

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041524\
 Data File : VU058679.D
 Acq On : 15 Apr 2024 09:45
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 16 00:35:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 16 00:08:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	71302	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	67610	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	33750	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	21377	4.528	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.600%
7) Chloroethane-d5	1.907	69	24062	5.865	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	117.400%
11) 1,1-Dichloroethene-d2	2.560	65	10253	4.799	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.000%
20) 2-Butanone-d5	4.618	46	67013	67.361	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	134.720%#
24) Chloroform-d	5.052	84	56347	5.979	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	119.600%
26) 1,2-Dichloroethane-d4	5.692	65	27689	6.296	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	126.000%
32) Benzene-d6	5.721	84	104516	5.742	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.800%
36) 1,2-Dichloropropane-d6	6.682	67	35125	6.153	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	123.000%
41) Toluene-d8	7.891	98	90328	5.596	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.000%
43) trans-1,3-Dichloroprop...	8.174	79	10378	5.857	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	117.200%
46) 2-Hexanone-d5	8.627	63	48011	65.692	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	131.380%#
56) 1,1,2,2-Tetrachloroeth...	10.749	84	23873	5.924	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	118.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	29290	5.153	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	24390	4.104	ug/L	98
3) Chloromethane	1.515	50	30690	4.220	ug/L	99
5) Vinyl chloride	1.599	62	31966	4.401	ug/L	99
6) Bromomethane	1.853	94	14347	4.175	ug/L	98
8) Chloroethane	1.927	64	22533	4.910	ug/L	100
9) Trichlorofluoromethane	2.132	101	44404	4.629	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	27784	4.875	ug/L	96
12) 1,1-Dichloroethene	2.573	96	23299	4.611	ug/L	99
13) Acetone	2.631	43	41534	48.916	ug/L	99
14) Carbon disulfide	2.788	76	68617	4.275	ug/L	98
15) Methyl Acetate	2.946	43	10360	5.171	ug/L	95
16) Methylene chloride	3.036	84	28208	4.206	ug/L	98
17) Methyl tert-butyl Ether	3.351	73	56566	4.739	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	24841	4.690	ug/L	93
19) 1,1-Dichloroethane	3.859	63	58351	5.048	ug/L	98
21) 2-Butanone	4.698	43	63279	49.861	ug/L	98
22) cis-1,2-Dichloroethene	4.656	96	28505	4.793	ug/L	93
23) Bromochloromethane	4.965	128	11788	5.031	ug/L	97
25) Chloroform	5.078	83	56490	5.049	ug/L	98

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 ClientSampleId :

Quant Time: Apr 16 00:35:52 2024
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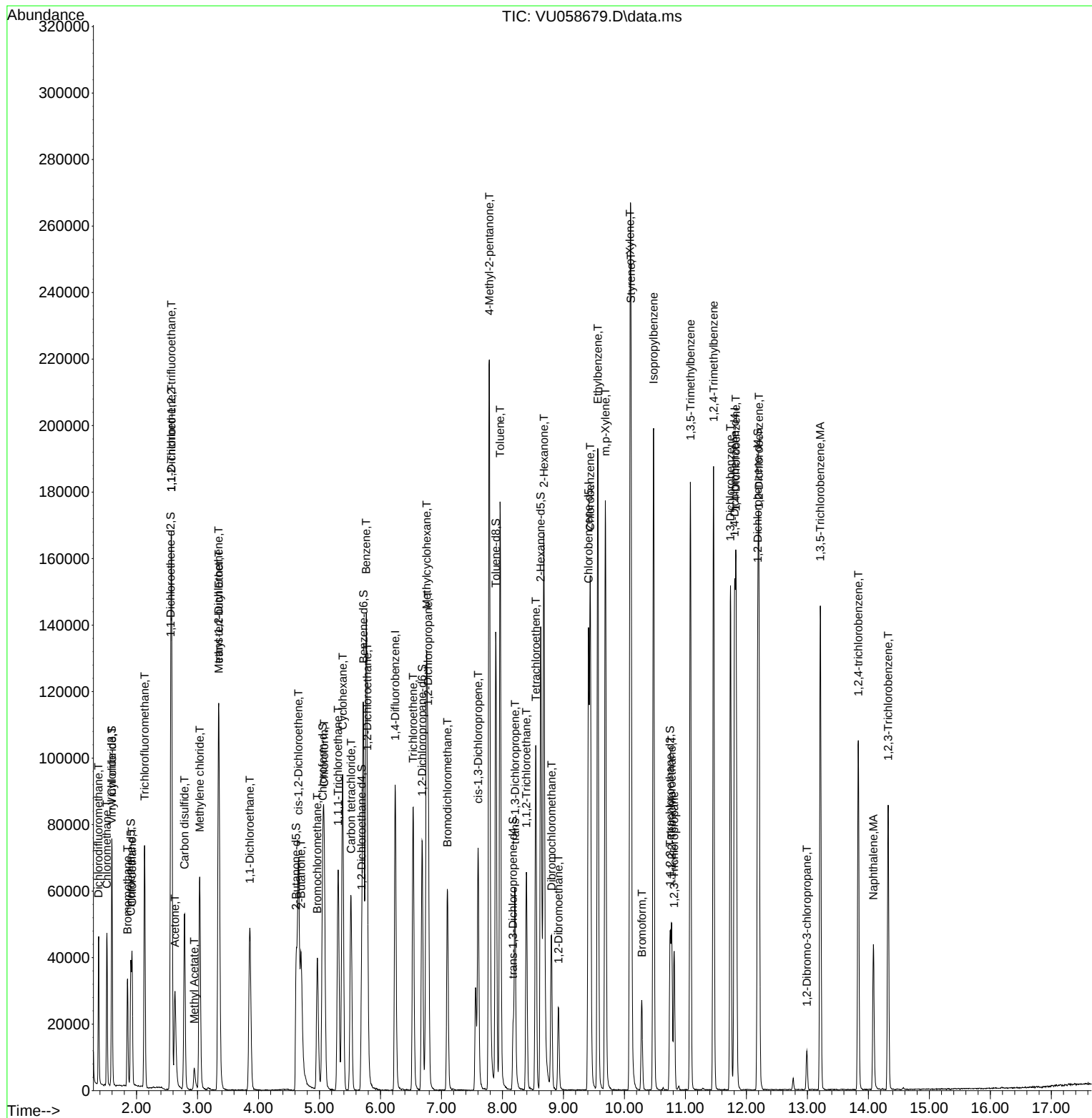
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	34694	5.092	ug/L	97
29) 1,1,1-Trichloroethane	5.306	97	46175	5.094	ug/L	97
30) Cyclohexane	5.380	56	44378	4.636	ug/L	99
31) Carbon tetrachloride	5.518	117	38680	5.039	ug/L	98
33) Benzene	5.766	78	119427	4.873	ug/L	100
34) Trichloroethene	6.534	95	29440	4.765	ug/L	98
35) Methylcyclohexane	6.756	83	43109	4.632	ug/L	97
37) 1,2-Dichloropropane	6.782	63	33832	5.247	ug/L	99
38) Bromodichloromethane	7.100	83	39068	5.308	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	41621	5.076	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	157457	51.879	ug/L	98
42) Toluene	7.962	91	126713	4.929	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	34733	5.371	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	19352	5.139	ug/L	97
47) Tetrachloroethene	8.547	164	21055	4.649	ug/L	98
48) 2-Hexanone	8.679	43	119455	55.441	ug/L	96
49) Dibromochloromethane	8.804	129	22621	5.196	ug/L	98
50) 1,2-Dibromoethane	8.920	107	16952	4.922	ug/L	95
51) Chlorobenzene	9.441	112	74314	4.778	ug/L	99
52) Ethylbenzene	9.563	91	132638	4.870	ug/L	100
53) m,p-Xylene	9.688	106	47179	4.838	ug/L	97
54) o-Xylene	10.094	106	45676	4.777	ug/L	96
55) Styrene	10.110	104	77148	5.015	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	24125	5.193	ug/L	99
59) Bromoform	10.286	173	11542	5.119	ug/L	98
60) Isopropylbenzene	10.479	105	120743	4.887	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	17080	4.960	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	96232	4.776	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	99182	4.821	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	56567	4.713	ug/L	96
65) 1,4-Dichlorobenzene	11.830	146	55610	4.756	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	50733	4.647	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.990	75	3164	5.418	ug/L	92
69) 1,3,5-Trichlorobenzene	13.212	180	41710	4.700	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	29198	4.266	ug/L	97
71) Naphthalene	14.084	128	35906	3.829	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	24700	4.370	ug/L	98

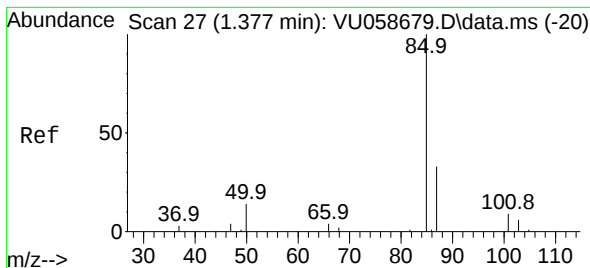
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ClientSampleId :

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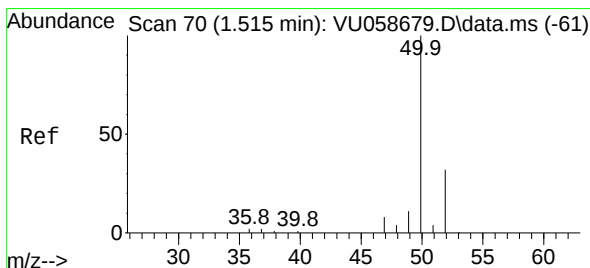
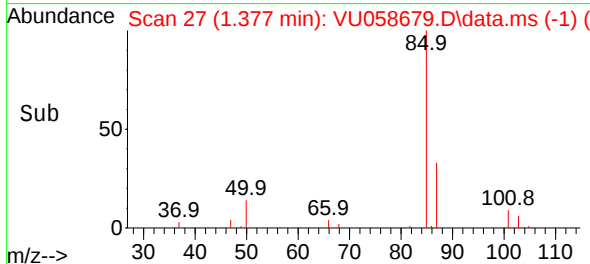
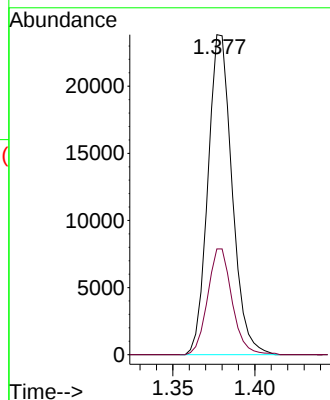
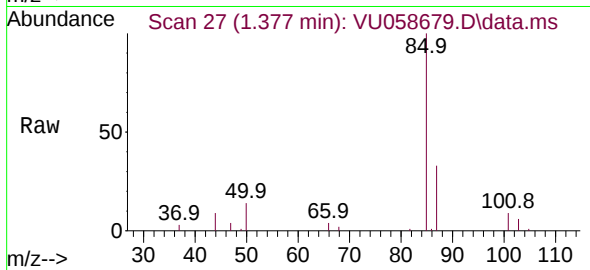




#2
 Dichlorodifluoromethane
 Concen: 4.104 ug/L
 RT: 1.377 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU058679.D
 Acq: 15 Apr 2024 09:45

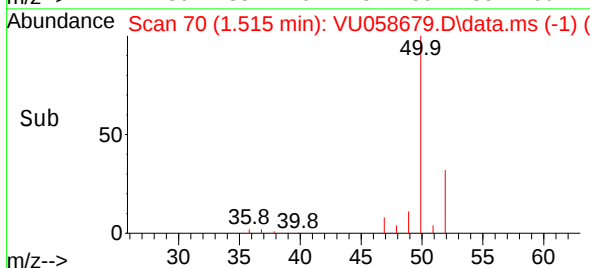
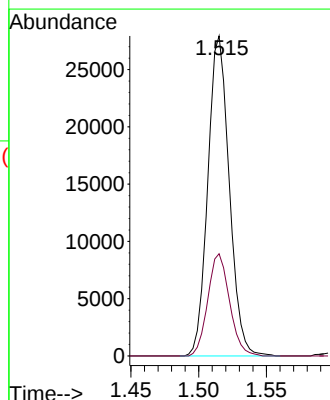
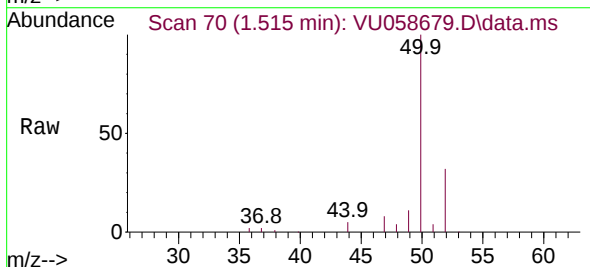
Instrument :
 MSVOA_U
 ClientSampleId :

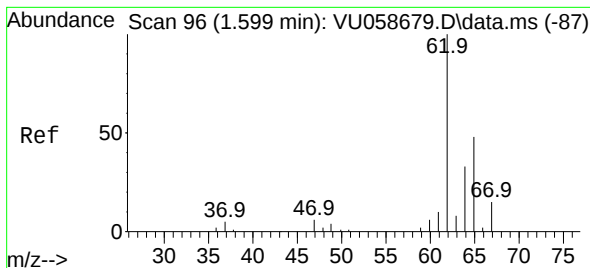
Tgt Ion: 85 Resp: 24390
 Ion Ratio Lower Upper
 85 100
 87 33.4 25.9 38.9



#3
 Chloromethane
 Concen: 4.220 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU058679.D
 Acq: 15 Apr 2024 09:45

Tgt Ion: 50 Resp: 30690
 Ion Ratio Lower Upper
 50 100
 52 32.0 22.6 42.0





#5

Vinyl chloride

Concen: 4.401 ug/L

RT: 1.599 min Scan# 96

Delta R.T. 0.000 min

Lab File: VU058679.D

Acq: 15 Apr 2024 09:45

Instrument :

MSVOA_U

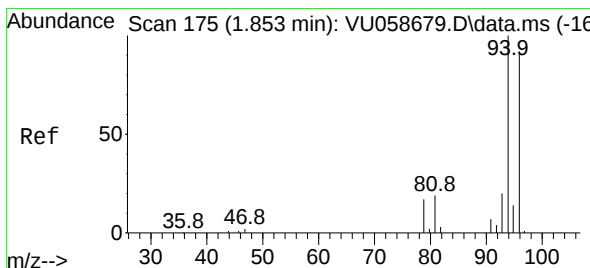
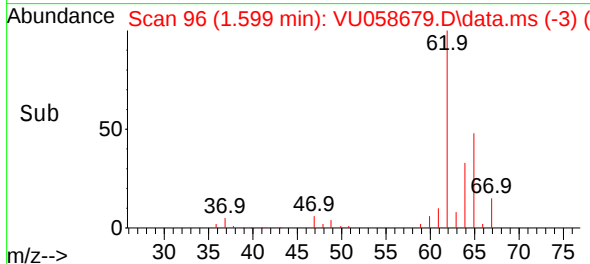
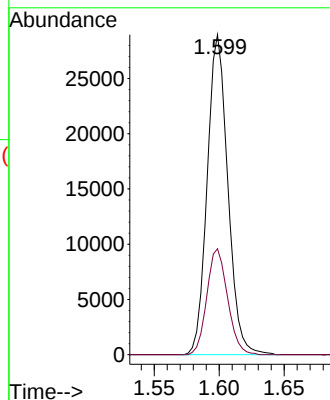
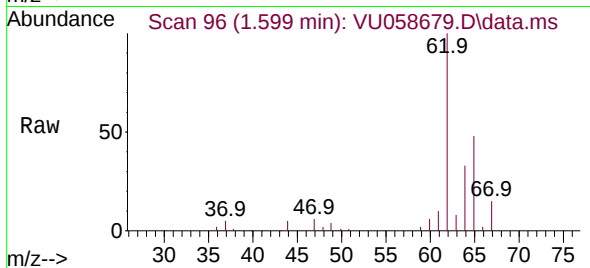
ClientSampleId :

Tgt Ion: 62 Resp: 31966

Ion Ratio Lower Upper

62 100

64 33.1 22.6 42.0



#6

Bromomethane

Concen: 4.175 ug/L

RT: 1.853 min Scan# 175

Delta R.T. 0.000 min

Lab File: VU058679.D

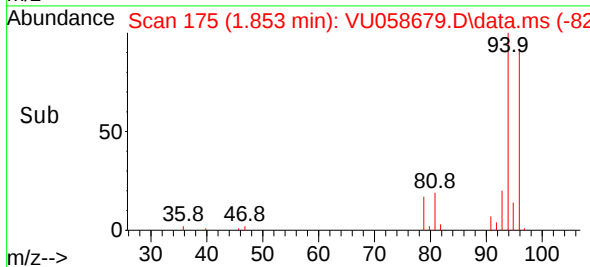
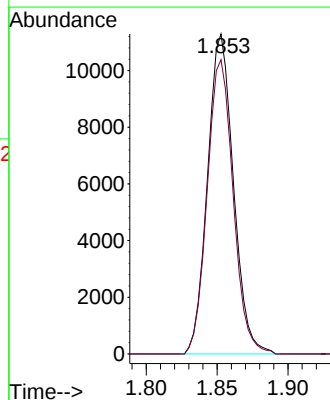
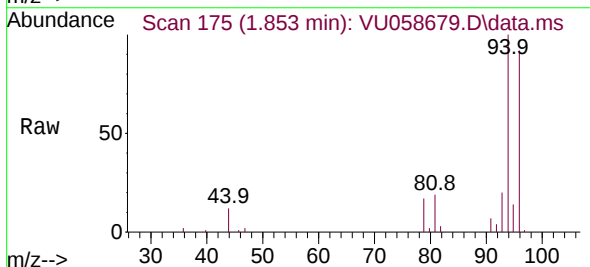
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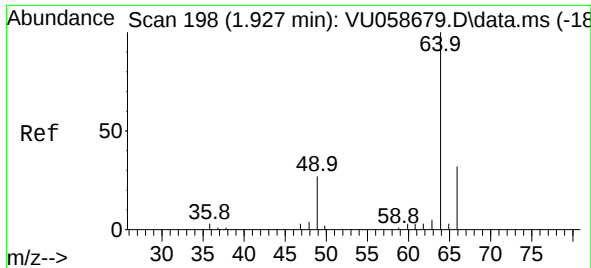
Tgt Ion: 94 Resp: 14347

