

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012624\
 Data File : VU057679.D
 Acq On : 26 Jan 2024 09:10
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 29 00:22:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 25 04:41:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	64305	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	58743	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	26300	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	12250	3.458	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.200%
7) Chloroethane-d5	1.911	69	11593	3.905	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.200%
11) 1,1-Dichloroethene-d2	2.560	65	6299	3.781	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.600%
20) 2-Butanone-d5	4.627	46	34780	52.036	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.080%
24) Chloroform-d	5.058	84	32430	4.509	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.695	65	15355	4.699	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	5.721	84	60060	4.359	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
36) 1,2-Dichloropropane-d6	6.685	67	19261	4.634	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.600%
41) Toluene-d8	7.894	98	55515	4.244	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
43) trans-1,3-Dichloroprop...	8.174	79	6958	4.201	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.000%
46) 2-Hexanone-d5	8.631	63	28064	53.102	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.200%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	13507	4.848	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	17868	4.841	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	23005	4.222	ug/L	98
3) Chloromethane	1.518	50	23731	4.353	ug/L	99
5) Vinyl chloride	1.602	62	25420	4.380	ug/L	100
6) Bromomethane	1.856	94	12281	4.059	ug/L	97
8) Chloroethane	1.933	64	15680	4.512	ug/L	91
9) Trichlorofluoromethane	2.136	101	39388	4.557	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	21677	4.314	ug/L	97
12) 1,1-Dichloroethene	2.576	96	19680	4.211	ug/L	96
13) Acetone	2.644	43	26080	41.063	ug/L	99
14) Carbon disulfide	2.788	76	63419	4.186	ug/L	99
15) Methyl Acetate	2.952	43	7231	4.425	ug/L	93
16) Methylene chloride	3.039	84	22389	4.463	ug/L	98
17) Methyl tert-butyl Ether	3.357	73	49200	4.427	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	21233	4.314	ug/L	98
19) 1,1-Dichloroethane	3.862	63	40807	4.489	ug/L	96
21) 2-Butanone	4.708	43	42029	42.188	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	23930	4.522	ug/L	95
23) Bromochloromethane	4.968	128	9198	4.327	ug/L	91
25) Chloroform	5.081	83	43383	4.498	ug/L	97

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Quant Time: Jan 29 00:22:15 2024
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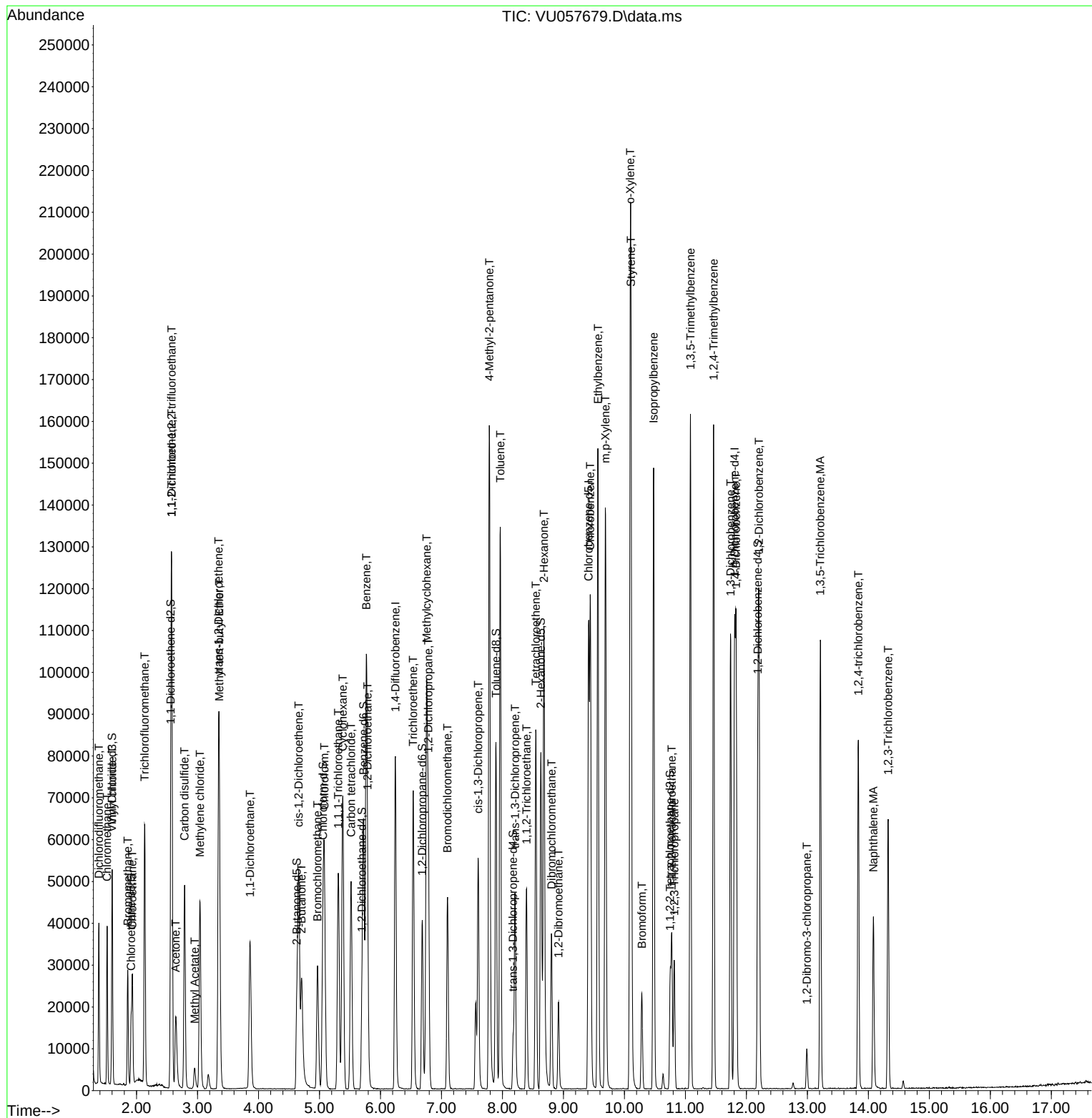
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	25914	4.612	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	38432	4.457	ug/L	99
30) Cyclohexane	5.383	56	36587	4.398	ug/L	98
31) Carbon tetrachloride	5.518	117	33658	4.425	ug/L	99
33) Benzene	5.769	78	91474	4.540	ug/L	100
34) Trichloroethene	6.537	95	24122	4.343	ug/L	97
35) Methylcyclohexane	6.756	83	38217	4.259	ug/L	100
37) 1,2-Dichloropropane	6.785	63	22793	4.522	ug/L #	97
38) Bromodichloromethane	7.100	83	30122	4.441	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	32690	4.173	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	104808	43.574	ug/L	99
42) Toluene	7.965	91	97122	4.471	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	26511	4.164	ug/L	97
45) 1,1,2-Trichloroethane	8.396	97	14730	4.493	ug/L	99
47) Tetrachloroethene	8.547	164	17685	4.333	ug/L	100
48) 2-Hexanone	8.682	43	73755	43.699	ug/L	99
49) Dibromochloromethane	8.804	129	18409	4.336	ug/L	98
50) 1,2-Dibromoethane	8.920	107	14091	4.428	ug/L	99
51) Chlorobenzene	9.441	112	60139	4.413	ug/L	99
52) Ethylbenzene	9.566	91	108294	4.424	ug/L	98
53) m,p-Xylene	9.688	106	39339	4.355	ug/L	97
54) o-Xylene	10.097	106	38763	4.402	ug/L	97
55) Styrene	10.110	104	59796	4.439	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	17500	4.399	ug/L	99
59) Bromoform	10.286	173	10060	4.709	ug/L	97
60) Isopropylbenzene	10.479	105	95805	4.649	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	12358	4.682	ug/L	100
62) 1,3,5-Trimethylbenzene	11.084	105	85059	4.632	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	85601	4.658	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	42925	4.563	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	41136	4.569	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	39024	4.649	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.990	75	2684	5.401	ug/L	97
69) 1,3,5-Trichlorobenzene	13.212	180	31610	4.578	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	23867	4.719	ug/L	98
71) Naphthalene	14.084	128	34381	4.802	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	18627	4.732	ug/L	98

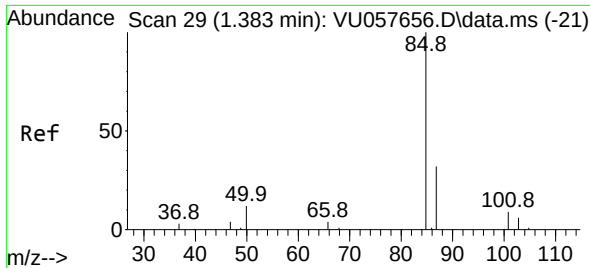
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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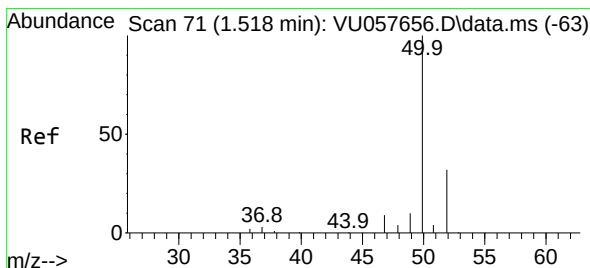
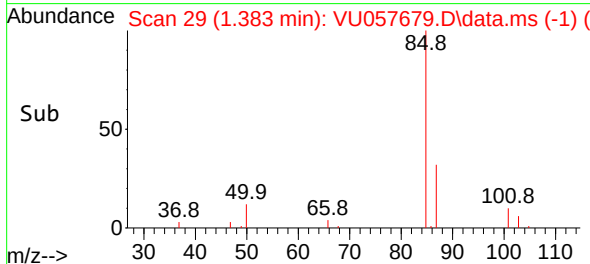
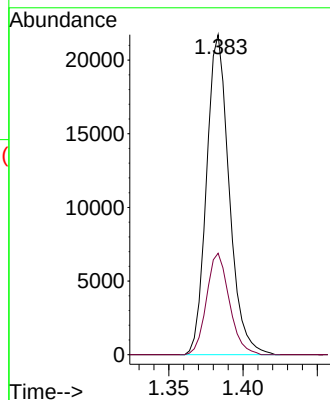
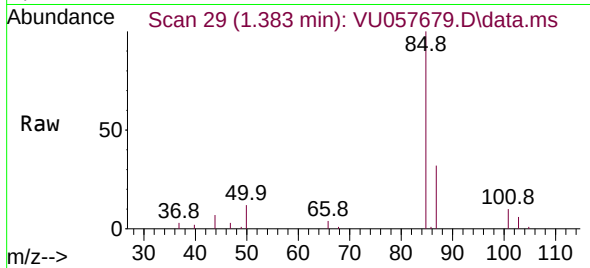




#2
Dichlorodifluoromethane
Concen: 4.222 ug/L
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU057679.D
Acq: 26 Jan 2024 09:10

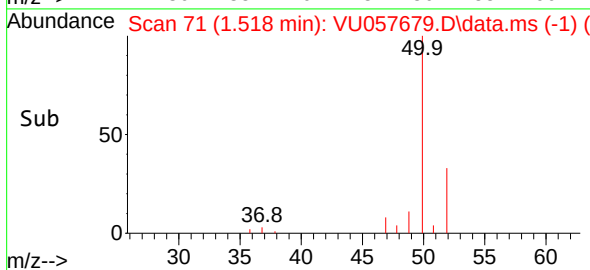
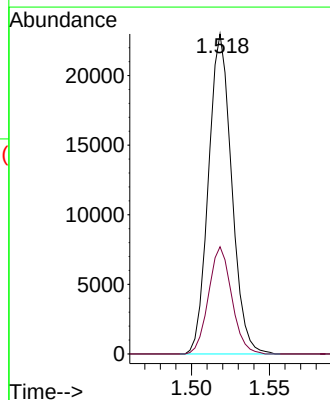
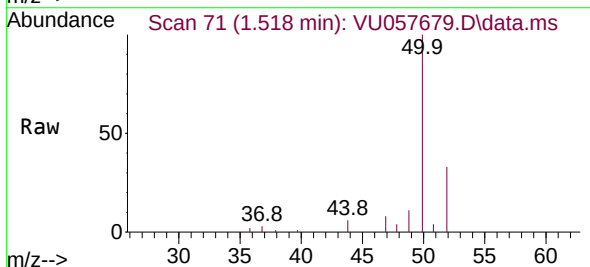
Instrument :
MSVOA_U
ClientSampleId :

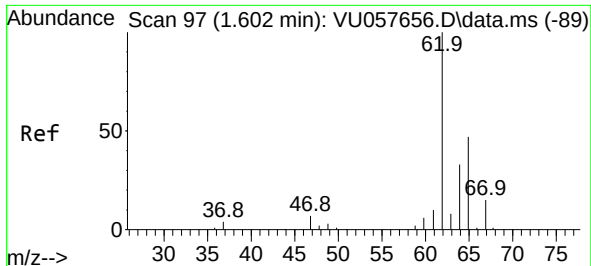
Tgt Ion: 85 Resp: 23005
Ion Ratio Lower Upper
85 100
87 31.9 26.4 39.6



#3
Chloromethane
Concen: 4.353 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU057679.D
Acq: 26 Jan 2024 09:10

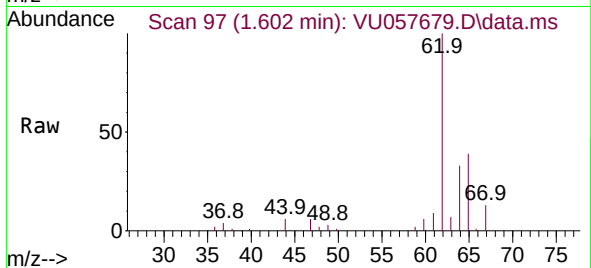
Tgt Ion: 50 Resp: 23731
Ion Ratio Lower Upper
50 100
52 33.5 23.7 43.9



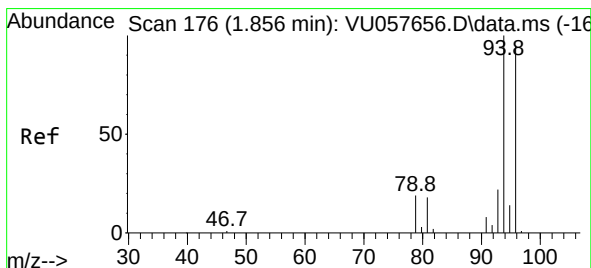
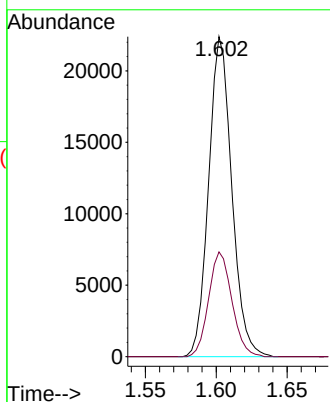
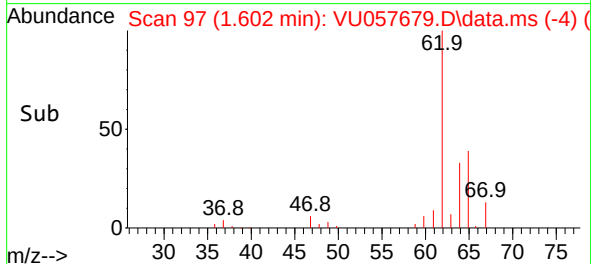


#5
Vinyl chloride
Concen: 4.380 ug/L
RT: 1.602 min Scan# 97
Delta R.T. -0.000 min
Lab File: VU057679.D
Acq: 26 Jan 2024 09:10

Instrument :
MSVOA_U
ClientSampleId :

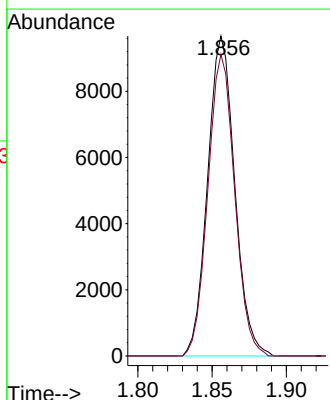
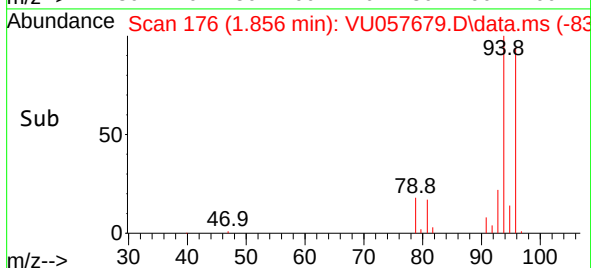
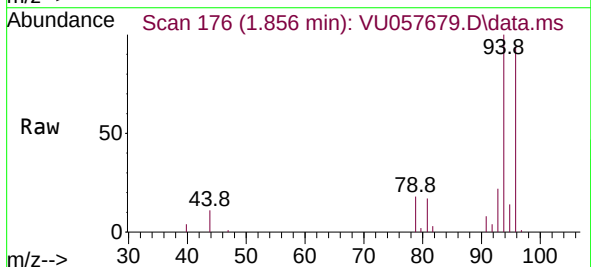


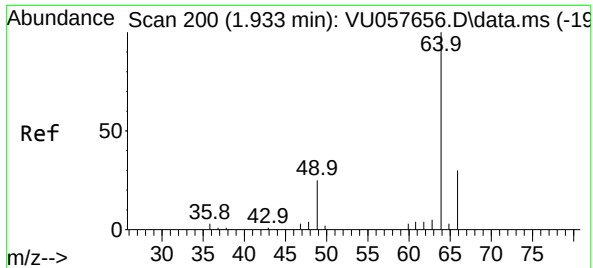
Tgt Ion: 62 Resp: 25420
Ion Ratio Lower Upper
62 100
64 32.7 22.8 42.4



