

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010824\
 Data File : VU057406.D
 Acq On : 09 Jan 2024 00:45
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 09 05:09:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010824WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 09 00:42:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	284329	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	277471	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	135309	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	90372	46.180	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	92.360%		
7) Chloroethane-d5	1.914	69	66966	44.219	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.440%		
11) 1,1-Dichloroethene-d2	2.560	63	187934	45.308	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.620%		
21) 2-Butanone-d5	4.631	46	97115	102.415	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	102.410%		
24) Chloroform-d	5.055	84	208790	45.118	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.240%		
26) 1,2-Dichloroethane-d4	5.692	65	140408	45.928	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.860%		
32) Benzene-d6	5.721	84	359014	48.201	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.400%		
36) 1,2-Dichloropropane-d6	6.682	67	99255	47.215	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.420%		
41) Toluene-d8	7.891	98	340824	48.830	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.660%		
43) trans-1,3-Dichloroprop...	8.174	79	61655	49.137	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	98.280%		
47) 2-Hexanone-d5	8.644	63	76516	111.341	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery =	111.340%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	151387	48.189	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.380%		
66) 1,2-Dichlorobenzene-d4	12.190	152	126243	47.703	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.400%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.383	85	150072	46.266	ug/L	98
3) Chloromethane	1.518	50	93994	46.180	ug/L	99
5) Vinyl chloride	1.605	62	103956	47.709	ug/L	98
6) Bromomethane	1.859	94	66562	46.153	ug/L	98
8) Chloroethane	1.933	64	58632	46.002	ug/L	90
9) Trichlorofluoromethane	2.129	101	207667	45.677	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	101103	46.305	ug/L	98
12) 1,1-Dichloroethene	2.570	96	90842	47.152	ug/L	93
13) Acetone	2.647	43	82424	71.378	ug/L	67
14) Carbon disulfide	2.785	76	278774	46.718	ug/L	98
15) Methyl Acetate	2.949	43	73880	49.043	ug/L	97
16) Methylene chloride	3.039	84	102254	46.681	ug/L	99
17) trans-1,2-Dichloroethene	3.345	96	94214	47.801	ug/L	97
18) Methyl tert-butyl Ether	3.354	73	321728	50.997	ug/L	99
19) 1,1-Dichloroethane	3.859	63	172202	47.194	ug/L	99
20) cis-1,2-Dichloroethene	4.657	96	103129	48.915	ug/L	98
22) 2-Butanone	4.714	43	105931	93.100	ug/L	100
23) Bromochloromethane	4.968	128	56573	46.745	ug/L	96
25) Chloroform	5.078	83	207870	46.941	ug/L	99

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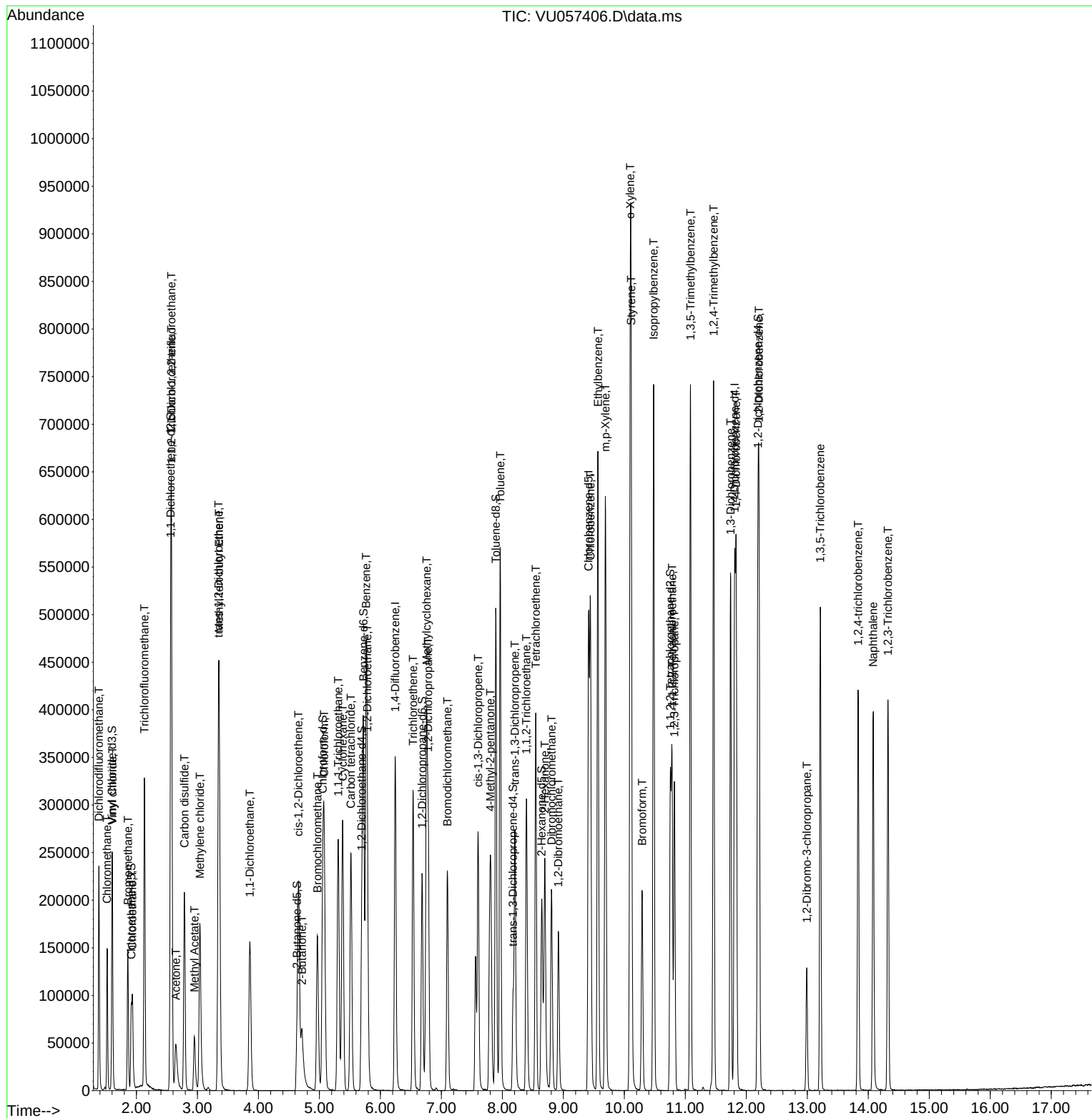
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	179203	48.041	ug/L	100
29) Cyclohexane	5.383	56	133593	50.890	ug/L	99
30) 1,1,1-Trichloroethane	5.309	97	201360	47.167	ug/L	99
31) Carbon tetrachloride	5.515	117	179674	47.452	ug/L	99
33) Benzene	5.766	78	387491	49.693	ug/L	100
34) Trichloroethene	6.534	95	110826	48.681	ug/L	98
35) Methylcyclohexane	6.756	83	155628	50.245	ug/L	100
37) 1,2-Dichloropropane	6.782	63	94811	49.272	ug/L	100
38) Bromodichloromethane	7.097	83	155430	47.682	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	168939	50.138	ug/L	99
40) 4-Methyl-2-pentanone	7.801	43	213386	108.835	ug/L	99
42) Toluene	7.965	91	422156	50.347	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	168869	49.920	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	104990	49.588	ug/L	98
46) Tetrachloroethene	8.547	164	83928	48.735	ug/L	96
48) 2-Hexanone	8.695	43	159254	100.961	ug/L	97
49) Dibromochloromethane	8.804	129	122401	47.438	ug/L	100
50) 1,2-Dibromoethane	8.917	107	113216	50.411	ug/L	97
51) Chlorobenzene	9.444	112	277179	49.197	ug/L	98
52) Ethylbenzene	9.566	91	483910	51.827	ug/L	98
53) m,p-Xylene	9.689	106	182619	52.321	ug/L	100
54) o-Xylene	10.097	106	173511	50.904	ug/L	97
55) Styrene	10.113	104	302263	52.366	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.782	83	158152	49.538	ug/L	97
59) Bromoform	10.290	173	96345	49.107	ug/L	99
60) 1,2,3-Trichloropropane	10.820	75	132925	51.864	ug/L	99
61) Isopropylbenzene	10.480	105	475791	53.693	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	412161	54.387	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	409537	55.051	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	212897	50.980	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	213727	49.857	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	209809	49.845	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.991	75	34176	49.939	ug/L	93
69) 1,3,5-Trichlorobenzene	13.213	180	148705	49.745	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	123227	54.144	ug/L	100
71) Naphthalene	14.081	128	316030	59.428	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	119549	55.544	ug/L	99

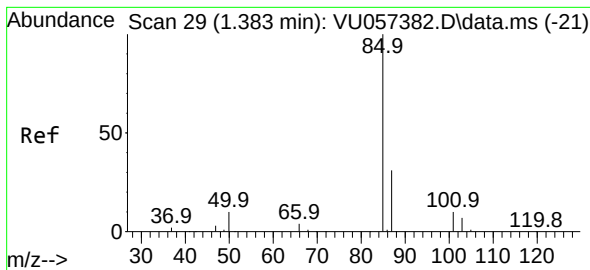
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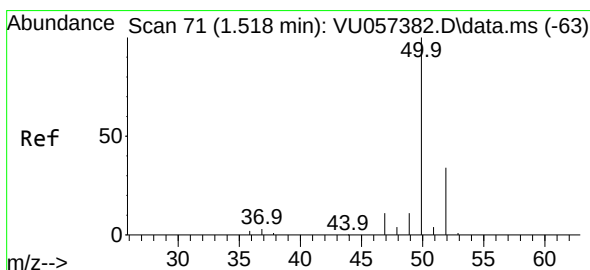
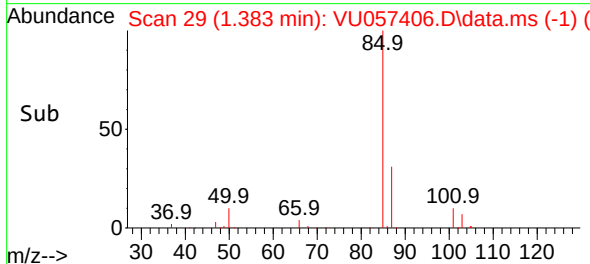
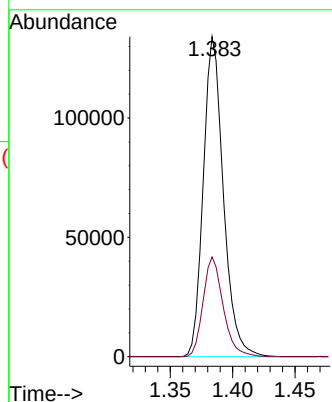
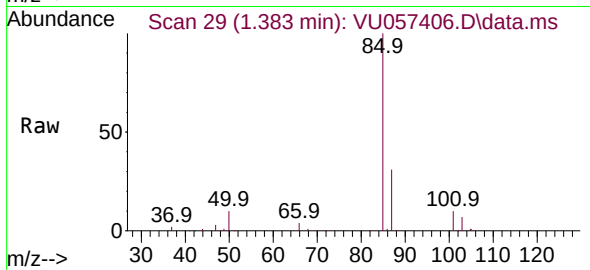




#2
Dichlorodifluoromethane
Concen: 46.266 ug/L
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU057406.D
Acq: 09 Jan 2024 00:45

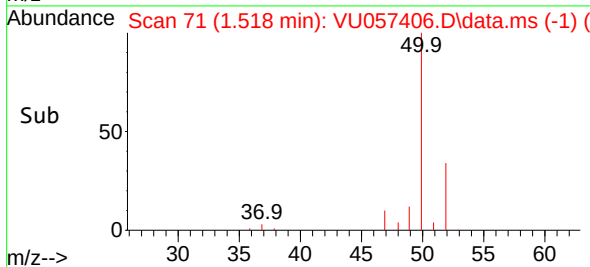
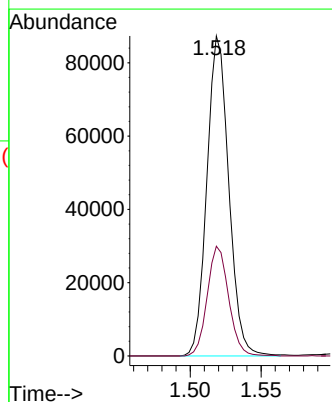
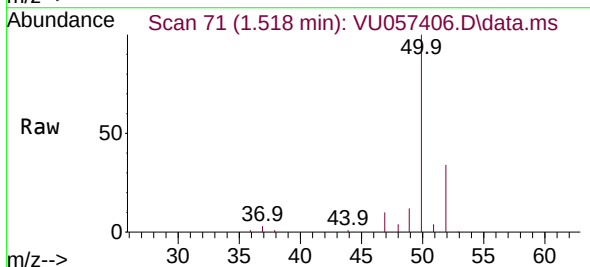
Instrument :
MSVOA_U
ClientSampleId :

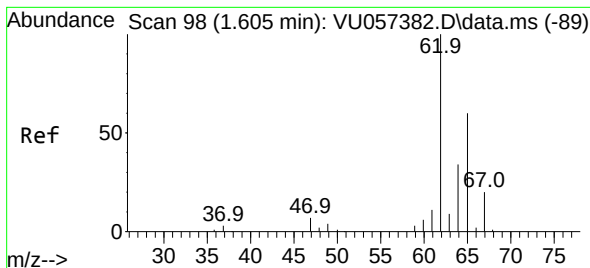
Tgt Ion: 85 Resp: 150072
Ion Ratio Lower Upper
85 100
87 31.0 25.8 38.6



#3
Chloromethane
Concen: 46.180 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU057406.D
Acq: 09 Jan 2024 00:45

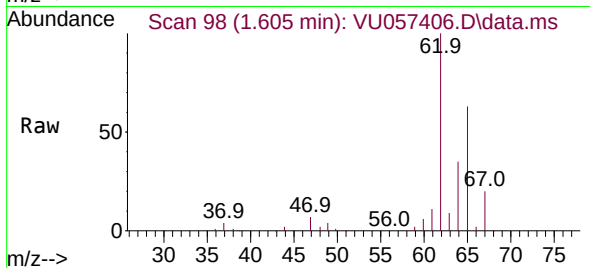
Tgt Ion: 50 Resp: 93994
Ion Ratio Lower Upper
50 100
52 34.3 23.7 43.9



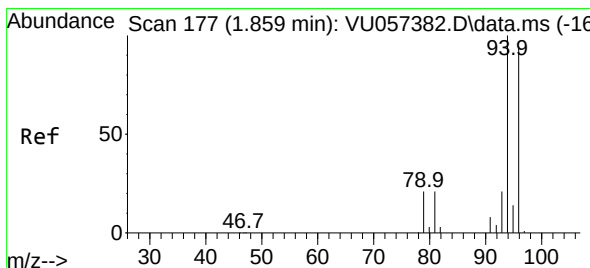
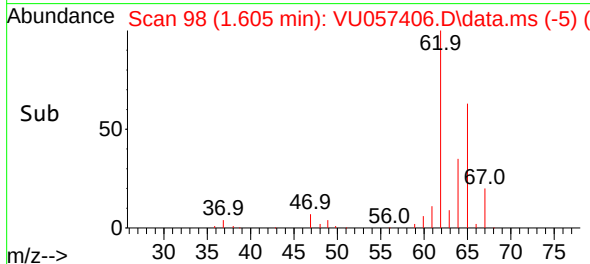
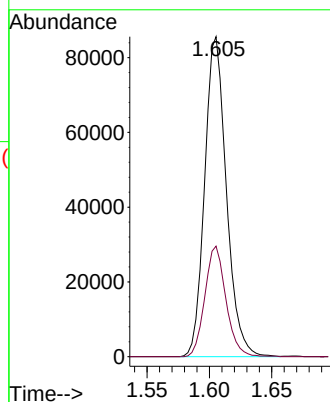


#5
Vinyl chloride
Concen: 47.709 ug/L
RT: 1.605 min Scan# 98
Delta R.T. 0.000 min
Lab File: VU057406.D
Acq: 09 Jan 2024 00:45

Instrument :
MSVOA_U
ClientSampleId :

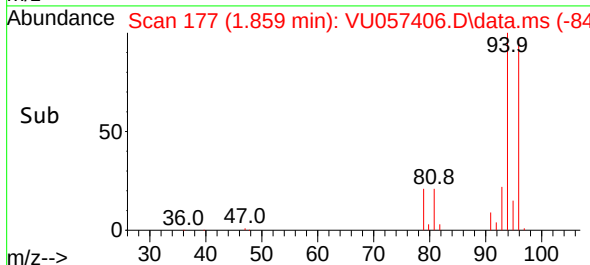
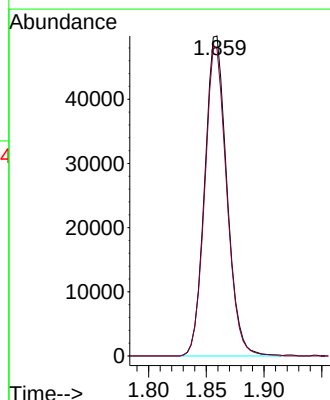
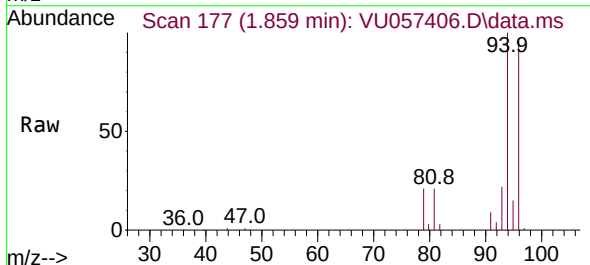


