

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022724\
 Data File : VU057952.D
 Acq On : 27 Feb 2024 13:32
 Operator : MD/SY
 Sample : P1601-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 28 00:41:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 28 00:40:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	271876	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	263969	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	120325	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	72656	36.913	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.820%
7) Chloroethane-d5	1.904	69	61408	42.210	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.420%
11) 1,1-Dichloroethene-d2	2.557	63	108082	29.464	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.920%#
21) 2-Butanone-d5	4.612	46	87260	116.679	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.680%
24) Chloroform-d	5.052	84	149676	44.845	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.700%
26) 1,2-Dichloroethane-d4	5.692	65	97547	46.623	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.240%
32) Benzene-d6	5.718	84	295748	44.707	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.420%
36) 1,2-Dichloropropane-d6	6.682	67	98994	46.344	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.680%
41) Toluene-d8	7.891	98	257931	43.073	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.140%
43) trans-1,3-Dichloroprop...	8.174	79	43762	43.022	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.040%
47) 2-Hexanone-d5	8.627	63	62637	76.277	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.280%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	123233	41.809	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.620%
66) 1,2-Dichlorobenzene-d4	12.190	152	91046	46.730	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.460%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	5171	1.735	ug/L	95
3) Chloromethane	1.515	50	5226	1.724	ug/L	94
5) Vinyl chloride	1.596	62	5333	1.782	ug/L #	77
6) Bromomethane	1.850	94	3051	2.611	ug/L	71
8) Chloroethane	1.927	64	3232	1.847	ug/L	99
9) Trichlorofluoromethane	2.132	101	6550	1.789	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	4926	2.315	ug/L #	83
12) 1,1-Dichloroethene	2.570	96	4538	2.305	ug/L #	1
14) Carbon disulfide	2.785	76	11801	1.832	ug/L	98
15) Methyl Acetate	2.949	43	3597	1.596	ug/L	94
16) Methylene chloride	3.036	84	4990	1.945	ug/L	94
17) trans-1,2-Dichloroethene	3.345	96	3770	1.846	ug/L	96
18) Methyl tert-butyl Ether	3.354	73	12699	1.786	ug/L	97
19) 1,1-Dichloroethane	3.859	63	7435	1.756	ug/L	98
20) cis-1,2-Dichloroethene	4.660	96	4383	1.871	ug/L	92
23) Bromochloromethane	4.968	128	1901	1.670	ug/L	91
27) 1,2-Dichloroethane	5.788	62	6247	1.796	ug/L	97
29) Cyclohexane	5.380	56	6554	1.687	ug/L	96
30) 1,1,1-Trichloroethane	5.309	97	6247	1.756	ug/L	98

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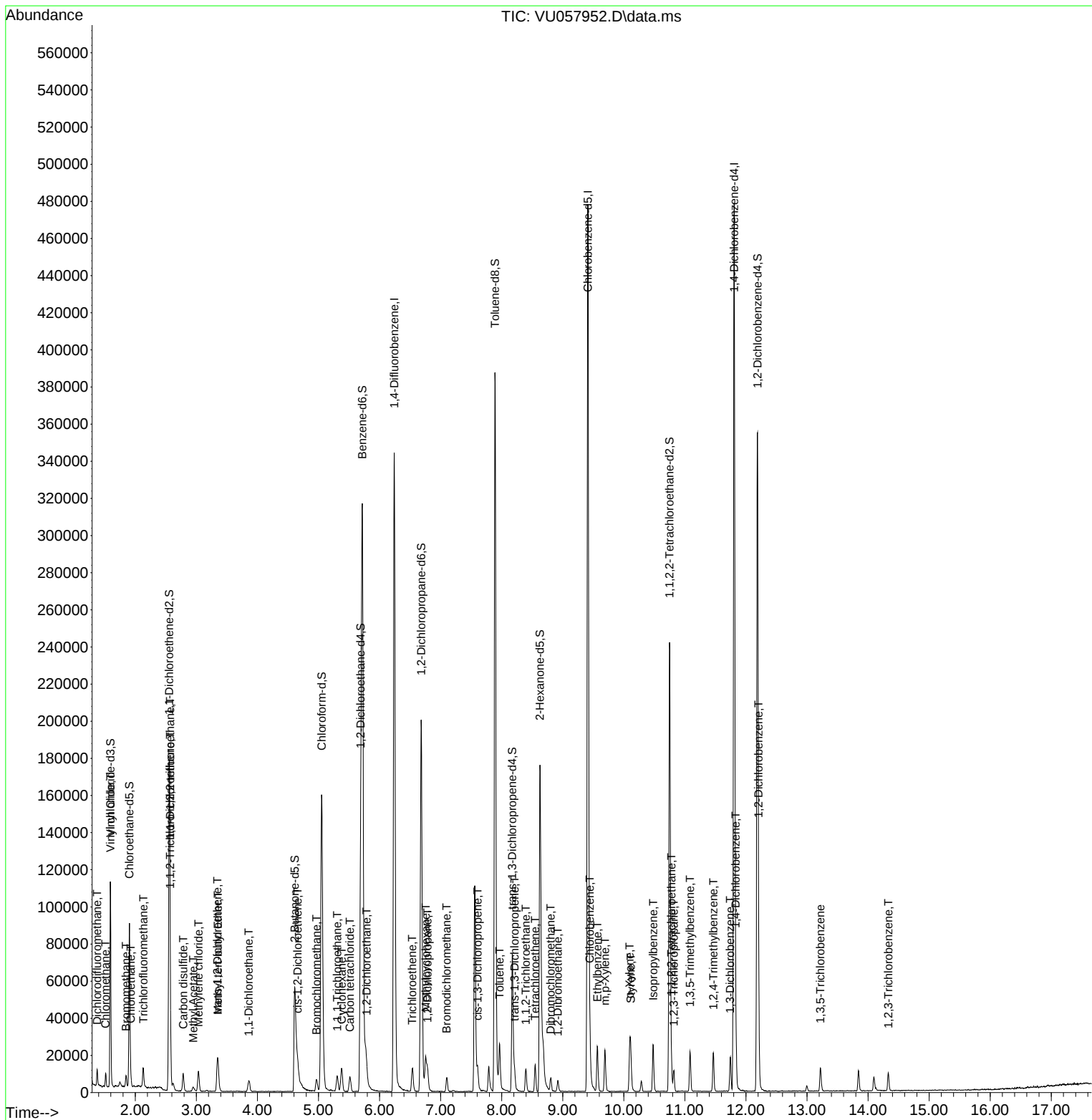
Quant Time: Feb 28 00:41:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 28 00:40:01 2024
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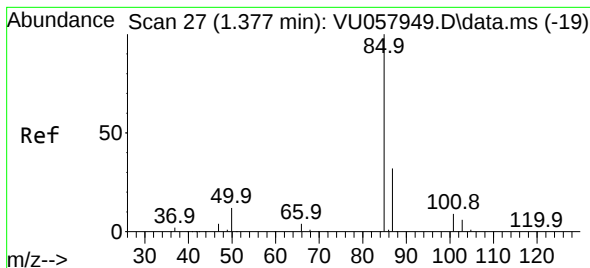
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

31) Carbon tetrachloride	5.515	117	5255	1.720	ug/L	96
34) Trichloroethene	6.534	95	4470	1.889	ug/L	87
35) Methylcyclohexane	6.756	83	7178	1.867	ug/L	91
37) 1,2-Dichloropropane	6.785	63	5036	1.938	ug/L #	93
38) Bromodichloromethane	7.100	83	5254	1.684	ug/L	98
39) cis-1,3-Dichloropropene	7.605	75	7047	1.775	ug/L	91
42) Toluene	7.965	91	17054	1.790	ug/L	96
44) trans-1,3-Dichloropropene	8.209	75	5676	1.541	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	4158	1.801	ug/L	82
46) Tetrachloroethene	8.550	164	2900	1.781	ug/L	91
49) Dibromochloromethane	8.801	129	3874	1.685	ug/L	98
50) 1,2-Dibromoethane	8.920	107	4105	1.689	ug/L #	94
51) Chlorobenzene	9.444	112	11130	1.837	ug/L	96
52) Ethylbenzene	9.566	91	18361	1.719	ug/L	99
53) m,p-Xylene	9.692	106	6723	1.730	ug/L	84
54) o-Xylene	10.097	106	5933	1.545	ug/L	96
55) Styrene	10.116	104	9797	1.488	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.778	83	6610	1.681	ug/L	98
60) 1,2,3-Trichloropropane	10.820	75	4681	1.679	ug/L	93
61) Isopropylbenzene	10.483	105	16716	1.778	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	12363	1.526	ug/L	99
63) 1,2,4-Trimethylbenzene	11.470	105	12247	1.504	ug/L	98
64) 1,3-Dichlorobenzene	11.743	146	7549	1.816	ug/L	94
65) 1,4-Dichlorobenzene	11.833	146	8092	1.911	ug/L	94
67) 1,2-Dichlorobenzene	12.206	146	7387	1.806	ug/L	91
69) 1,3,5-Trichlorobenzene	13.219	180	4484	1.603	ug/L #	83
72) 1,2,3-Trichlorobenzene	14.331	180	3729	1.803	ug/L	91

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

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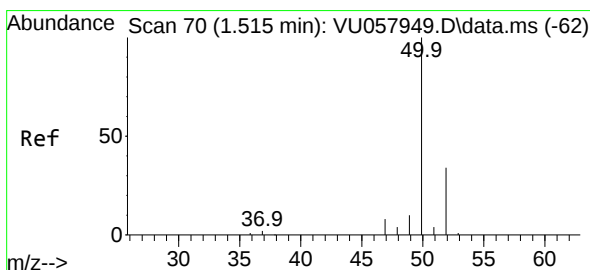
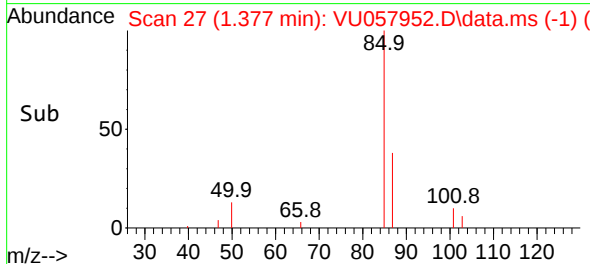
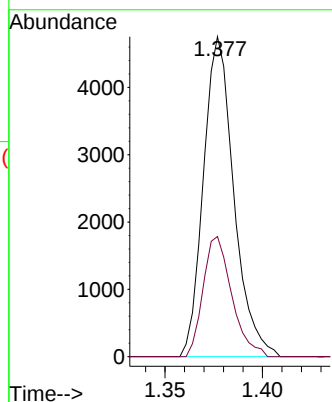
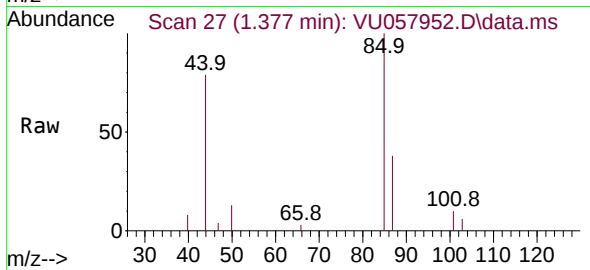




#2
 Dichlorodifluoromethane
 Concen: 1.735 ug/L
 RT: 1.377 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU057952.D
 Acq: 27 Feb 2024 13:32

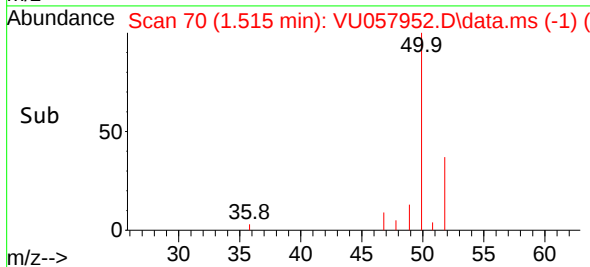
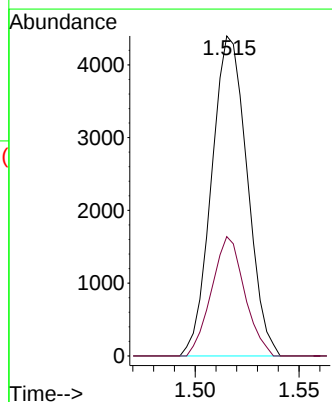
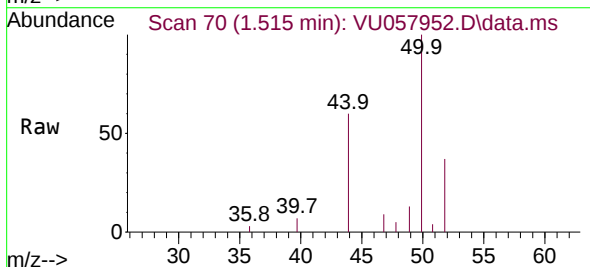
Instrument :
 MSVOA_U
 ClientSampleId :

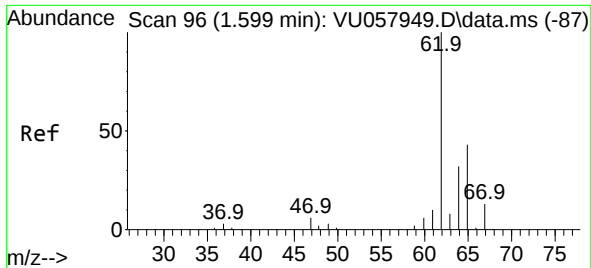
Tgt Ion: 85 Resp: 5171
 Ion Ratio Lower Upper
 85 100
 87 35.3 26.2 39.2



#3
 Chloromethane
 Concen: 1.724 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU057952.D
 Acq: 27 Feb 2024 13:32