#6
Bromomethane
Concen: 4.059 ug/L
RT: 1.856 min Scan# 176
Delta R.T. -0.000 min
Lab File: VU057679.D
Acq: 26 Jan 2024 09:10

Tgt Ion: 94 Resp: 12281
Ion Ratio Lower Upper
94 100
96 94.3 68.0 126.4

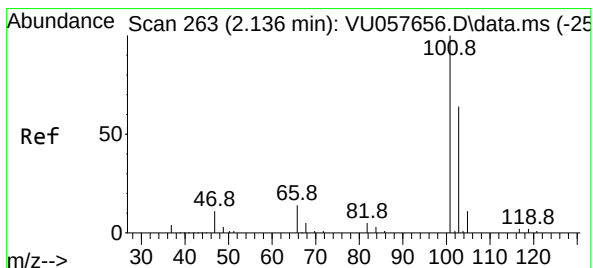
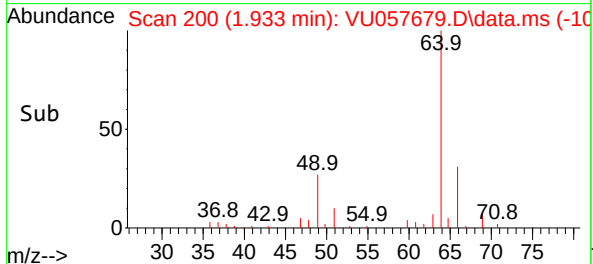
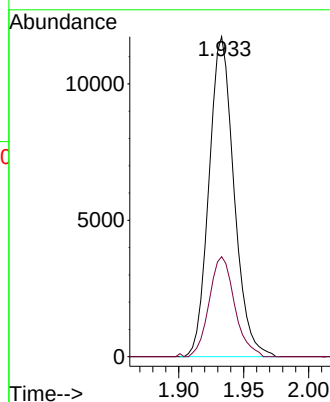
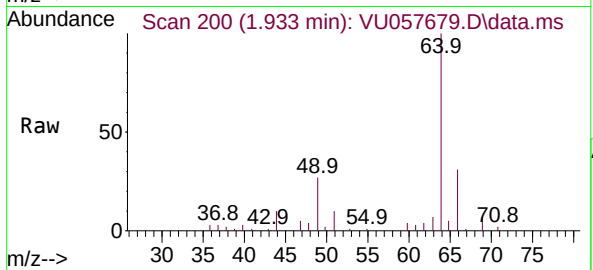




#8
Chloroethane
Concen: 4.512 ug/L
RT: 1.933 min Scan# 200
Delta R.T. -0.000 min
Lab File: VU057679.D
Acq: 26 Jan 2024 09:10

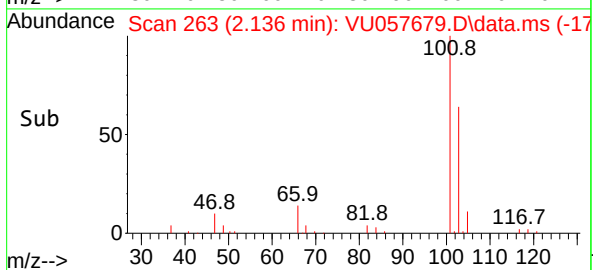
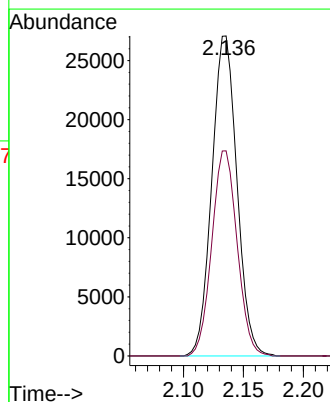
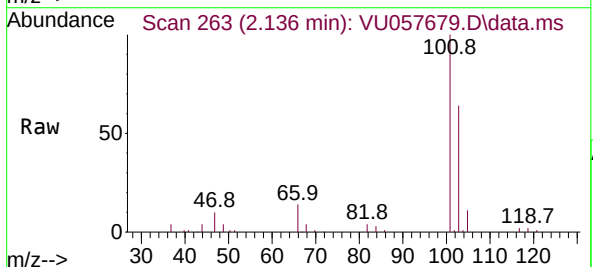
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MSVOA_U
ClientSampleId :

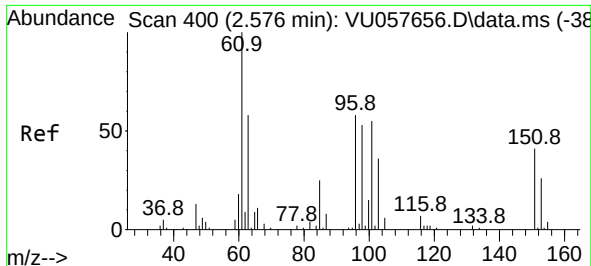
Tgt Ion: 64 Resp: 15680
Ion Ratio Lower Upper
64 100
66 29.9 24.5 45.5



#9
Trichlorofluoromethane
Concen: 4.557 ug/L
RT: 2.136 min Scan# 263
Delta R.T. -0.000 min
Lab File: VU057679.D
Acq: 26 Jan 2024 09:10

Tgt Ion:101 Resp: 39388
Ion Ratio Lower Upper
101 100
103 64.6 52.2 78.2

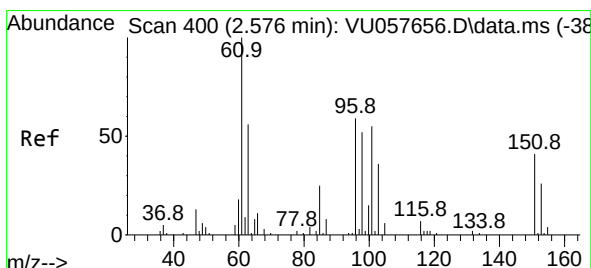
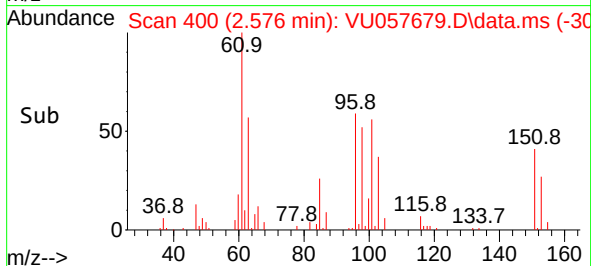
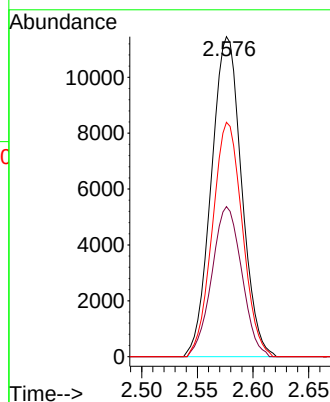
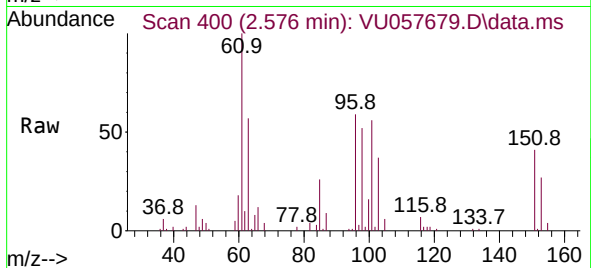




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.314 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU057679.D
 Acq: 26 Jan 2024 09:10

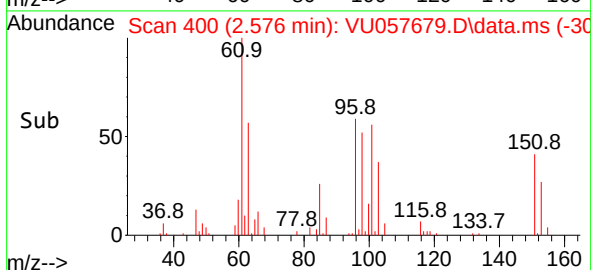
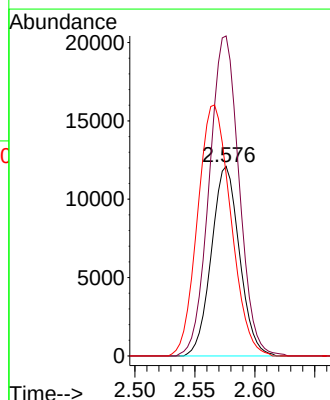
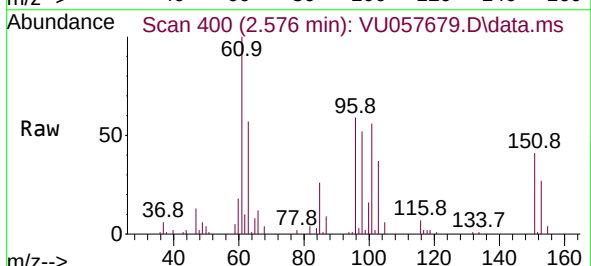
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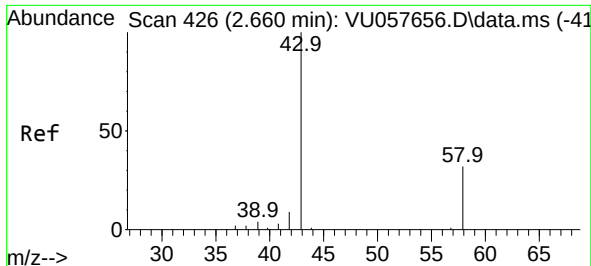
Tgt Ion:101 Resp: 21677
 Ion Ratio Lower Upper
 101 100
 85 46.3 35.8 53.8
 151 72.4 60.0 90.0



#12
 1,1-Dichloroethene
 Concen: 4.211 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU057679.D
 Acq: 26 Jan 2024 09:10

Tgt Ion: 96 Resp: 19680
 Ion Ratio Lower Upper
 96 100
 61 168.8 120.7 224.1
 63 96.0 72.5 134.7





#13

Acetone

Concen: 41.063 ug/L

RT: 2.644 min Scan# 41

Delta R.T. -0.029 min

Lab File: VU057679.D

Acq: 26 Jan 2024 09:10

Instrument :

MSVOA_U

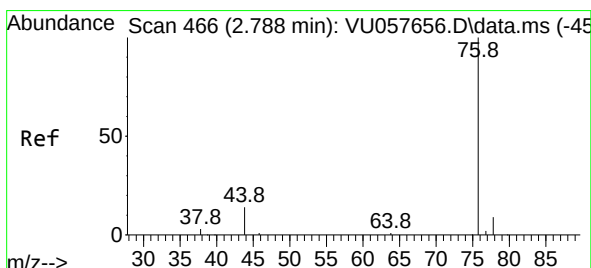
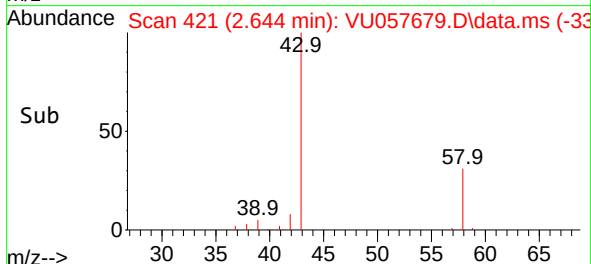
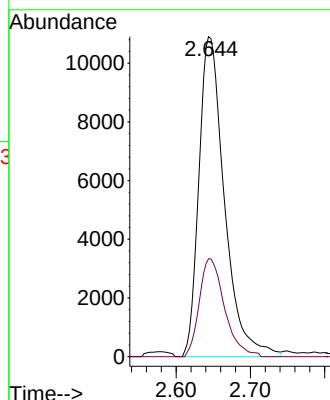
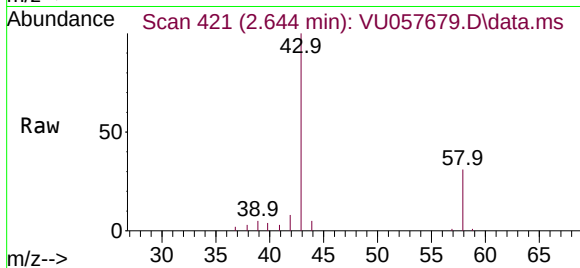
ClientSampleId :

Tgt Ion: 43 Resp: 26080

Ion Ratio Lower Upper

43 100

58 30.1 0.0 61.4



#14

Carbon disulfide

Concen: 4.186 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU057679.D

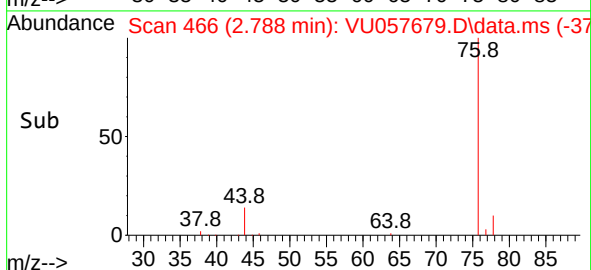
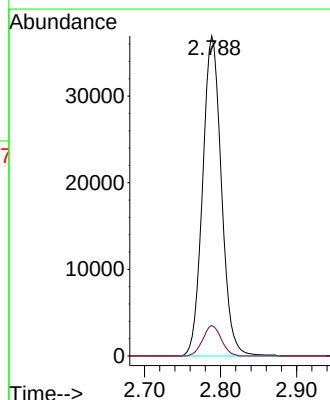
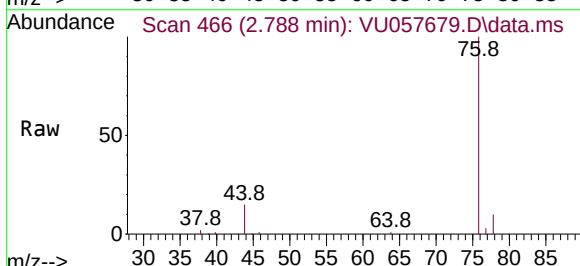
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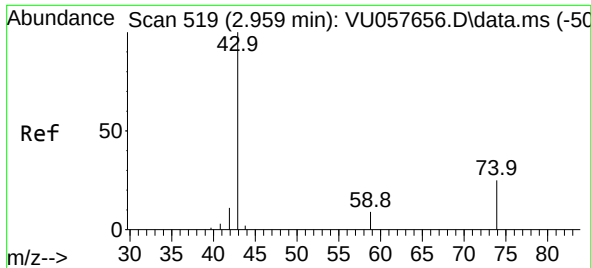
Tgt Ion: 76 Resp: 63419

Ion Ratio Lower Upper

76 100

78 9.5 7.3 10.9

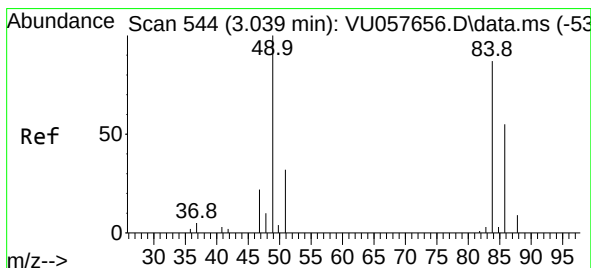
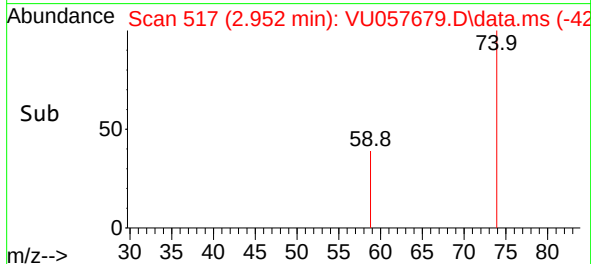
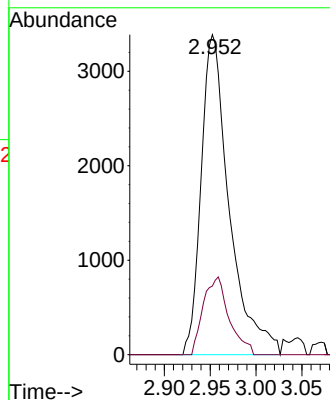
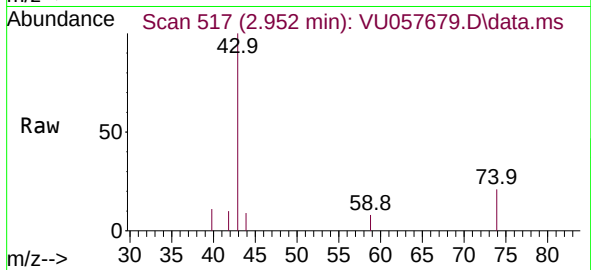




#15
Methyl Acetate
Concen: 4.425 ug/L
RT: 2.952 min Scan# 519
Delta R.T. -0.010 min
Lab File: VU057679.D
Acq: 26 Jan 2024 09:10

