

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010824\
 Data File : VU057379.D
 Acq On : 08 Jan 2024 12:46
 Operator : MD/SY
 Sample : VSTD100
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 09 00:21:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010824WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 09 00:19:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	261637	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	258278	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	142127	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	182542	101.369	ug/L	0.00
7) Chloroethane-d5	1.914	69	140705	100.969	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	63	377515	98.908	ug/L	0.00
21) 2-Butanone-d5	4.634	46	192486	220.596	ug/L	0.00
24) Chloroform-d	5.055	84	427642	100.424	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	282877	100.555	ug/L	0.00
32) Benzene-d6	5.721	84	724791	104.542	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	200656	102.543	ug/L	0.00
41) Toluene-d8	7.891	98	695296	107.018	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	126214	108.062	ug/L	0.00
47) 2-Hexanone-d5	8.637	63	152888	239.005	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	300233	102.671	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	273494	98.386	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	293507	98.333	ug/L	100
3) Chloromethane	1.518	50	176531	94.253	ug/L	99
5) Vinyl chloride	1.605	62	197481	98.491	ug/L	100
6) Bromomethane	1.859	94	132826	100.087	ug/L	99
8) Chloroethane	1.936	64	115408	98.402	ug/L	93
9) Trichlorofluoromethane	2.136	101	406753	97.226	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	196563	97.833	ug/L	99
12) 1,1-Dichloroethene	2.573	96	172160	97.111	ug/L	94
13) Acetone	2.647	43	216915	201.604	ug/L	97
14) Carbon disulfide	2.788	76	538250	98.025	ug/L	100
15) Methyl Acetate	2.949	43	138505	99.916	ug/L	99
16) Methylene chloride	3.039	84	189763	94.144	ug/L	100
17) trans-1,2-Dichloroethene	3.348	96	183128	100.972	ug/L	100
18) Methyl tert-butyl Ether	3.354	73	606287	104.437	ug/L	99
19) 1,1-Dichloroethane	3.859	63	329400	98.105	ug/L	98
20) cis-1,2-Dichloroethene	4.660	96	201038	103.624	ug/L	99
22) 2-Butanone	4.711	43	225051	214.946	ug/L	99
23) Bromochloromethane	4.965	128	106623	95.741	ug/L	97
25) Chloroform	5.081	83	402141	98.688	ug/L	100
27) 1,2-Dichloroethane	5.785	62	342416	99.758	ug/L	100
29) Cyclohexane	5.383	56	266350	109.000	ug/L	99
30) 1,1,1-Trichloroethane	5.309	97	399099	100.433	ug/L	99
31) Carbon tetrachloride	5.518	117	356166	101.054	ug/L	99
33) Benzene	5.769	78	739255	101.849	ug/L	100
34) Trichloroethene	6.534	95	215285	101.592	ug/L	97
35) Methylcyclohexane	6.756	83	315056	109.276	ug/L	99
37) 1,2-Dichloropropane	6.782	63	177158	98.908	ug/L	99
38) Bromodichloromethane	7.097	83	304820	100.460	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	335321	106.911	ug/L	100
40) 4-Methyl-2-pentanone	7.795	43	406674	222.834	ug/L	99
42) Toluene	7.962	91	819455	104.992	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	335158	106.439	ug/L	99

