

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012624\
 Data File : VU057704.D
 Acq On : 26 Jan 2024 20:11
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 29 00:33:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jan 29 00:26:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	63303	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	57700	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	26506	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	13680	3.922	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.400%
7) Chloroethane-d5	1.911	69	12561	4.298	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.000%
11) 1,1-Dichloroethene-d2	2.560	65	6529	3.981	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.600%
20) 2-Butanone-d5	4.624	46	33390	50.747	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.500%
24) Chloroform-d	5.055	84	32637	4.610	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	5.698	65	15477	4.811	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
32) Benzene-d6	5.721	84	59757	4.415	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	6.685	67	18771	4.598	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.000%
41) Toluene-d8	7.891	98	56162	4.371	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
43) trans-1,3-Dichloroprop...	8.177	79	6655	4.090	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.800%
46) 2-Hexanone-d5	8.627	63	27922	53.788	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.580%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	13547	4.951	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	18772	5.047	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	21778	4.060	ug/L	100
3) Chloromethane	1.518	50	22631	4.217	ug/L	99
5) Vinyl chloride	1.602	62	23962	4.195	ug/L	99
6) Bromomethane	1.856	94	11735	3.940	ug/L	94
8) Chloroethane	1.930	64	16989	4.966	ug/L	93
9) Trichlorofluoromethane	2.132	101	36798	4.325	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	20027	4.049	ug/L	98
12) 1,1-Dichloroethene	2.576	96	19142	4.161	ug/L	96
13) Acetone	2.634	43	24319	38.896	ug/L	98
14) Carbon disulfide	2.788	76	59612	3.997	ug/L	99
15) Methyl Acetate	2.949	43	6836	4.249	ug/L	93
16) Methylene chloride	3.039	84	21084	4.269	ug/L	94
17) Methyl tert-butyl Ether	3.354	73	47441	4.336	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	20226	4.174	ug/L	99
19) 1,1-Dichloroethane	3.859	63	39084	4.368	ug/L	96
21) 2-Butanone	4.701	43	38164	38.915	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	22623	4.343	ug/L	96
23) Bromochloromethane	4.968	128	9039	4.319	ug/L	95
25) Chloroform	5.081	83	40692	4.286	ug/L	99

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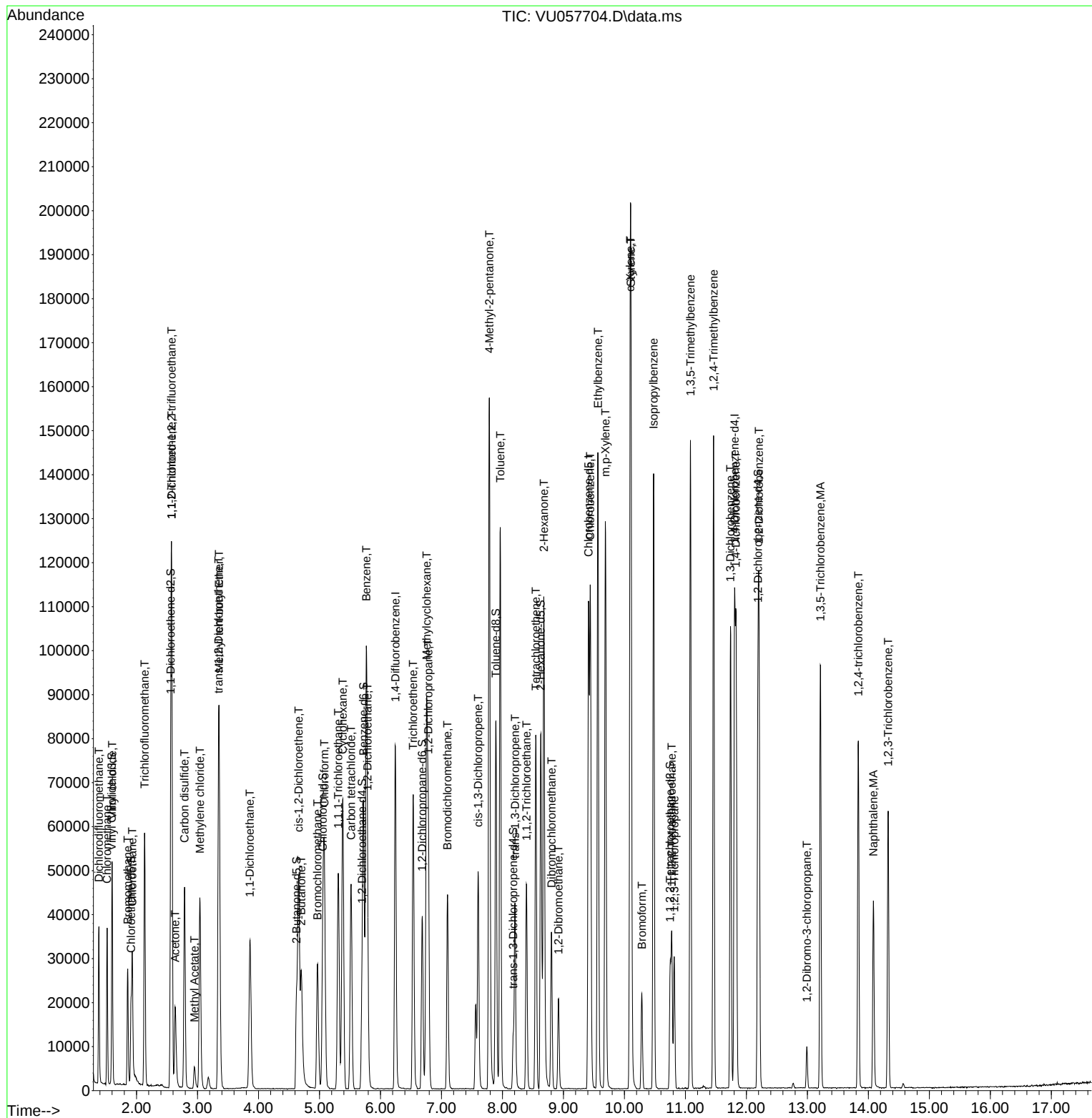
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	25162	4.549	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	35931	4.242	ug/L	99
30) Cyclohexane	5.383	56	33914	4.150	ug/L	99
31) Carbon tetrachloride	5.518	117	31478	4.213	ug/L	99
33) Benzene	5.769	78	87151	4.404	ug/L	100
34) Trichloroethene	6.537	95	22909	4.199	ug/L	97
35) Methylcyclohexane	6.756	83	34722	3.940	ug/L	99
37) 1,2-Dichloropropane	6.785	63	22014	4.446	ug/L #	95
38) Bromodichloromethane	7.100	83	28755	4.316	ug/L #	99
39) cis-1,3-Dichloropropene	7.602	75	29138	3.787	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	102532	43.398	ug/L	100
42) Toluene	7.965	91	92404	4.330	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	23711	3.792	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	14116	4.383	ug/L	96
47) Tetrachloroethene	8.547	164	16659	4.155	ug/L	98
48) 2-Hexanone	8.679	43	71419	43.080	ug/L	97
49) Dibromochloromethane	8.804	129	17716	4.248	ug/L	100
50) 1,2-Dibromoethane	8.920	107	13901	4.448	ug/L	100
51) Chlorobenzene	9.441	112	56878	4.249	ug/L	98
52) Ethylbenzene	9.566	91	103318	4.297	ug/L	98
53) m,p-Xylene	9.688	106	37320	4.206	ug/L	98
54) o-Xylene	10.097	106	36659	4.239	ug/L	99
55) Styrene	10.110	104	56545	4.274	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	17108	4.378	ug/L	100
59) Bromoform	10.286	173	9323	4.330	ug/L	99
60) Isopropylbenzene	10.479	105	90343	4.350	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	12270	4.612	ug/L	100
62) 1,3,5-Trimethylbenzene	11.084	105	80443	4.346	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	80812	4.363	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	40680	4.291	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	38029	4.191	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	37287	4.408	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.990	75	2563	5.118	ug/L	93
69) 1,3,5-Trichlorobenzene	13.216	180	28872	4.149	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	22975	4.507	ug/L	98
71) Naphthalene	14.084	128	35445	4.912	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	18896	4.763	ug/L	97

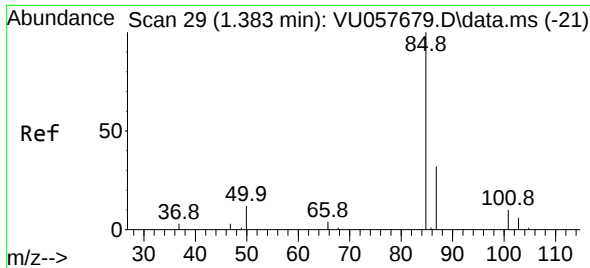
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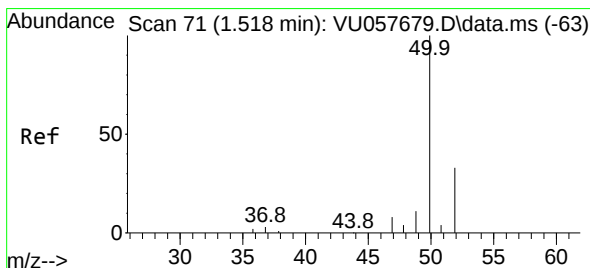
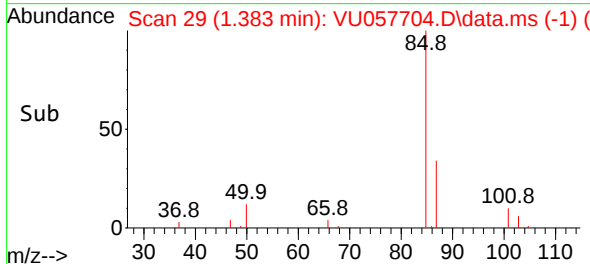
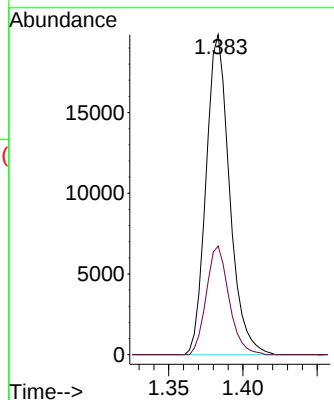
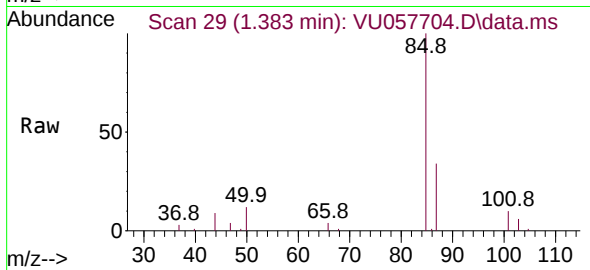




#2
Dichlorodifluoromethane
Concen: 4.060 ug/L
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU057704.D
Acq: 26 Jan 2024 20:11

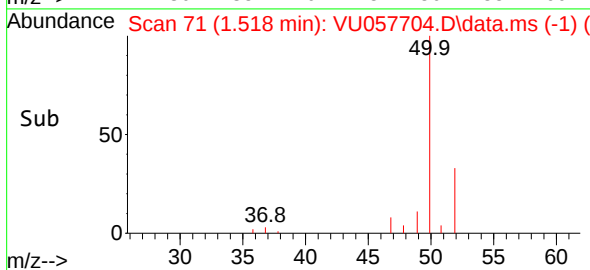
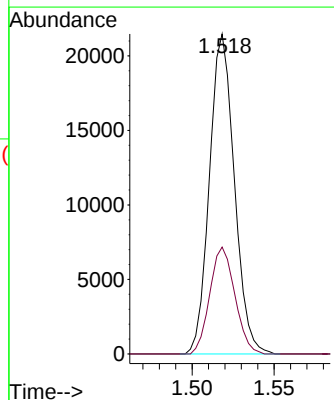
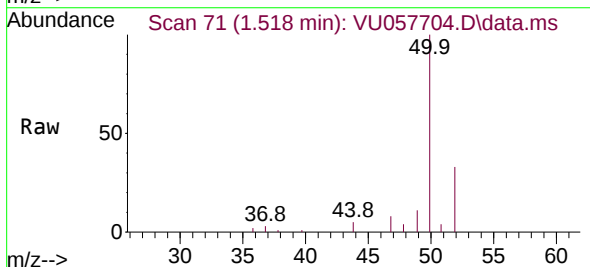
Instrument :
MSVOA_U
ClientSampleId :

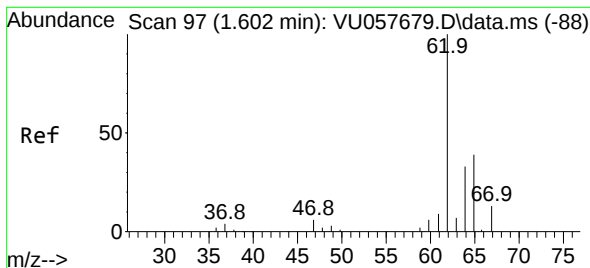
Tgt Ion: 85 Resp: 21778
Ion Ratio Lower Upper
85 100
87 32.8 26.4 39.6



#3
Chloromethane
Concen: 4.217 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU057704.D
Acq: 26 Jan 2024 20:11

Tgt Ion: 50 Resp: 22631
Ion Ratio Lower Upper
50 100
52 33.4 23.7 43.9





#5

Vinyl chloride

Concen: 4.195 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU057704.D

Acq: 26 Jan 2024 20:11

Instrument :

MSVOA_U

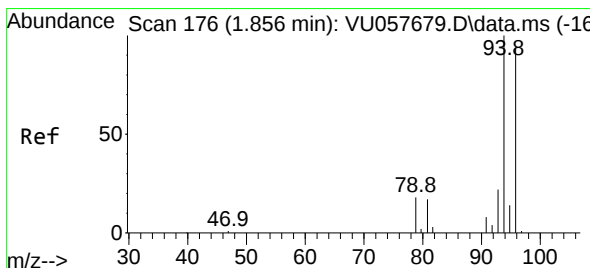
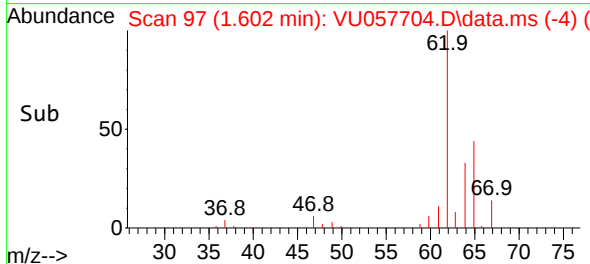
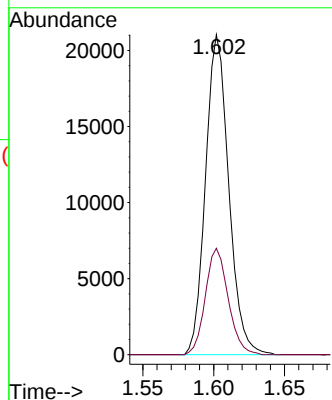
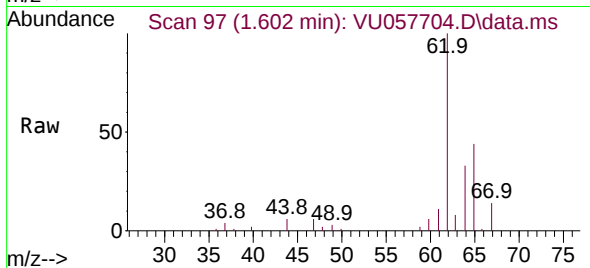
ClientSampleId :

Tgt Ion: 62 Resp: 23962

Ion Ratio Lower Upper

62 100

64 33.2 22.8 42.4



#6

Bromomethane

Concen: 3.940 ug/L

RT: 1.856 min Scan# 176

Delta R.T. 0.000 min

Lab File: VU057704.D

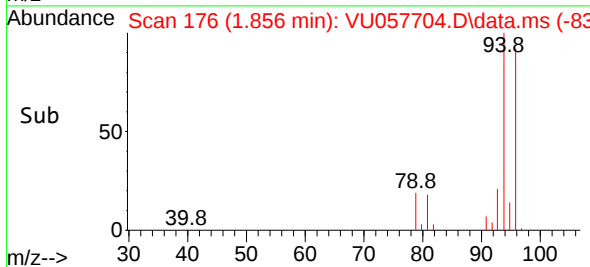
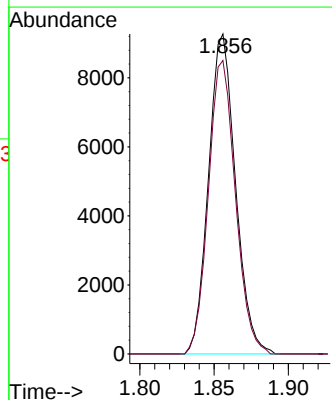
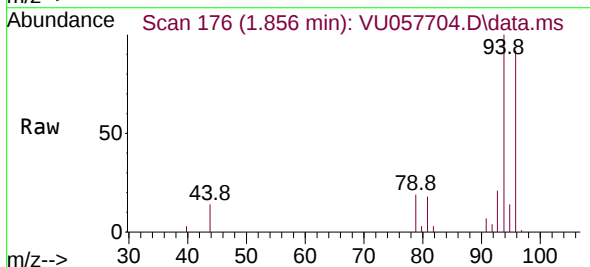
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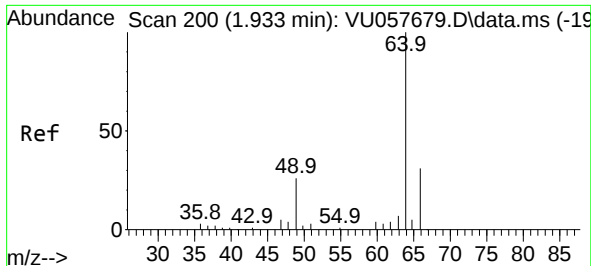
Tgt Ion: 94 Resp: 11735