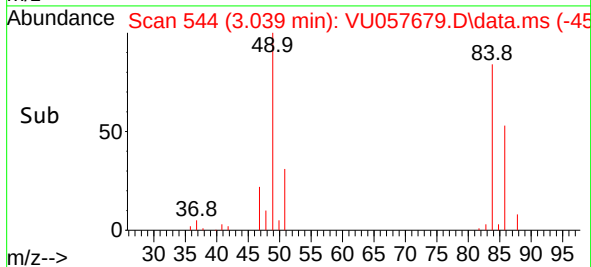
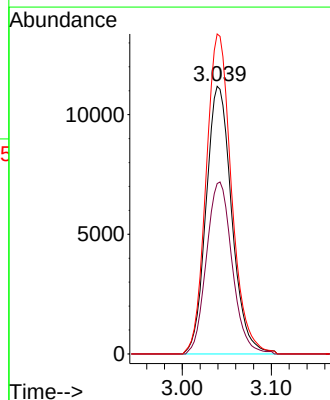
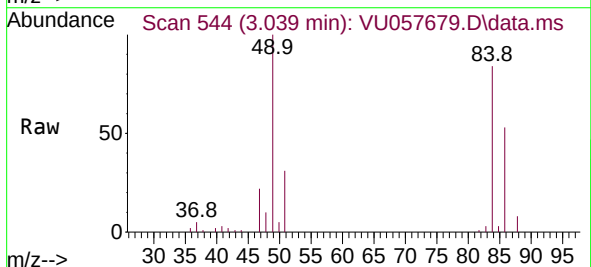
Instrument :
MSVOA_U
ClientSampleId :

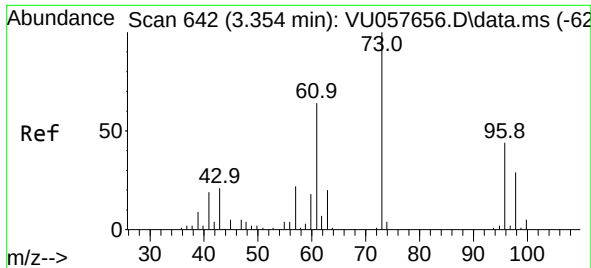
Tgt Ion: 43 Resp: 7231
Ion Ratio Lower Upper
43 100
74 22.2 20.7 31.1



#16
Methylene chloride
Concen: 4.463 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.003 min
Lab File: VU057679.D
Acq: 26 Jan 2024 09:10

Tgt Ion: 84 Resp: 22389
Ion Ratio Lower Upper
84 100
86 63.7 43.5 80.9
49 119.5 82.5 153.1

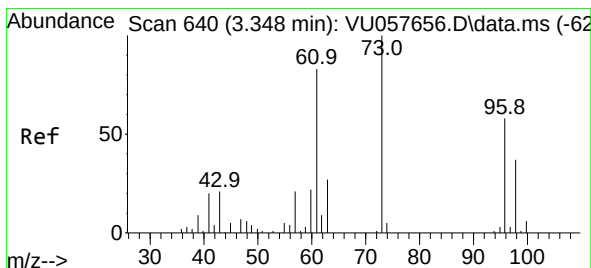
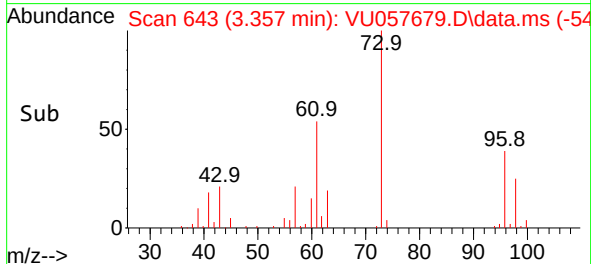
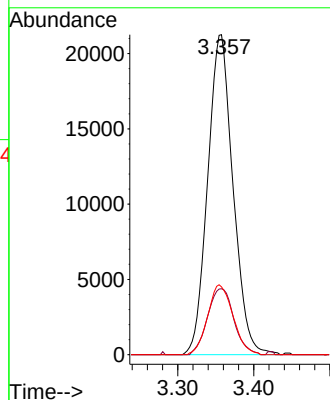
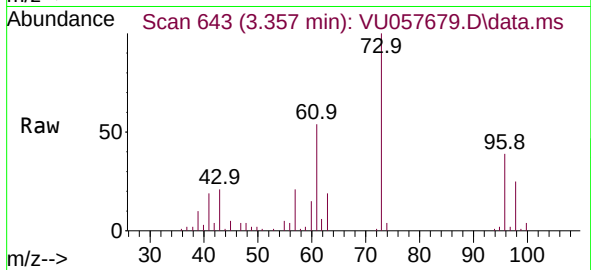




#17
Methyl tert-butyl Ether
Concen: 4.427 ug/L
RT: 3.357 min Scan# 64
Delta R.T. 0.003 min
Lab File: VU057679.D
Acq: 26 Jan 2024 09:10

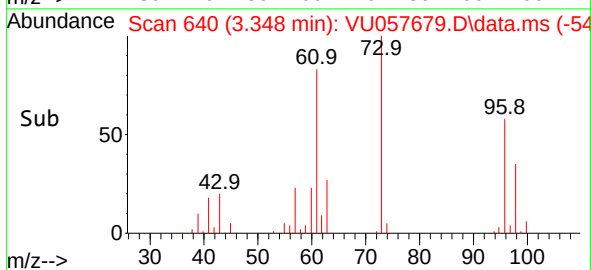
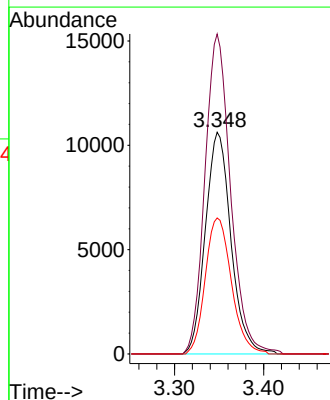
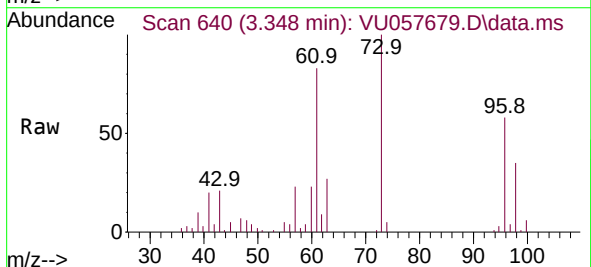
Instrument :
MSVOA_U
ClientSampleId :

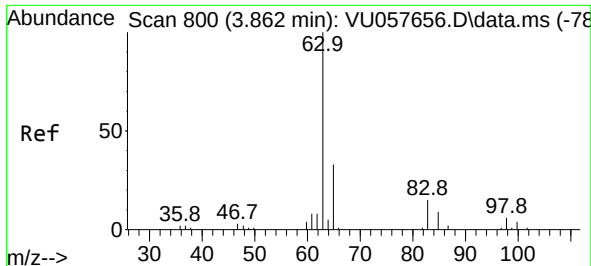
Tgt Ion: 73 Resp: 49200
Ion Ratio Lower Upper
73 100
43 21.5 17.3 25.9
57 21.9 17.7 26.5



#18
trans-1,2-Dichloroethene
Concen: 4.314 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU057679.D
Acq: 26 Jan 2024 09:10

Tgt Ion: 96 Resp: 21233
Ion Ratio Lower Upper
96 100
61 144.3 99.3 184.5
98 61.3 44.5 82.7





#19

1,1-Dichloroethane

Concen: 4.489 ug/L

RT: 3.862 min Scan# 80

Delta R.T. -0.000 min

Lab File: VU057679.D

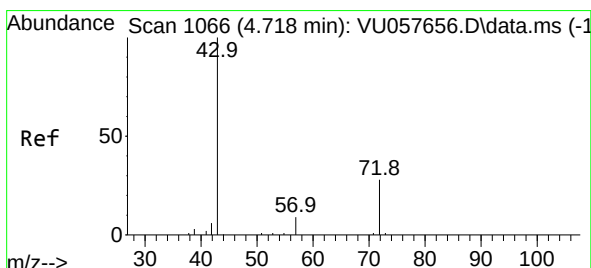
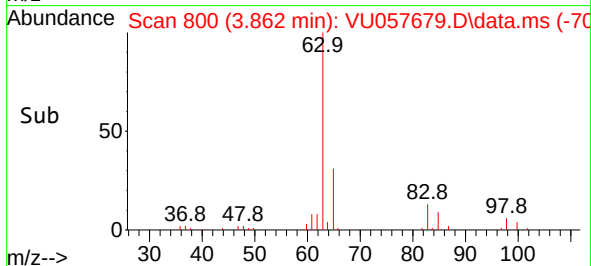
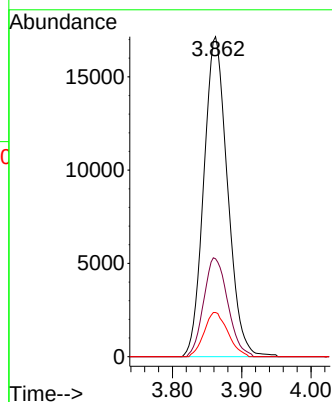
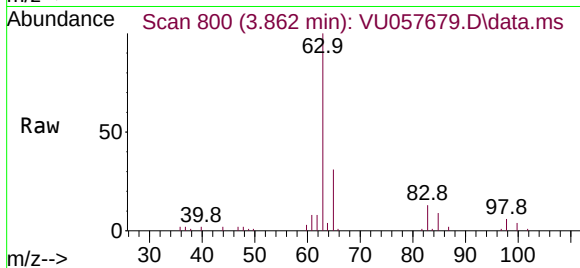
Acq: 26 Jan 2024 09:10

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	40807
Ion	Ratio	Lower	Upper
63	100		
65	30.1	23.0	42.8
83	13.3	9.7	17.9



#21

2-Butanone

Concen: 42.188 ug/L

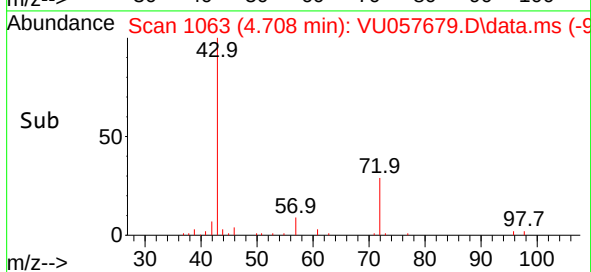
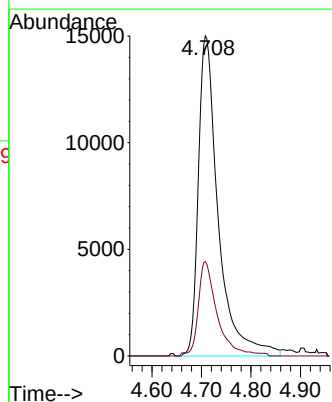
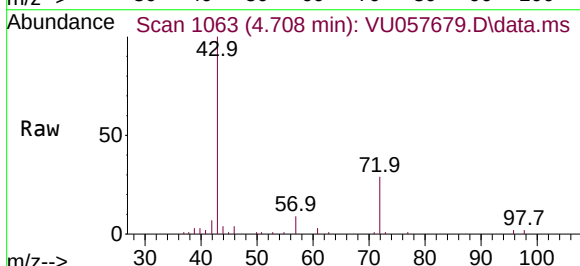
RT: 4.708 min Scan# 1063

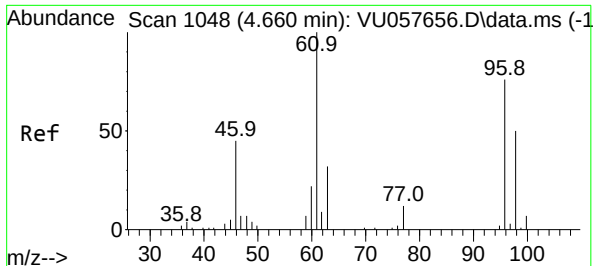
Delta R.T. -0.013 min

Lab File: VU057679.D

Acq: 26 Jan 2024 09:10

Tgt Ion:	43	Resp:	42029
Ion	Ratio	Lower	Upper
43	100		
72	27.9	14.7	44.1

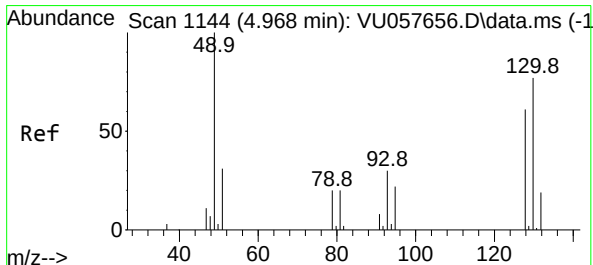
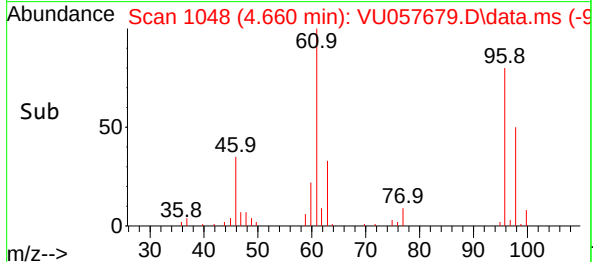
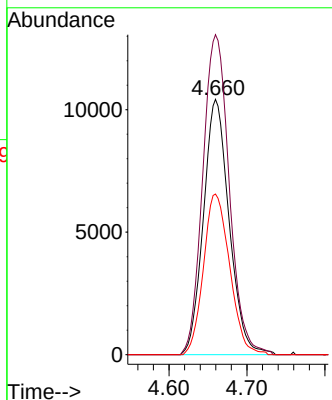
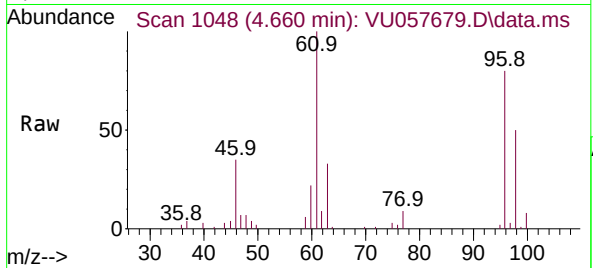




#22
 cis-1,2-Dichloroethene
 Concen: 4.522 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.000 min
 Lab File: VU057679.D
 Acq: 26 Jan 2024 09:10

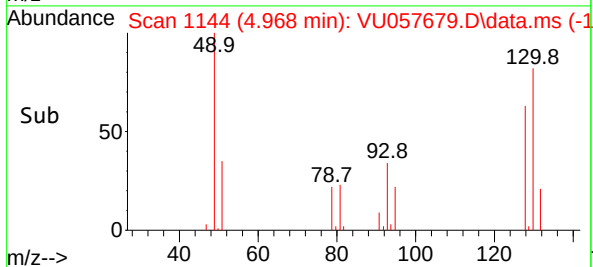
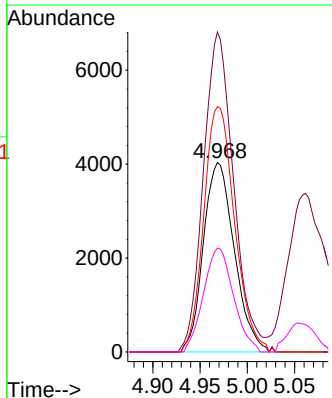
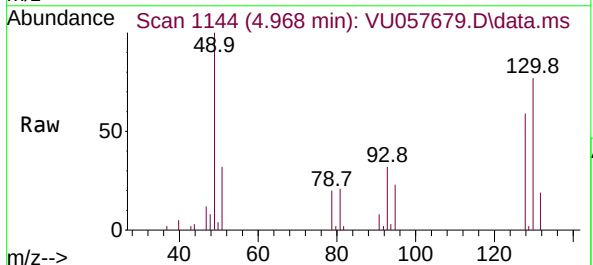
Instrument :
 MSVOA_U
 ClientSampleId :

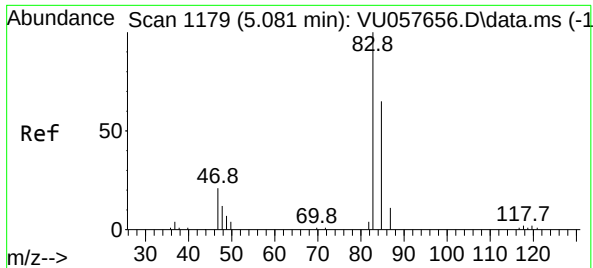
Tgt Ion: 96 Resp: 23930
 Ion Ratio Lower Upper
 96 100
 61 125.3 92.7 172.1
 98 62.9 44.9 83.5



#23
 Bromochloromethane
 Concen: 4.327 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. -0.000 min
 Lab File: VU057679.D
 Acq: 26 Jan 2024 09:10

Tgt Ion: 128 Resp: 9198
 Ion Ratio Lower Upper
 128 100
 49 175.2 111.5 207.1
 130 129.5 87.2 162.0
 51 54.8 37.7 56.5





#25

Chloroform

Concen: 4.498 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VU057679.D

Acq: 26 Jan 2024 09:10

Instrument :