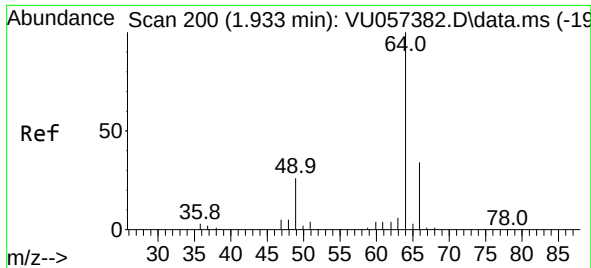
Tgt Ion: 62 Resp: 103956
Ion Ratio Lower Upper
62 100
64 34.5 23.3 43.3



#6
Bromomethane
Concen: 46.153 ug/L
RT: 1.859 min Scan# 177
Delta R.T. 0.000 min
Lab File: VU057406.D
Acq: 09 Jan 2024 00:45

Tgt Ion: 94 Resp: 66562
Ion Ratio Lower Upper
94 100
96 96.0 65.9 122.5

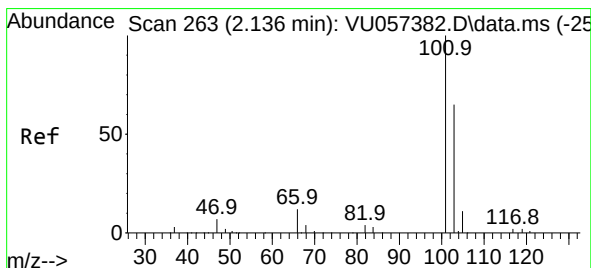
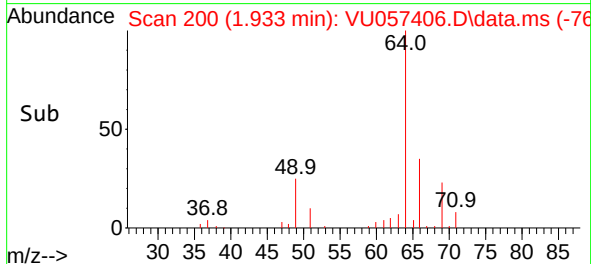
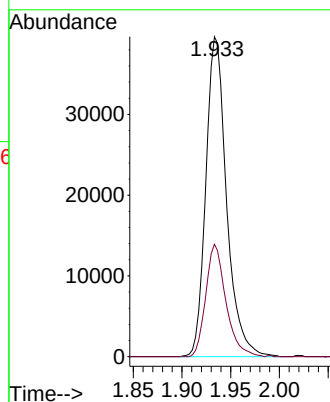
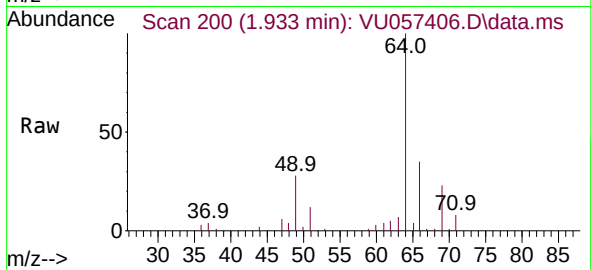




#8
Chloroethane
Concen: 46.002 ug/L
RT: 1.933 min Scan# 200
Delta R.T. 0.000 min
Lab File: VU057406.D
Acq: 09 Jan 2024 00:45

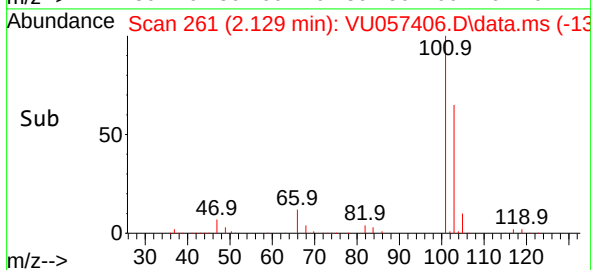
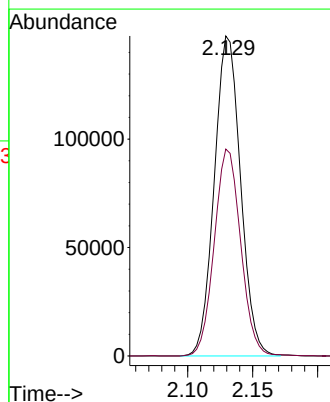
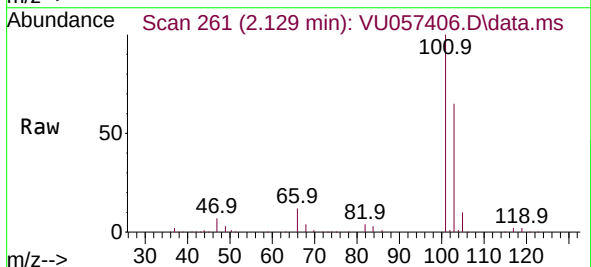
Instrument :
MSVOA_U
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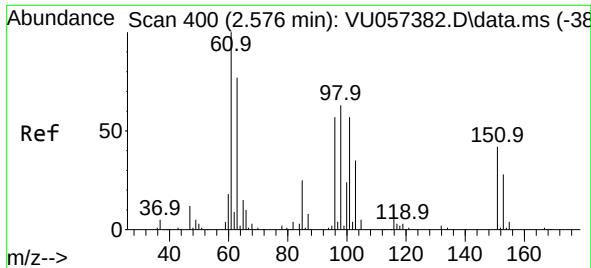
Tgt Ion: 64 Resp: 58632
Ion Ratio Lower Upper
64 100
66 35.2 20.9 38.9



#9
Trichlorofluoromethane
Concen: 45.677 ug/L
RT: 2.129 min Scan# 261
Delta R.T. -0.007 min
Lab File: VU057406.D
Acq: 09 Jan 2024 00:45

Tgt Ion:101 Resp: 207667
Ion Ratio Lower Upper
101 100
103 65.0 53.4 80.0

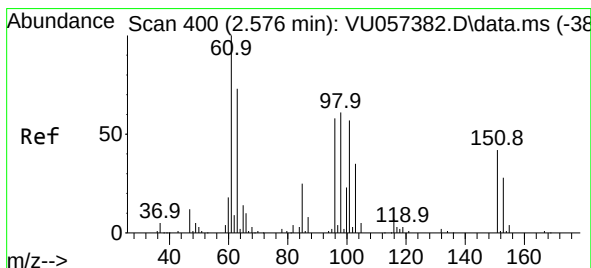
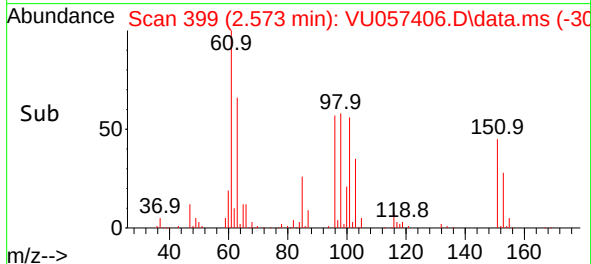
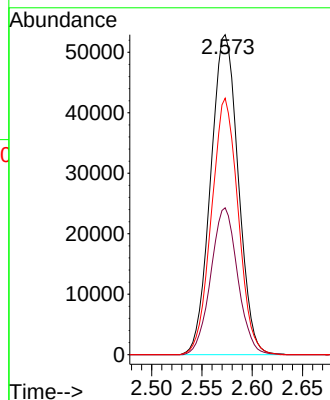
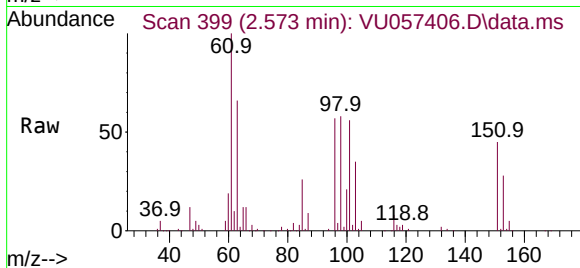




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 46.305 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU057406.D
Acq: 09 Jan 2024 00:45

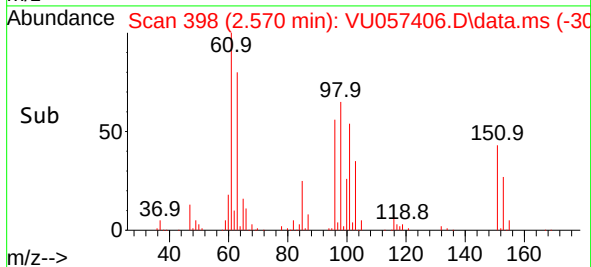
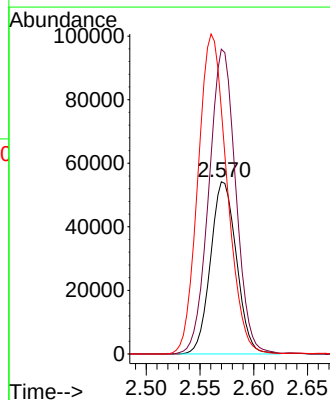
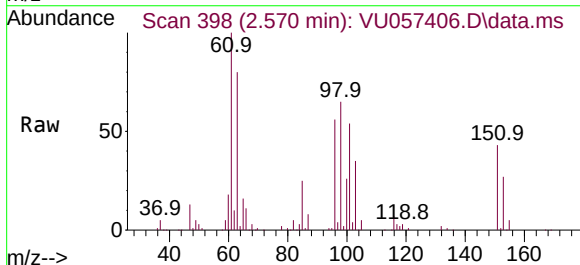
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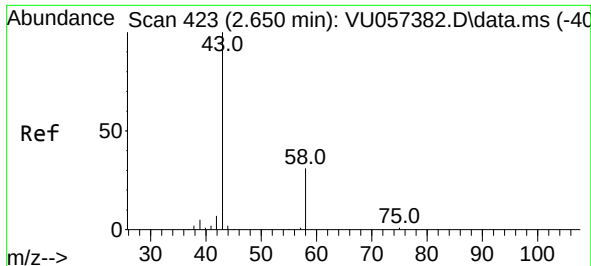
Tgt Ion:101 Resp: 101103
Ion Ratio Lower Upper
101 100
85 44.7 37.0 55.4
151 77.6 63.7 95.5



#12
1,1-Dichloroethene
Concen: 47.152 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.006 min
Lab File: VU057406.D
Acq: 09 Jan 2024 00:45

Tgt Ion: 96 Resp: 90842
Ion Ratio Lower Upper
96 100
61 177.2 128.3 238.3
63 142.2 90.4 168.0





#13

Acetone

Concen: 71.378 ug/L

RT: 2.647 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU057406.D

Acq: 09 Jan 2024 00:45

Instrument :

MSVOA_U

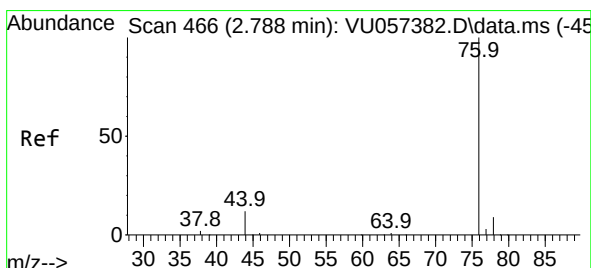
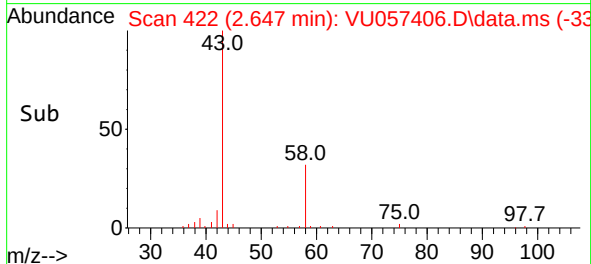
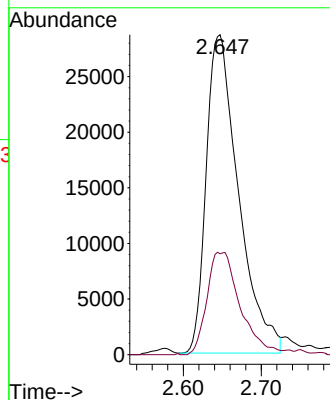
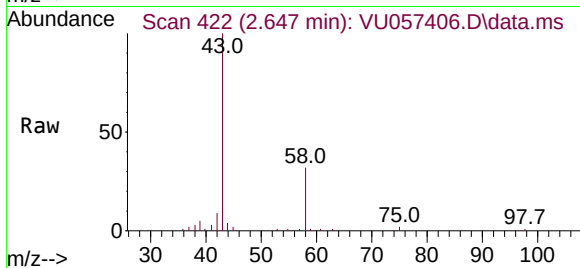
ClientSampleId :

Tgt Ion: 43 Resp: 82424

Ion Ratio Lower Upper

43 100

58 13.9 0.0 65.2



#14

Carbon disulfide

Concen: 46.718 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU057406.D

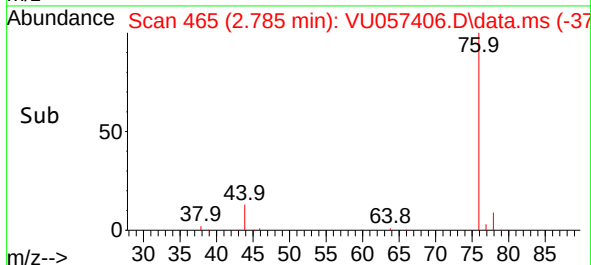
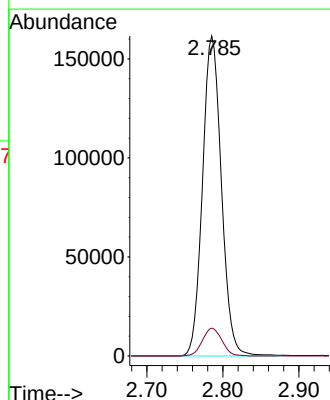
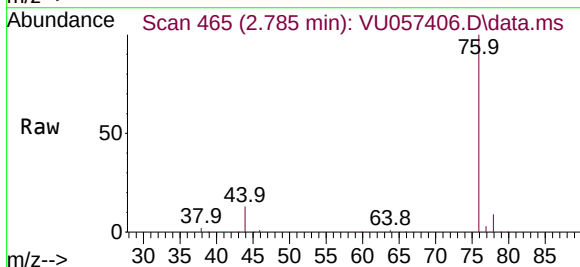
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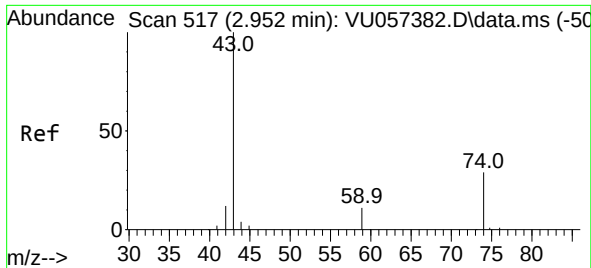
Tgt Ion: 76 Resp: 278774

Ion Ratio Lower Upper

76 100

78 8.7 7.5 11.3

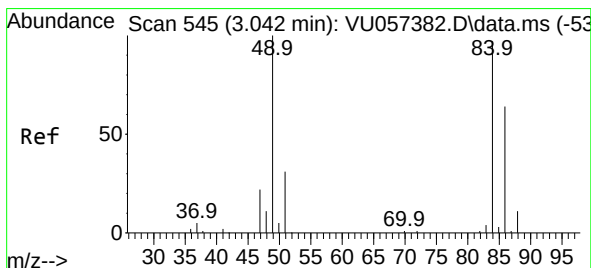
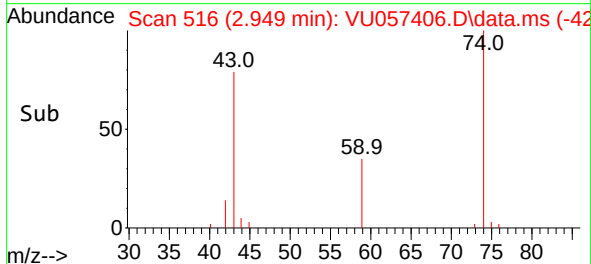
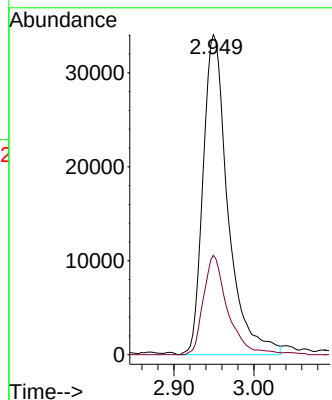
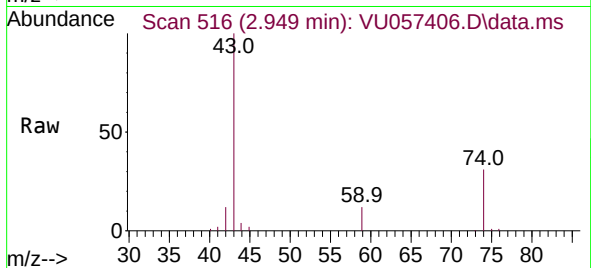




#15
Methyl Acetate
Concen: 49.043 ug/L
RT: 2.949 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU057406.D
Acq: 09 Jan 2024 00:45