Ion Ratio Lower Upper

94 100

96 91.7 68.0 126.4

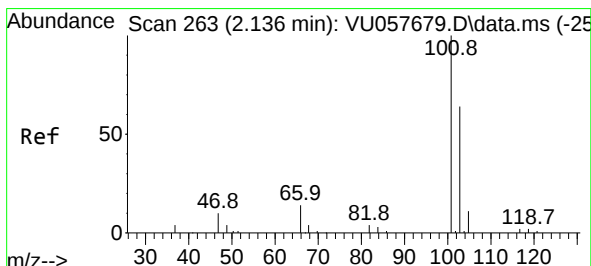
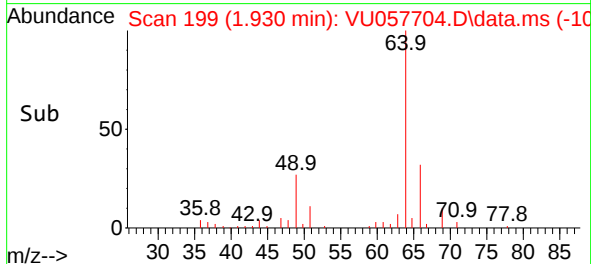
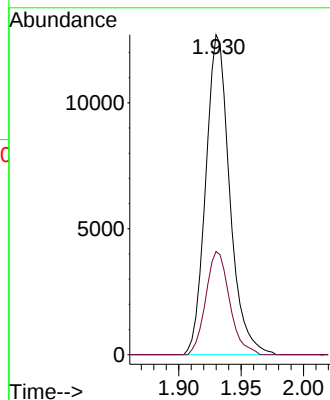
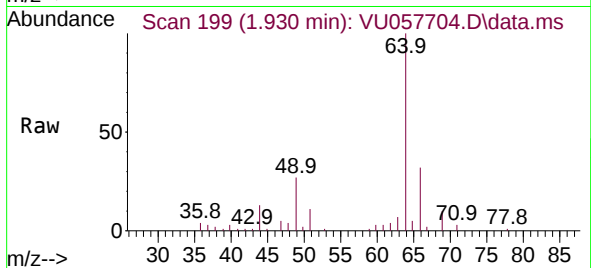




#8
Chloroethane
Concen: 4.966 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.003 min
Lab File: VU057704.D
Acq: 26 Jan 2024 20:11

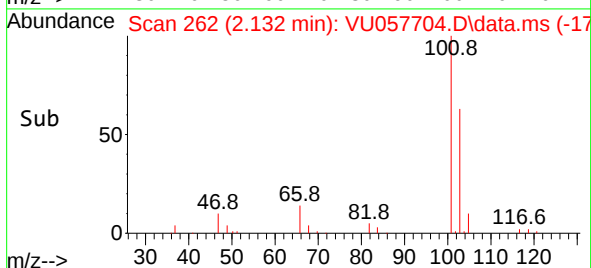
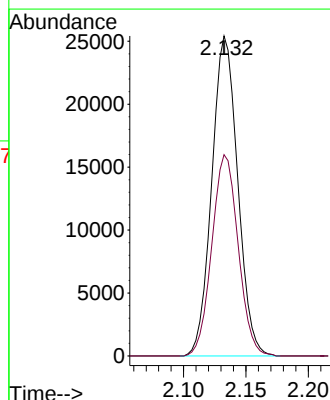
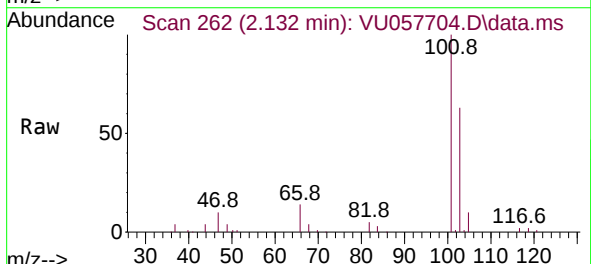
Instrument :
MSVOA_U
ClientSampleId :

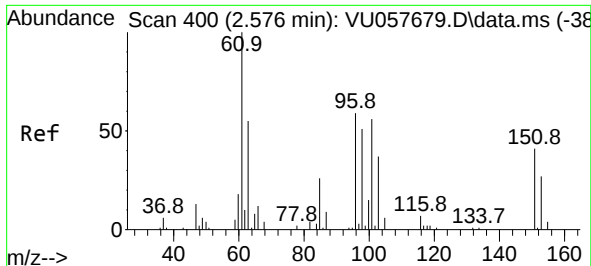
Tgt Ion: 64 Resp: 16989
Ion Ratio Lower Upper
64 100
66 30.9 24.5 45.5



#9
Trichlorofluoromethane
Concen: 4.325 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.003 min
Lab File: VU057704.D
Acq: 26 Jan 2024 20:11

Tgt Ion: 101 Resp: 36798
Ion Ratio Lower Upper
101 100
103 63.9 52.2 78.2

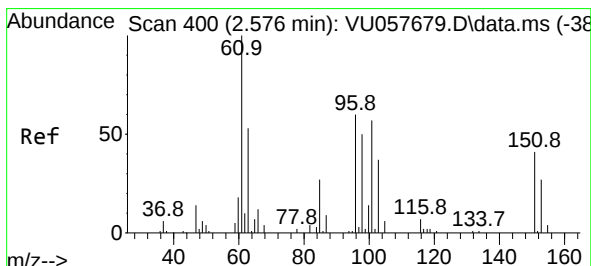
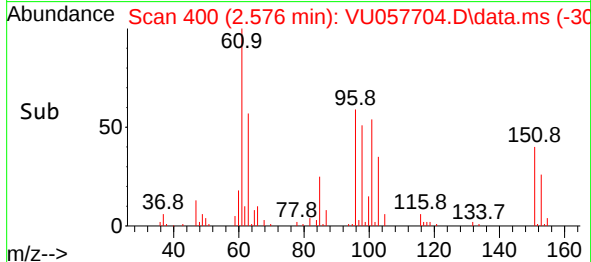
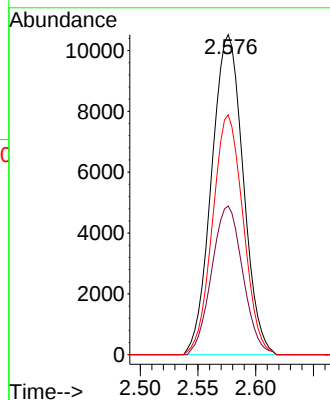
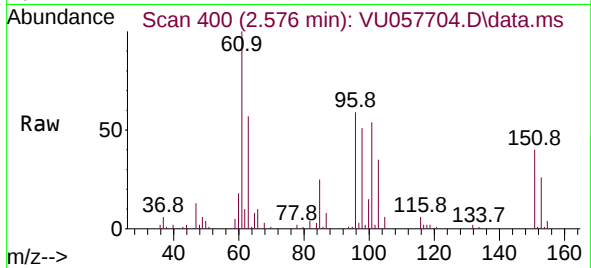




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.049 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU057704.D
 Acq: 26 Jan 2024 20:11

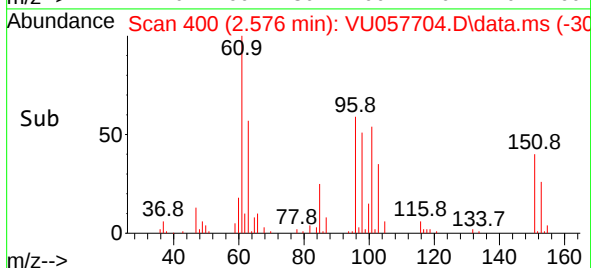
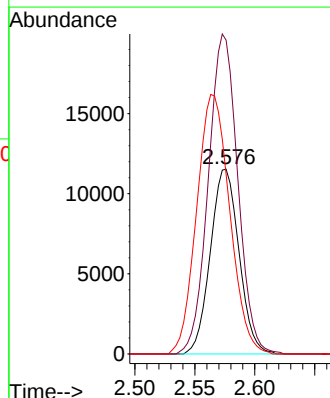
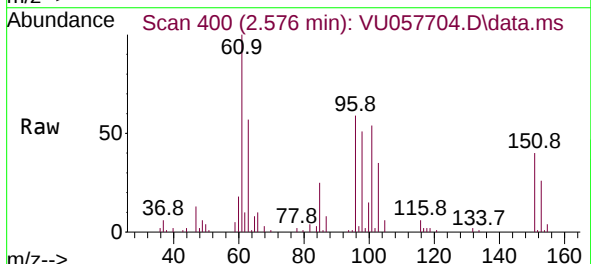
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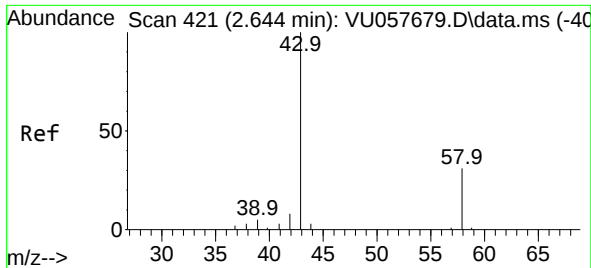
Tgt Ion:101 Resp: 20027
 Ion Ratio Lower Upper
 101 100
 85 45.8 35.8 53.8
 151 72.7 60.0 90.0



#12
 1,1-Dichloroethene
 Concen: 4.161 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU057704.D
 Acq: 26 Jan 2024 20:11

Tgt Ion: 96 Resp: 19142
 Ion Ratio Lower Upper
 96 100
 61 169.7 120.7 224.1
 63 97.1 72.5 134.7





#13

Acetone

Concen: 38.896 ug/L

RT: 2.634 min Scan# 41

Delta R.T. -0.010 min

Lab File: VU057704.D

Acq: 26 Jan 2024 20:11

Instrument :

MSVOA_U

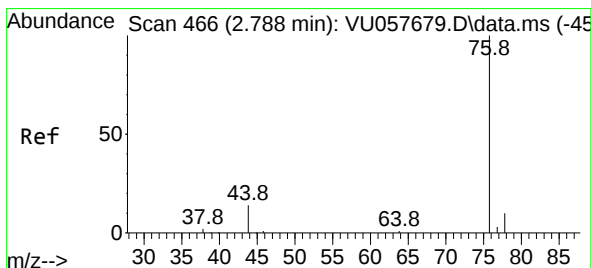
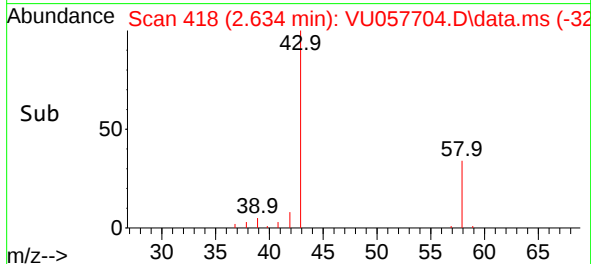
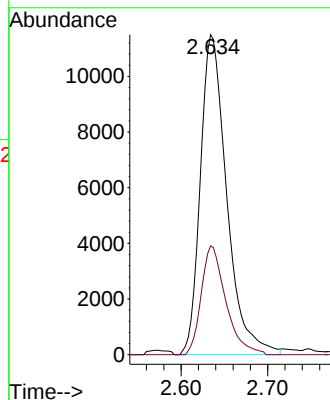
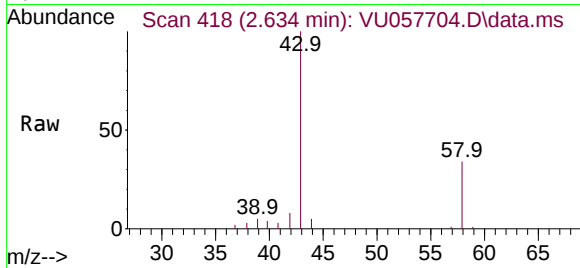
ClientSampleId :

Tgt Ion: 43 Resp: 24319

Ion Ratio Lower Upper

43 100

58 31.6 0.0 61.4



#14

Carbon disulfide

Concen: 3.997 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU057704.D

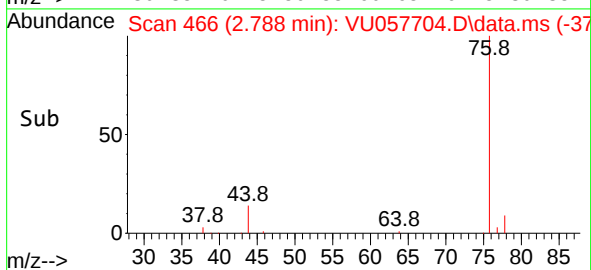
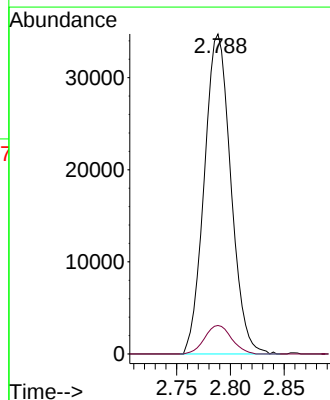
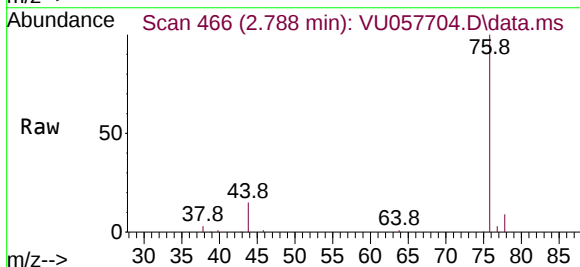
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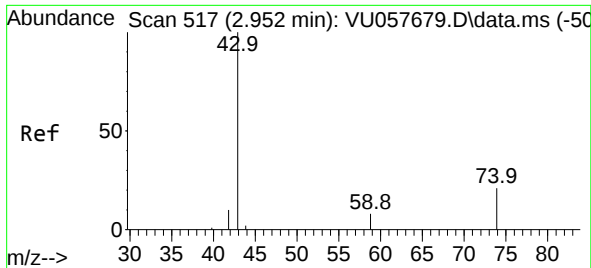
Tgt Ion: 76 Resp: 59612

Ion Ratio Lower Upper

76 100

78 8.9 7.3 10.9

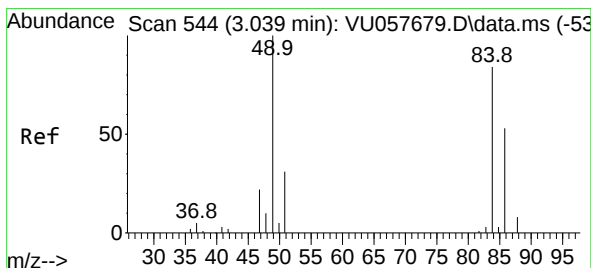
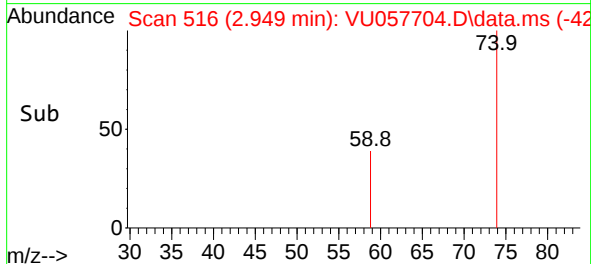
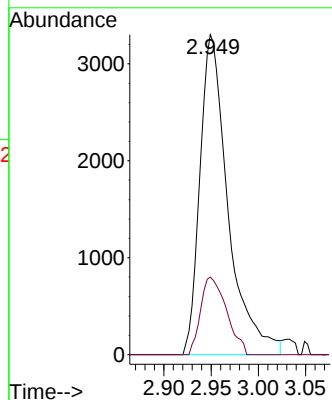
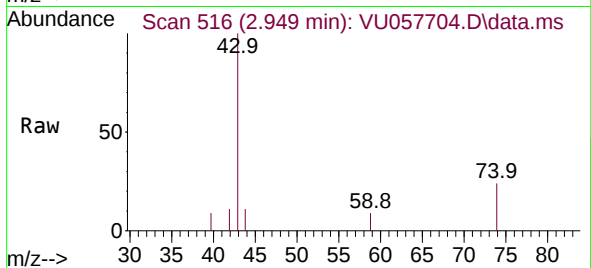




#15
Methyl Acetate
Concen: 4.249 ug/L
RT: 2.949 min Scan# 516
Delta R.T. -0.003 min
Lab File: VU057704.D
Acq: 26 Jan 2024 20:11