Ion Ratio Lower Upper

94 100

96 91.9 65.4 121.4

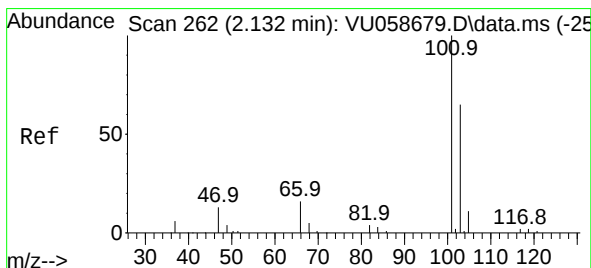
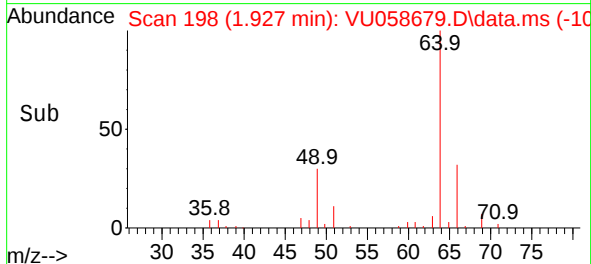
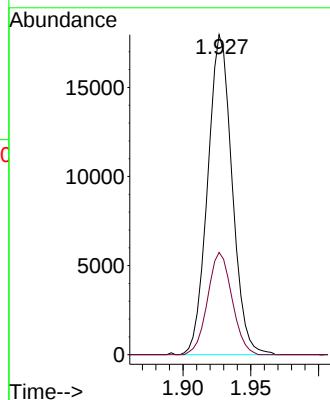
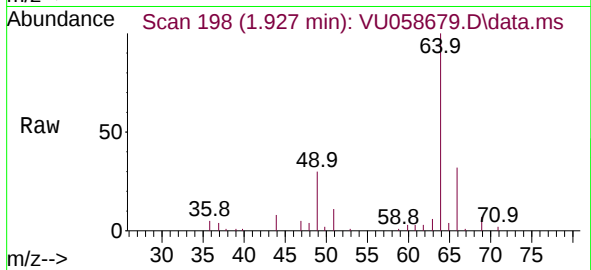




#8
Chloroethane
Concen: 4.910 ug/L
RT: 1.927 min Scan# 198
Delta R.T. 0.000 min
Lab File: VU058679.D
Acq: 15 Apr 2024 09:45

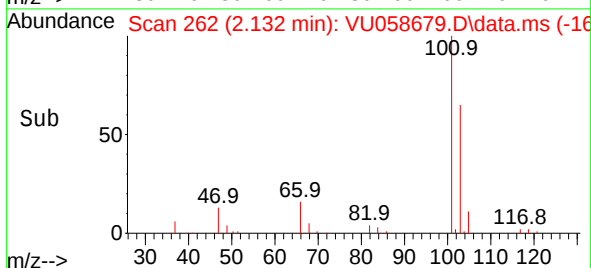
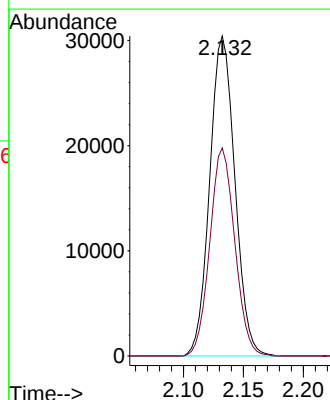
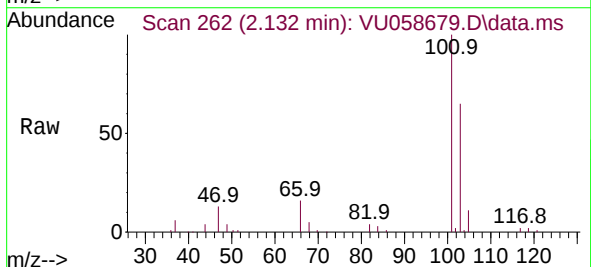
Instrument :
MSVOA_U
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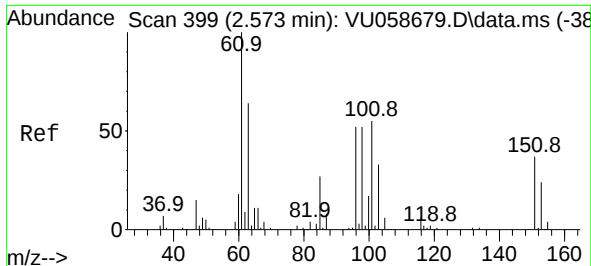
Tgt Ion: 64 Resp: 22533
Ion Ratio Lower Upper
64 100
66 31.9 22.5 41.9



#9
Trichlorofluoromethane
Concen: 4.629 ug/L
RT: 2.132 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU058679.D
Acq: 15 Apr 2024 09:45

Tgt Ion:101 Resp: 44404
Ion Ratio Lower Upper
101 100
103 64.4 51.2 76.8

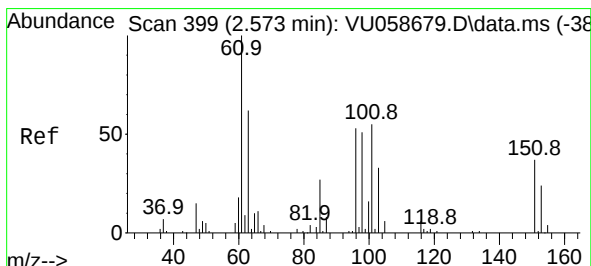
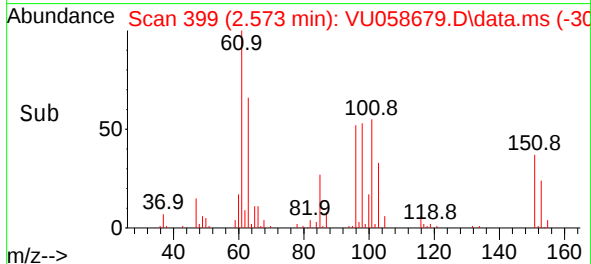
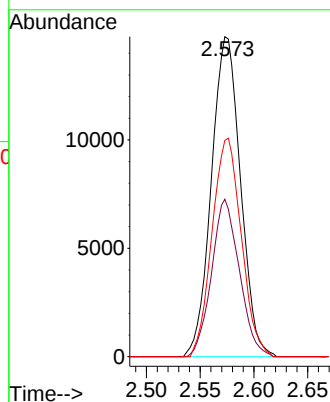
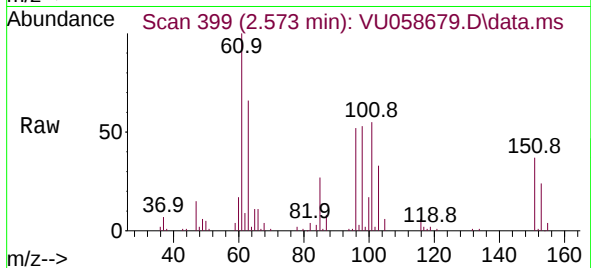




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.875 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU058679.D
Acq: 15 Apr 2024 09:45

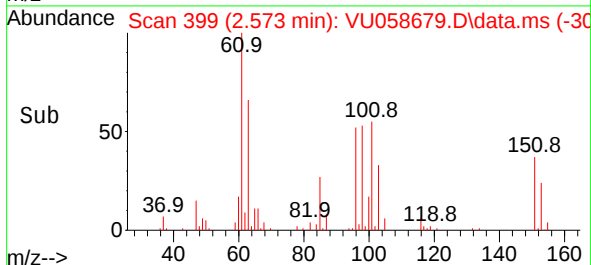
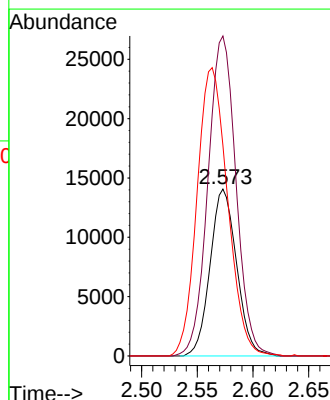
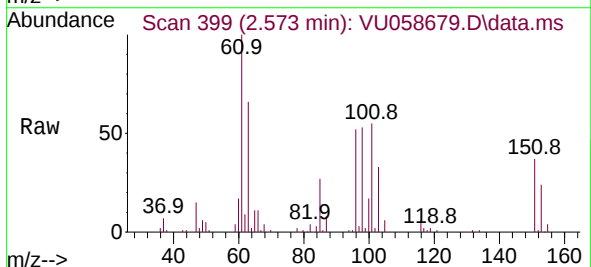
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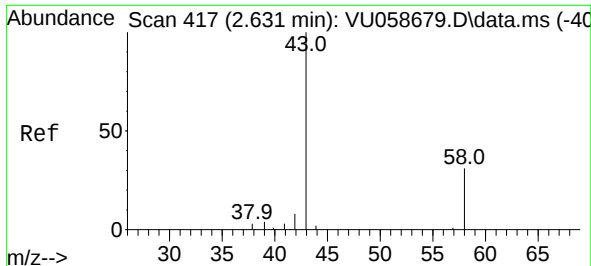
Tgt Ion:101 Resp: 27784
Ion Ratio Lower Upper
101 100
85 47.0 36.8 55.2
151 68.6 58.2 87.4



#12
1,1-Dichloroethene
Concen: 4.611 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU058679.D
Acq: 15 Apr 2024 09:45

Tgt Ion: 96 Resp: 23299
Ion Ratio Lower Upper
96 100
61 191.8 132.5 246.1
63 126.3 87.7 162.9





#13

Acetone

Concen: 48.916 ug/L

RT: 2.631 min Scan# 417

Delta R.T. 0.000 min

Lab File: VU058679.D

Acq: 15 Apr 2024 09:45

Instrument :

MSVOA_U

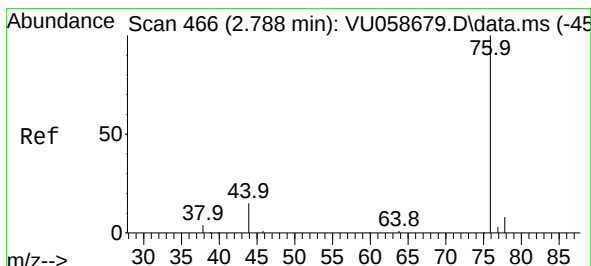
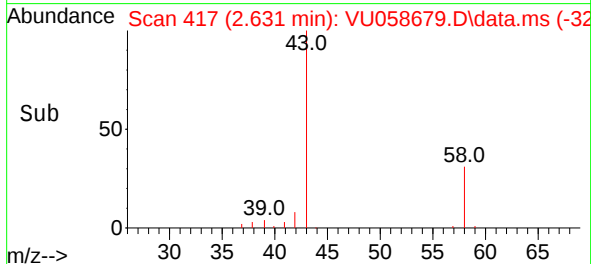
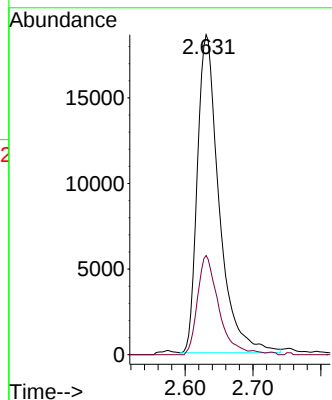
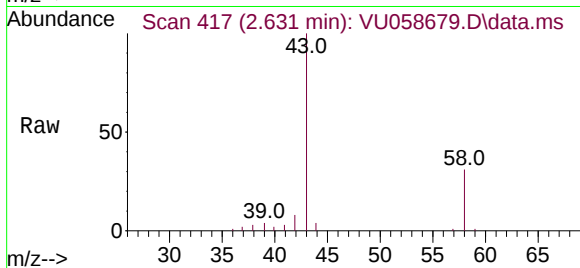
ClientSampleId :

Tgt Ion: 43 Resp: 41534

Ion Ratio Lower Upper

43 100

58 29.9 0.0 61.4



#14

Carbon disulfide

Concen: 4.275 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU058679.D

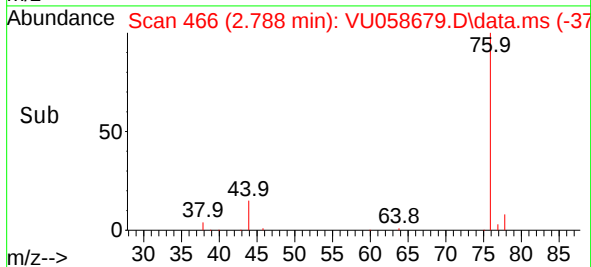
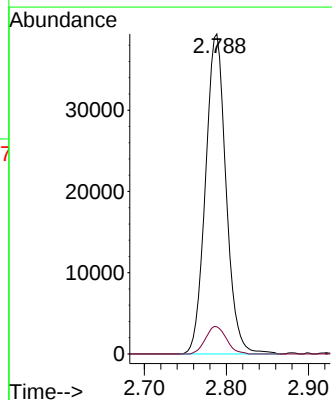
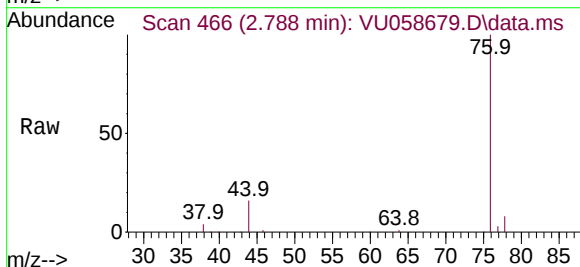
Acq: 15 Apr 2024 09:45

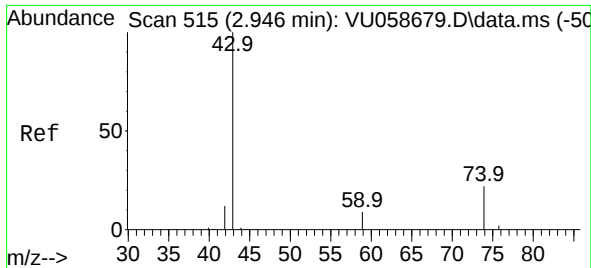
Tgt Ion: 76 Resp: 68617

Ion Ratio Lower Upper

76 100

78 8.5 7.5 11.3

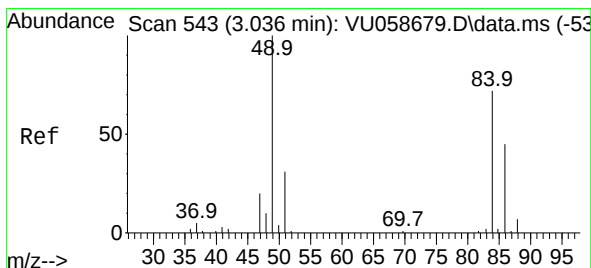
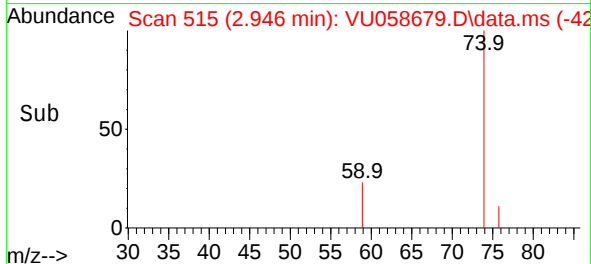
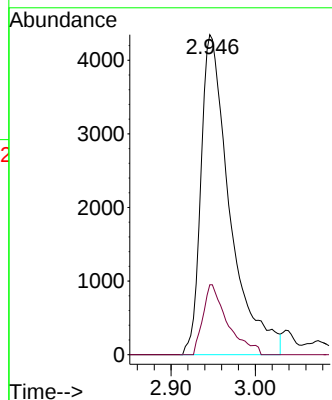
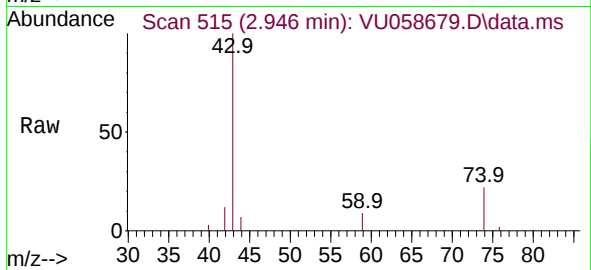




#15
Methyl Acetate
Concen: 5.171 ug/L
RT: 2.946 min Scan# 515
Delta R.T. 0.000 min
Lab File: VU058679.D
Acq: 15 Apr 2024 09:45