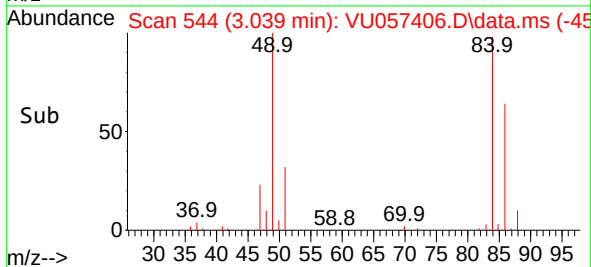
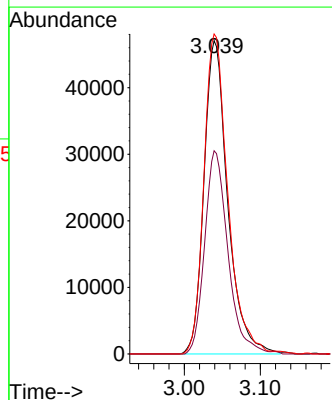
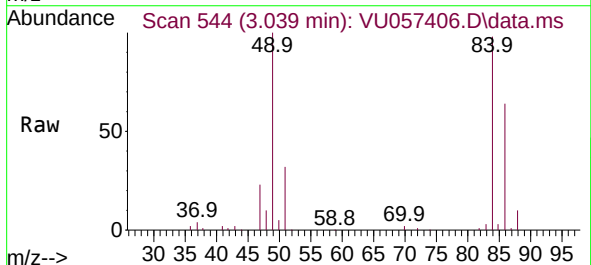
Instrument :
MSVOA_U
ClientSampleId :

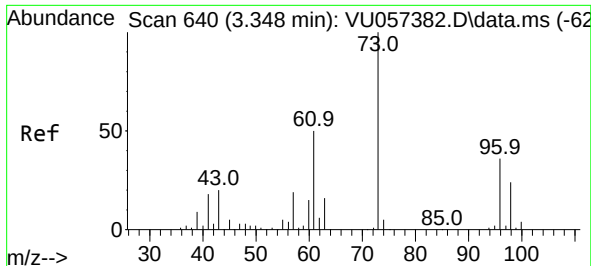
Tgt Ion: 43 Resp: 73880
Ion Ratio Lower Upper
43 100
74 29.2 24.6 36.8



#16
Methylene chloride
Concen: 46.681 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.003 min
Lab File: VU057406.D
Acq: 09 Jan 2024 00:45

Tgt Ion: 84 Resp: 102254
Ion Ratio Lower Upper
84 100
86 64.9 44.3 82.3
49 102.2 72.2 134.2

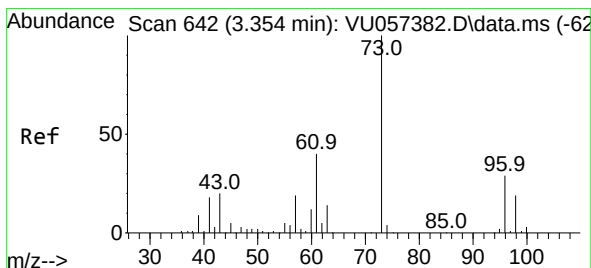
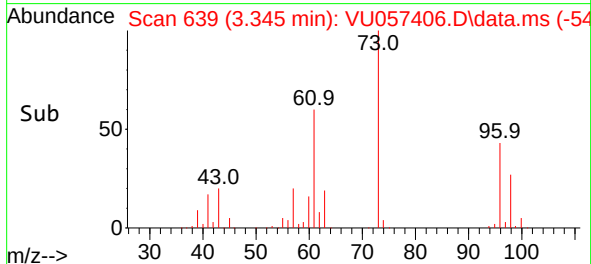
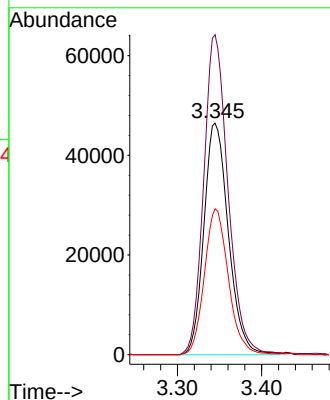
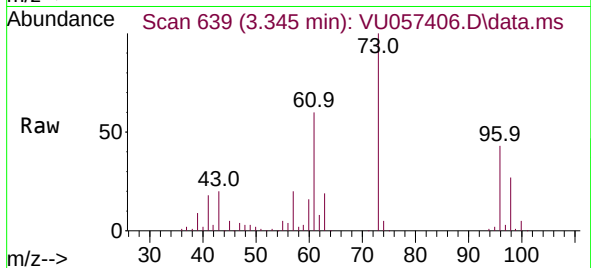




#17
trans-1,2-Dichloroethene
Concen: 47.801 ug/L
RT: 3.345 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU057406.D
Acq: 09 Jan 2024 00:45

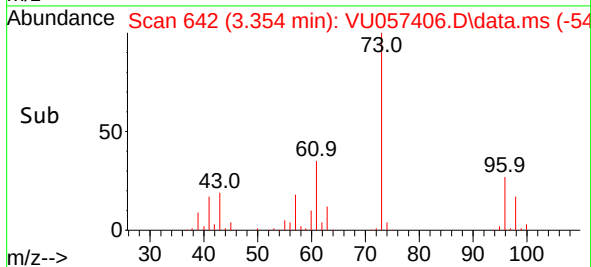
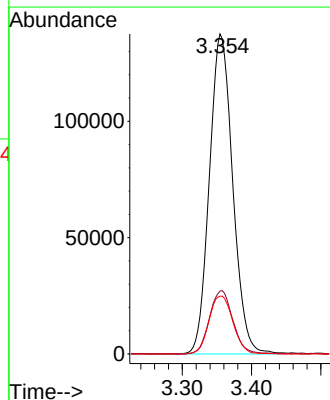
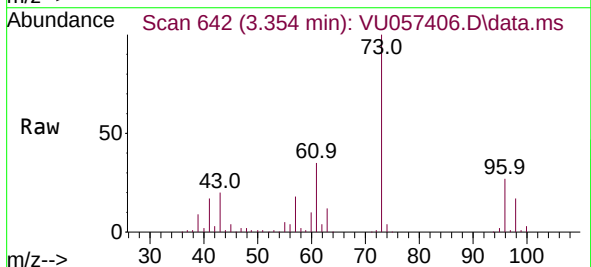
Instrument :
MSVOA_U
ClientSampleId :

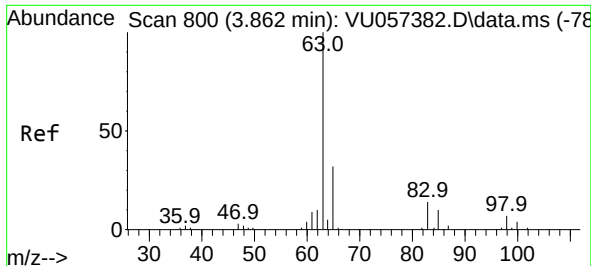
Tgt Ion: 96 Resp: 94214
Ion Ratio Lower Upper
96 100
61 138.2 93.9 174.5
98 63.0 44.8 83.2



#18
Methyl tert-butyl Ether
Concen: 50.997 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU057406.D
Acq: 09 Jan 2024 00:45

Tgt Ion: 73 Resp: 321728
Ion Ratio Lower Upper
73 100
43 19.8 16.3 24.5
57 18.6 15.0 22.6





#19

1,1-Dichloroethane

Concen: 47.194 ug/L

RT: 3.859 min Scan# 799

Delta R.T. -0.003 min

Lab File: VU057406.D

Acq: 09 Jan 2024 00:45

Instrument :

MSVOA_U

ClientSampleId :

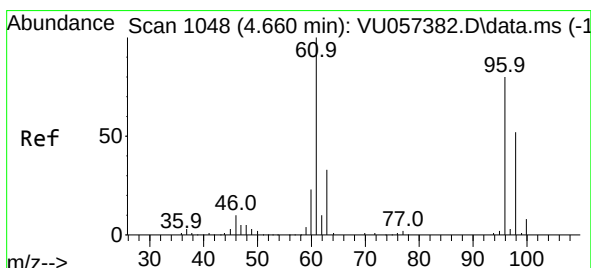
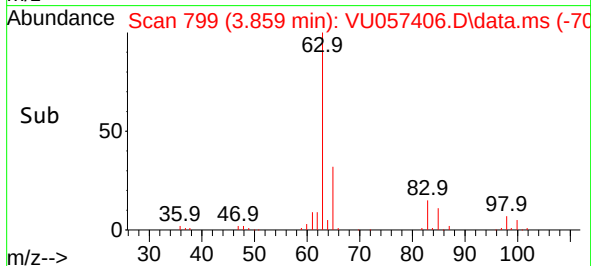
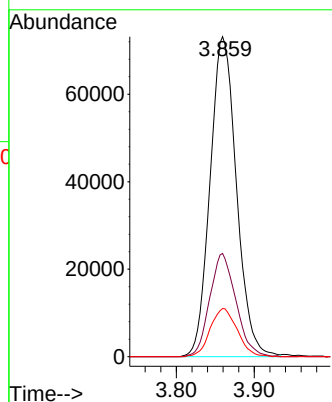
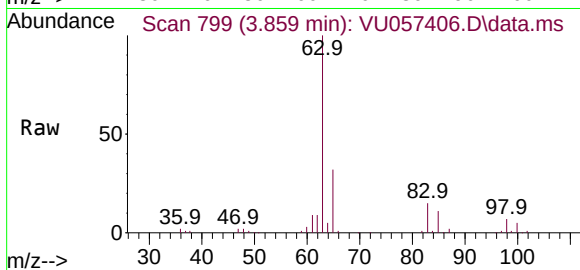
Tgt Ion: 63 Resp: 172202

Ion Ratio Lower Upper

63 100

65 32.2 22.4 41.6

83 15.1 11.3 21.1



#20

cis-1,2-Dichloroethene

Concen: 48.915 ug/L

RT: 4.657 min Scan# 1047

Delta R.T. -0.003 min

Lab File: VU057406.D

Acq: 09 Jan 2024 00:45

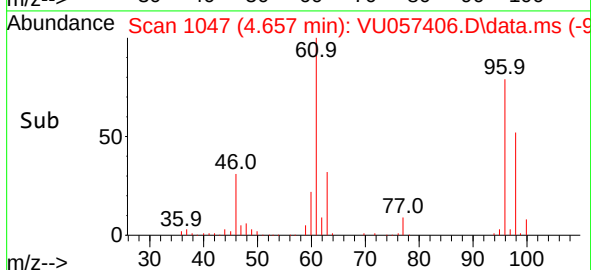
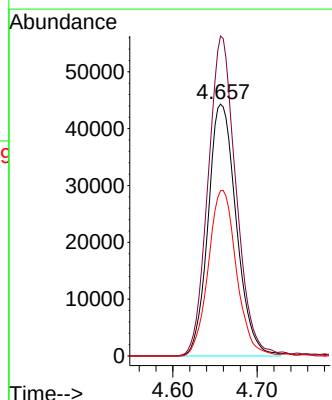
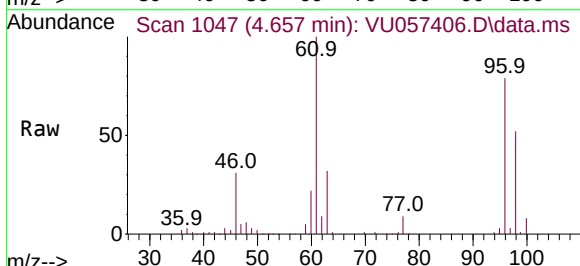
Tgt Ion: 96 Resp: 103129

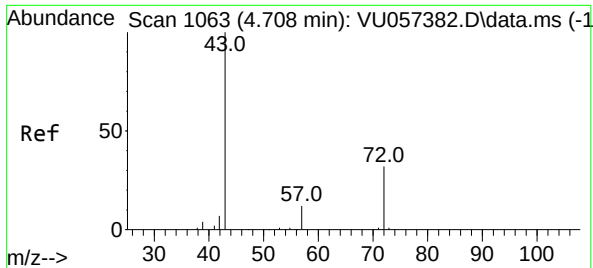
Ion Ratio Lower Upper

96 100

61 127.1 88.0 163.4

98 65.6 43.4 80.6

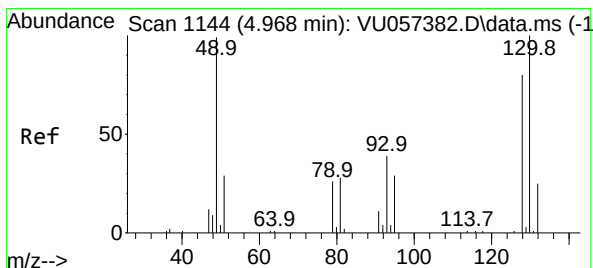
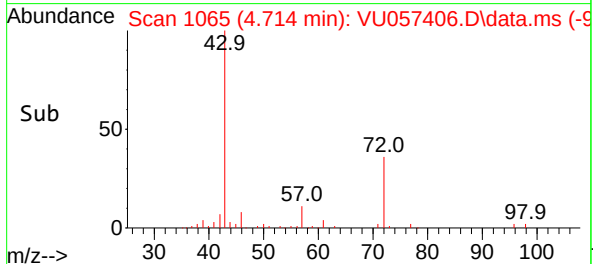
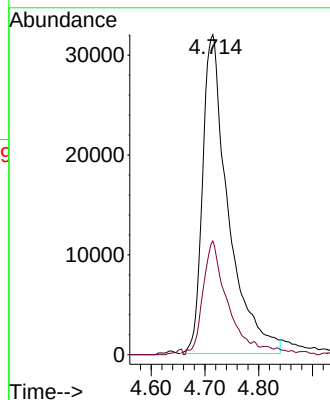
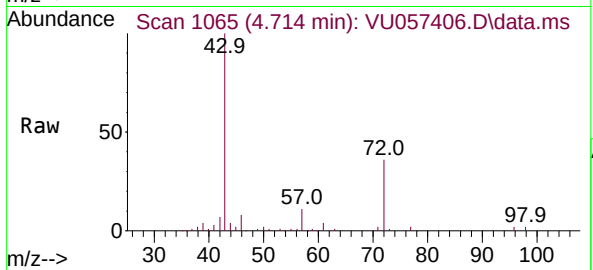




#22
2-Butanone
Concen: 93.100 ug/L
RT: 4.714 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VU057406.D
Acq: 09 Jan 2024 00:45

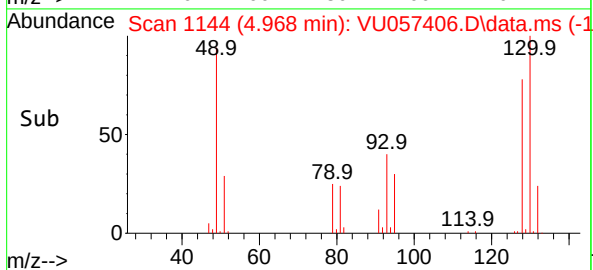
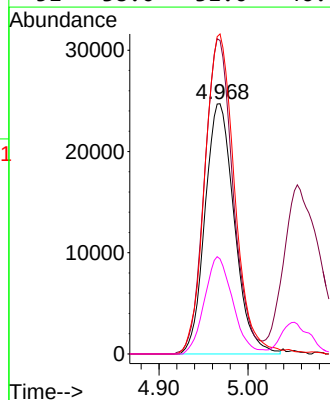
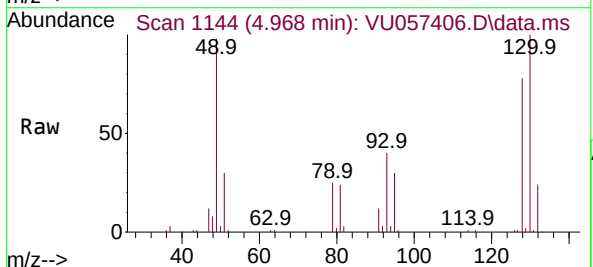
Instrument :
MSVOA_U
ClientSampleId :

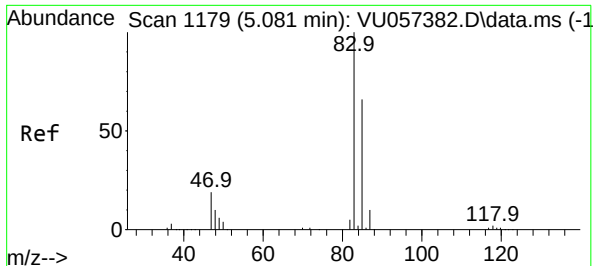
Tgt Ion: 43 Resp: 105931
Ion Ratio Lower Upper
43 100
72 30.1 15.2 45.6



#23
Bromochloromethane
Concen: 46.745 ug/L
RT: 4.968 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VU057406.D
Acq: 09 Jan 2024 00:45

Tgt Ion: 128 Resp: 56573
Ion Ratio Lower Upper
128 100
49 125.2 83.4 154.8
130 127.9 87.6 162.6
51 38.0 31.0 46.6

