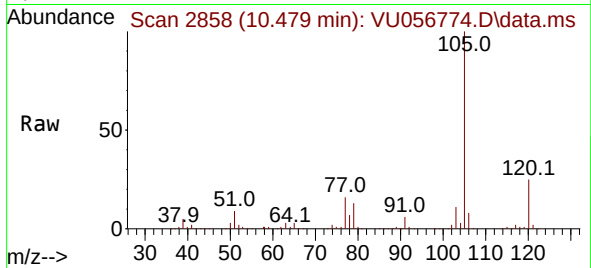




#60
Isopropylbenzene
Concen: 5.197 ug/L
RT: 10.479 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056774.D
Acq: 12 Dec 2023 08:38

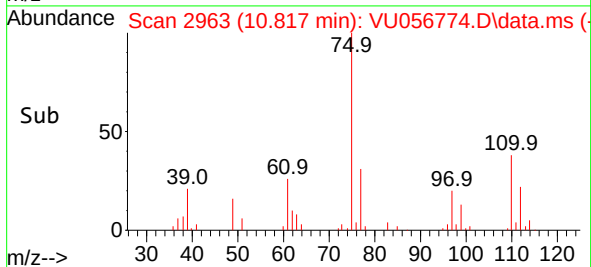
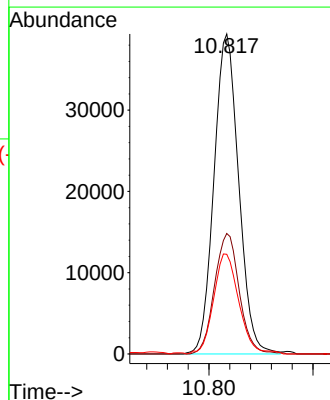
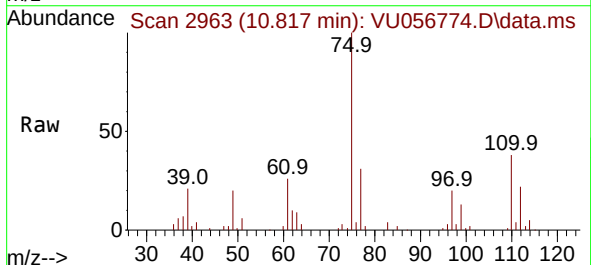
Instrument :
MSVOA_U
ClientSampleId :
H0AB0MSD

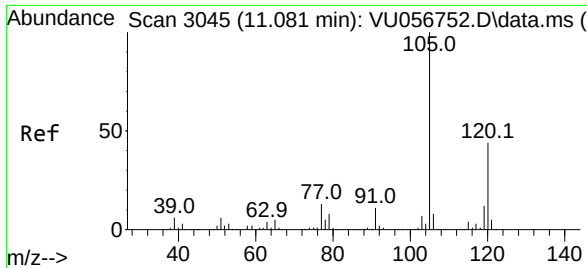
Tgt Ion:105 Resp: 508498
Ion Ratio Lower Upper
105 100
120 24.9 20.1 30.1
77 16.2 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 4.884 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. -0.000 min
Lab File: VU056774.D
Acq: 12 Dec 2023 08:38

Tgt Ion: 75 Resp: 64943
Ion Ratio Lower Upper
75 100
110 37.8 28.4 42.6
77 32.1 26.3 39.5

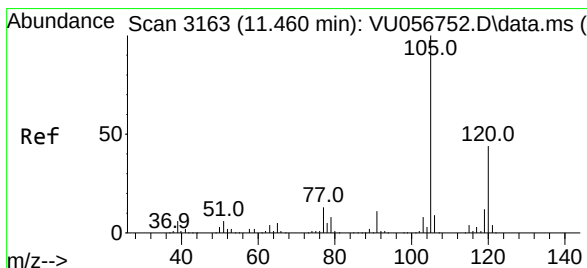
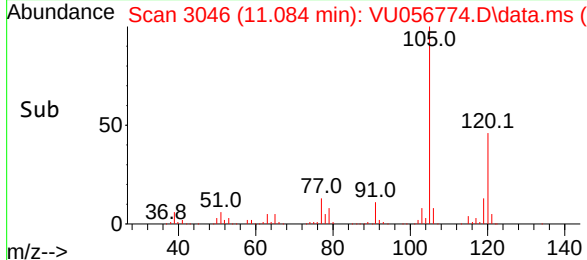
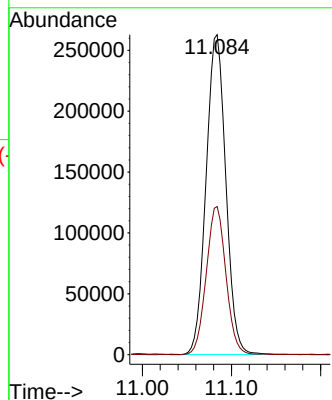
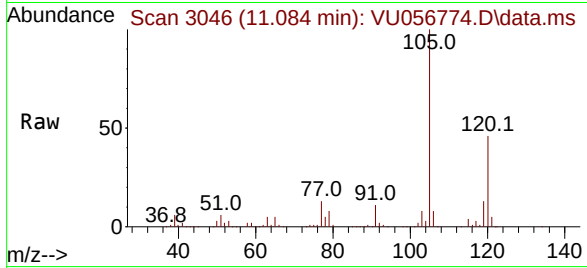