MSVOA_U

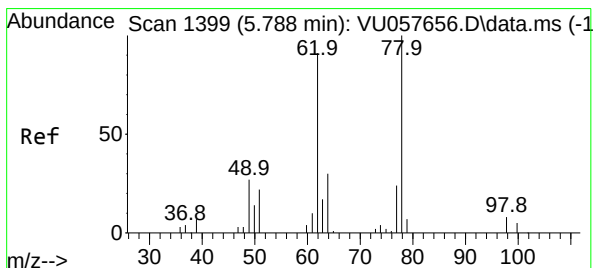
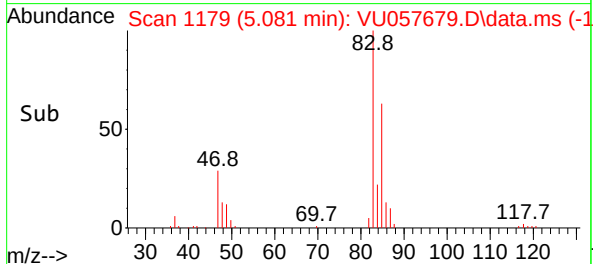
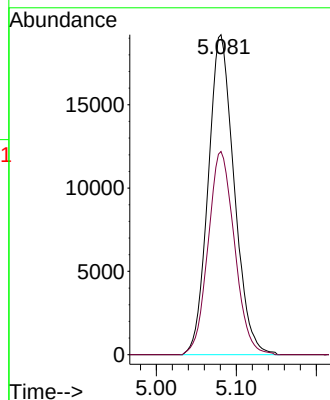
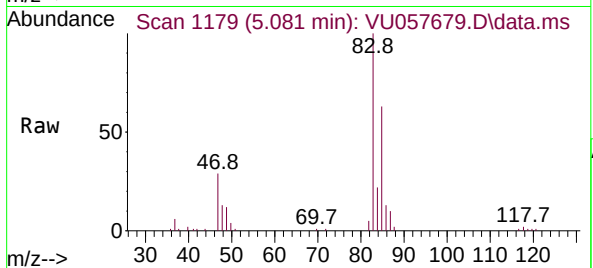
ClientSampleId :

Tgt Ion: 83 Resp: 43383

Ion Ratio Lower Upper

83 100

85 63.5 46.1 85.5



#27

1,2-Dichloroethane

Concen: 4.612 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. -0.000 min

Lab File: VU057679.D

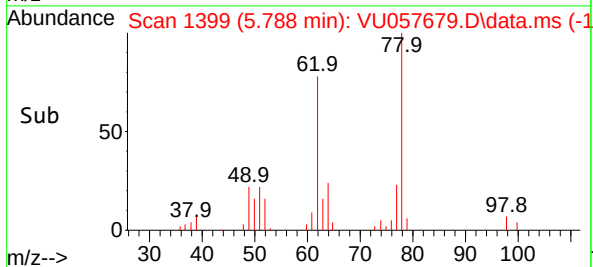
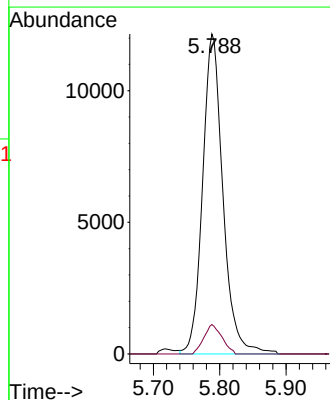
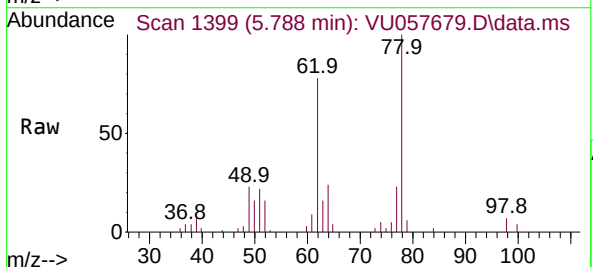
Acq: 26 Jan 2024 09:10

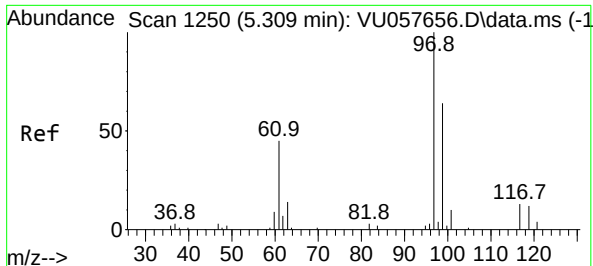
Tgt Ion: 62 Resp: 25914

Ion Ratio Lower Upper

62 100

98 9.2 6.9 10.3

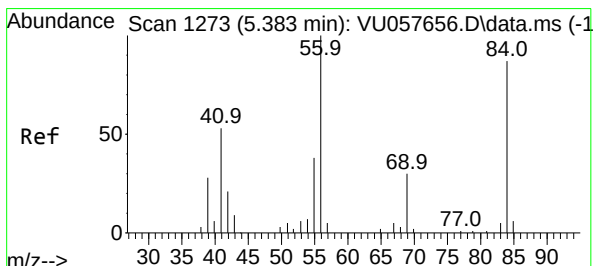
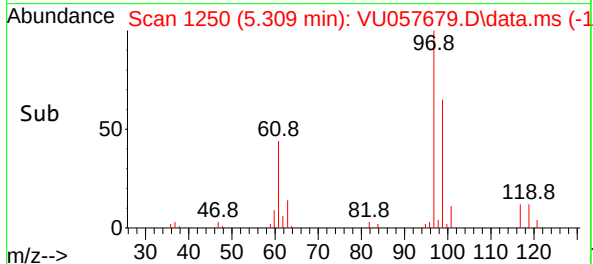
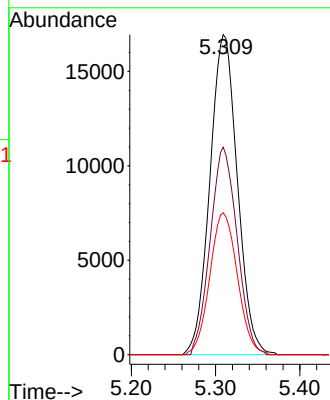
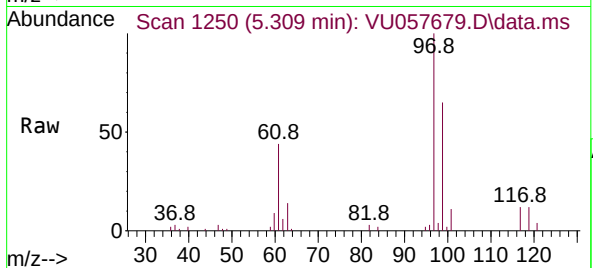




#29
1,1,1-Trichloroethane
Concen: 4.457 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. -0.000 min
Lab File: VU057679.D
Acq: 26 Jan 2024 09:10

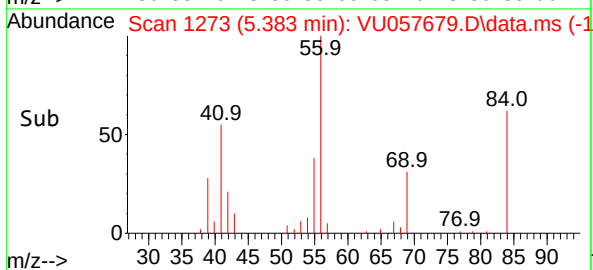
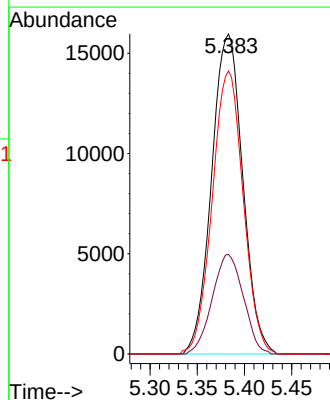
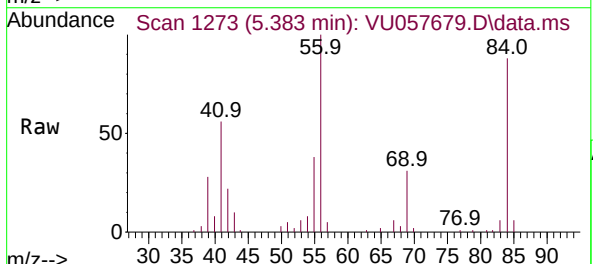
Instrument :
MSVOA_U
ClientSampleId :

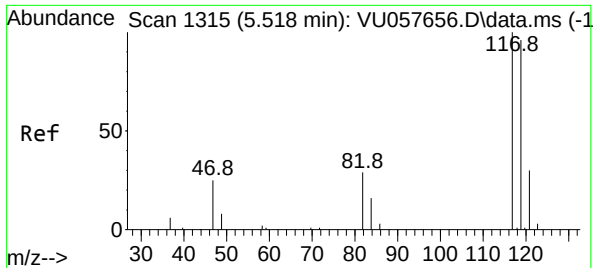
Tgt Ion:	97	Resp:	38432
Ion	Ratio	Lower	Upper
97	100		
99	63.4	52.0	78.0
61	44.5	35.3	52.9



#30
Cyclohexane
Concen: 4.398 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VU057679.D
Acq: 26 Jan 2024 09:10

Tgt Ion:	56	Resp:	36587
Ion	Ratio	Lower	Upper
56	100		
69	31.0	25.8	38.8
84	87.8	72.0	108.0

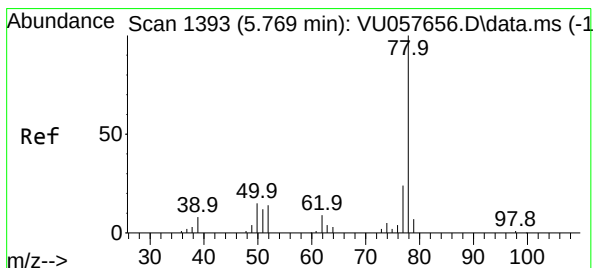
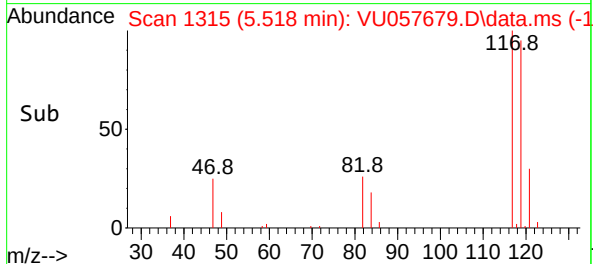
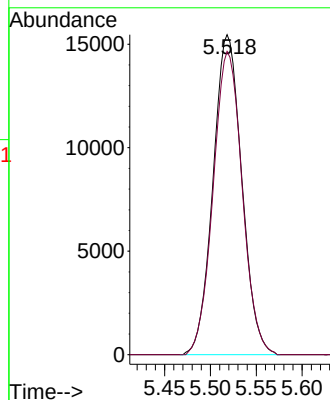
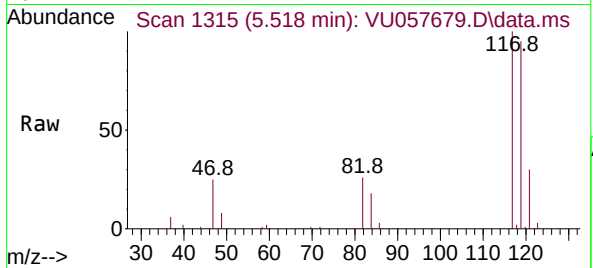




#31
Carbon tetrachloride
Concen: 4.425 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU057679.D
Acq: 26 Jan 2024 09:10

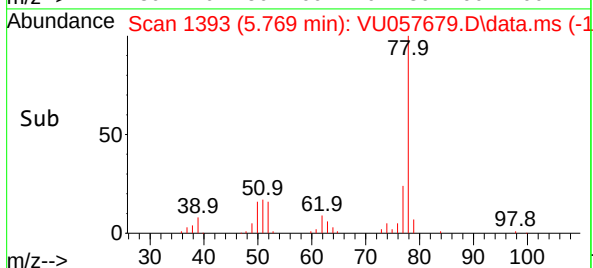
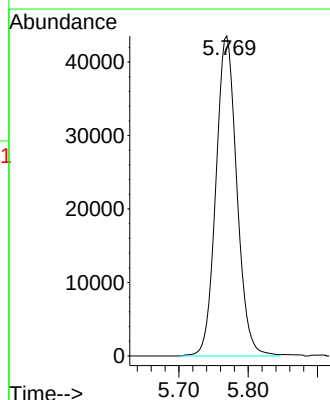
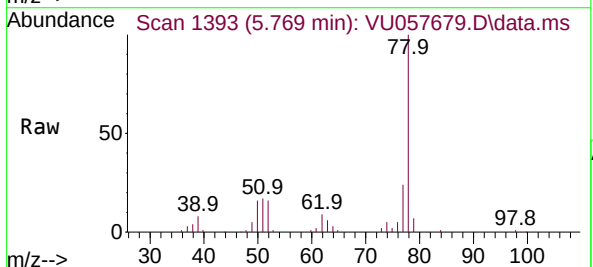
Instrument :
MSVOA_U
ClientSampleId :

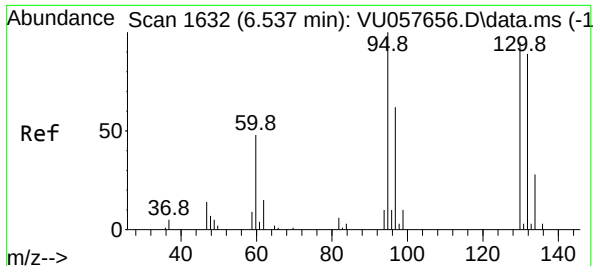
Tgt Ion:117 Resp: 33658
Ion Ratio Lower Upper
117 100
119 95.8 75.6 113.4



#33
Benzene
Concen: 4.540 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.000 min
Lab File: VU057679.D
Acq: 26 Jan 2024 09:10

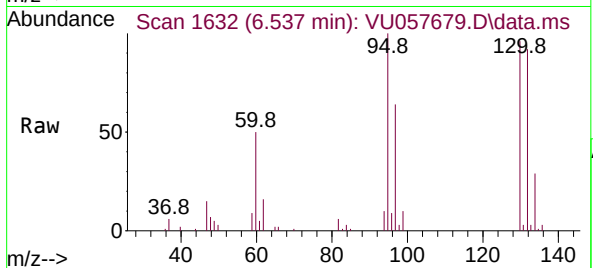
Tgt Ion: 78 Resp: 91474



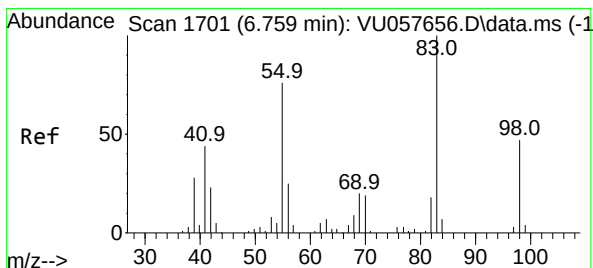
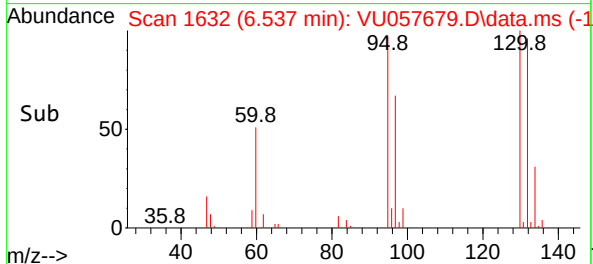
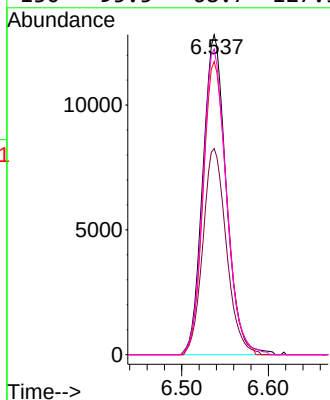


#34
Trichloroethene
Concen: 4.343 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU057679.D
Acq: 26 Jan 2024 09:10

Instrument :
MSVOA_U
ClientSampleId :

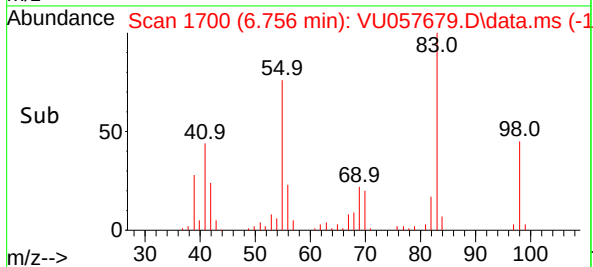
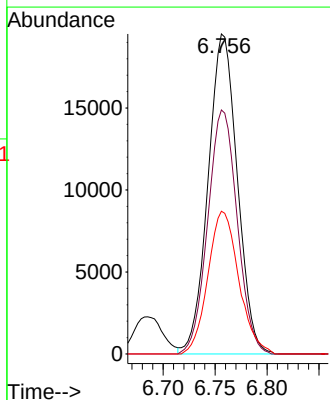
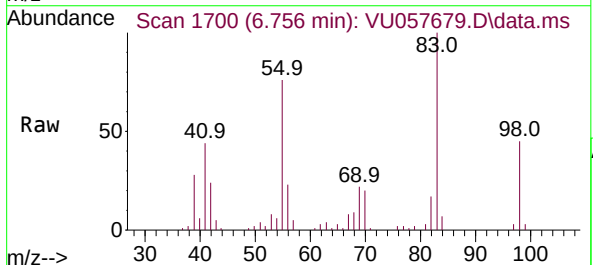


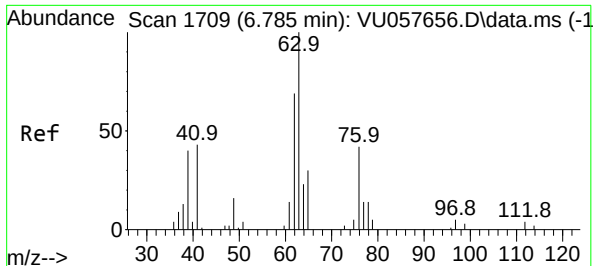
Tgt Ion: 95 Resp: 24122
Ion Ratio Lower Upper
95 100
97 64.4 46.1 85.5
132 91.6 66.1 122.8
130 95.5 68.7 127.5