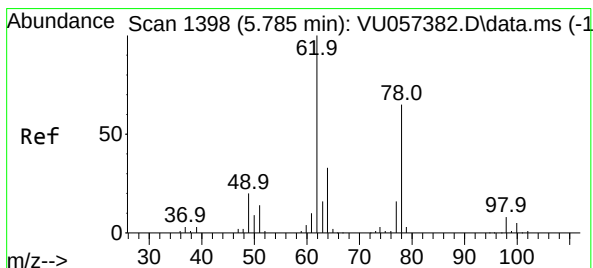
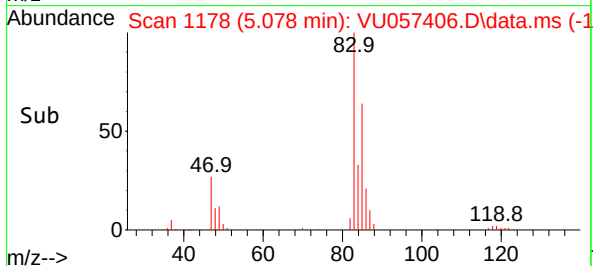
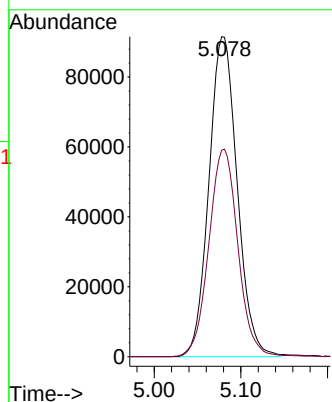
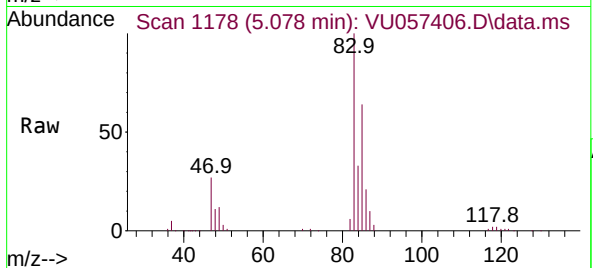




#25
Chloroform
Concen: 46.941 ug/L
RT: 5.078 min Scan# 1179
Delta R.T. -0.003 min
Lab File: VU057406.D
Acq: 09 Jan 2024 00:45

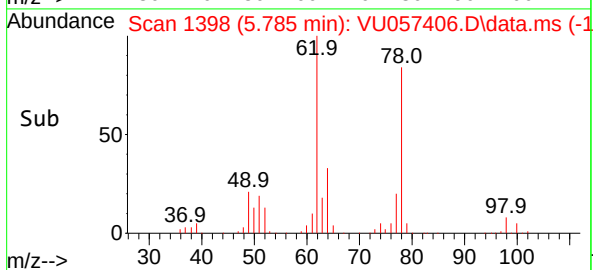
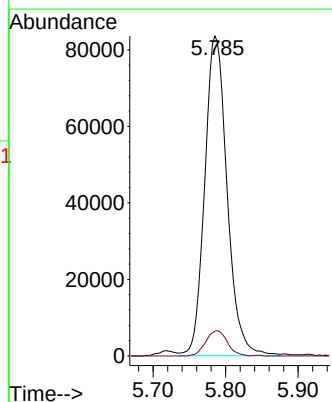
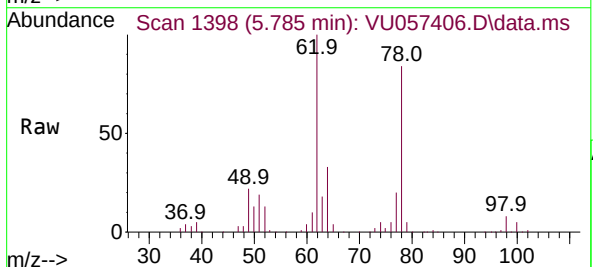
Instrument :
MSVOA_U
ClientSampleId :

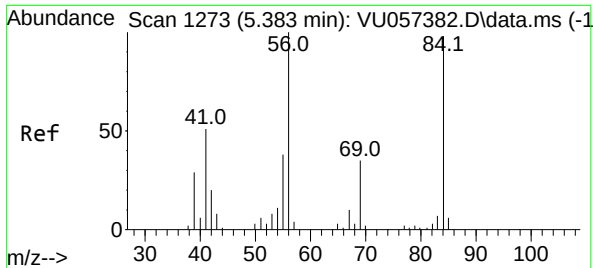
Tgt Ion: 83 Resp: 207870
Ion Ratio Lower Upper
83 100
85 64.5 45.5 84.5



#27
1,2-Dichloroethane
Concen: 48.041 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VU057406.D
Acq: 09 Jan 2024 00:45

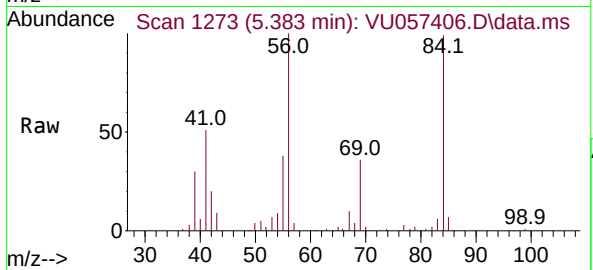
Tgt Ion: 62 Resp: 179203
Ion Ratio Lower Upper
62 100
98 7.7 6.1 9.1



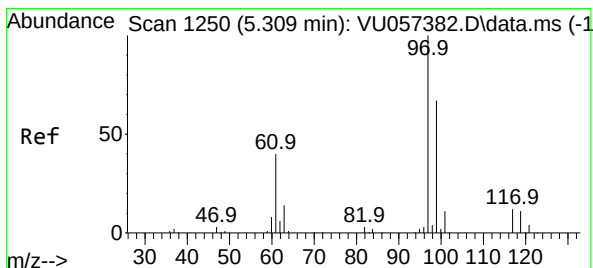
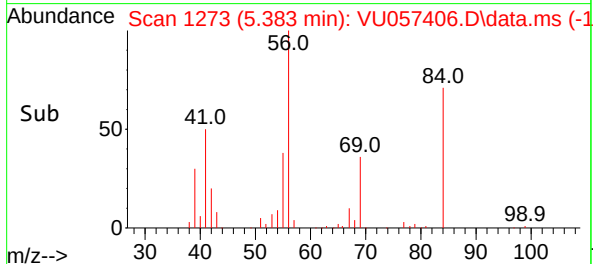
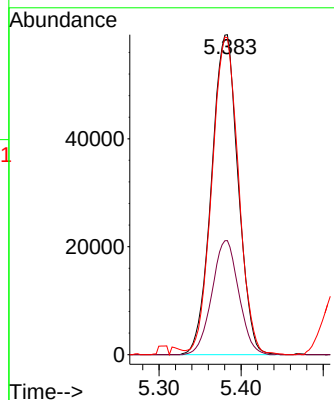


#29
Cyclohexane
Concen: 50.890 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VU057406.D
Acq: 09 Jan 2024 00:45

Instrument :
MSVOA_U
ClientSampleId :

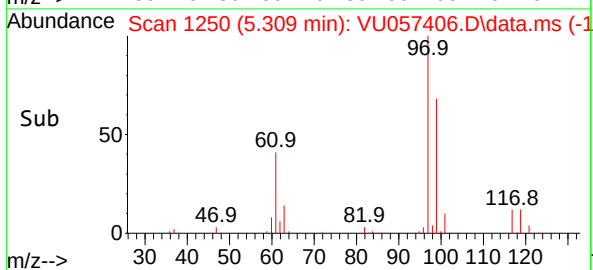
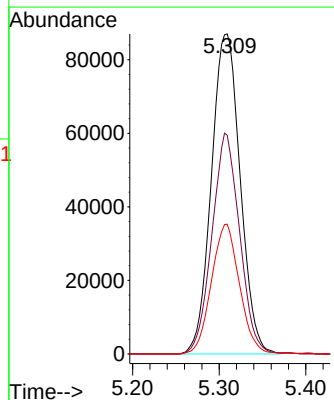
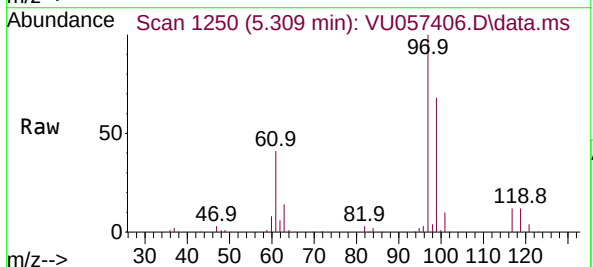


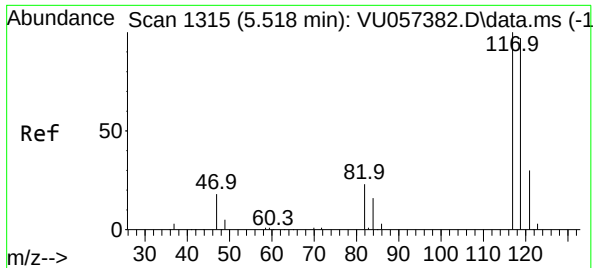
Tgt Ion:	56	Resp:	133593
Ion	Ratio	Lower	Upper
56	100		
69	35.9	27.8	41.8
84	99.4	79.3	118.9



#30
1,1,1-Trichloroethane
Concen: 47.167 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. 0.000 min
Lab File: VU057406.D
Acq: 09 Jan 2024 00:45

Tgt Ion:	97	Resp:	201360
Ion	Ratio	Lower	Upper
97	100		
99	66.2	52.1	78.1
61	39.4	31.9	47.9

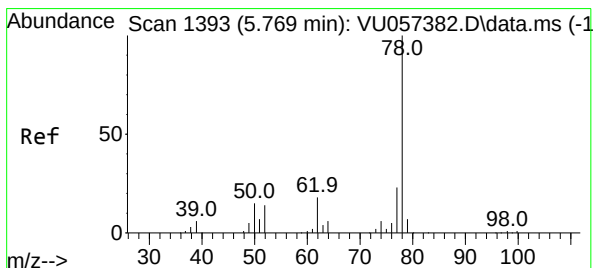
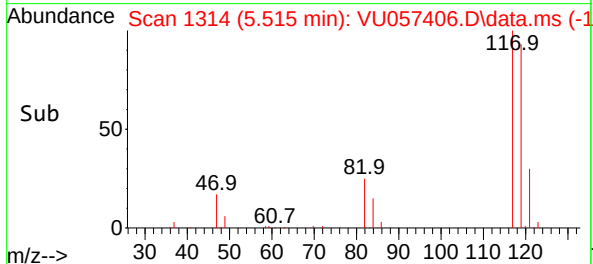
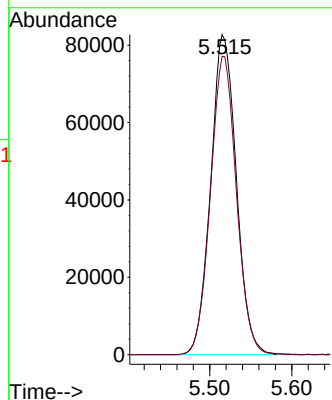
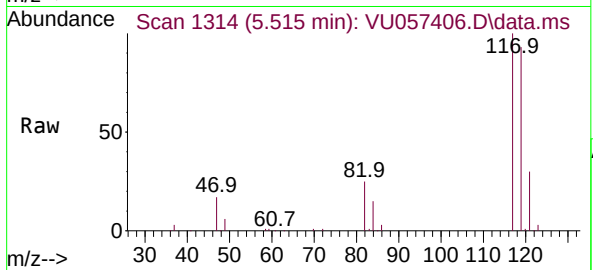




#31
Carbon tetrachloride
Concen: 47.452 ug/L
RT: 5.515 min Scan# 1315
Delta R.T. -0.003 min
Lab File: VU057406.D
Acq: 09 Jan 2024 00:45

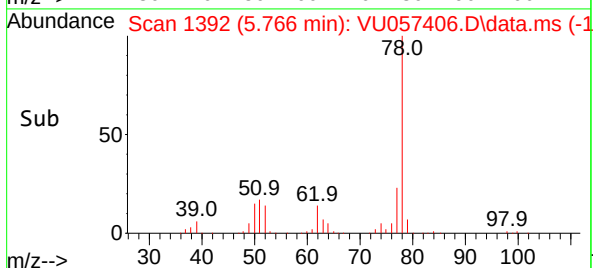
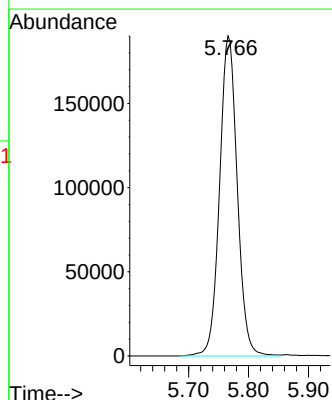
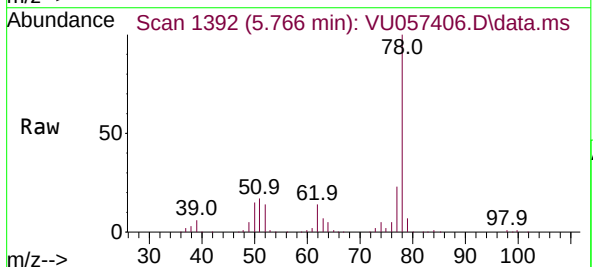
Instrument :
MSVOA_U
ClientSampleId :

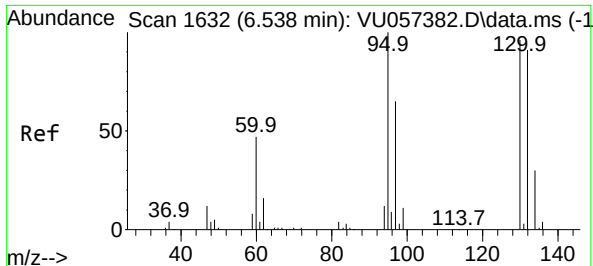
Tgt Ion:117 Resp: 179674
Ion Ratio Lower Upper
117 100
119 94.1 76.5 114.7



#33
Benzene
Concen: 49.693 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.003 min
Lab File: VU057406.D
Acq: 09 Jan 2024 00:45

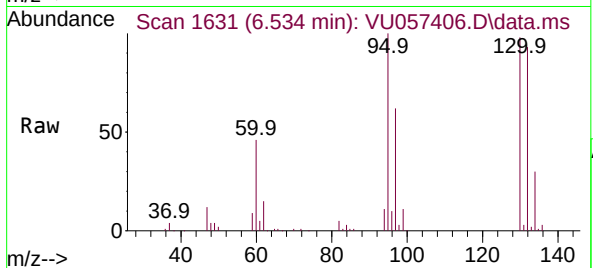
Tgt Ion: 78 Resp: 387491



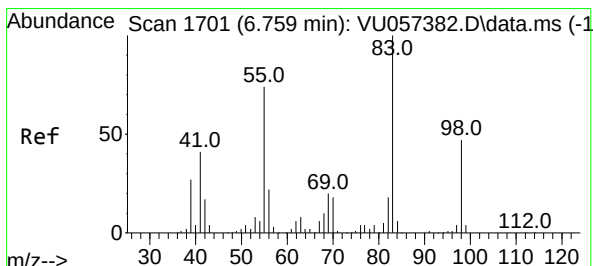
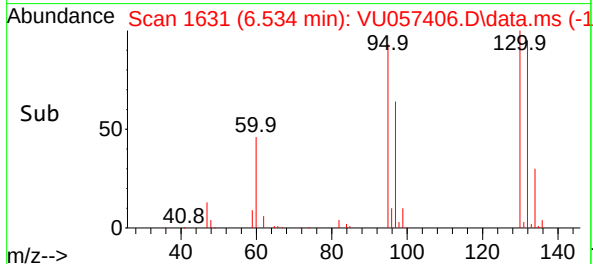
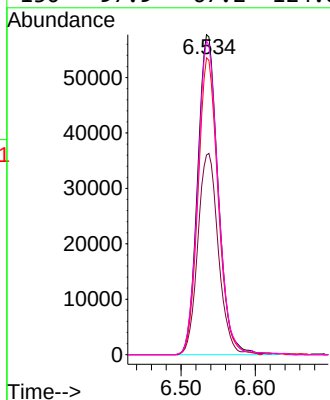


#34
Trichloroethene
Concen: 48.681 ug/L
RT: 6.534 min Scan# 110826
Delta R.T. -0.004 min
Lab File: VU057406.D
Acq: 09 Jan 2024 00:45

Instrument :
MSVOA_U
ClientSampleId :

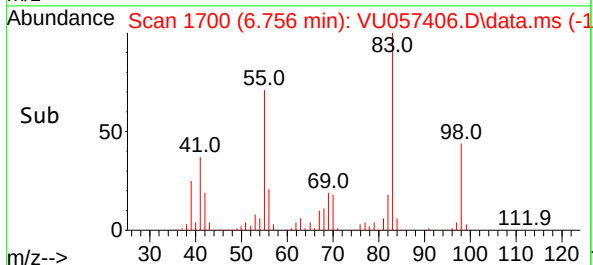
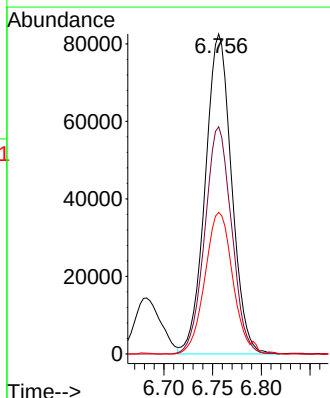
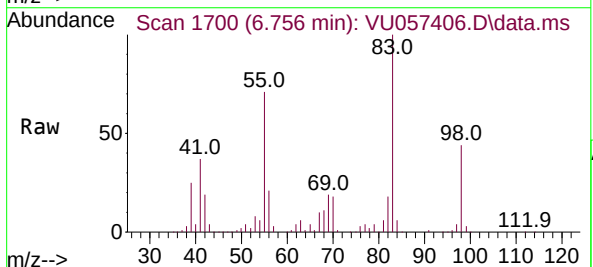


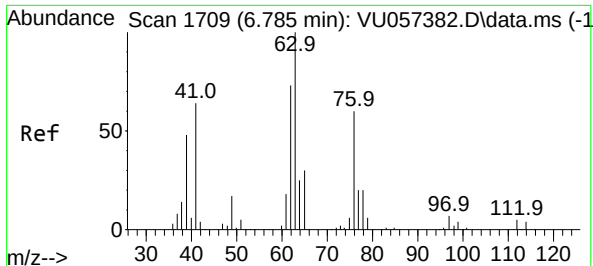
Tgt Ion: 95 Resp: 110826
Ion Ratio Lower Upper
95 100
97 62.4 46.2 85.8
132 92.8 64.3 119.5
130 97.9 67.2 124.8