#62
1,3,5-Trimethylbenzene
Concen: 5.043 ug/L
RT: 11.084 min Scan# 3045
Delta R.T. 0.003 min
Lab File: VU056774.D
Acq: 12 Dec 2023 08:38

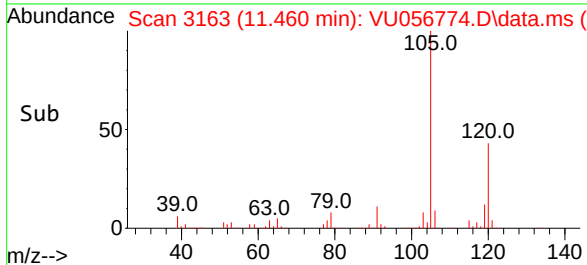
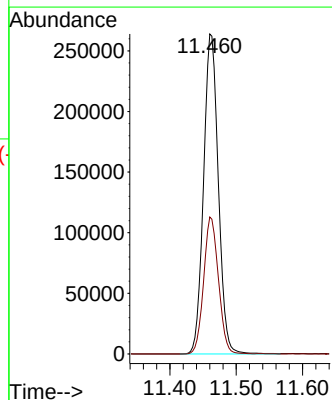
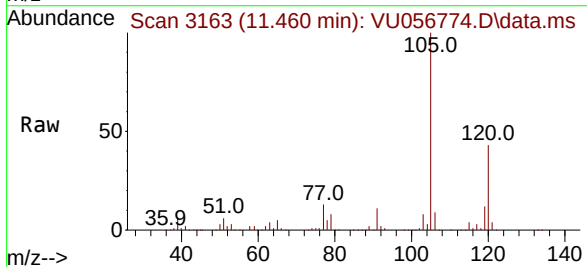
Instrument :
MSVOA_U
ClientSampleId :
H0AB0MSD

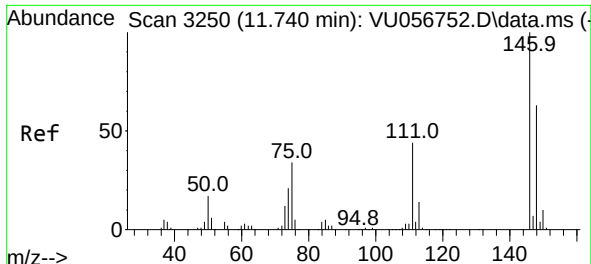
Tgt Ion:105 Resp: 403261
Ion Ratio Lower Upper
105 100
120 46.3 36.8 55.2



#63
1,2,4-Trimethylbenzene
Concen: 5.136 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VU056774.D
Acq: 12 Dec 2023 08:38