#35
Methylcyclohexane
Concen: 4.259 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU057679.D
Acq: 26 Jan 2024 09:10

Tgt Ion: 83 Resp: 38217
Ion Ratio Lower Upper
83 100
55 76.8 61.4 92.0
98 47.0 38.2 57.4

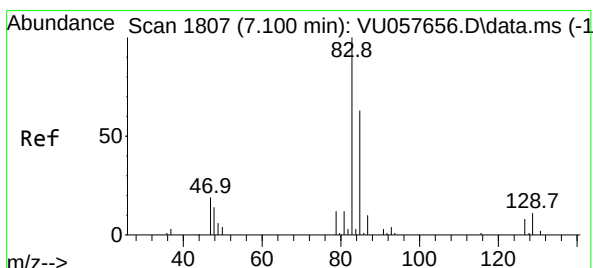
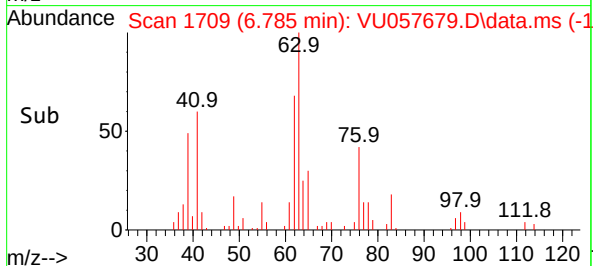
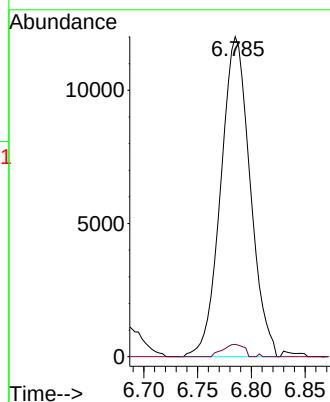
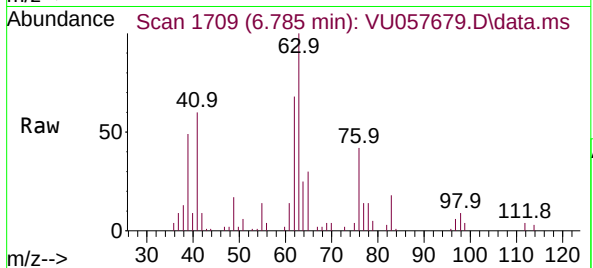




#37
1,2-Dichloropropane
Concen: 4.522 ug/L
RT: 6.785 min Scan# 1709
Delta R.T. 0.003 min
Lab File: VU057679.D
Acq: 26 Jan 2024 09:10

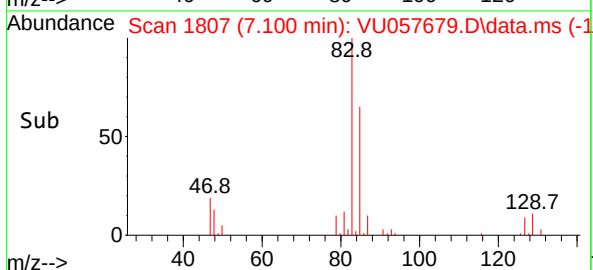
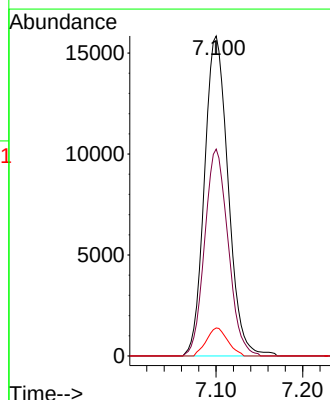
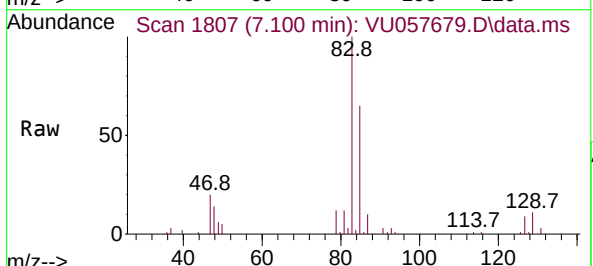
Instrument :
MSVOA_U
ClientSampleId :

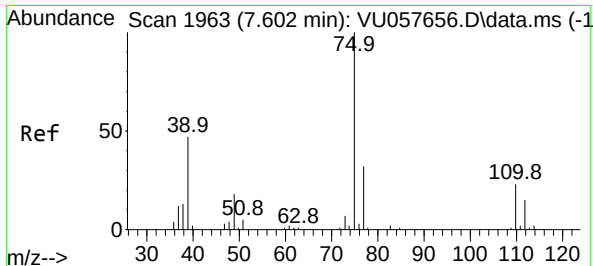
Tgt Ion: 63 Resp: 22793
Ion Ratio Lower Upper
63 100
112 2.8 3.0 4.4#



#38
Bromodichloromethane
Concen: 4.441 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VU057679.D
Acq: 26 Jan 2024 09:10

Tgt Ion: 83 Resp: 30122
Ion Ratio Lower Upper
83 100
85 64.7 44.7 83.1
127 8.8 6.4 9.6

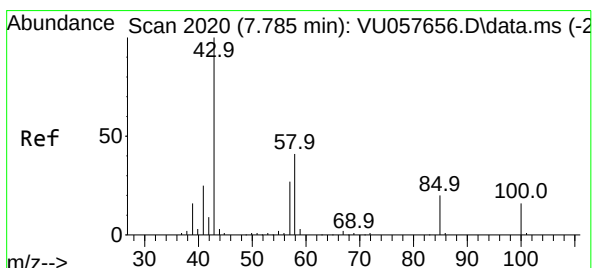
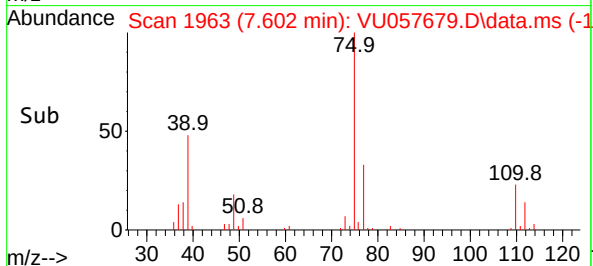
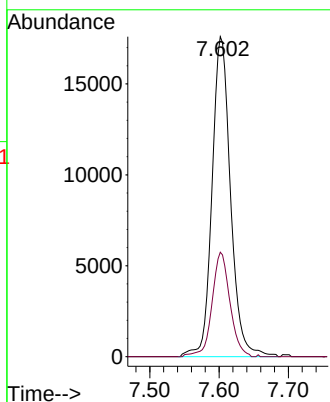
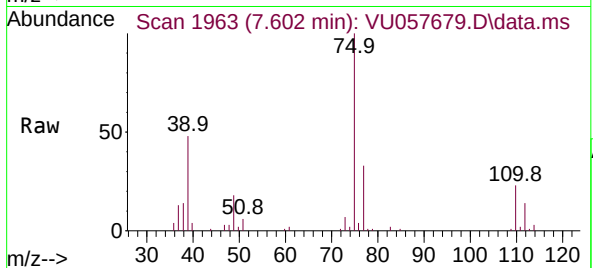




#39
 cis-1,3-Dichloropropene
 Concen: 4.173 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU057679.D
 Acq: 26 Jan 2024 09:10

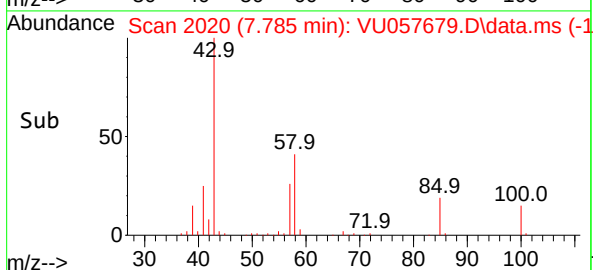
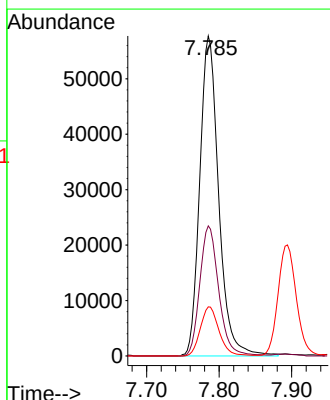
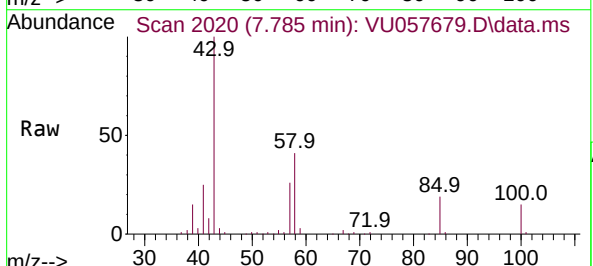
Instrument :
 MSVOA_U
 ClientSampleId :

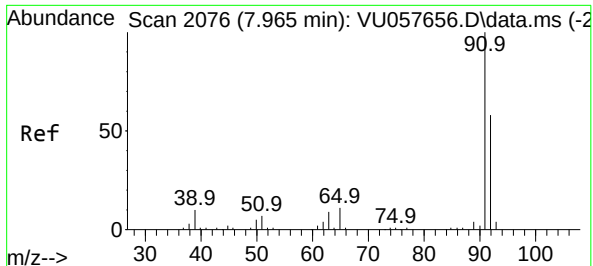
Tgt Ion: 75 Resp: 32690
 Ion Ratio Lower Upper
 75 100
 77 32.6 22.9 42.5



#40
 4-Methyl-2-pentanone
 Concen: 43.574 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. -0.000 min
 Lab File: VU057679.D
 Acq: 26 Jan 2024 09:10

Tgt Ion: 43 Resp: 104808
 Ion Ratio Lower Upper
 43 100
 58 40.7 32.3 48.5
 100 15.3 12.6 18.8

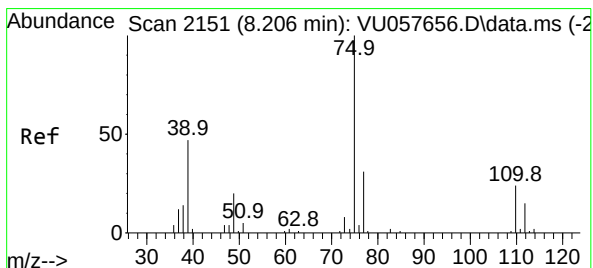
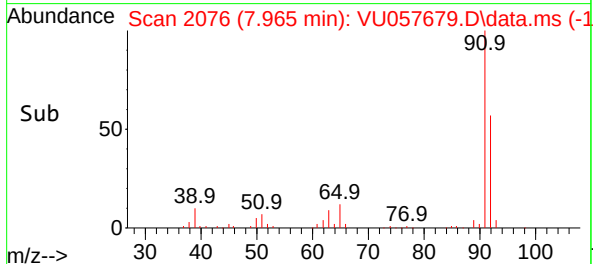
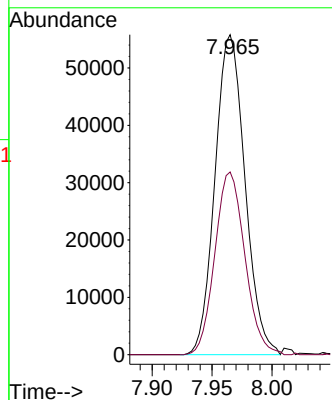
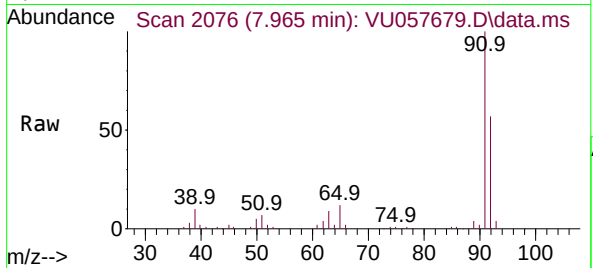




#42
Toluene
Concen: 4.471 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. -0.000 min
Lab File: VU057679.D
Acq: 26 Jan 2024 09:10

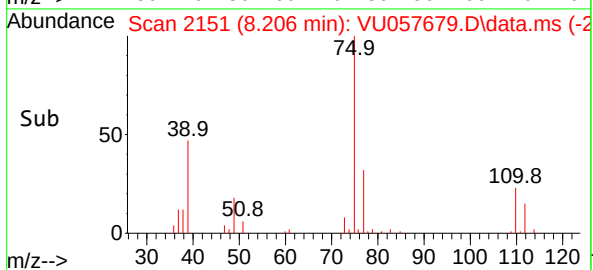
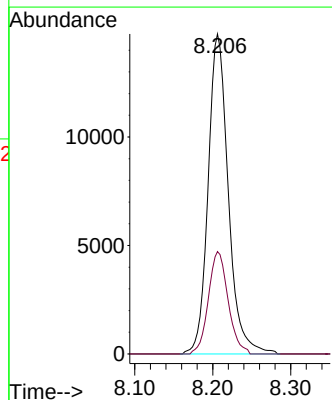
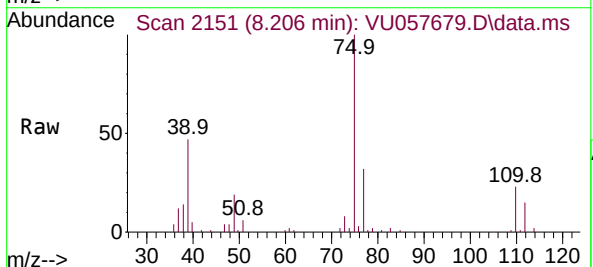
Instrument :
MSVOA_U
ClientSampleId :

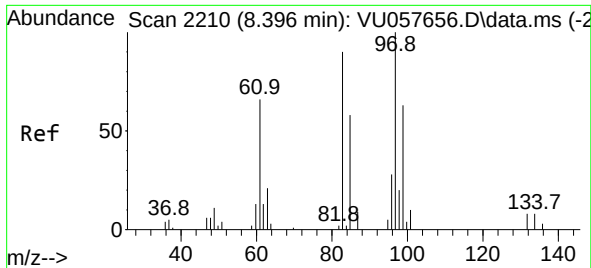
Tgt Ion: 91 Resp: 97122
Ion Ratio Lower Upper
91 100
92 57.1 39.7 73.7



#44
trans-1,3-Dichloropropene
Concen: 4.164 ug/L
RT: 8.206 min Scan# 2151
Delta R.T. -0.000 min
Lab File: VU057679.D
Acq: 26 Jan 2024 09:10

Tgt Ion: 75 Resp: 26511
Ion Ratio Lower Upper
75 100
77 32.0 21.3 39.6

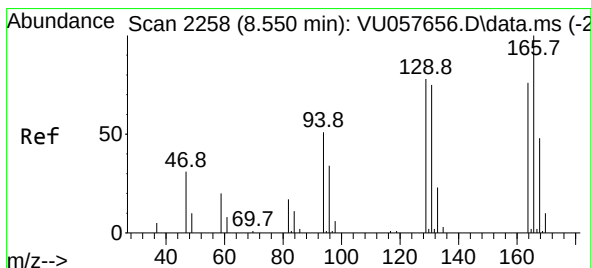
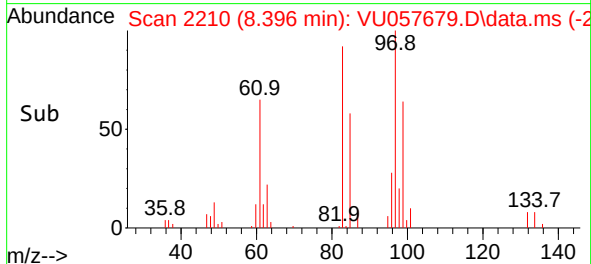
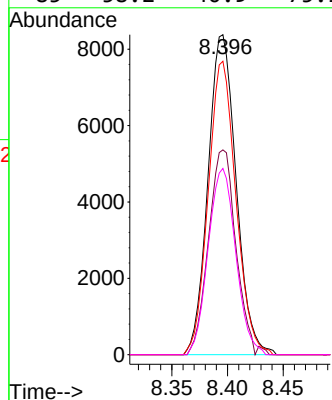
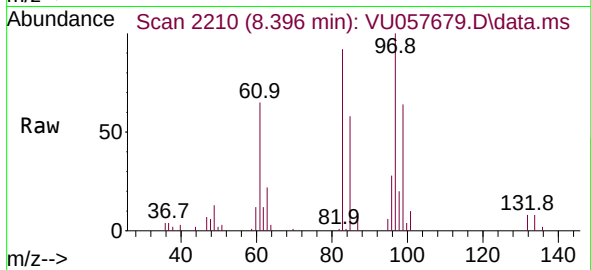




#45
1,1,2-Trichloroethane
Concen: 4.493 ug/L
RT: 8.396 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU057679.D
Acq: 26 Jan 2024 09:10