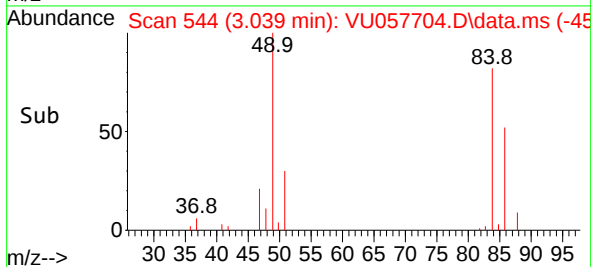
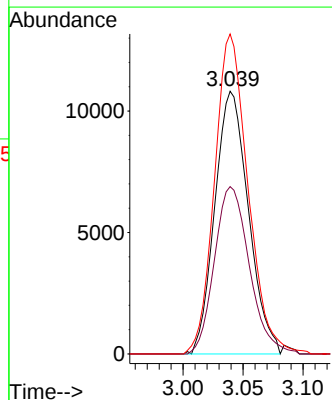
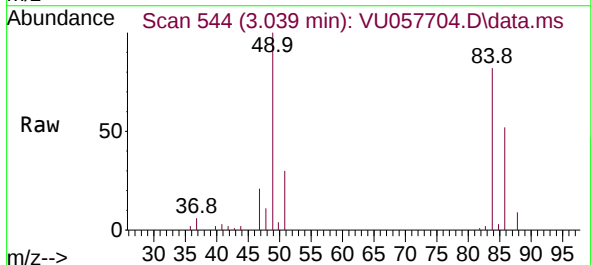
Instrument :
MSVOA_U
ClientSampleId :

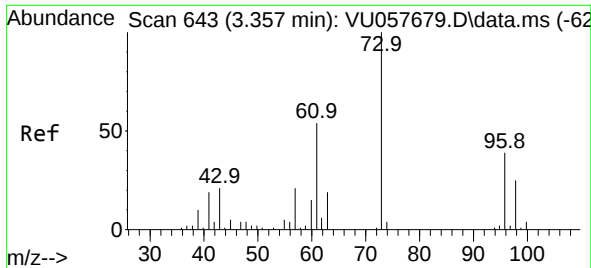
Tgt Ion: 43 Resp: 6836
Ion Ratio Lower Upper
43 100
74 22.3 20.7 31.1



#16
Methylene chloride
Concen: 4.269 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU057704.D
Acq: 26 Jan 2024 20:11

Tgt Ion: 84 Resp: 21084
Ion Ratio Lower Upper
84 100
86 63.7 43.5 80.9
49 127.0 82.5 153.1

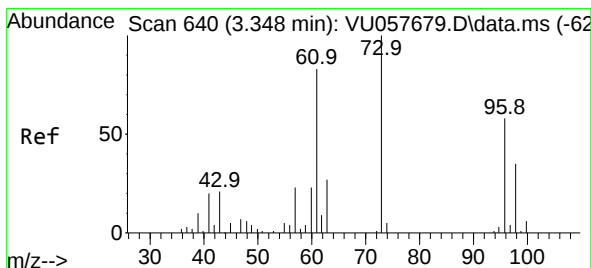
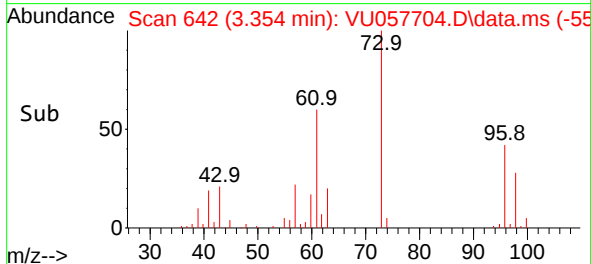
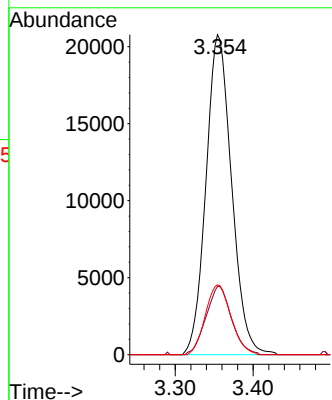
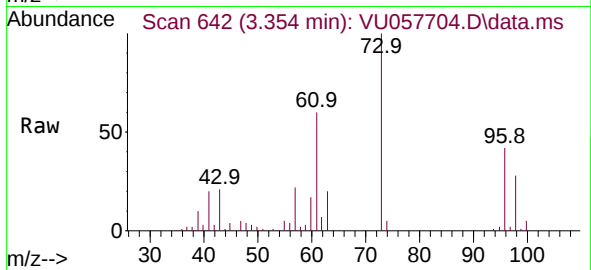




#17
Methyl tert-butyl Ether
Concen: 4.336 ug/L
RT: 3.354 min Scan# 64
Delta R.T. -0.003 min
Lab File: VU057704.D
Acq: 26 Jan 2024 20:11

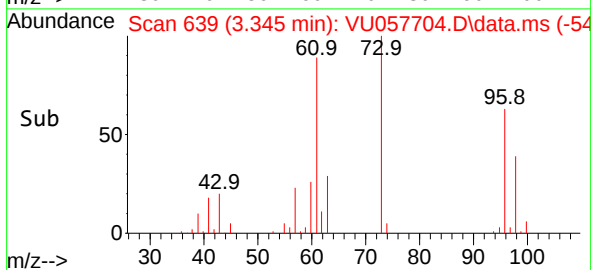
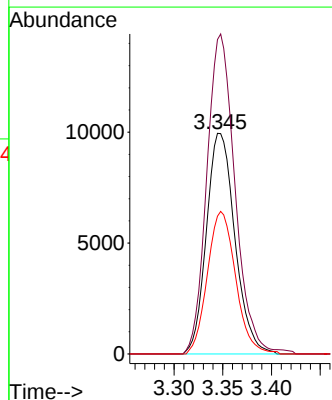
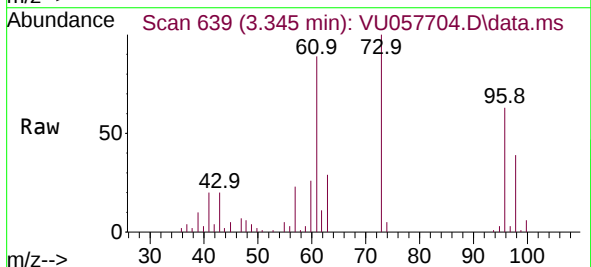
Instrument :
MSVOA_U
ClientSampleId :

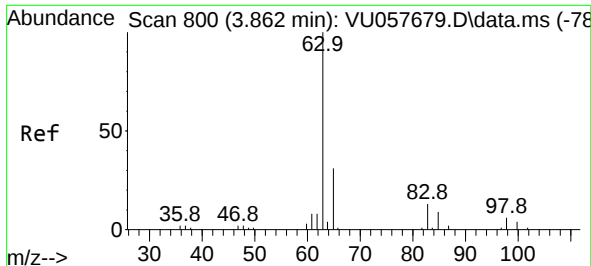
Tgt Ion: 73 Resp: 47441
Ion Ratio Lower Upper
73 100
43 21.3 17.3 25.9
57 21.9 17.7 26.5



#18
trans-1,2-Dichloroethene
Concen: 4.174 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU057704.D
Acq: 26 Jan 2024 20:11

Tgt Ion: 96 Resp: 20226
Ion Ratio Lower Upper
96 100
61 142.5 99.3 184.5
98 62.5 44.5 82.7





#19

1,1-Dichloroethane

Concen: 4.368 ug/L

RT: 3.859 min Scan# 79

Delta R.T. -0.003 min

Lab File: VU057704.D

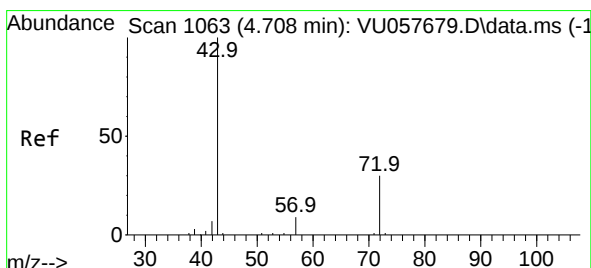
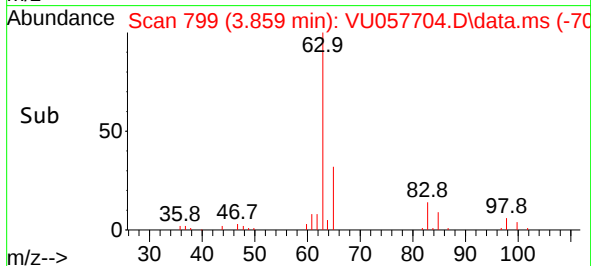
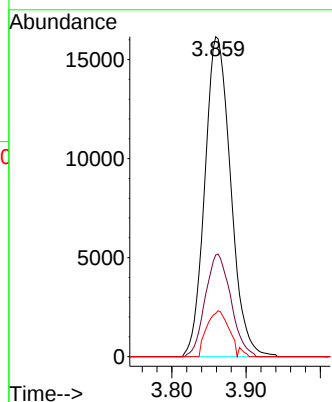
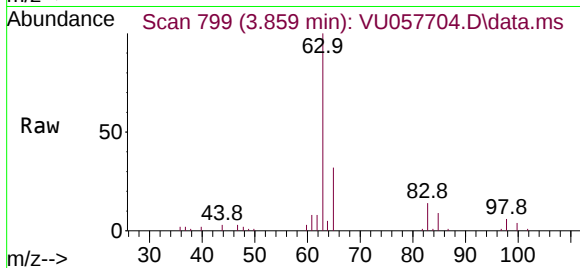
Acq: 26 Jan 2024 20:11

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	39084
Ion	Ratio	Lower	Upper
63	100		
65	30.4	23.0	42.8
83	12.9	9.7	17.9



#21

2-Butanone

Concen: 38.915 ug/L

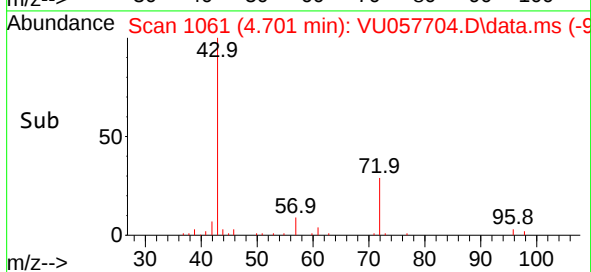
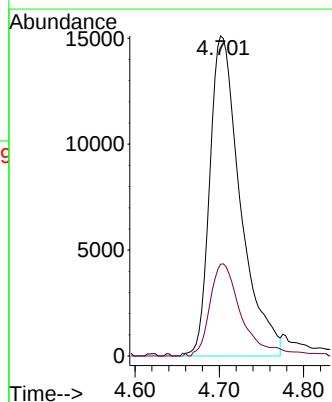
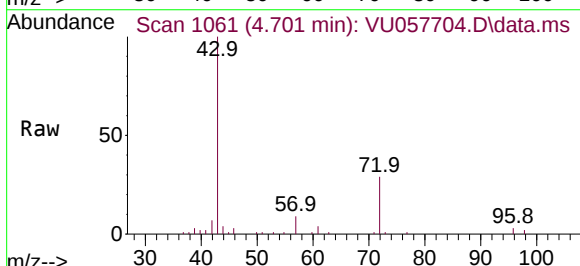
RT: 4.701 min Scan# 1061

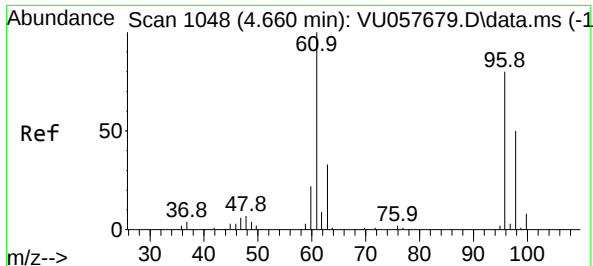
Delta R.T. -0.006 min

Lab File: VU057704.D

Acq: 26 Jan 2024 20:11

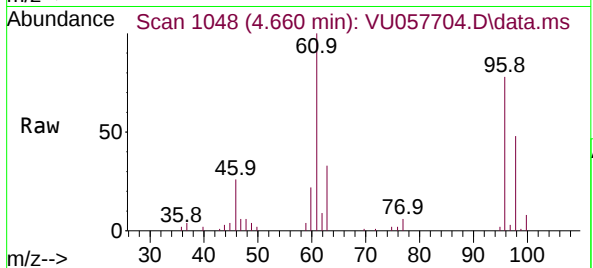
Tgt Ion:	43	Resp:	38164
Ion	Ratio	Lower	Upper
43	100		
72	30.2	14.7	44.1





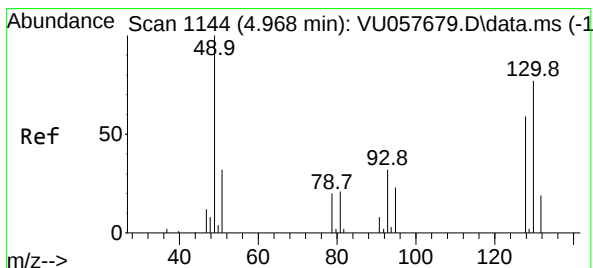
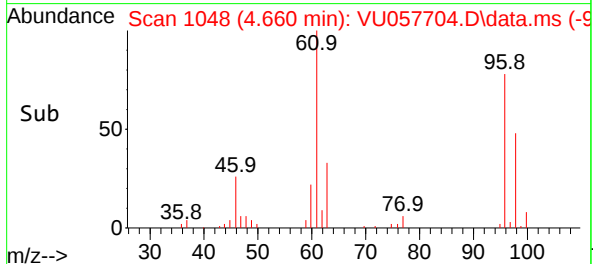
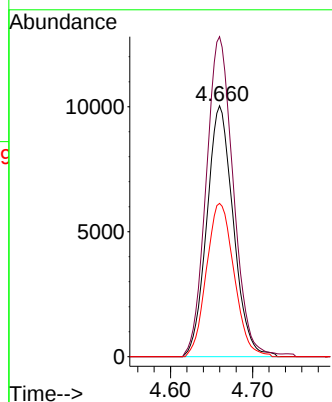
#22
 cis-1,2-Dichloroethene
 Concen: 4.343 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.000 min
 Lab File: VU057704.D
 Acq: 26 Jan 2024 20:11

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 22623

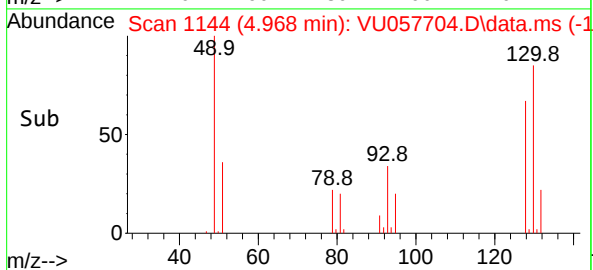
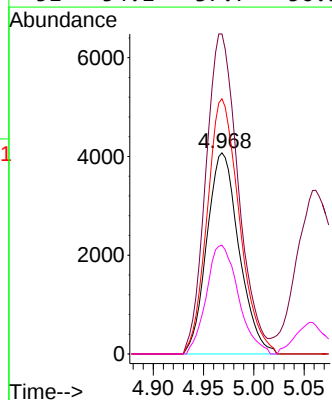
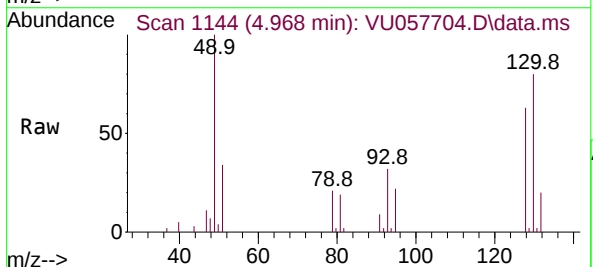
Ion	Ratio	Lower	Upper
96	100		
61	127.6	92.7	172.1
98	61.1	44.9	83.5

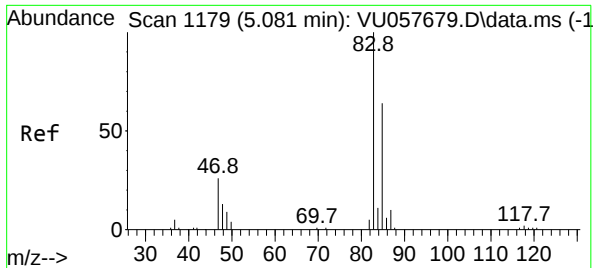


#23
 Bromochloromethane
 Concen: 4.319 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. 0.000 min
 Lab File: VU057704.D
 Acq: 26 Jan 2024 20:11

Tgt Ion: 128 Resp: 9039

Ion	Ratio	Lower	Upper
128	100		
49	165.5	111.5	207.1
130	126.9	87.2	162.0
51	54.1	37.7	56.5





#25

Chloroform

Concen: 4.286 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VU057704.D

Acq: 26 Jan 2024 20:11

Instrument :