Tgt Ion:105 Resp: 407934
Ion Ratio Lower Upper
105 100
120 42.8 34.2 51.4

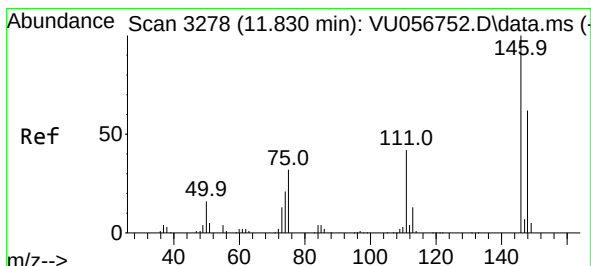
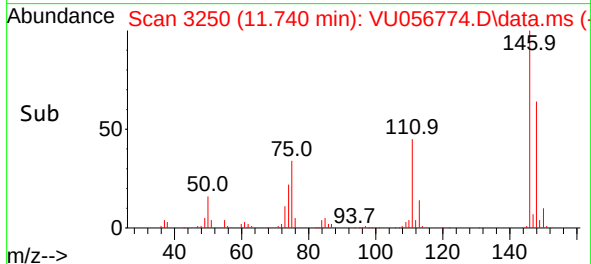
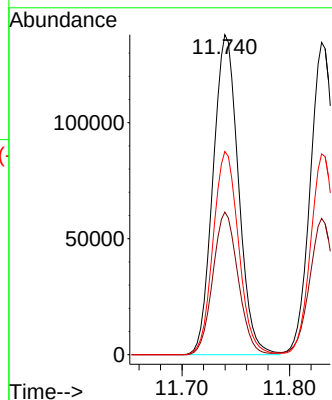
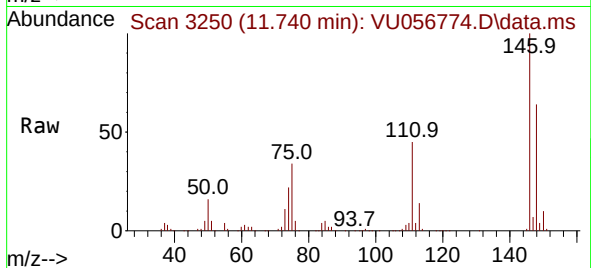




#64
 1,3-Dichlorobenzene
 Concen: 4.897 ug/L
 RT: 11.740 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU056774.D
 Acq: 12 Dec 2023 08:38

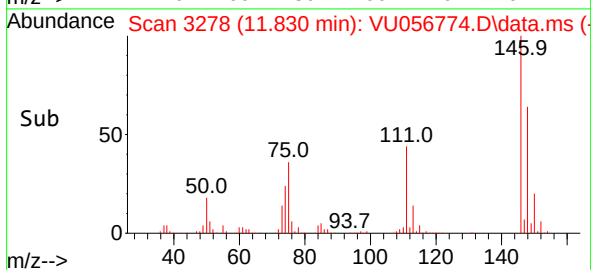
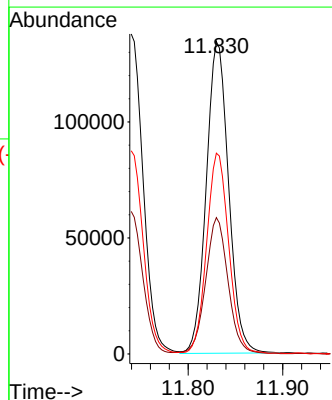
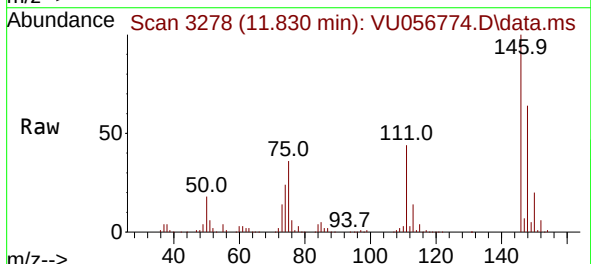
Instrument :
 MSVOA_U
 ClientSampleId :
 H0AB0MSD

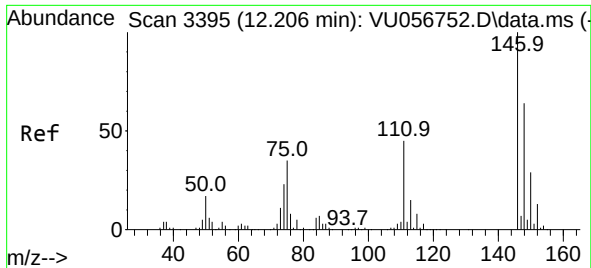
Tgt Ion:146 Resp: 226677
 Ion Ratio Lower Upper
 146 100
 111 44.5 31.7 58.9
 148 63.5 44.3 82.3



#65
 1,4-Dichlorobenzene
 Concen: 4.839 ug/L
 RT: 11.830 min Scan# 3278
 Delta R.T. -0.000 min
 Lab File: VU056774.D
 Acq: 12 Dec 2023 08:38