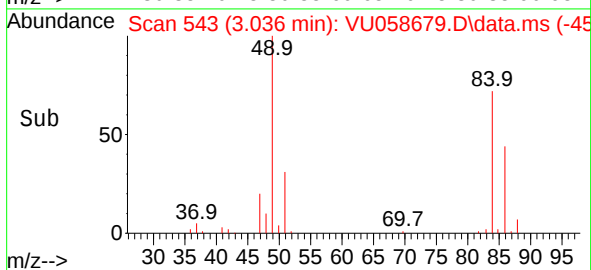
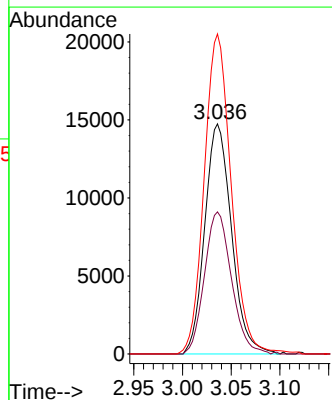
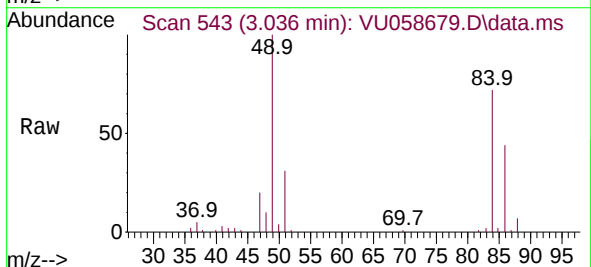
Instrument :
MSVOA_U
ClientSampleId :

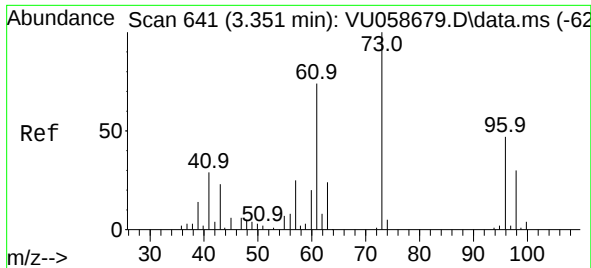
Tgt Ion: 43 Resp: 10360
Ion Ratio Lower Upper
43 100
74 18.6 16.6 25.0



#16
Methylene chloride
Concen: 4.206 ug/L
RT: 3.036 min Scan# 543
Delta R.T. 0.000 min
Lab File: VU058679.D
Acq: 15 Apr 2024 09:45

Tgt Ion: 84 Resp: 28208
Ion Ratio Lower Upper
84 100
86 61.7 44.3 82.3
49 139.1 96.0 178.2

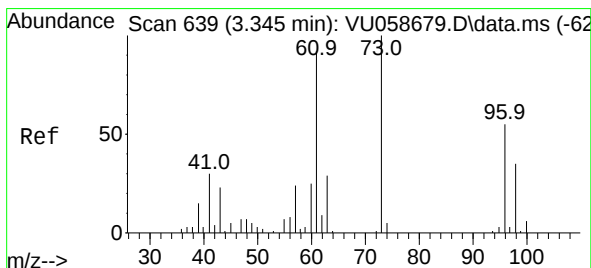
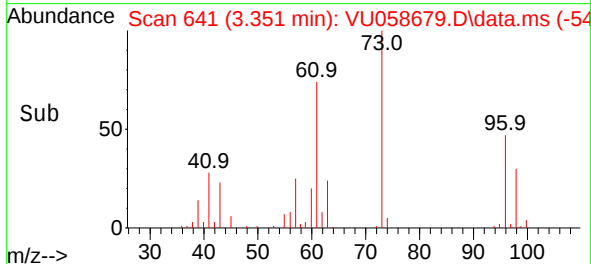
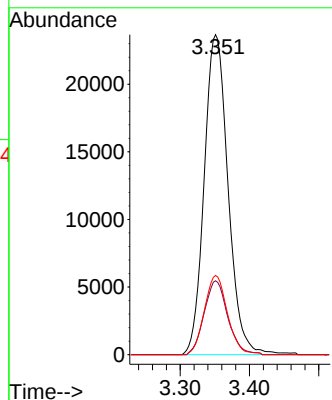
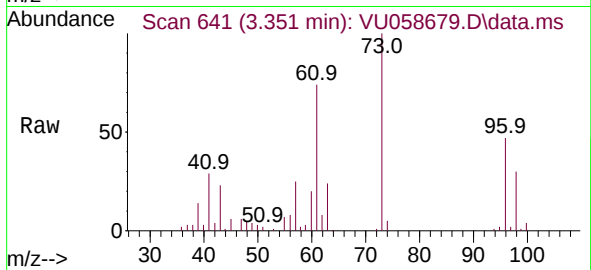




#17
Methyl tert-butyl Ether
Concen: 4.739 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.000 min
Lab File: VU058679.D
Acq: 15 Apr 2024 09:45

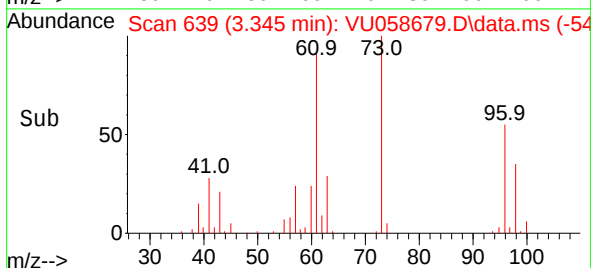
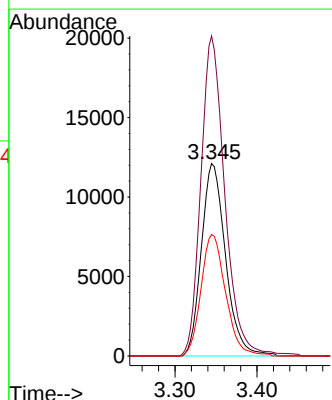
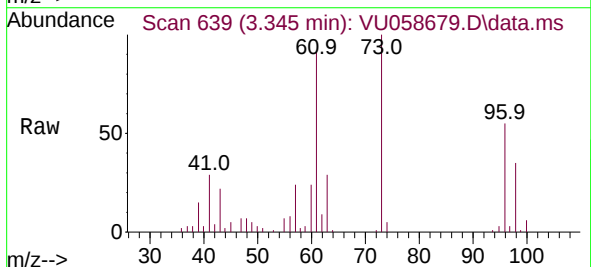
Instrument :
MSVOA_U
ClientSampleId :

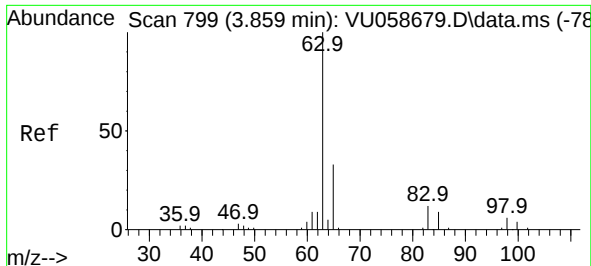
Tgt Ion: 73 Resp: 56566
Ion Ratio Lower Upper
73 100
43 22.9 17.4 26.2
57 23.9 18.6 27.8



#18
trans-1,2-Dichloroethene
Concen: 4.690 ug/L
RT: 3.345 min Scan# 639
Delta R.T. 0.000 min
Lab File: VU058679.D
Acq: 15 Apr 2024 09:45

Tgt Ion: 96 Resp: 24841
Ion Ratio Lower Upper
96 100
61 166.2 107.6 199.8
98 63.1 45.1 83.7

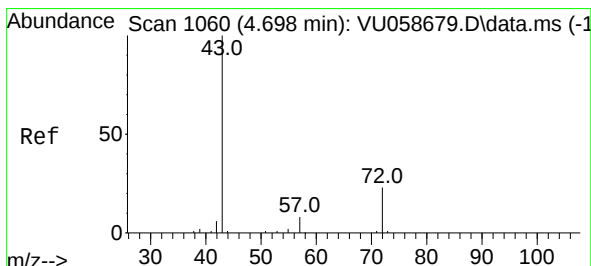
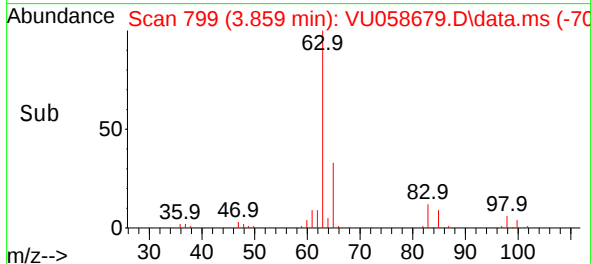
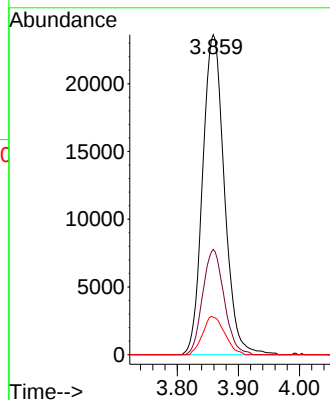
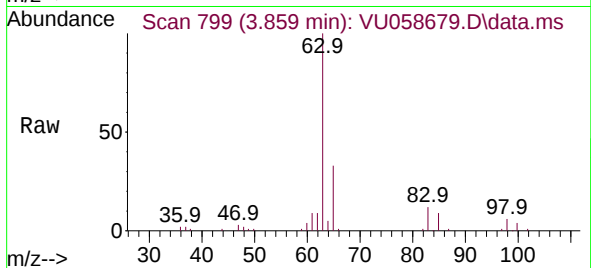




#19
1,1-Dichloroethane
Concen: 5.048 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU058679.D
Acq: 15 Apr 2024 09:45

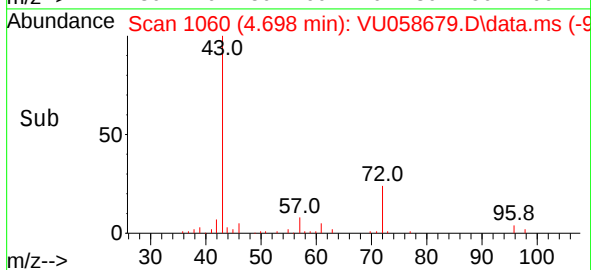
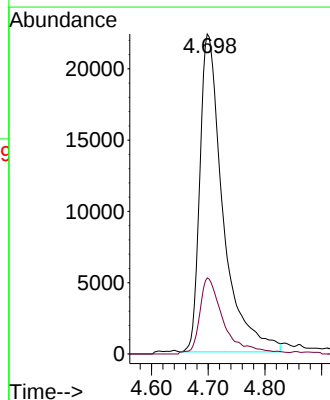
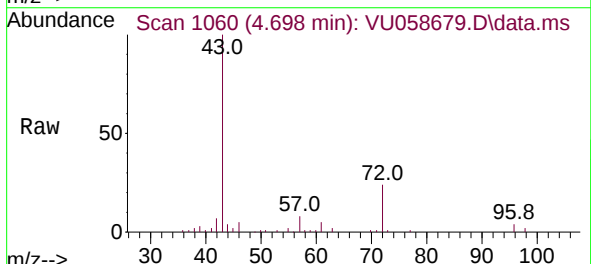
Instrument :
MSVOA_U
ClientSampleId :

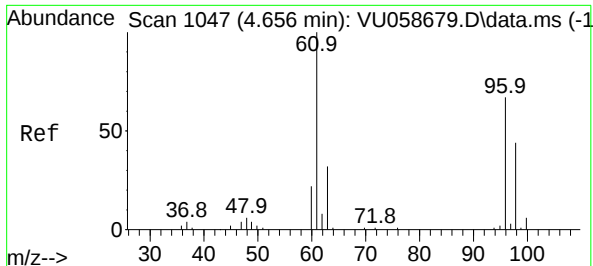
Tgt Ion:	63	Resp:	58351
Ion Ratio	Lower	Upper	
63	100		
65	32.9	22.9	42.5
83	11.7	9.6	17.8



#21
2-Butanone
Concen: 49.861 ug/L
RT: 4.698 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VU058679.D
Acq: 15 Apr 2024 09:45

Tgt Ion:	43	Resp:	63279
Ion Ratio	Lower	Upper	
43	100		
72	24.5	11.7	35.0

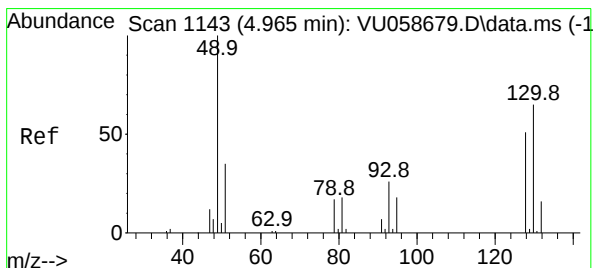
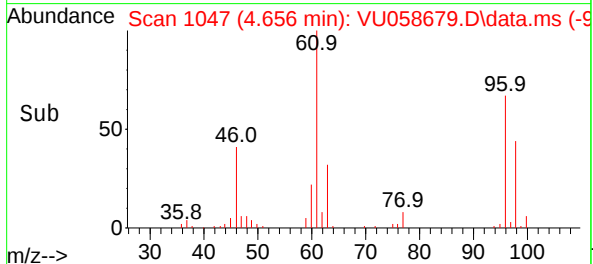
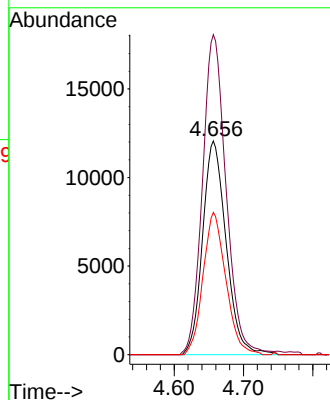
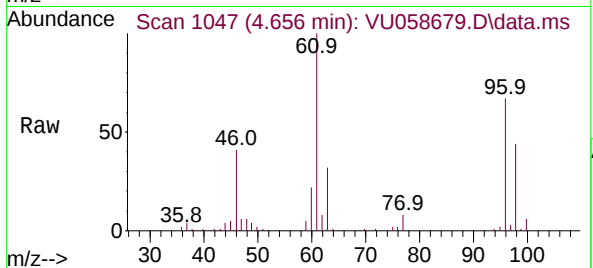




#22
 cis-1,2-Dichloroethene
 Concen: 4.793 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU058679.D
 Acq: 15 Apr 2024 09:45

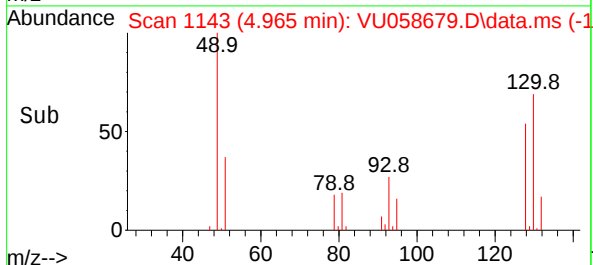
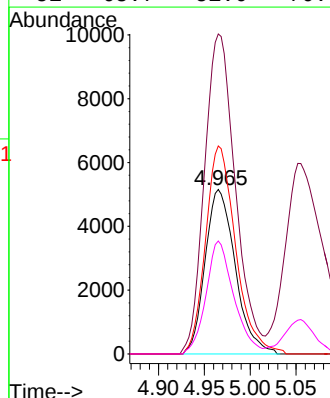
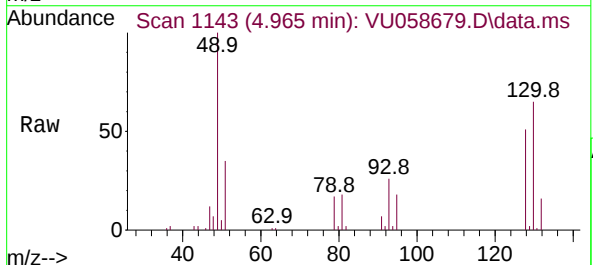
Instrument :
 MSVOA_U
 ClientSampleId :

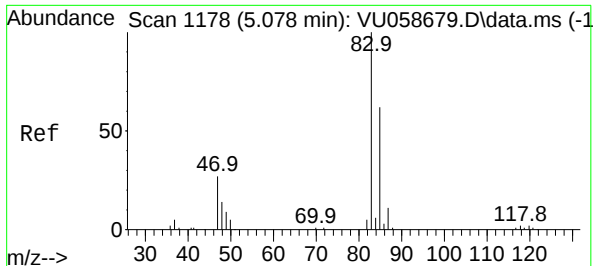
Tgt Ion:	96	Resp:	28505
Ion	Ratio	Lower	Upper
96	100		
61	149.7	98.1	182.3
98	66.6	43.6	81.0



#23
 Bromochloromethane
 Concen: 5.031 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. 0.000 min
 Lab File: VU058679.D
 Acq: 15 Apr 2024 09:45

Tgt Ion:	128	Resp:	11788
Ion	Ratio	Lower	Upper
128	100		
49	194.6	134.4	249.6
130	126.4	90.0	167.2
51	68.7	51.0	76.6