MSVOA_U

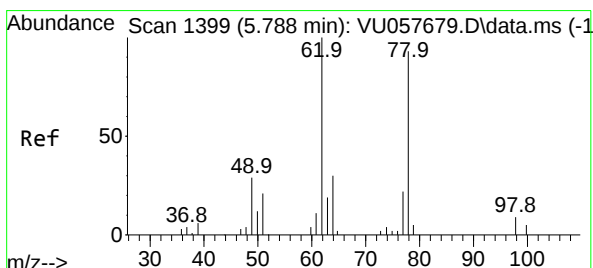
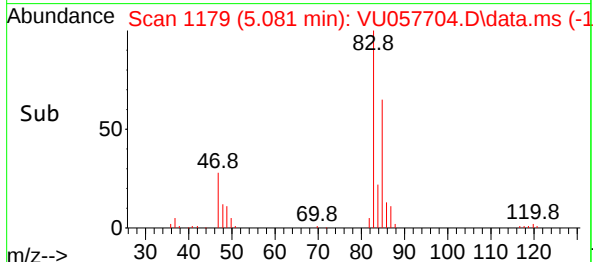
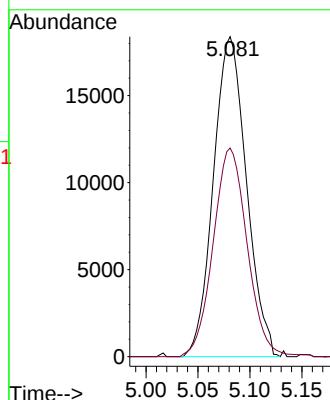
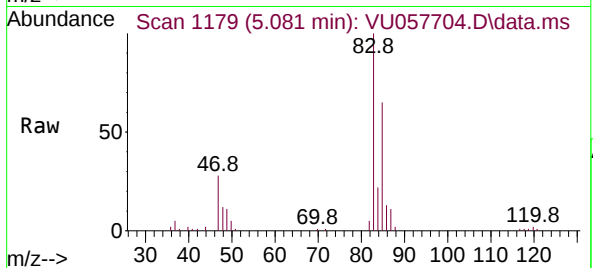
ClientSampleId :

Tgt Ion: 83 Resp: 40692

Ion Ratio Lower Upper

83 100

85 65.2 46.1 85.5



#27

1,2-Dichloroethane

Concen: 4.549 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.000 min

Lab File: VU057704.D

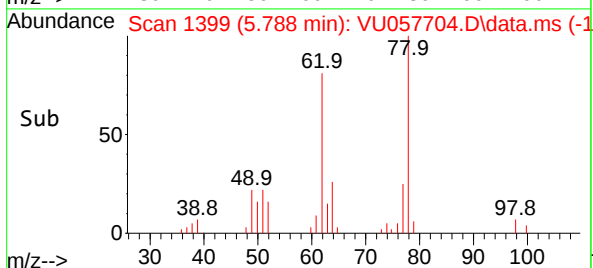
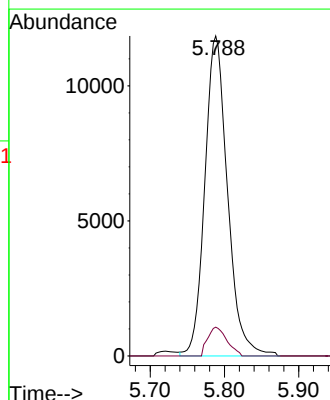
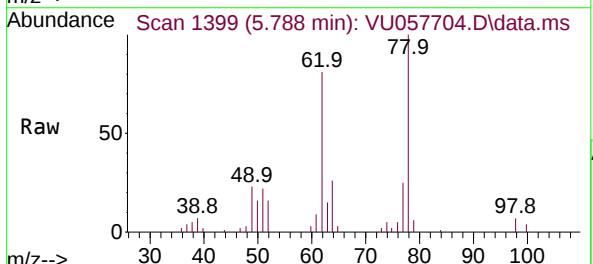
Acq: 26 Jan 2024 20:11

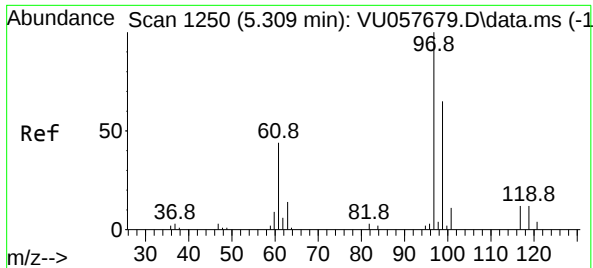
Tgt Ion: 62 Resp: 25162

Ion Ratio Lower Upper

62 100

98 9.0 6.9 10.3

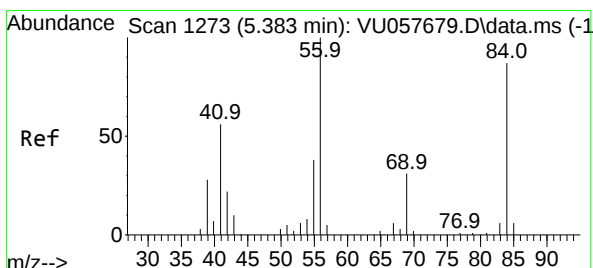
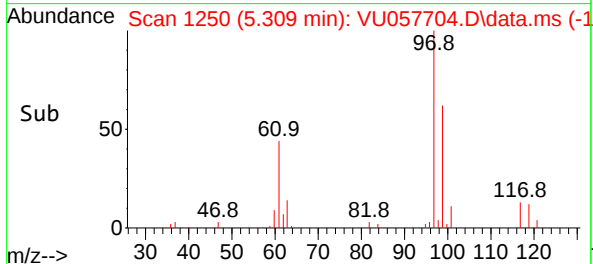
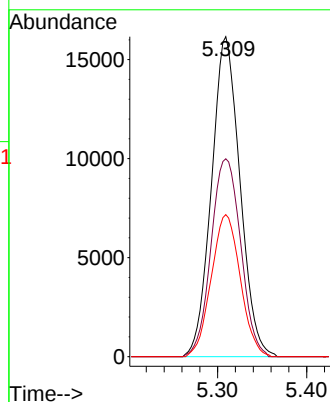
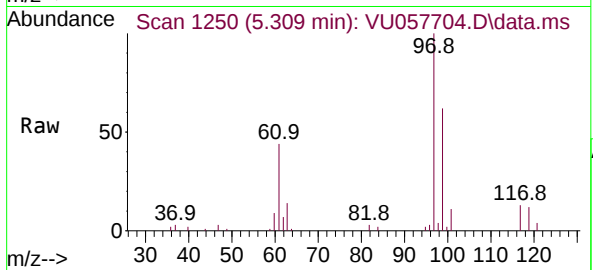




#29
1,1,1-Trichloroethane
Concen: 4.242 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. 0.000 min
Lab File: VU057704.D
Acq: 26 Jan 2024 20:11

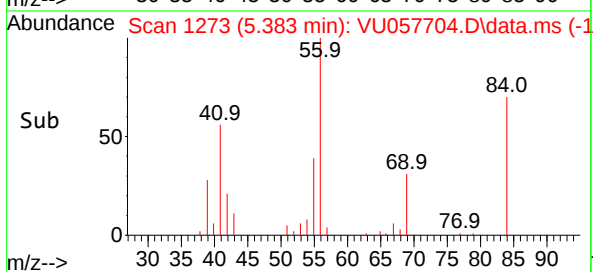
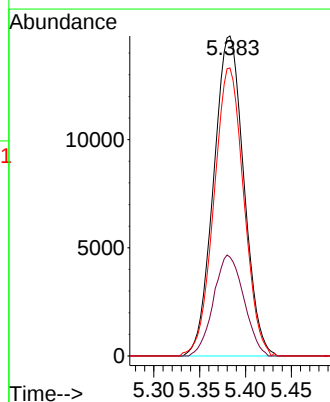
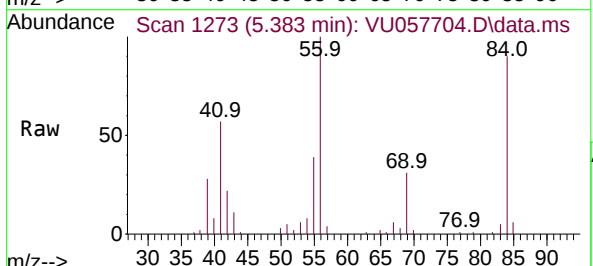
Instrument :
MSVOA_U
ClientSampleId :

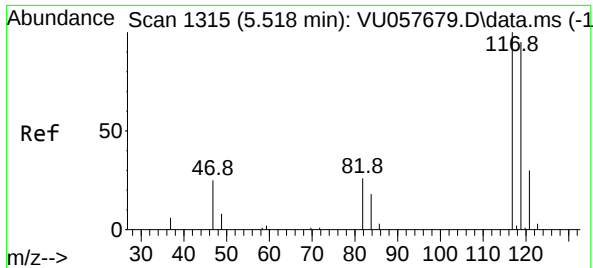
Tgt Ion: 97	Resp: 35931
Ion Ratio	Lower Upper
97 100	
99 64.3	52.0 78.0
61 45.3	35.3 52.9



#30
Cyclohexane
Concen: 4.150 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VU057704.D
Acq: 26 Jan 2024 20:11

Tgt Ion: 56	Resp: 33914
Ion Ratio	Lower Upper
56 100	
69 31.5	25.8 38.8
84 88.7	72.0 108.0

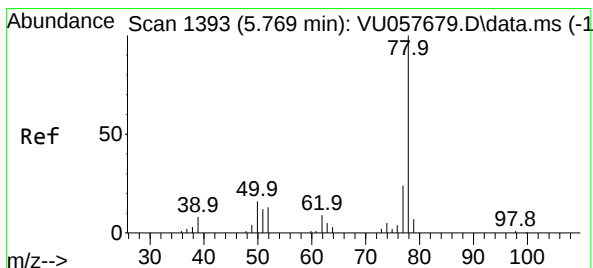
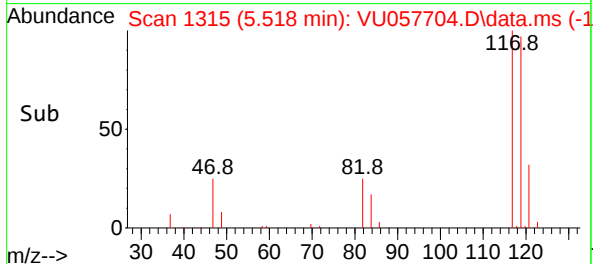
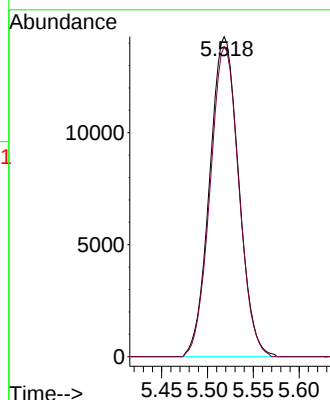
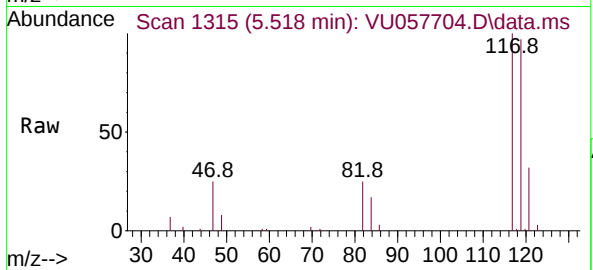




#31
Carbon tetrachloride
Concen: 4.213 ug/L
RT: 5.518 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU057704.D
Acq: 26 Jan 2024 20:11

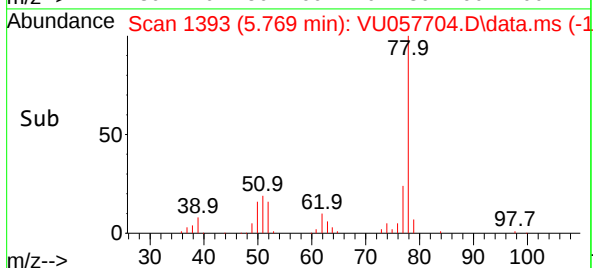
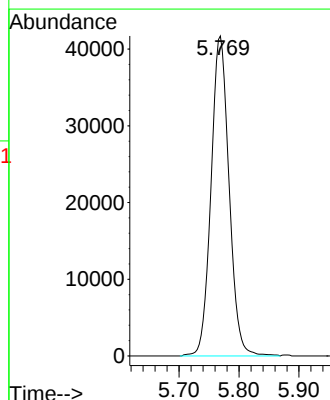
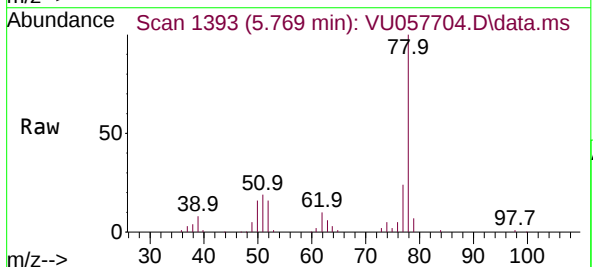
Instrument :
MSVOA_U
ClientSampleId :

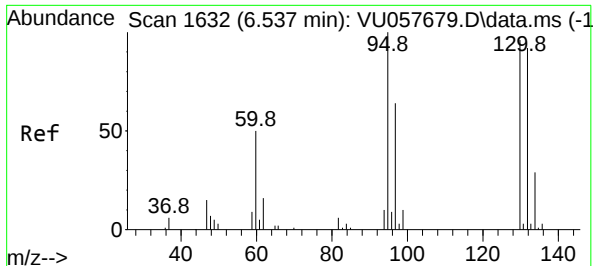
Tgt Ion:117 Resp: 31478
Ion Ratio Lower Upper
117 100
119 95.8 75.6 113.4



#33
Benzene
Concen: 4.404 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.000 min
Lab File: VU057704.D
Acq: 26 Jan 2024 20:11

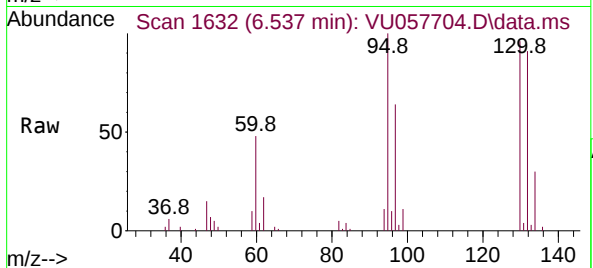
Tgt Ion: 78 Resp: 87151



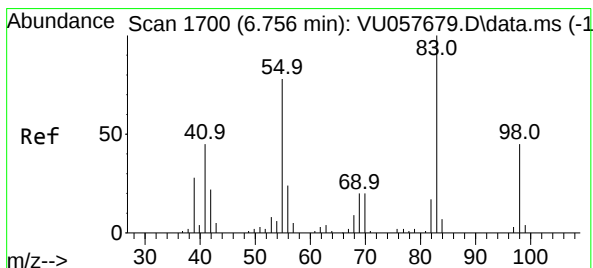
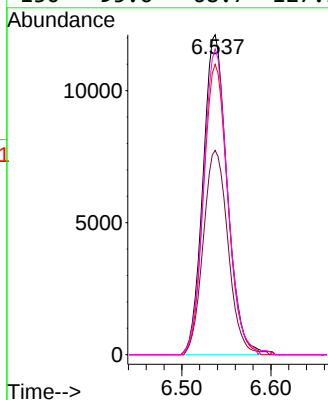
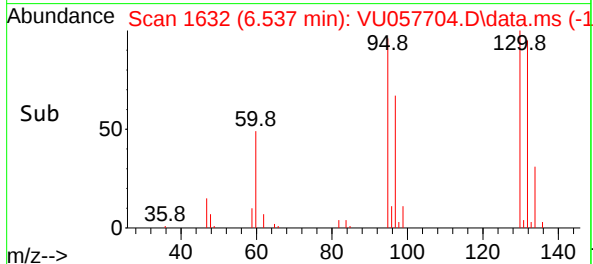


#34
Trichloroethene
Concen: 4.199 ug/L
RT: 6.537 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU057704.D
Acq: 26 Jan 2024 20:11

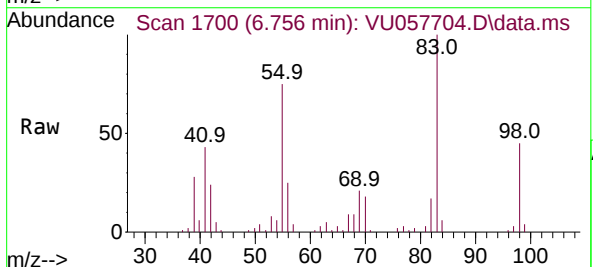
Instrument :
MSVOA_U
ClientSampleId :



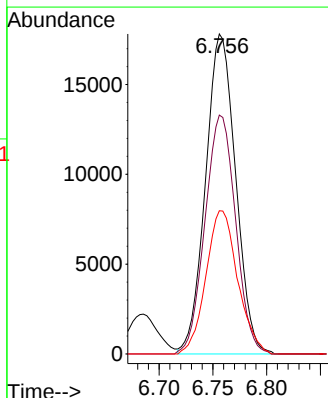
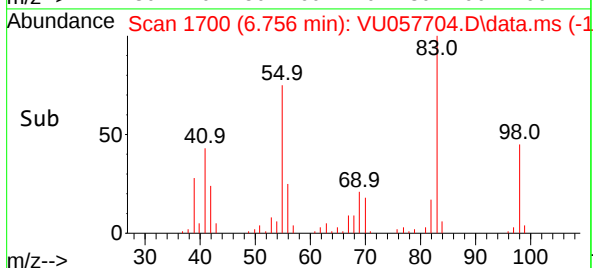
Tgt Ion: 95 Resp: 22909
Ion Ratio Lower Upper
95 100
97 63.9 46.1 85.5
132 90.8 66.1 122.8
130 95.6 68.7 127.5