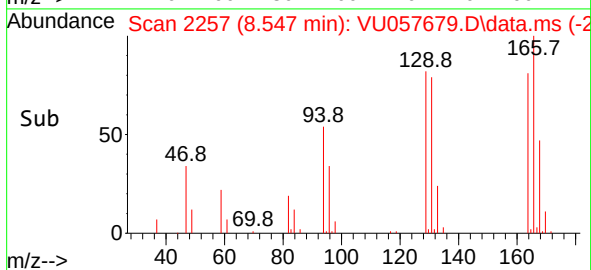
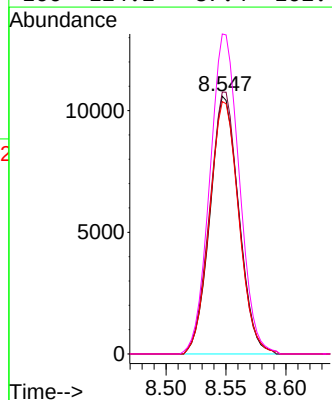
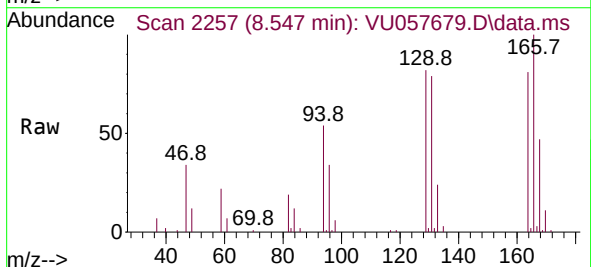
Instrument :
MSVOA_U
ClientSampleId :

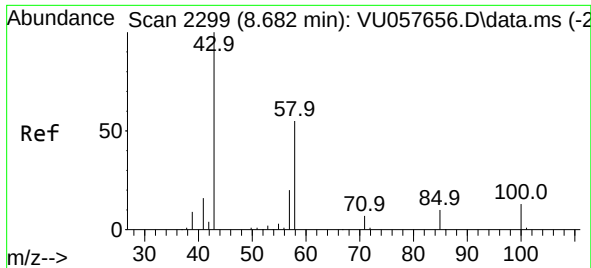
Tgt Ion:	97	Resp:	14730
Ion	Ratio	Lower	Upper
97	100		
99	64.0	45.1	83.7
83	91.7	62.3	115.7
85	58.2	40.9	75.9



#47
Tetrachloroethene
Concen: 4.333 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU057679.D
Acq: 26 Jan 2024 09:10

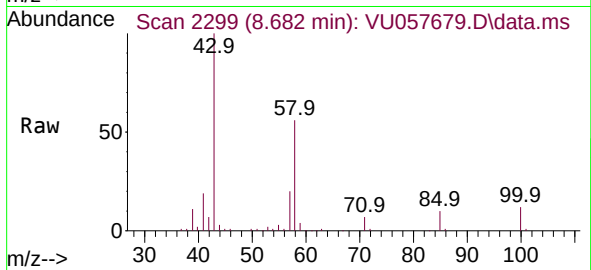
Tgt Ion:	164	Resp:	17685
Ion	Ratio	Lower	Upper
164	100		
129	101.7	71.3	132.5
131	97.9	68.1	126.5
166	124.2	87.4	162.4



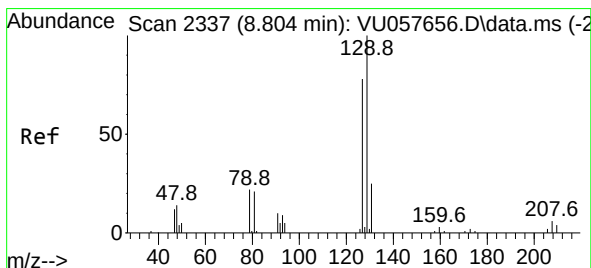
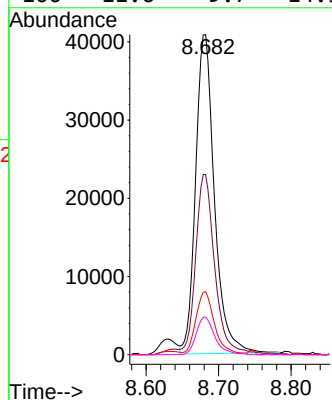
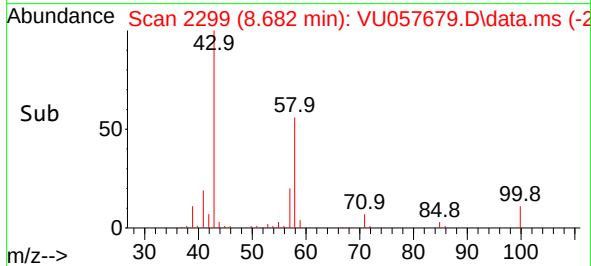


#48
2-Hexanone
Concen: 43.699 ug/L
RT: 8.682 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU057679.D
Acq: 26 Jan 2024 09:10

Instrument :
MSVOA_U
ClientSampleId :

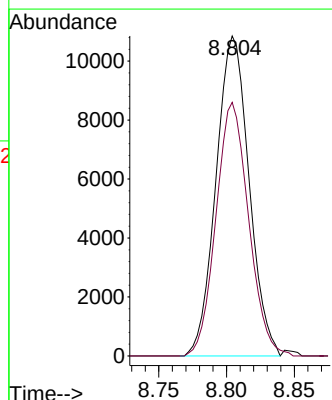
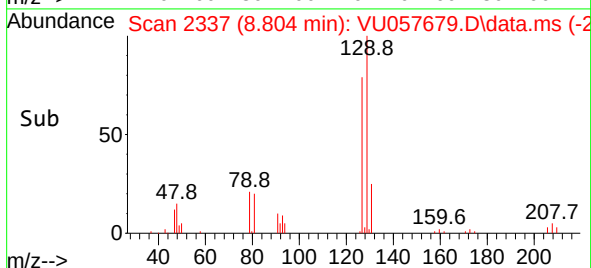
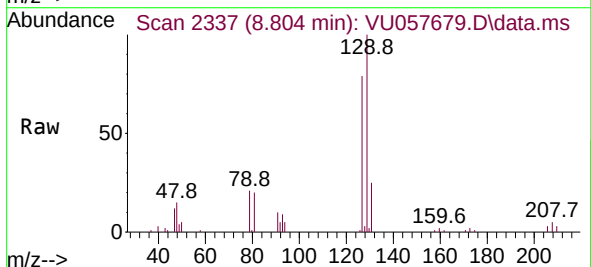


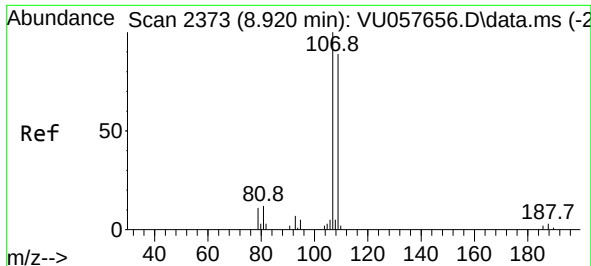
Tgt Ion: 43	Resp: 73755
Ion Ratio	Lower Upper
43 100	
58 56.1	44.3 66.5
57 19.6	15.5 23.3
100 11.6	9.7 14.5



#49
Dibromochloromethane
Concen: 4.336 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU057679.D
Acq: 26 Jan 2024 09:10

Tgt Ion:129	Resp:	18409	
Ion	Ratio	Lower	Upper
129	100		
127	79.2	54.5	101.1





#50

1,2-Dibromoethane

Concen: 4.428 ug/L

RT: 8.920 min Scan# 21

Delta R.T. 0.003 min

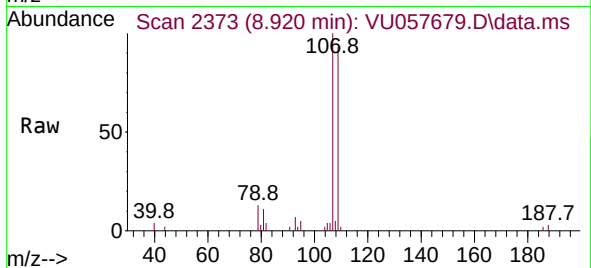
Lab File: VU057679.D

Acq: 26 Jan 2024 09:10

Instrument :

MSVOA_U

ClientSampleId :



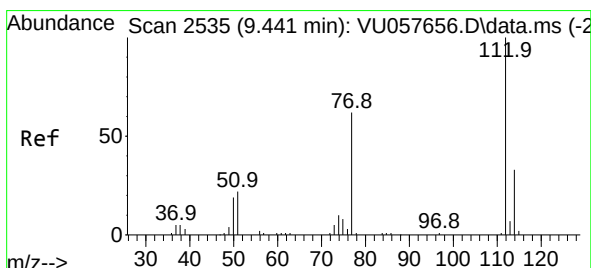
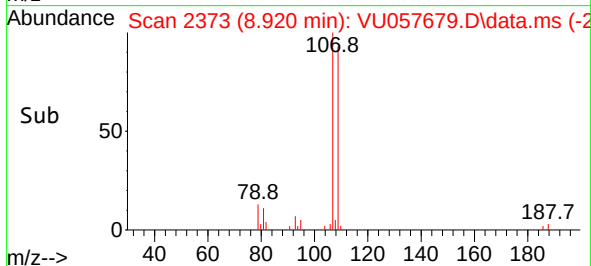
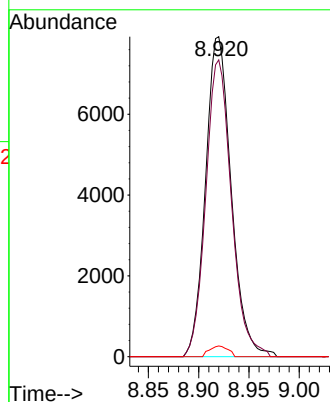
Tgt Ion:107 Resp: 14091

Ion Ratio Lower Upper

107 100

109 92.7 64.5 119.9

188 3.4 2.9 4.3



#51

Chlorobenzene

Concen: 4.413 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. -0.000 min

Lab File: VU057679.D

Acq: 26 Jan 2024 09:10

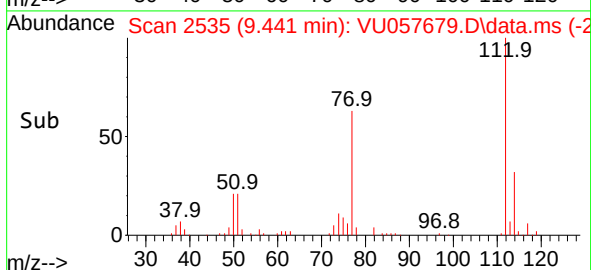
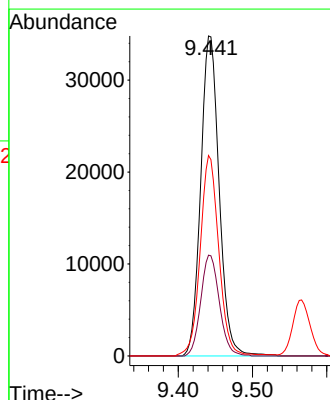
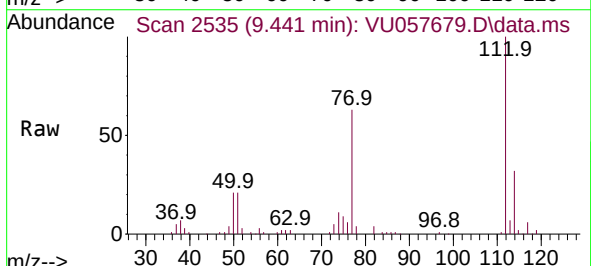
Tgt Ion:112 Resp: 60139

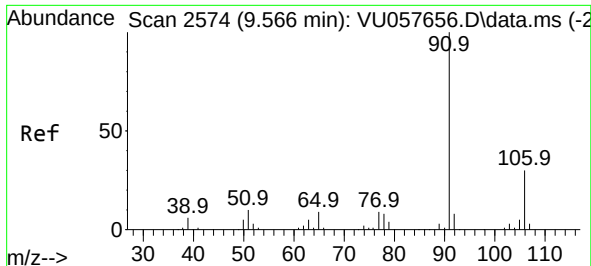
Ion Ratio Lower Upper

112 100

114 31.5 22.0 40.8

77 62.7 49.2 73.8

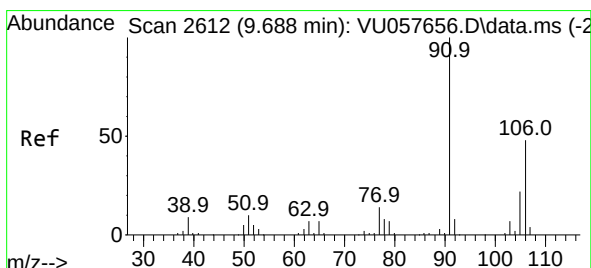
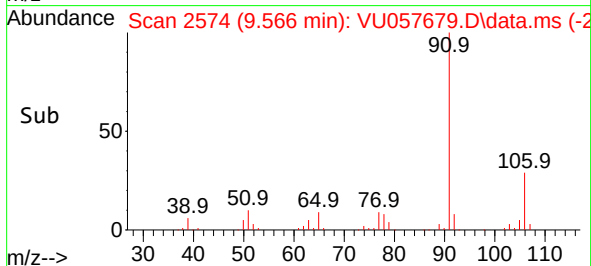
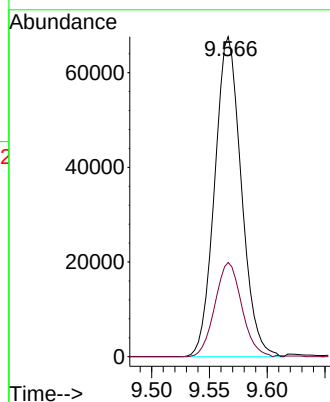
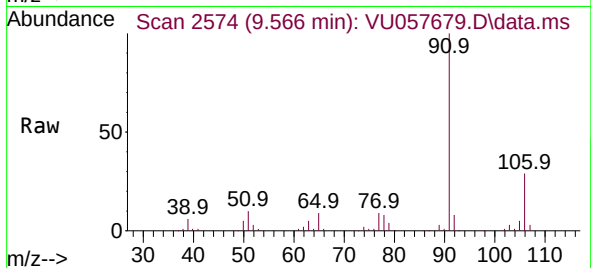




#52
Ethylbenzene
Concen: 4.424 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.003 min
Lab File: VU057679.D
Acq: 26 Jan 2024 09:10

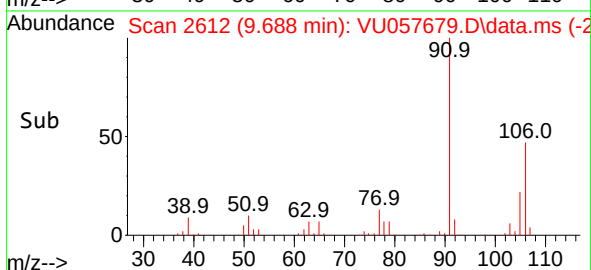
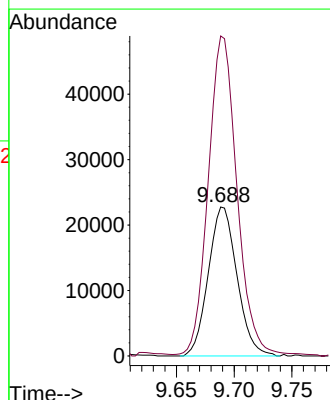
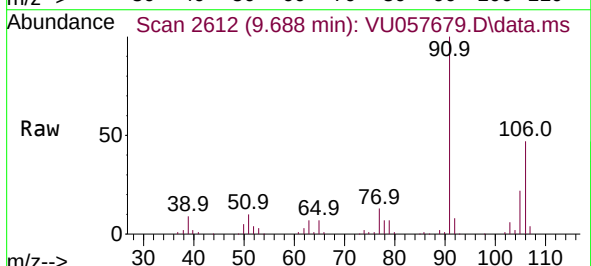
Instrument :
MSVOA_U
ClientSampleId :

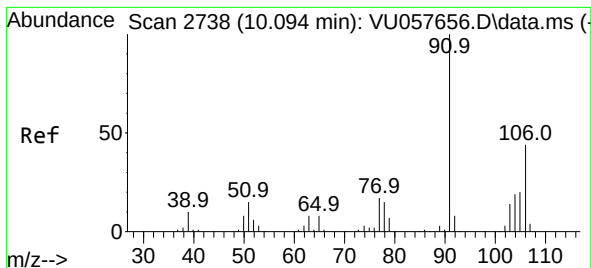
Tgt Ion: 91 Resp: 108294
Ion Ratio Lower Upper
91 100
106 29.4 21.3 39.5



#53
m,p-Xylene
Concen: 4.355 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU057679.D
Acq: 26 Jan 2024 09:10

Tgt Ion:106 Resp: 39339
Ion Ratio Lower Upper
106 100
91 214.9 146.9 272.9





#54

o-Xylene

Concen: 4.402 ug/L

RT: 10.097 min Scan# 2738

Delta R.T. 0.003 min

Lab File: VU057679.D

Acq: 26 Jan 2024 09:10

Instrument :

MSVOA_U

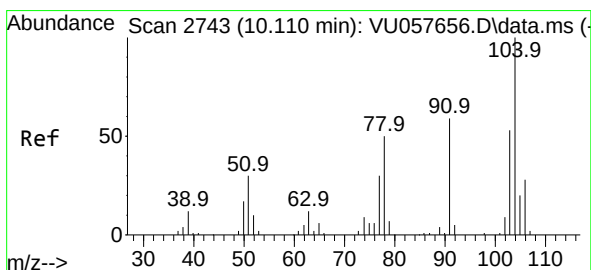
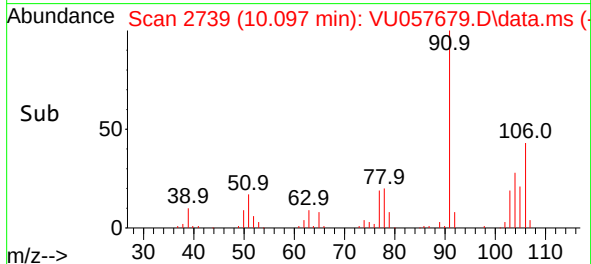
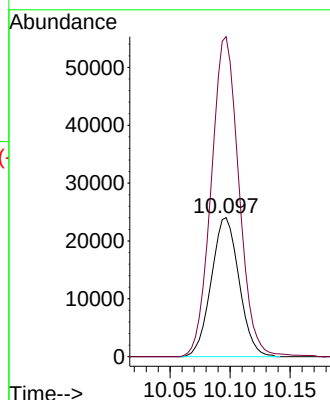
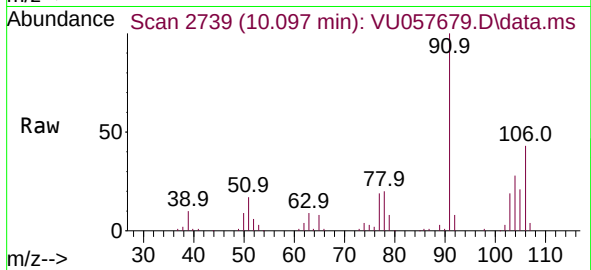
ClientSampleId :