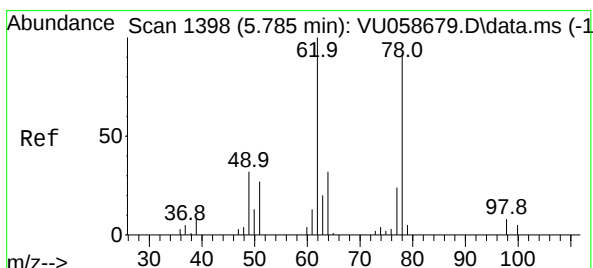
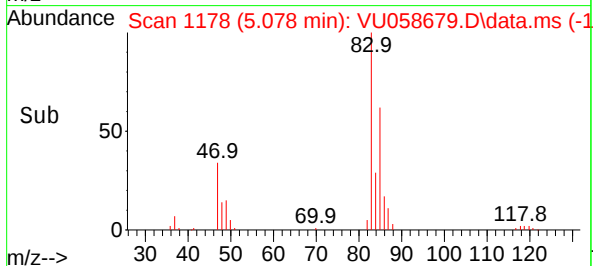
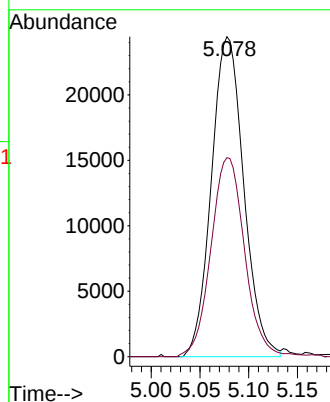
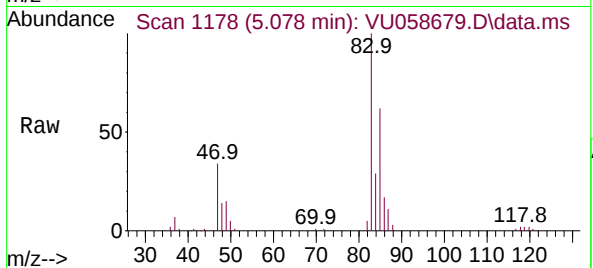




#25
Chloroform
Concen: 5.049 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VU058679.D
Acq: 15 Apr 2024 09:45

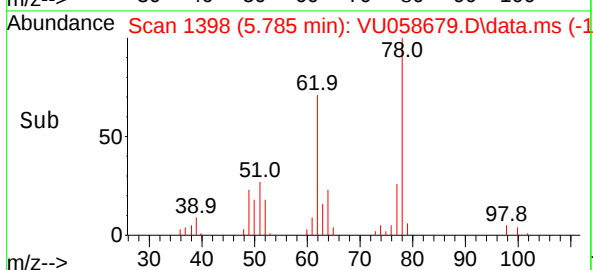
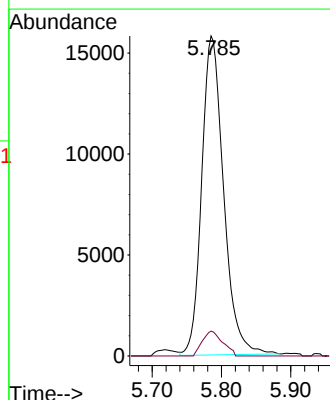
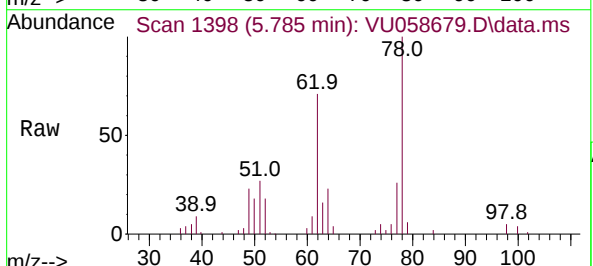
Instrument :
MSVOA_U
ClientSampleId :

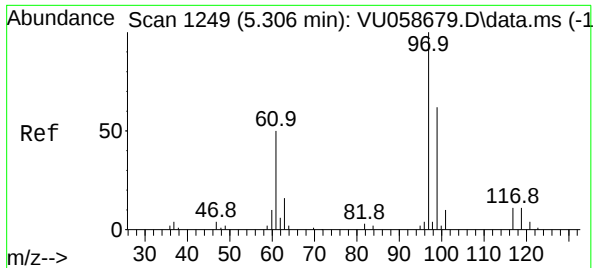
Tgt Ion: 83 Resp: 56490
Ion Ratio Lower Upper
83 100
85 62.2 44.7 83.1



#27
1,2-Dichloroethane
Concen: 5.092 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VU058679.D
Acq: 15 Apr 2024 09:45

Tgt Ion: 62 Resp: 34694
Ion Ratio Lower Upper
62 100
98 7.8 7.0 10.4

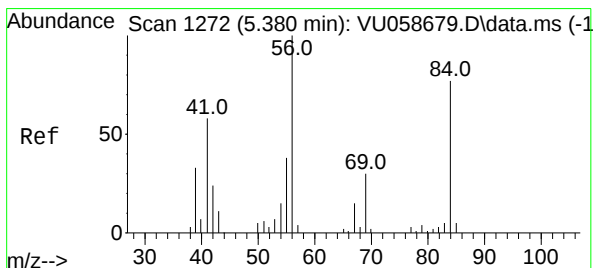
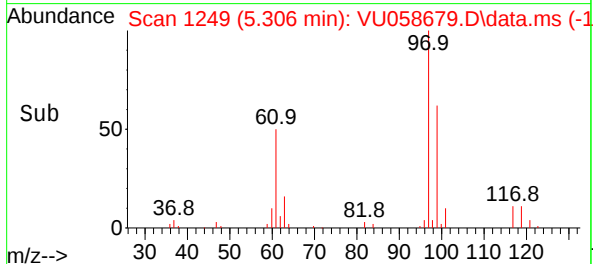
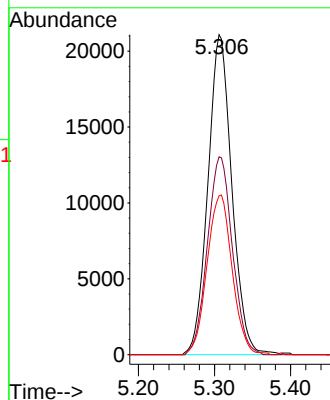
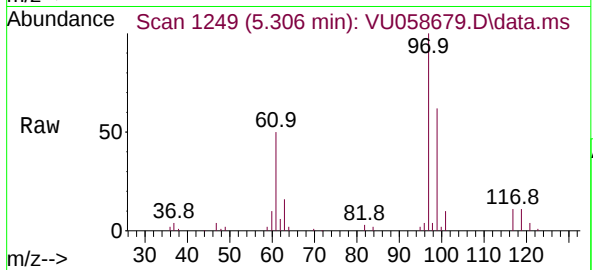




#29
1,1,1-Trichloroethane
Concen: 5.094 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU058679.D
Acq: 15 Apr 2024 09:45

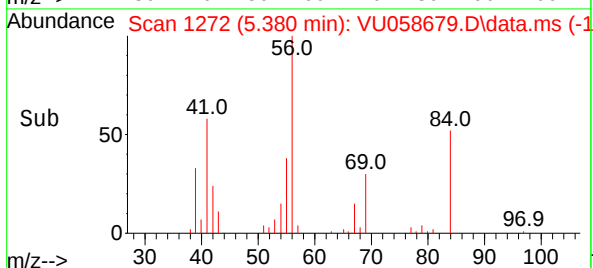
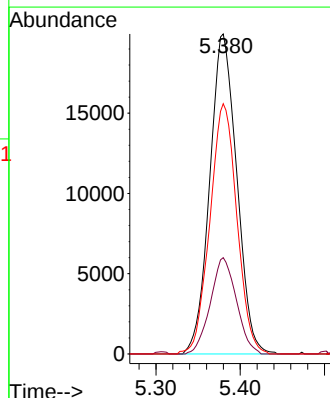
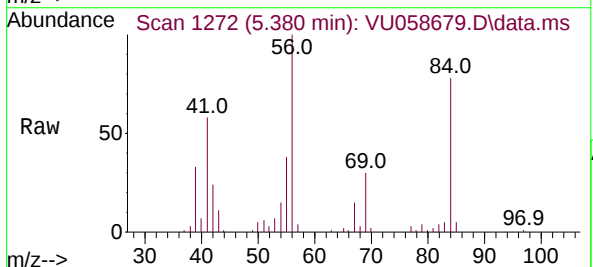
Instrument :
MSVOA_U
ClientSampleId :

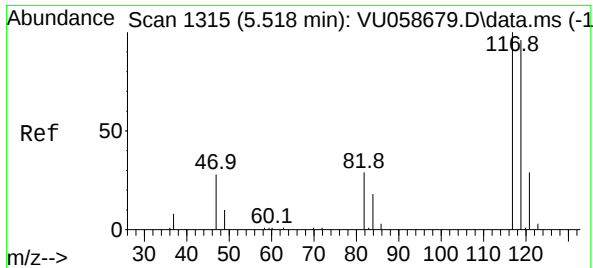
Tgt Ion:	97	Resp:	46175
Ion	Ratio	Lower	Upper
97	100		
99	64.4	50.4	75.6
61	52.3	39.4	59.0



#30
Cyclohexane
Concen: 4.636 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU058679.D
Acq: 15 Apr 2024 09:45

Tgt Ion:	56	Resp:	44378
Ion	Ratio	Lower	Upper
56	100		
69	29.0	23.2	34.8
84	78.1	63.3	94.9

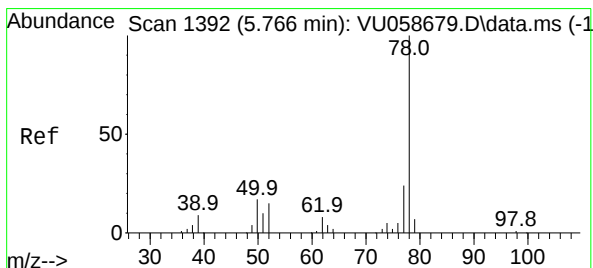
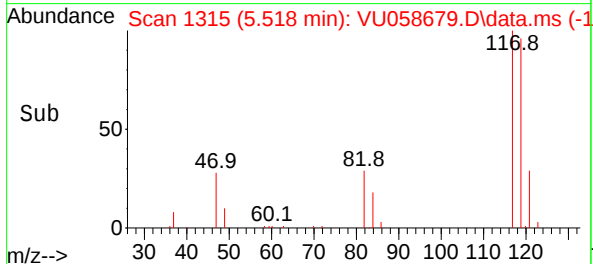
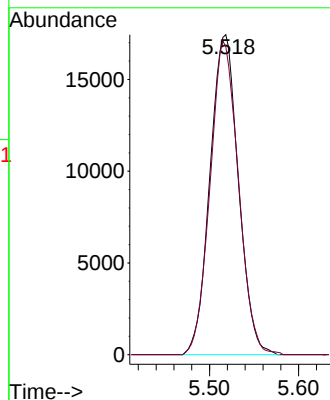
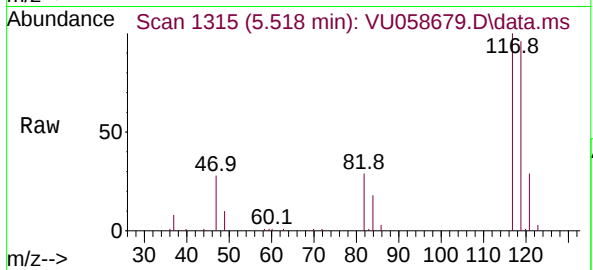




#31
Carbon tetrachloride
Concen: 5.039 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU058679.D
Acq: 15 Apr 2024 09:45

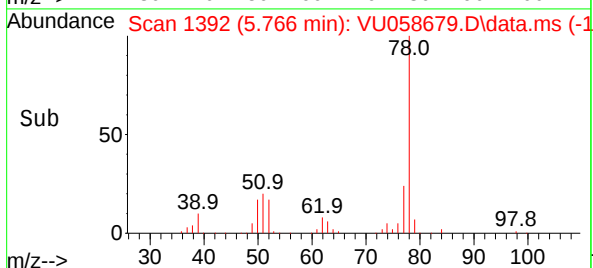
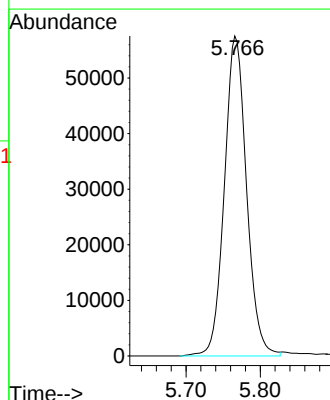
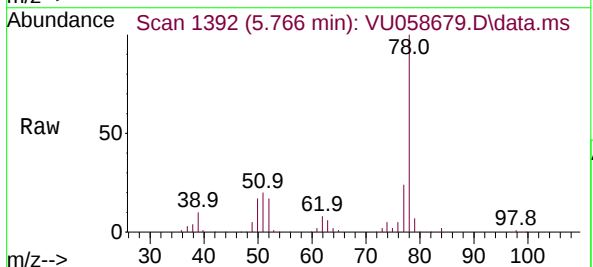
Instrument :
MSVOA_U
ClientSampleId :

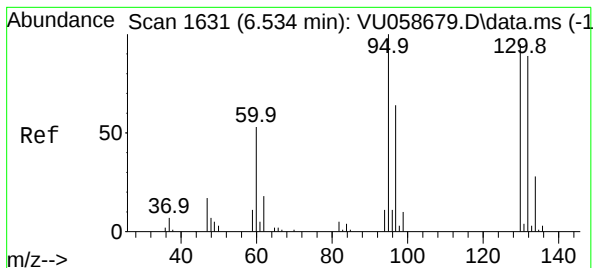
Tgt Ion:117 Resp: 38680
Ion Ratio Lower Upper
117 100
119 97.6 76.7 115.1



#33
Benzene
Concen: 4.873 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU058679.D
Acq: 15 Apr 2024 09:45

Tgt Ion: 78 Resp: 119427





#34

Trichloroethene

Concen: 4.765 ug/L

RT: 6.534 min Scan# 1

Delta R.T. 0.000 min

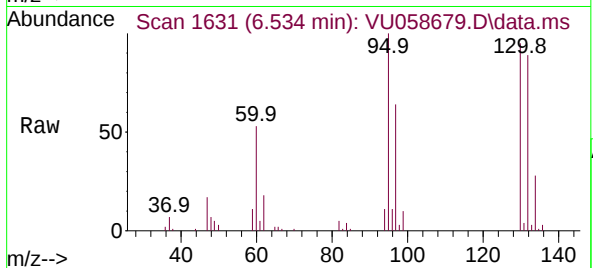
Lab File: VU058679.D

Acq: 15 Apr 2024 09:45

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 29440

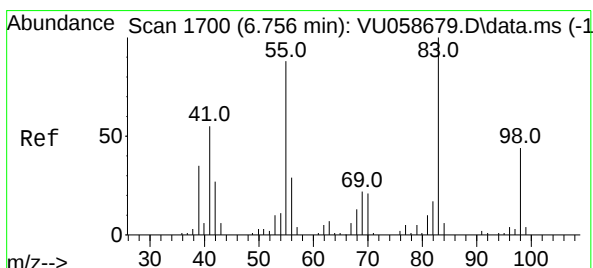
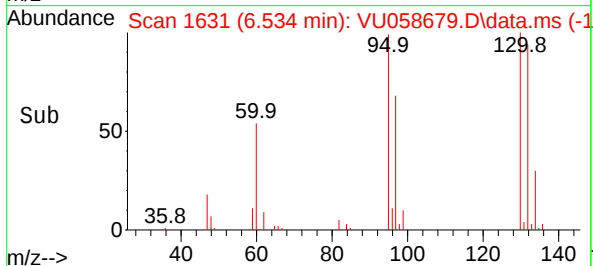
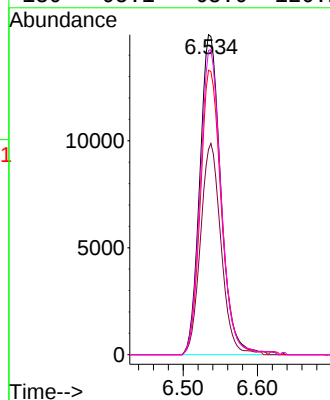
Ion Ratio Lower Upper

95 100

97 64.2 45.6 84.6

132 88.9 64.8 120.3

130 95.1 68.0 126.2



#35

Methylcyclohexane

Concen: 4.632 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VU058679.D

Acq: 15 Apr 2024 09:45

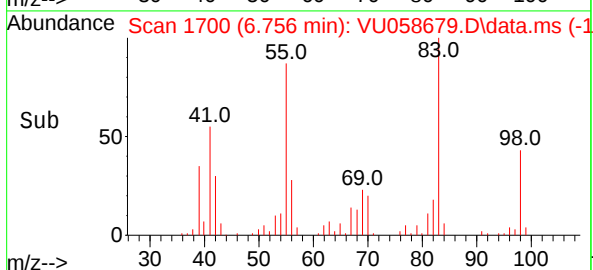
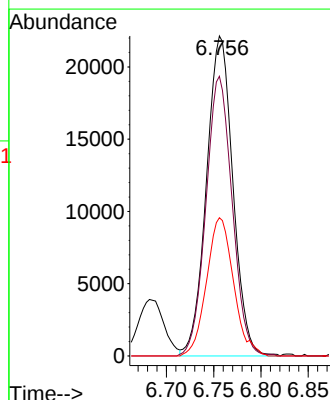
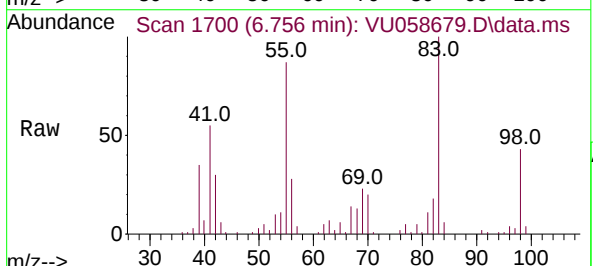
Tgt Ion: 83 Resp: 43109