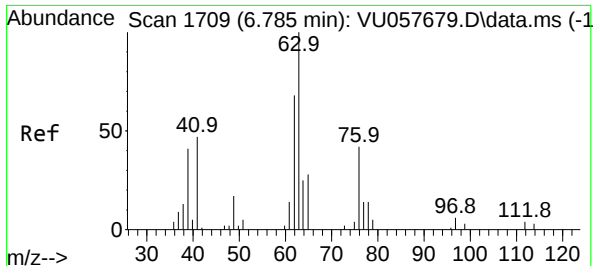


#35
Methylcyclohexane
Concen: 3.940 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VU057704.D
Acq: 26 Jan 2024 20:11



Tgt Ion: 83 Resp: 34722
Ion Ratio Lower Upper
83 100
55 75.9 61.4 92.0
98 47.1 38.2 57.4





#37

1,2-Dichloropropane

Concen: 4.446 ug/L

RT: 6.785 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU057704.D

Acq: 26 Jan 2024 20:11

Instrument :

MSVOA_U

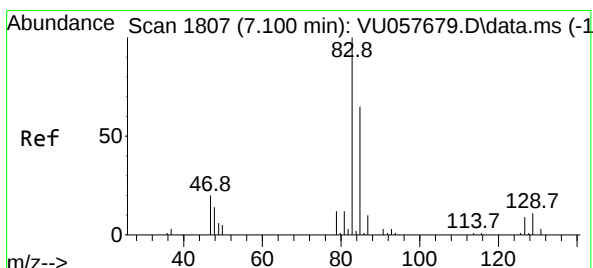
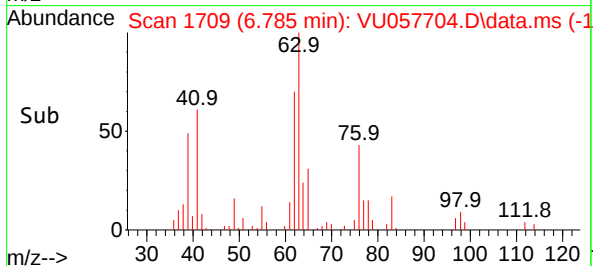
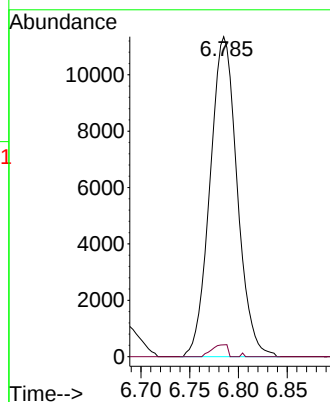
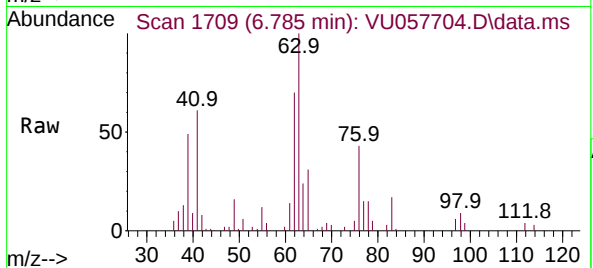
ClientSampleId :

Tgt Ion: 63 Resp: 22014

Ion Ratio Lower Upper

63 100

112 2.2 3.0 4.4#



#38

Bromodichloromethane

Concen: 4.316 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VU057704.D

Acq: 26 Jan 2024 20:11

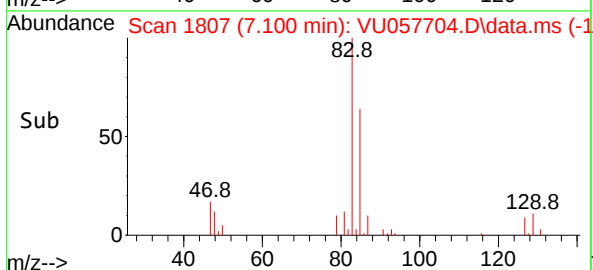
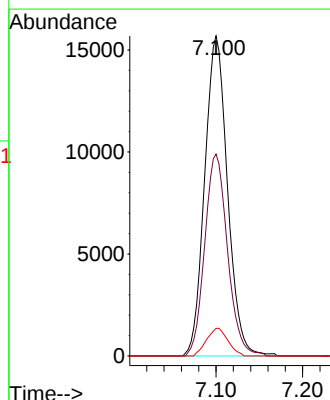
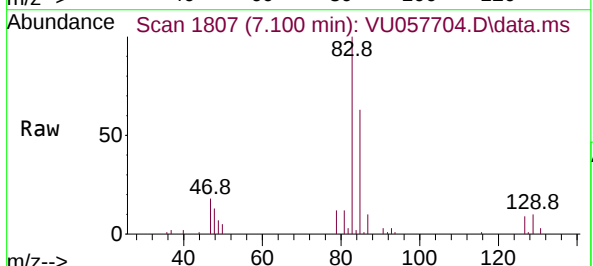
Tgt Ion: 83 Resp: 28755

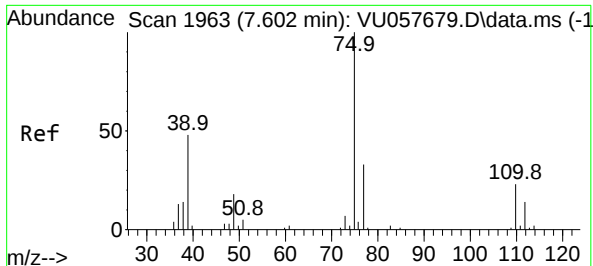
Ion Ratio Lower Upper

83 100

85 63.1 44.7 83.1

127 9.7 6.4 9.6#





#39

cis-1,3-Dichloropropene

Concen: 3.787 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VU057704.D

Acq: 26 Jan 2024 20:11

Instrument :

MSVOA_U

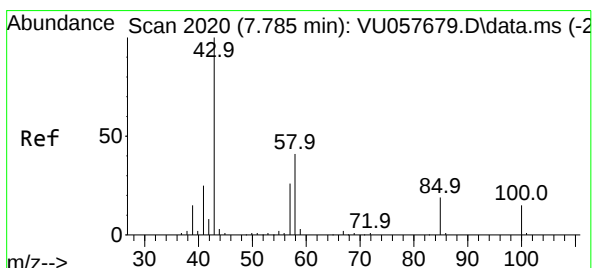
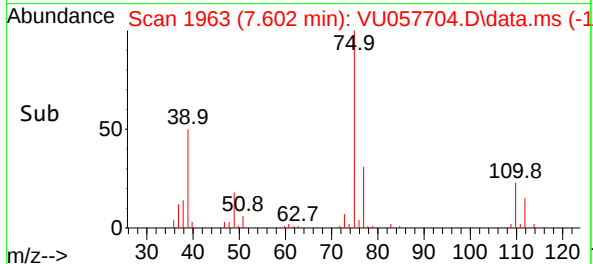
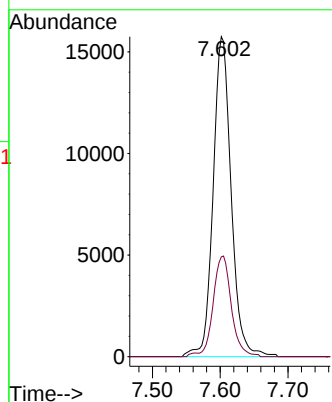
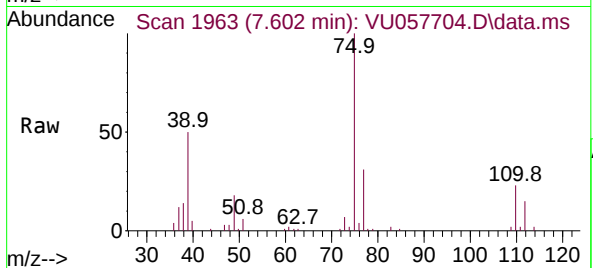
ClientSampleId :

Tgt Ion: 75 Resp: 29138

Ion Ratio Lower Upper

75 100

77 31.2 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 43.398 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. 0.000 min

Lab File: VU057704.D

Acq: 26 Jan 2024 20:11

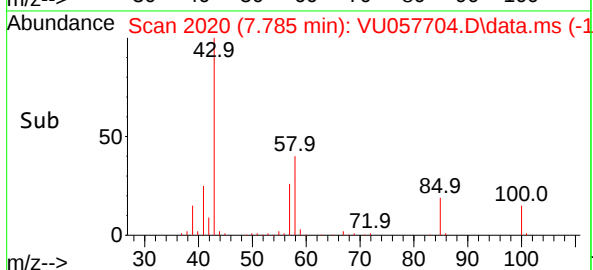
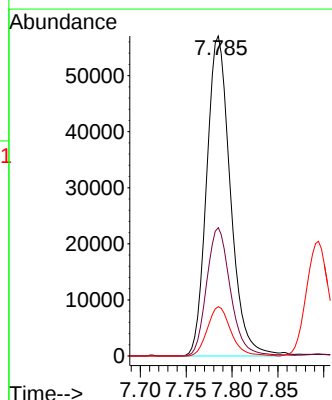
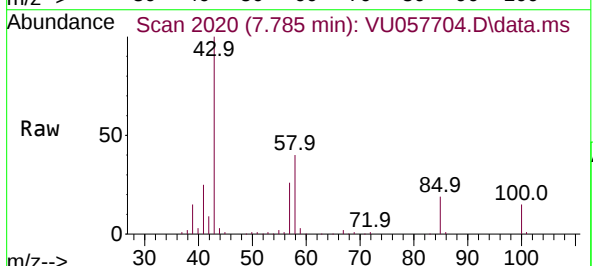
Tgt Ion: 43 Resp: 102532

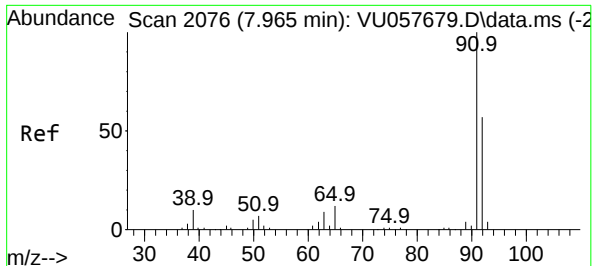
Ion Ratio Lower Upper

43 100

58 40.5 32.3 48.5

100 15.2 12.6 18.8





#42

Toluene

Concen: 4.330 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU057704.D

Acq: 26 Jan 2024 20:11

Instrument :

MSVOA_U

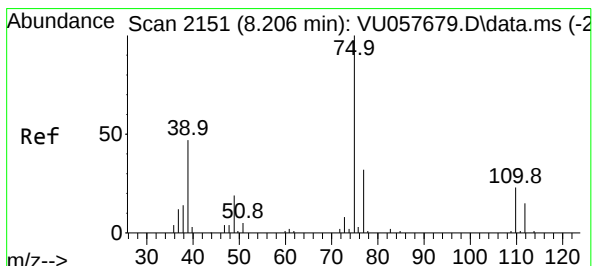
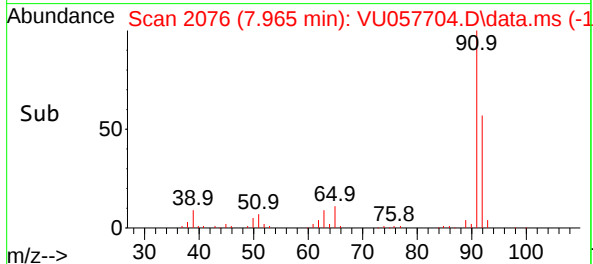
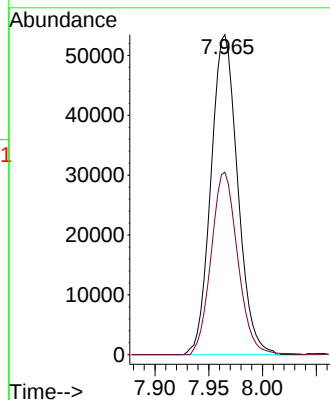
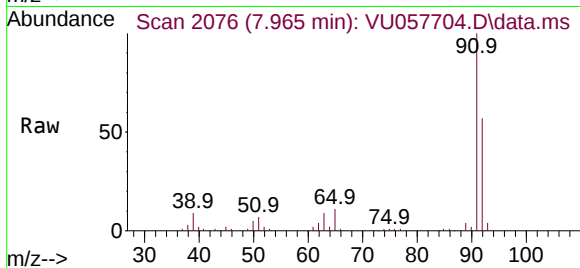
ClientSampleId :

Tgt Ion: 91 Resp: 92404

Ion Ratio Lower Upper

91 100

92 57.1 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 3.792 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU057704.D

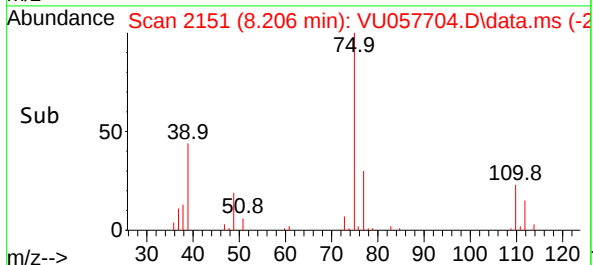
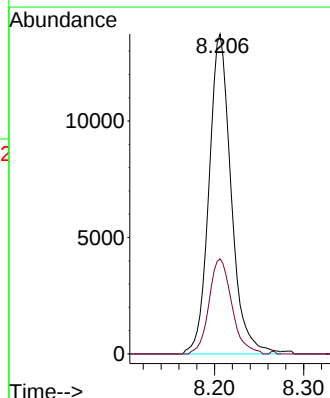
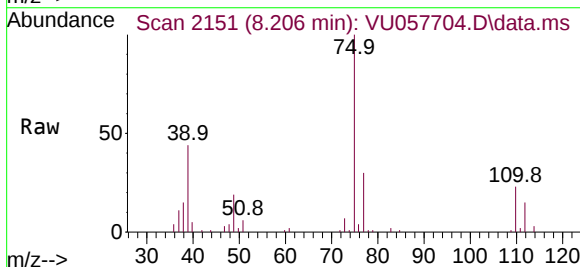
Acq: 26 Jan 2024 20:11

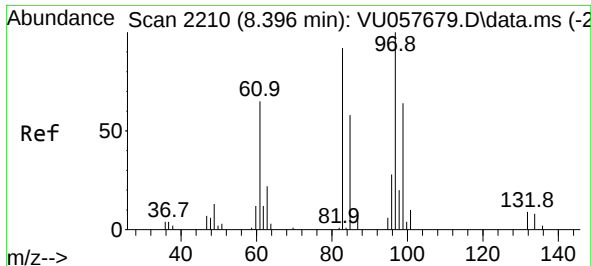
Tgt Ion: 75 Resp: 23711

Ion Ratio Lower Upper

75 100

77 29.7 21.3 39.6

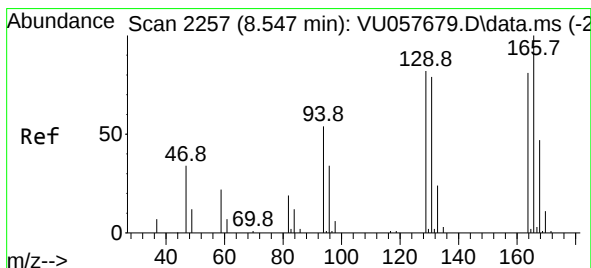
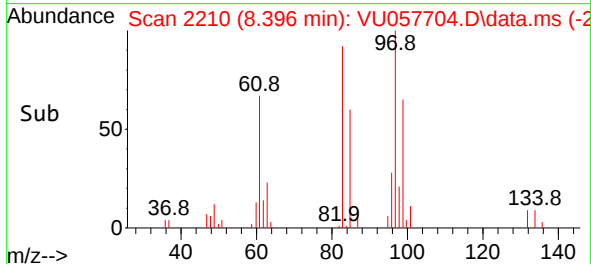
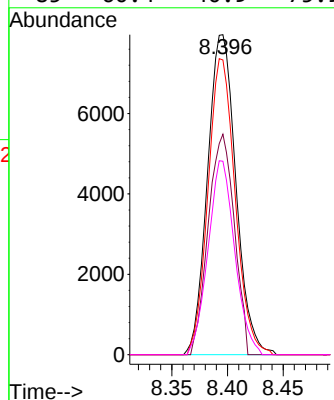
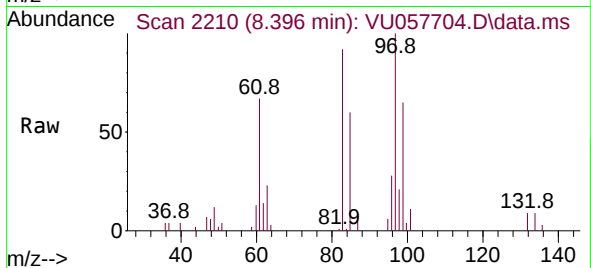




#45
1,1,2-Trichloroethane
Concen: 4.383 ug/L
RT: 8.396 min Scan# 2110
Delta R.T. 0.000 min
Lab File: VU057704.D
Acq: 26 Jan 2024 20:11