Tgt Ion:146 Resp: 220548
 Ion Ratio Lower Upper
 146 100
 111 43.7 31.2 58.0
 148 64.3 45.6 84.8





#67

1,2-Dichlorobenzene

Concen: 4.923 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU056774.D

Acq: 12 Dec 2023 08:38

Instrument :

MSVOA_U

ClientSampleId :

H0AB0MSD

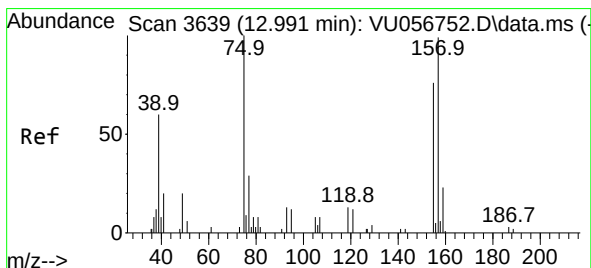
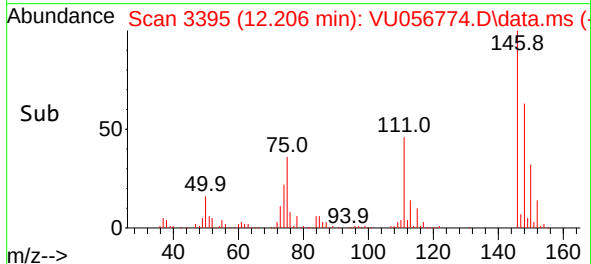
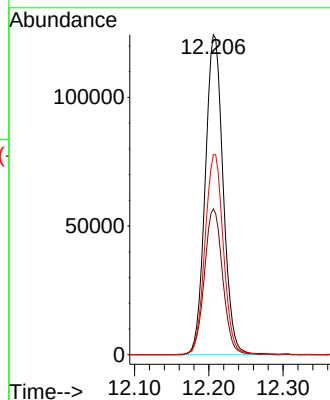
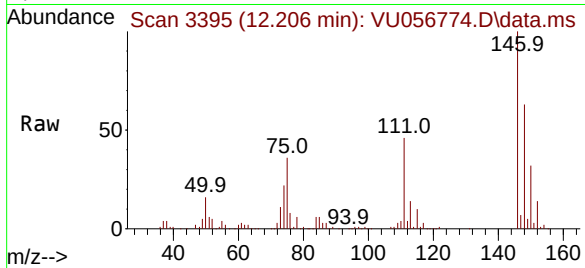
Tgt Ion:146 Resp: 207560

Ion Ratio Lower Upper

146 100

111 45.5 36.9 55.3

148 62.5 53.0 79.4



#68

1,2-Dibromo-3-chloropropane

Concen: 4.954 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.004 min

Lab File: VU056774.D

Acq: 12 Dec 2023 08:38

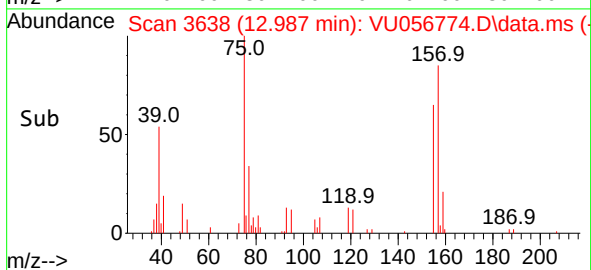
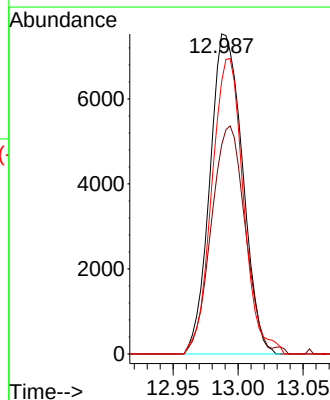
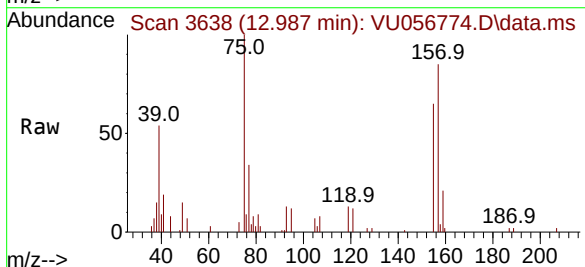
Tgt Ion: 75 Resp: 13152