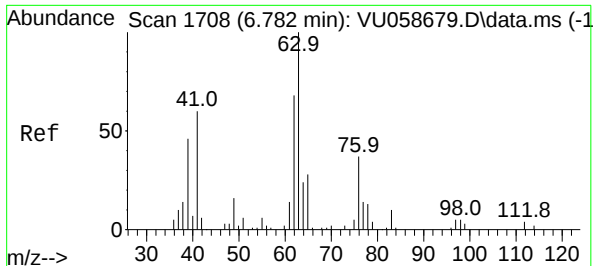
Ion Ratio Lower Upper

83 100

55 86.7 66.2 99.4

98 44.1 34.6 52.0

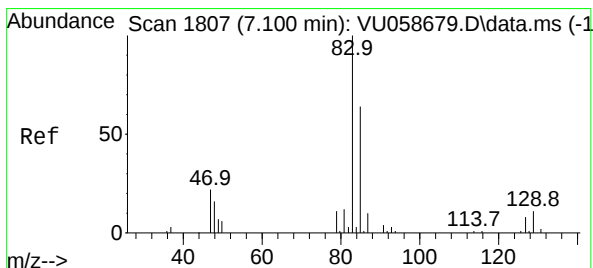
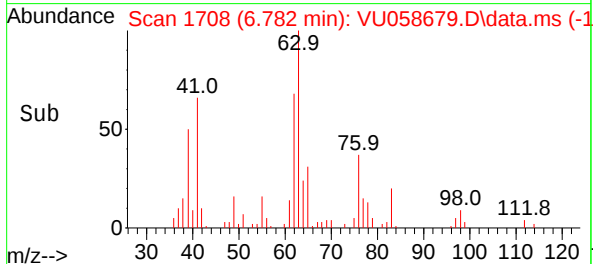
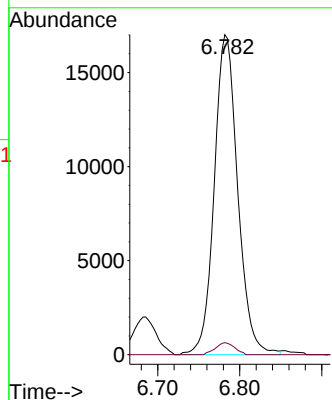
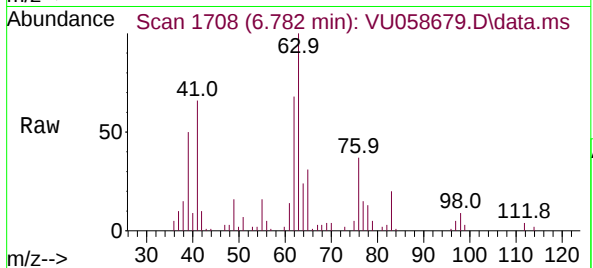




#37
1,2-Dichloropropane
Concen: 5.247 ug/L
RT: 6.782 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VU058679.D
Acq: 15 Apr 2024 09:45

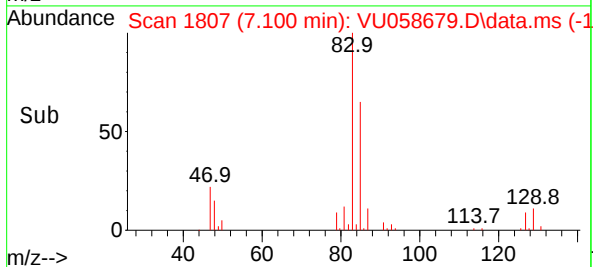
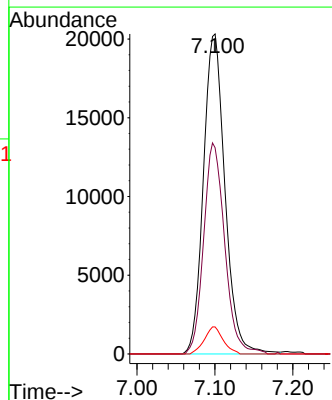
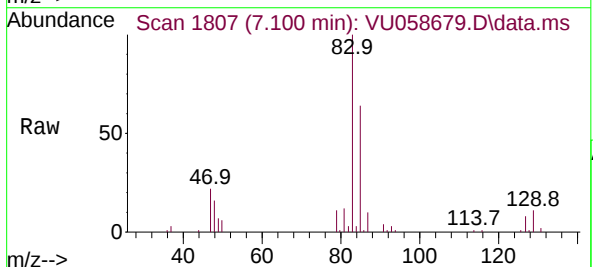
Instrument :
MSVOA_U
ClientSampleId :

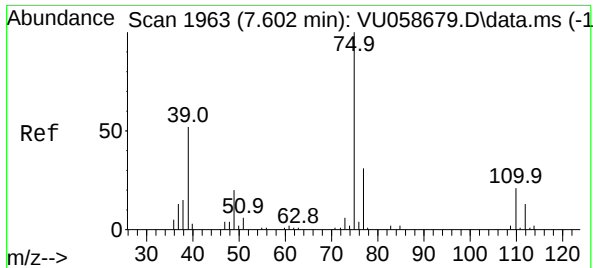
Tgt Ion: 63 Resp: 33832
Ion Ratio Lower Upper
63 100
112 3.1 2.6 4.0



#38
Bromodichloromethane
Concen: 5.308 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VU058679.D
Acq: 15 Apr 2024 09:45

Tgt Ion: 83 Resp: 39068
Ion Ratio Lower Upper
83 100
85 64.5 44.2 82.2
127 8.4 6.5 9.7

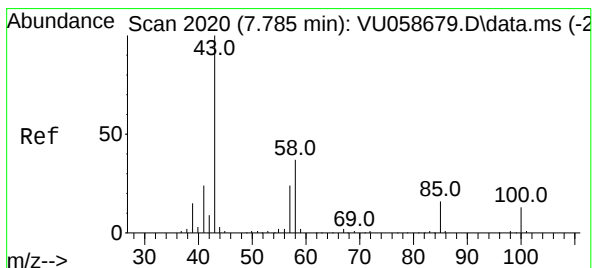
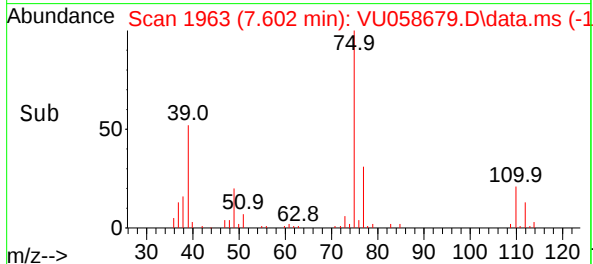
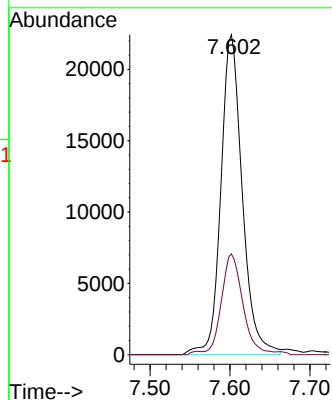
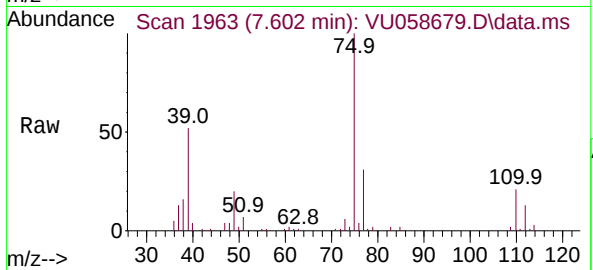




#39
 cis-1,3-Dichloropropene
 Concen: 5.076 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU058679.D
 Acq: 15 Apr 2024 09:45

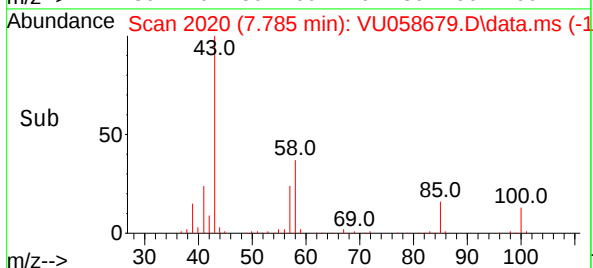
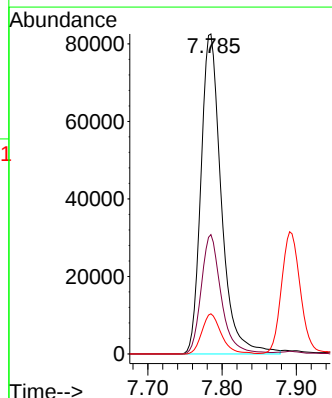
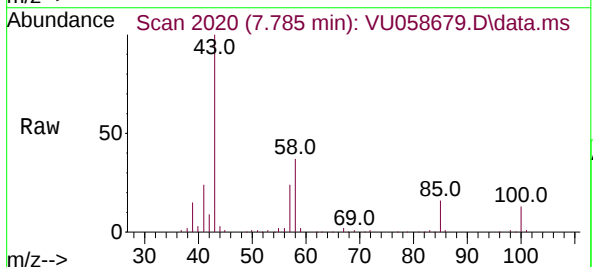
Instrument :
 MSVOA_U
 ClientSampleId :

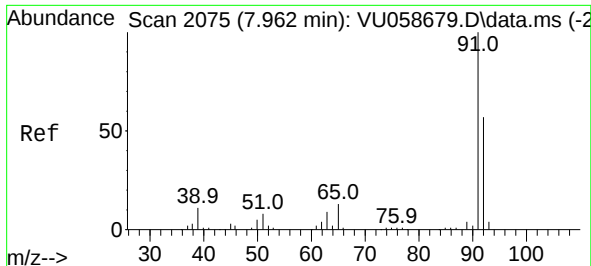
Tgt Ion: 75 Resp: 41621
 Ion Ratio Lower Upper
 75 100
 77 31.5 22.7 42.3



#40
 4-Methyl-2-pentanone
 Concen: 51.879 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. 0.000 min
 Lab File: VU058679.D
 Acq: 15 Apr 2024 09:45

Tgt Ion: 43 Resp: 157457
 Ion Ratio Lower Upper
 43 100
 58 36.7 30.4 45.6
 100 12.0 10.3 15.5





#42

Toluene

Concen: 4.929 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU058679.D

Acq: 15 Apr 2024 09:45

Instrument :

MSVOA_U

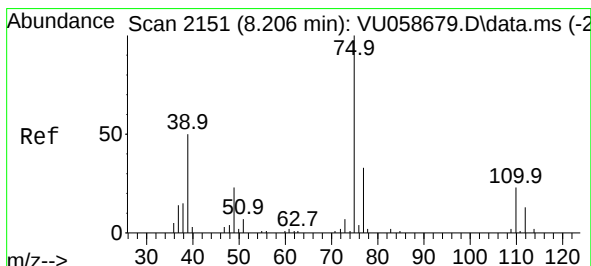
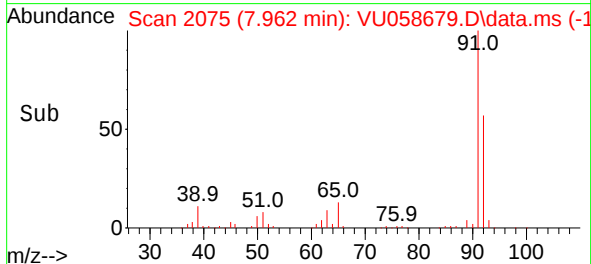
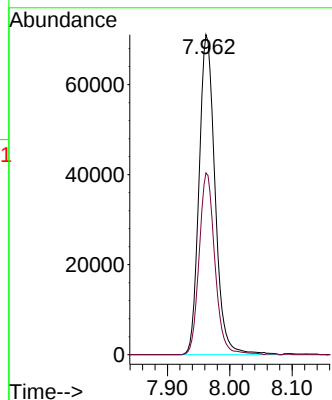
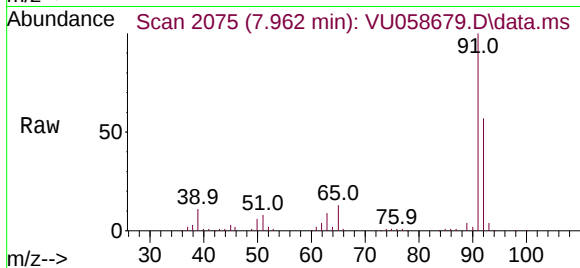
ClientSampleId :

Tgt Ion: 91 Resp: 126713

Ion Ratio Lower Upper

91 100

92 56.8 39.5 73.3



#44

trans-1,3-Dichloropropene

Concen: 5.371 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU058679.D

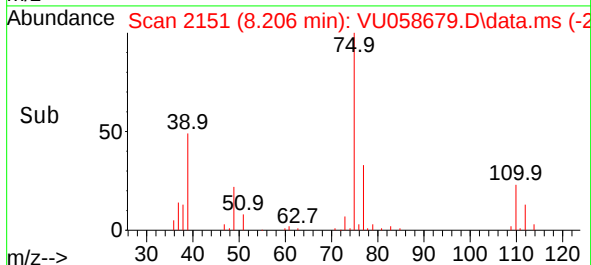
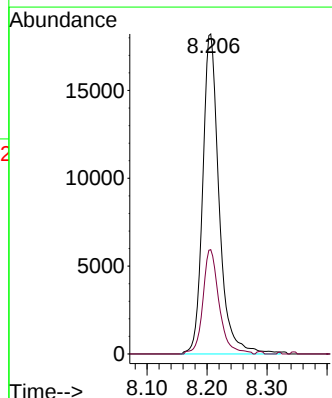
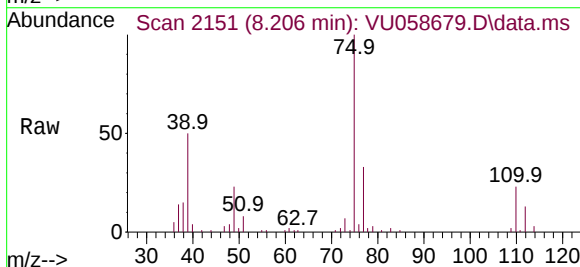
Acq: 15 Apr 2024 09:45

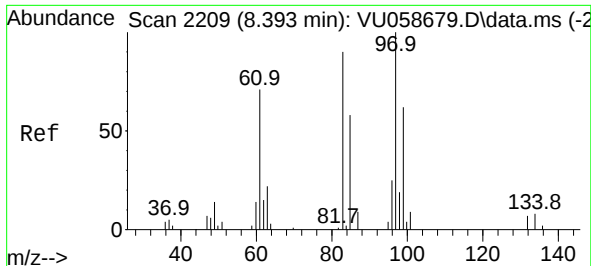
Tgt Ion: 75 Resp: 34733

Ion Ratio Lower Upper

75 100

77 32.6 22.2 41.2

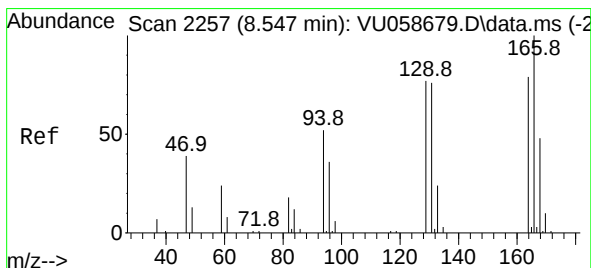
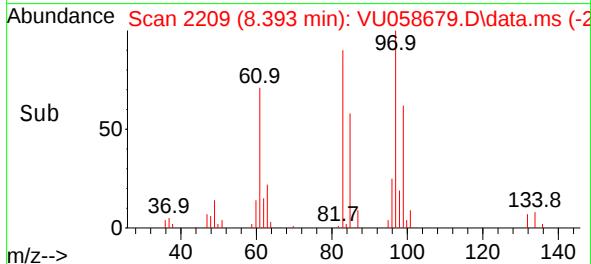
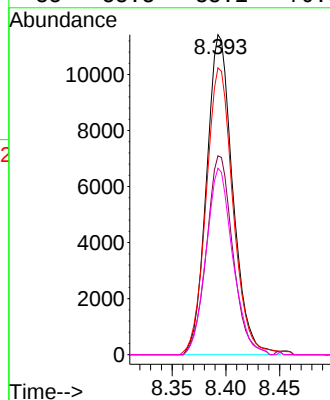
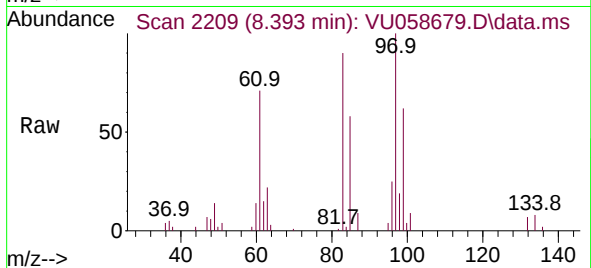




#45
1,1,2-Trichloroethane
Concen: 5.139 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU058679.D
Acq: 15 Apr 2024 09:45