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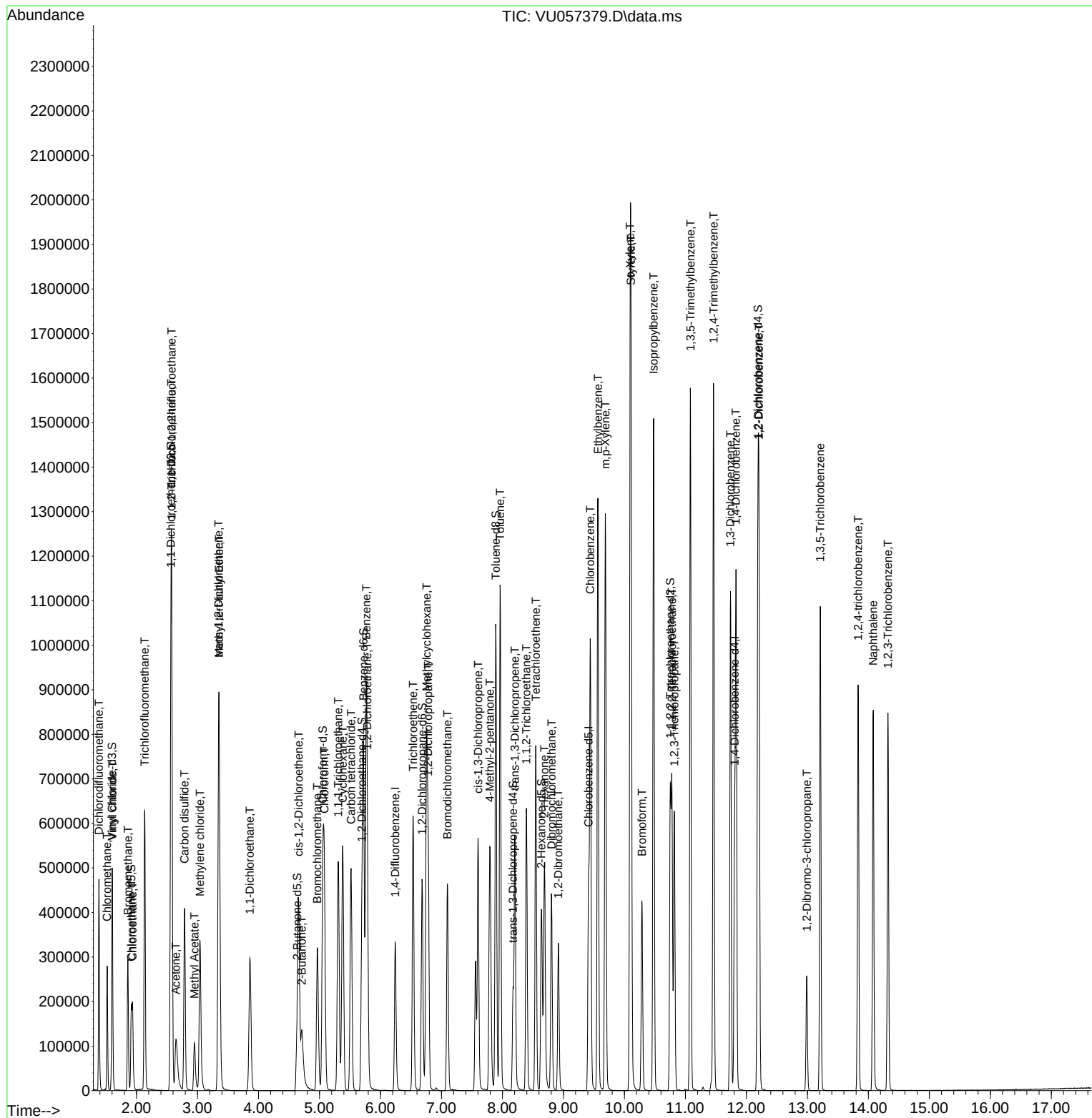
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.393	97	197610	100.269	ug/L	99
46) Tetrachloroethene	8.547	164	163240	101.834	ug/L	98
48) 2-Hexanone	8.688	43	333063	222.579	ug/L	99
49) Dibromochloromethane	8.804	129	236891	98.632	ug/L	99
50) 1,2-Dibromoethane	8.917	107	217691	104.133	ug/L	99
51) Chlorobenzene	9.441	112	534829	101.983	ug/L	100
52) Ethylbenzene	9.566	91	950772	109.394	ug/L	100
53) m,p-Xylene	9.688	106	352490	108.495	ug/L	99
54) o-Xylene	10.094	106	343912	108.392	ug/L	98
55) Styrene	10.110	104	614541	114.379	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	304427	102.442	ug/L	97
59) Bromoform	10.286	173	194958	94.603	ug/L	100
60) 1,2,3-Trichloropropane	10.817	75	253844	94.292	ug/L	99
61) Isopropylbenzene	10.479	105	973452	104.585	ug/L	100
62) 1,3,5-Trimethylbenzene	11.084	105	854505	107.349	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	855401	109.468	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	442568	100.893	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	443015	98.387	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	434897	98.364	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	70729	98.393	ug/L	94
69) 1,3,5-Trichlorobenzene	13.212	180	318103	101.308	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	260003	108.761	ug/L	97
71) Naphthalene	14.081	128	664248	118.916	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	245707	108.683	ug/L	99