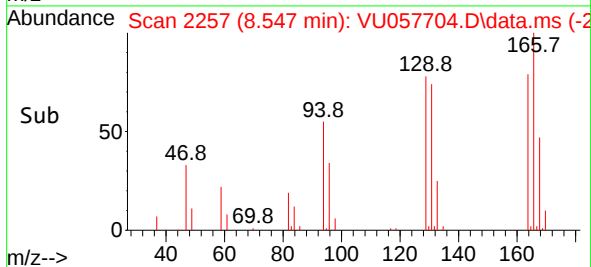
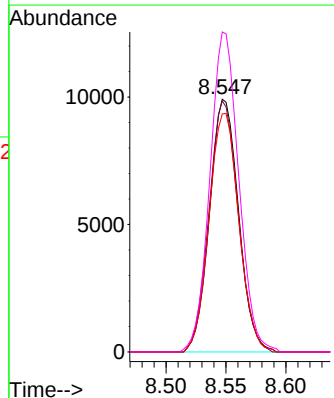
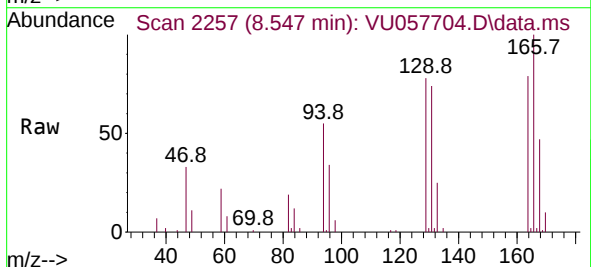
Instrument :
MSVOA_U
ClientSampleId :

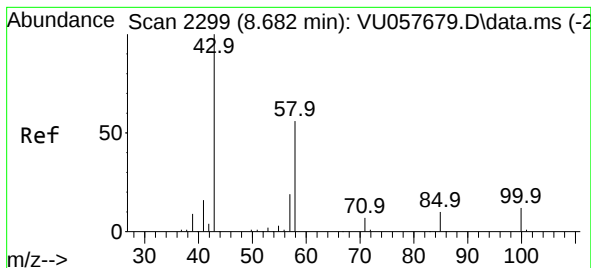
Tgt Ion:	97	Resp:	14116
Ion	Ratio	Lower	Upper
97	100		
99	68.9	45.1	83.7
83	92.1	62.3	115.7
85	60.4	40.9	75.9



#47
Tetrachloroethene
Concen: 4.155 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU057704.D
Acq: 26 Jan 2024 20:11

Tgt Ion:	164	Resp:	16659
Ion	Ratio	Lower	Upper
164	100		
129	99.3	71.3	132.5
131	94.1	68.1	126.5
166	126.5	87.4	162.4





#48

2-Hexanone

Concen: 43.080 ug/L

RT: 8.679 min Scan# 21

Delta R.T. -0.003 min

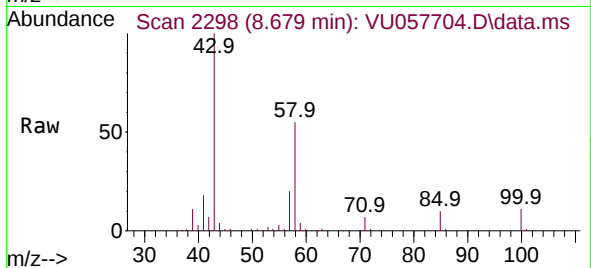
Lab File: VU057704.D

Acq: 26 Jan 2024 20:11

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 71419

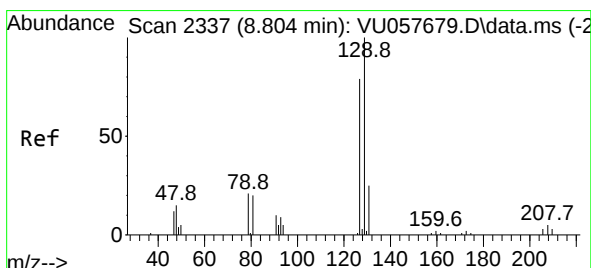
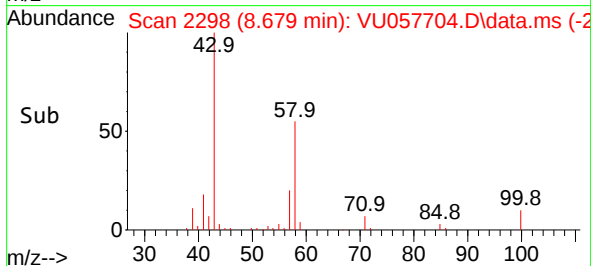
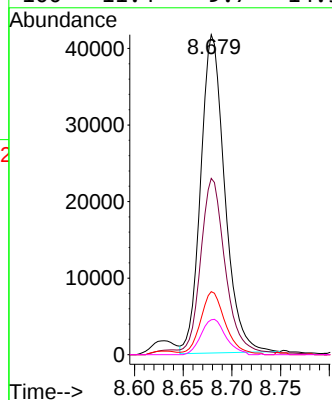
Ion Ratio Lower Upper

43 100

58 57.7 44.3 66.5

57 20.4 15.5 23.3

100 11.4 9.7 14.5



#49

Dibromochloromethane

Concen: 4.248 ug/L

RT: 8.804 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VU057704.D

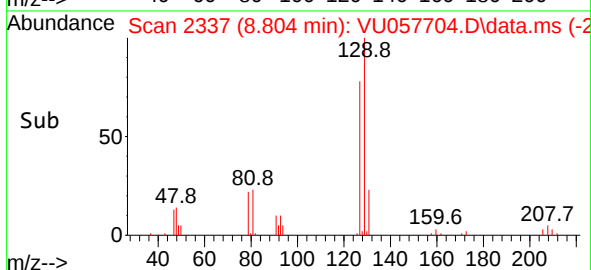
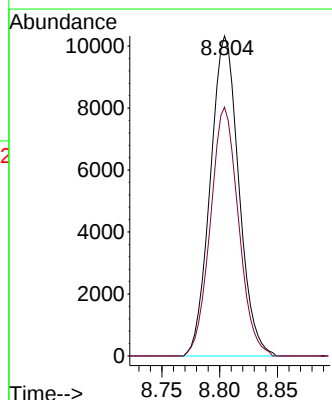
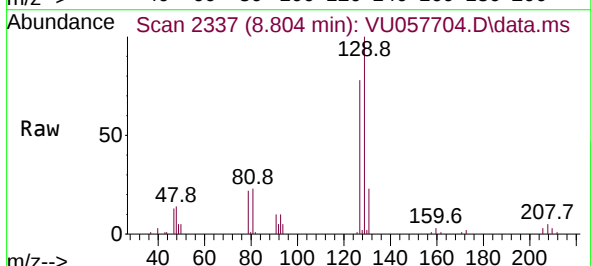
Acq: 26 Jan 2024 20:11

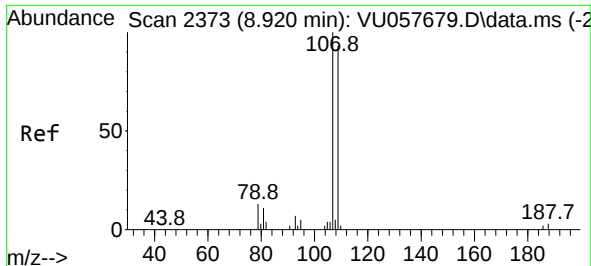
Tgt Ion: 129 Resp: 17716

Ion Ratio Lower Upper

129 100

127 77.7 54.5 101.1





#50

1,2-Dibromoethane

Concen: 4.448 ug/L

RT: 8.920 min Scan# 21

Delta R.T. 0.000 min

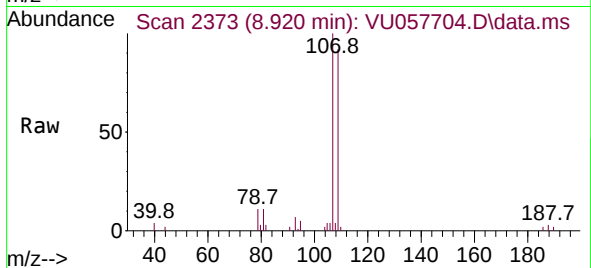
Lab File: VU057704.D

Acq: 26 Jan 2024 20:11

Instrument :

MSVOA_U

ClientSampleId :



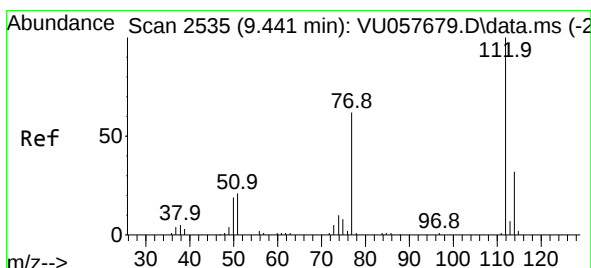
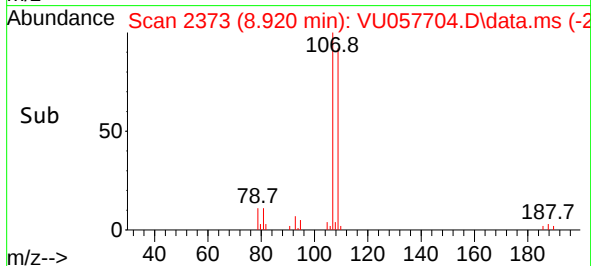
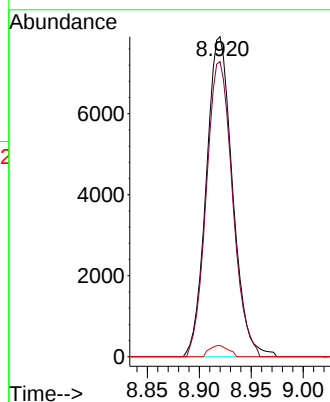
Tgt Ion:107 Resp: 13901

Ion Ratio Lower Upper

107 100

109 92.2 64.5 119.9

188 3.5 2.9 4.3



#51

Chlorobenzene

Concen: 4.249 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. 0.000 min

Lab File: VU057704.D

Acq: 26 Jan 2024 20:11

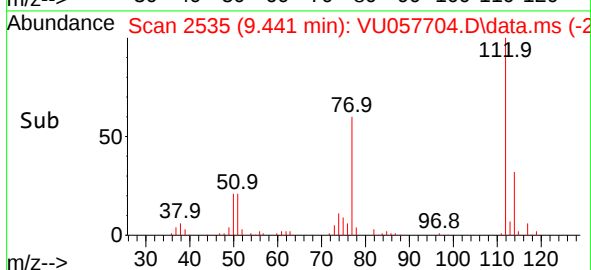
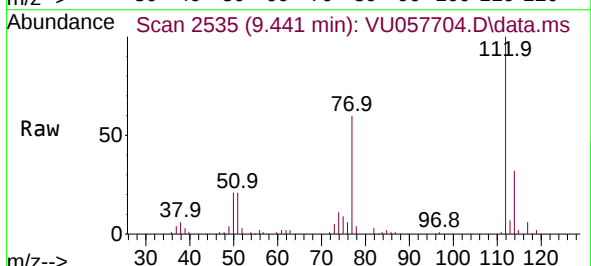
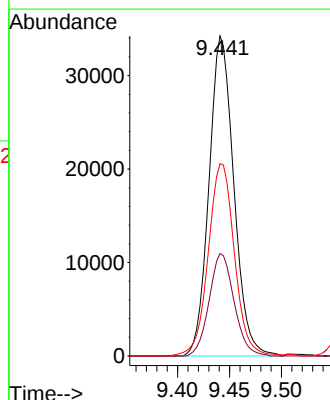
Tgt Ion:112 Resp: 56878

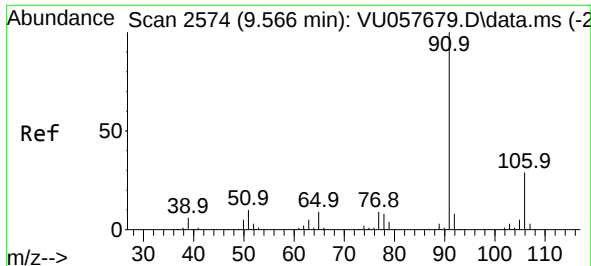
Ion Ratio Lower Upper

112 100

114 32.0 22.0 40.8

77 60.1 49.2 73.8

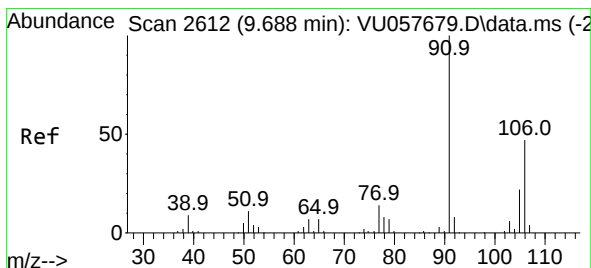
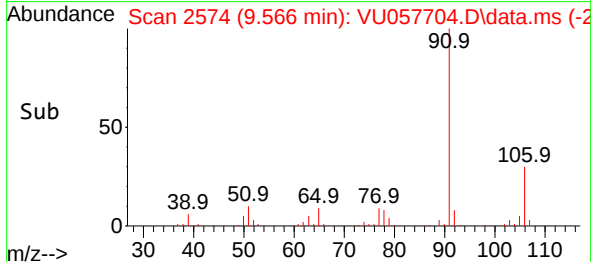
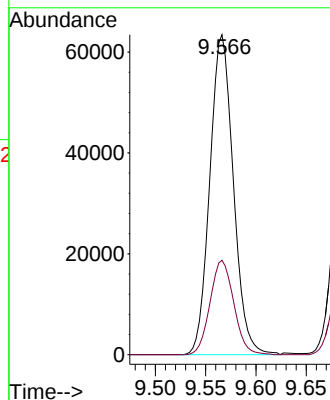
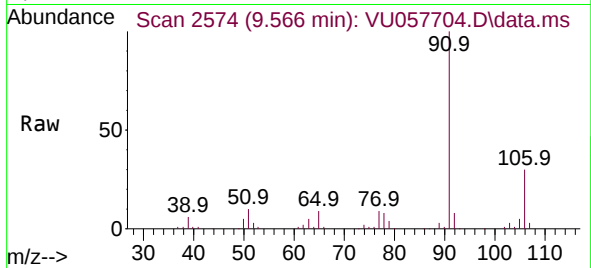




#52
Ethylbenzene
Concen: 4.297 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.000 min
Lab File: VU057704.D
Acq: 26 Jan 2024 20:11

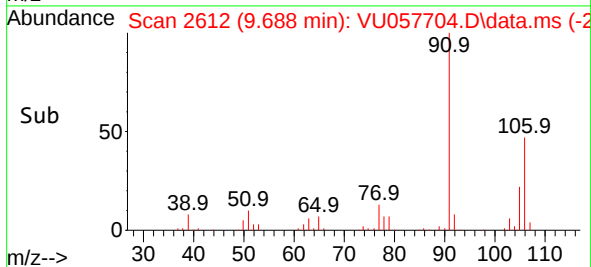
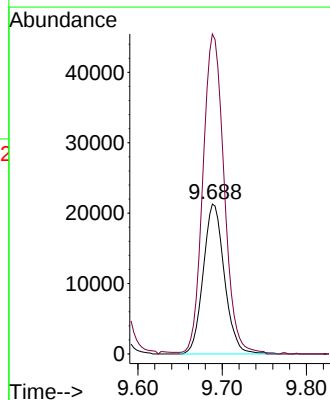
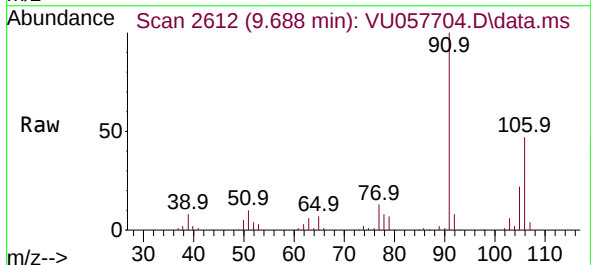
Instrument :
MSVOA_U
ClientSampleId :

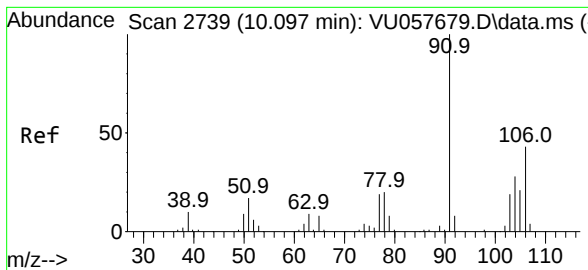
Tgt Ion: 91 Resp: 103318
Ion Ratio Lower Upper
91 100
106 29.5 21.3 39.5



#53
m,p-Xylene
Concen: 4.206 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU057704.D
Acq: 26 Jan 2024 20:11