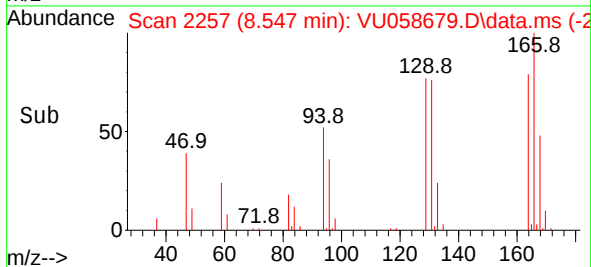
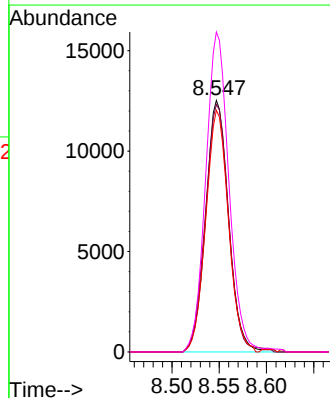
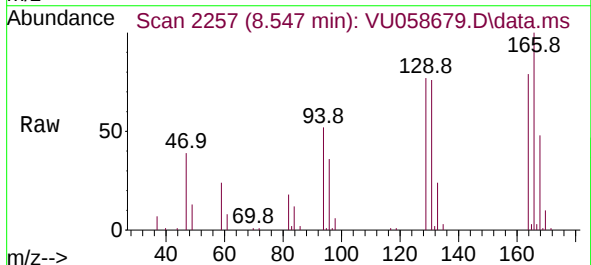
Instrument :
MSVOA_U
ClientSampleId :

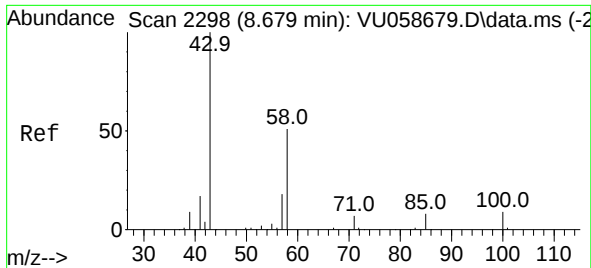
Tgt Ion:	97	Resp:	19352
Ion	Ratio	Lower	Upper
97	100		
99	62.2	43.7	81.1
83	89.7	64.5	119.7
85	58.3	38.1	70.9



#47
Tetrachloroethene
Concen: 4.649 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU058679.D
Acq: 15 Apr 2024 09:45

Tgt Ion:	164	Resp:	21055
Ion	Ratio	Lower	Upper
164	100		
129	98.3	67.3	125.1
131	96.1	65.5	121.6
166	127.2	89.5	166.1





#48

2-Hexanone

Concen: 55.441 ug/L

RT: 8.679 min Scan# 2298

Delta R.T. 0.000 min

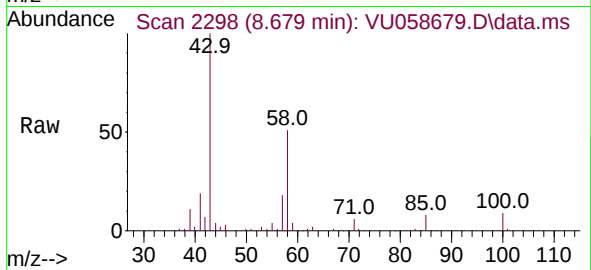
Lab File: VU058679.D

Acq: 15 Apr 2024 09:45

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 119455

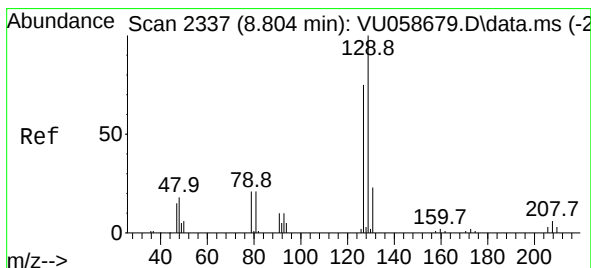
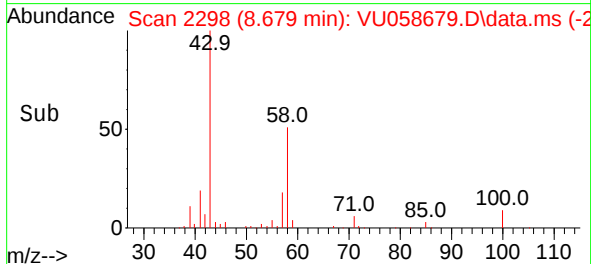
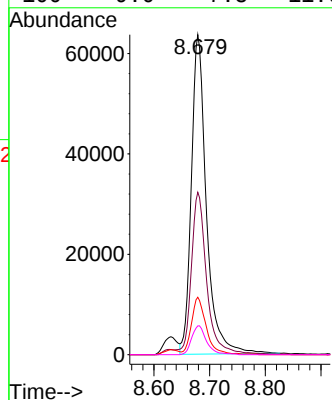
Ion Ratio Lower Upper

43 100

58 51.4 43.2 64.8

57 16.8 15.4 23.0

100 9.0 7.8 11.6



#49

Dibromochloromethane

Concen: 5.196 ug/L

RT: 8.804 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VU058679.D

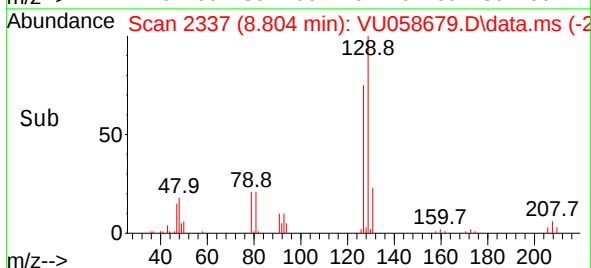
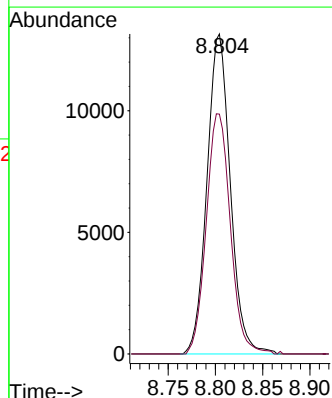
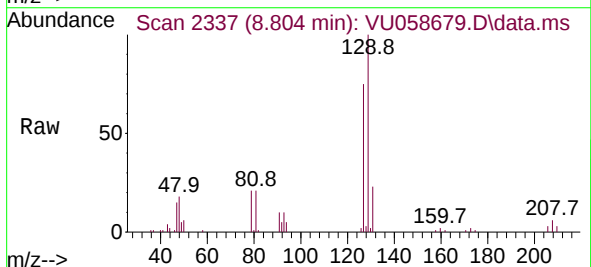
Acq: 15 Apr 2024 09:45

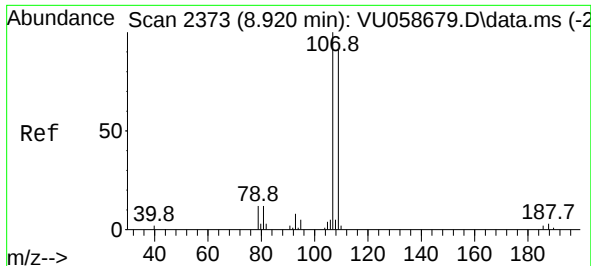
Tgt Ion: 129 Resp: 22621

Ion Ratio Lower Upper

129 100

127 75.0 53.5 99.5

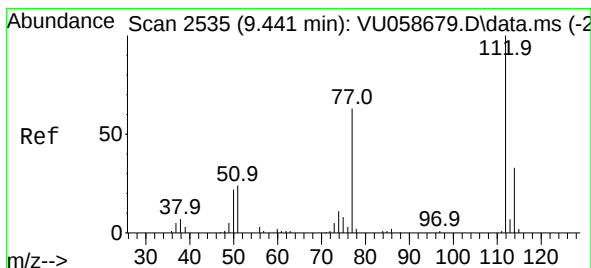
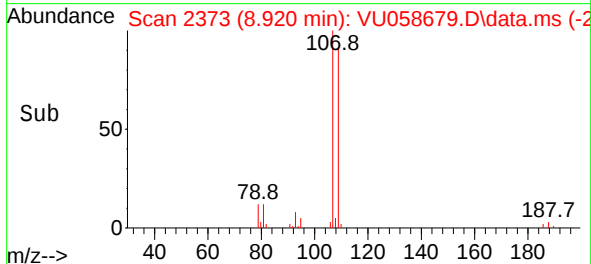
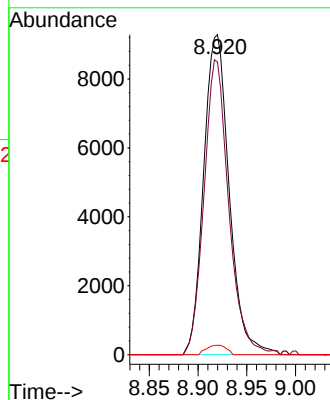
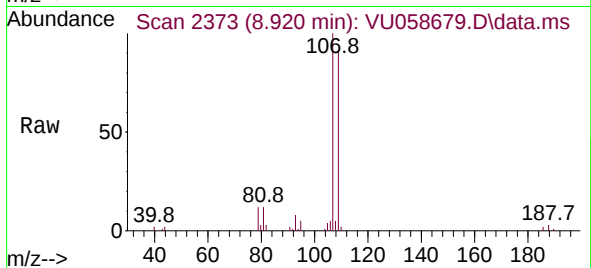




#50
1,2-Dibromoethane
Concen: 4.922 ug/L
RT: 8.920 min Scan# 2373
Delta R.T. 0.000 min
Lab File: VU058679.D
Acq: 15 Apr 2024 09:45

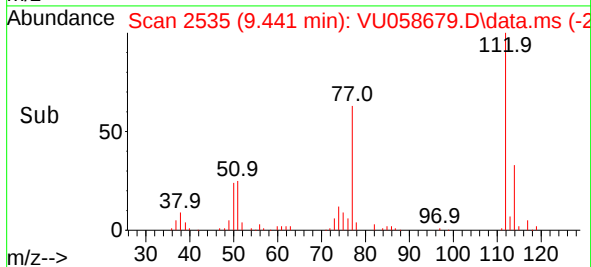
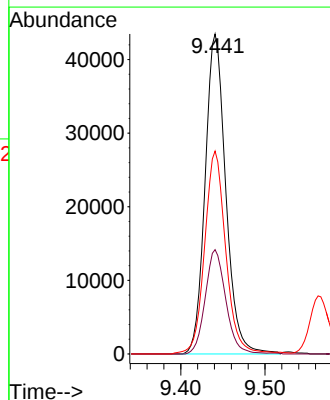
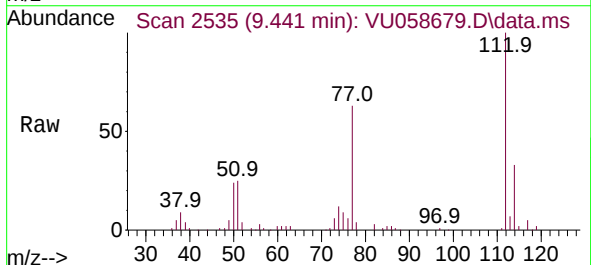
Instrument :
MSVOA_U
ClientSampleId :

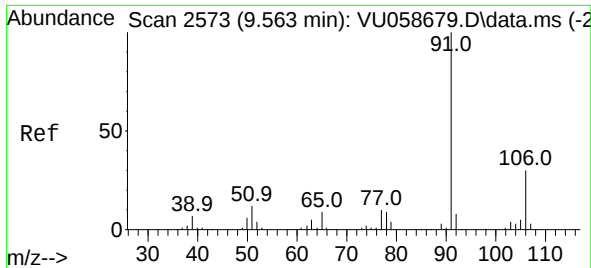
Tgt Ion:107 Resp: 16952
Ion Ratio Lower Upper
107 100
109 91.4 67.3 124.9
188 3.0 2.5 3.7



#51
Chlorobenzene
Concen: 4.778 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU058679.D
Acq: 15 Apr 2024 09:45

Tgt Ion:112 Resp: 74314
Ion Ratio Lower Upper
112 100
114 32.6 22.4 41.6
77 63.4 50.1 75.1

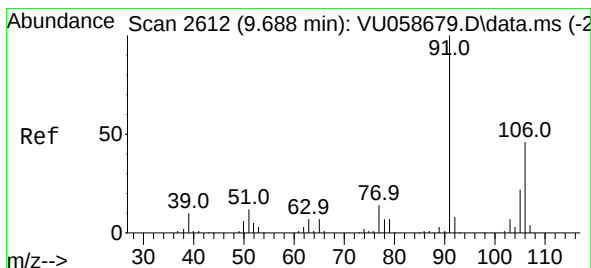
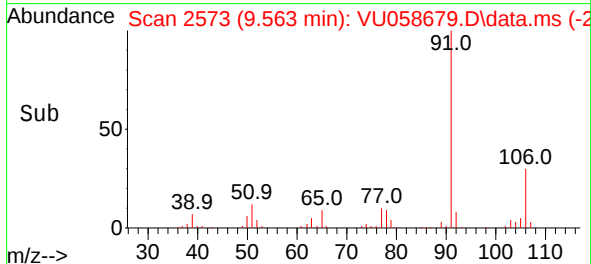
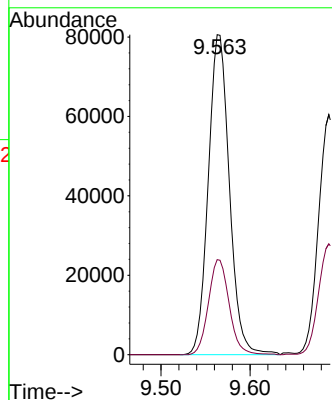
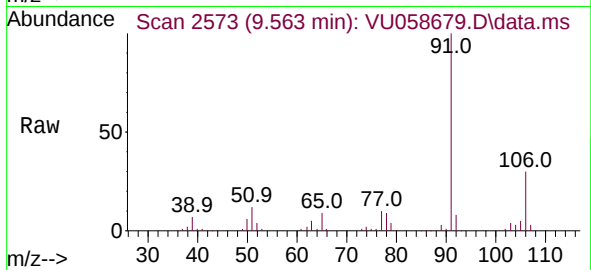




#52
Ethylbenzene
Concen: 4.870 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU058679.D
Acq: 15 Apr 2024 09:45

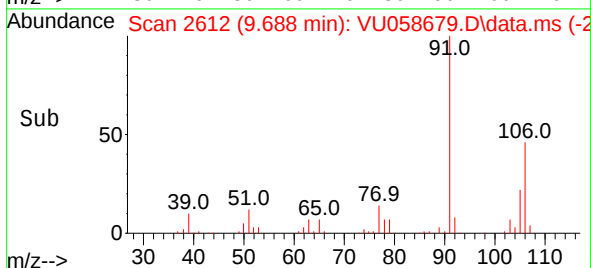
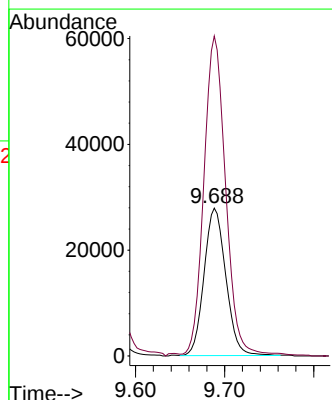
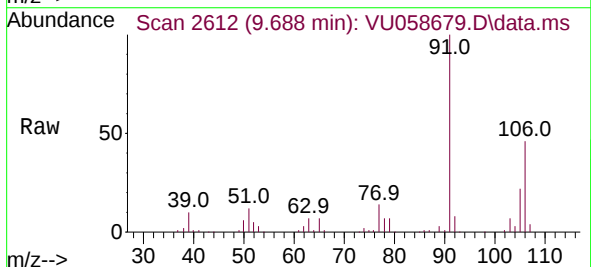
Instrument :
MSVOA_U
ClientSampleId :

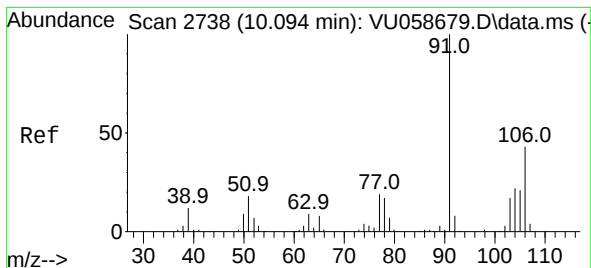
Tgt Ion: 91 Resp: 132638
Ion Ratio Lower Upper
91 100
106 29.7 20.6 38.4



#53
m,p-Xylene
Concen: 4.838 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU058679.D
Acq: 15 Apr 2024 09:45

Tgt Ion:106 Resp: 47179
Ion Ratio Lower Upper
106 100
91 216.5 147.8 274.4





#54

o-Xylene

Concen: 4.777 ug/L

RT: 10.094 min Scan# 2738

Delta R.T. 0.000 min

Lab File: VU058679.D

Acq: 15 Apr 2024 09:45

Instrument :