Tgt Ion: 50 Resp: 5226
 Ion Ratio Lower Upper
 50 100
 52 37.3 23.8 44.2

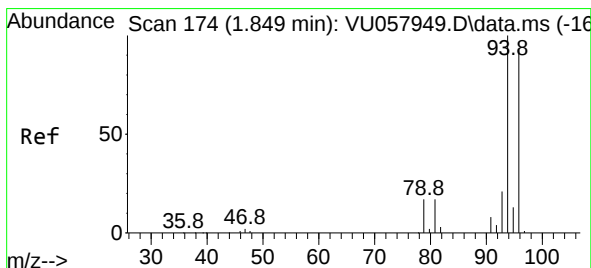
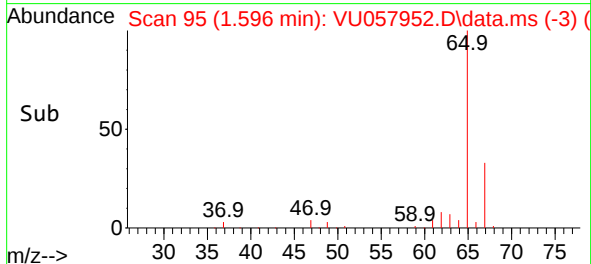
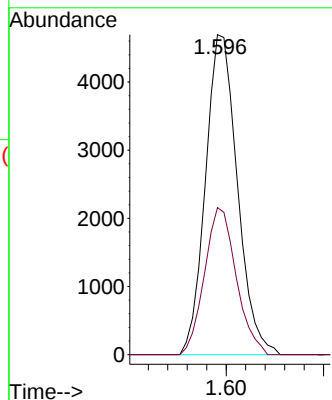
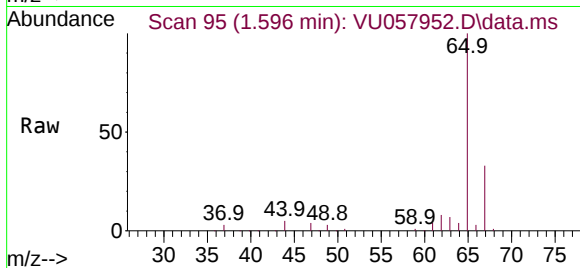




#5
 Vinyl chloride
 Concen: 1.782 ug/L
 RT: 1.596 min Scan# 91
 Delta R.T. -0.003 min
 Lab File: VU057952.D
 Acq: 27 Feb 2024 13:32

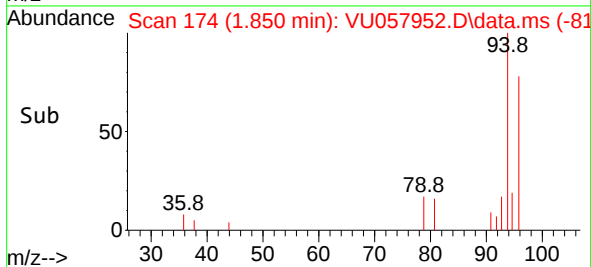
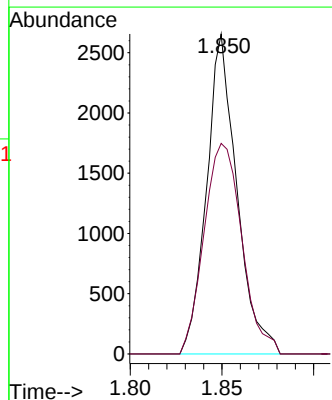
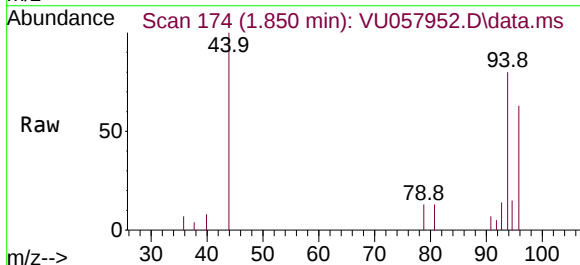
Instrument :
 MSVOA_U
 ClientSampleId :

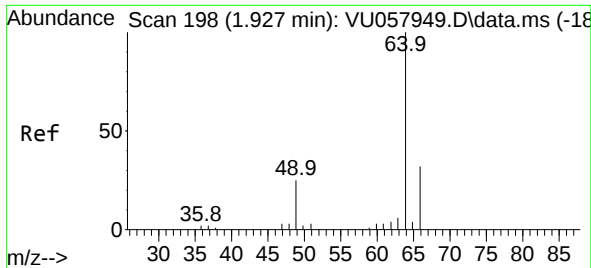
Tgt Ion: 62 Resp: 5333
 Ion Ratio Lower Upper
 62 100
 64 45.9 23.1 42.9#



#6
 Bromomethane
 Concen: 2.611 ug/L
 RT: 1.850 min Scan# 174
 Delta R.T. 0.000 min
 Lab File: VU057952.D
 Acq: 27 Feb 2024 13:32

Tgt Ion: 94 Resp: 3051
 Ion Ratio Lower Upper
 94 100
 96 65.8 65.5 121.7

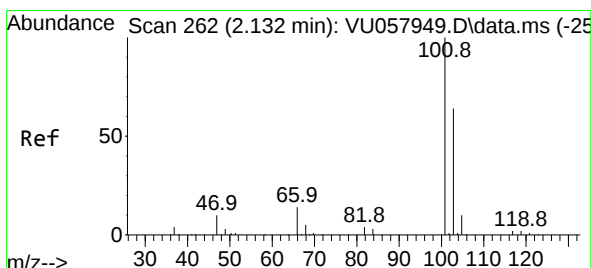
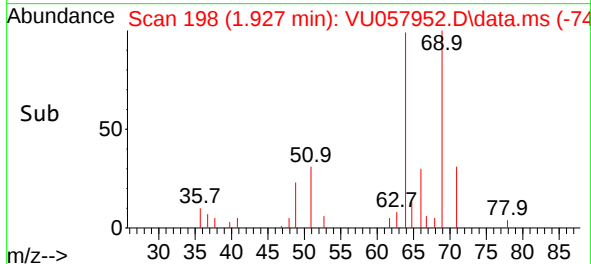
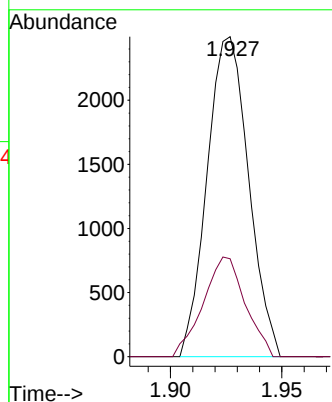
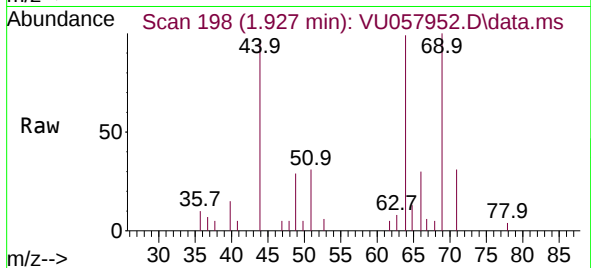




#8
Chloroethane
Concen: 1.847 ug/L
RT: 1.927 min Scan# 198
Delta R.T. 0.000 min
Lab File: VU057952.D
Acq: 27 Feb 2024 13:32

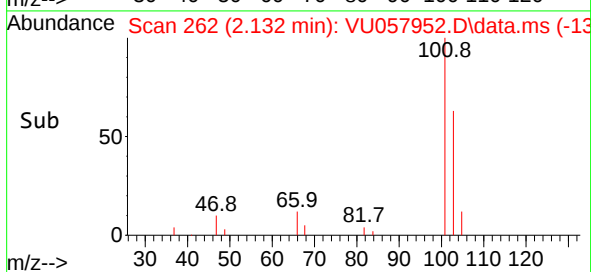
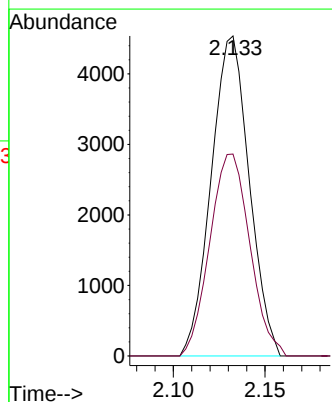
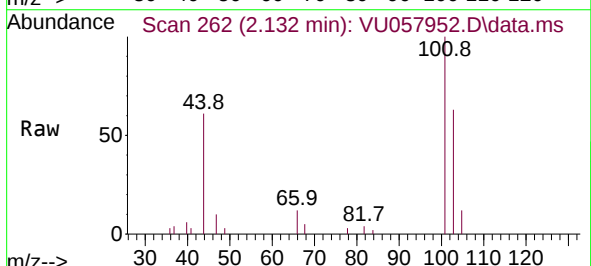
Instrument :
MSVOA_U
ClientSampleId :

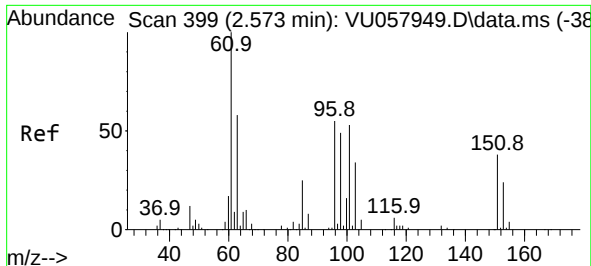
Tgt Ion: 64 Resp: 3232
Ion Ratio Lower Upper
64 100
66 32.9 22.5 41.9



#9
Trichlorofluoromethane
Concen: 1.789 ug/L
RT: 2.132 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU057952.D
Acq: 27 Feb 2024 13:32

Tgt Ion:101 Resp: 6550
Ion Ratio Lower Upper
101 100
103 66.3 51.7 77.5





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 2.315 ug/L

RT: 2.573 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU057952.D

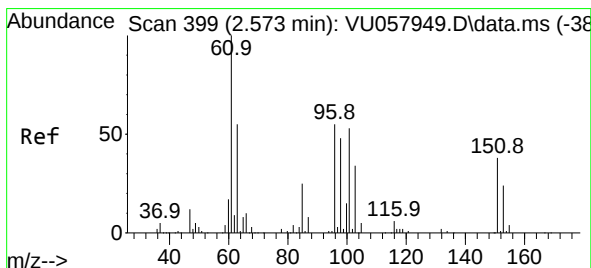
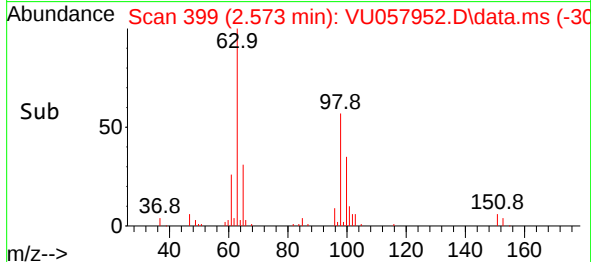
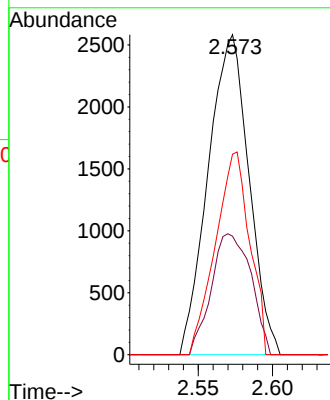
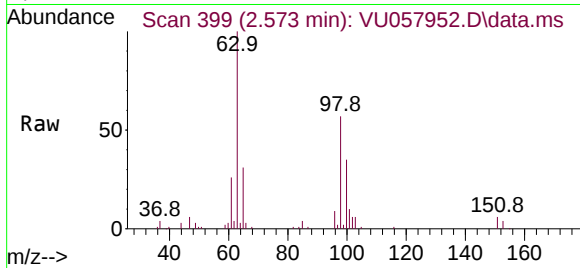
Acq: 27 Feb 2024 13:32

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	101	Resp:	4926
Ion Ratio	Lower	Upper	
101	100		
85	36.8	35.7	53.5
151	53.4	55.8	83.6#



#12

1,1-Dichloroethene

Concen: 2.305 ug/L

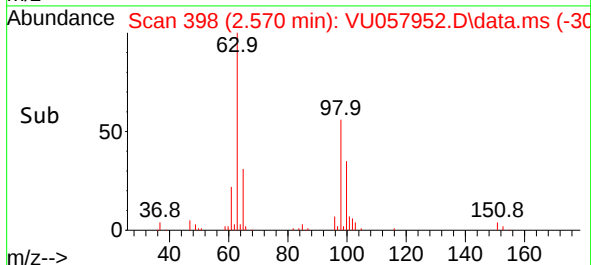
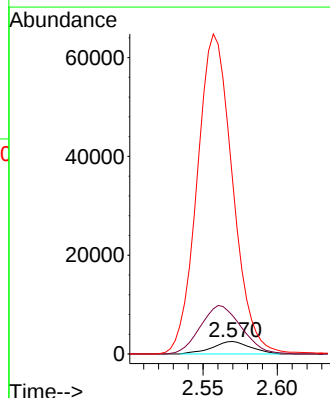
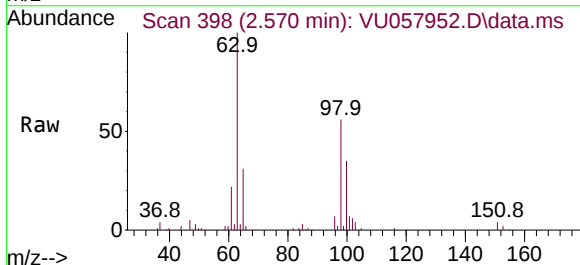
RT: 2.570 min Scan# 398

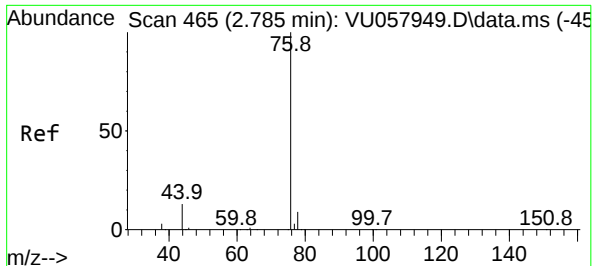
Delta R.T. -0.003 min

Lab File: VU057952.D

Acq: 27 Feb 2024 13:32

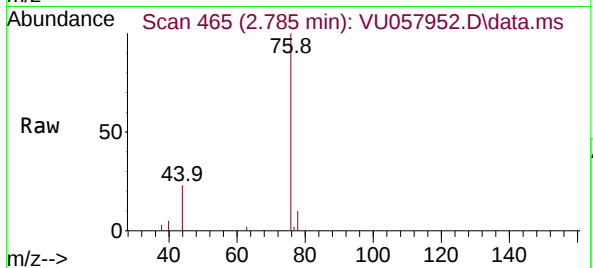
Tgt Ion:	96	Resp:	4538
Ion Ratio	Lower	Upper	
96	100		
61	309.9	126.8	235.6#
63	1406.4	86.5	160.7#