#35
Methylcyclohexane
Concen: 50.245 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.003 min
Lab File: VU057406.D
Acq: 09 Jan 2024 00:45

Tgt Ion: 83 Resp: 155628
Ion Ratio Lower Upper
83 100
55 72.1 58.0 87.0
98 45.9 36.6 55.0





#37

1,2-Dichloropropane

Concen: 49.272 ug/L

RT: 6.782 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU057406.D

Acq: 09 Jan 2024 00:45

Instrument :

MSVOA_U

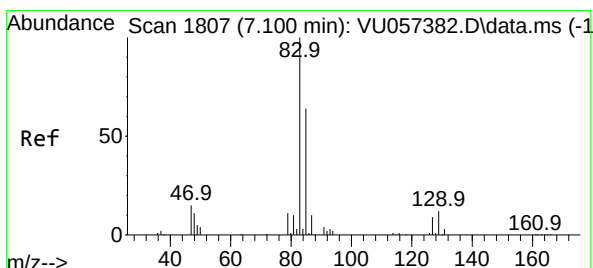
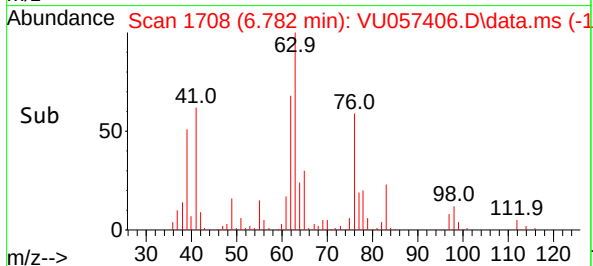
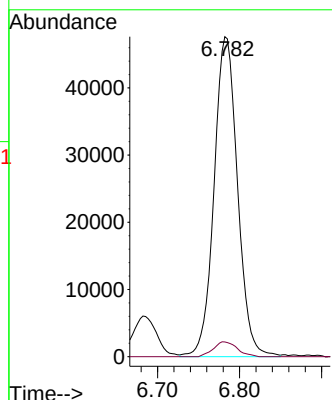
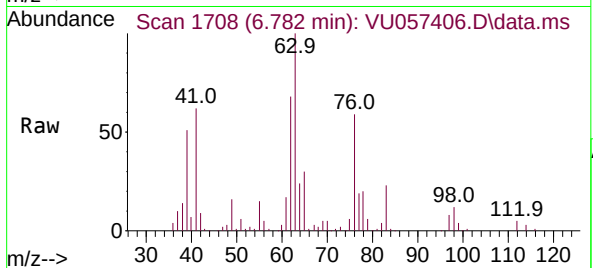
ClientSampleId :

Tgt Ion: 63 Resp: 94811

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.8



#38

Bromodichloromethane

Concen: 47.682 ug/L

RT: 7.097 min Scan# 1806

Delta R.T. -0.003 min

Lab File: VU057406.D

Acq: 09 Jan 2024 00:45

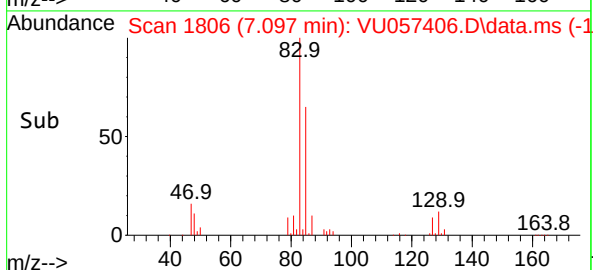
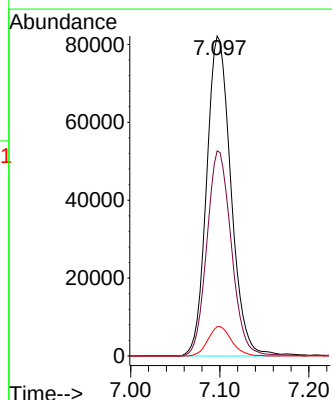
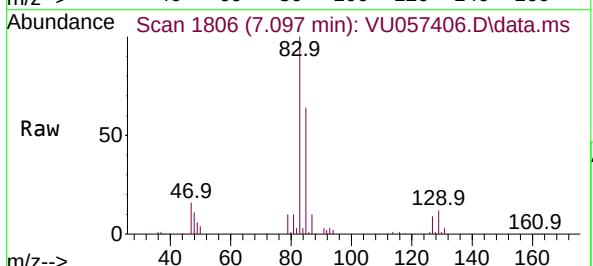
Tgt Ion: 83 Resp: 155430

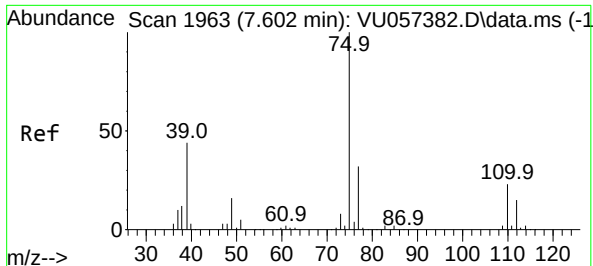
Ion Ratio Lower Upper

83 100

85 64.1 44.7 83.1

127 9.1 7.7 11.5





#39

cis-1,3-Dichloropropene

Concen: 50.138 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. -0.000 min

Lab File: VU057406.D

Acq: 09 Jan 2024 00:45

Instrument :

MSVOA_U

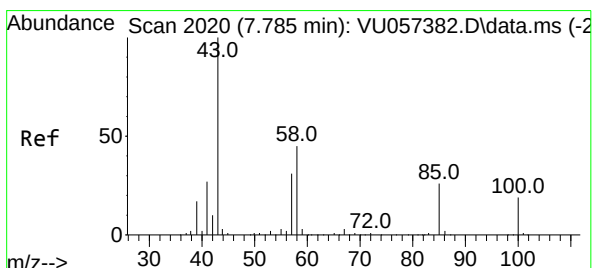
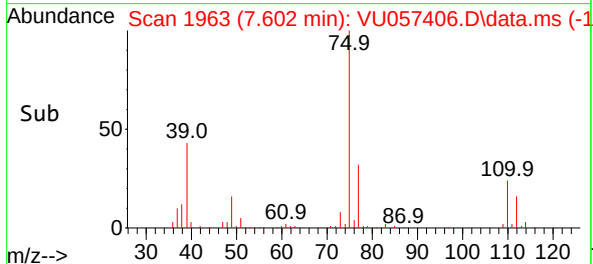
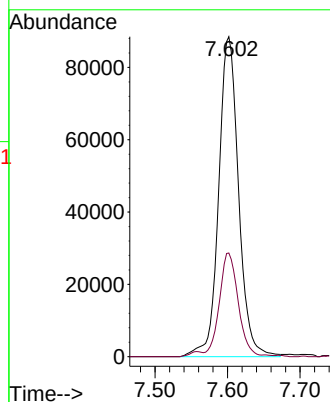
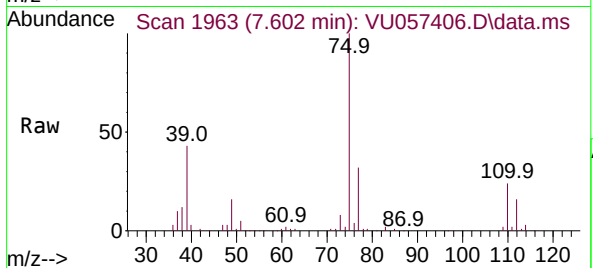
ClientSampleId :

Tgt Ion: 75 Resp: 168939

Ion Ratio Lower Upper

75 100

77 32.4 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 108.835 ug/L

RT: 7.801 min Scan# 2025

Delta R.T. 0.016 min

Lab File: VU057406.D

Acq: 09 Jan 2024 00:45

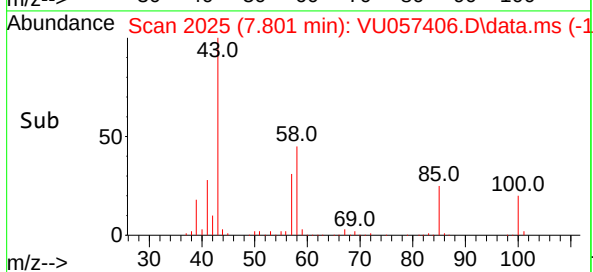
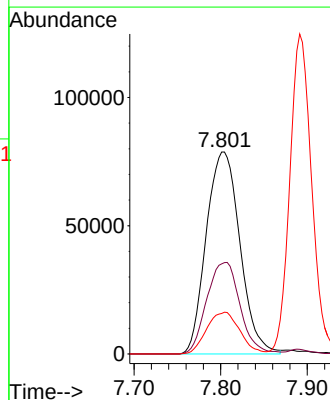
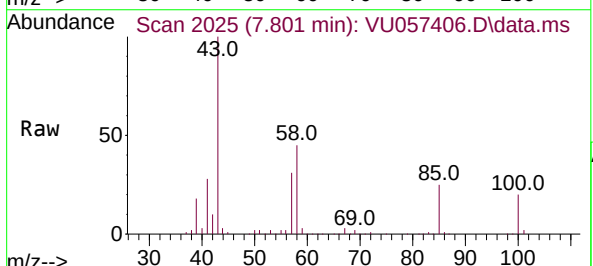
Tgt Ion: 43 Resp: 213386

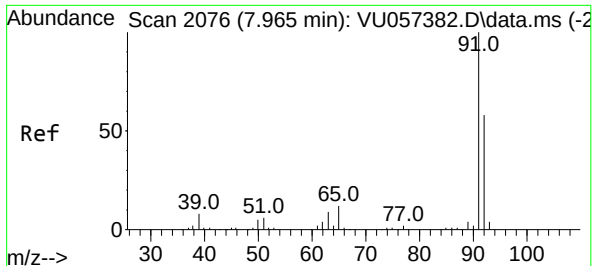
Ion Ratio Lower Upper

43 100

58 44.8 36.2 54.4

100 20.4 16.6 24.8





#42

Toluene

Concen: 50.347 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU057406.D

Acq: 09 Jan 2024 00:45

Instrument :

MSVOA_U

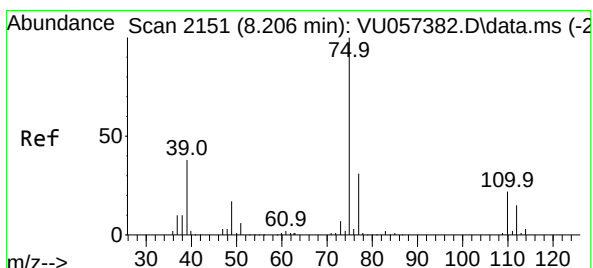
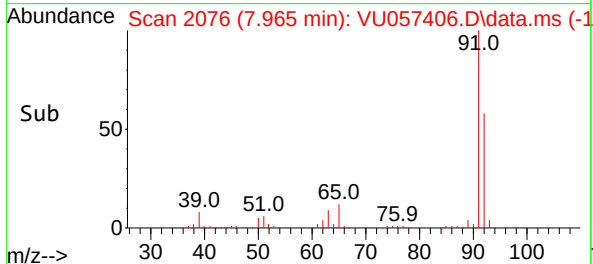
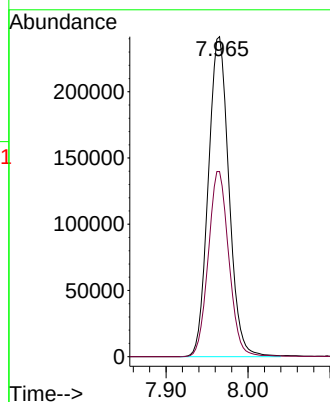
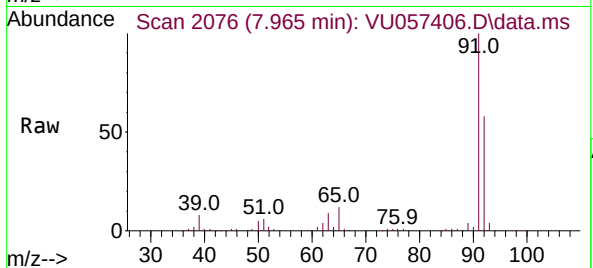
ClientSampleId :

Tgt Ion: 91 Resp: 422156

Ion Ratio Lower Upper

91 100

92 57.8 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 49.920 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.003 min

Lab File: VU057406.D

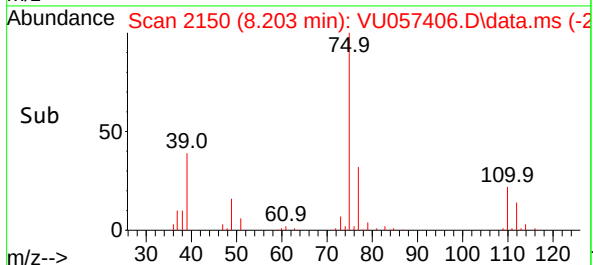
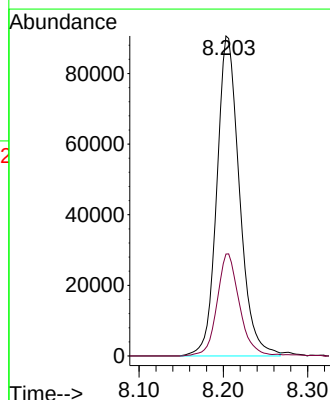
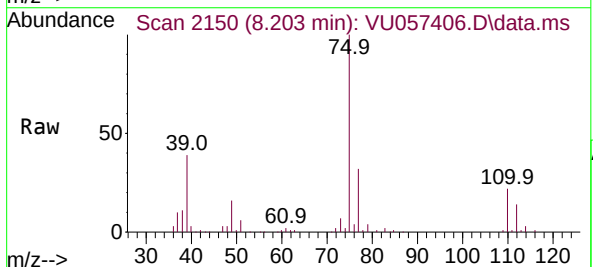
Acq: 09 Jan 2024 00:45

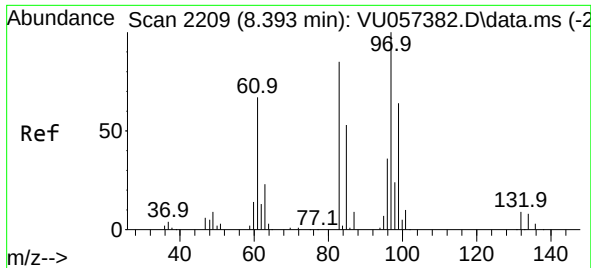
Tgt Ion: 75 Resp: 168869

Ion Ratio Lower Upper

75 100

77 31.9 21.3 39.5

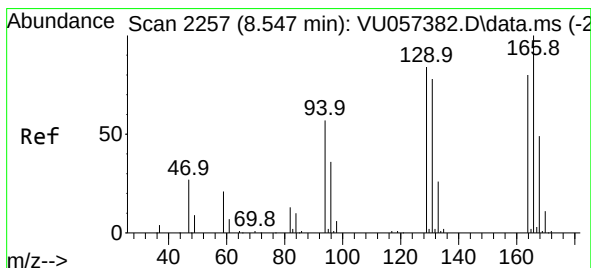
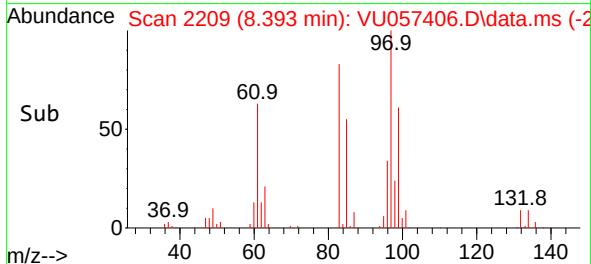
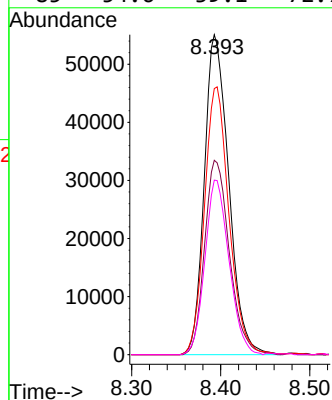
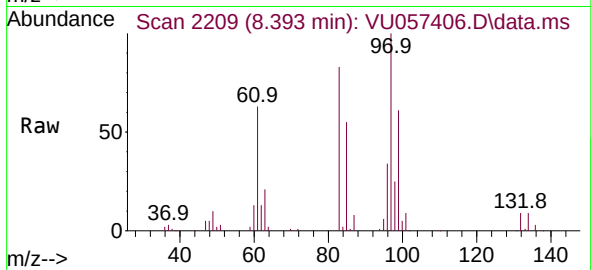




#45
1,1,2-Trichloroethane
Concen: 49.588 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU057406.D
Acq: 09 Jan 2024 00:45