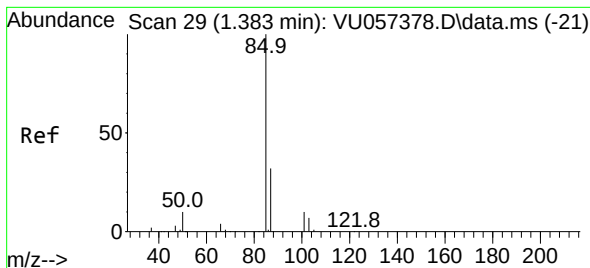
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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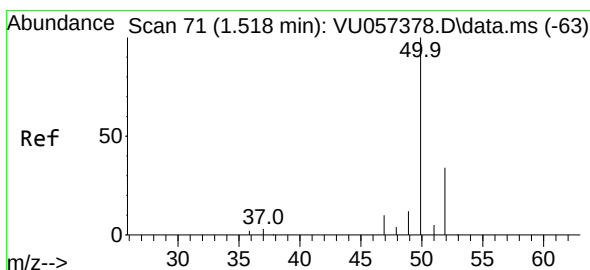
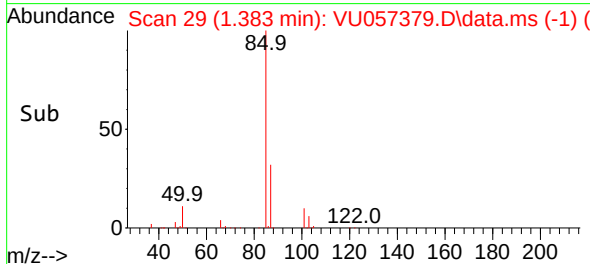
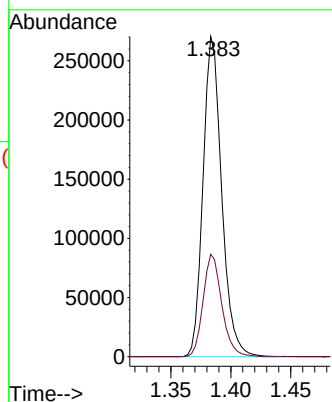
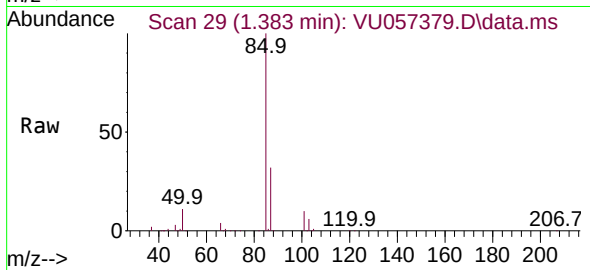




#2
Dichlorodifluoromethane
Concen: 98.333 ug/L
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU057379.D
Acq: 08 Jan 2024 12:46