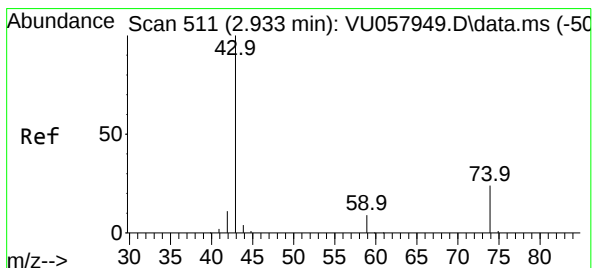
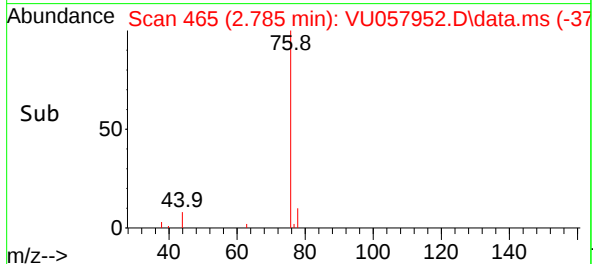
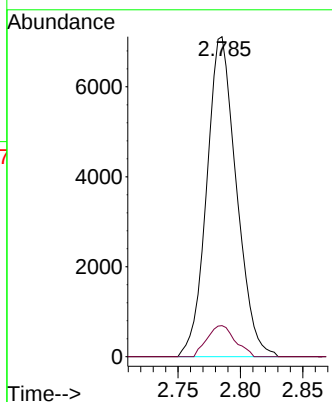


#14
Carbon disulfide
Concen: 1.832 ug/L
RT: 2.785 min Scan# 41
Delta R.T. 0.000 min
Lab File: VU057952.D
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Instrument :
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ClientSampleId :

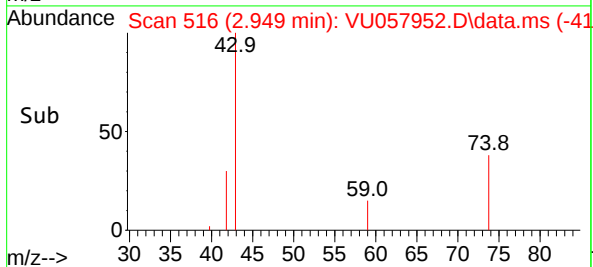
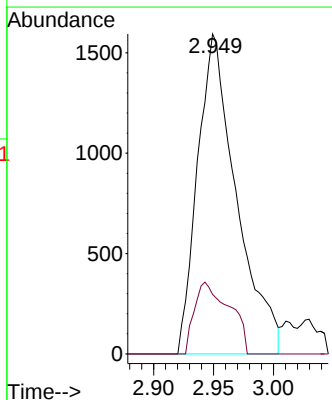
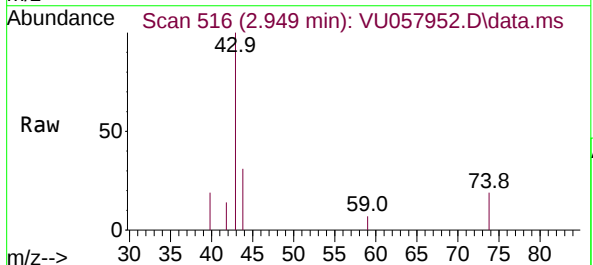


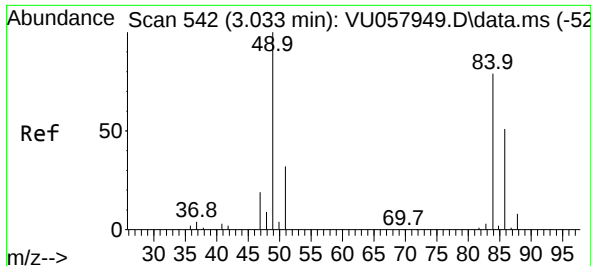
Tgt Ion: 76 Resp: 11801
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7



#15
Methyl Acetate
Concen: 1.596 ug/L
RT: 2.949 min Scan# 516
Delta R.T. 0.016 min
Lab File: VU057952.D
Acq: 27 Feb 2024 13:32

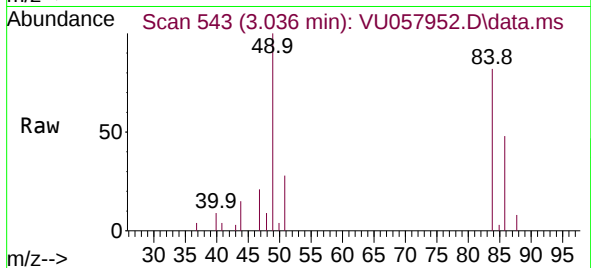
Tgt Ion: 43 Resp: 3597
Ion Ratio Lower Upper
43 100
74 20.1 18.6 27.8





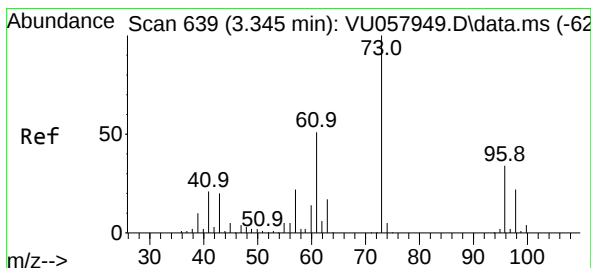
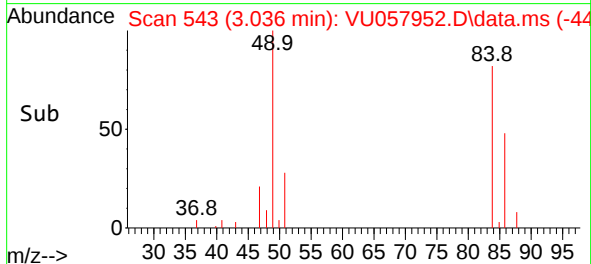
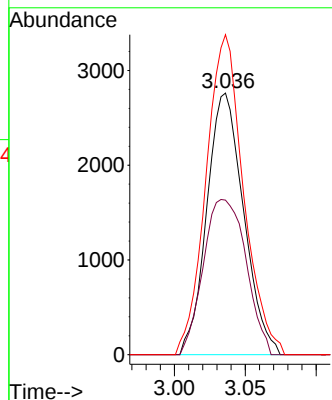
#16
Methylene chloride
Concen: 1.945 ug/L
RT: 3.036 min Scan# 542
Delta R.T. 0.003 min
Lab File: VU057952.D
Acq: 27 Feb 2024 13:32

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 4990

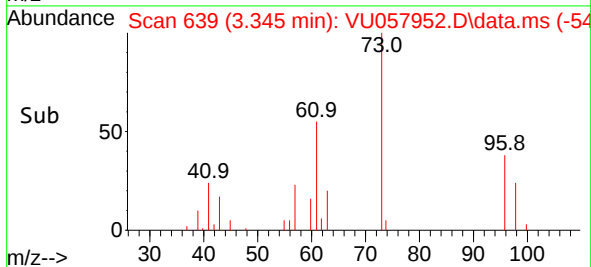
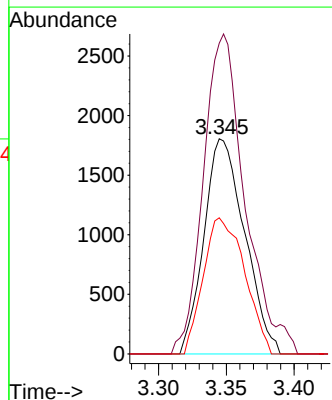
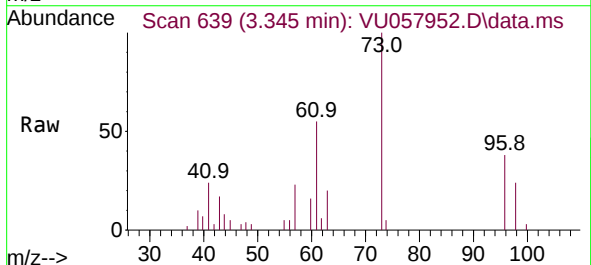
Ion	Ratio	Lower	Upper
84	100		
86	59.1	45.1	83.7
49	122.3	89.7	166.5

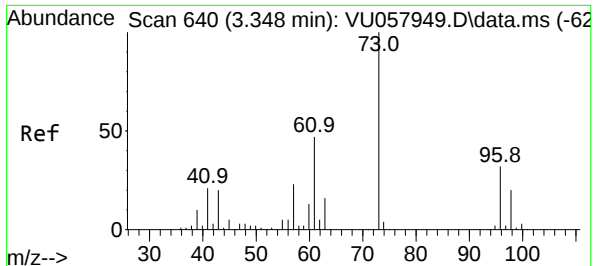


#17
trans-1,2-Dichloroethene
Concen: 1.846 ug/L
RT: 3.345 min Scan# 639
Delta R.T. 0.000 min
Lab File: VU057952.D
Acq: 27 Feb 2024 13:32

Tgt Ion: 96 Resp: 3770

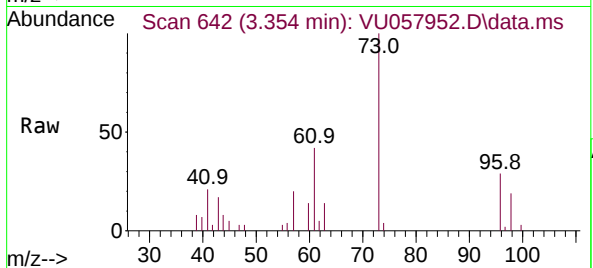
Ion	Ratio	Lower	Upper
96	100		
61	144.4	106.3	197.3
98	63.3	44.4	82.5



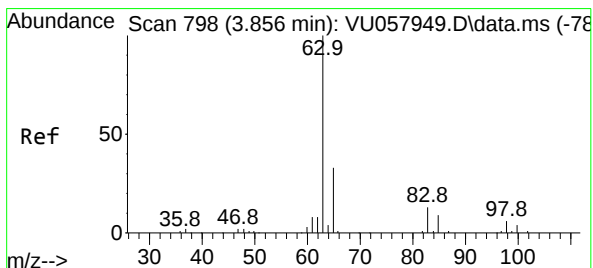
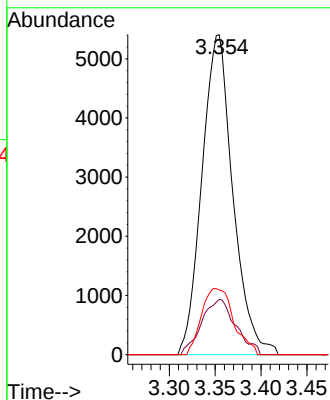
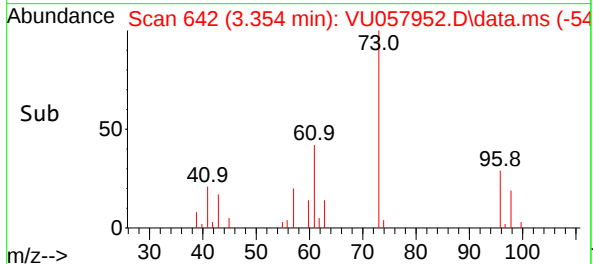


#18
Methyl tert-butyl Ether
Concen: 1.786 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.007 min
Lab File: VU057952.D
Acq: 27 Feb 2024 13:32

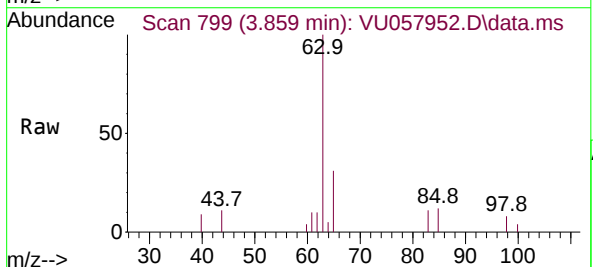
Instrument :
MSVOA_U
ClientSampleId :



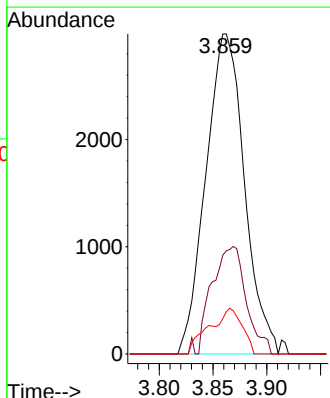
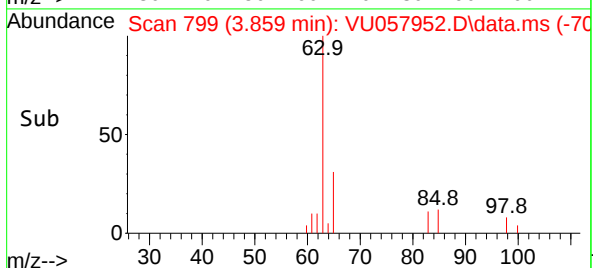
Tgt Ion: 73	Resp: 12699
Ion Ratio	Lower Upper
73	100
43	18.3 16.0 24.0
57	21.5 17.8 26.6

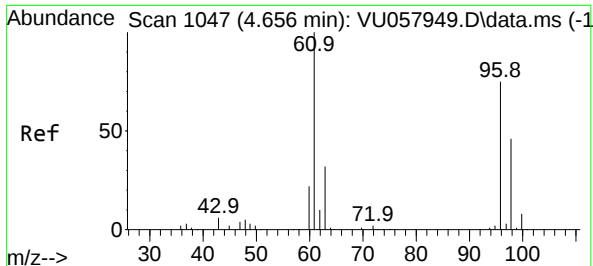


#19
1,1-Dichloroethane
Concen: 1.756 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.003 min
Lab File: VU057952.D
Acq: 27 Feb 2024 13:32



Tgt Ion: 63	Resp: 7435
Ion Ratio	Lower Upper
63	100
65	30.9 21.7 40.3
83	11.1 9.4 17.4

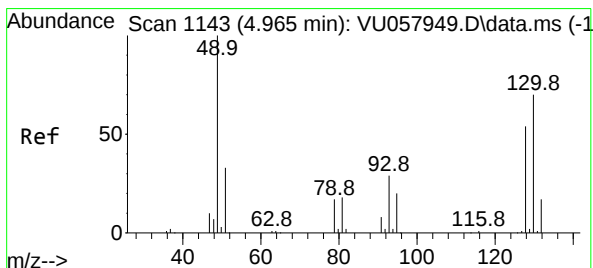
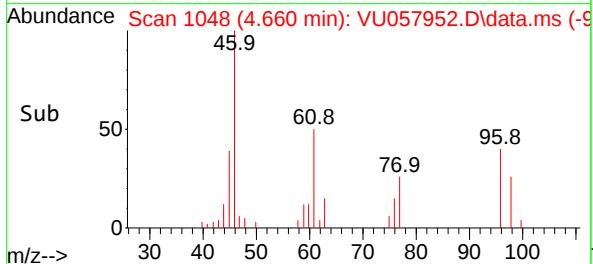
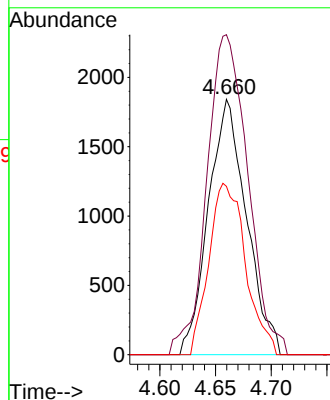
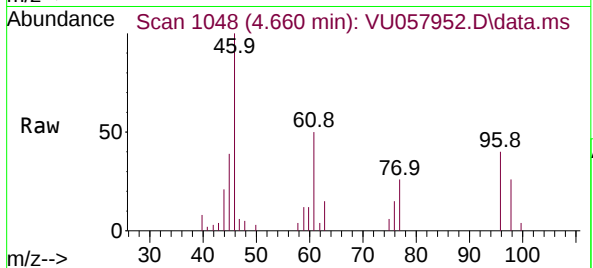