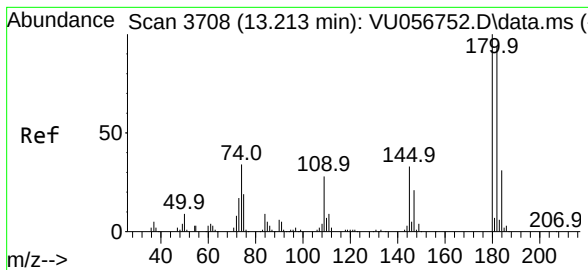
Ion Ratio Lower Upper

75 100

155 65.3 55.4 83.2

157 85.2 77.3 115.9

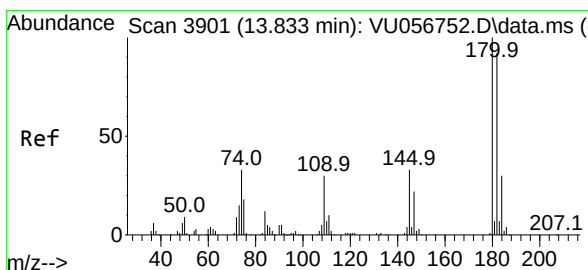
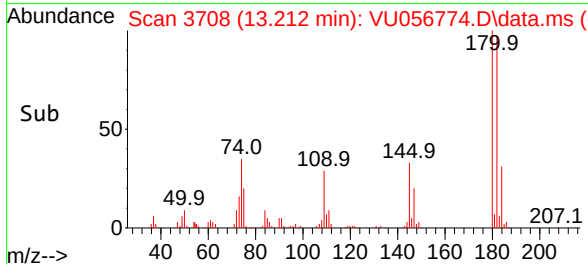
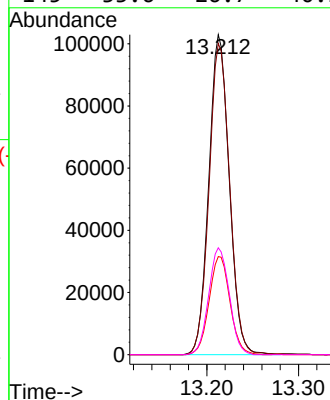
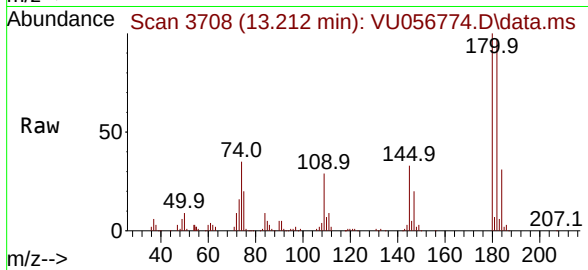




#69
 1,3,5-Trichlorobenzene
 Concen: 4.557 ug/L
 RT: 13.212 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU056774.D
 Acq: 12 Dec 2023 08:38

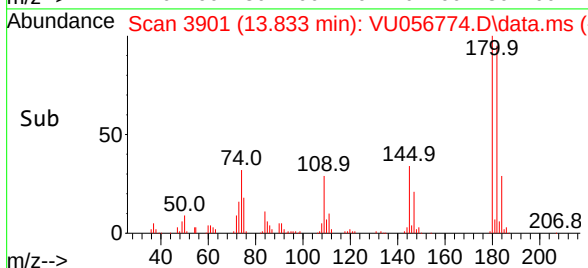
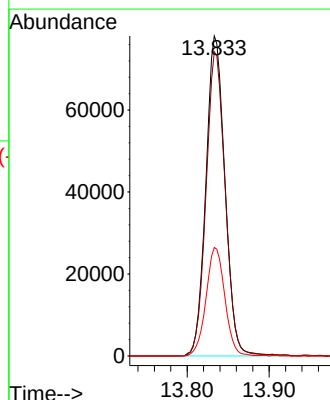
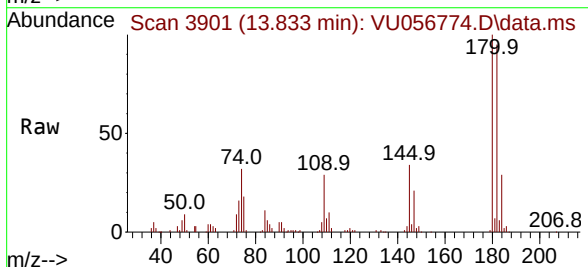
Instrument :
 MSVOA_U
 ClientSampleId :
 H0AB0MSD