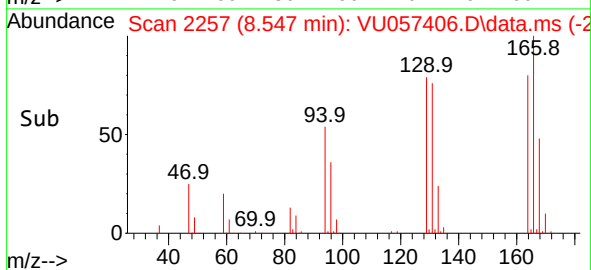
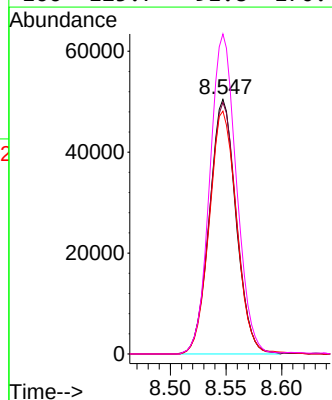
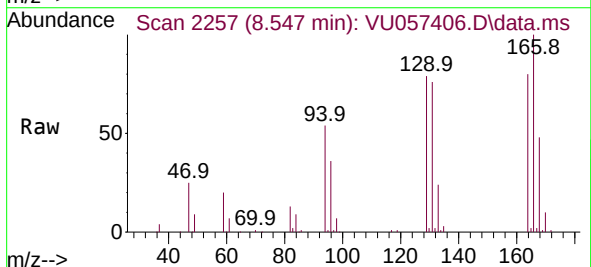
Instrument :
MSVOA_U
ClientSampleId :

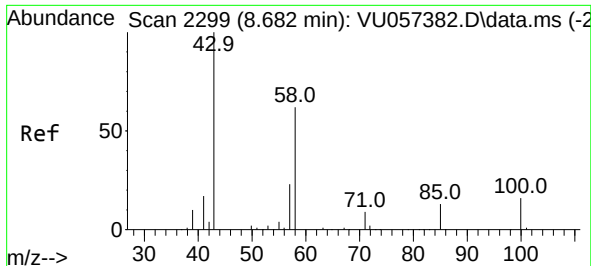
Tgt Ion: 97	Resp: 104990
Ion Ratio	Lower Upper
97 100	
99 60.7	43.3 80.5
83 83.2	56.9 105.7
85 54.6	39.1 72.7



#46
Tetrachloroethene
Concen: 48.735 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU057406.D
Acq: 09 Jan 2024 00:45

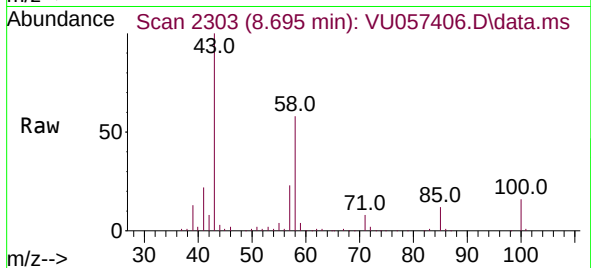
Tgt Ion: 164	Resp: 83928
Ion Ratio	Lower Upper
164 100	
129 98.8	72.3 134.3
131 95.4	68.8 127.8
166 125.7	91.8 170.4





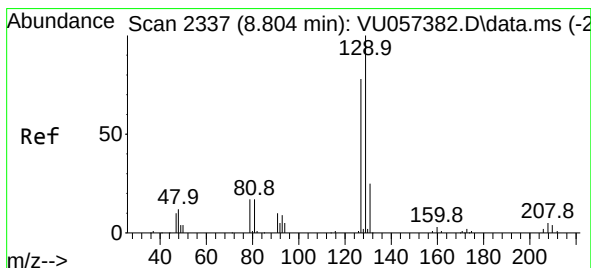
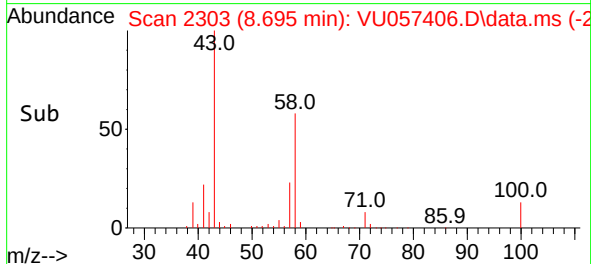
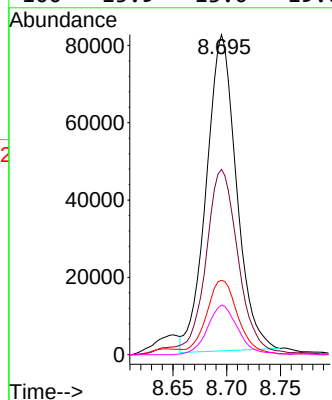
#48
2-Hexanone
Concen: 100.961 ug/L
RT: 8.695 min Scan# 21
Delta R.T. 0.013 min
Lab File: VU057406.D
Acq: 09 Jan 2024 00:45

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 159254

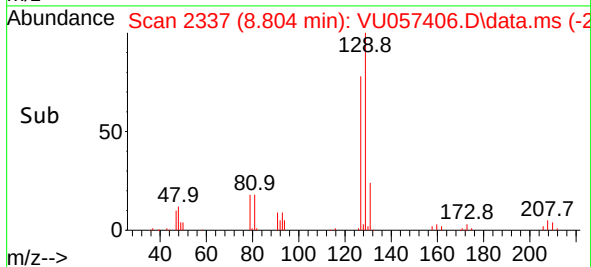
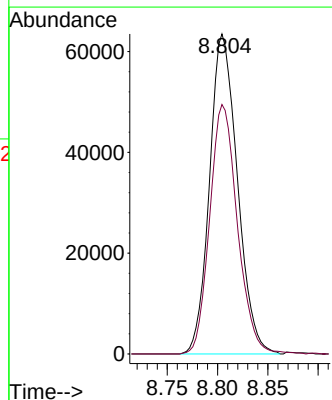
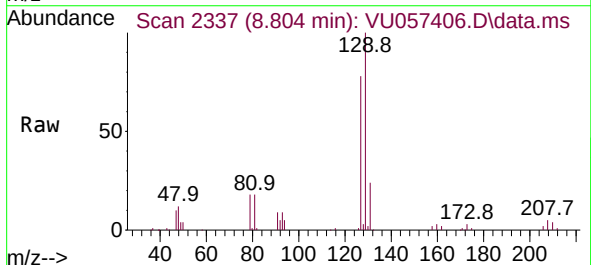
Ion	Ratio	Lower	Upper
43	100		
58	64.6	49.4	74.2
57	24.4	19.1	28.7
100	15.9	13.0	19.6

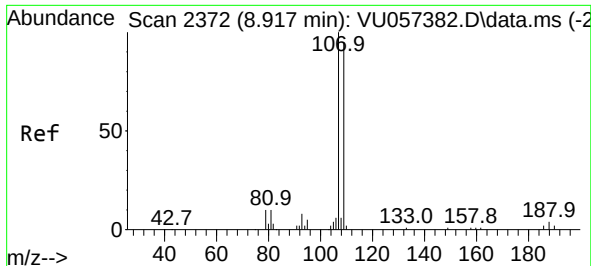


#49
Dibromochloromethane
Concen: 47.438 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU057406.D
Acq: 09 Jan 2024 00:45

Tgt Ion: 129 Resp: 122401

Ion	Ratio	Lower	Upper
129	100		
127	77.9	54.5	101.1





#50

1,2-Dibromoethane

Concen: 50.411 ug/L

RT: 8.917 min Scan# 21

Delta R.T. -0.000 min

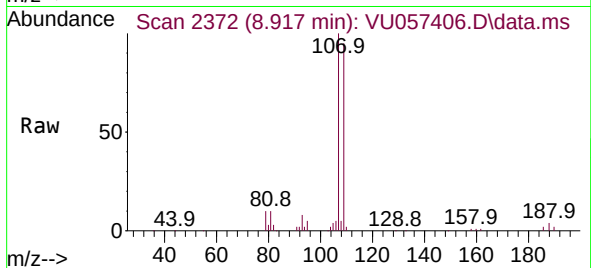
Lab File: VU057406.D

Acq: 09 Jan 2024 00:45

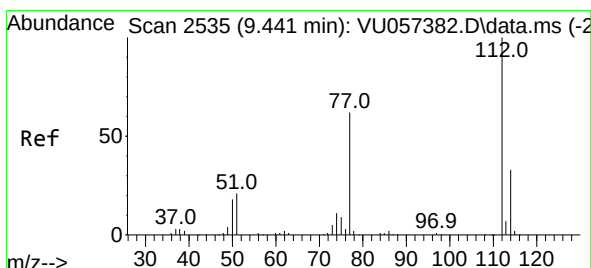
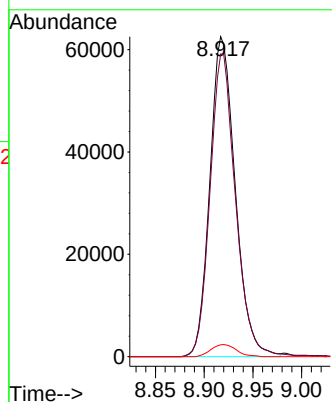
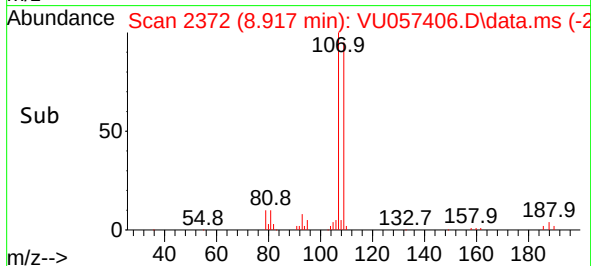
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	107	Resp:	113216
Ion	Ratio	Lower	Upper
107	100		
109	94.6	64.4	119.6
188	3.7	2.8	4.2



#51

Chlorobenzene

Concen: 49.197 ug/L

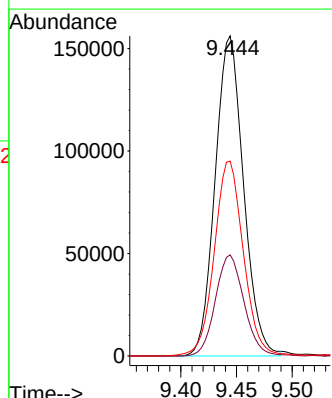
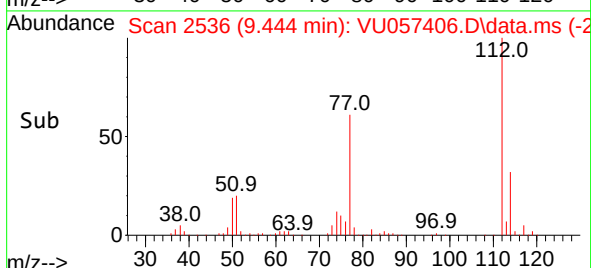
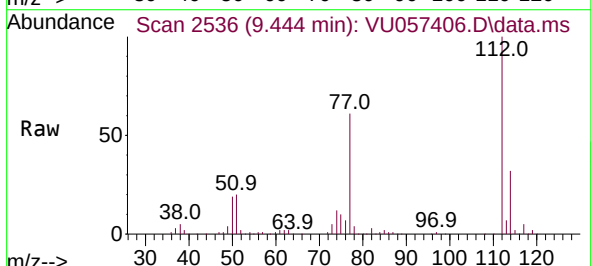
RT: 9.444 min Scan# 2536

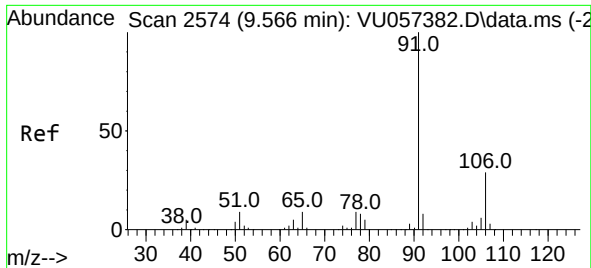
Delta R.T. 0.003 min

Lab File: VU057406.D

Acq: 09 Jan 2024 00:45

Tgt Ion:	112	Resp:	277179
Ion	Ratio	Lower	Upper
112	100		
114	31.6	22.5	41.7
77	60.9	50.1	75.1

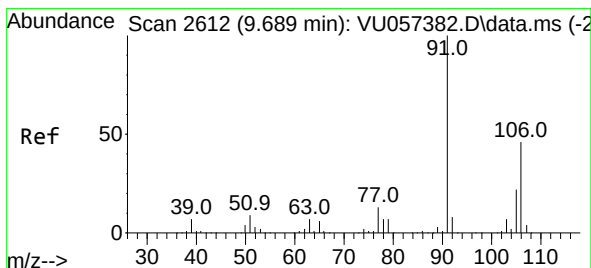
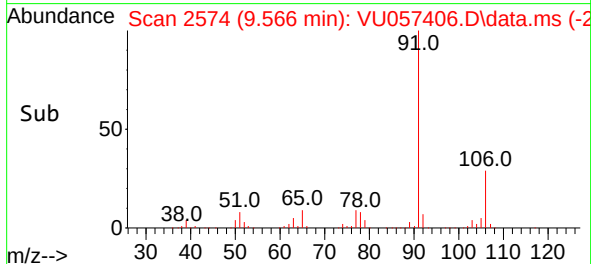
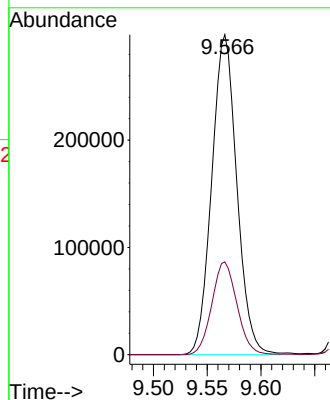
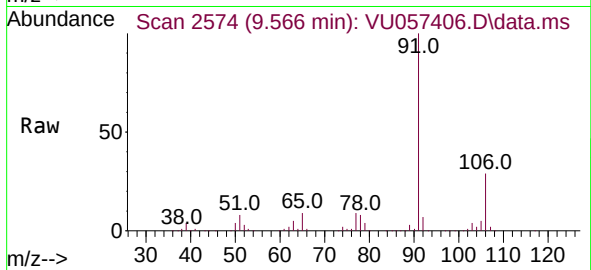




#52
Ethylbenzene
Concen: 51.827 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.000 min
Lab File: VU057406.D
Acq: 09 Jan 2024 00:45

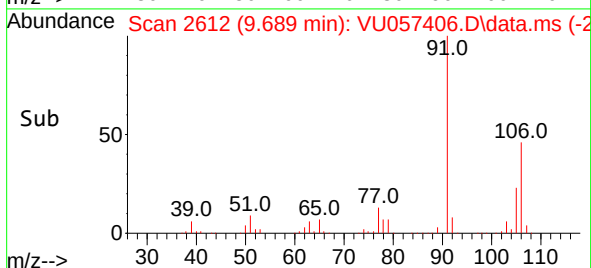
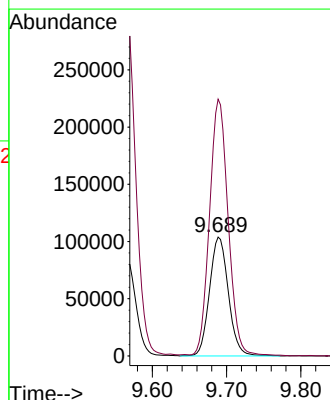
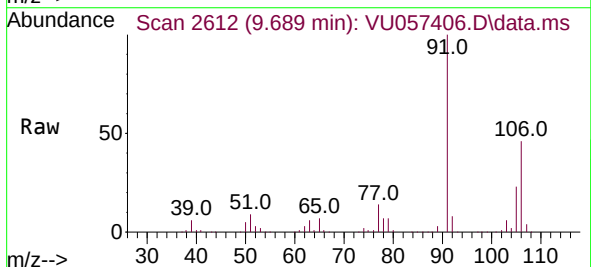
Instrument :
MSVOA_U
ClientSampleId :

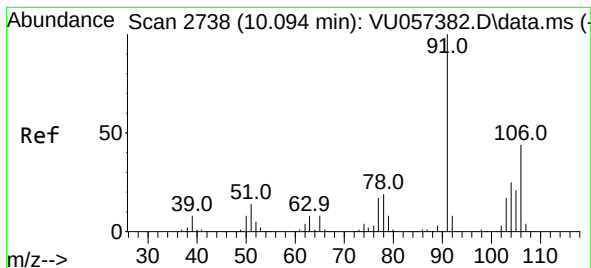
Tgt Ion: 91 Resp: 483910
Ion Ratio Lower Upper
91 100
106 29.0 21.0 39.0



#53
m,p-Xylene
Concen: 52.321 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU057406.D
Acq: 09 Jan 2024 00:45

Tgt Ion: 106 Resp: 182619
Ion Ratio Lower Upper
106 100
91 216.0 151.8 281.8





#54

o-Xylene

Concen: 50.904 ug/L

RT: 10.097 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU057406.D

Acq: 09 Jan 2024 00:45

Instrument :

MSVOA_U

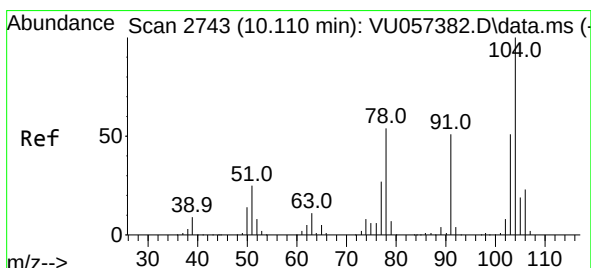
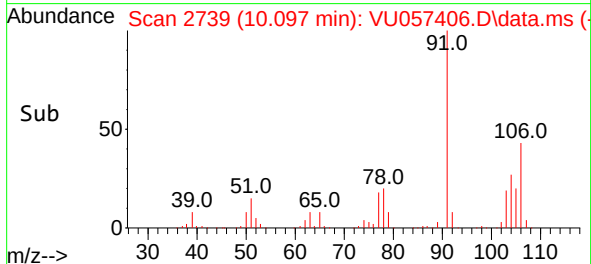
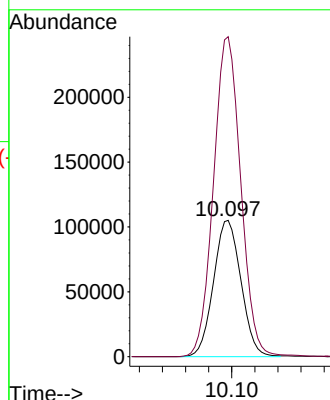
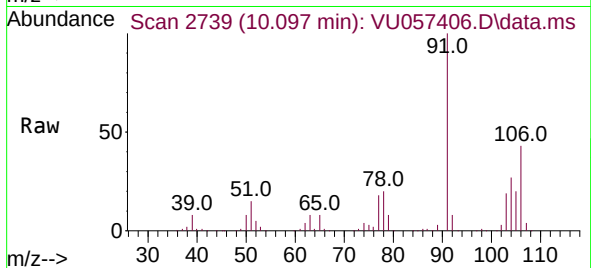
ClientSampleId :

