

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011124\
 Data File : VU057466.D
 Acq On : 11 Jan 2024 18:18
 Operator : MD/SY
 Sample : VSTD020
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 11 21:07:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 11 21:04:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	320706	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	310558	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	154366	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	655135	22.913	ug/L	0.00
7) Chloroethane-d5	1.911	69	506360	22.182	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	277149	24.098	ug/L	0.00
20) 2-Butanone-d5	4.634	46	1370775	220.081	ug/L	0.00
24) Chloroform-d	5.055	84	1108743	21.921	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.692	65	533607	20.949	ug/L	0.00
32) Benzene-d6	5.721	84	2210032	22.748	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	680645	22.549	ug/L	0.00
41) Toluene-d8	7.891	98	1973050	23.572	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	258578	22.082	ug/L	0.00
46) 2-Hexanone-d5	8.630	63	1094518	217.744	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.749	84	501281	21.475	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	627258	21.805	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	429882	18.582	ug/L	99
3) Chloromethane	1.518	50	469884	18.266	ug/L	97
5) Vinyl chloride	1.602	62	493709	18.626	ug/L	99
6) Bromomethane	1.856	94	282111	21.593	ug/L	96
8) Chloroethane	1.933	64	302025	17.689	ug/L	99
9) Trichlorofluoromethane	2.136	101	654325	17.296	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	431277	18.632	ug/L	99
12) 1,1-Dichloroethene	2.573	96	382896	18.526	ug/L	96
13) Acetone	2.660	43	678675	169.009	ug/L	99
14) Carbon disulfide	2.788	76	1037839	17.631	ug/L	100
15) Methyl Acetate	2.955	43	175593	18.969	ug/L	97
16) Methylene chloride	3.039	84	441946	16.359	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	1040460	19.898	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	393904	19.061	ug/L	99
19) 1,1-Dichloroethane	3.859	63	865491	19.719	ug/L	100
21) 2-Butanone	4.714	43	1175092	203.960	ug/L	96
22) cis-1,2-Dichloroethene	4.656	96	472880	19.758	ug/L	98
23) Bromochloromethane	4.965	128	189382	17.870	ug/L	99
25) Chloroform	5.078	83	894650	19.402	ug/L	99
27) 1,2-Dichloroethane	5.785	62	537196	18.712	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	757313	18.627	ug/L	99
30) Cyclohexane	5.380	56	693675	22.430	ug/L	99
31) Carbon tetrachloride	5.518	117	622508	18.318	ug/L	99
33) Benzene	5.766	78	1826424	19.564	ug/L	100
34) Trichloroethene	6.534	95	481328	19.414	ug/L	99
35) Methylcyclohexane	6.756	83	719055	22.249	ug/L	95
37) 1,2-Dichloropropane	6.782	63	511930	19.747	ug/L	100
38) Bromodichloromethane	7.097	83	629425	19.069	ug/L	100
39) cis-1,3-Dichloropropene	7.598	75	742996	21.136	ug/L	97
40) 4-Methyl-2-pentanone	7.788	43	2937568	222.117	ug/L	98
42) Toluene	7.962	91	1938038	19.313	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	603102	19.829	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011124\
 Data File : VU057466.D
 Acq On : 11 Jan 2024 18:18
 Operator : MD/SY
 Sample : VSTD020
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 11 21:07:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 11 21:04:51 2024
 Response via : Initial Calibration

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

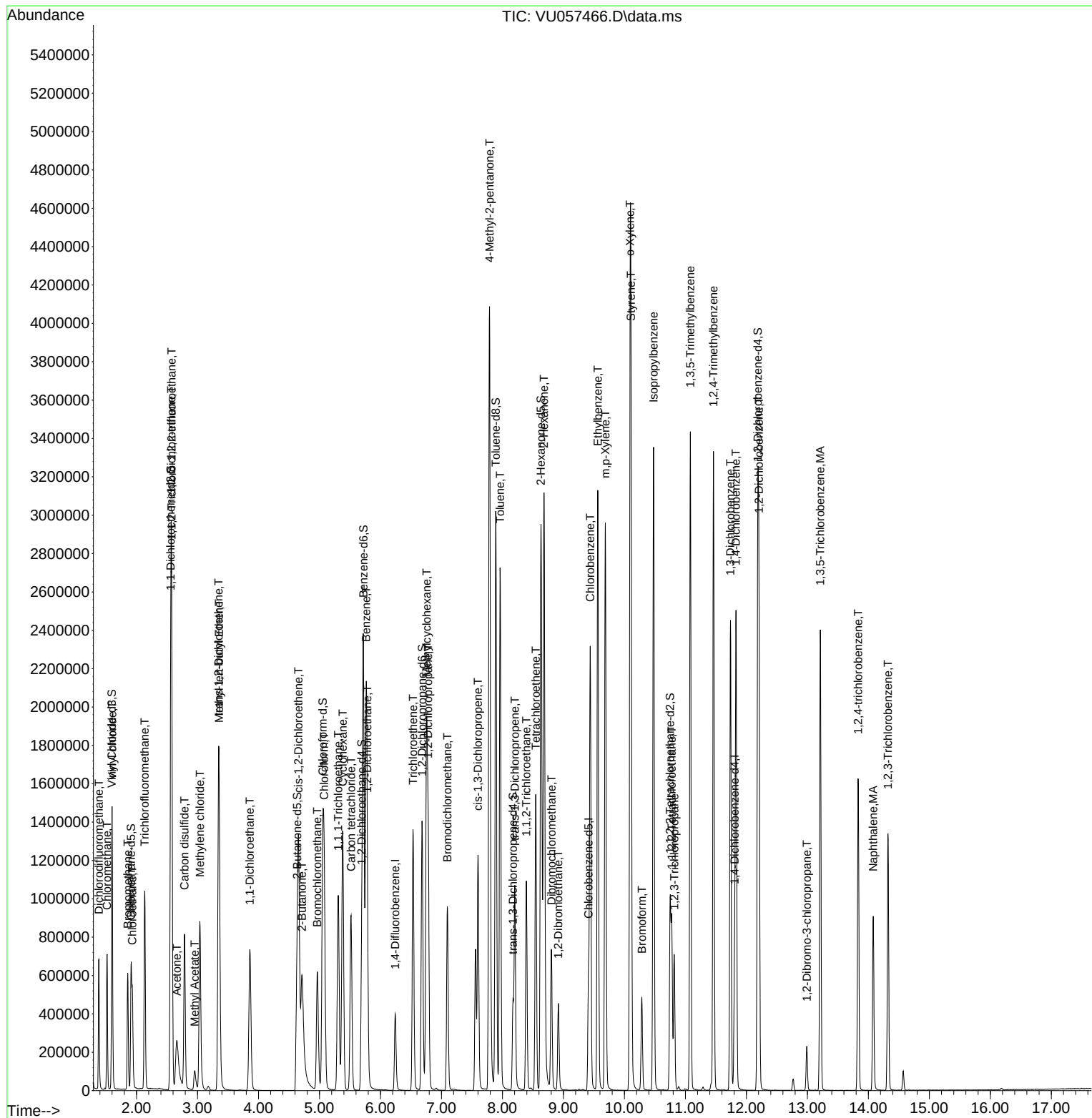
45) 1,1,2-Trichloroethane	8.393	97	328001	17.683	ug/L	98
47) Tetrachloroethene	8.547	164	316215	18.289	ug/L	99
48) 2-Hexanone	8.682	43	2178578	226.241	ug/L	95
49) Dibromochloromethane	8.804	129	372503	18.080	ug/L	98
50) 1,2-Dibromoethane	8.917	107	300363	18.524	ug/L #	97
51) Chlorobenzene	9.441	112	1195112	20.591	ug/L	98
52) Ethylbenzene	9.563	91	2197642	22.962	ug/L	100
53) m,p-Xylene	9.688	106	816013	22.538	ug/L	96
54) o-Xylene	10.093	106	790787	23.134	ug/L	94
55) Styrene	10.110	104	1362023	23.791	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	436338	19.787	ug/L	99
59) Bromoform	10.286	173	210562	18.311	ug/L	98
60) Isopropylbenzene	10.479	105	2157687	23.517	ug/L	98
61) 1,2,3-Trichloropropane	10.817	75	300955	19.382	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	1797115	24.200	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	1787980	24.135	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	946305	20.827	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	907702	19.782	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	869694	19.976	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.990	75	61223	17.688	ug/L	95
69) 1,3,5-Trichlorobenzene	13.212	180	671464	20.770	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	429751	17.172	ug/L	98
71) Naphthalene	14.080	128	677535	17.991	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	355522	16.840	ug/L	99

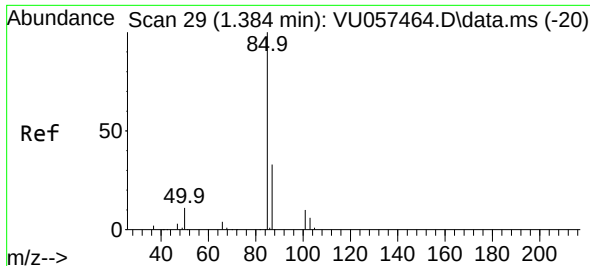
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011124\
Data File : VU057466.D
Acq On : 11 Jan 2024 18:18
Operator : MD/SY
Sample : VSTD020
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

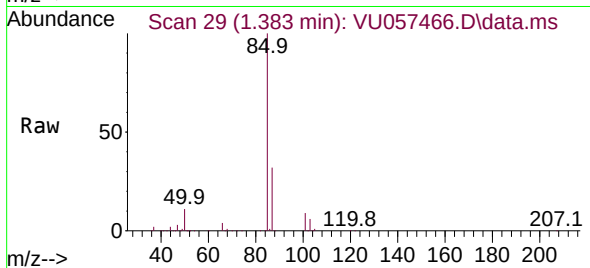
Quant Time: Jan 11 21:07:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011124WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 11 21:04:51 2024
Response via : Initial Calibration



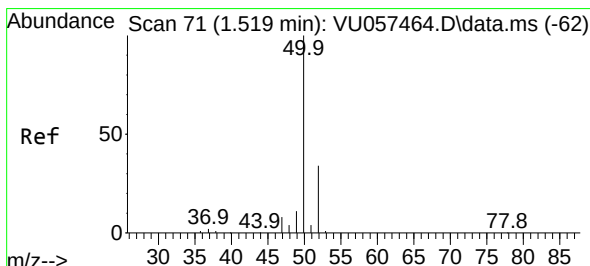
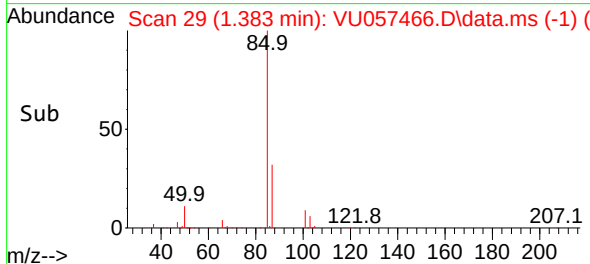
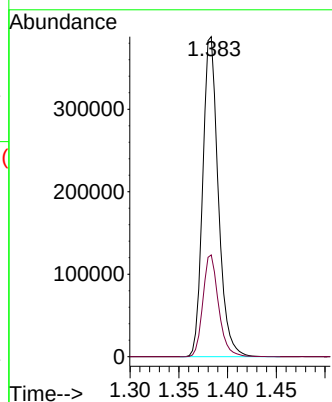


#2
Dichlorodifluoromethane
Concen: 18.582 ug/L
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU057466.D
Acq: 11 Jan 2024 18:18

Instrument :
MSVOA_U
ClientSampleId :

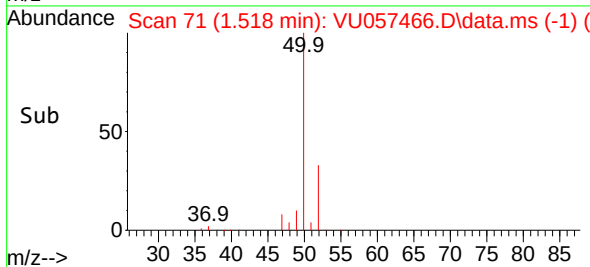
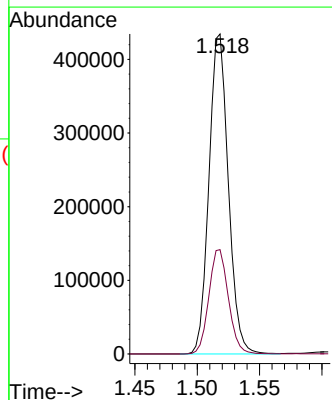
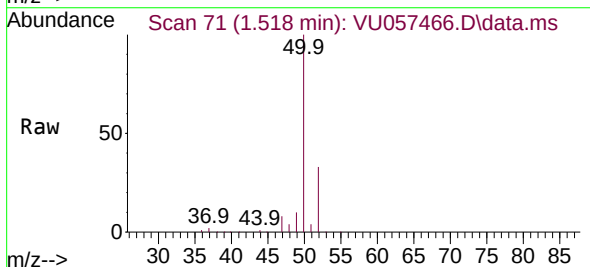


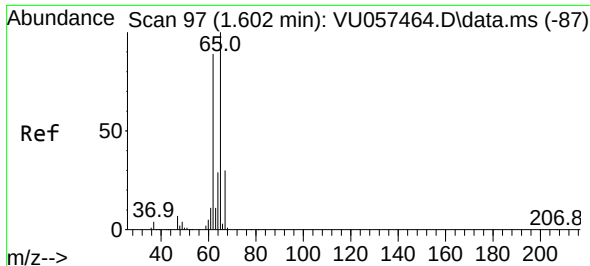
Tgt Ion: 85 Resp: 429882
Ion Ratio Lower Upper
85 100
87 32.0 26.2 39.4



#3
Chloromethane
Concen: 18.266 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU057466.D
Acq: 11 Jan 2024 18:18

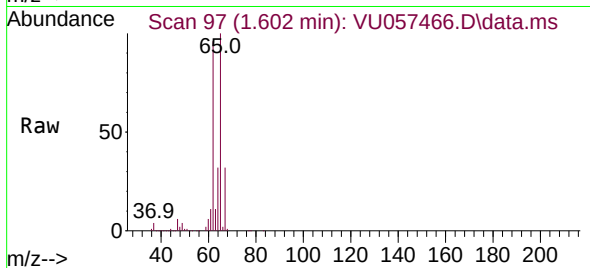
Tgt Ion: 50 Resp: 469884
Ion Ratio Lower Upper
50 100
52 32.6 24.1 44.7



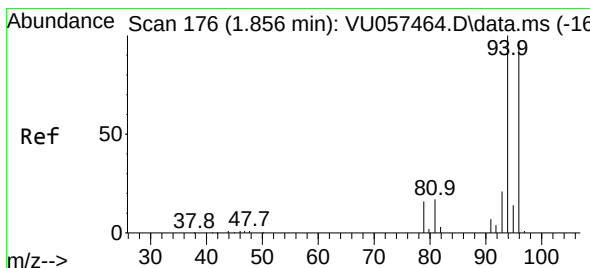
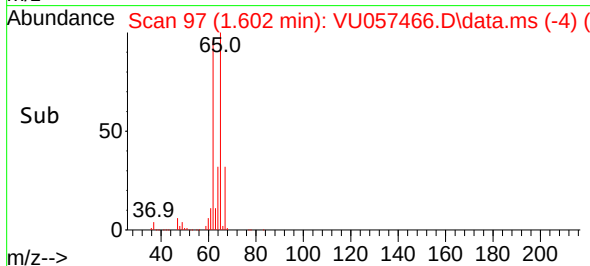
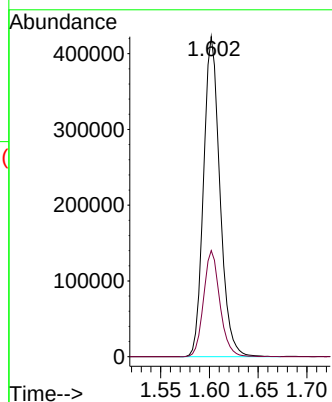


#5
 Vinyl chloride
 Concen: 18.626 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU057466.D
 Acq: 11 Jan 2024 18:18

Instrument :
 MSVOA_U
 ClientSampleId :

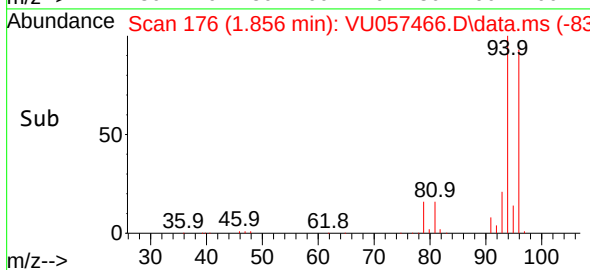
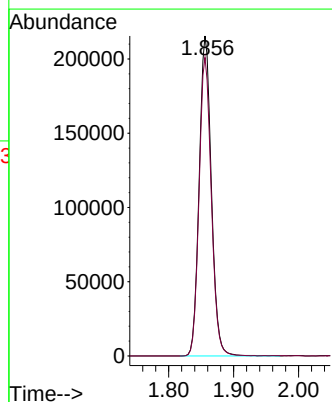
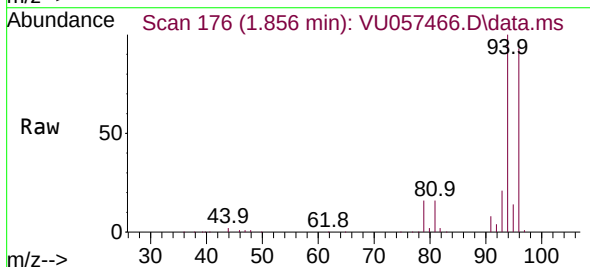