#20
cis-1,2-Dichloroethene
Concen: 1.871 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU057952.D
Acq: 27 Feb 2024 13:32

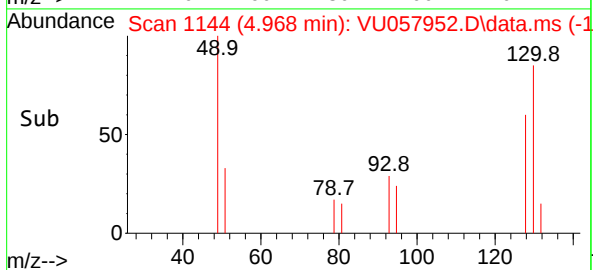
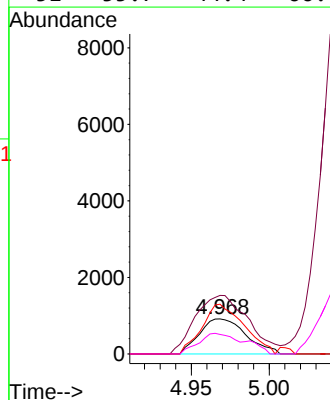
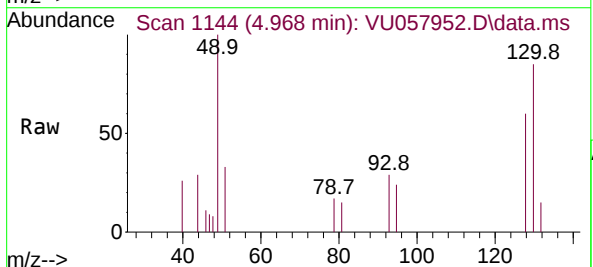
Instrument :
MSVOA_U
ClientSampleId :

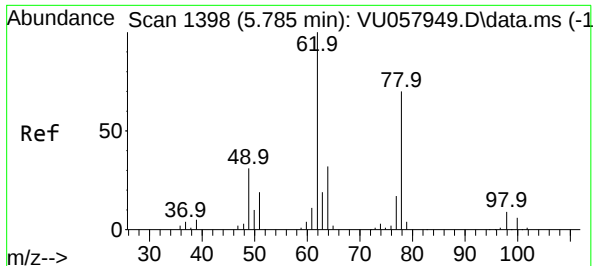
Tgt Ion: 96 Resp: 4383
Ion Ratio Lower Upper
96 100
61 125.3 96.7 179.7
98 65.9 44.3 82.3



#23
Bromochloromethane
Concen: 1.670 ug/L
RT: 4.968 min Scan# 1144
Delta R.T. 0.003 min
Lab File: VU057952.D
Acq: 27 Feb 2024 13:32

Tgt Ion:128 Resp: 1901
Ion Ratio Lower Upper
128 100
49 167.6 124.0 230.4
130 142.2 87.8 163.0
51 55.7 44.4 66.6

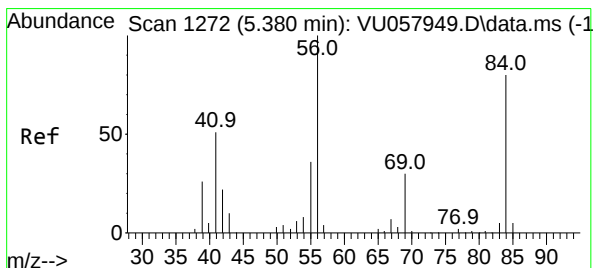
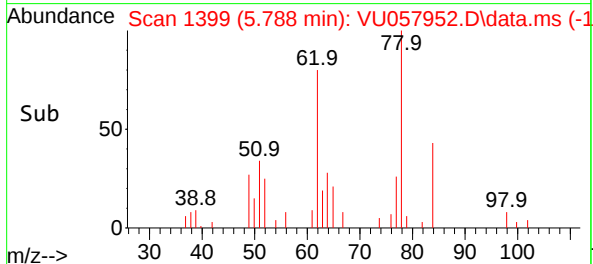
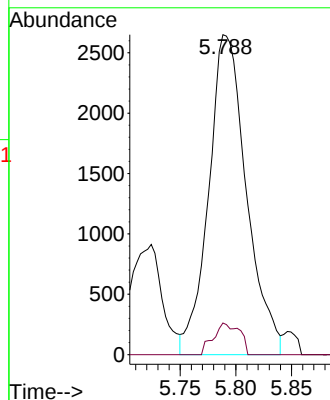
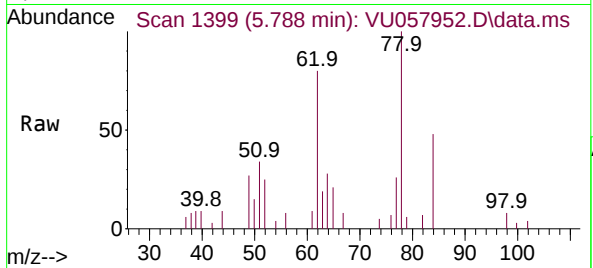




#27
1,2-Dichloroethane
Concen: 1.796 ug/L
RT: 5.788 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU057952.D
Acq: 27 Feb 2024 13:32

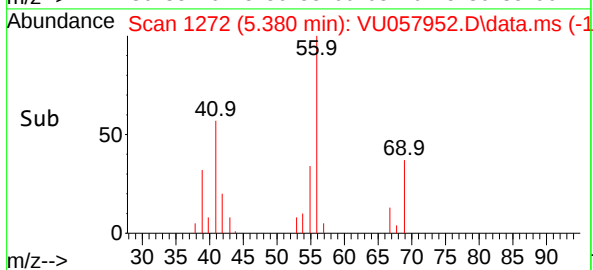
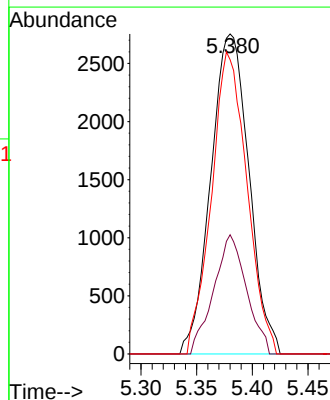
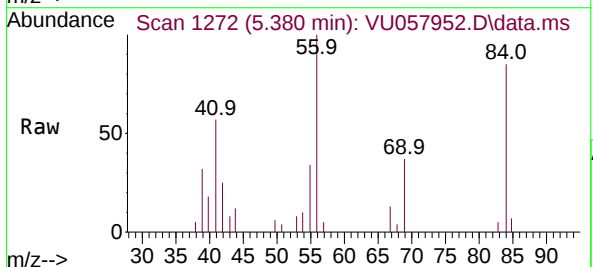
Instrument :
MSVOA_U
ClientSampleId :

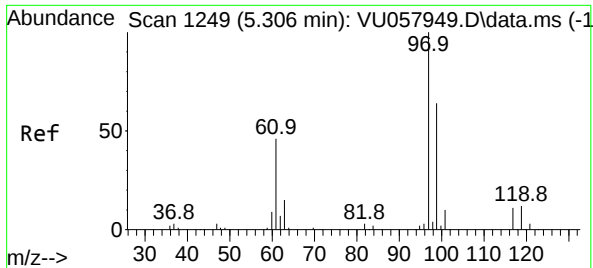
Tgt Ion: 62 Resp: 6247
Ion Ratio Lower Upper
62 100
98 9.9 7.1 10.7



#29
Cyclohexane
Concen: 1.687 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU057952.D
Acq: 27 Feb 2024 13:32

Tgt Ion: 56 Resp: 6554
Ion Ratio Lower Upper
56 100
69 32.1 24.6 36.8
84 87.7 66.9 100.3

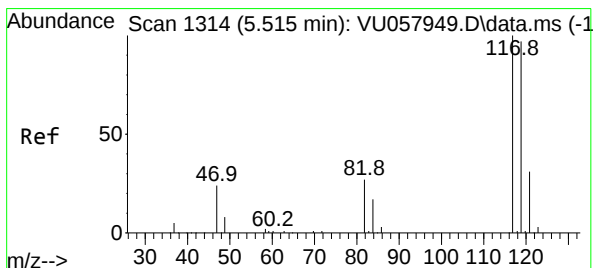
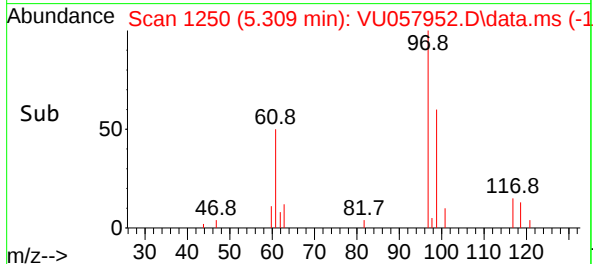
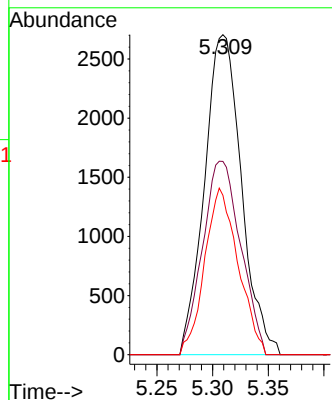
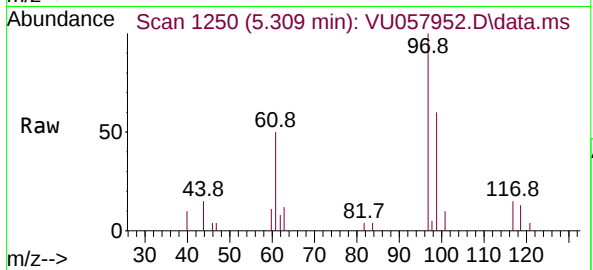




#30
1,1,1-Trichloroethane
Concen: 1.756 ug/L
RT: 5.309 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU057952.D
Acq: 27 Feb 2024 13:32

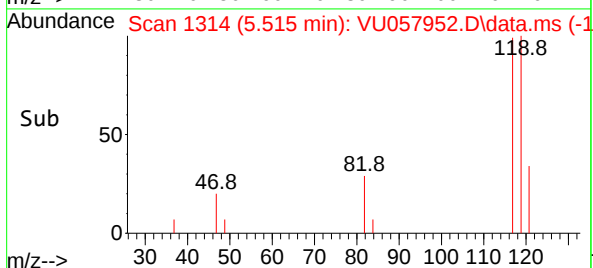
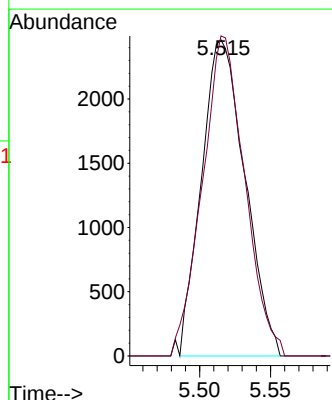
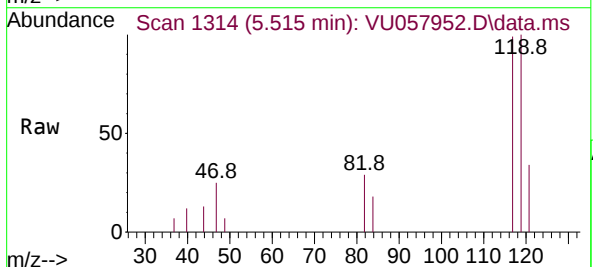
Instrument :
MSVOA_U
ClientSampleId :

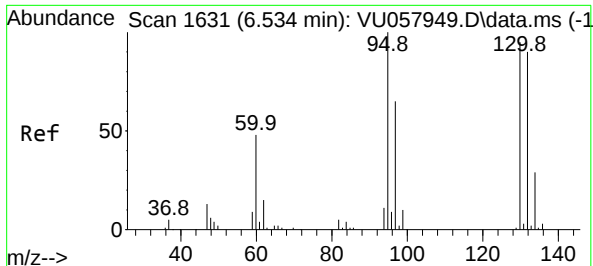
Tgt Ion: 97	Resp: 6247
Ion Ratio	Lower Upper
97 100	
99 62.4	51.6 77.4
61 47.2	36.8 55.2



#31
Carbon tetrachloride
Concen: 1.720 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU057952.D
Acq: 27 Feb 2024 13:32

Tgt Ion:117	Resp:	5255	
Ion	Ratio	Lower	Upper
117	100		
119	98.5	75.9	113.9



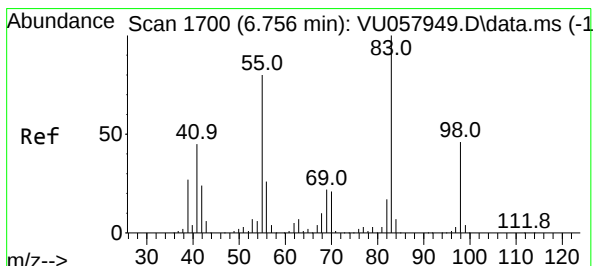
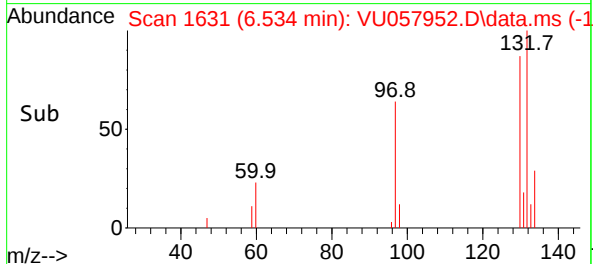
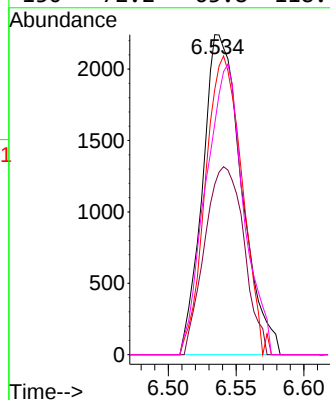
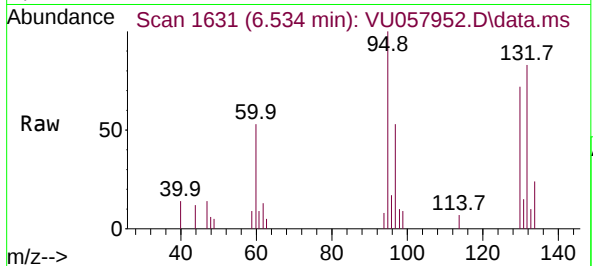