MSVOA_U

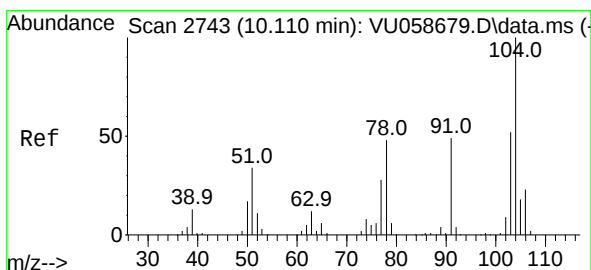
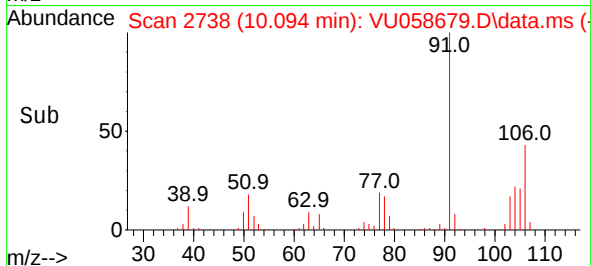
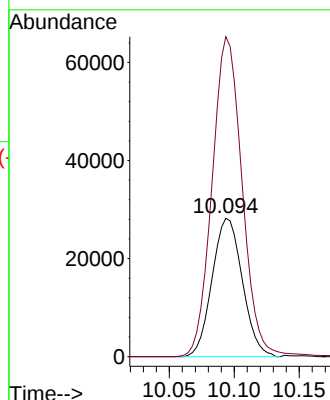
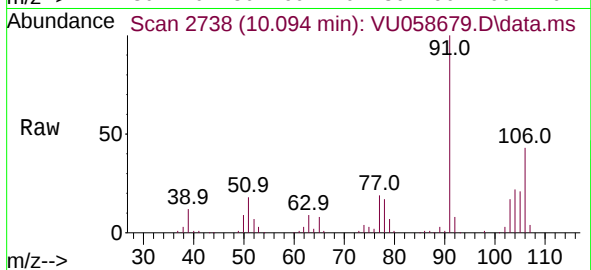
ClientSampleId :

Tgt Ion:106 Resp: 45676

Ion Ratio Lower Upper

106 100

91 231.1 156.9 291.5



#55

Styrene

Concen: 5.015 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. 0.000 min

Lab File: VU058679.D

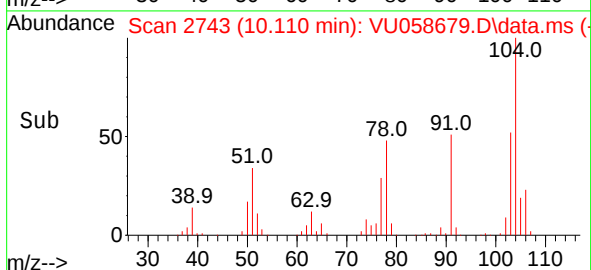
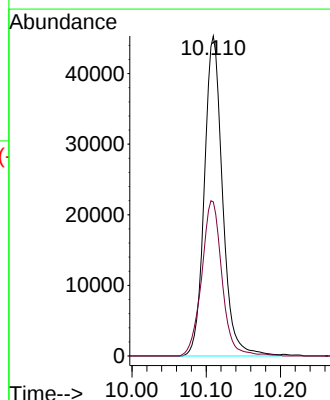
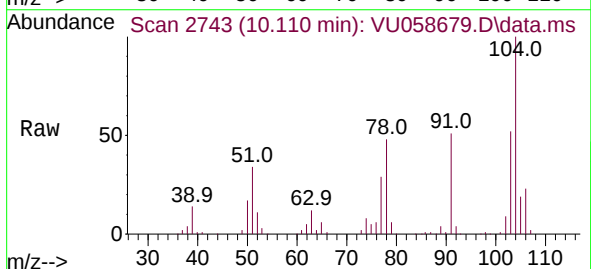
Acq: 15 Apr 2024 09:45

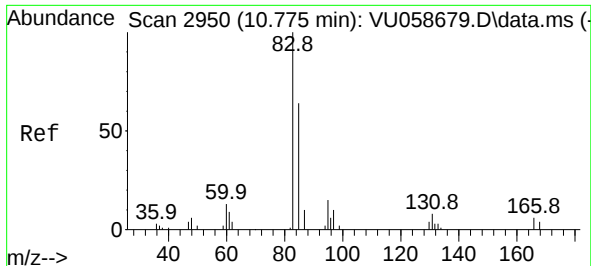
Tgt Ion:104 Resp: 77148

Ion Ratio Lower Upper

104 100

78 48.1 33.9 63.0





#57

1,1,2,2-Tetrachloroethane

Concen: 5.193 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU058679.D

Acq: 15 Apr 2024 09:45

Instrument :

MSVOA_U

ClientSampleId :

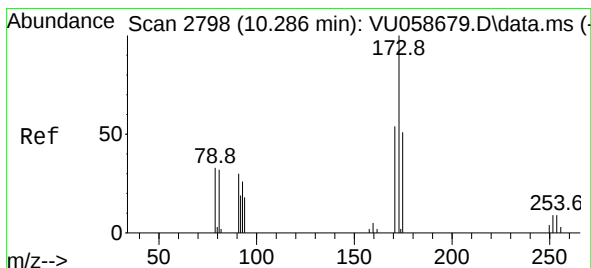
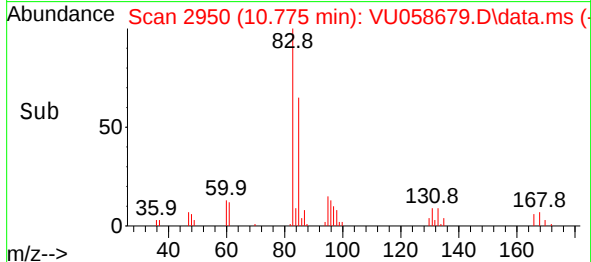
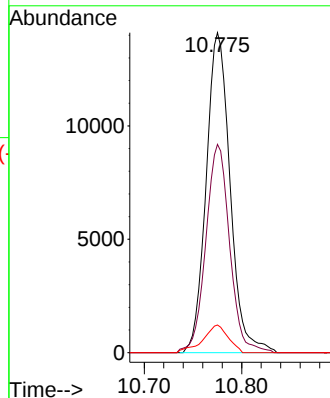
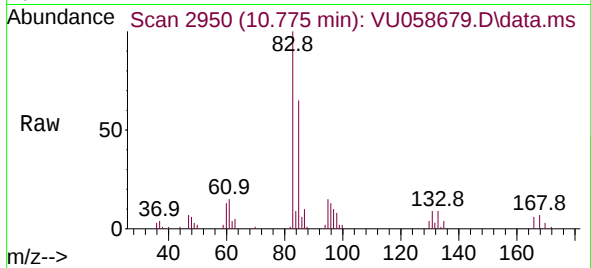
Tgt Ion: 83 Resp: 24125

Ion Ratio Lower Upper

83 100

85 65.1 45.1 83.7

131 8.7 6.9 10.3



#59

Bromoform

Concen: 5.119 ug/L

RT: 10.286 min Scan# 2798

Delta R.T. 0.000 min

Lab File: VU058679.D

Acq: 15 Apr 2024 09:45

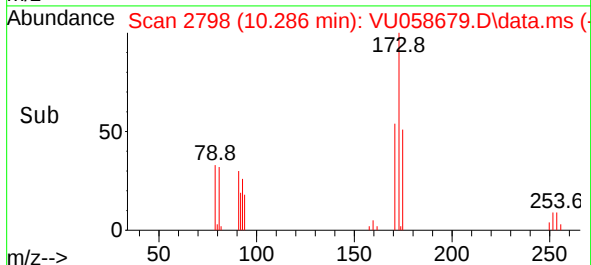
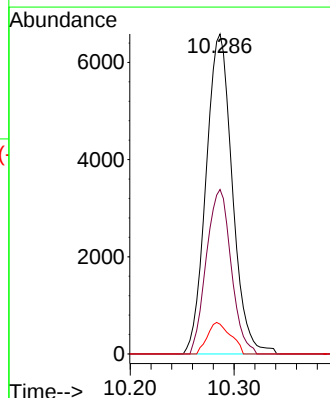
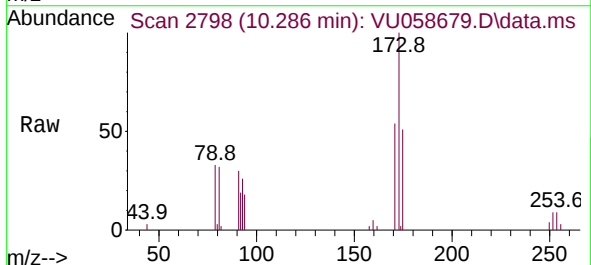
Tgt Ion: 173 Resp: 11542

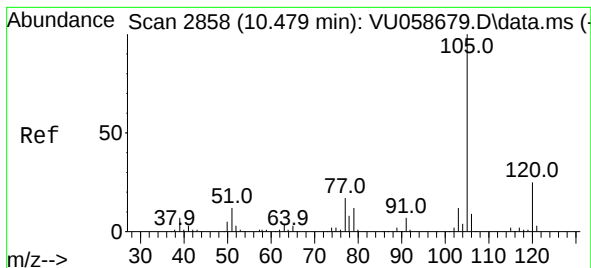
Ion Ratio Lower Upper

173 100

175 48.6 38.0 57.0

254 8.6 7.5 11.3





#60

Isopropylbenzene

Concen: 4.887 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU058679.D

Acq: 15 Apr 2024 09:45

Instrument :

MSVOA_U

ClientSampleId :

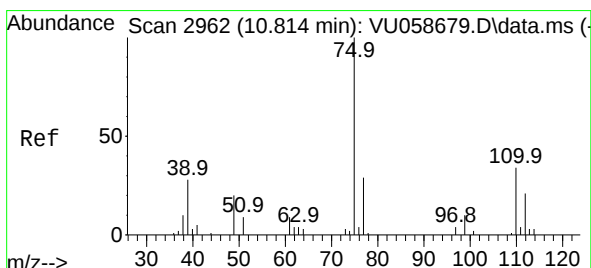
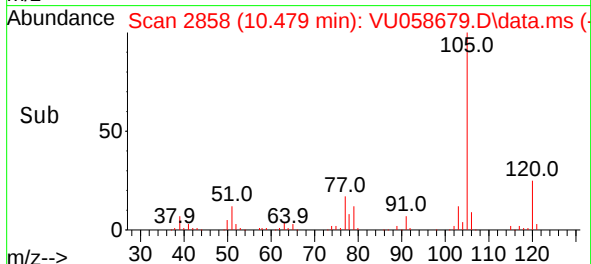
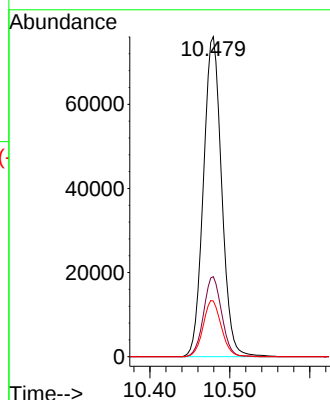
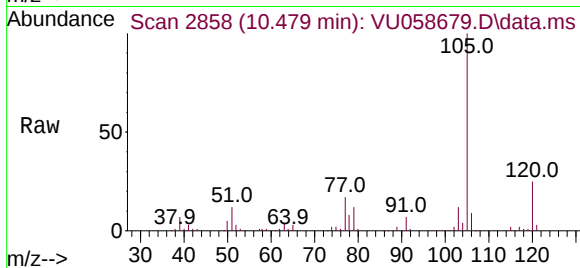
Tgt Ion:105 Resp: 120743

Ion Ratio Lower Upper

105 100

120 24.8 20.2 30.4

77 17.5 13.5 20.3



#61

1,2,3-Trichloropropane

Concen: 4.960 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. 0.000 min

Lab File: VU058679.D

Acq: 15 Apr 2024 09:45

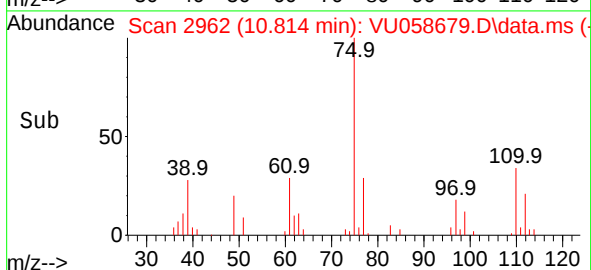
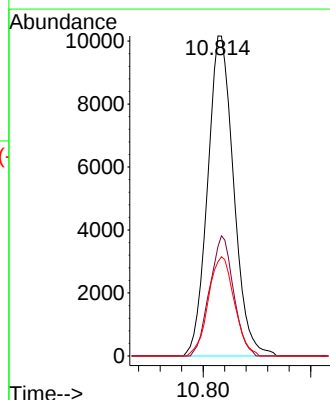
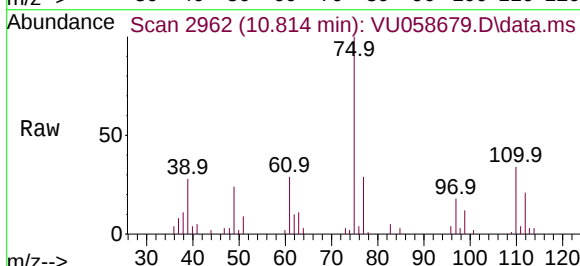
Tgt Ion: 75 Resp: 17080

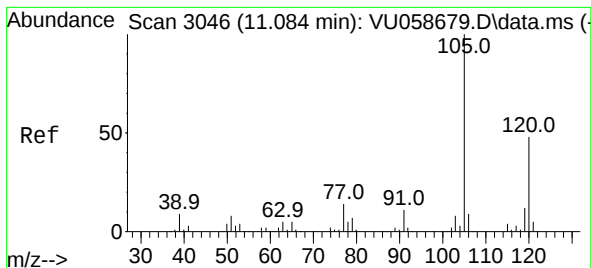
Ion Ratio Lower Upper

75 100

110 34.3 25.8 38.6

77 30.9 25.1 37.7





#62

1,3,5-Trimethylbenzene

Concen: 4.776 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. 0.000 min

Lab File: VU058679.D

Acq: 15 Apr 2024 09:45

Instrument :

MSVOA_U

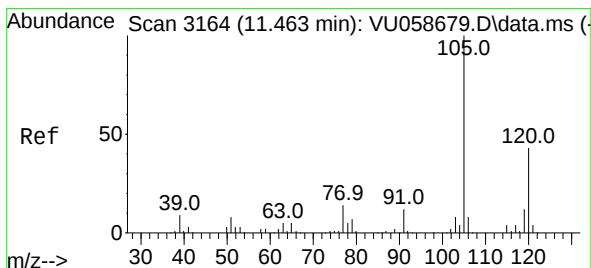
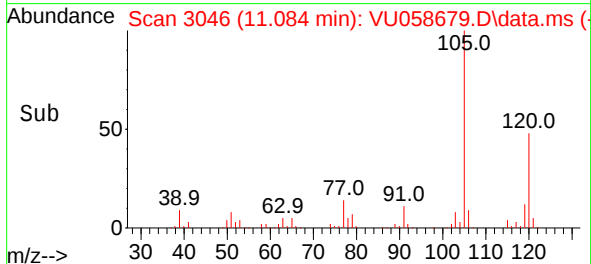
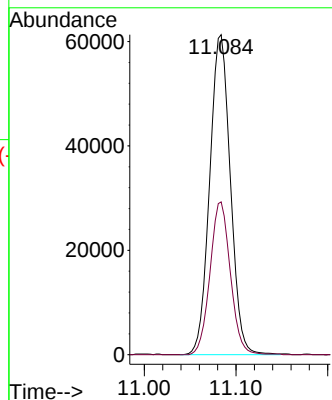
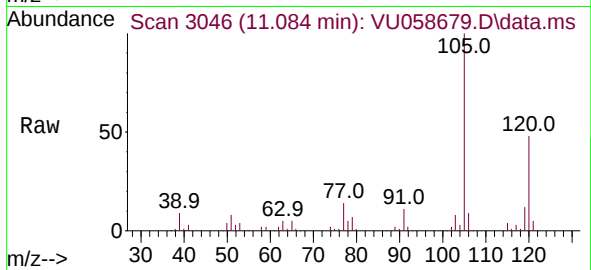
ClientSampleId :

Tgt Ion:105 Resp: 96232

Ion Ratio Lower Upper

105 100

120 46.9 37.2 55.8



#63

1,2,4-Trimethylbenzene

Concen: 4.821 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.000 min

Lab File: VU058679.D

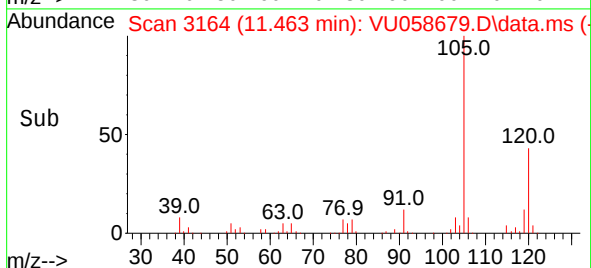
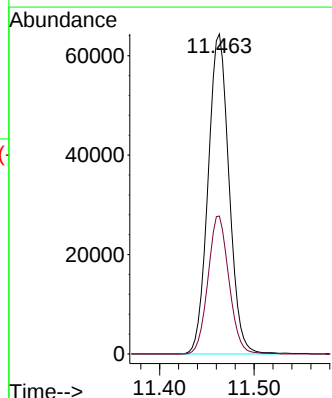
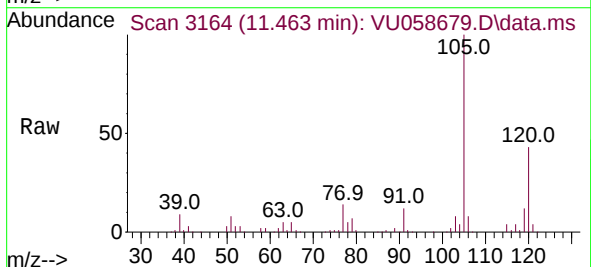
Acq: 15 Apr 2024 09:45