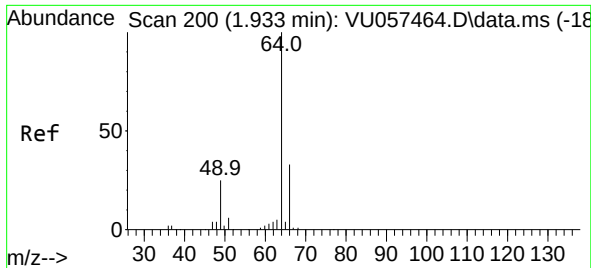
Tgt Ion: 62 Resp: 493709
 Ion Ratio Lower Upper
 62 100
 64 33.1 22.9 42.5



#6
 Bromomethane
 Concen: 21.593 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. -0.000 min
 Lab File: VU057466.D
 Acq: 11 Jan 2024 18:18

Tgt Ion: 94 Resp: 282111
 Ion Ratio Lower Upper
 94 100
 96 93.3 68.0 126.2

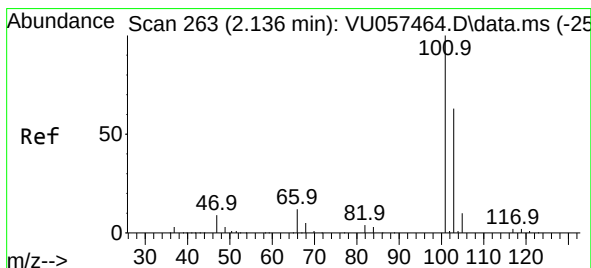
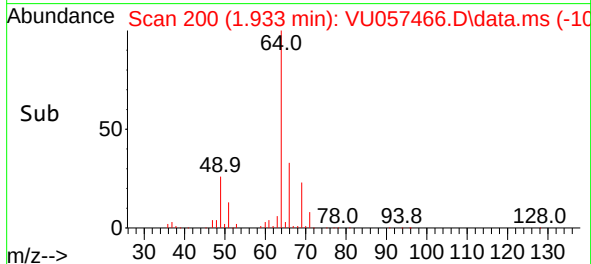
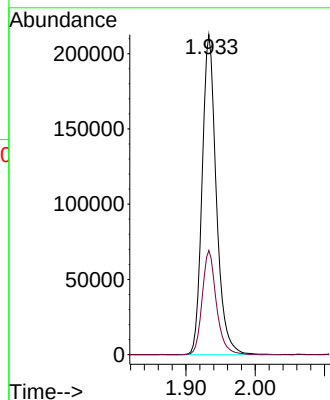
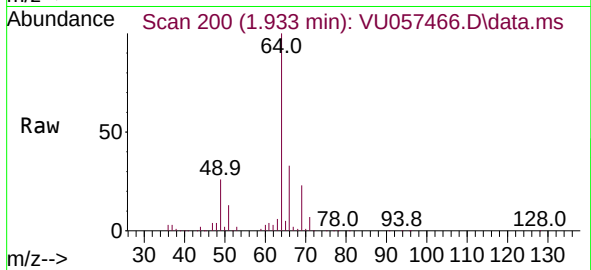




#8
Chloroethane
Concen: 17.689 ug/L
RT: 1.933 min Scan# 200
Delta R.T. -0.000 min
Lab File: VU057466.D
Acq: 11 Jan 2024 18:18

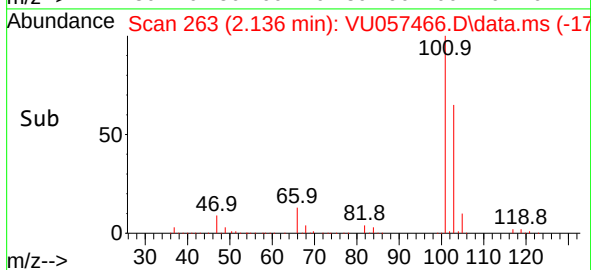
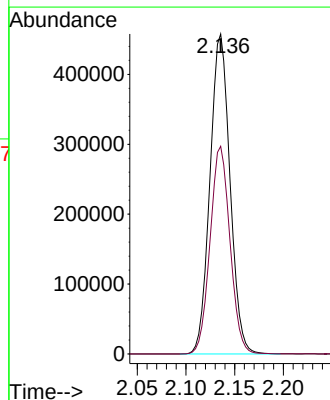
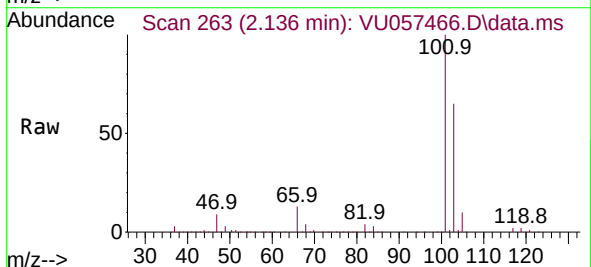
Instrument :
MSVOA_U
ClientSampleId :

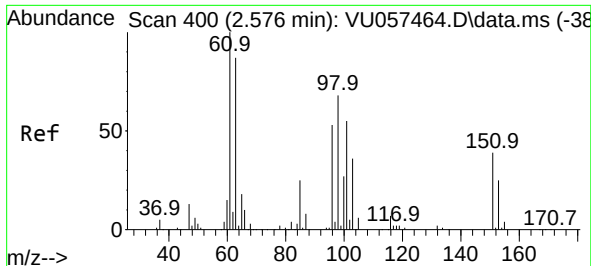
Tgt Ion: 64 Resp: 302025
Ion Ratio Lower Upper
64 100
66 32.6 23.3 43.3



#9
Trichlorofluoromethane
Concen: 17.296 ug/L
RT: 2.136 min Scan# 263
Delta R.T. -0.000 min
Lab File: VU057466.D
Acq: 11 Jan 2024 18:18

Tgt Ion:101 Resp: 654325
Ion Ratio Lower Upper
101 100
103 64.6 51.2 76.8

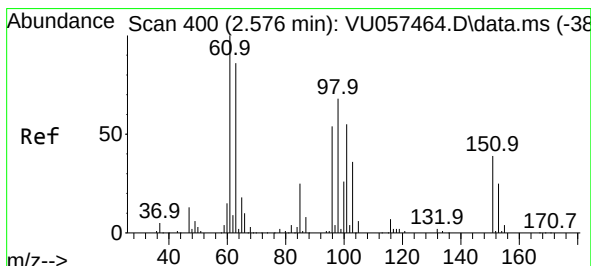
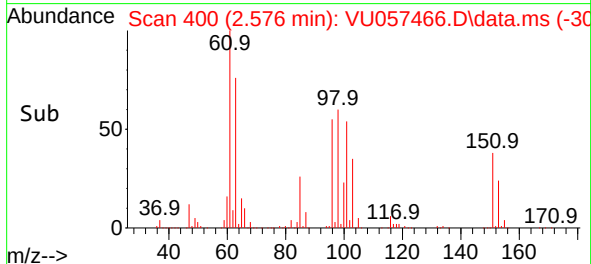
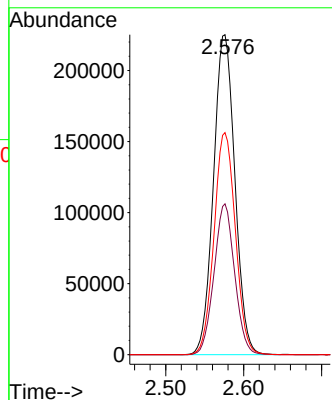
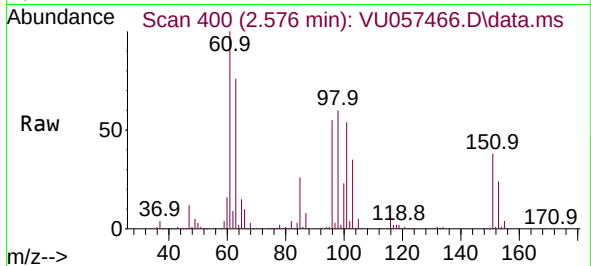




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 18.632 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU057466.D
 Acq: 11 Jan 2024 18:18

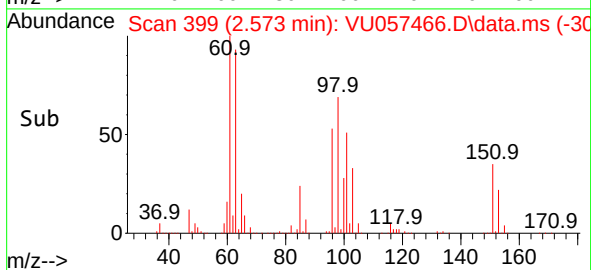
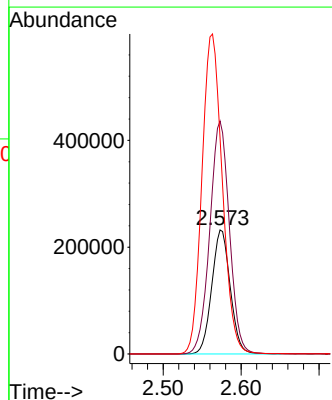
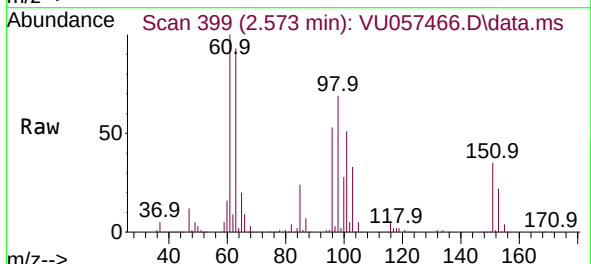
Instrument :
 MSVOA_U
 ClientSampleId :

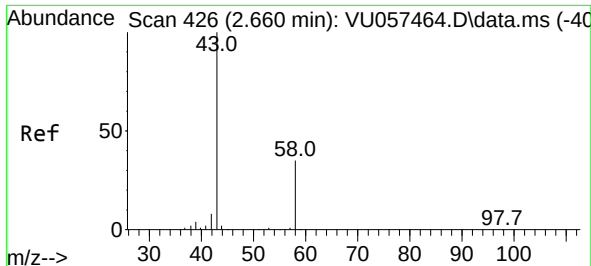
Tgt Ion:101 Resp: 431277
 Ion Ratio Lower Upper
 101 100
 85 45.4 35.1 52.7
 151 69.3 55.4 83.0



#12
 1,1-Dichloroethene
 Concen: 18.526 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.004 min
 Lab File: VU057466.D
 Acq: 11 Jan 2024 18:18

Tgt Ion: 96 Resp: 382896
 Ion Ratio Lower Upper
 96 100
 61 187.9 130.9 243.1
 63 174.5 114.8 213.2





#13

Acetone

Concen: 169.009 ug/L

RT: 2.660 min Scan# 41

Delta R.T. -0.000 min

Lab File: VU057466.D

Acq: 11 Jan 2024 18:18

Instrument :

MSVOA_U

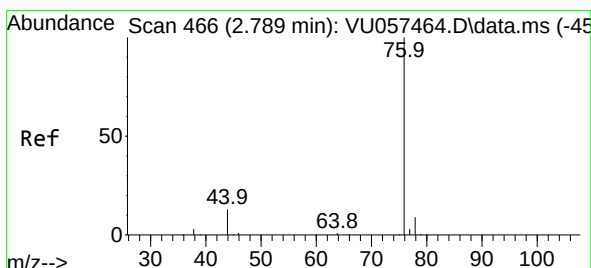
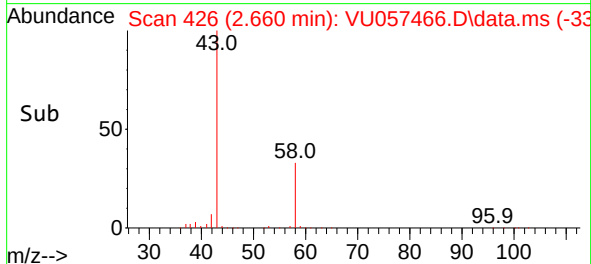
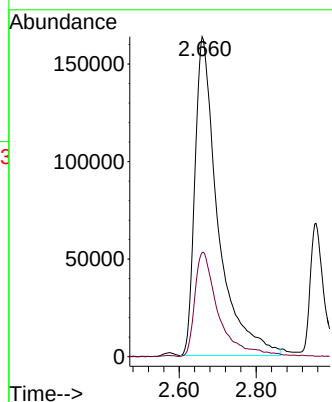
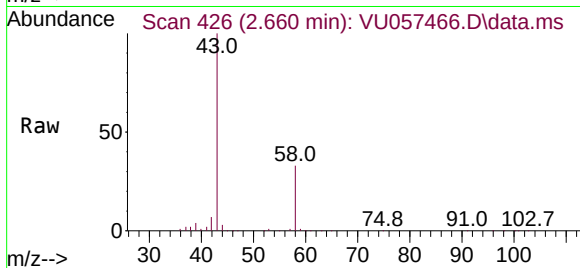
ClientSampleId :

Tgt Ion: 43 Resp: 678675

Ion Ratio Lower Upper

43 100

58 33.1 0.0 67.8



#14

Carbon disulfide

Concen: 17.631 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU057466.D

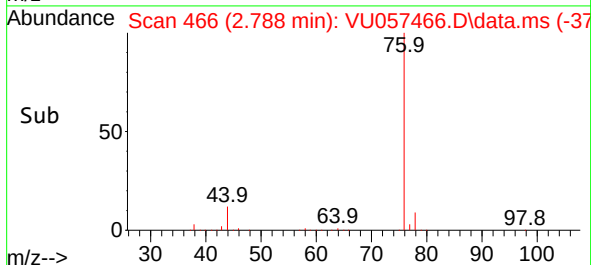
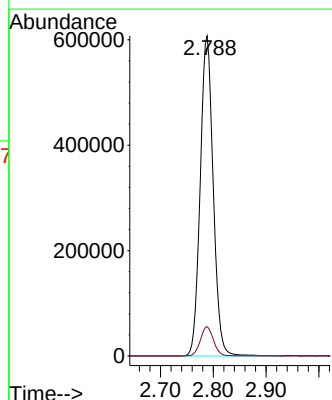
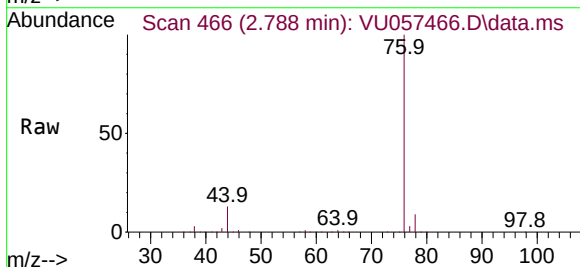
Acq: 11 Jan 2024 18:18

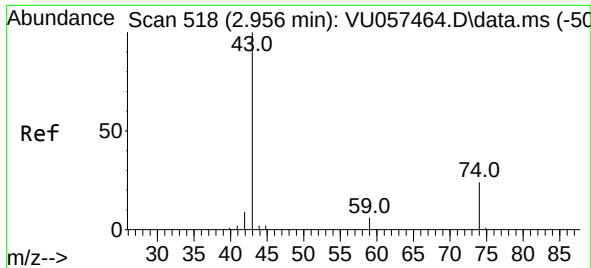
Tgt Ion: 76 Resp: 1037839

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9

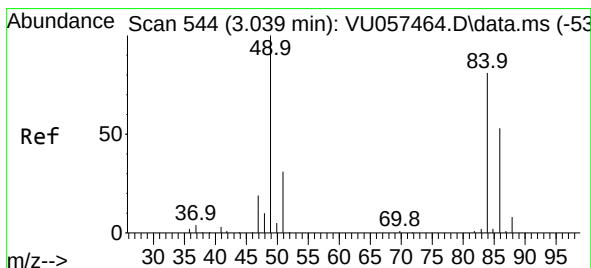
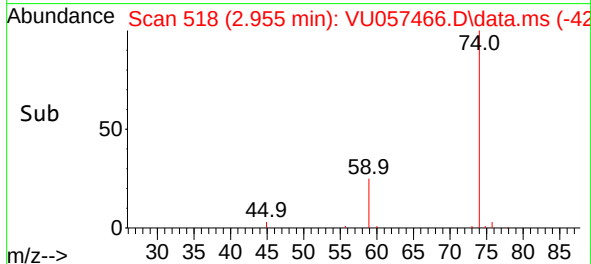
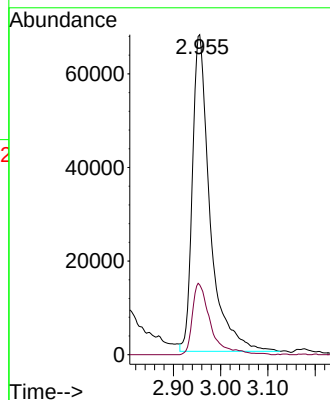
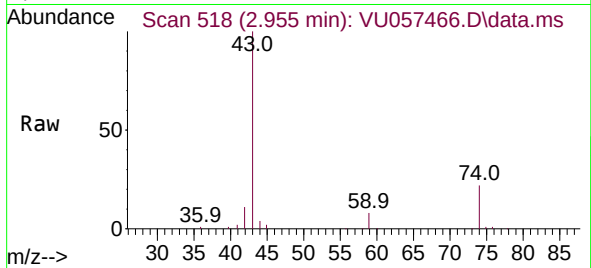




#15
Methyl Acetate
Concen: 18.969 ug/L
RT: 2.955 min Scan# 518
Delta R.T. -0.000 min
Lab File: VU057466.D
Acq: 11 Jan 2024 18:18