#34
Trichloroethene
Concen: 1.889 ug/L
RT: 6.534 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU057952.D
Acq: 27 Feb 2024 13:32

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 4470

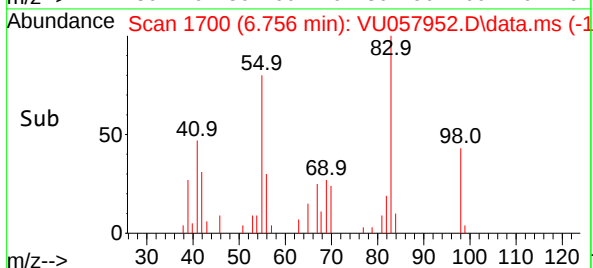
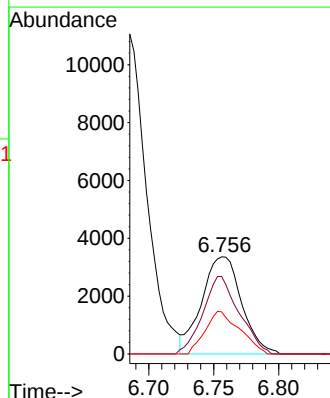
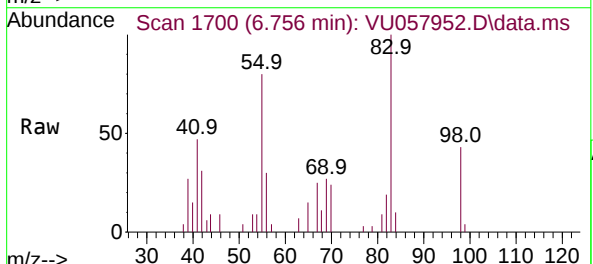
Ion	Ratio	Lower	Upper
95	100		
97	53.3	44.2	82.2
132	92.8	61.4	114.0
130	72.2	63.8	118.4

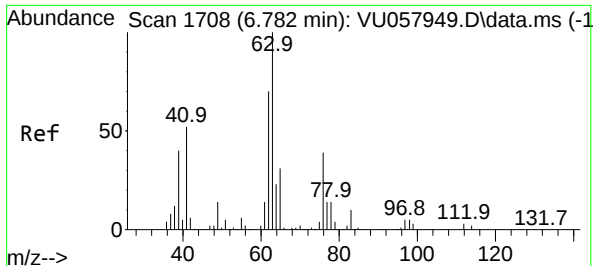


#35
Methylcyclohexane
Concen: 1.867 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VU057952.D
Acq: 27 Feb 2024 13:32

Tgt Ion: 83 Resp: 7178

Ion	Ratio	Lower	Upper
83	100		
55	72.2	62.7	94.1
98	37.9	36.3	54.5





#37

1,2-Dichloropropane

Concen: 1.938 ug/L

RT: 6.785 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU057952.D

Acq: 27 Feb 2024 13:32

Instrument :

MSVOA_U

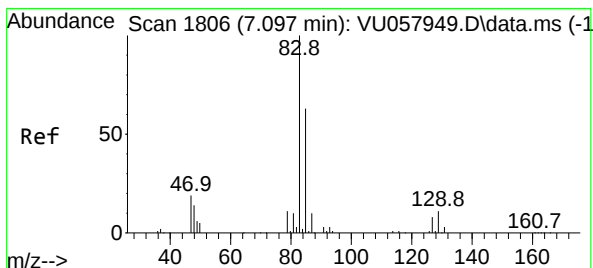
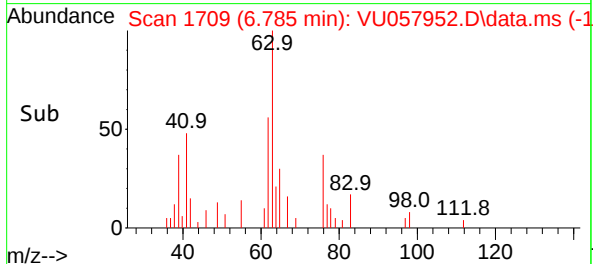
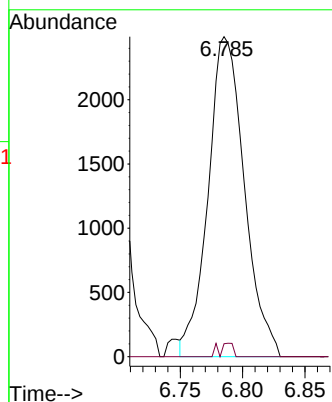
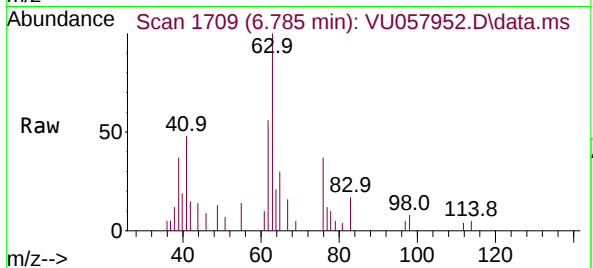
ClientSampleId :

Tgt Ion: 63 Resp: 5036

Ion Ratio Lower Upper

63 100

112 1.2 2.9 4.3#



#38

Bromodichloromethane

Concen: 1.684 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. 0.003 min

Lab File: VU057952.D

Acq: 27 Feb 2024 13:32

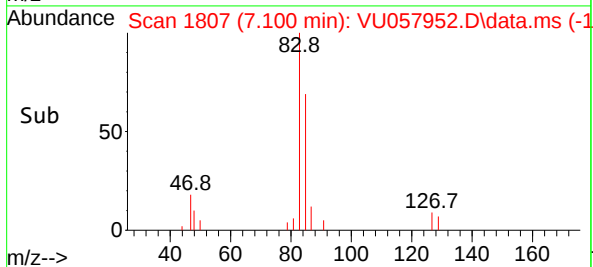
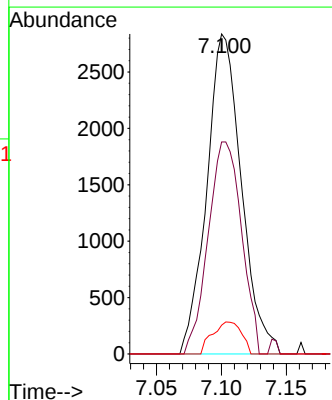
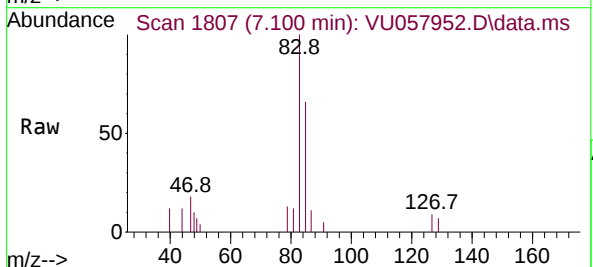
Tgt Ion: 83 Resp: 5254

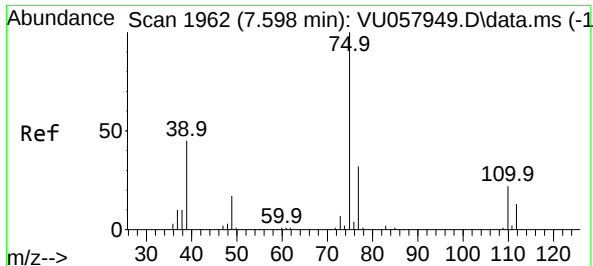
Ion Ratio Lower Upper

83 100

85 66.3 45.4 84.4

127 9.0 7.5 11.3





#39

cis-1,3-Dichloropropene

Concen: 1.775 ug/L

RT: 7.605 min Scan# 1964

Delta R.T. 0.007 min

Lab File: VU057952.D

Acq: 27 Feb 2024 13:32

Instrument :

MSVOA_U

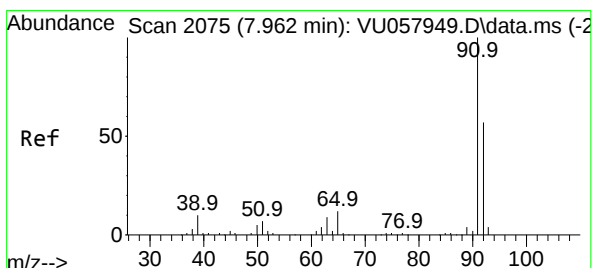
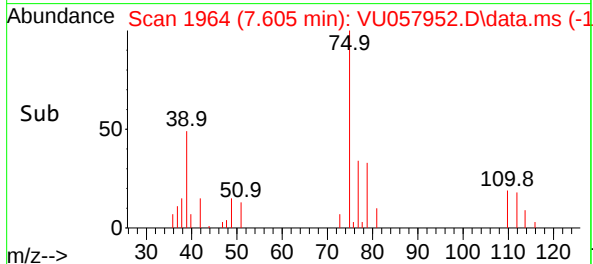
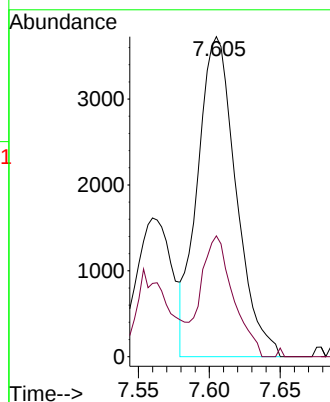
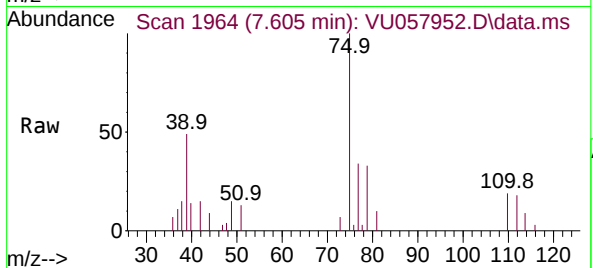
ClientSampleId :

Tgt Ion: 75 Resp: 7047

Ion Ratio Lower Upper

75 100

77 36.5 22.0 41.0



#42

Toluene

Concen: 1.790 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU057952.D

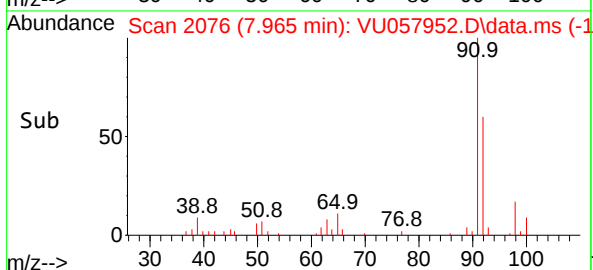
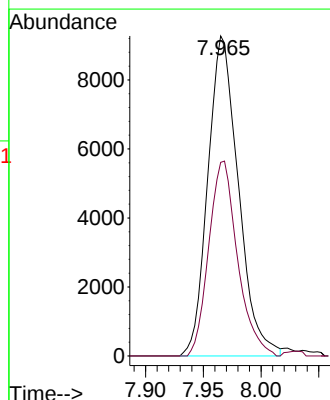
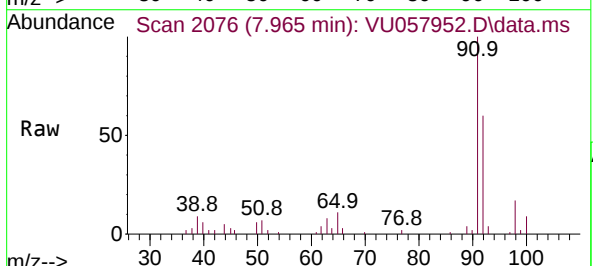
Acq: 27 Feb 2024 13:32

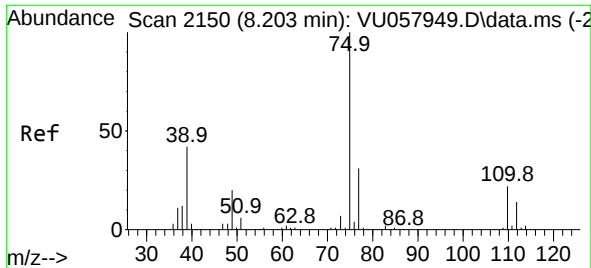
Tgt Ion: 91 Resp: 17054

Ion Ratio Lower Upper

91 100

92 60.5 40.3 74.9

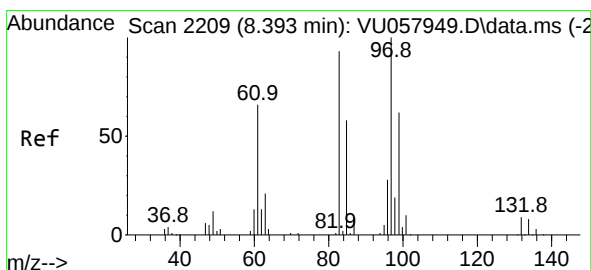
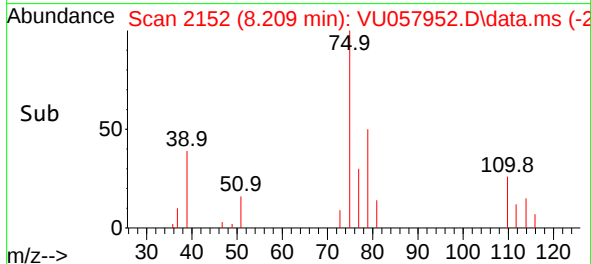
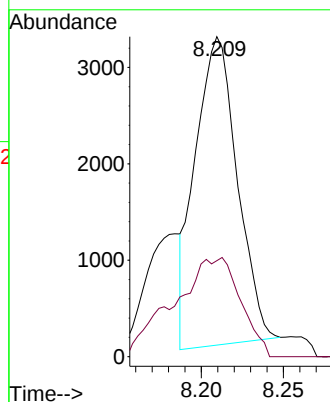
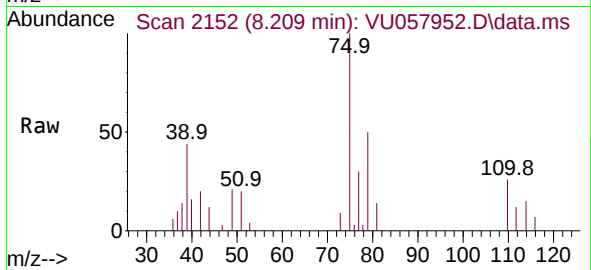




#44
trans-1,3-Dichloropropene
Concen: 1.541 ug/L
RT: 8.209 min Scan# 2150
Delta R.T. 0.007 min
Lab File: VU057952.D
Acq: 27 Feb 2024 13:32