Tgt Ion:106 Resp: 38763

Ion Ratio Lower Upper

106 100

91 230.2 158.1 293.5



#55

Styrene

Concen: 4.439 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. -0.000 min

Lab File: VU057679.D

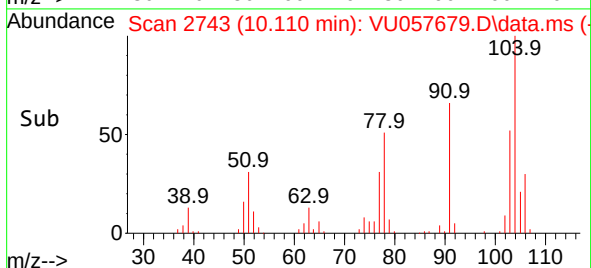
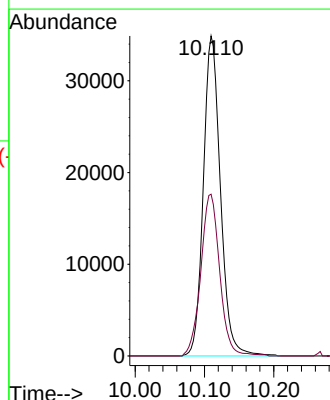
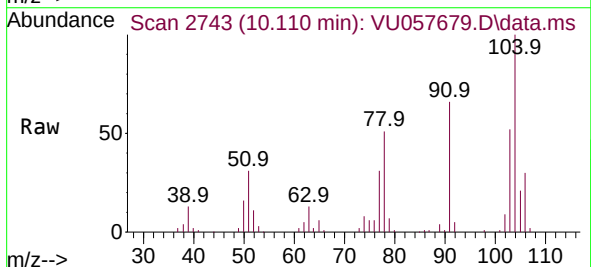
Acq: 26 Jan 2024 09:10

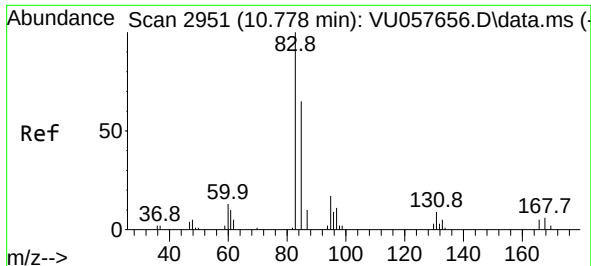
Tgt Ion:104 Resp: 59796

Ion Ratio Lower Upper

104 100

78 50.6 34.3 63.7





#57

1,1,2,2-Tetrachloroethane

Concen: 4.399 ug/L

RT: 10.775 min Scan# 2951

Delta R.T. -0.000 min

Lab File: VU057679.D

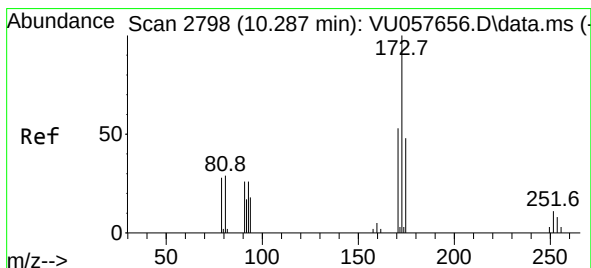
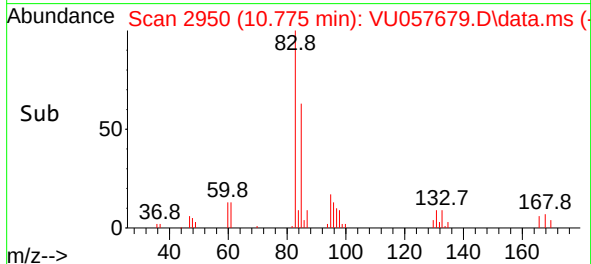
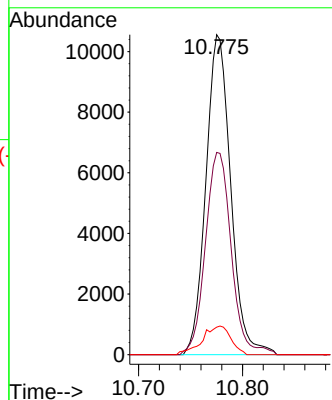
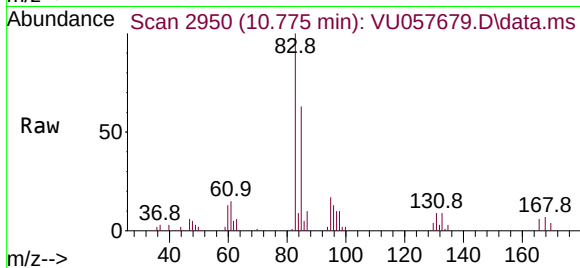
Acq: 26 Jan 2024 09:10

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	17500
Ion	Ratio	Lower	Upper
83	100		
85	63.2	44.4	82.5
131	8.6	8.3	12.5



#59

Bromoform

Concen: 4.709 ug/L

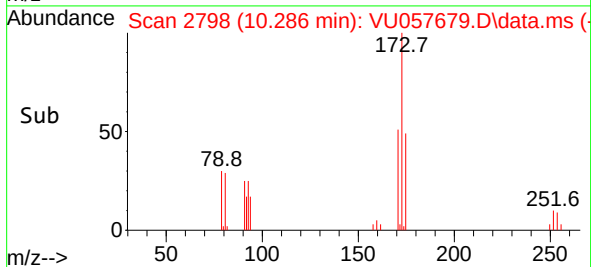
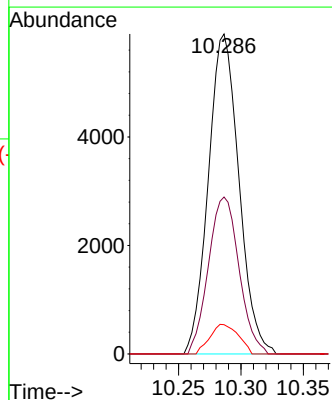
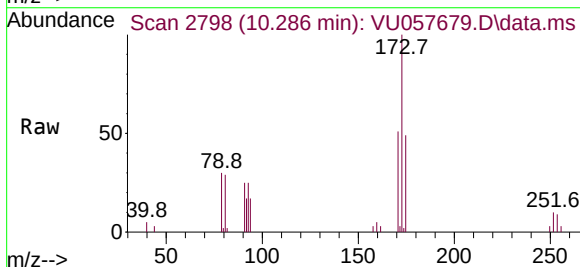
RT: 10.286 min Scan# 2798

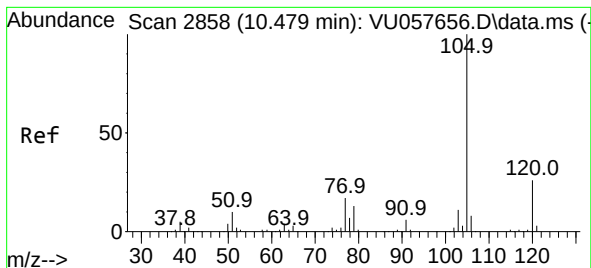
Delta R.T. 0.003 min

Lab File: VU057679.D

Acq: 26 Jan 2024 09:10

Tgt Ion:	173	Resp:	10060
Ion	Ratio	Lower	Upper
173	100		
175	49.1	37.5	56.3
254	8.6	7.2	10.8





#60

Isopropylbenzene

Concen: 4.649 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. -0.000 min

Lab File: VU057679.D

Acq: 26 Jan 2024 09:10

Instrument :

MSVOA_U

ClientSampleId :

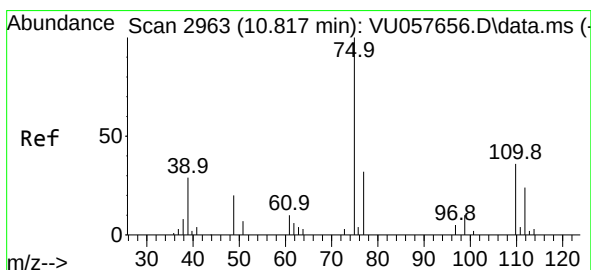
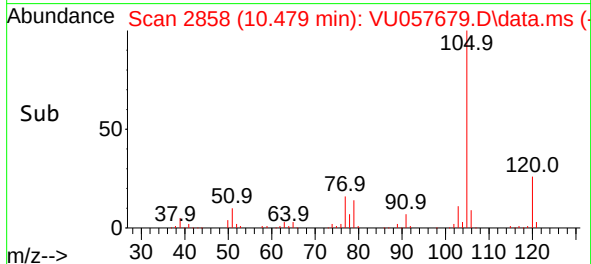
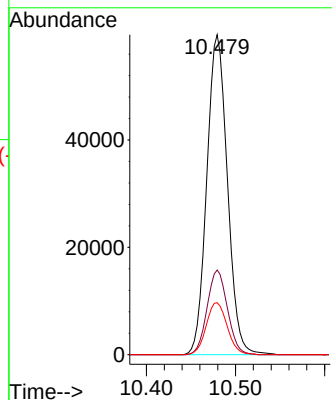
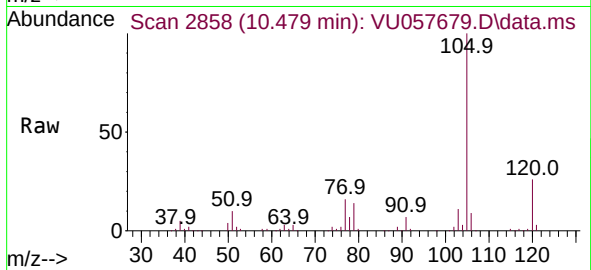
Tgt Ion:105 Resp: 95805

Ion Ratio Lower Upper

105 100

120 26.1 20.8 31.2

77 16.6 13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 4.682 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. -0.000 min

Lab File: VU057679.D

Acq: 26 Jan 2024 09:10

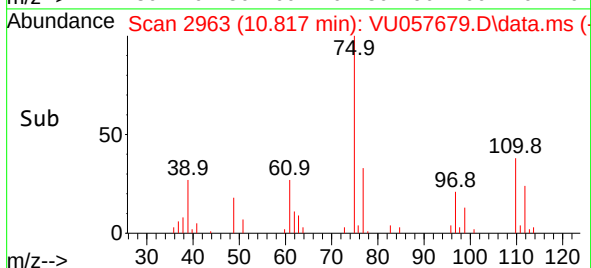
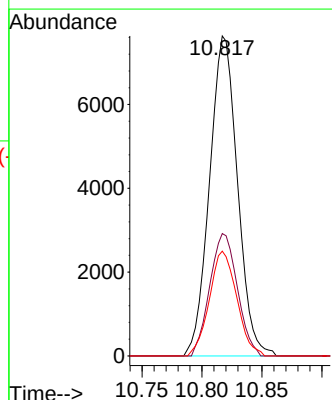
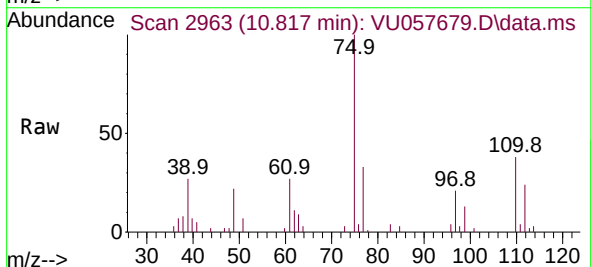
Tgt Ion: 75 Resp: 12358

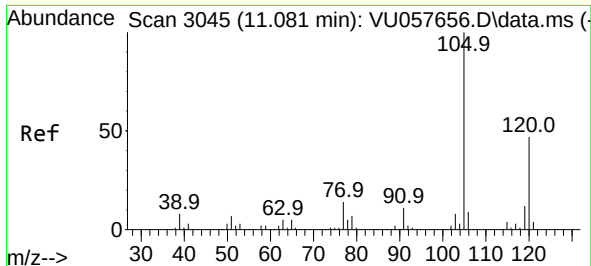
Ion Ratio Lower Upper

75 100

110 37.7 30.1 45.1

77 32.1 25.5 38.3

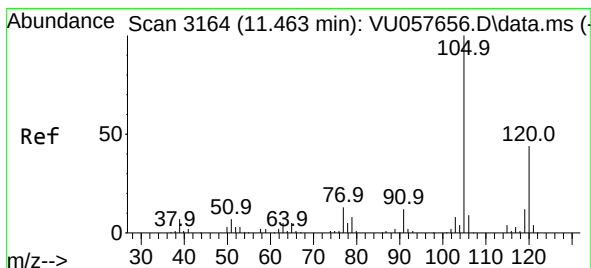
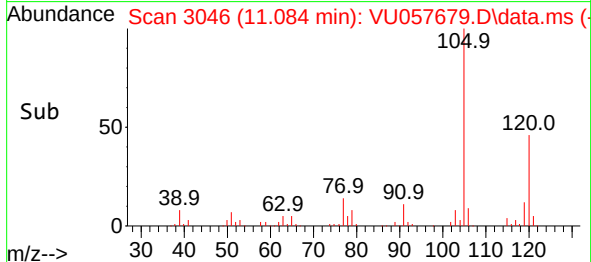
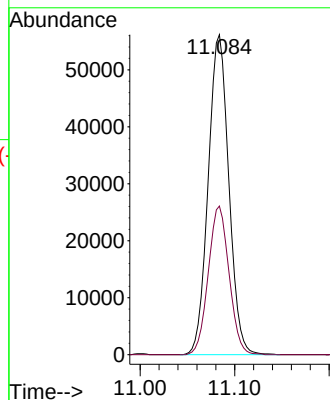
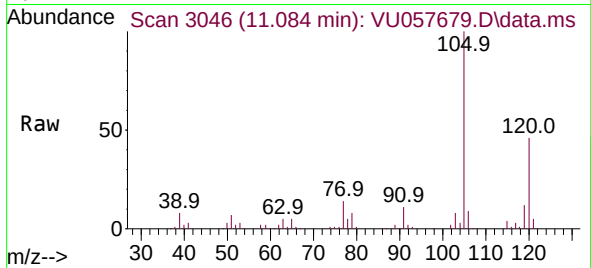




#62
1,3,5-Trimethylbenzene
Concen: 4.632 ug/L
RT: 11.084 min Scan# 3045
Delta R.T. 0.003 min
Lab File: VU057679.D
Acq: 26 Jan 2024 09:10

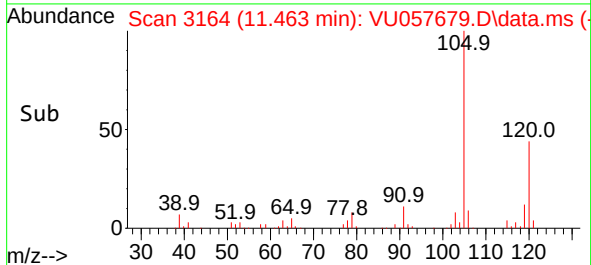
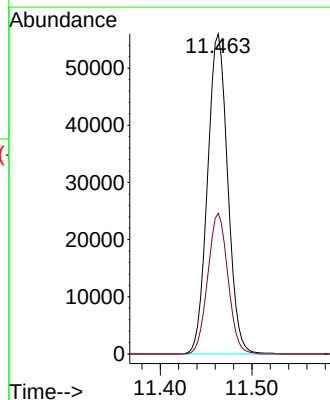
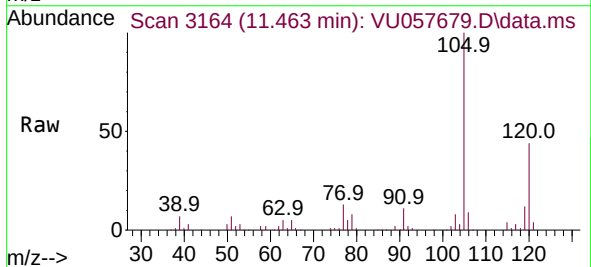
Instrument :
MSVOA_U
ClientSampleId :

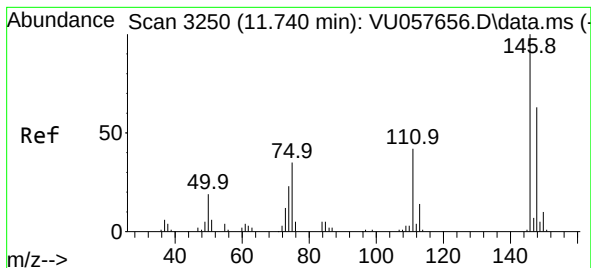
Tgt Ion:105 Resp: 85059
Ion Ratio Lower Upper
105 100
120 46.8 36.9 55.3