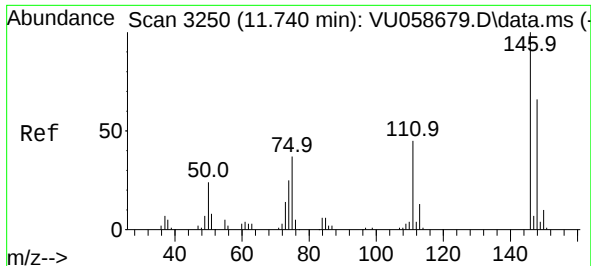
Tgt Ion:105 Resp: 99182

Ion Ratio Lower Upper

105 100

120 43.1 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 4.713 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. 0.000 min

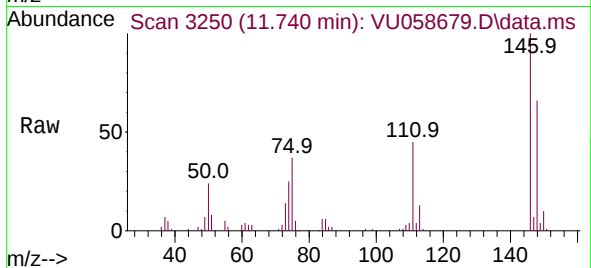
Lab File: VU058679.D

Acq: 15 Apr 2024 09:45

Instrument :

MSVOA_U

ClientSampleId :



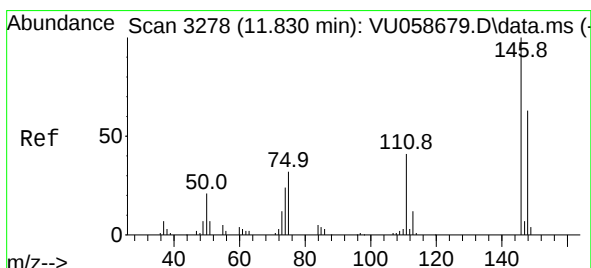
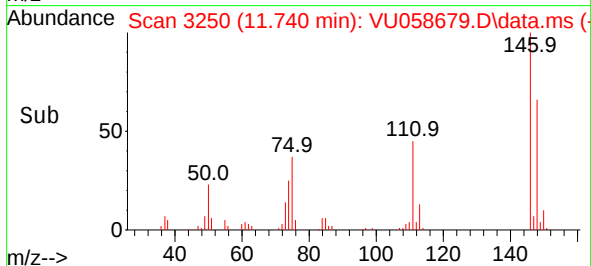
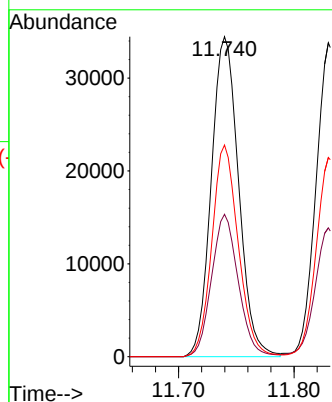
Tgt Ion:146 Resp: 56567

Ion Ratio Lower Upper

146 100

111 44.5 28.8 53.4

148 66.1 44.9 83.3



#65

1,4-Dichlorobenzene

Concen: 4.756 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VU058679.D

Acq: 15 Apr 2024 09:45

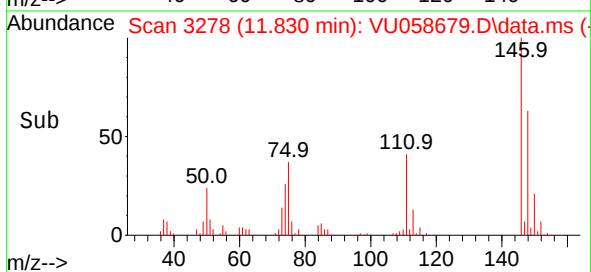
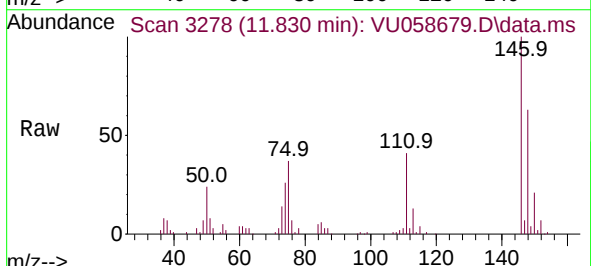
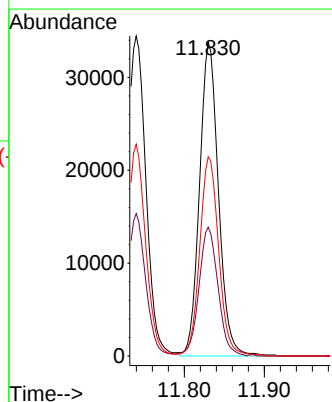
Tgt Ion:146 Resp: 55610

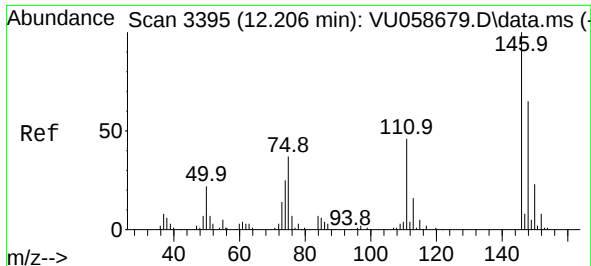
Ion Ratio Lower Upper

146 100

111 41.0 28.8 53.6

148 63.5 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 4.647 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU058679.D

Acq: 15 Apr 2024 09:45

Instrument :

MSVOA_U

ClientSampleId :

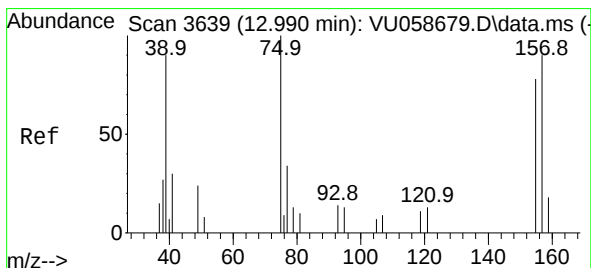
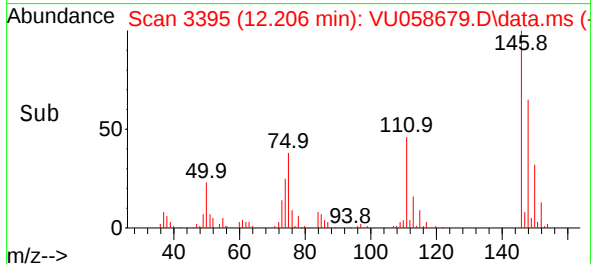
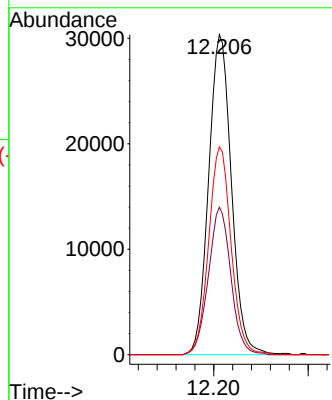
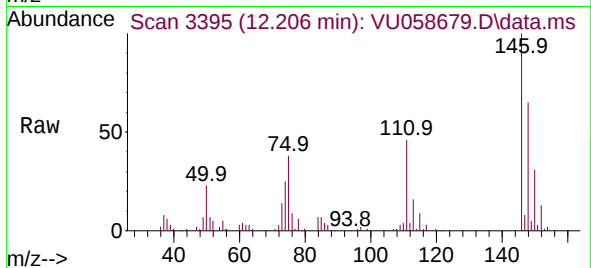
Tgt Ion:146 Resp: 50733

Ion Ratio Lower Upper

146 100

111 46.1 35.0 52.4

148 65.0 52.5 78.7



#68

1,2-Dibromo-3-chloropropane

Concen: 5.418 ug/L

RT: 12.990 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU058679.D

Acq: 15 Apr 2024 09:45

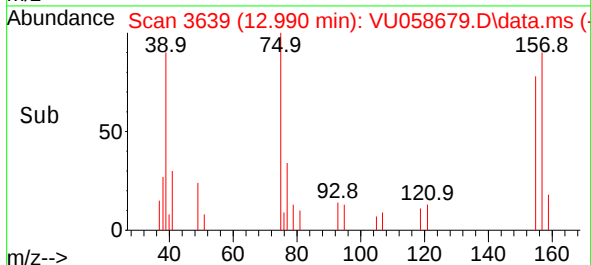
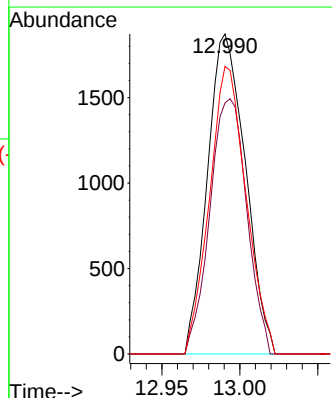
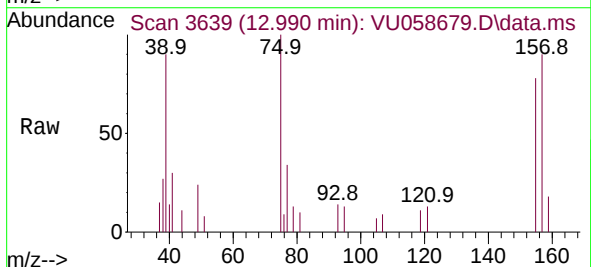
Tgt Ion: 75 Resp: 3164

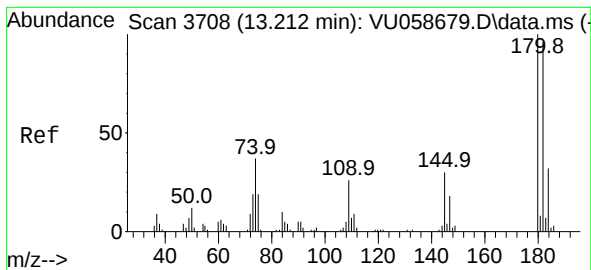
Ion Ratio Lower Upper

75 100

155 78.5 61.4 92.0

157 89.9 81.7 122.5





#69

1,3,5-Trichlorobenzene

Concen: 4.700 ug/L

RT: 13.212 min Scan# 3708

Delta R.T. 0.000 min

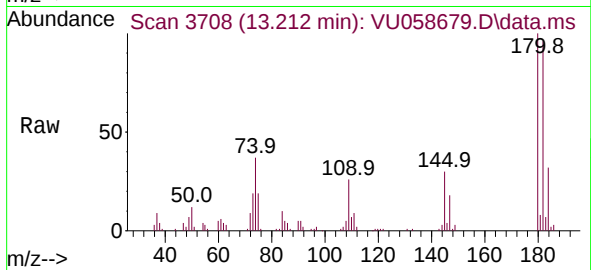
Lab File: VU058679.D

Acq: 15 Apr 2024 09:45

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 41710

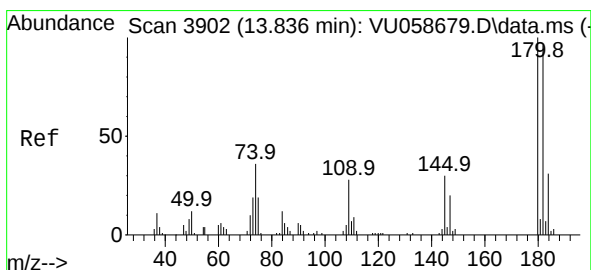
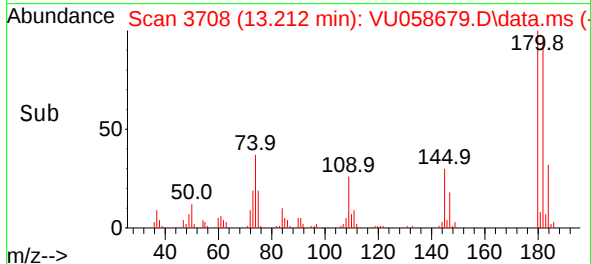
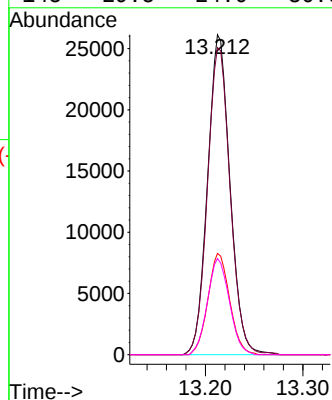
Ion Ratio Lower Upper

180 100

182 97.0 75.7 113.5

184 30.8 24.3 36.5

145 29.5 24.0 36.0



#70

1,2,4-trichlorobenzene

Concen: 4.266 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.000 min

Lab File: VU058679.D

Acq: 15 Apr 2024 09:45

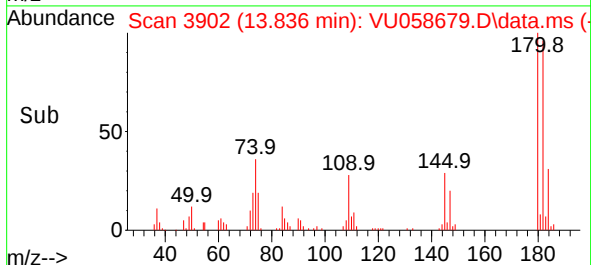
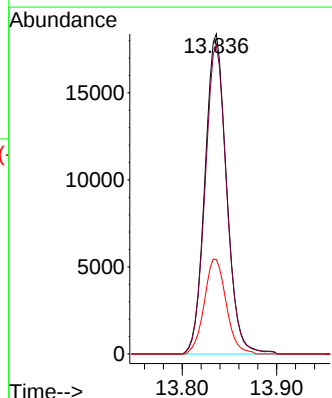
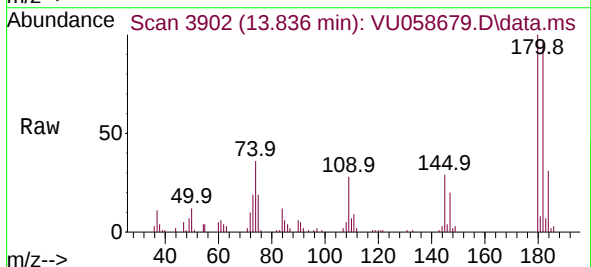
Tgt Ion:180 Resp: 29198

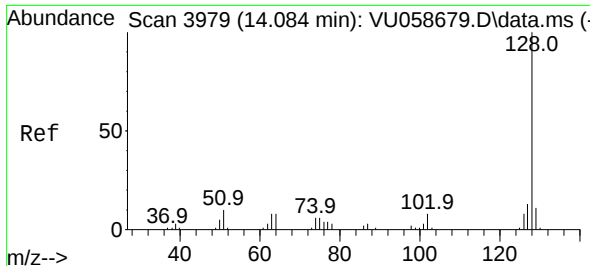
Ion Ratio Lower Upper

180 100

182 96.5 74.4 111.6

145 30.0 24.1 36.1

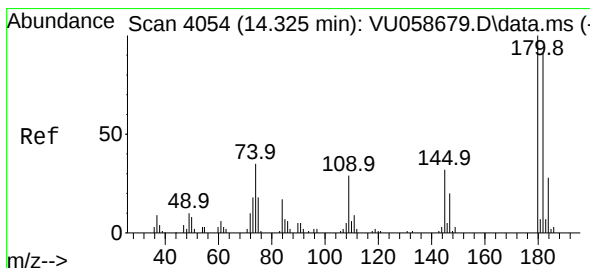
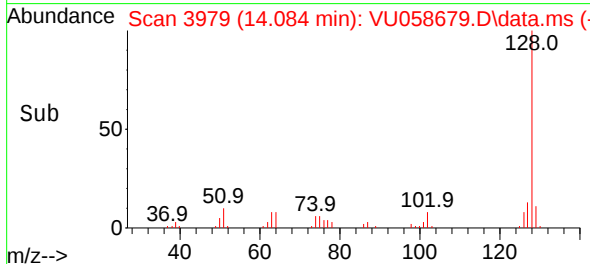
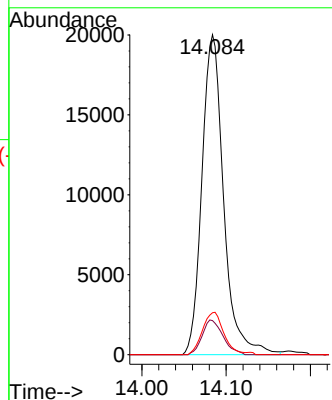
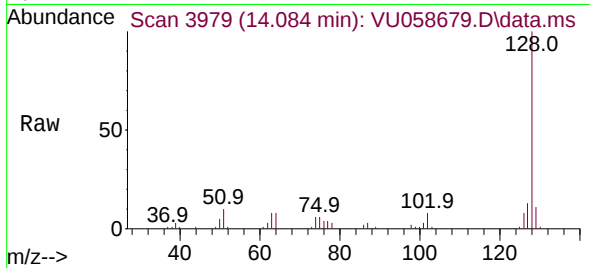




#71
Naphthalene
Concen: 3.829 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. 0.000 min
Lab File: VU058679.D
Acq: 15 Apr 2024 09:45

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 35906
Ion Ratio Lower Upper
128 100
129 10.4 8.6 13.0
127 13.0 11.0 16.6



#72
1,2,3-Trichlorobenzene
Concen: 4.370 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU058679.D
Acq: 15 Apr 2024 09:45

Tgt Ion:180 Resp: 24700
Ion Ratio Lower Upper
180 100
182 92.3 75.9 113.9
145 31.7 25.2 37.8