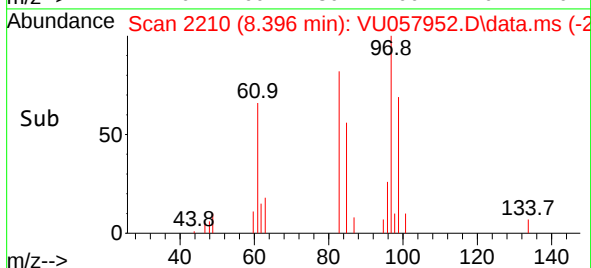
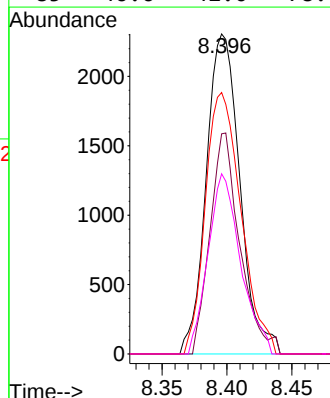
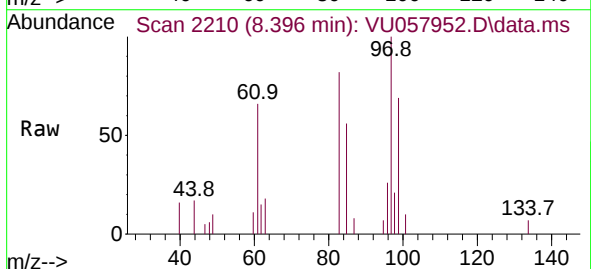
Instrument :
MSVOA_U
ClientSampleId :

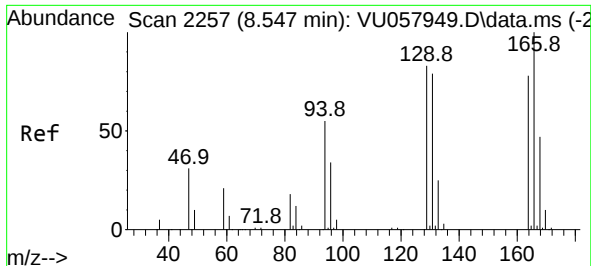
Tgt Ion: 75 Resp: 5676
Ion Ratio Lower Upper
75 100
77 30.0 21.8 40.4



#45
1,1,2-Trichloroethane
Concen: 1.801 ug/L
RT: 8.396 min Scan# 2210
Delta R.T. 0.003 min
Lab File: VU057952.D
Acq: 27 Feb 2024 13:32

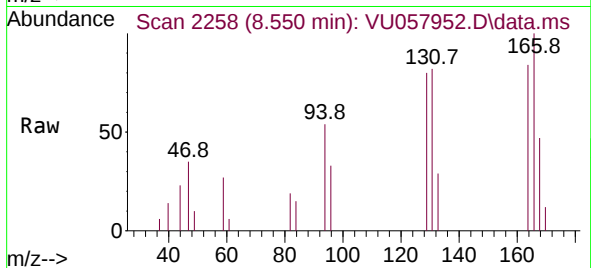
Tgt Ion: 97 Resp: 4158
Ion Ratio Lower Upper
97 100
99 57.0 43.0 80.0
83 67.7 65.0 120.6
85 46.6 42.0 78.0



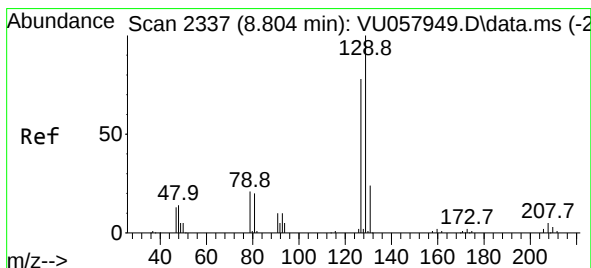
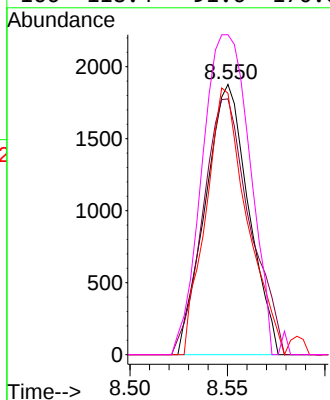
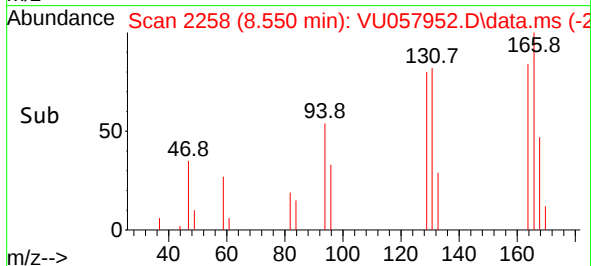


#46
Tetrachloroethene
Concen: 1.781 ug/L
RT: 8.550 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU057952.D
Acq: 27 Feb 2024 13:32

Instrument :
MSVOA_U
ClientSampleId :

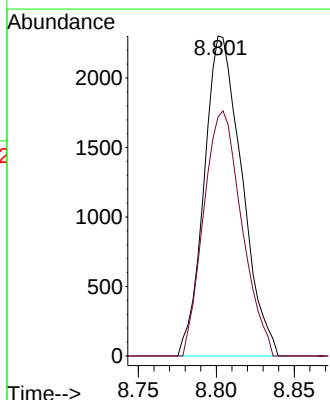
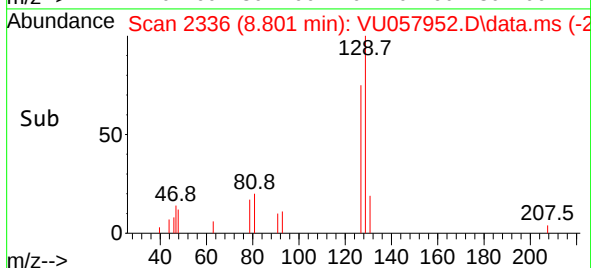
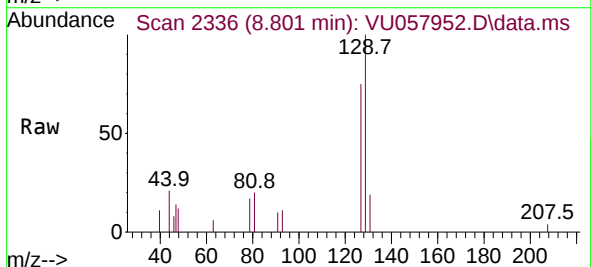


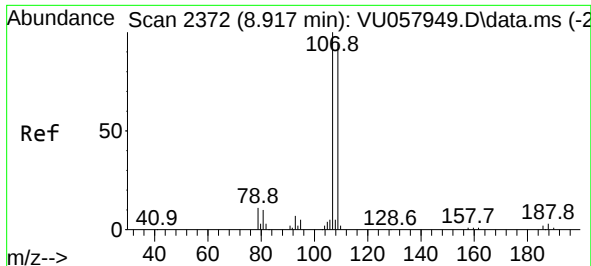
Tgt Ion:164 Resp: 2900
Ion Ratio Lower Upper
164 100
129 94.7 74.1 137.7
131 96.7 72.0 133.6
166 118.4 91.6 170.0



#49
Dibromochloromethane
Concen: 1.685 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.003 min
Lab File: VU057952.D
Acq: 27 Feb 2024 13:32

Tgt Ion:129 Resp: 3874
Ion Ratio Lower Upper
129 100
127 74.7 53.3 99.1





#50

1,2-Dibromoethane

Concen: 1.689 ug/L

RT: 8.920 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU057952.D

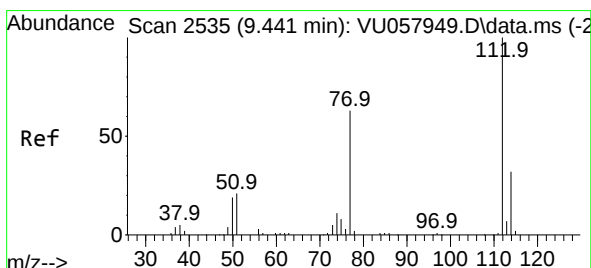
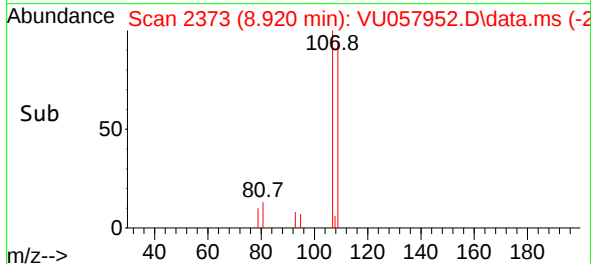
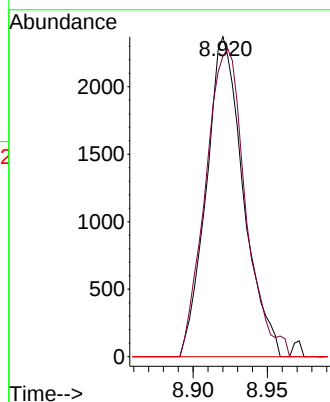
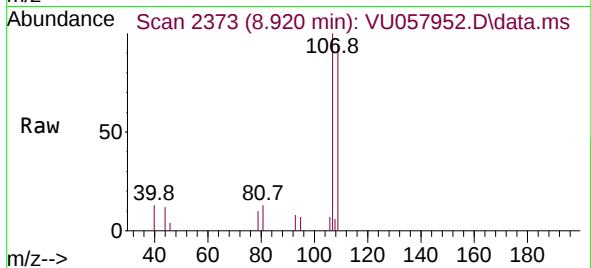
Acq: 27 Feb 2024 13:32

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	4105
Ion	Ratio	Lower	Upper
107	100		
109	88.5	66.1	122.8
188	0.0	2.6	3.8#



#51

Chlorobenzene

Concen: 1.837 ug/L

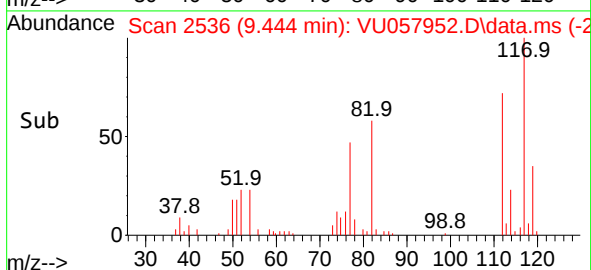
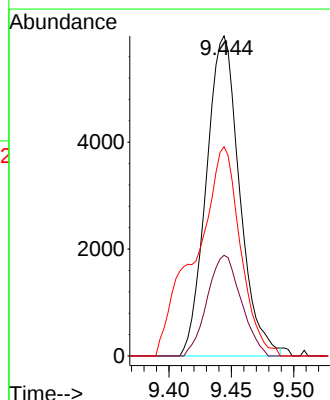
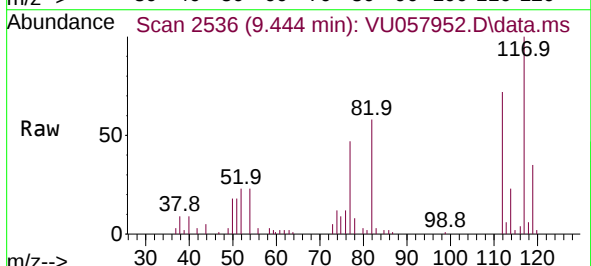
RT: 9.444 min Scan# 2536

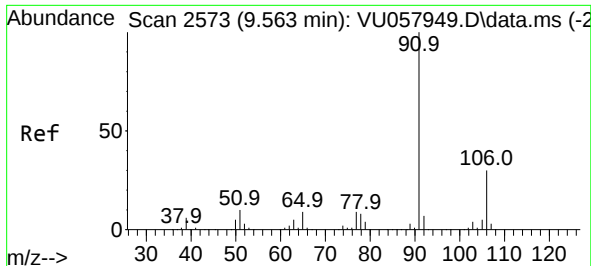
Delta R.T. 0.003 min

Lab File: VU057952.D

Acq: 27 Feb 2024 13:32

Tgt Ion:	112	Resp:	11130
Ion	Ratio	Lower	Upper
112	100		
114	31.2	22.7	42.1
77	60.5	51.8	77.8

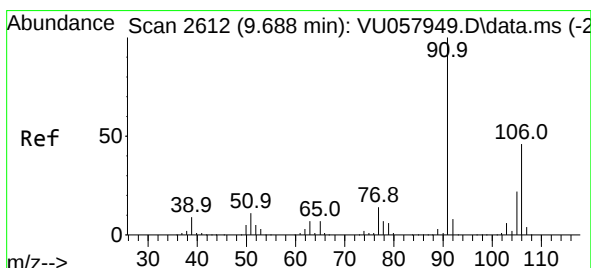
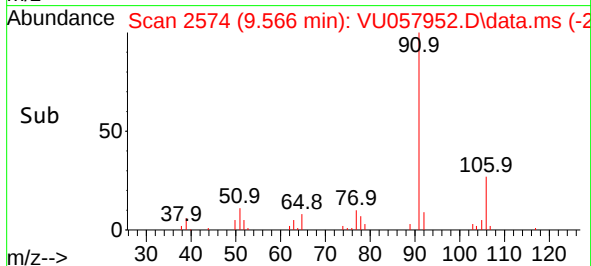
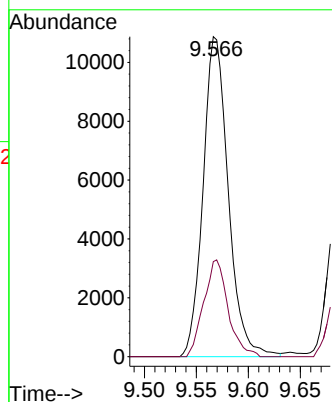
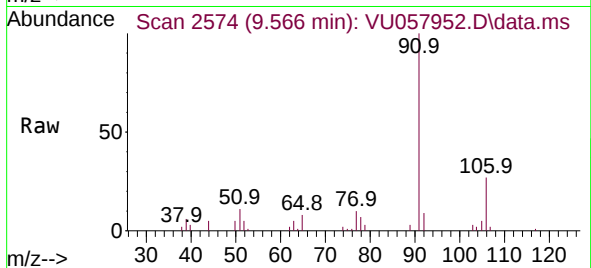




#52
Ethylbenzene
Concen: 1.719 ug/L
RT: 9.566 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU057952.D
Acq: 27 Feb 2024 13:32