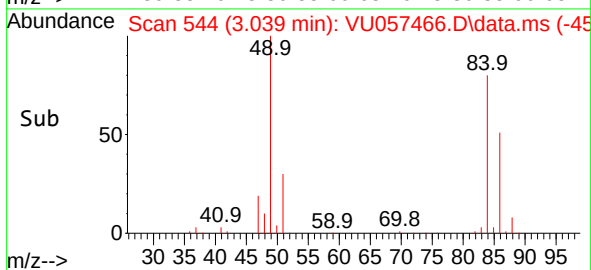
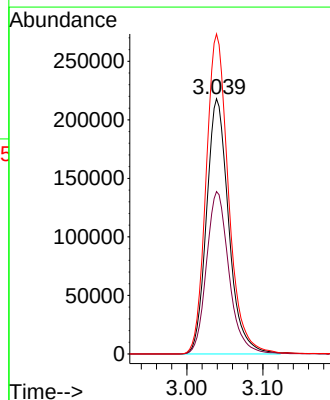
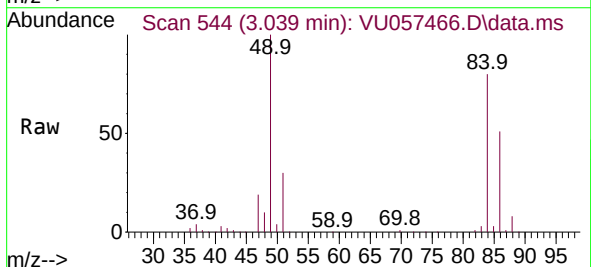
Instrument :
MSVOA_U
ClientSampleId :

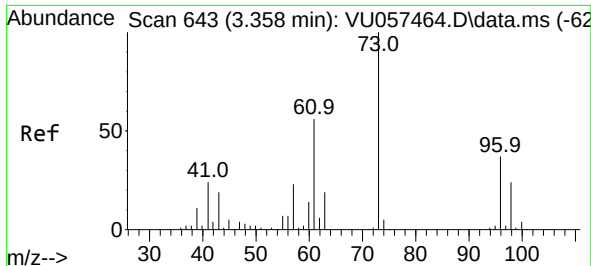
Tgt Ion: 43 Resp: 175593
Ion Ratio Lower Upper
43 100
74 21.9 18.6 27.8



#16
Methylene chloride
Concen: 16.359 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU057466.D
Acq: 11 Jan 2024 18:18

Tgt Ion: 84 Resp: 441946
Ion Ratio Lower Upper
84 100
86 63.6 45.8 85.2
49 125.4 86.7 161.1

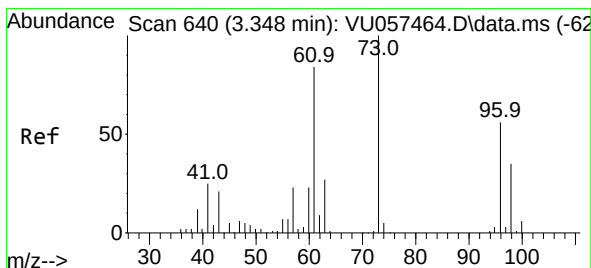
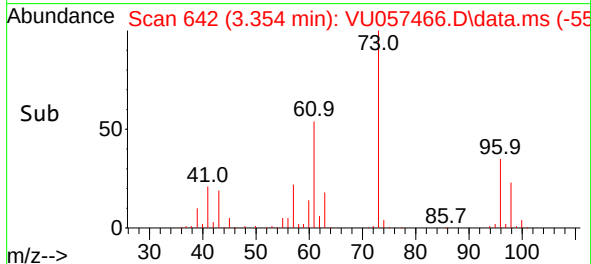
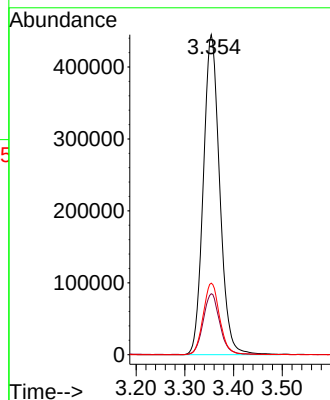
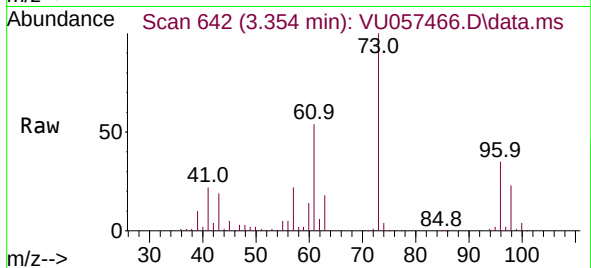




#17
Methyl tert-butyl Ether
Concen: 19.898 ug/L
RT: 3.354 min Scan# 641
Delta R.T. -0.004 min
Lab File: VU057466.D
Acq: 11 Jan 2024 18:18

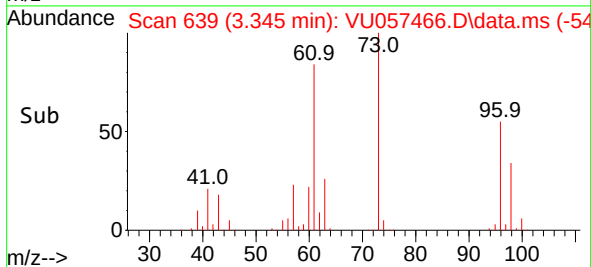
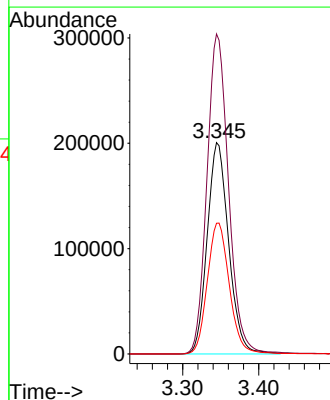
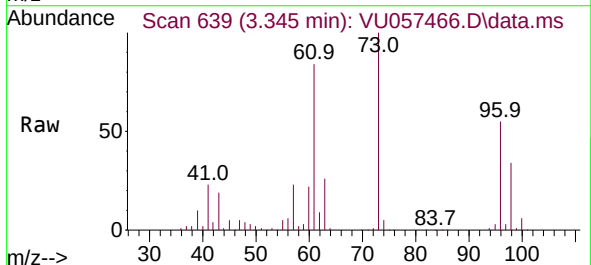
Instrument :
MSVOA_U
ClientSampleId :

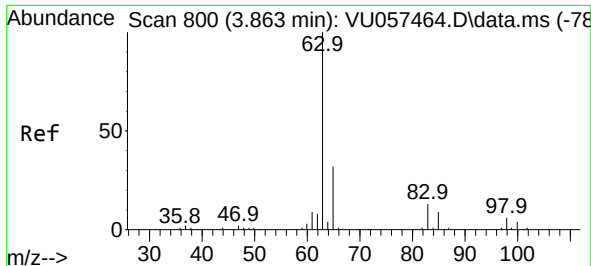
Tgt Ion: 73 Resp: 1040460
Ion Ratio Lower Upper
73 100
43 19.2 16.1 24.1
57 22.6 18.2 27.4



#18
trans-1,2-Dichloroethene
Concen: 19.061 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.004 min
Lab File: VU057466.D
Acq: 11 Jan 2024 18:18

Tgt Ion: 96 Resp: 393904
Ion Ratio Lower Upper
96 100
61 151.4 105.1 195.3
98 61.8 43.7 81.1





#19

1,1-Dichloroethane

Concen: 19.719 ug/L

RT: 3.859 min Scan# 79

Delta R.T. -0.004 min

Lab File: VU057466.D

Acq: 11 Jan 2024 18:18

Instrument :

MSVOA_U

ClientSampleId :

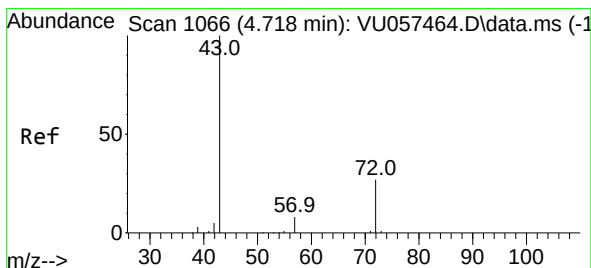
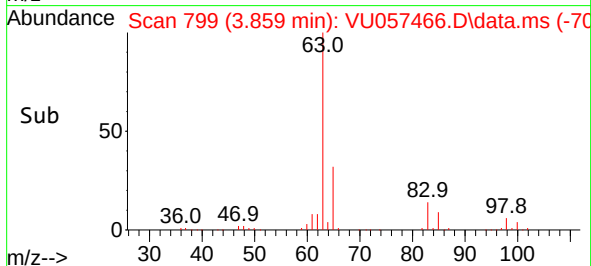
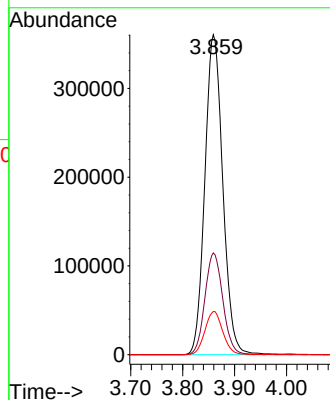
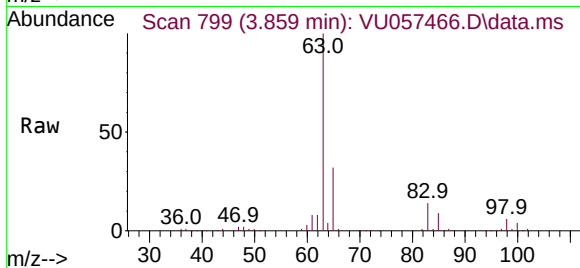
Tgt Ion: 63 Resp: 865491

Ion Ratio Lower Upper

63 100

65 31.8 22.3 41.3

83 13.5 9.1 16.9



#21

2-Butanone

Concen: 203.960 ug/L

RT: 4.714 min Scan# 1065

Delta R.T. -0.004 min

Lab File: VU057466.D

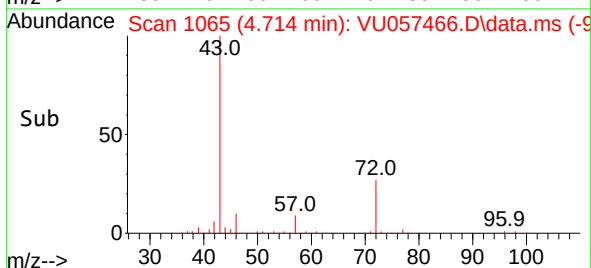
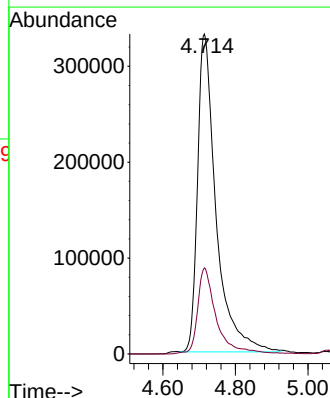
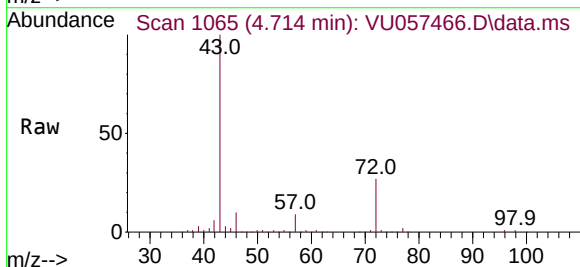
Acq: 11 Jan 2024 18:18

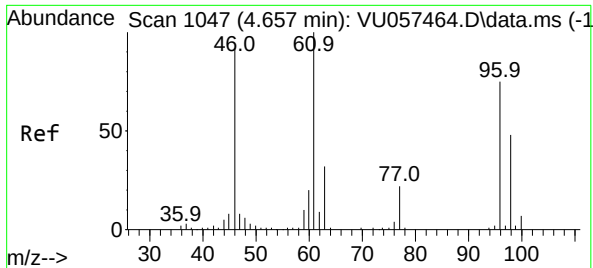
Tgt Ion: 43 Resp: 1175092

Ion Ratio Lower Upper

43 100

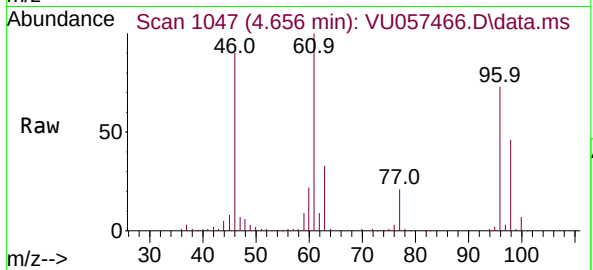
72 27.2 12.7 38.0





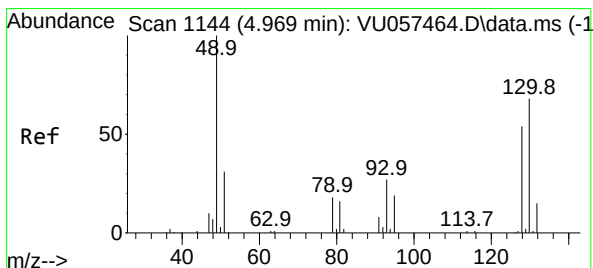
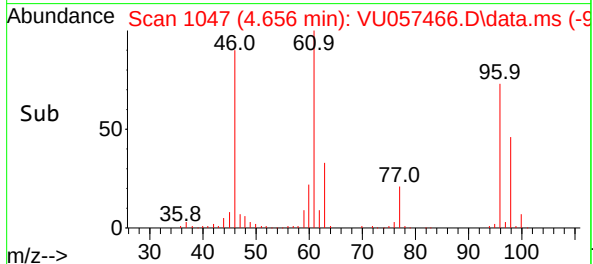
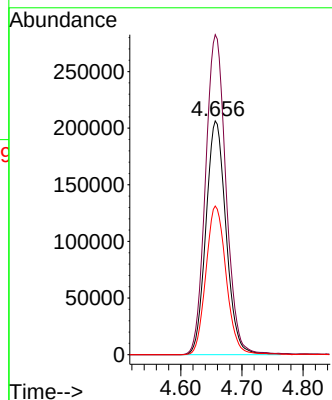
#22
 cis-1,2-Dichloroethene
 Concen: 19.758 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.000 min
 Lab File: VU057466.D
 Acq: 11 Jan 2024 18:18

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 472880

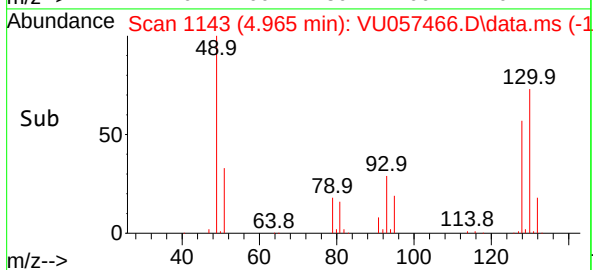
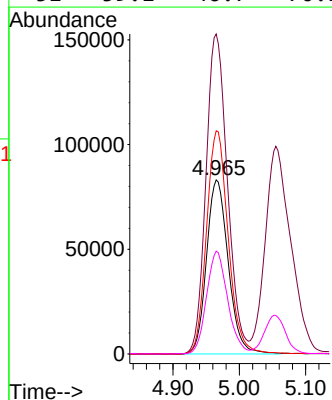
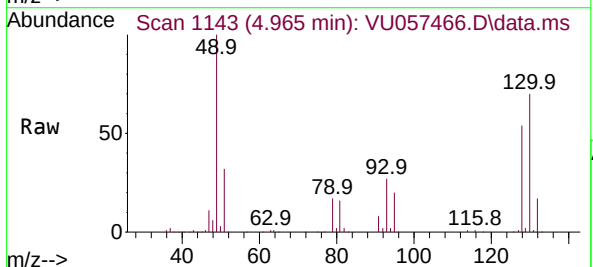
Ion	Ratio	Lower	Upper
96	100		
61	136.9	93.4	173.4
98	63.6	44.9	83.3

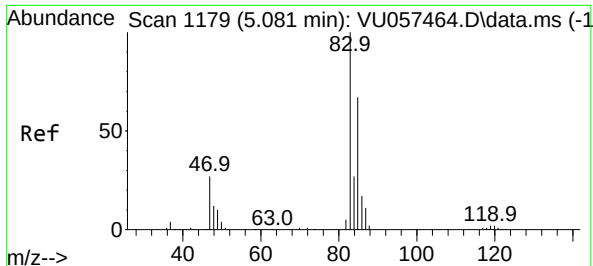


#23
 Bromochloromethane
 Concen: 17.870 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. -0.004 min
 Lab File: VU057466.D
 Acq: 11 Jan 2024 18:18

Tgt Ion: 128 Resp: 189382

Ion	Ratio	Lower	Upper
128	100		
49	183.9	130.3	241.9
130	128.3	88.8	165.0
51	59.1	46.7	70.1





#25

Chloroform

Concen: 19.402 ug/L

RT: 5.078 min Scan# 1179

Delta R.T. -0.004 min

Lab File: VU057466.D

Acq: 11 Jan 2024 18:18

Instrument :