#63
1,2,4-Trimethylbenzene
Concen: 4.658 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VU057679.D
Acq: 26 Jan 2024 09:10

Tgt Ion:105 Resp: 85601
Ion Ratio Lower Upper
105 100
120 43.9 35.0 52.4





#64

1,3-Dichlorobenzene

Concen: 4.563 ug/L

RT: 11.743 min Scan# 31

Delta R.T. 0.003 min

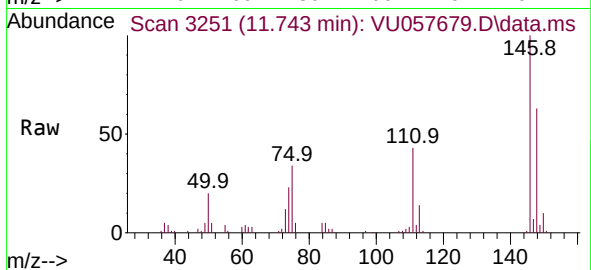
Lab File: VU057679.D

Acq: 26 Jan 2024 09:10

Instrument :

MSVOA_U

ClientSampleId :



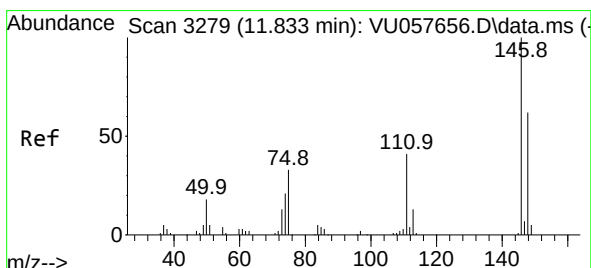
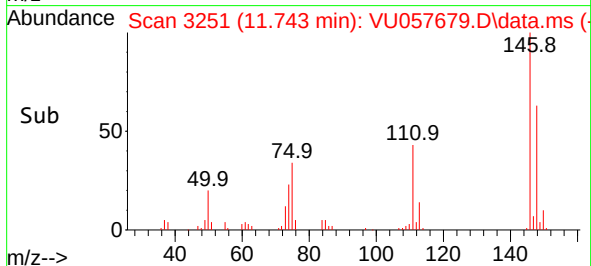
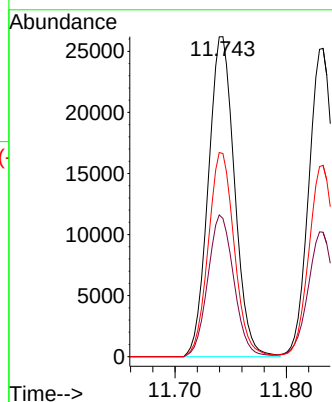
Tgt Ion:146 Resp: 42925

Ion Ratio Lower Upper

146 100

111 43.2 29.6 55.0

148 63.5 44.2 82.2



#65

1,4-Dichlorobenzene

Concen: 4.569 ug/L

RT: 11.833 min Scan# 3279

Delta R.T. 0.003 min

Lab File: VU057679.D

Acq: 26 Jan 2024 09:10

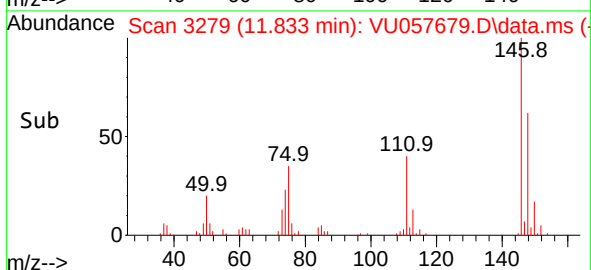
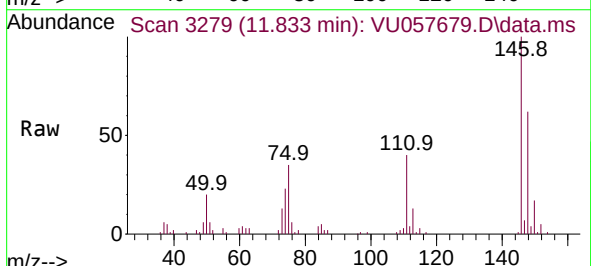
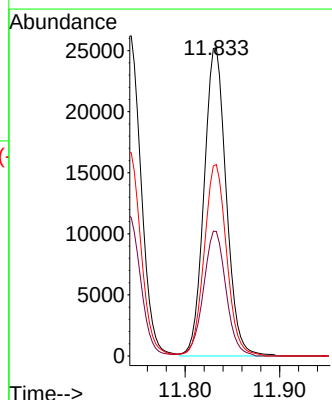
Tgt Ion:146 Resp: 41136

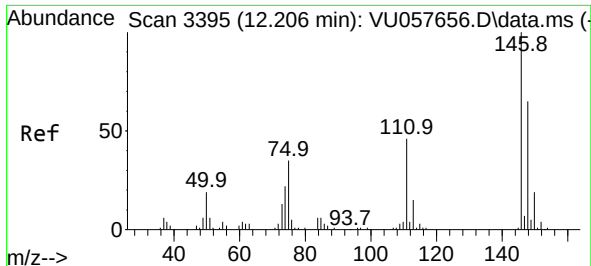
Ion Ratio Lower Upper

146 100

111 40.4 29.5 54.7

148 62.0 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 4.649 ug/L

RT: 12.206 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU057679.D

Acq: 26 Jan 2024 09:10

Instrument :

MSVOA_U

ClientSampleId :

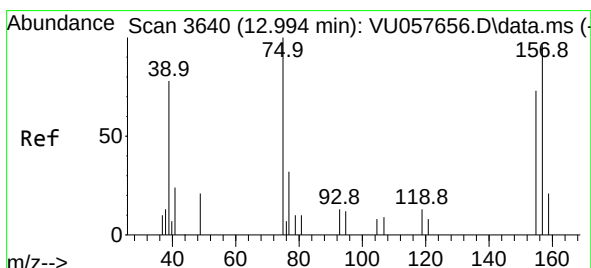
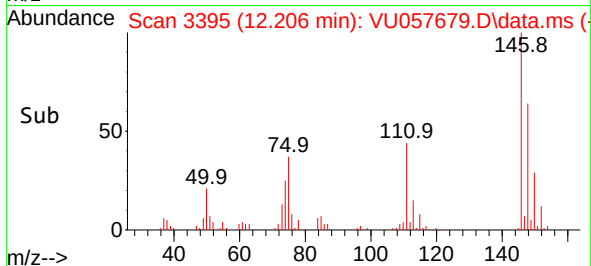
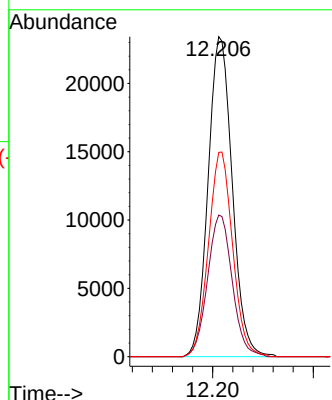
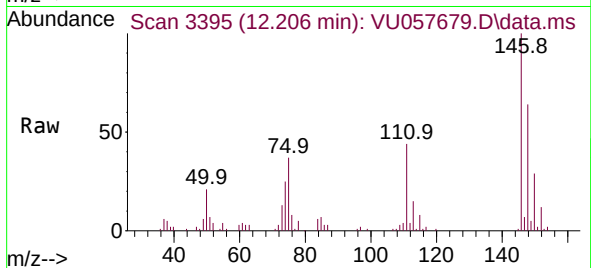
Tgt Ion:146 Resp: 39024

Ion Ratio Lower Upper

146 100

111 44.2 35.7 53.5

148 63.8 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 5.401 ug/L

RT: 12.990 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU057679.D

Acq: 26 Jan 2024 09:10

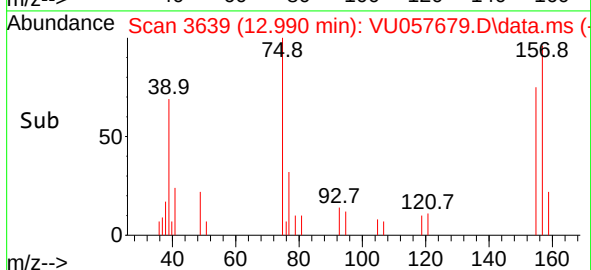
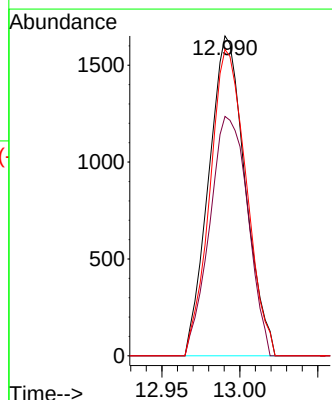
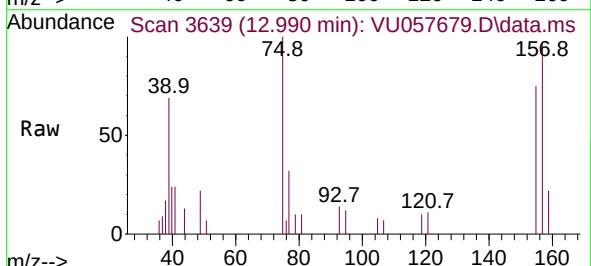
Tgt Ion: 75 Resp: 2684

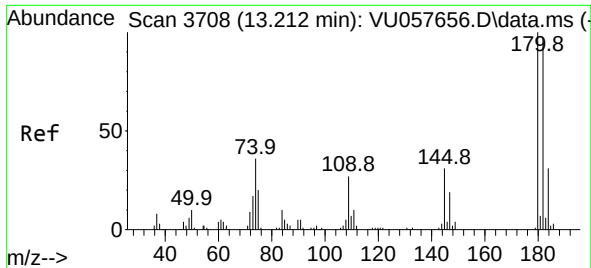
Ion Ratio Lower Upper

75 100

155 74.9 62.8 94.2

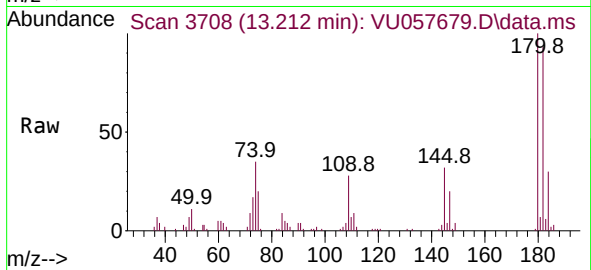
157 95.8 78.9 118.3



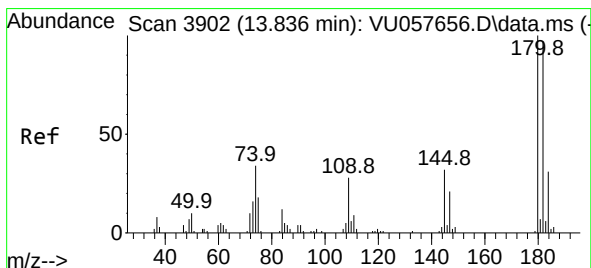
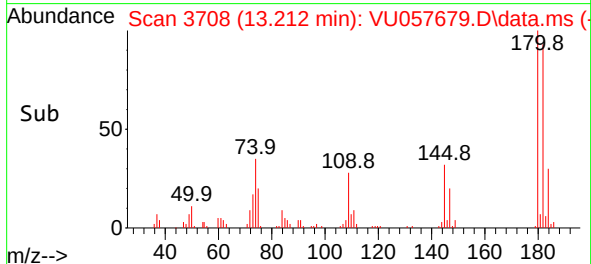
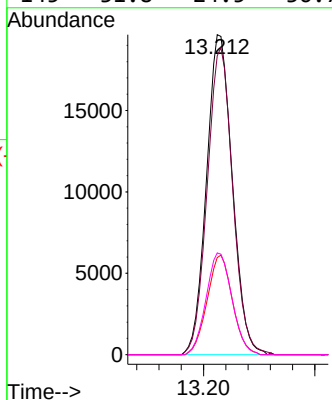


#69
 1,3,5-Trichlorobenzene
 Concen: 4.578 ug/L
 RT: 13.212 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU057679.D
 Acq: 26 Jan 2024 09:10

Instrument :
 MSVOA_U
 ClientSampleId :

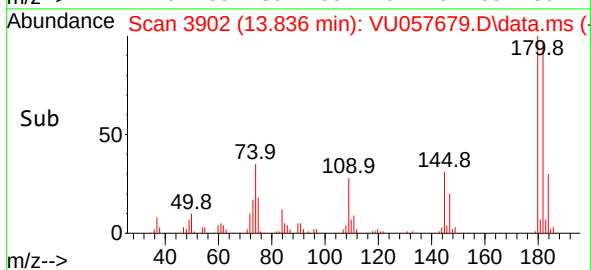
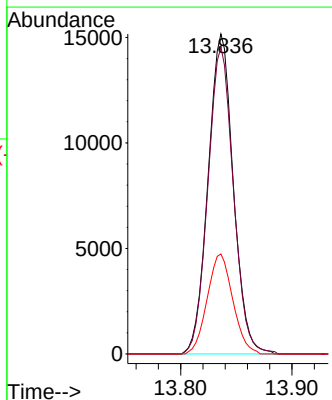
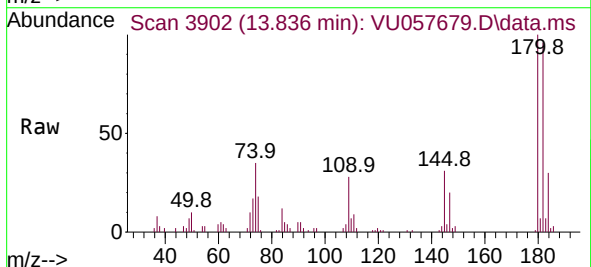


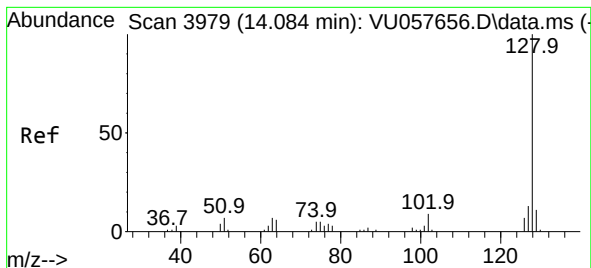
Tgt Ion:	180	Resp:	31610
Ion Ratio	Lower	Upper	
180	100		
182	94.5	75.4	113.2
184	30.4	24.1	36.1
145	31.8	24.5	36.7



#70
 1,2,4-trichlorobenzene
 Concen: 4.719 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. 0.003 min
 Lab File: VU057679.D
 Acq: 26 Jan 2024 09:10

Tgt Ion:	180	Resp:	23867
Ion Ratio	Lower	Upper	
180	100		
182	96.6	74.9	112.3
145	31.6	25.4	38.2





#71

Naphthalene

Concen: 4.802 ug/L

RT: 14.084 min Scan# 3979

Delta R.T. 0.003 min

Lab File: VU057679.D

Acq: 26 Jan 2024 09:10

Instrument :

MSVOA_U

ClientSampleId :

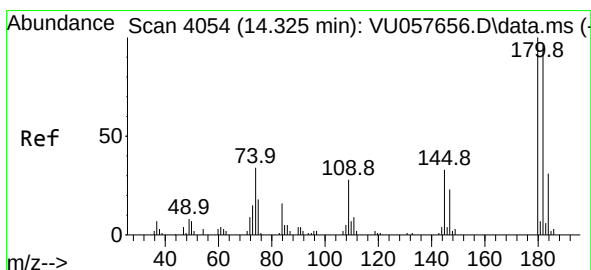
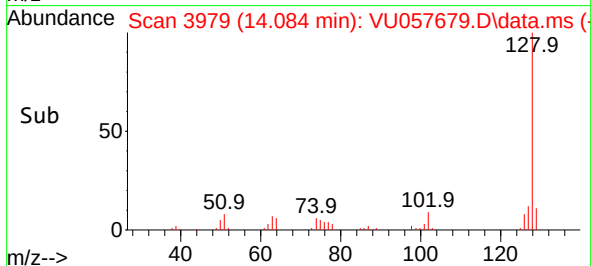
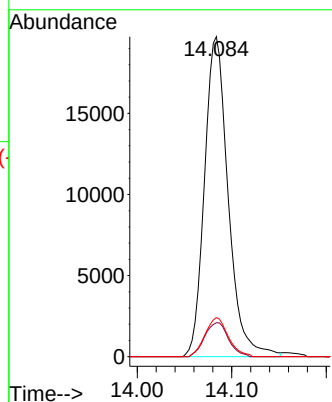
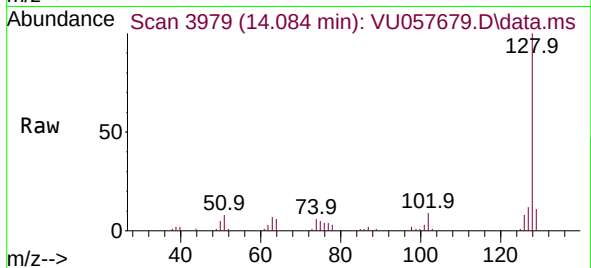
Tgt Ion:128 Resp: 34381

Ion Ratio Lower Upper

128 100

129 10.7 8.6 13.0

127 11.9 10.0 15.0



#72

1,2,3-Trichlorobenzene

Concen: 4.732 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. 0.003 min

Lab File: VU057679.D

Acq: 26 Jan 2024 09:10

Tgt Ion:180 Resp: 18627

Ion Ratio Lower Upper

180 100

182 98.5 78.1 117.1

145 35.2 26.7 40.1