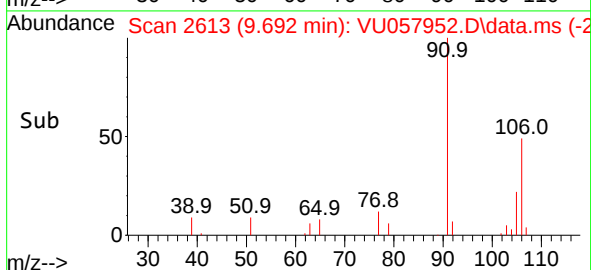
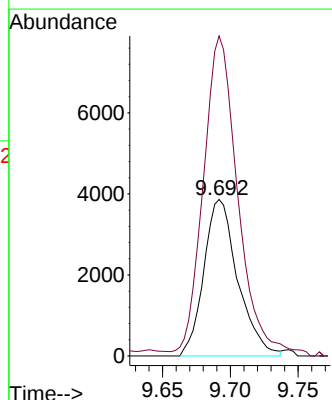
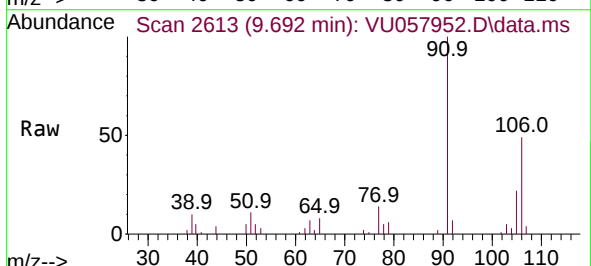
Instrument :
MSVOA_U
ClientSampleId :

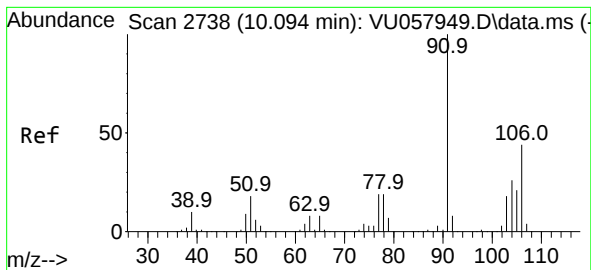
Tgt Ion: 91 Resp: 18361
Ion Ratio Lower Upper
91 100
106 29.7 21.1 39.1



#53
m,p-Xylene
Concen: 1.730 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU057952.D
Acq: 27 Feb 2024 13:32

Tgt Ion: 106 Resp: 6723
Ion Ratio Lower Upper
106 100
91 189.9 150.2 279.0





#54

o-Xylene

Concen: 1.545 ug/L

RT: 10.097 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU057952.D

Acq: 27 Feb 2024 13:32

Instrument :

MSVOA_U

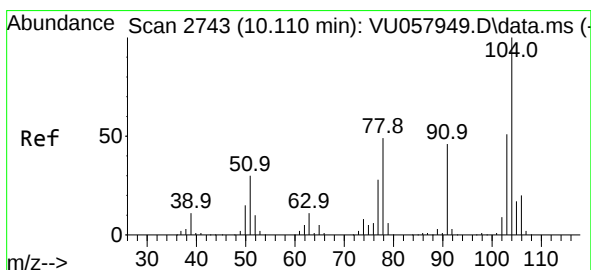
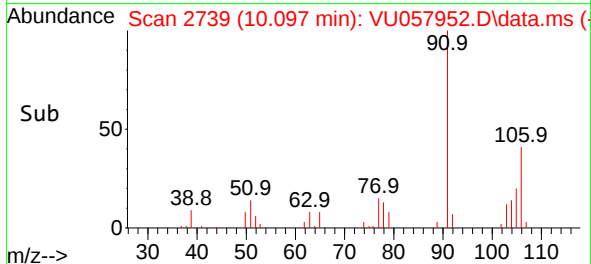
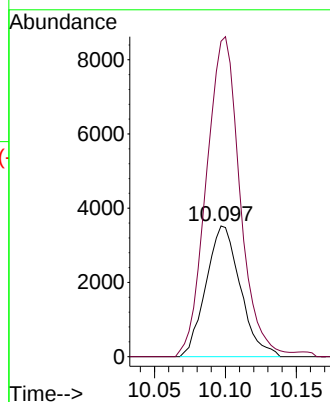
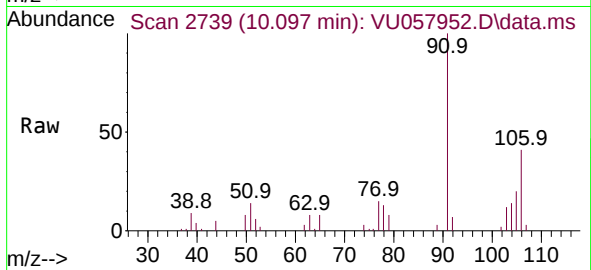
ClientSampleId :

Tgt Ion:106 Resp: 5933

Ion Ratio Lower Upper

106 100

91 224.2 161.3 299.5



#55

Styrene

Concen: 1.488 ug/L

RT: 10.116 min Scan# 2745

Delta R.T. 0.007 min

Lab File: VU057952.D

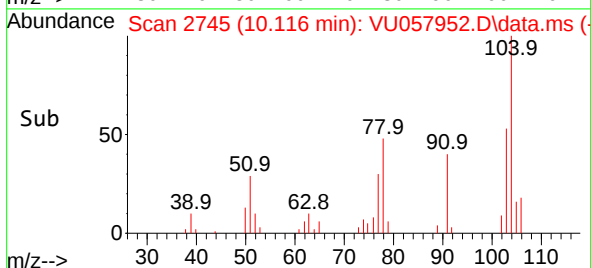
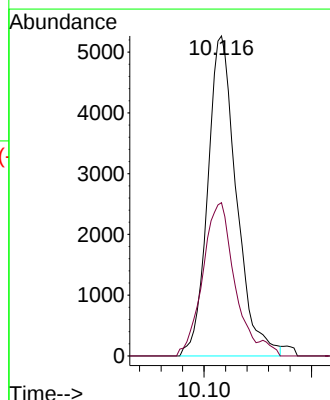
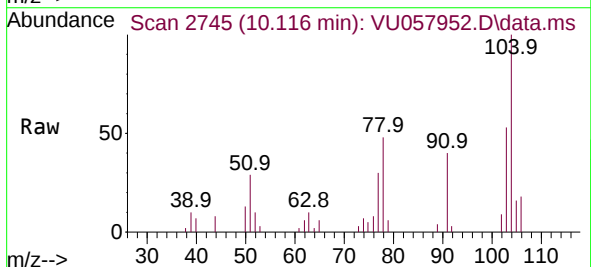
Acq: 27 Feb 2024 13:32

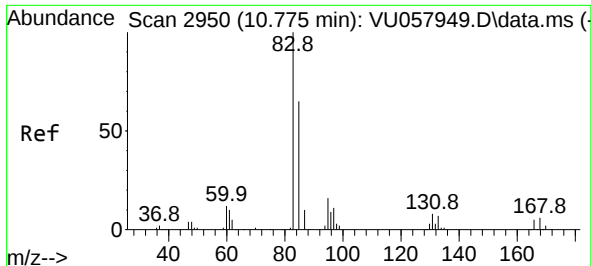
Tgt Ion:104 Resp: 9797

Ion Ratio Lower Upper

104 100

78 47.9 35.6 66.2





#57

1,1,2,2-Tetrachloroethane

Concen: 1.681 ug/L

RT: 10.778 min Scan# 2950

Delta R.T. 0.003 min

Lab File: VU057952.D

Acq: 27 Feb 2024 13:32

Instrument :

MSVOA_U

ClientSampleId :

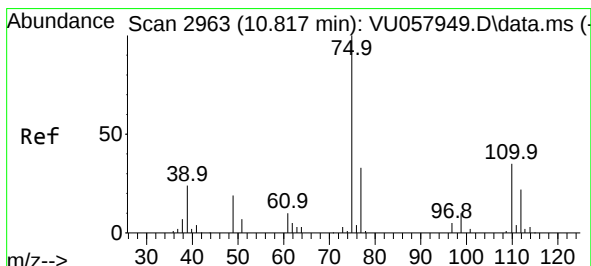
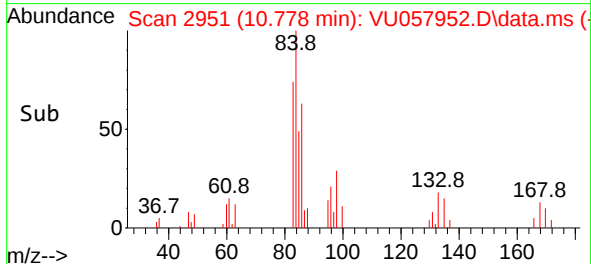
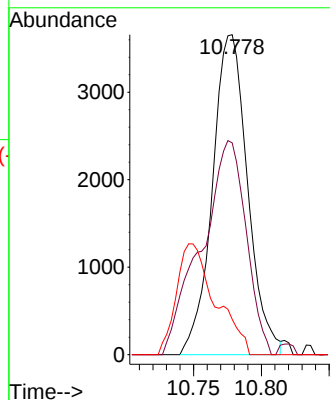
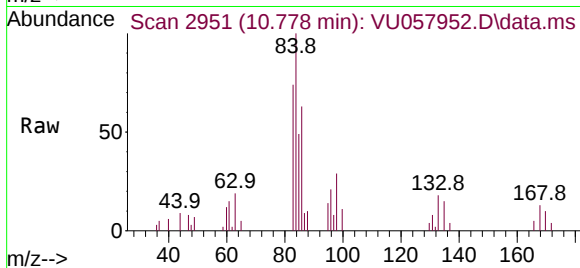
Tgt Ion: 83 Resp: 6610

Ion Ratio Lower Upper

83 100

85 66.2 45.2 84.0

131 11.0 7.8 11.6



#60

1,2,3-Trichloropropane

Concen: 1.679 ug/L

RT: 10.820 min Scan# 2964

Delta R.T. 0.003 min

Lab File: VU057952.D

Acq: 27 Feb 2024 13:32

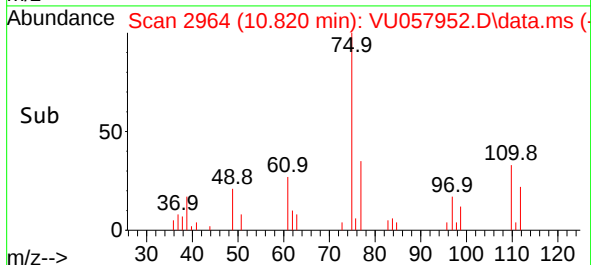
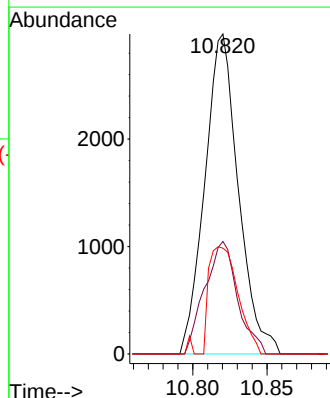
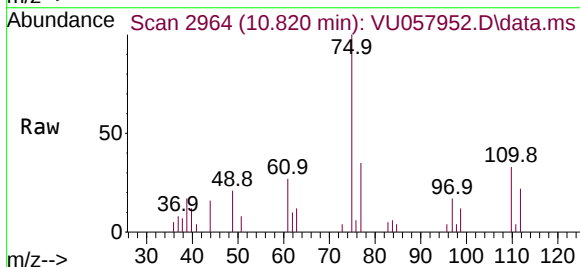
Tgt Ion: 75 Resp: 4681

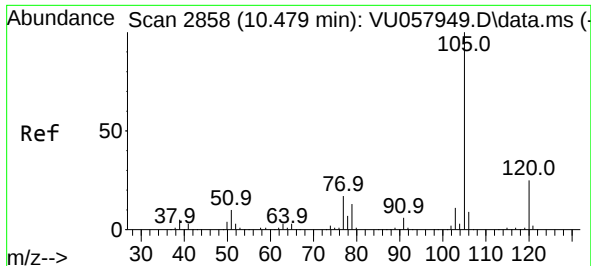
Ion Ratio Lower Upper

75 100

77 34.3 25.9 38.9

110 29.1 28.3 42.5

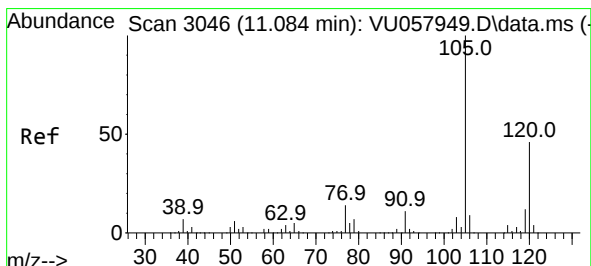
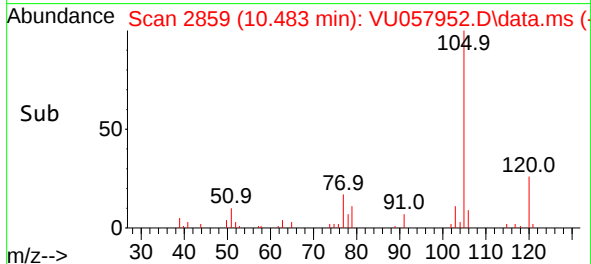
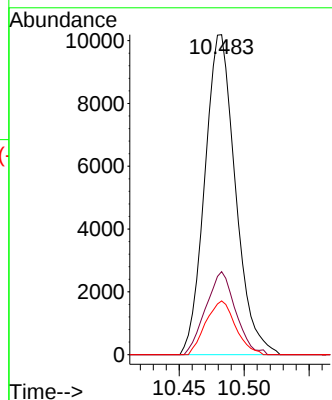
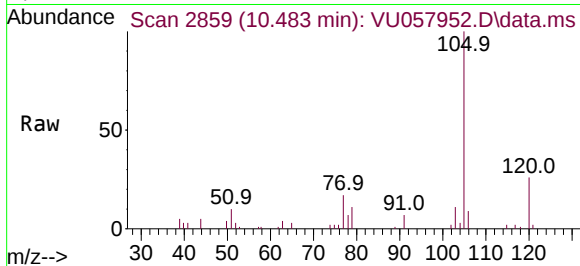




#61
Isopropylbenzene
Concen: 1.778 ug/L
RT: 10.483 min Scan# 2858
Delta R.T. 0.003 min
Lab File: VU057952.D
Acq: 27 Feb 2024 13:32