MSVOA_U

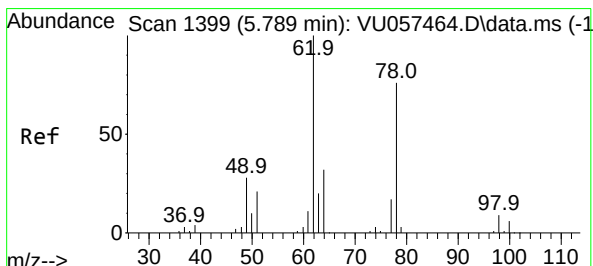
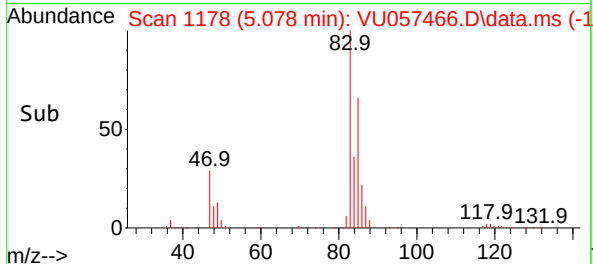
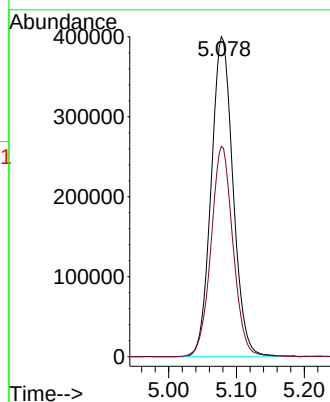
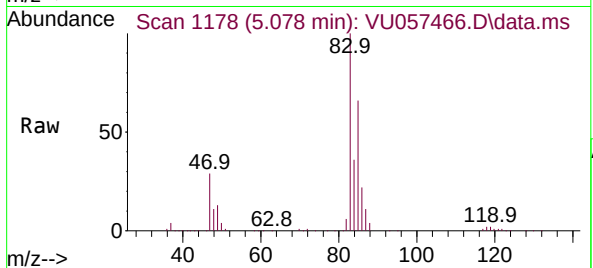
ClientSampleId :

Tgt Ion: 83 Resp: 894650

Ion Ratio Lower Upper

83 100

85 65.7 46.7 86.7



#27

1,2-Dichloroethane

Concen: 18.712 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.004 min

Lab File: VU057466.D

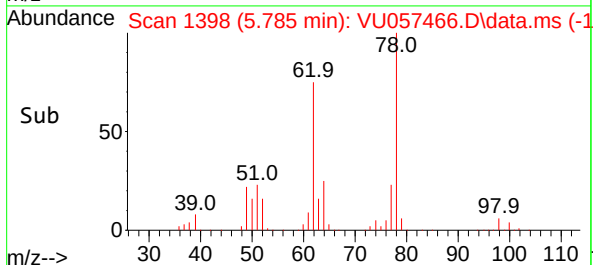
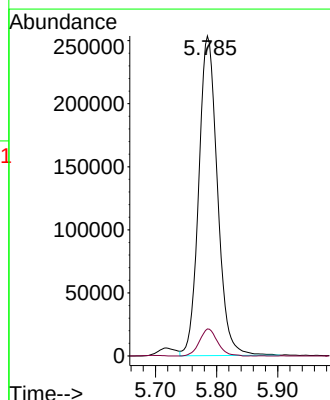
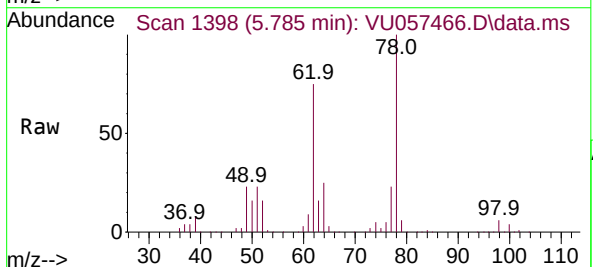
Acq: 11 Jan 2024 18:18

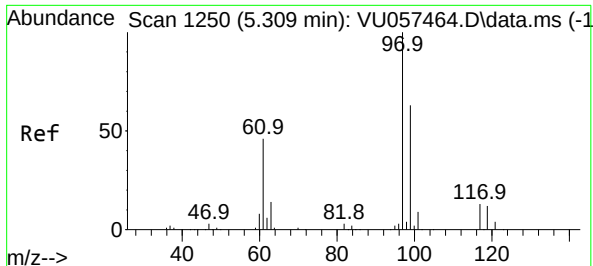
Tgt Ion: 62 Resp: 537196

Ion Ratio Lower Upper

62 100

98 8.4 7.4 11.0

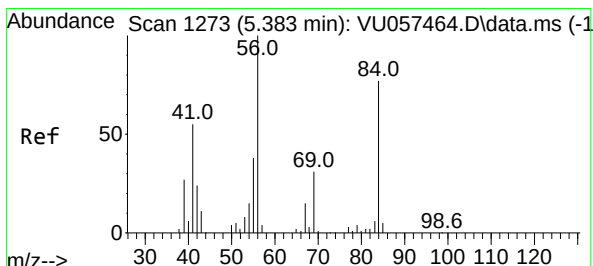
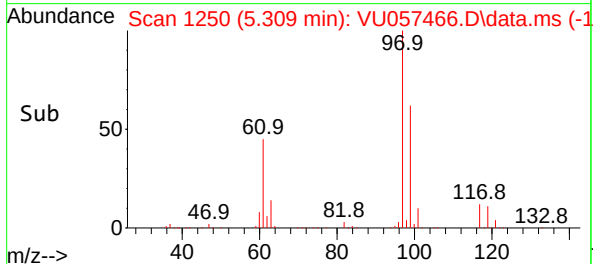
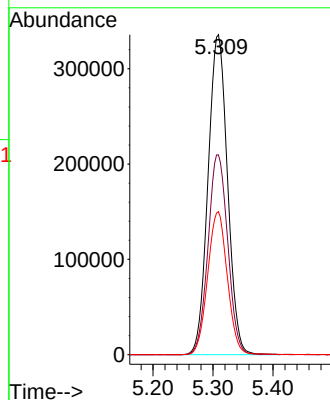
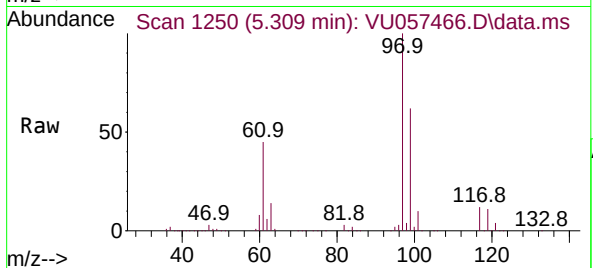




#29
1,1,1-Trichloroethane
Concen: 18.627 ug/L
RT: 5.309 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU057466.D
Acq: 11 Jan 2024 18:18

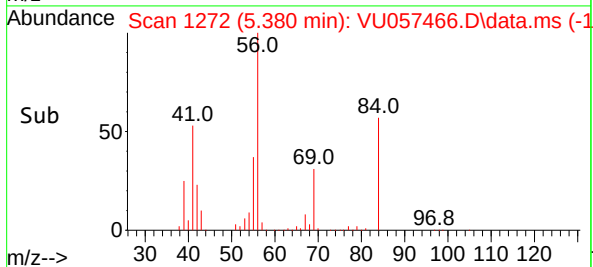
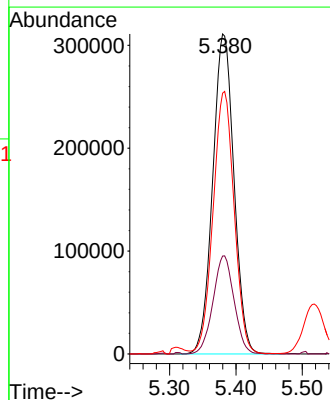
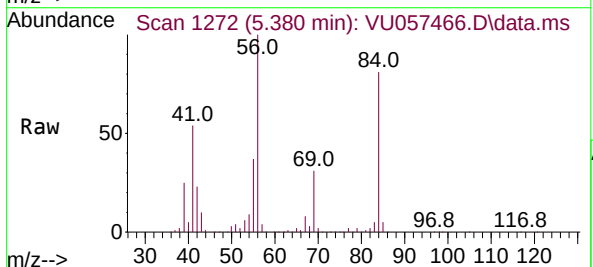
Instrument :
MSVOA_U
ClientSampleId :

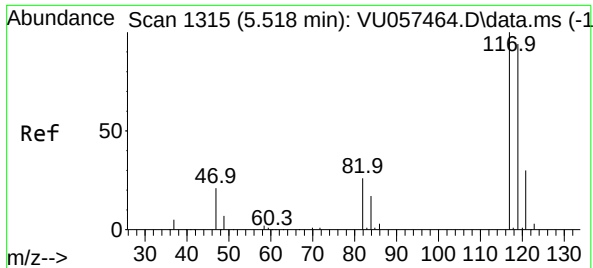
Tgt Ion: 97 Resp: 757313
Ion Ratio Lower Upper
97 100
99 63.4 51.4 77.0
61 45.2 36.9 55.3



#30
Cyclohexane
Concen: 22.430 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.004 min
Lab File: VU057466.D
Acq: 11 Jan 2024 18:18

Tgt Ion: 56 Resp: 693675
Ion Ratio Lower Upper
56 100
69 30.3 24.1 36.1
84 81.5 64.8 97.2

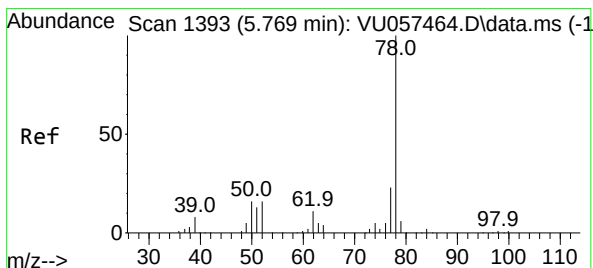
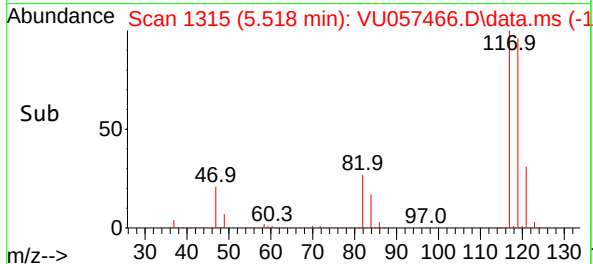
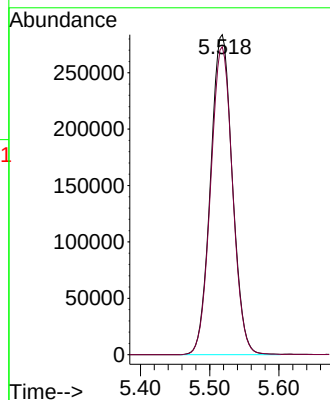
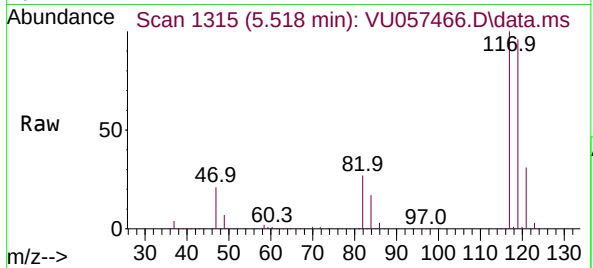




#31
Carbon tetrachloride
Concen: 18.318 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU057466.D
Acq: 11 Jan 2024 18:18

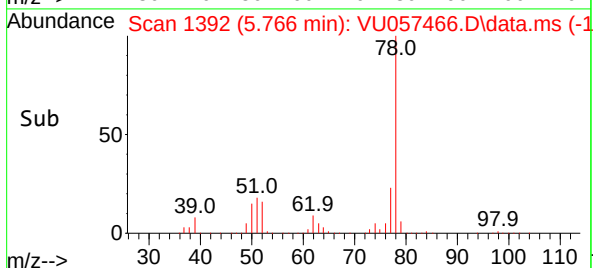
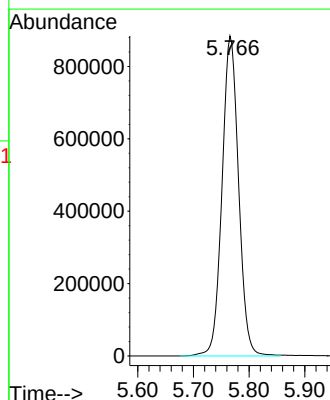
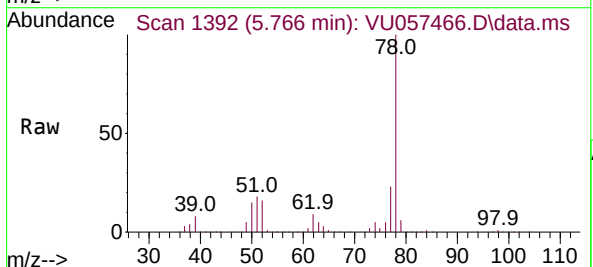
Instrument :
MSVOA_U
ClientSampleId :

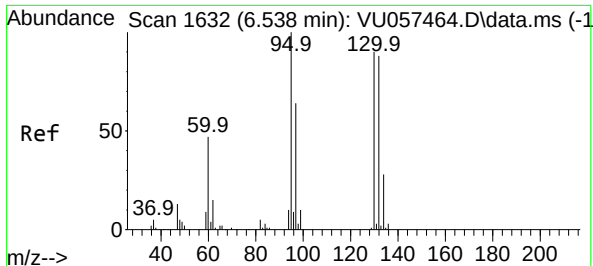
Tgt Ion:117 Resp: 622508
Ion Ratio Lower Upper
117 100
119 96.3 78.0 117.0



#33
Benzene
Concen: 19.564 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.004 min
Lab File: VU057466.D
Acq: 11 Jan 2024 18:18

Tgt Ion: 78 Resp: 1826424





#34

Trichloroethene

Concen: 19.414 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.004 min

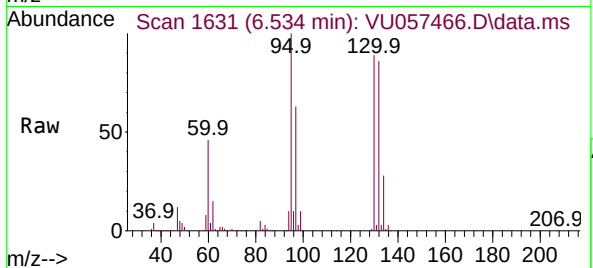
Lab File: VU057466.D

Acq: 11 Jan 2024 18:18

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 481328

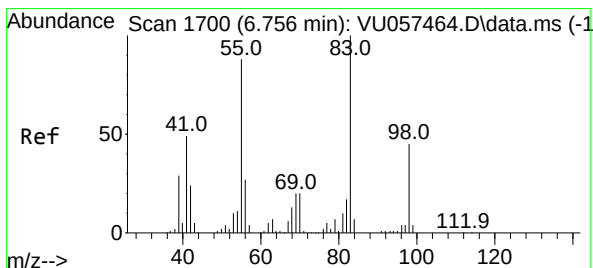
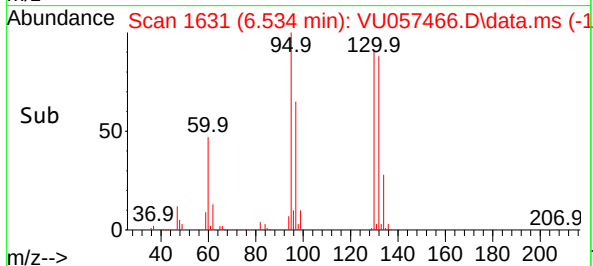
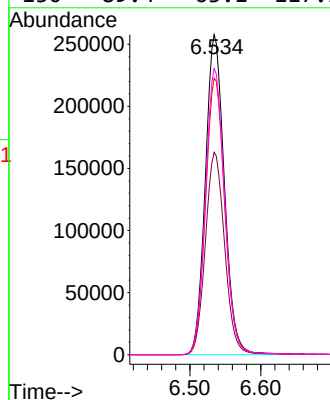
Ion Ratio Lower Upper

95 100

97 63.3 45.0 83.6

132 86.4 61.7 114.5

130 89.4 63.1 117.3



#35

Methylcyclohexane

Concen: 22.249 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VU057466.D

Acq: 11 Jan 2024 18:18

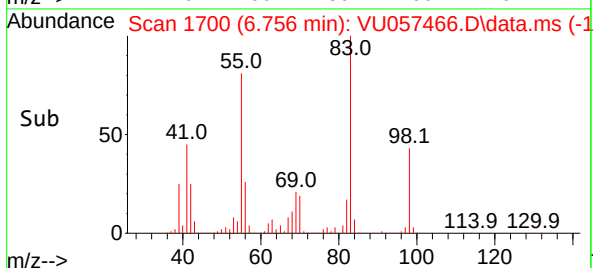
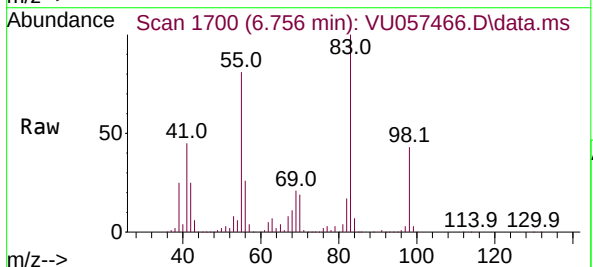
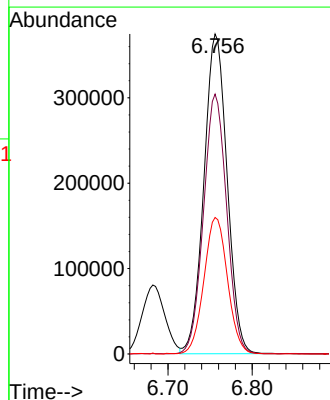
Tgt Ion: 83 Resp: 719055