Tgt Ion:106 Resp: 37320
Ion Ratio Lower Upper
106 100
91 213.5 146.9 272.9

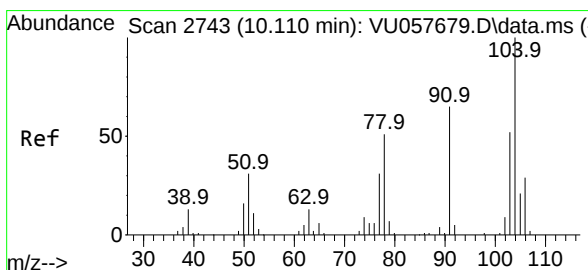
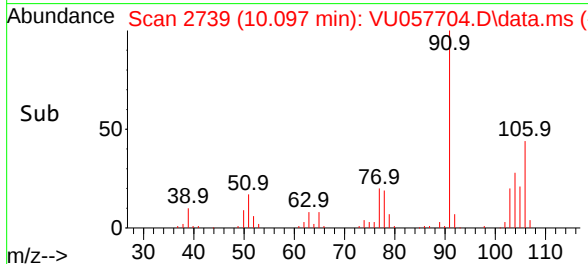
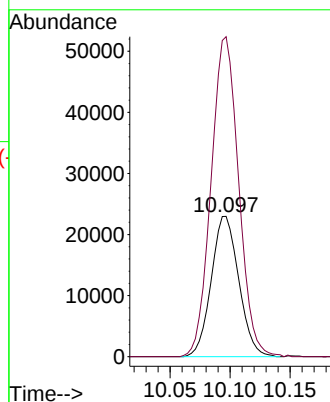
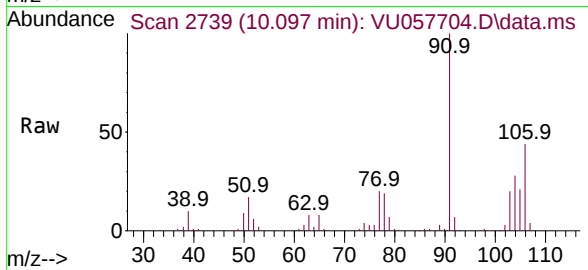




#54
o-Xylene
Concen: 4.239 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. 0.000 min
Lab File: VU057704.D
Acq: 26 Jan 2024 20:11

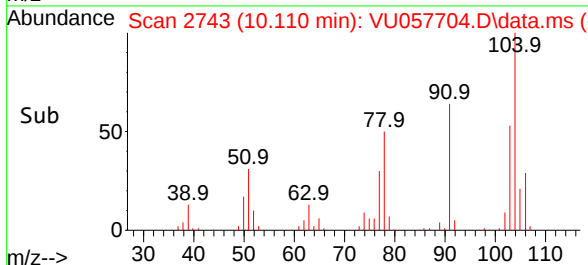
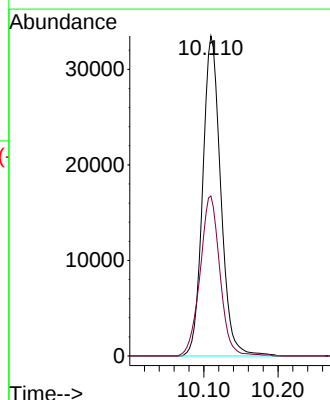
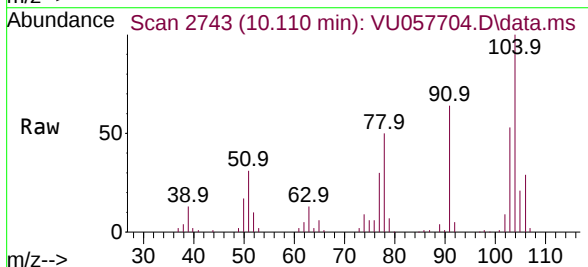
Instrument :
MSVOA_U
ClientSampleId :

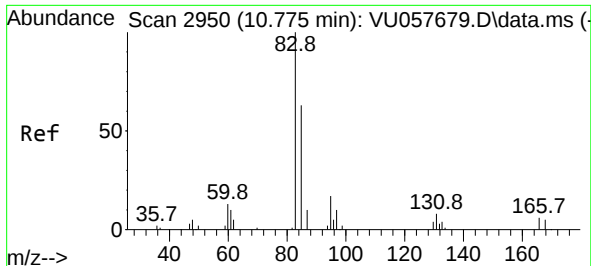
Tgt Ion:106 Resp: 36659
Ion Ratio Lower Upper
106 100
91 228.1 158.1 293.5



#55
Styrene
Concen: 4.274 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU057704.D
Acq: 26 Jan 2024 20:11

Tgt Ion:104 Resp: 56545
Ion Ratio Lower Upper
104 100
78 50.0 34.3 63.7





#57

1,1,2,2-Tetrachloroethane

Concen: 4.378 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU057704.D

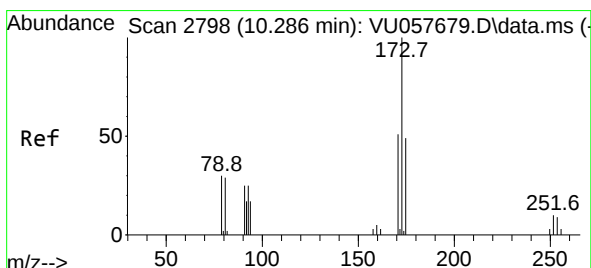
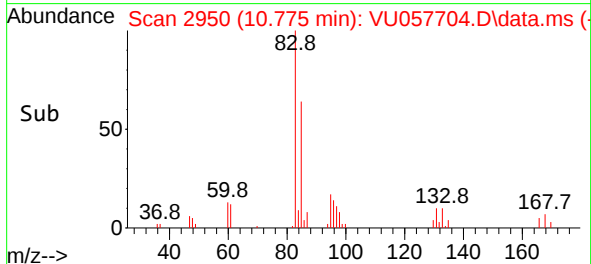
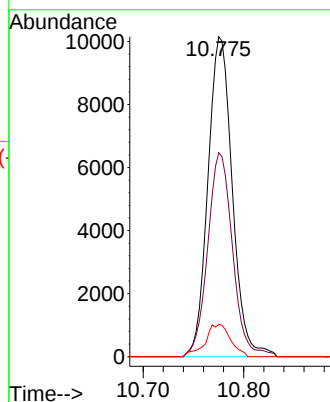
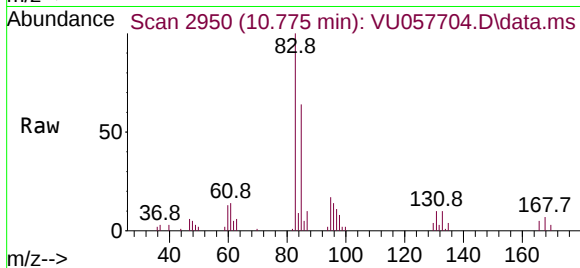
Acq: 26 Jan 2024 20:11

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	17108
Ion	Ratio	Lower	Upper
83	100		
85	63.7	44.4	82.5
131	10.1	8.3	12.5



#59

Bromoform

Concen: 4.330 ug/L

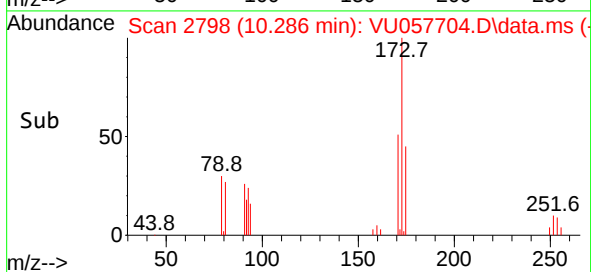
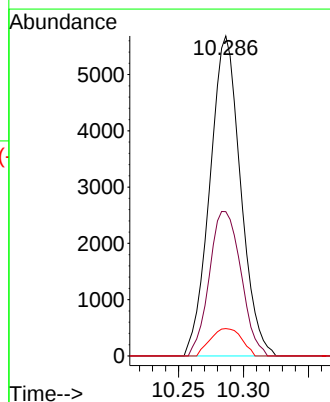
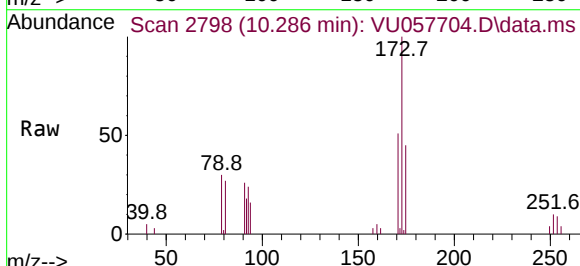
RT: 10.286 min Scan# 2798

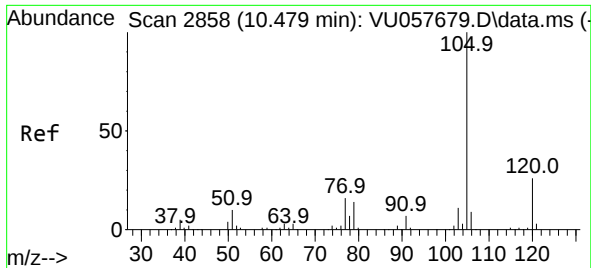
Delta R.T. 0.000 min

Lab File: VU057704.D

Acq: 26 Jan 2024 20:11

Tgt Ion:	173	Resp:	9323
Ion	Ratio	Lower	Upper
173	100		
175	46.5	37.5	56.3
254	8.7	7.2	10.8

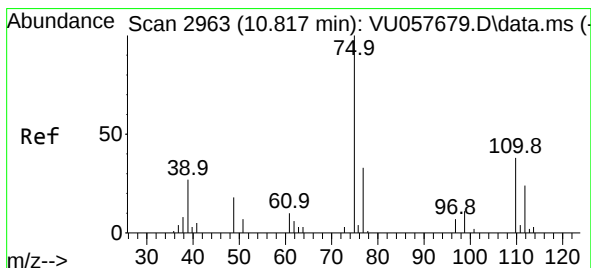
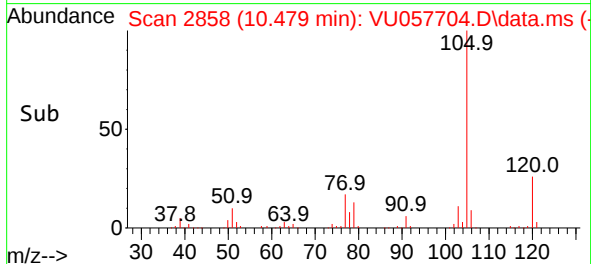
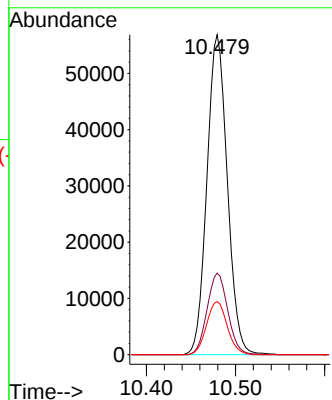
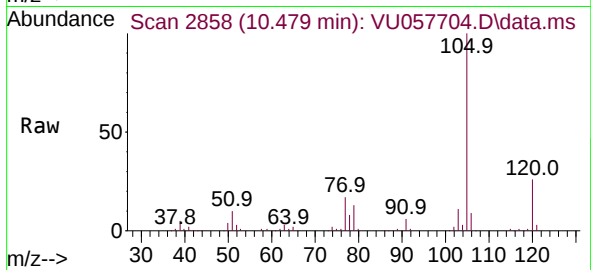




#60
Isopropylbenzene
Concen: 4.350 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VU057704.D
Acq: 26 Jan 2024 20:11

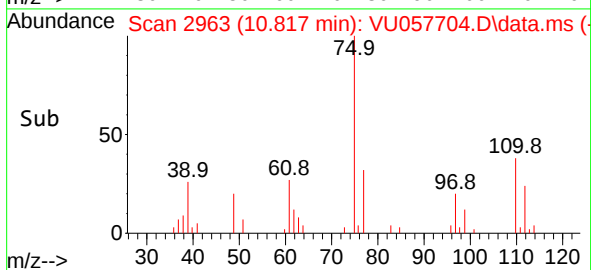
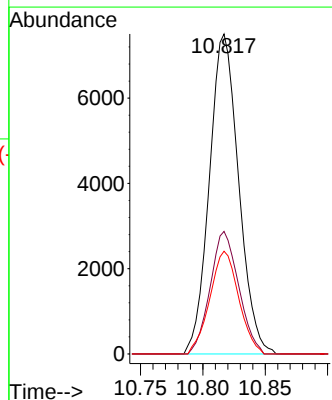
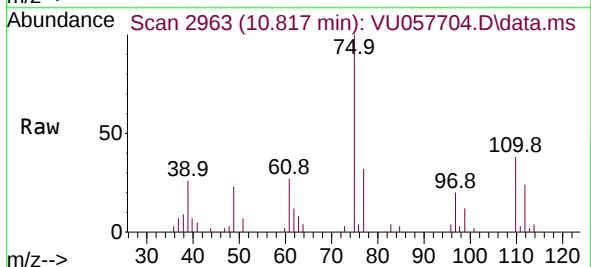
Instrument :
MSVOA_U
ClientSampleId :

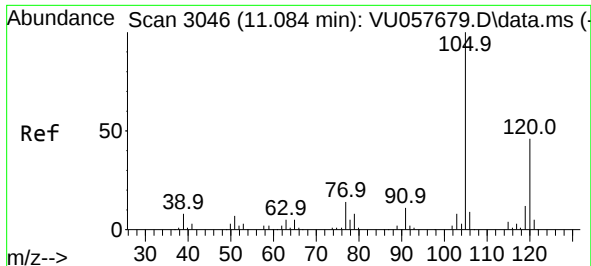
Tgt Ion:105 Resp: 90343
Ion Ratio Lower Upper
105 100
120 25.8 20.8 31.2
77 16.8 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 4.612 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. 0.000 min
Lab File: VU057704.D
Acq: 26 Jan 2024 20:11

Tgt Ion: 75 Resp: 12270
Ion Ratio Lower Upper
75 100
110 37.3 30.1 45.1
77 31.7 25.5 38.3

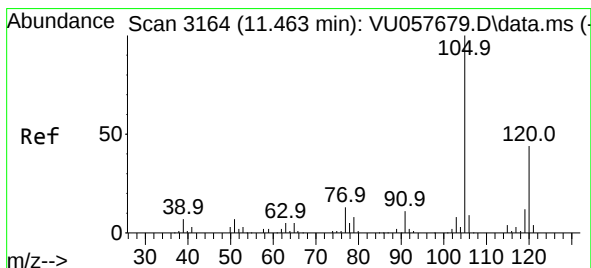
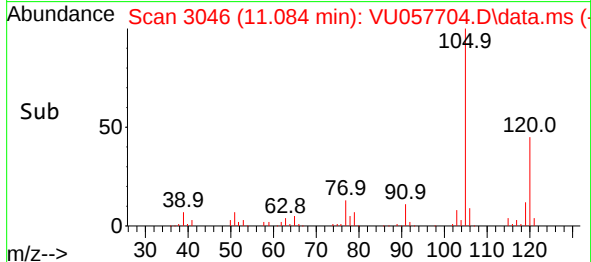
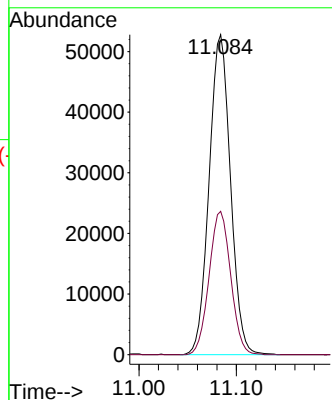
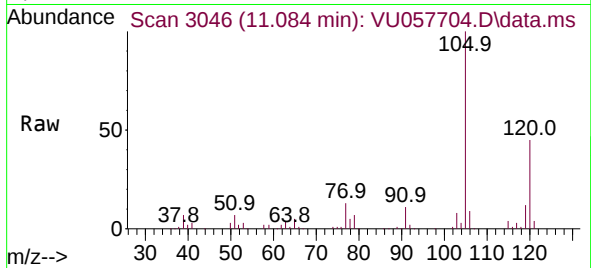




#62
1,3,5-Trimethylbenzene
Concen: 4.346 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU057704.D
Acq: 26 Jan 2024 20:11

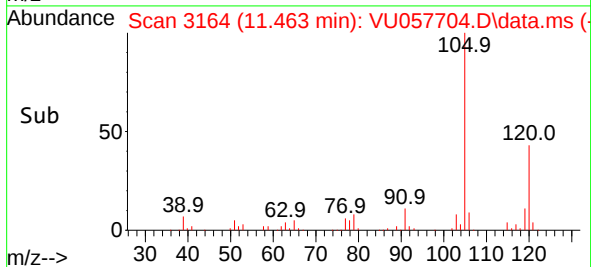
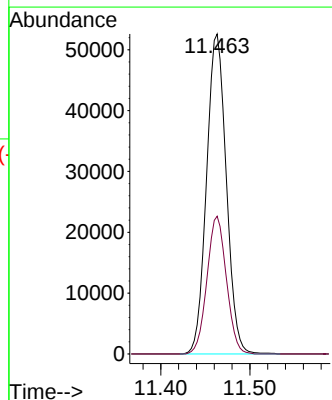
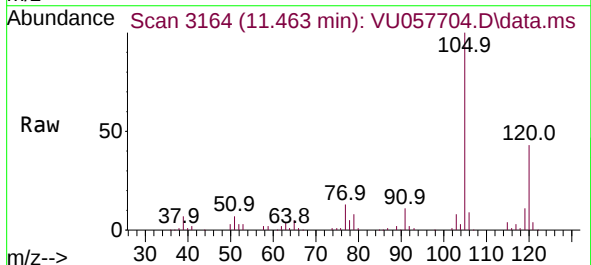
Instrument :
MSVOA_U
ClientSampleId :