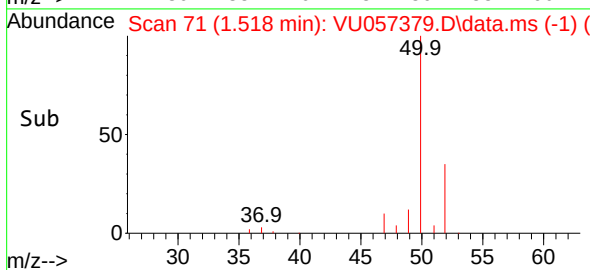
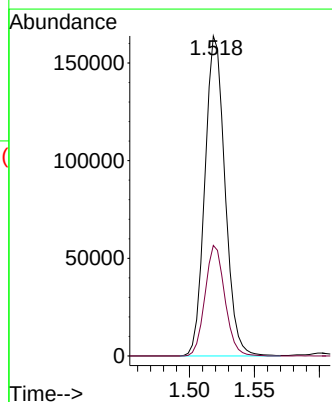
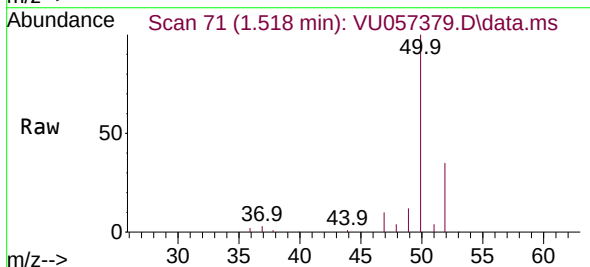
Instrument :
MSVOA_U
ClientSampleId :

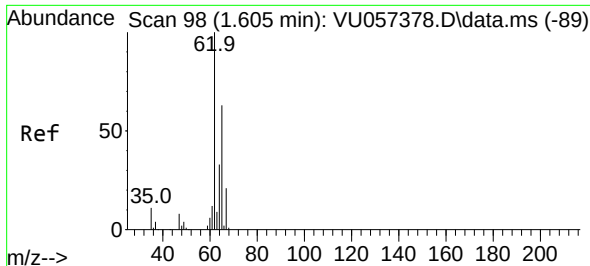
Tgt Ion: 85 Resp: 293507
Ion Ratio Lower Upper
85 100
87 31.9 25.8 38.6



#3
Chloromethane
Concen: 94.253 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU057379.D
Acq: 08 Jan 2024 12:46

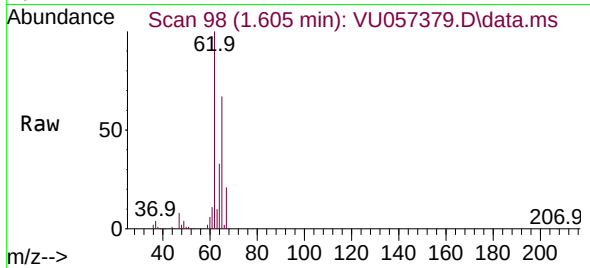
Tgt Ion: 50 Resp: 176531
Ion Ratio Lower Upper
50 100
52 34.6 23.7 43.9



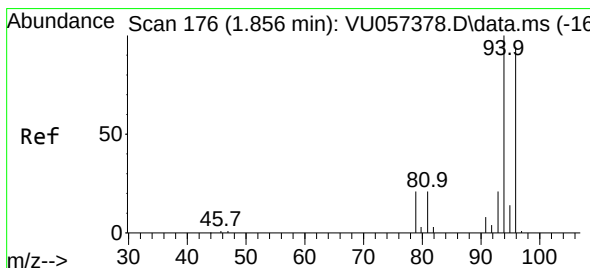
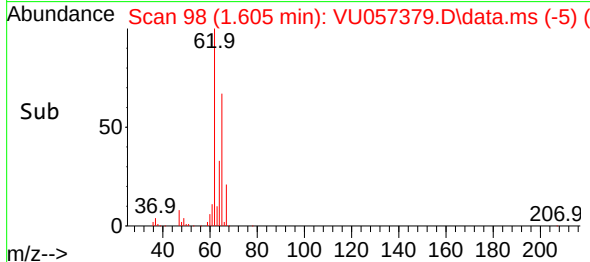
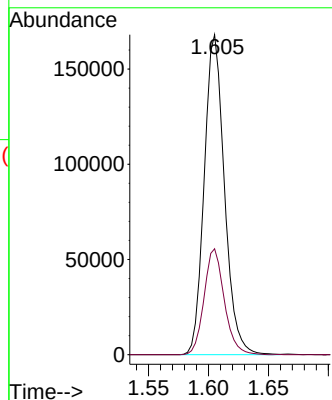