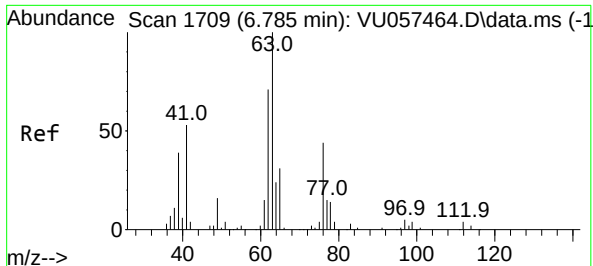
Ion Ratio Lower Upper

83 100

55 80.9 68.7 103.1

98 43.4 36.3 54.5





#37

1,2-Dichloropropane

Concen: 19.747 ug/L

RT: 6.782 min Scan# 1

Delta R.T. -0.004 min

Lab File: VU057466.D

Acq: 11 Jan 2024 18:18

Instrument :

MSVOA_U

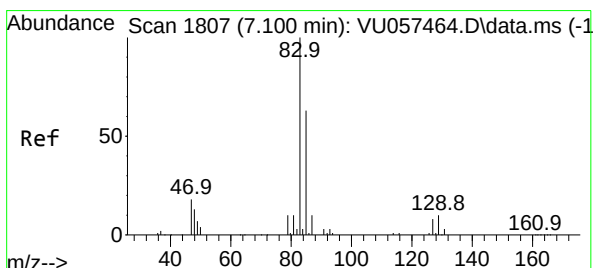
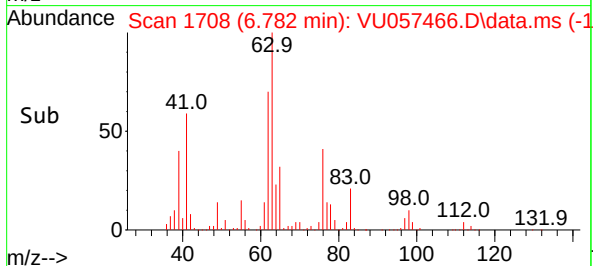
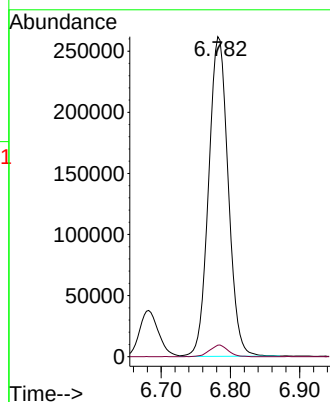
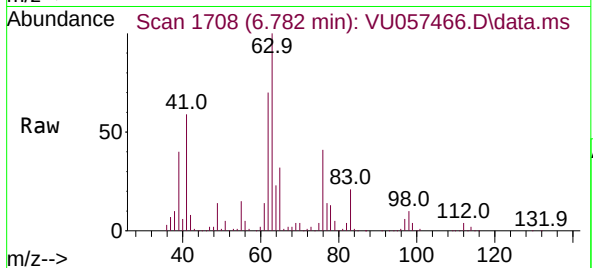
ClientSampleId :

Tgt Ion: 63 Resp: 511930

Ion Ratio Lower Upper

63 100

112 3.5 2.7 4.1



#38

Bromodichloromethane

Concen: 19.069 ug/L

RT: 7.097 min Scan# 1806

Delta R.T. -0.004 min

Lab File: VU057466.D

Acq: 11 Jan 2024 18:18

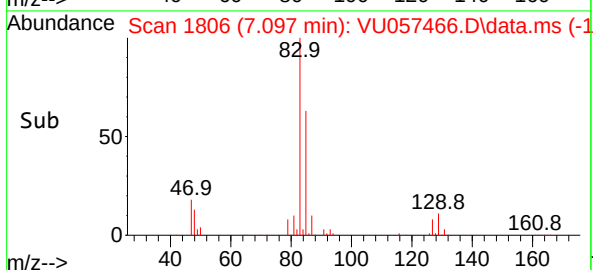
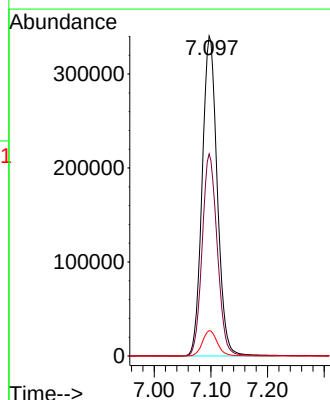
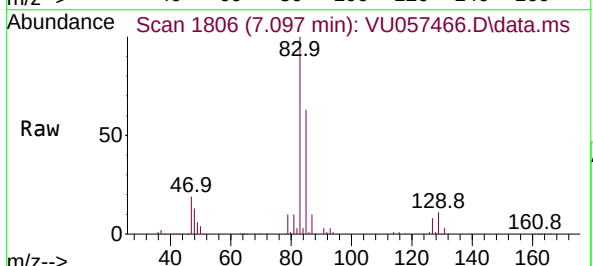
Tgt Ion: 83 Resp: 629425

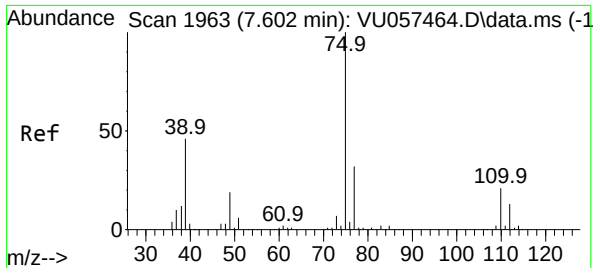
Ion Ratio Lower Upper

83 100

85 63.2 44.3 82.3

127 7.9 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 21.136 ug/L

RT: 7.598 min Scan# 1962

Delta R.T. -0.004 min

Lab File: VU057466.D

Acq: 11 Jan 2024 18:18

Instrument :

MSVOA_U

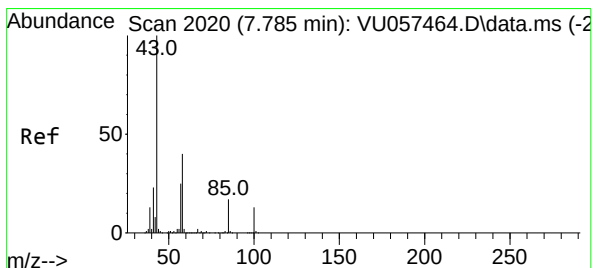
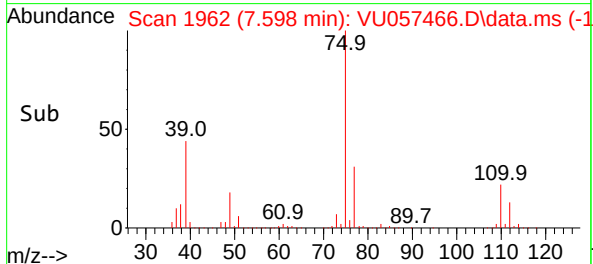
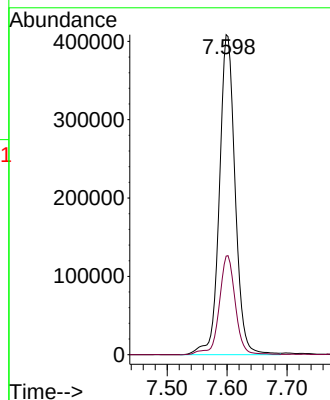
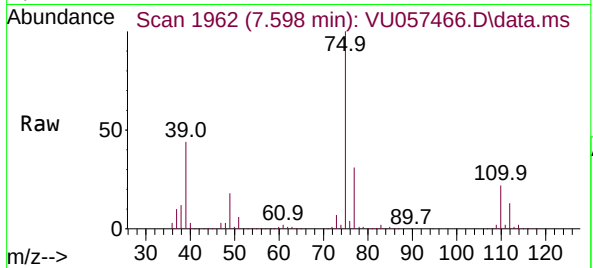
ClientSampleId :

Tgt Ion: 75 Resp: 742996

Ion Ratio Lower Upper

75 100

77 30.8 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 222.117 ug/L

RT: 7.788 min Scan# 2021

Delta R.T. 0.003 min

Lab File: VU057466.D

Acq: 11 Jan 2024 18:18

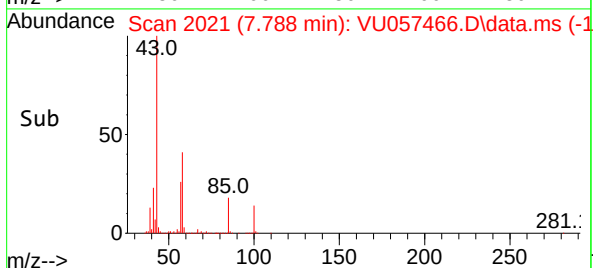
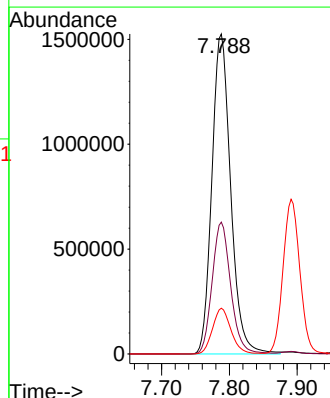
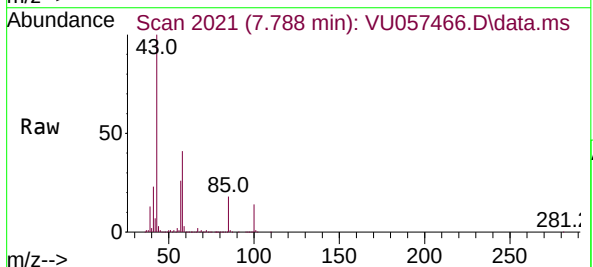
Tgt Ion: 43 Resp: 2937568

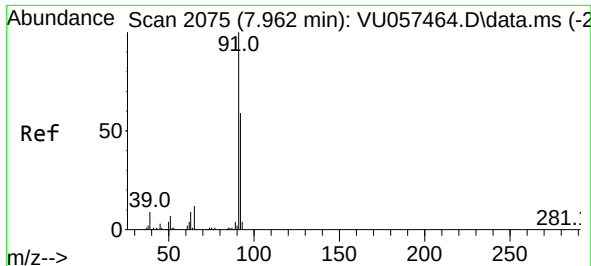
Ion Ratio Lower Upper

43 100

58 40.8 31.4 47.2

100 14.1 10.7 16.1





#42

Toluene

Concen: 19.313 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU057466.D

Acq: 11 Jan 2024 18:18

Instrument :

MSVOA_U

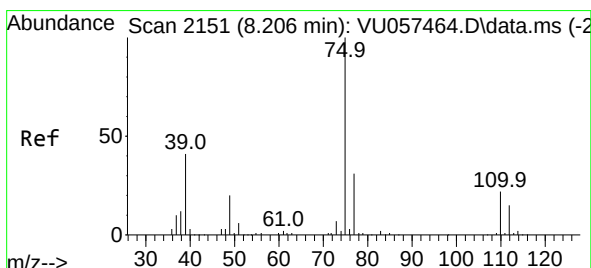
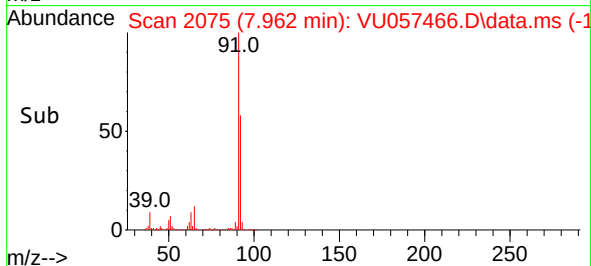
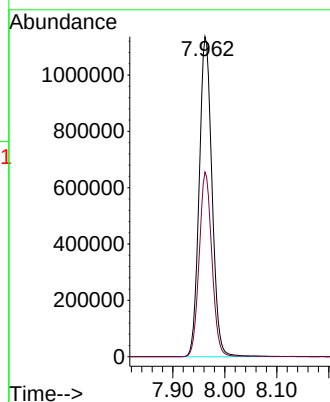
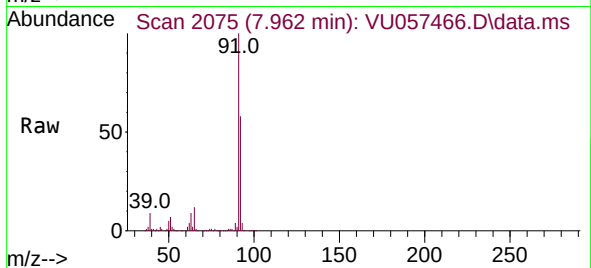
ClientSampleId :

Tgt Ion: 91 Resp: 1938038

Ion Ratio Lower Upper

91 100

92 57.7 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 19.829 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.004 min

Lab File: VU057466.D

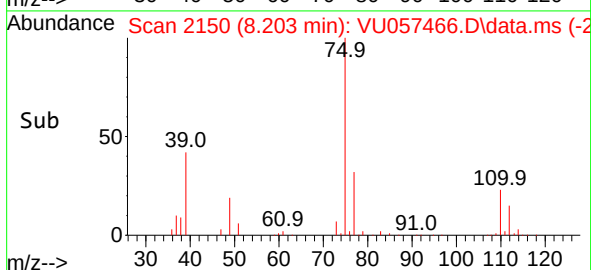
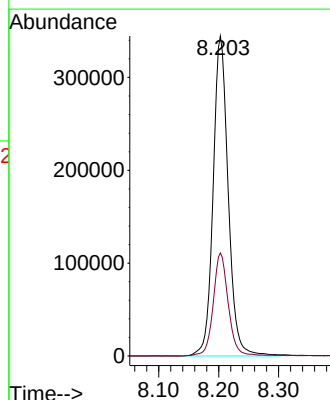
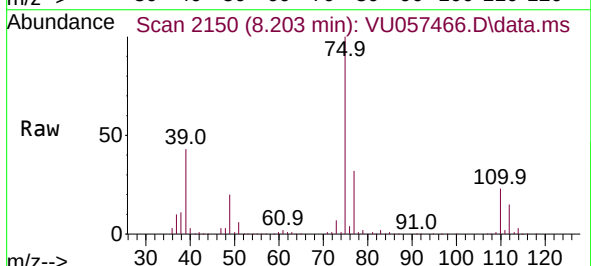
Acq: 11 Jan 2024 18:18

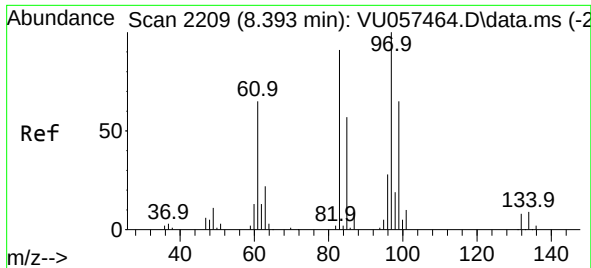
Tgt Ion: 75 Resp: 603102

Ion Ratio Lower Upper

75 100

77 32.2 22.1 41.1



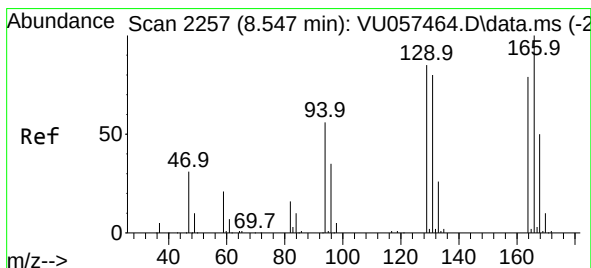
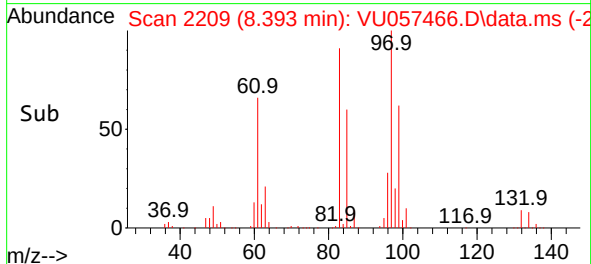
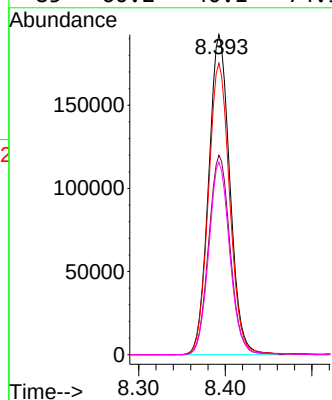
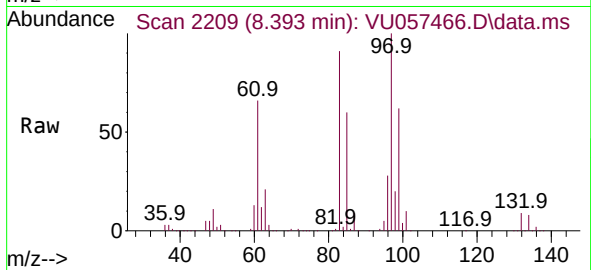


#45
1,1,2-Trichloroethane
Concen: 17.683 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU057466.D
Acq: 11 Jan 2024 18:18