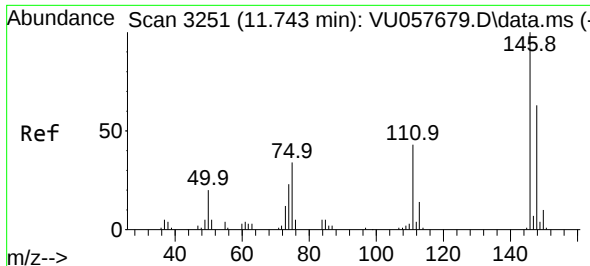
Tgt Ion:105 Resp: 80443
Ion Ratio Lower Upper
105 100
120 45.3 36.9 55.3



#63
1,2,4-Trimethylbenzene
Concen: 4.363 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU057704.D
Acq: 26 Jan 2024 20:11

Tgt Ion:105 Resp: 80812
Ion Ratio Lower Upper
105 100
120 42.3 35.0 52.4

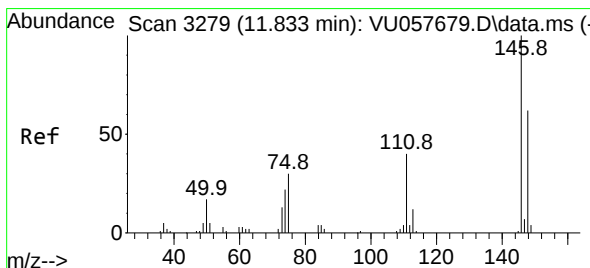
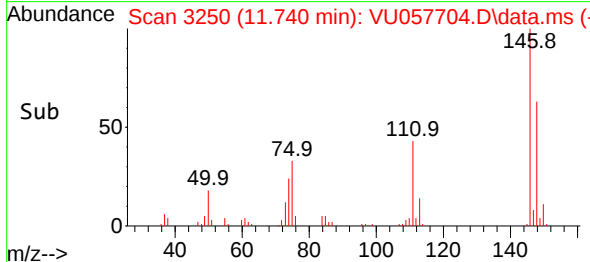
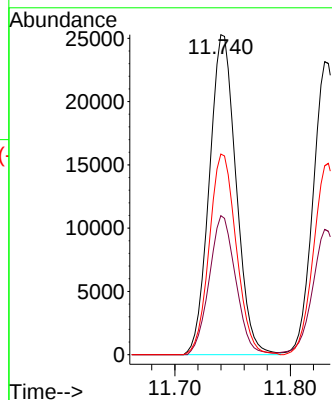
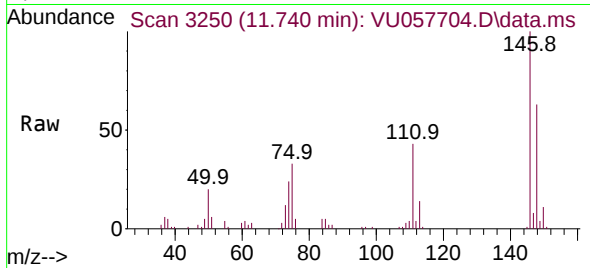




#64
1,3-Dichlorobenzene
Concen: 4.291 ug/L
RT: 11.740 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU057704.D
Acq: 26 Jan 2024 20:11

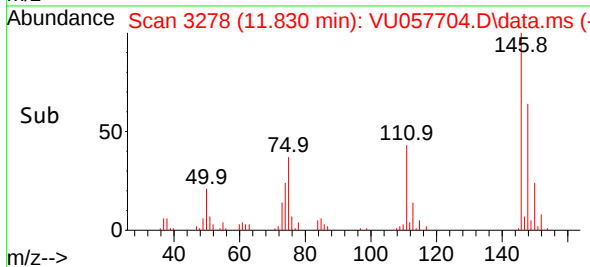
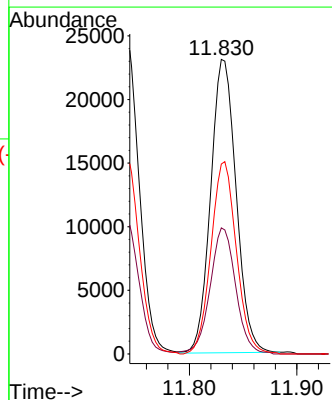
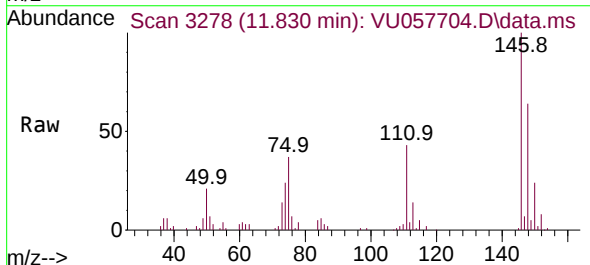
Instrument :
MSVOA_U
ClientSampleId :

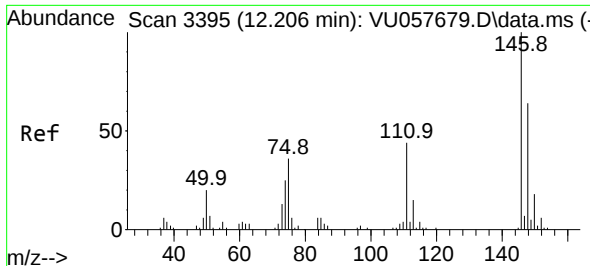
Tgt Ion:146 Resp: 40680
Ion Ratio Lower Upper
146 100
111 43.5 29.6 55.0
148 62.7 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 4.191 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.003 min
Lab File: VU057704.D
Acq: 26 Jan 2024 20:11

Tgt Ion:146 Resp: 38029
Ion Ratio Lower Upper
146 100
111 42.8 29.5 54.7
148 64.5 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 4.408 ug/L

RT: 12.206 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU057704.D

Acq: 26 Jan 2024 20:11

Instrument :

MSVOA_U

ClientSampleId :

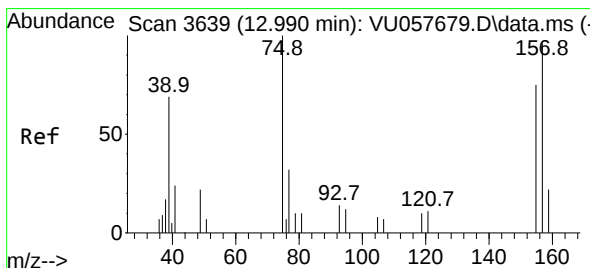
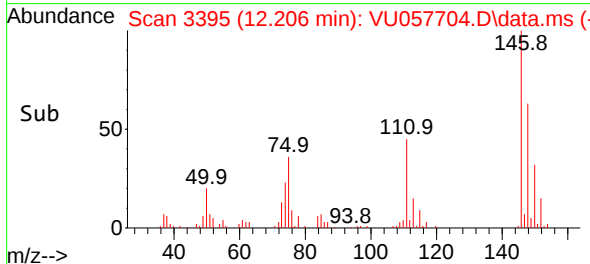
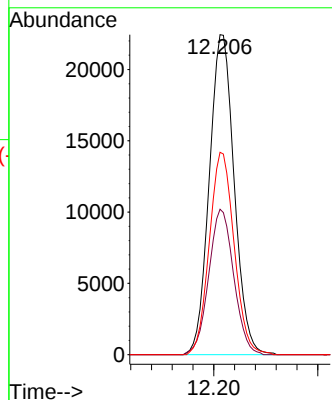
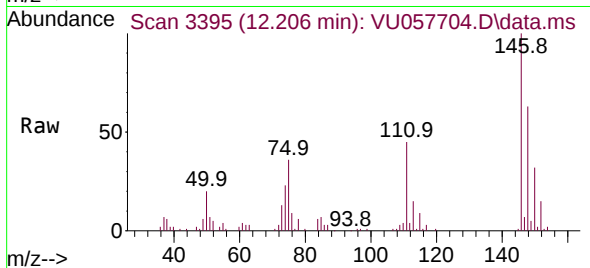
Tgt Ion:146 Resp: 37287

Ion Ratio Lower Upper

146 100

111 45.4 35.7 53.5

148 63.3 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 5.118 ug/L

RT: 12.990 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU057704.D

Acq: 26 Jan 2024 20:11

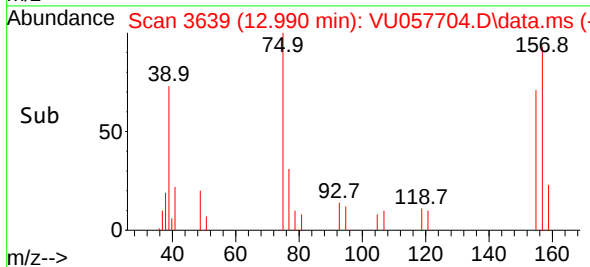
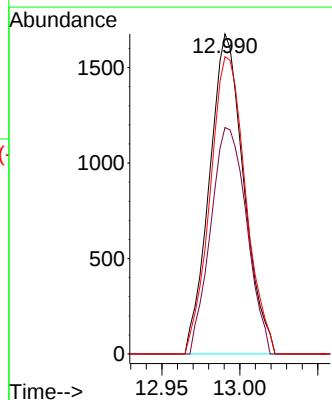
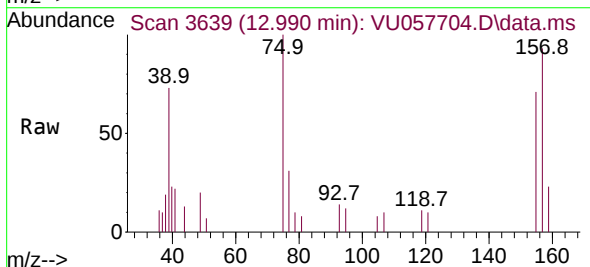
Tgt Ion: 75 Resp: 2563

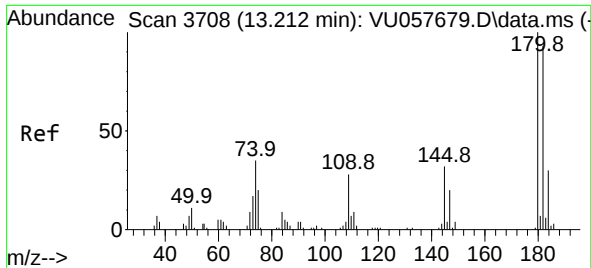
Ion Ratio Lower Upper

75 100

155 70.8 62.8 94.2

157 92.9 78.9 118.3





#69

1,3,5-Trichlorobenzene

Concen: 4.149 ug/L

RT: 13.216 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU057704.D

Acq: 26 Jan 2024 20:11

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 28872

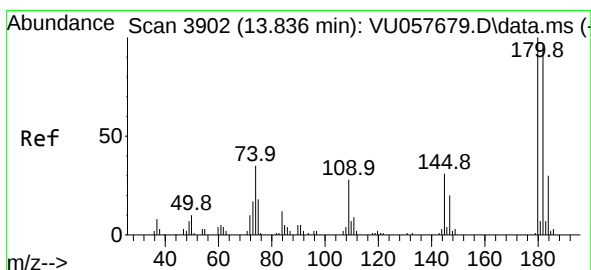
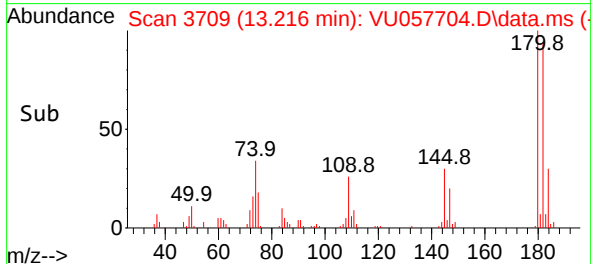
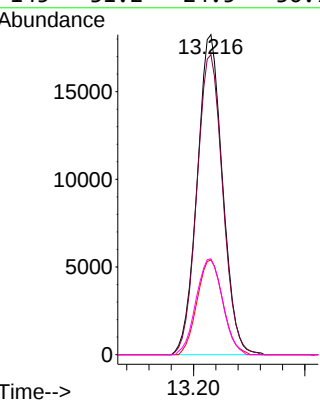
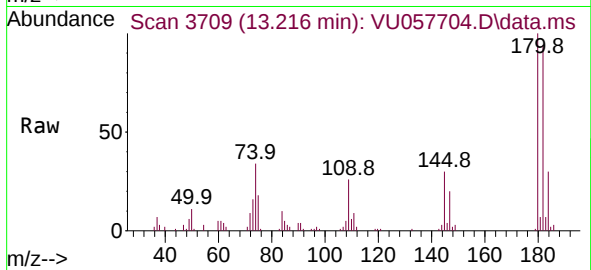
Ion Ratio Lower Upper

180 100

182 95.4 75.4 113.2

184 30.2 24.1 36.1

145 31.2 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 4.507 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.000 min

Lab File: VU057704.D

Acq: 26 Jan 2024 20:11

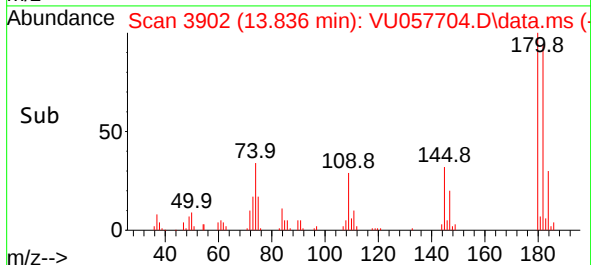
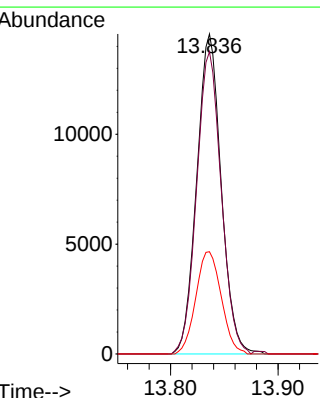
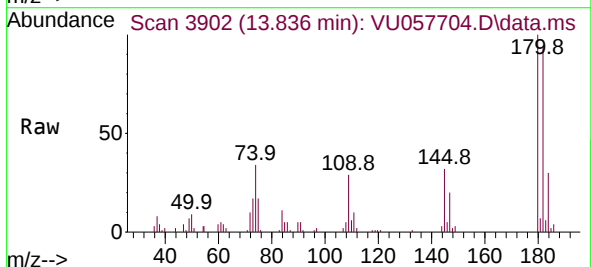
Tgt Ion:180 Resp: 22975

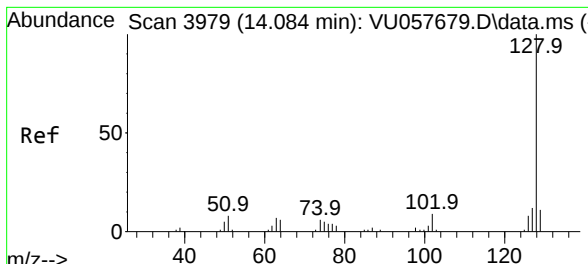
Ion Ratio Lower Upper

180 100

182 95.0 74.9 112.3

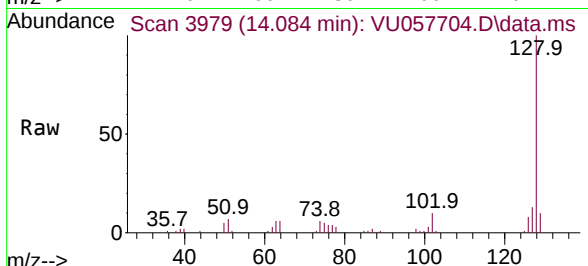
145 33.3 25.4 38.2



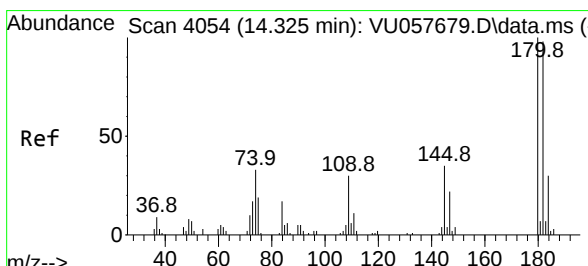
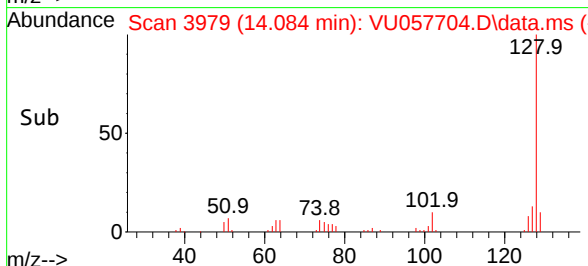
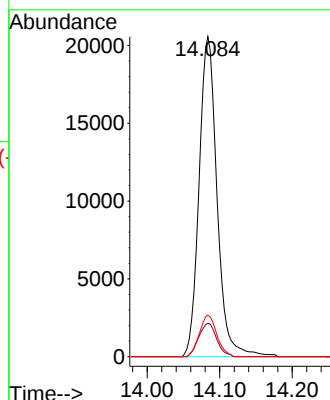


#71
Naphthalene
Concen: 4.912 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. 0.000 min
Lab File: VU057704.D
Acq: 26 Jan 2024 20:11

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	128	Resp:	35445
Ion Ratio	Lower	Upper	
128	100		
129	10.4	8.6	13.0
127	12.6	10.0	15.0



#72
1,2,3-Trichlorobenzene
Concen: 4.763 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU057704.D
Acq: 26 Jan 2024 20:11

Tgt Ion:	180	Resp:	18896
Ion Ratio	Lower	Upper	
180	100		
182	93.5	78.1	117.1
145	33.6	26.7	40.1