Tgt Ion:106 Resp: 173511

Ion Ratio Lower Upper

106 100

91 234.8 160.4 297.8



#55

Styrene

Concen: 52.366 ug/L

RT: 10.113 min Scan# 2744

Delta R.T. 0.003 min

Lab File: VU057406.D

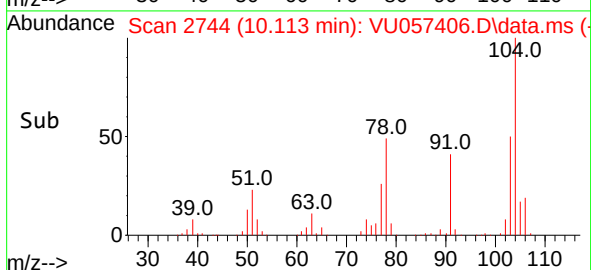
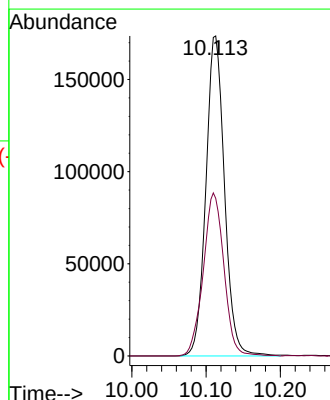
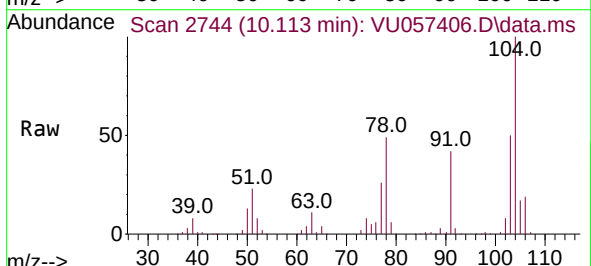
Acq: 09 Jan 2024 00:45

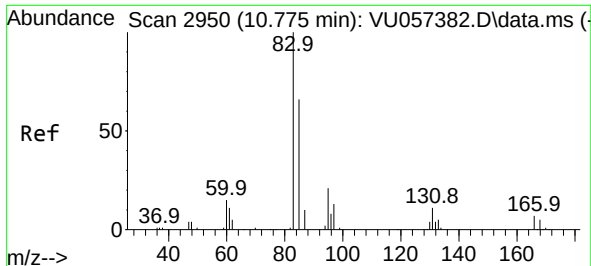
Tgt Ion:104 Resp: 302263

Ion Ratio Lower Upper

104 100

78 49.3 35.8 66.6





#57

1,1,2,2-Tetrachloroethane

Concen: 49.538 ug/L

RT: 10.782 min Scan# 2950

Delta R.T. 0.007 min

Lab File: VU057406.D

Acq: 09 Jan 2024 00:45

Instrument :

MSVOA_U

ClientSampleId :

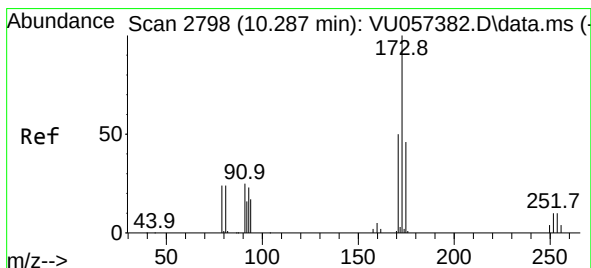
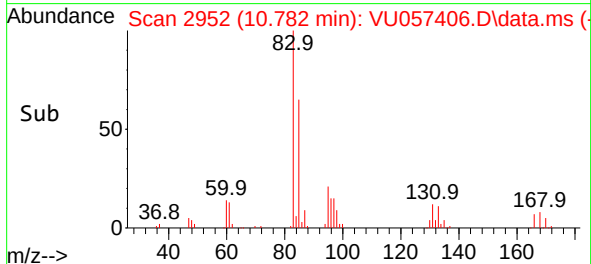
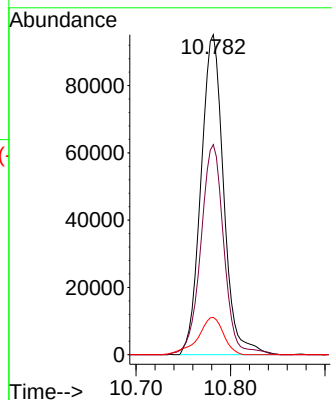
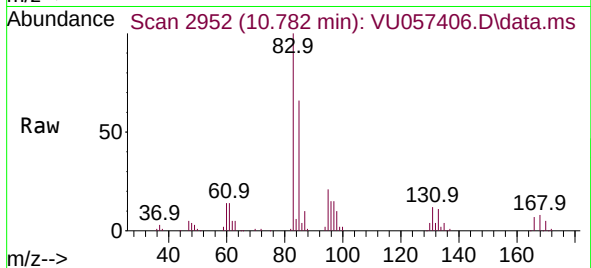
Tgt Ion: 83 Resp: 158152

Ion Ratio Lower Upper

83 100

85 65.7 47.9 88.9

131 11.7 9.8 14.8



#59

Bromoform

Concen: 49.107 ug/L

RT: 10.290 min Scan# 2799

Delta R.T. 0.003 min

Lab File: VU057406.D

Acq: 09 Jan 2024 00:45

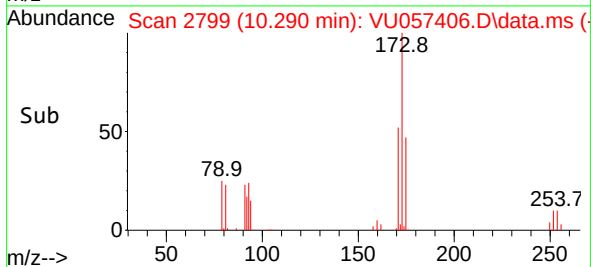
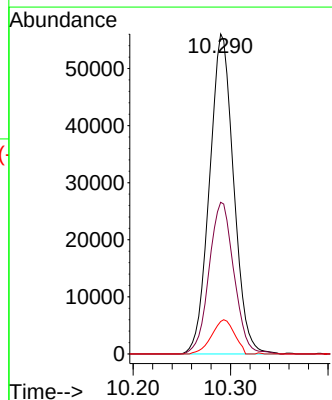
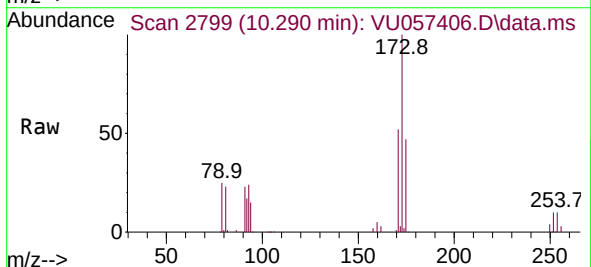
Tgt Ion:173 Resp: 96345

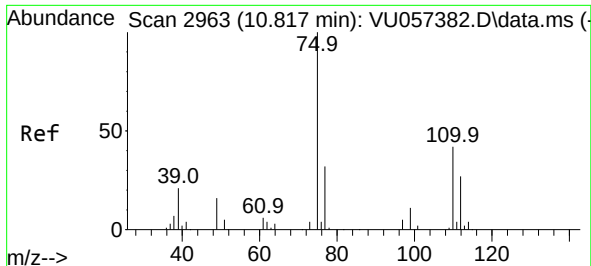
Ion Ratio Lower Upper

173 100

175 48.8 38.4 57.6

254 10.1 7.9 11.9

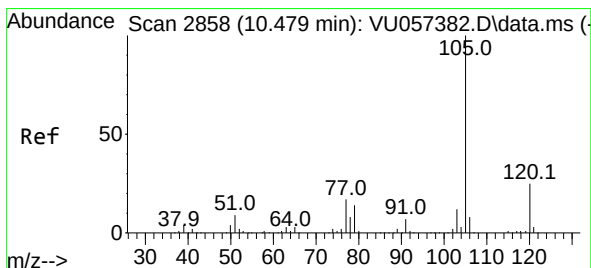
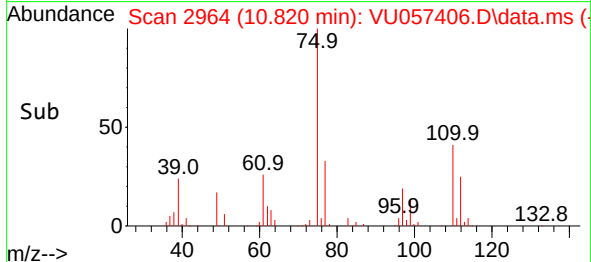
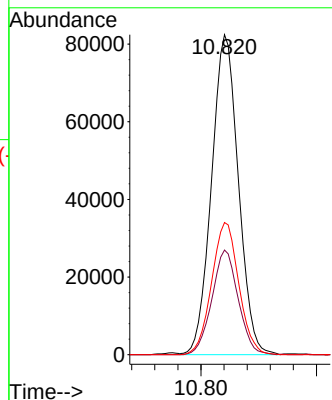
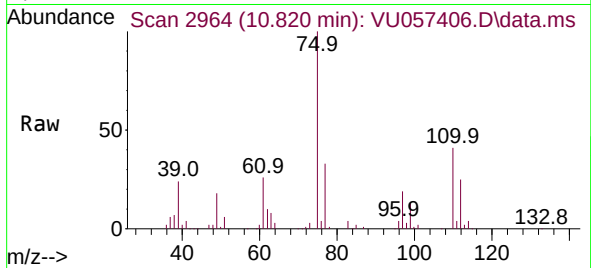




#60
1,2,3-Trichloropropane
Concen: 51.864 ug/L
RT: 10.820 min Scan# 2964
Delta R.T. 0.003 min
Lab File: VU057406.D
Acq: 09 Jan 2024 00:45

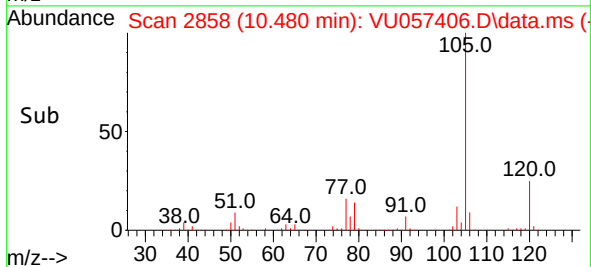
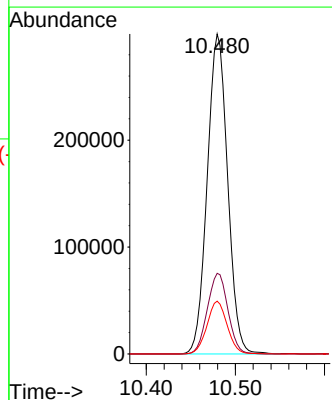
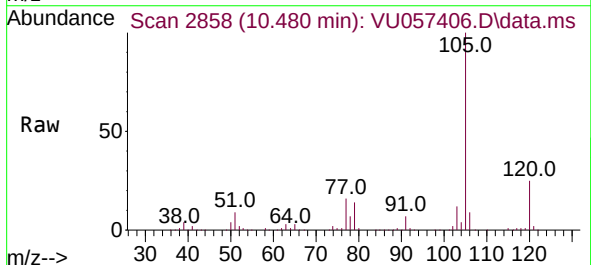
Instrument :
MSVOA_U
ClientSampleId :

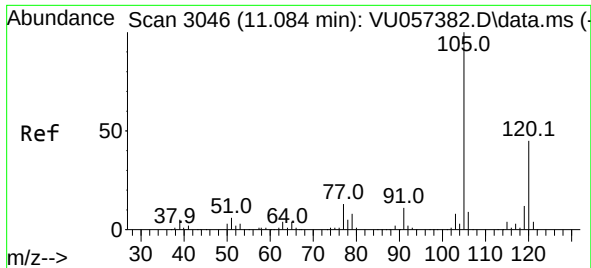
Tgt Ion: 75 Resp: 132925
Ion Ratio Lower Upper
75 100
77 32.0 26.0 39.0
110 41.8 33.6 50.4



#61
Isopropylbenzene
Concen: 53.693 ug/L
RT: 10.480 min Scan# 2858
Delta R.T. 0.001 min
Lab File: VU057406.D
Acq: 09 Jan 2024 00:45

Tgt Ion: 105 Resp: 475791
Ion Ratio Lower Upper
105 100
120 25.4 19.9 29.9
77 16.3 13.3 19.9

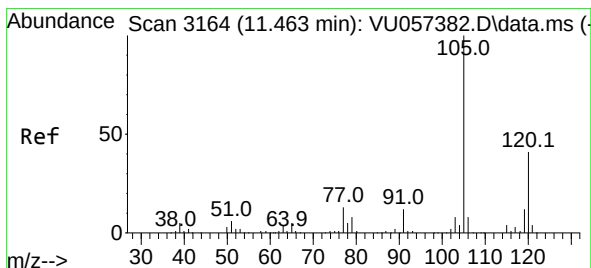
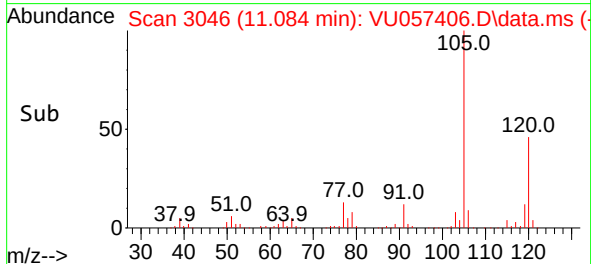
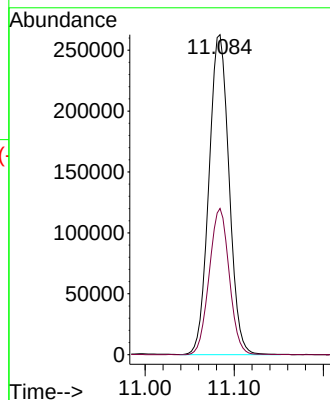
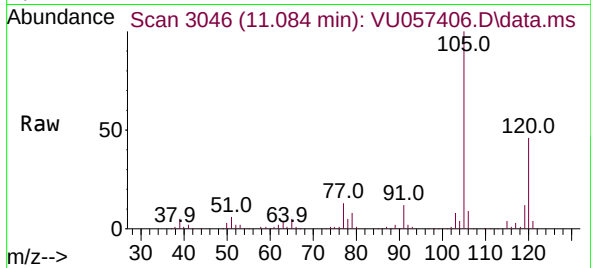




#62
1,3,5-Trimethylbenzene
Concen: 54.387 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU057406.D
Acq: 09 Jan 2024 00:45

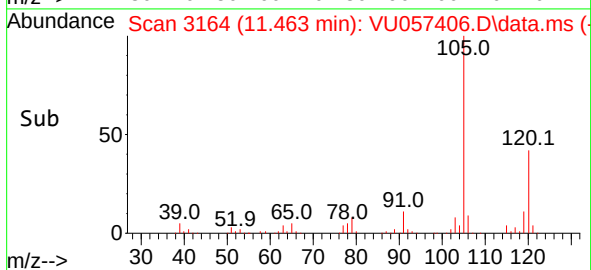
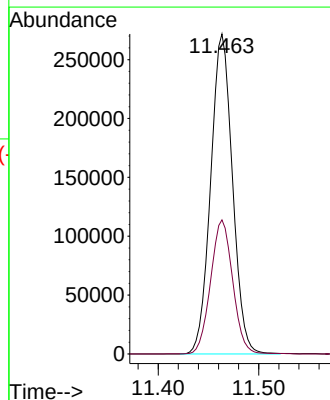
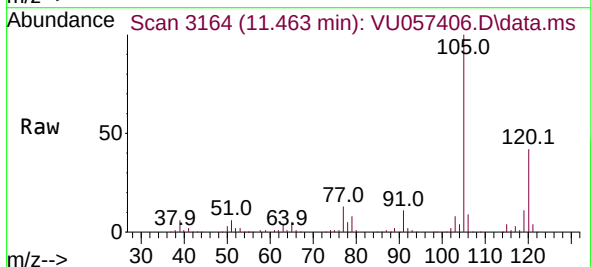
Instrument :
MSVOA_U
ClientSampleId :

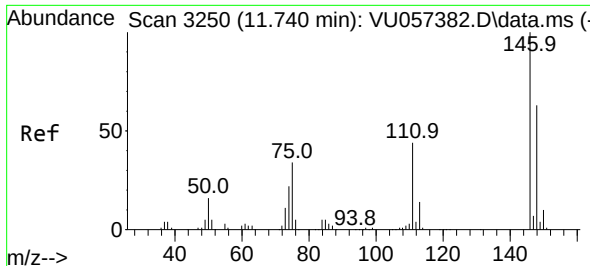
Tgt Ion:105 Resp: 412161
Ion Ratio Lower Upper
105 100
120 45.4 36.1 54.1