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 328001

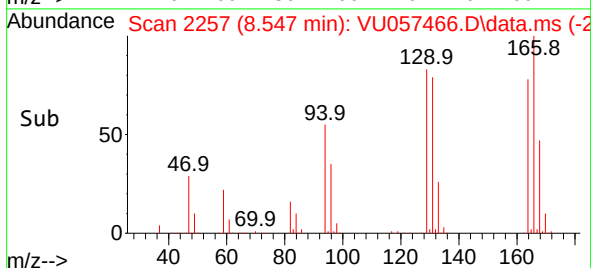
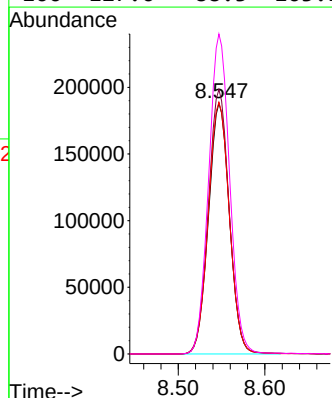
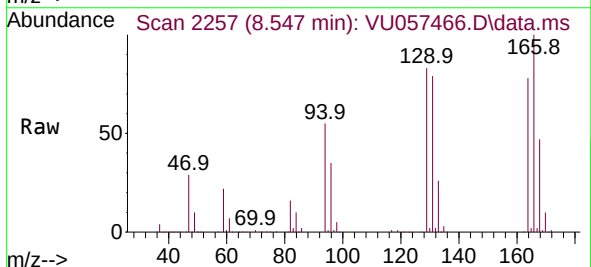
Ion	Ratio	Lower	Upper
97	100		
99	62.3	45.5	84.5
83	91.1	63.8	118.6
85	60.2	40.1	74.5

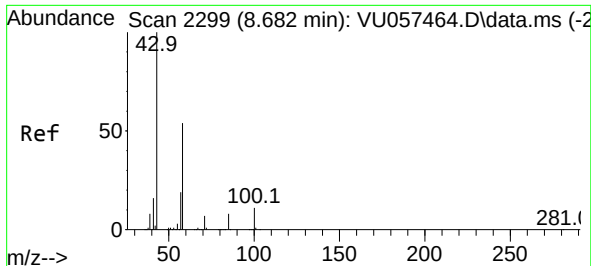


#47
Tetrachloroethene
Concen: 18.289 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU057466.D
Acq: 11 Jan 2024 18:18

Tgt Ion: 164 Resp: 316215

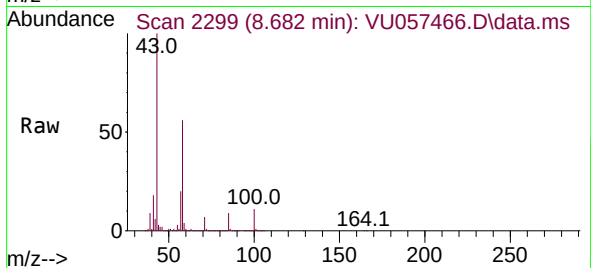
Ion	Ratio	Lower	Upper
164	100		
129	105.5	74.8	138.8
131	100.4	70.3	130.7
166	127.6	88.3	163.9





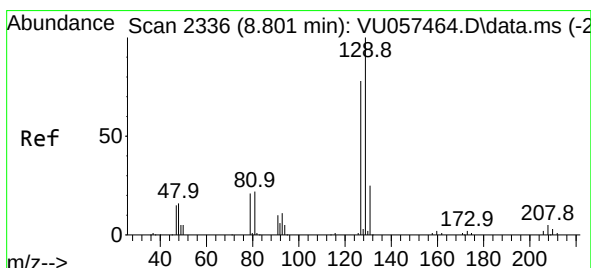
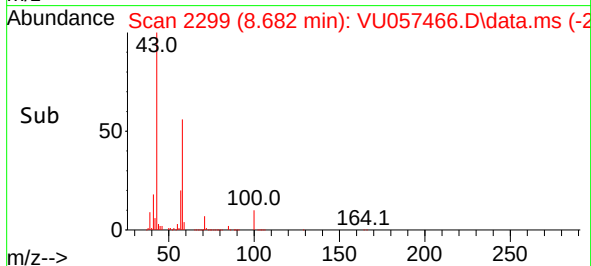
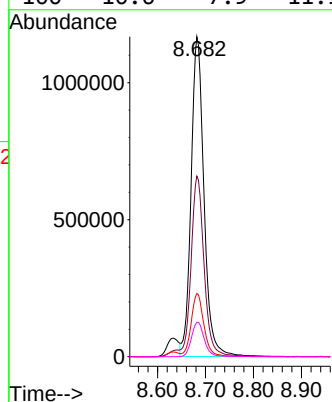
#48
2-Hexanone
Concen: 226.241 ug/L
RT: 8.682 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU057466.D
Acq: 11 Jan 2024 18:18

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 2178578

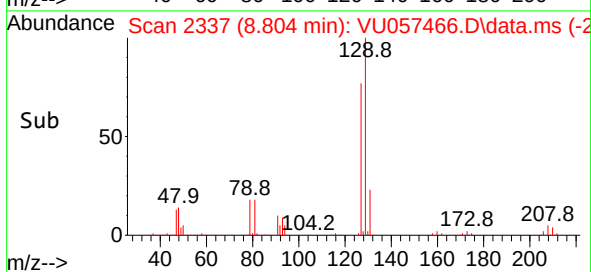
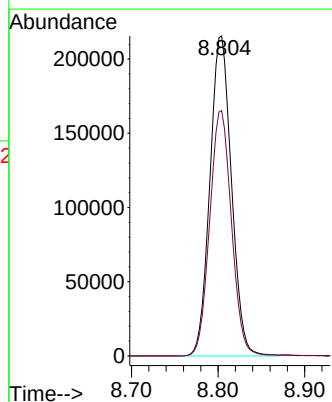
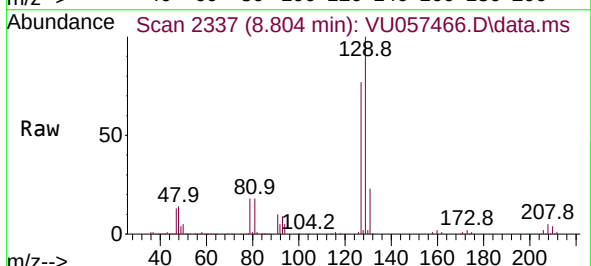
Ion	Ratio	Lower	Upper
43	100		
58	58.6	43.1	64.7
57	19.7	15.5	23.3
100	10.6	7.9	11.9

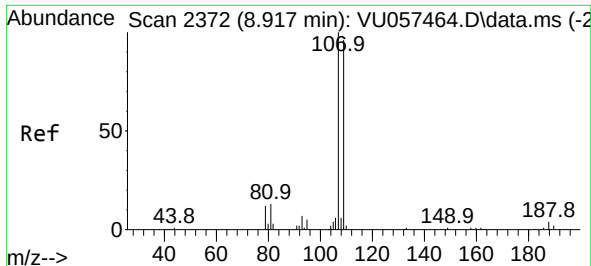


#49
Dibromochloromethane
Concen: 18.080 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.003 min
Lab File: VU057466.D
Acq: 11 Jan 2024 18:18

Tgt Ion:129 Resp: 372503

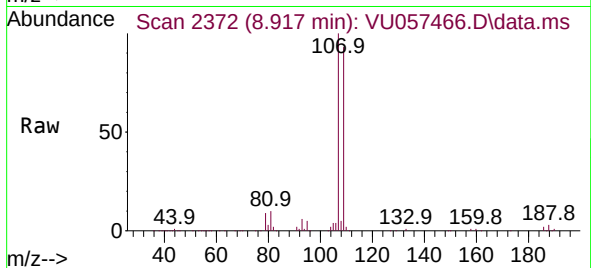
Ion	Ratio	Lower	Upper
129	100		
127	76.7	54.7	101.7



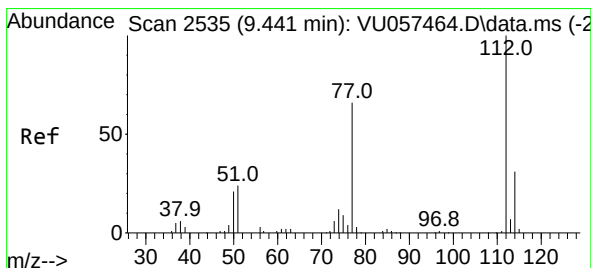
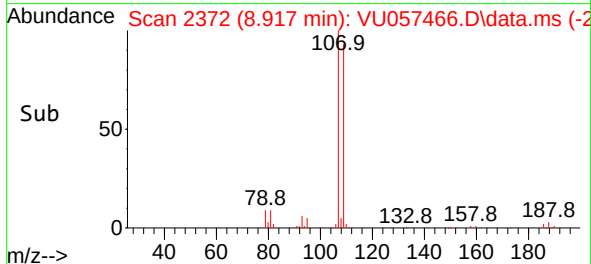
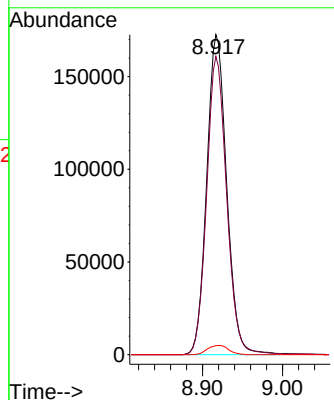


#50
1,2-Dibromoethane
Concen: 18.524 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. -0.000 min
Lab File: VU057466.D
Acq: 11 Jan 2024 18:18

Instrument :
MSVOA_U
ClientSampleId :

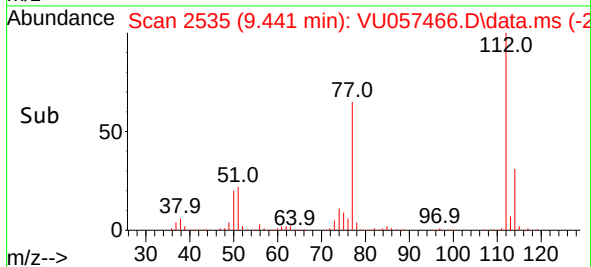
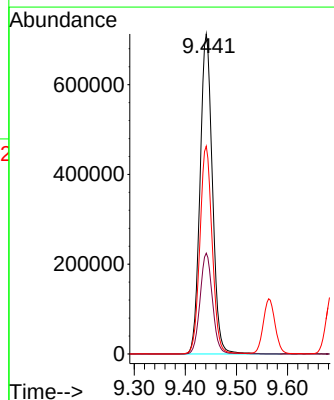
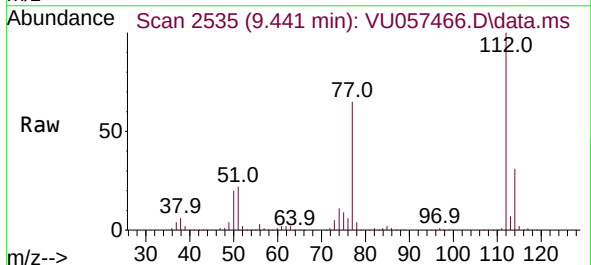


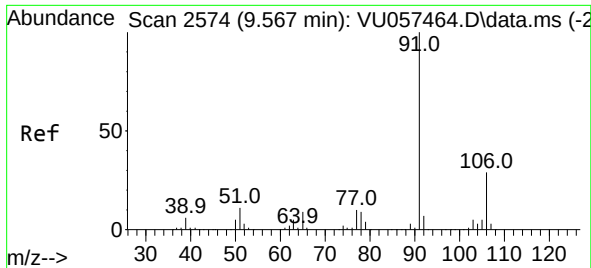
Tgt Ion:107 Resp: 300363
Ion Ratio Lower Upper
107 100
109 93.2 67.1 124.7
188 2.8 3.0 4.4#



#51
Chlorobenzene
Concen: 20.591 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU057466.D
Acq: 11 Jan 2024 18:18

Tgt Ion:112 Resp: 1195112
Ion Ratio Lower Upper
112 100
114 31.5 22.0 40.8
77 64.9 53.4 80.0

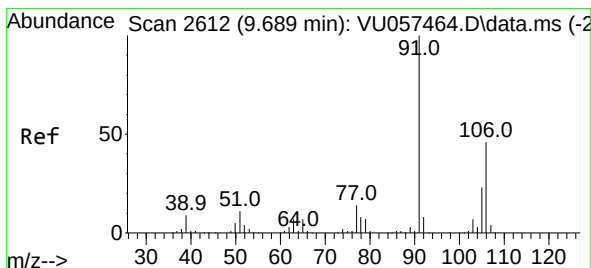
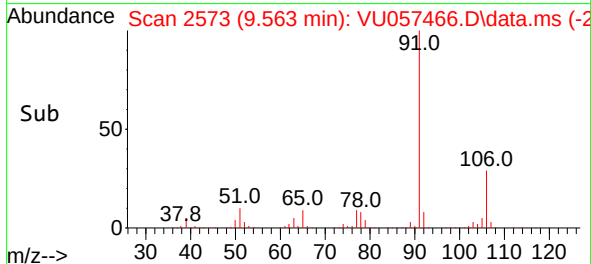
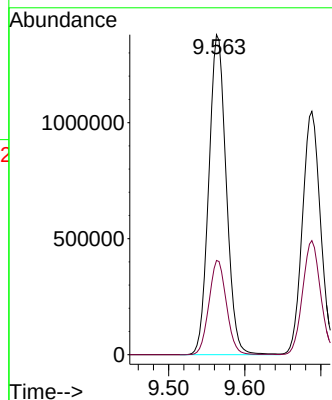
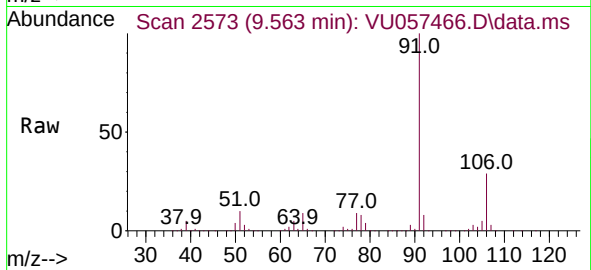




#52
Ethylbenzene
Concen: 22.962 ug/L
RT: 9.563 min Scan# 2197642
Delta R.T. -0.004 min
Lab File: VU057466.D
Acq: 11 Jan 2024 18:18

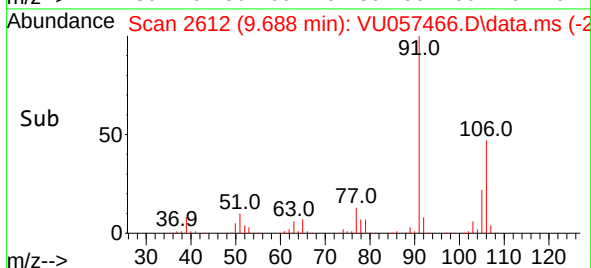
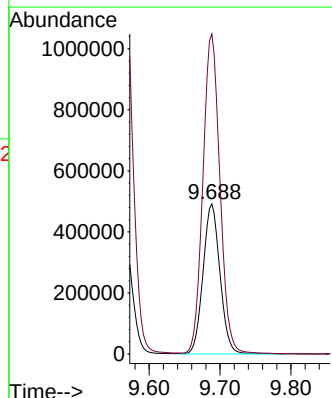
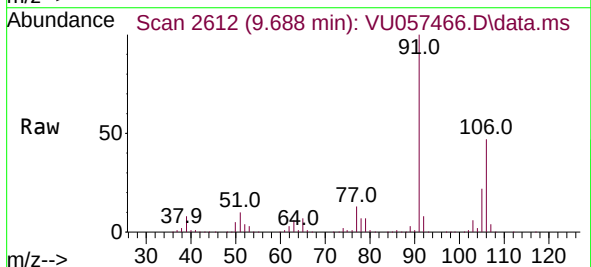
Instrument :
MSVOA_U
ClientSampleId :

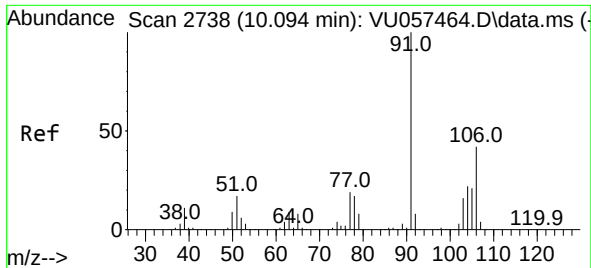
Tgt Ion: 91 Resp: 2197642
Ion Ratio Lower Upper
91 100
106 29.4 20.5 38.1



#53
m,p-Xylene
Concen: 22.538 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU057466.D
Acq: 11 Jan 2024 18:18

Tgt Ion:106 Resp: 816013
Ion Ratio Lower Upper
106 100
91 213.3 153.4 285.0

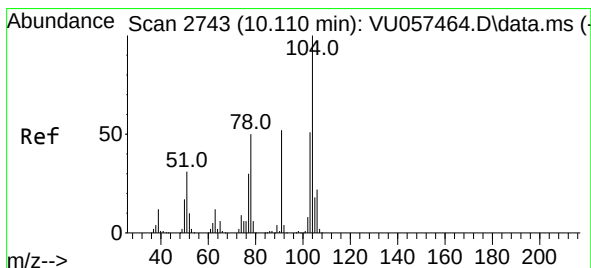
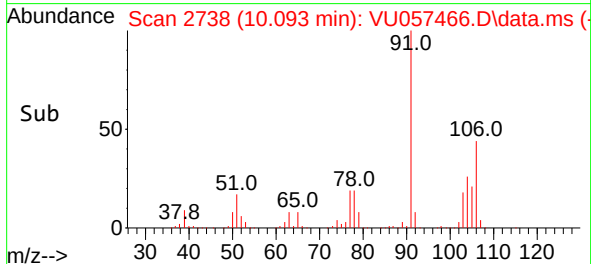
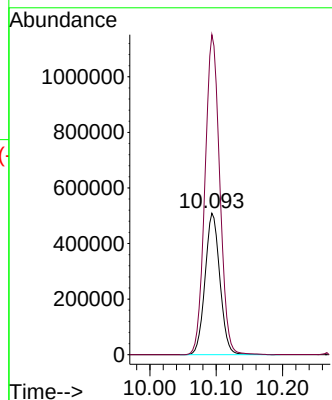
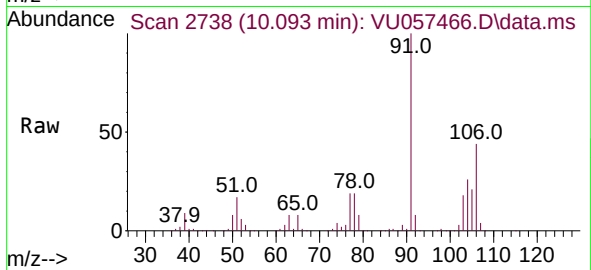