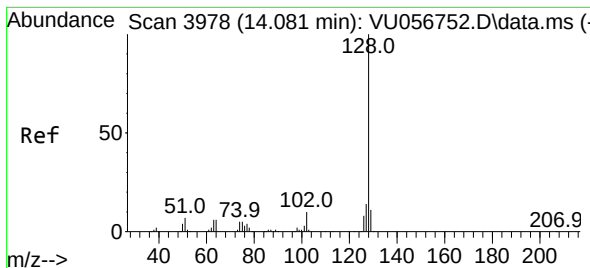
Tgt Ion:180 Resp: 159365
 Ion Ratio Lower Upper
 180 100
 182 98.0 76.2 114.4
 184 31.4 24.6 37.0
 145 33.6 26.7 40.1



#70
 1,2,4-trichlorobenzene
 Concen: 4.550 ug/L
 RT: 13.833 min Scan# 3901
 Delta R.T. -0.000 min
 Lab File: VU056774.D
 Acq: 12 Dec 2023 08:38

Tgt Ion:180 Resp: 126011
 Ion Ratio Lower Upper
 180 100
 182 95.4 74.3 111.5
 145 33.4 26.7 40.1





#71

Naphthalene

Concen: 4.502 ug/L

RT: 14.081 min Scan# 3978

Delta R.T. -0.000 min

Lab File: VU056774.D

Acq: 12 Dec 2023 08:38

Instrument :

MSVOA_U

ClientSampleId :

H0AB0MSD

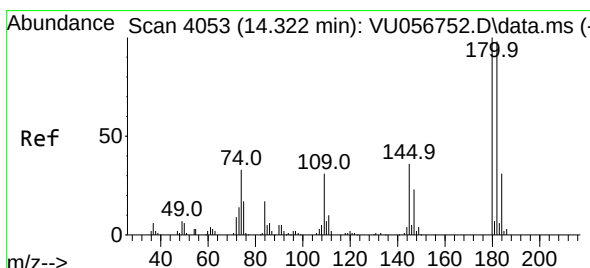
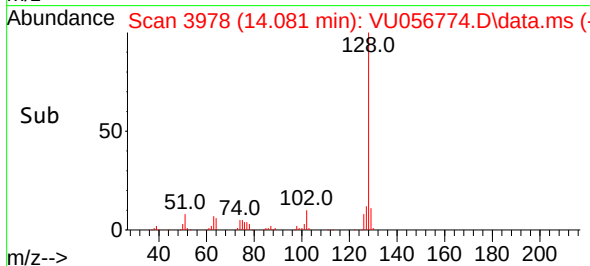
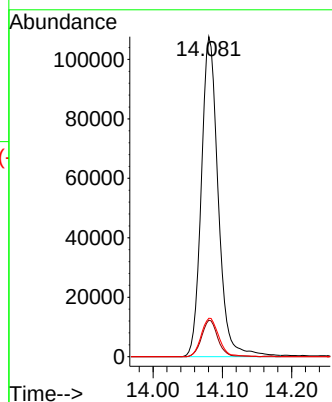
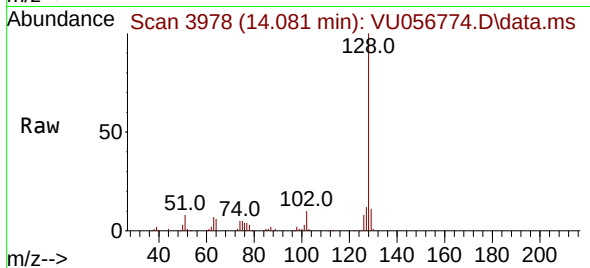
Tgt Ion:128 Resp: 182454

Ion Ratio Lower Upper

128 100

129 11.0 8.6 12.8

127 12.5 10.2 15.2



#72

1,2,3-Trichlorobenzene

Concen: 4.490 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. 0.003 min

Lab File: VU056774.D

Acq: 12 Dec 2023 08:38

Tgt Ion:180 Resp: 105575

Ion Ratio Lower Upper

180 100

182 94.9 75.0 112.6

145 35.4 28.6 42.8