#63
1,2,4-Trimethylbenzene
Concen: 55.051 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU057406.D
Acq: 09 Jan 2024 00:45

Tgt Ion:105 Resp: 409537
Ion Ratio Lower Upper
105 100
120 42.2 33.4 50.2

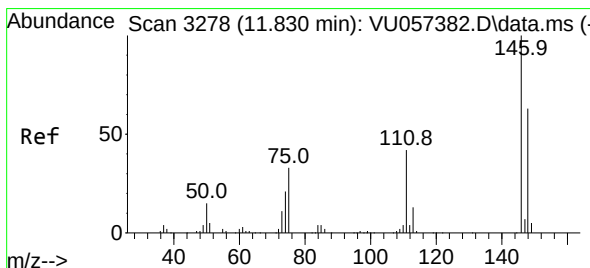
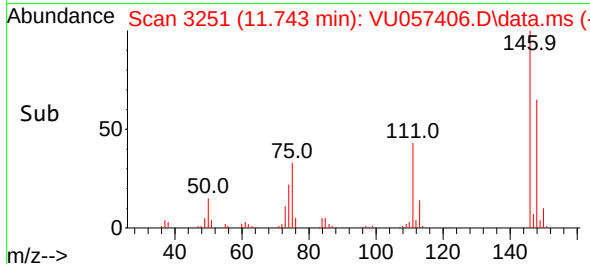
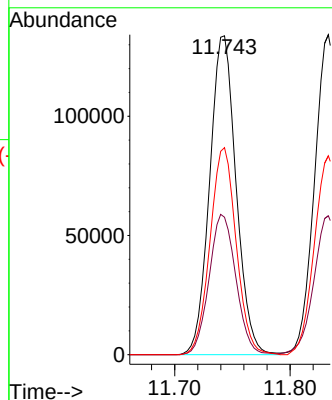
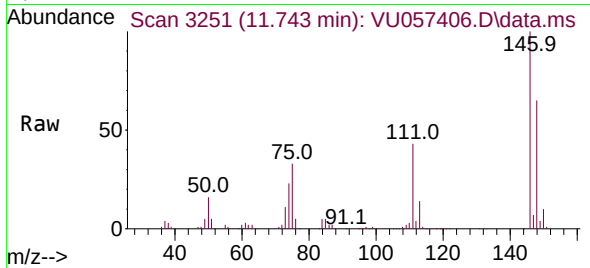




#64
1,3-Dichlorobenzene
Concen: 50.980 ug/L
RT: 11.743 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU057406.D
Acq: 09 Jan 2024 00:45

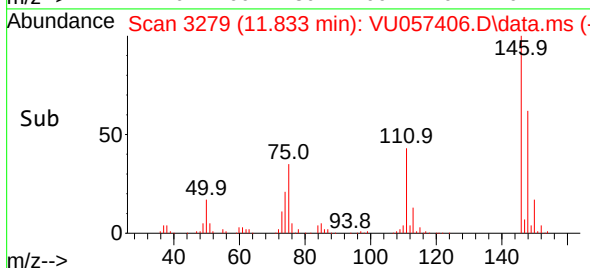
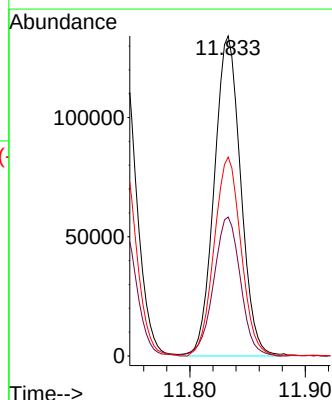
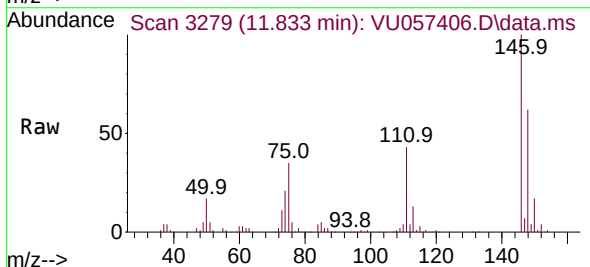
Instrument :
MSVOA_U
ClientSampleId :

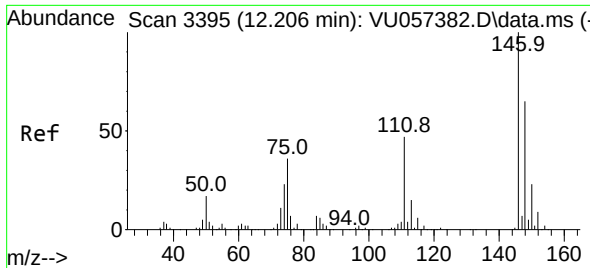
Tgt Ion:146 Resp: 212897
Ion Ratio Lower Upper
146 100
111 43.1 31.6 58.8
148 64.9 45.0 83.6



#65
1,4-Dichlorobenzene
Concen: 49.857 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VU057406.D
Acq: 09 Jan 2024 00:45

Tgt Ion:146 Resp: 213727
Ion Ratio Lower Upper
146 100
111 43.4 30.3 56.3
148 62.2 45.9 85.3

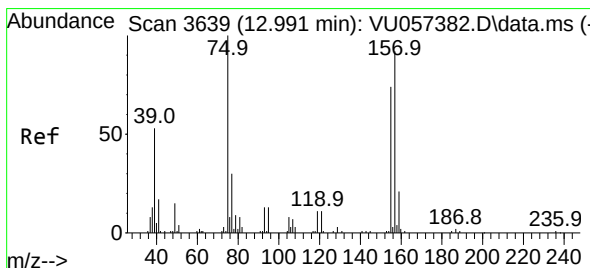
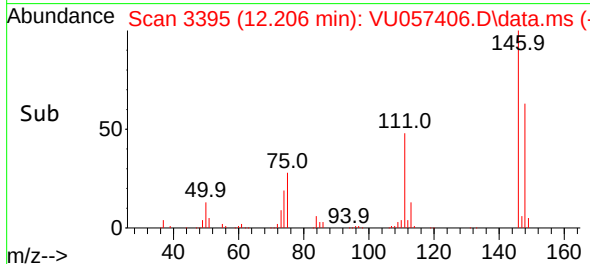
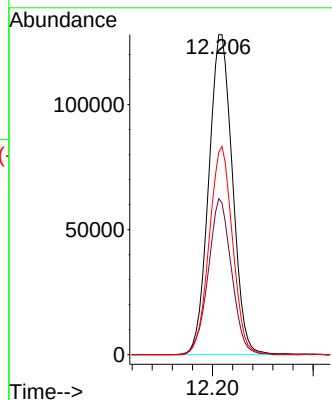
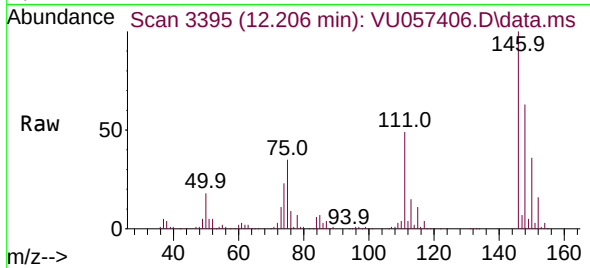




#67
1,2-Dichlorobenzene
Concen: 49.845 ug/L
RT: 12.206 min Scan# 3395
Delta R.T. 0.000 min
Lab File: VU057406.D
Acq: 09 Jan 2024 00:45

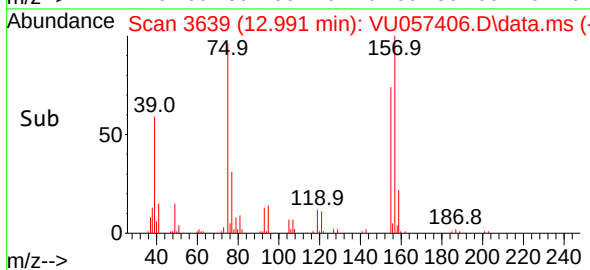
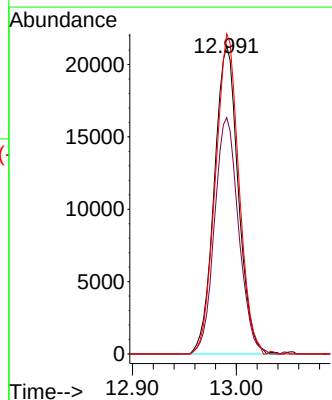
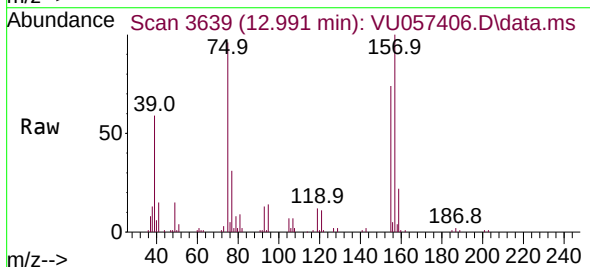
Instrument :
MSVOA_U
ClientSampleId :

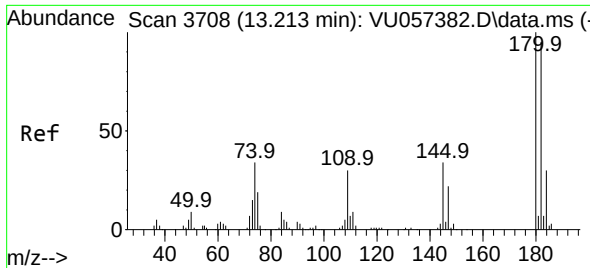
Tgt Ion:146 Resp: 209809
Ion Ratio Lower Upper
146 100
111 48.8 36.9 55.3
148 63.3 52.2 78.2



#68
1,2-Dibromo-3-chloropropane
Concen: 49.939 ug/L
RT: 12.991 min Scan# 3639
Delta R.T. -0.000 min
Lab File: VU057406.D
Acq: 09 Jan 2024 00:45

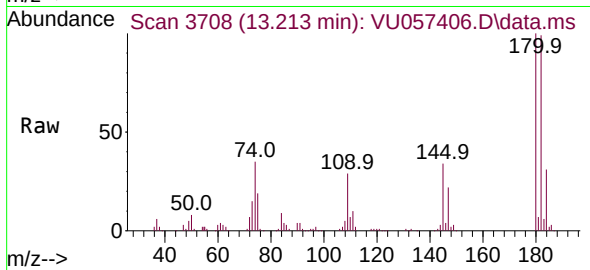
Tgt Ion: 75 Resp: 34176
Ion Ratio Lower Upper
75 100
155 82.0 64.3 96.5
157 103.9 73.8 110.6



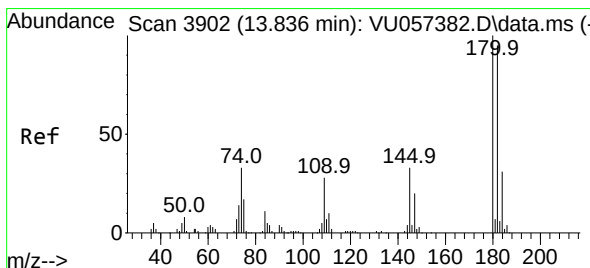
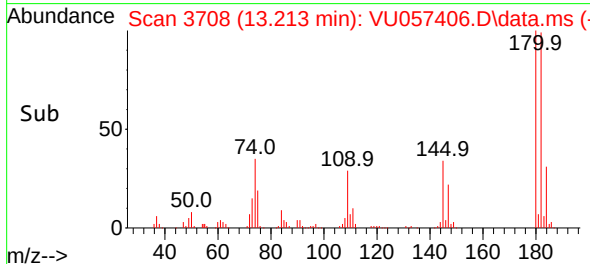
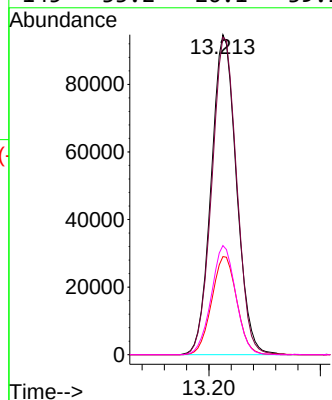


#69
 1,3,5-Trichlorobenzene
 Concen: 49.745 ug/L
 RT: 13.213 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU057406.D
 Acq: 09 Jan 2024 00:45

Instrument :
 MSVOA_U
 ClientSampleId :

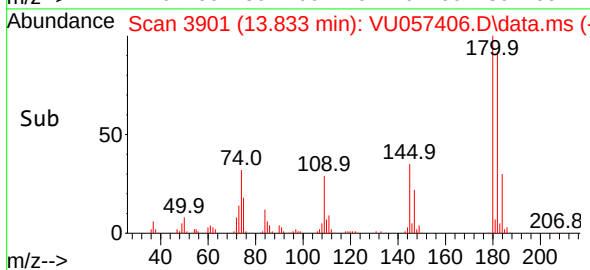
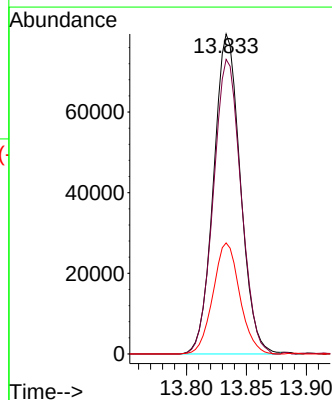
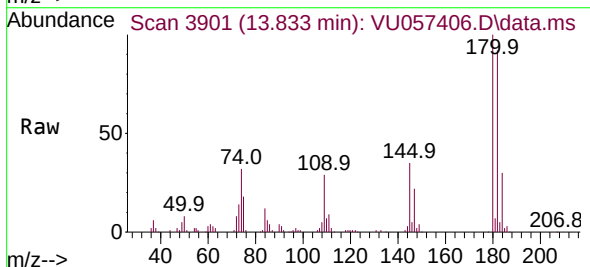


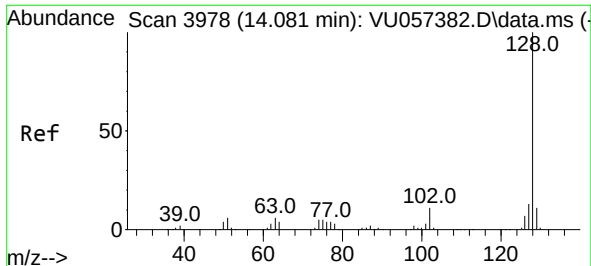
Tgt Ion:180 Resp: 148705
 Ion Ratio Lower Upper
 180 100
 182 97.7 75.6 113.4
 184 30.6 23.9 35.9
 145 33.2 26.1 39.1



#70
 1,2,4-trichlorobenzene
 Concen: 54.144 ug/L
 RT: 13.833 min Scan# 3901
 Delta R.T. -0.003 min
 Lab File: VU057406.D
 Acq: 09 Jan 2024 00:45

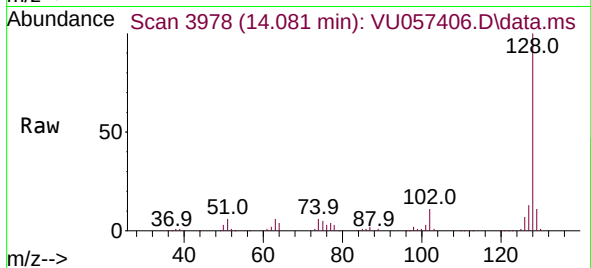
Tgt Ion:180 Resp: 123227
 Ion Ratio Lower Upper
 180 100
 182 94.6 75.8 113.8
 145 34.6 27.4 41.0



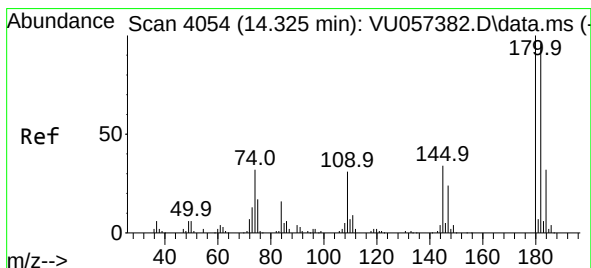
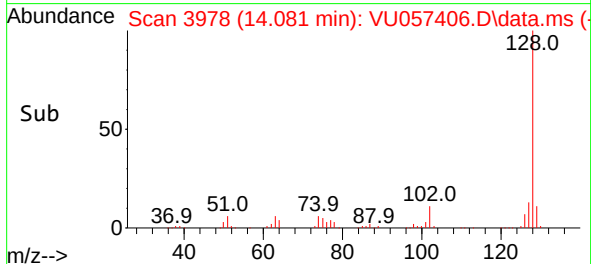
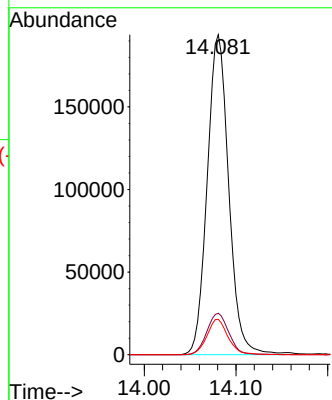


#71
Naphthalene
Concen: 59.428 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU057406.D
Acq: 09 Jan 2024 00:45

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 316030
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.2
129 10.8 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 55.544 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VU057406.D
Acq: 09 Jan 2024 00:45

Tgt Ion:180 Resp: 119549
Ion Ratio Lower Upper
180 100
182 96.6 77.5 116.3
145 36.2 28.2 42.4