#54
o-Xylene
Concen: 23.134 ug/L
RT: 10.093 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU057466.D
Acq: 11 Jan 2024 18:18

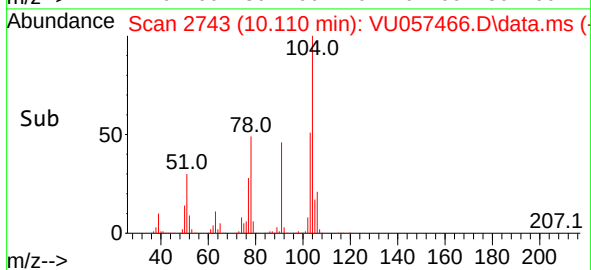
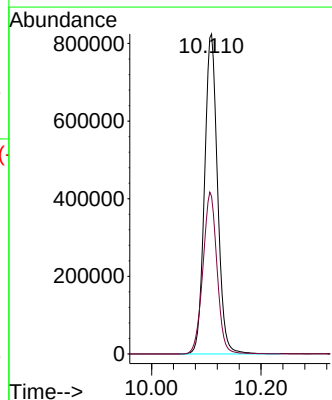
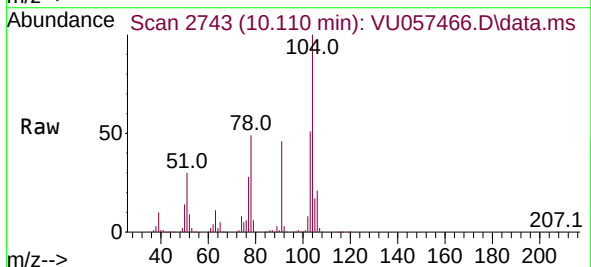
Instrument :
MSVOA_U
ClientSampleId :

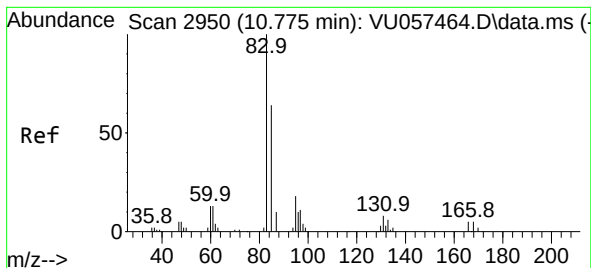
Tgt Ion:106 Resp: 790787
Ion Ratio Lower Upper
106 100
91 226.3 165.1 306.5



#55
Styrene
Concen: 23.791 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU057466.D
Acq: 11 Jan 2024 18:18

Tgt Ion:104 Resp: 1362023
Ion Ratio Lower Upper
104 100
78 49.2 35.1 65.3

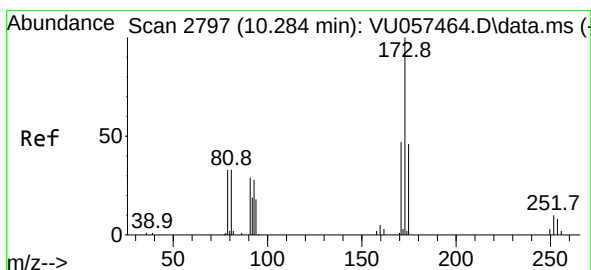
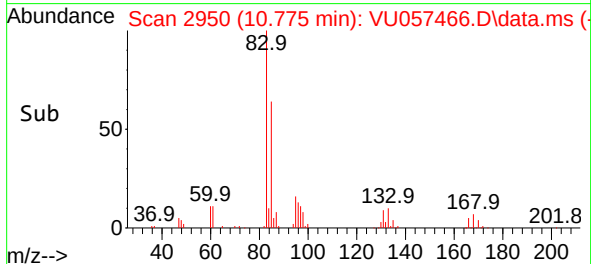
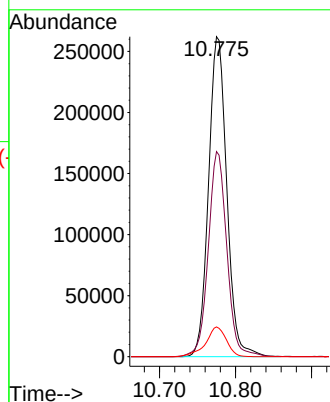
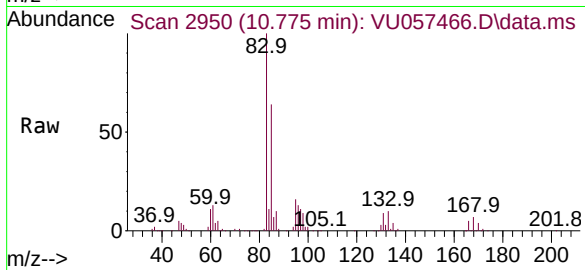




#57
1,1,2,2-Tetrachloroethane
Concen: 19.787 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU057466.D
Acq: 11 Jan 2024 18:18

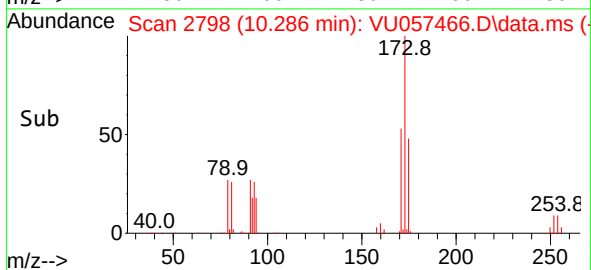
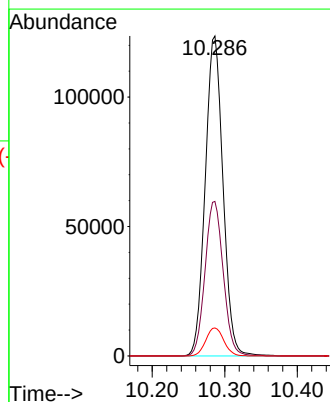
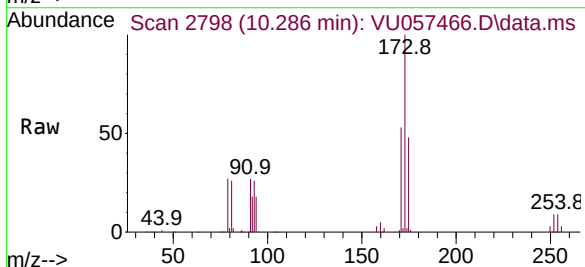
Instrument :
MSVOA_U
ClientSampleId :

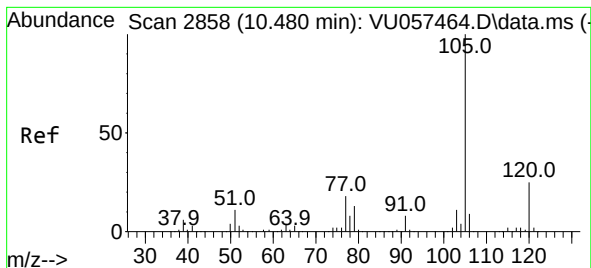
Tgt Ion: 83 Resp: 436338
Ion Ratio Lower Upper
83 100
85 64.1 45.1 83.9
131 9.3 6.7 10.1



#59
Bromoform
Concen: 18.311 ug/L
RT: 10.286 min Scan# 2798
Delta R.T. 0.003 min
Lab File: VU057466.D
Acq: 11 Jan 2024 18:18

Tgt Ion:173 Resp: 210562
Ion Ratio Lower Upper
173 100
175 49.5 38.3 57.5
254 8.9 6.6 9.8





#60

Isopropylbenzene

Concen: 23.517 ug/L

RT: 10.479 min Scan# 2157687

Delta R.T. -0.000 min MSVOA_U

Lab File: VU057466.D

Acq: 11 Jan 2024 18:18

Instrument :

MSVOA_U

ClientSampleId :

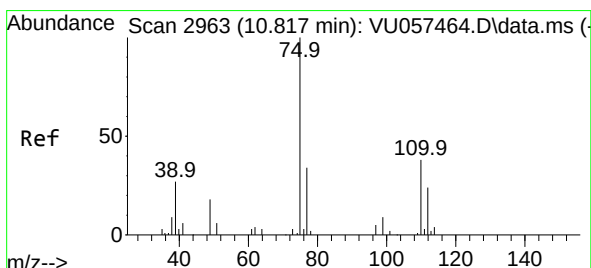
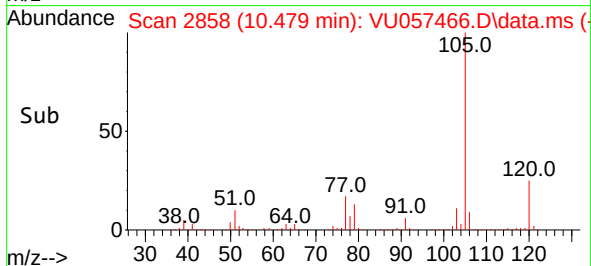
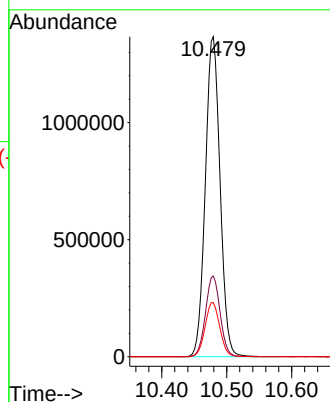
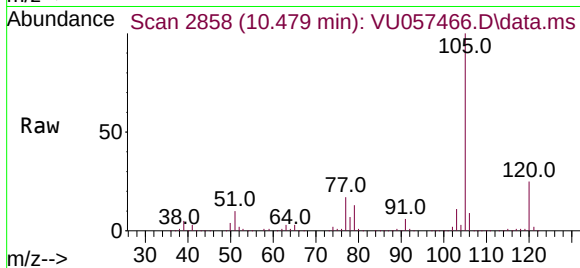
Tgt Ion:105 Resp: 2157687

Ion Ratio Lower Upper

105 100

120 25.0 19.4 29.2

77 16.9 14.4 21.6



#61

1,2,3-Trichloropropane

Concen: 19.382 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. -0.000 min

Lab File: VU057466.D

Acq: 11 Jan 2024 18:18

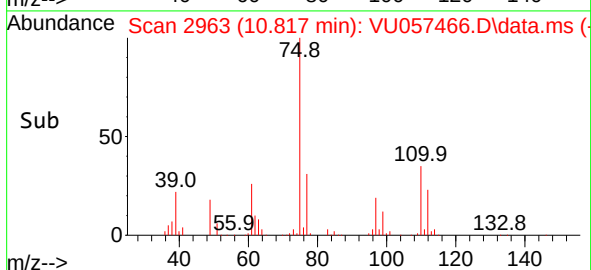
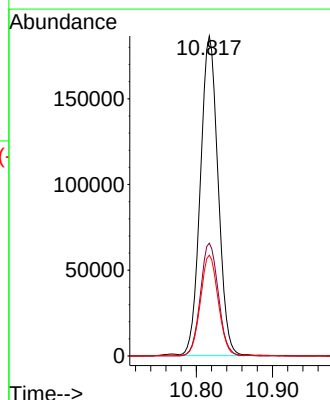
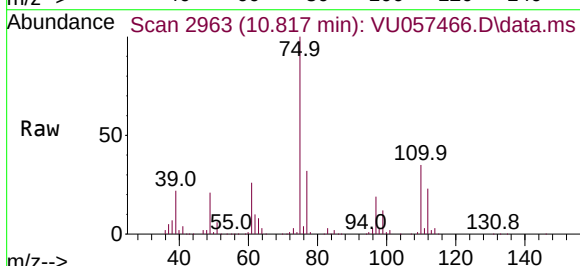
Tgt Ion: 75 Resp: 300955

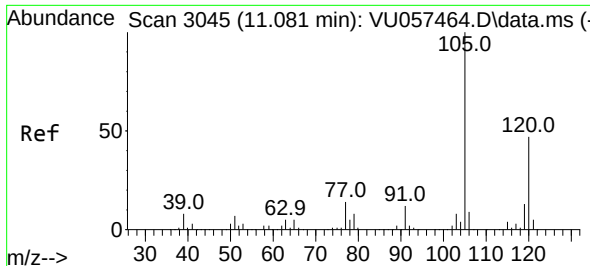
Ion Ratio Lower Upper

75 100

110 35.7 29.4 44.0

77 31.6 26.2 39.4





#62

1,3,5-Trimethylbenzene

Concen: 24.200 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU057466.D

Acq: 11 Jan 2024 18:18

Instrument :

MSVOA_U

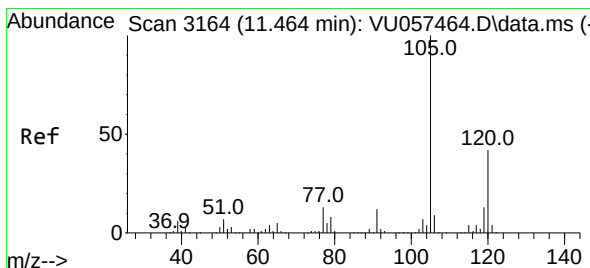
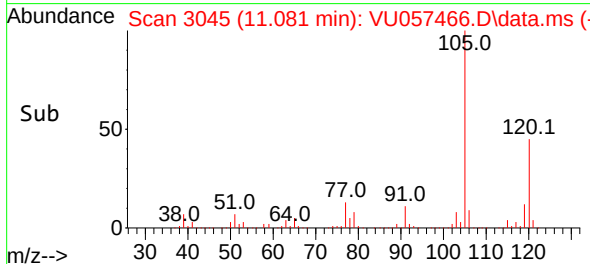
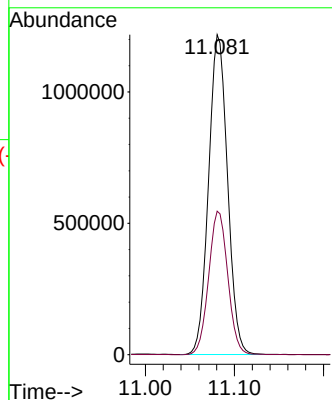
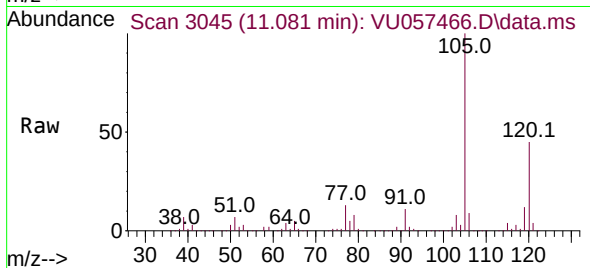
ClientSampleId :

Tgt Ion:105 Resp: 1797115

Ion Ratio Lower Upper

105 100

120 45.2 37.0 55.6



#63

1,2,4-Trimethylbenzene

Concen: 24.135 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.004 min

Lab File: VU057466.D

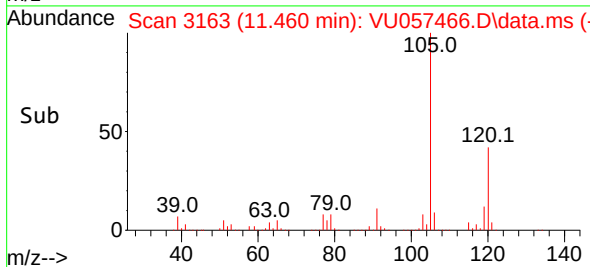
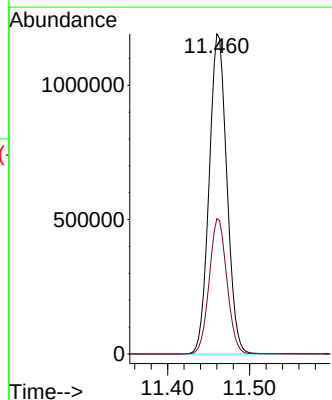
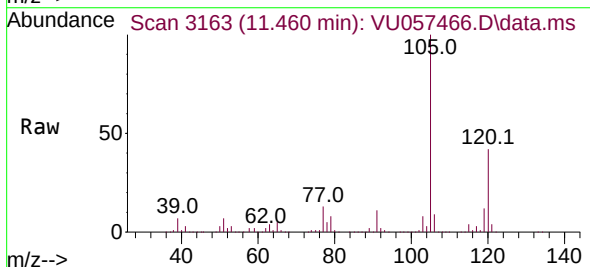
Acq: 11 Jan 2024 18:18