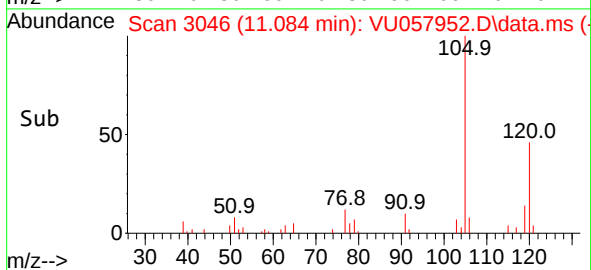
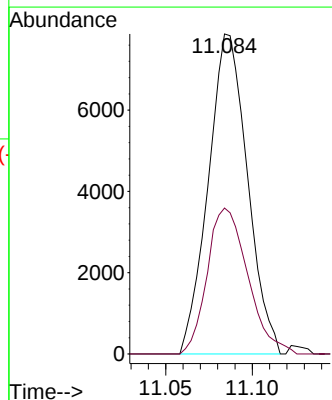
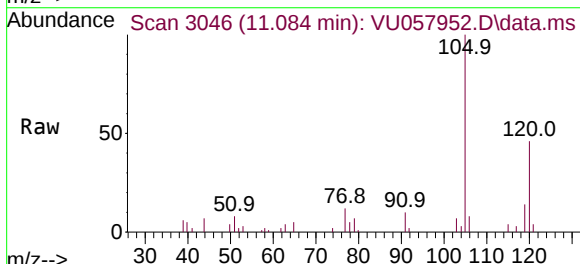
Instrument :
MSVOA_U
ClientSampleId :

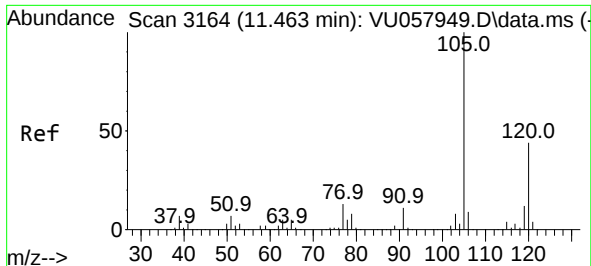
Tgt Ion:105 Resp: 16716
Ion Ratio Lower Upper
105 100
120 25.1 20.5 30.7
77 16.3 13.5 20.3



#62
1,3,5-Trimethylbenzene
Concen: 1.526 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU057952.D
Acq: 27 Feb 2024 13:32

Tgt Ion:105 Resp: 12363
Ion Ratio Lower Upper
105 100
120 47.3 37.0 55.6

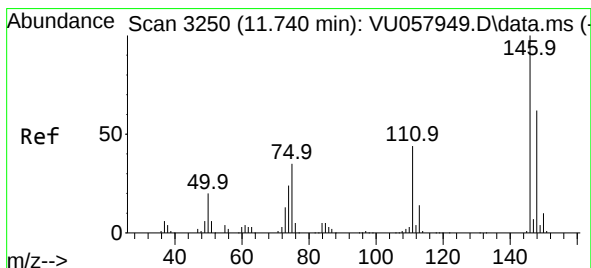
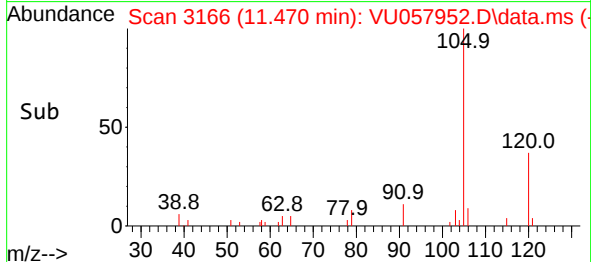
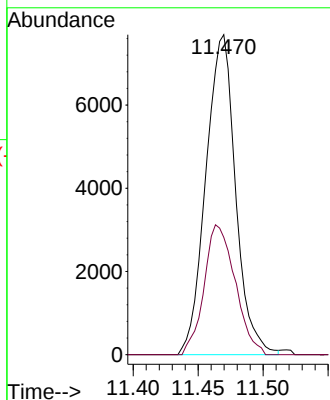
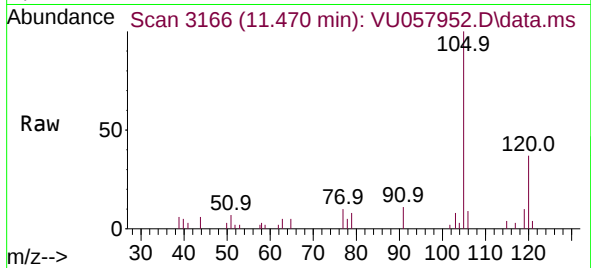




#63
1,2,4-Trimethylbenzene
Concen: 1.504 ug/L
RT: 11.470 min Scan# 3166
Delta R.T. 0.007 min
Lab File: VU057952.D
Acq: 27 Feb 2024 13:32

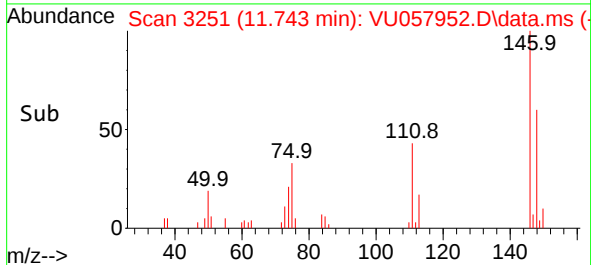
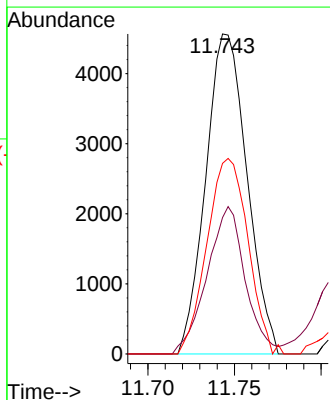
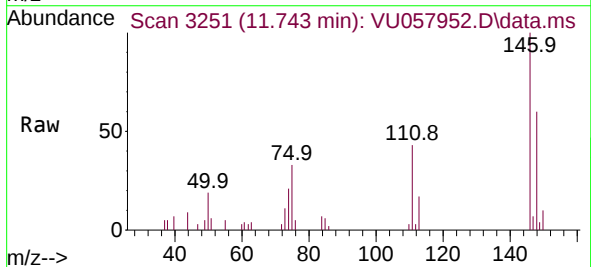
Instrument :
MSVOA_U
ClientSampleId :

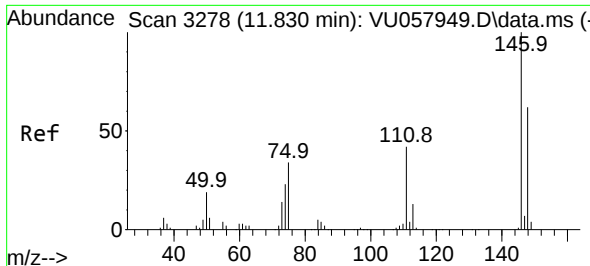
Tgt Ion:105 Resp: 12247
Ion Ratio Lower Upper
105 100
120 42.4 34.8 52.2



#64
1,3-Dichlorobenzene
Concen: 1.816 ug/L
RT: 11.743 min Scan# 3251
Delta R.T. 0.003 min
Lab File: VU057952.D
Acq: 27 Feb 2024 13:32

Tgt Ion:146 Resp: 7549
Ion Ratio Lower Upper
146 100
111 42.7 31.6 58.6
148 59.0 45.1 83.9

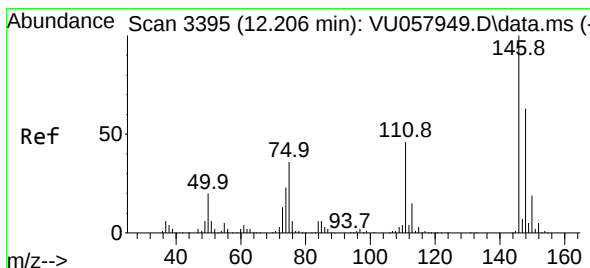
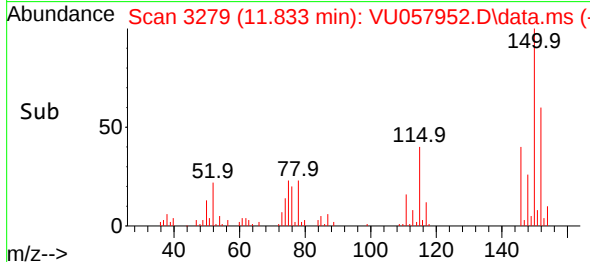
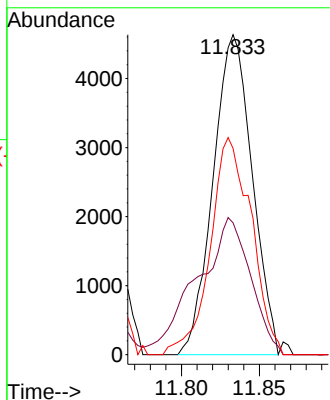
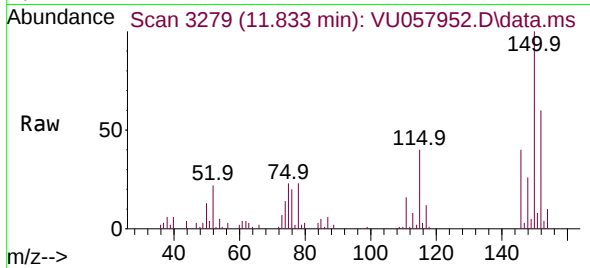




#65
1,4-Dichlorobenzene
Concen: 1.911 ug/L
RT: 11.833 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU057952.D
Acq: 27 Feb 2024 13:32

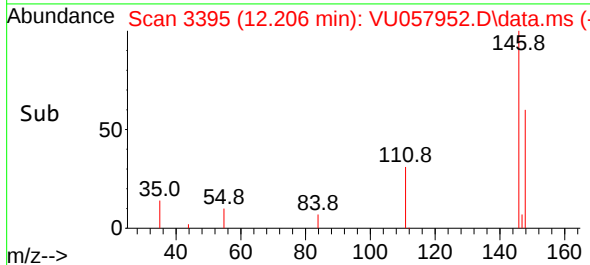
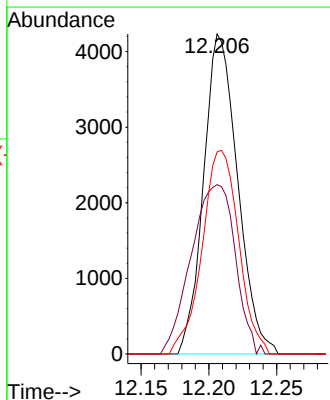
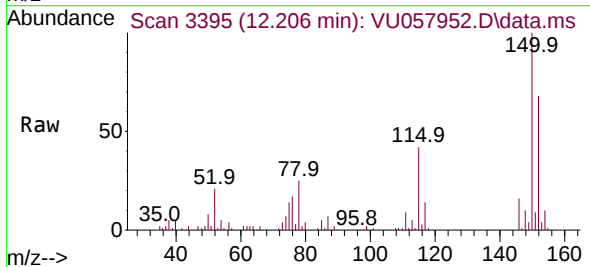
Instrument :
MSVOA_U
ClientSampleId :

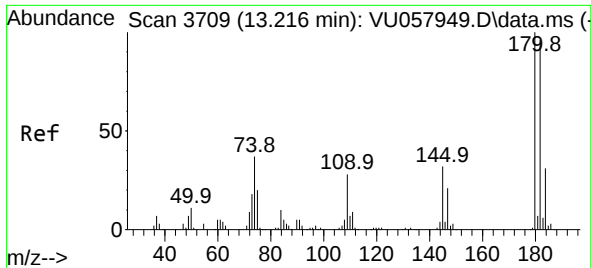
Tgt Ion:146	Resp:	8092
Ion Ratio	Lower	Upper
146	100	
111	38.0	29.9 55.5
148	59.4	44.7 82.9



#67
1,2-Dichlorobenzene
Concen: 1.806 ug/L
RT: 12.206 min Scan# 3395
Delta R.T. 0.000 min
Lab File: VU057952.D
Acq: 27 Feb 2024 13:32

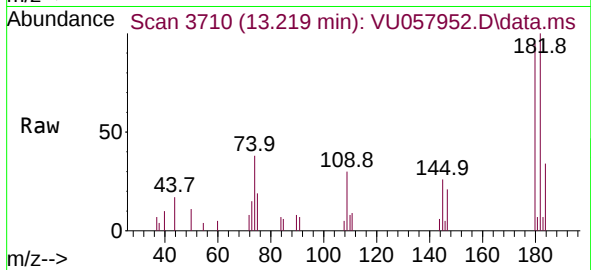
Tgt Ion:146	Resp:	7387
Ion Ratio	Lower	Upper
146	100	
111	54.6	37.3 55.9
148	59.3	51.3 76.9



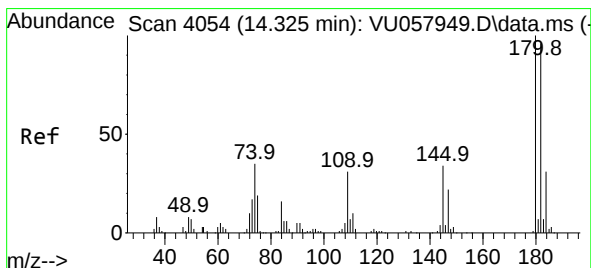
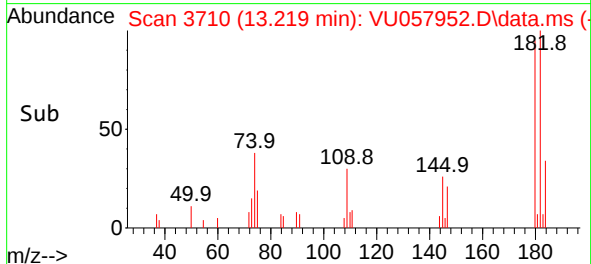
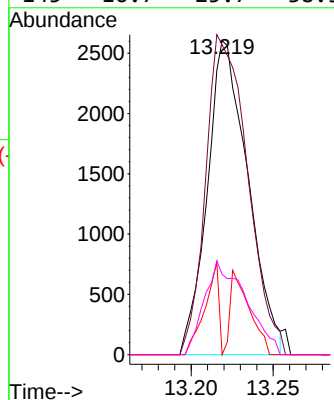


#69
 1,3,5-Trichlorobenzene
 Concen: 1.603 ug/L
 RT: 13.219 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU057952.D
 Acq: 27 Feb 2024 13:32

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:180 Resp: 4484
 Ion Ratio Lower Upper
 180 100
 182 104.7 77.6 116.4
 184 10.1 24.1 36.1#
 145 16.7 25.7 38.5#



#72
 1,2,3-Trichlorobenzene
 Concen: 1.803 ug/L
 RT: 14.331 min Scan# 4056
 Delta R.T. 0.007 min
 Lab File: VU057952.D
 Acq: 27 Feb 2024 13:32

Tgt Ion:180 Resp: 3729
 Ion Ratio Lower Upper
 180 100
 182 86.2 75.4 113.2
 145 28.4 27.8 41.8