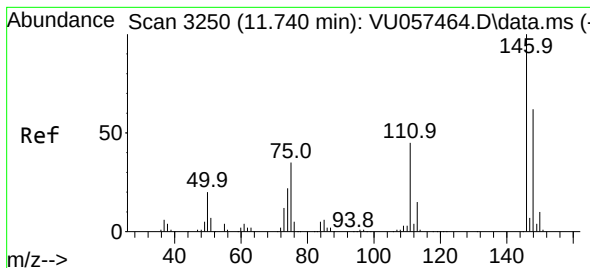
Tgt Ion:105 Resp: 1787980

Ion Ratio Lower Upper

105 100

120 42.3 33.8 50.8





#64

1,3-Dichlorobenzene

Concen: 20.827 ug/L

RT: 11.740 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU057466.D

Acq: 11 Jan 2024 18:18

Instrument :

MSVOA_U

ClientSampleId :

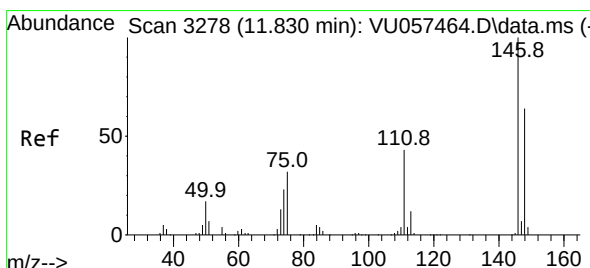
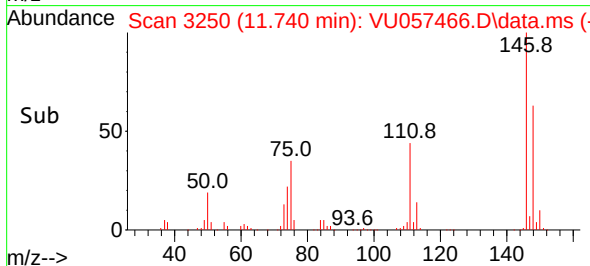
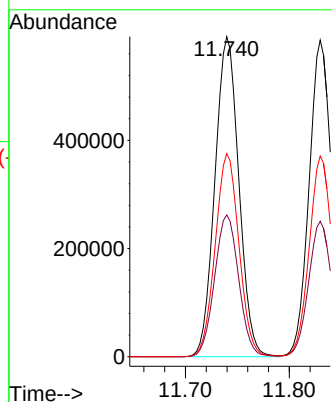
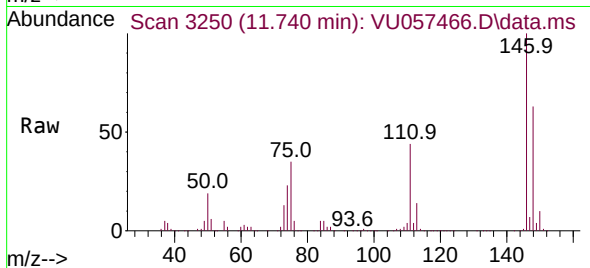
Tgt Ion:146 Resp: 946305

Ion Ratio Lower Upper

146 100

111 44.3 31.1 57.9

148 63.4 43.2 80.2



#65

1,4-Dichlorobenzene

Concen: 19.782 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.000 min

Lab File: VU057466.D

Acq: 11 Jan 2024 18:18

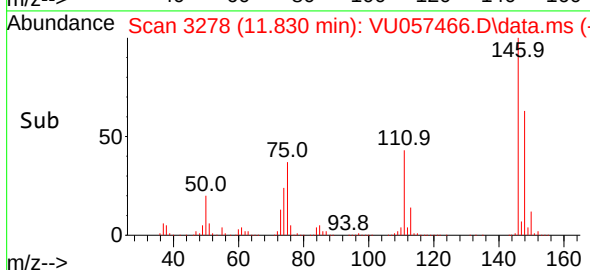
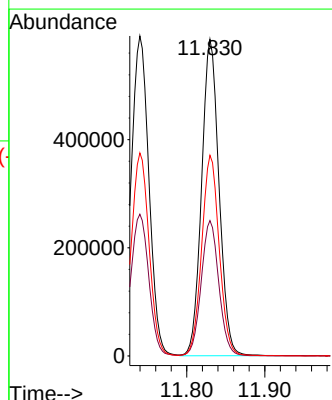
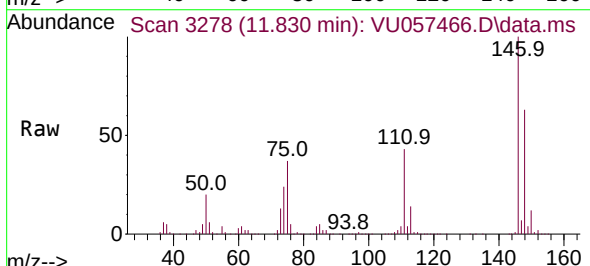
Tgt Ion:146 Resp: 907702

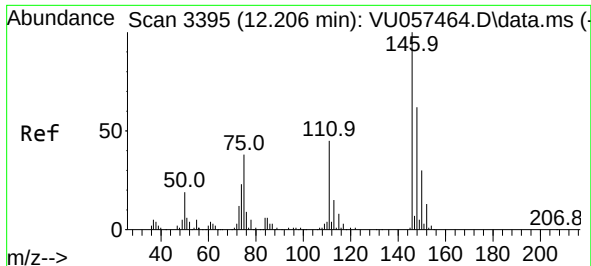
Ion Ratio Lower Upper

146 100

111 42.7 30.3 56.3

148 63.4 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 19.976 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU057466.D

Acq: 11 Jan 2024 18:18

Instrument :

MSVOA_U

ClientSampleId :

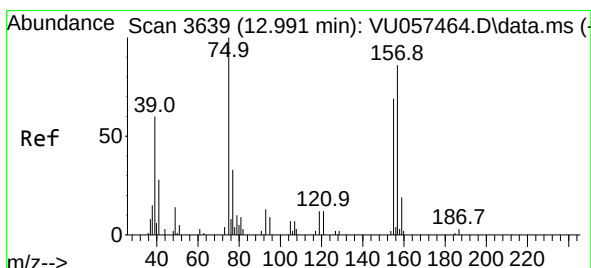
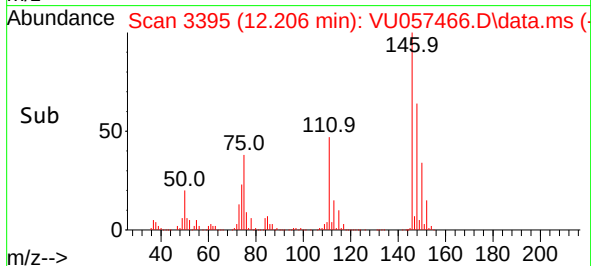
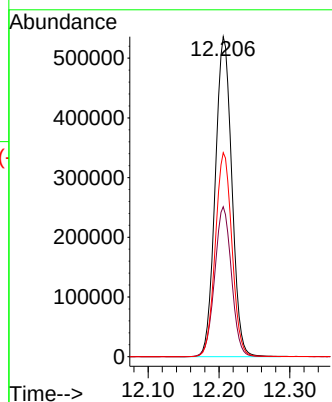
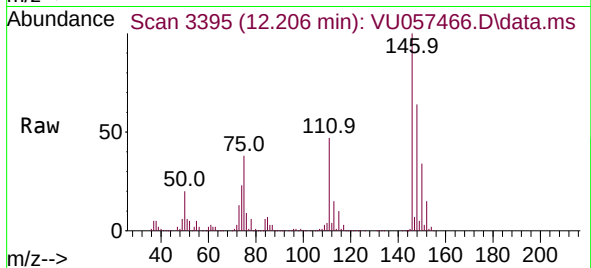
Tgt Ion:146 Resp: 869694

Ion Ratio Lower Upper

146 100

111 46.8 36.2 54.4

148 63.8 49.9 74.9



#68

1,2-Dibromo-3-chloropropane

Concen: 17.688 ug/L

RT: 12.990 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU057466.D

Acq: 11 Jan 2024 18:18

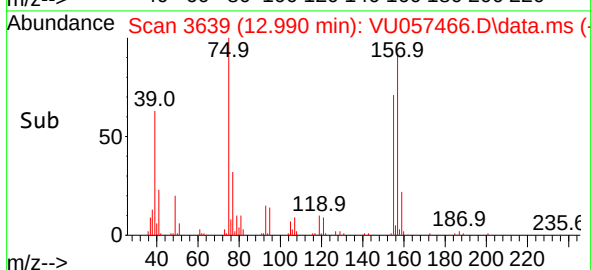
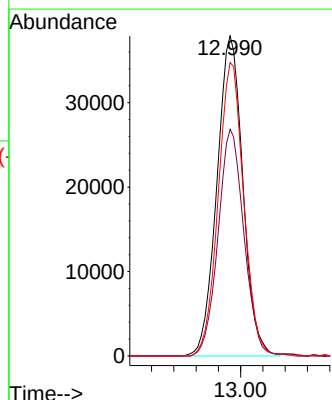
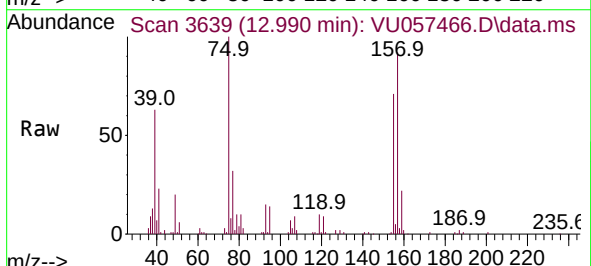
Tgt Ion: 75 Resp: 61223

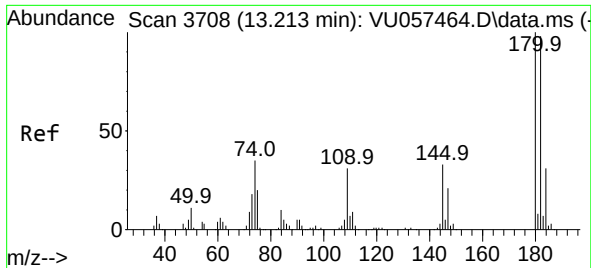
Ion Ratio Lower Upper

75 100

155 70.9 55.4 83.0

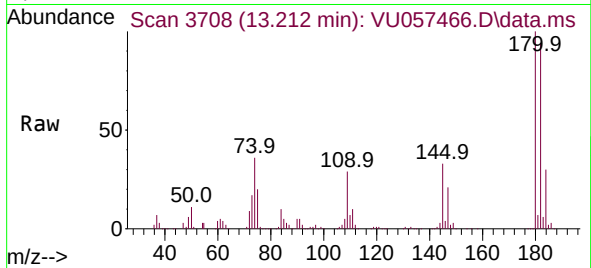
157 91.7 68.6 102.8



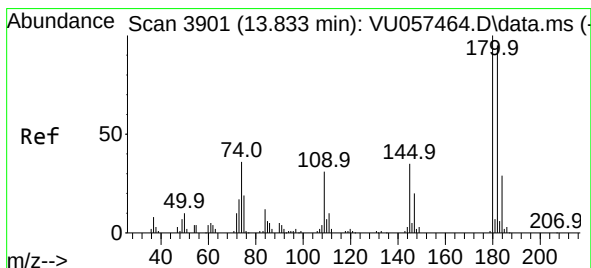
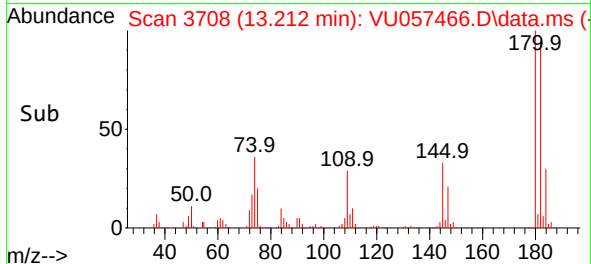
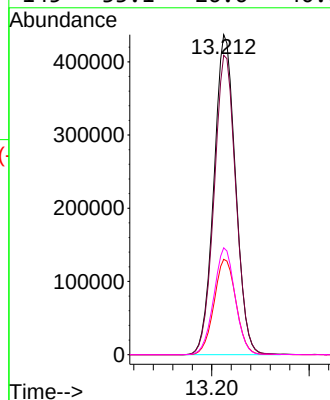


#69
 1,3,5-Trichlorobenzene
 Concen: 20.770 ug/L
 RT: 13.212 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU057466.D
 Acq: 11 Jan 2024 18:18

Instrument :
 MSVOA_U
 ClientSampleId :

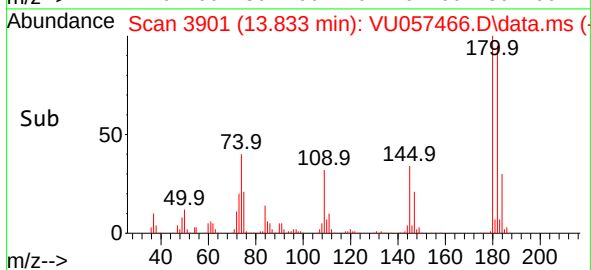
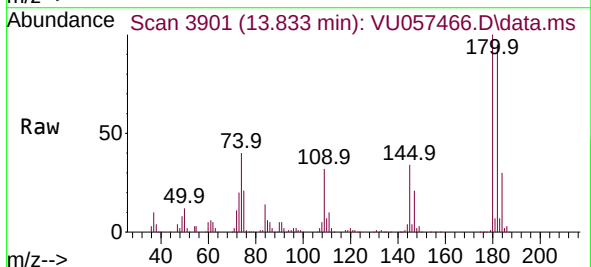
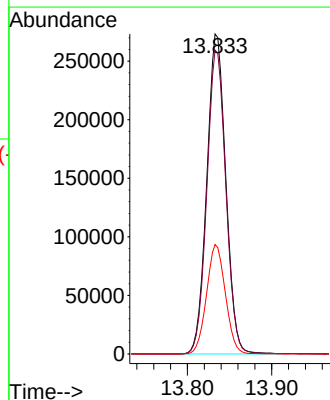


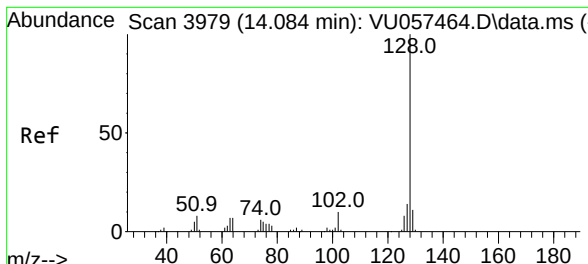
Tgt Ion:180 Resp: 671464
 Ion Ratio Lower Upper
 180 100
 182 94.6 76.6 115.0
 184 30.3 24.6 37.0
 145 33.1 26.6 40.0



#70
 1,2,4-trichlorobenzene
 Concen: 17.172 ug/L
 RT: 13.833 min Scan# 3901
 Delta R.T. -0.000 min
 Lab File: VU057466.D
 Acq: 11 Jan 2024 18:18

Tgt Ion:180 Resp: 429751
 Ion Ratio Lower Upper
 180 100
 182 94.6 77.1 115.7
 145 33.9 27.6 41.4



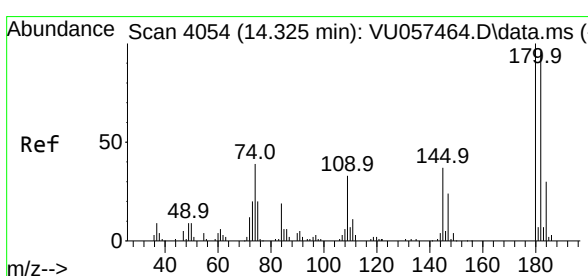
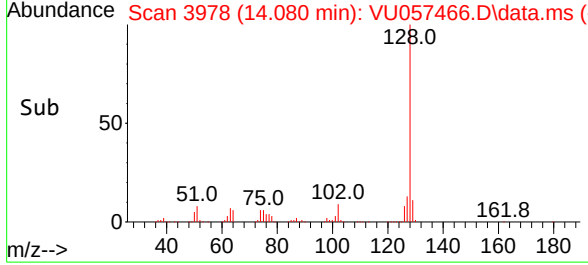
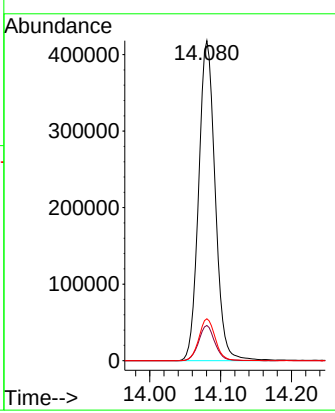
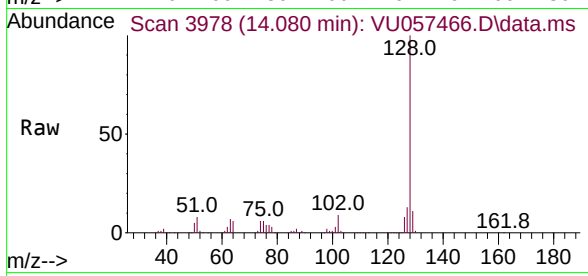


#71
 Naphthalene
 Concen: 17.991 ug/L
 RT: 14.080 min Scan# 3979
 Delta R.T. -0.004 min
 Lab File: VU057466.D
 Acq: 11 Jan 2024 18:18

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:128 Resp: 677535

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.5	12.7
127	13.0	10.5	15.7



#72
 1,2,3-Trichlorobenzene
 Concen: 16.840 ug/L
 RT: 14.322 min Scan# 4053
 Delta R.T. -0.004 min
 Lab File: VU057466.D
 Acq: 11 Jan 2024 18:18

Tgt Ion:180 Resp: 355522

Ion	Ratio	Lower	Upper
180	100		
182	96.0	77.0	115.6
145	35.5	30.0	45.0