#5
 Vinyl chloride
 Concen: 98.491 ug/L
 RT: 1.605 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU057379.D
 Acq: 08 Jan 2024 12:46

Instrument :
 MSVOA_U
 ClientSampleId :

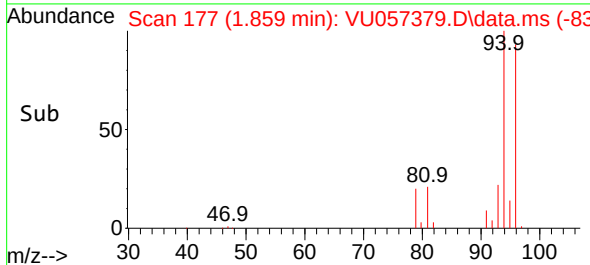
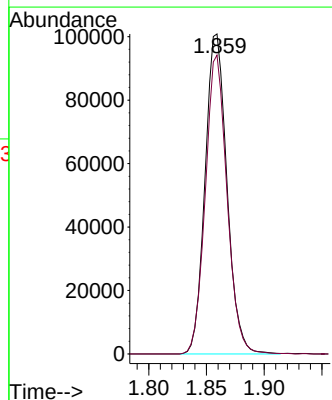
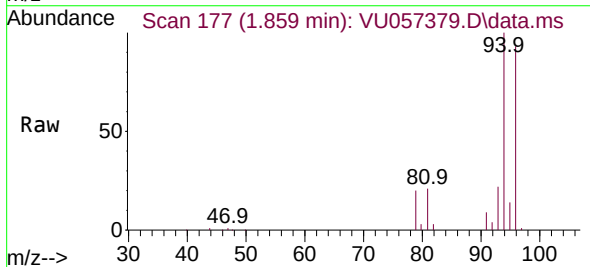


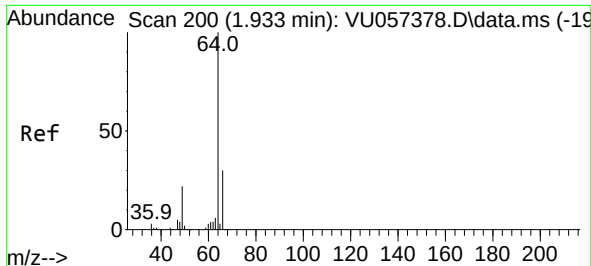
Tgt Ion: 62 Resp: 197481
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.3 43.3



#6
 Bromomethane
 Concen: 100.087 ug/L
 RT: 1.859 min Scan# 177
 Delta R.T. 0.003 min
 Lab File: VU057379.D
 Acq: 08 Jan 2024 12:46

Tgt Ion: 94 Resp: 132826
 Ion Ratio Lower Upper
 94 100
 96 93.4 65.9 122.5

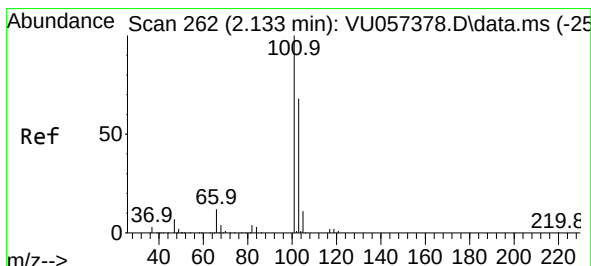
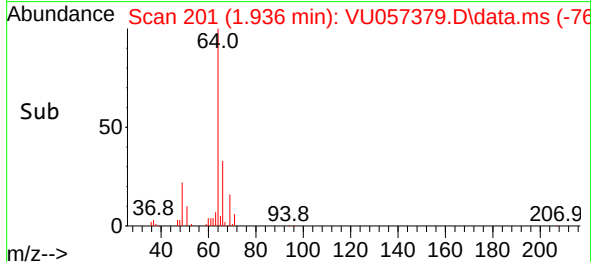
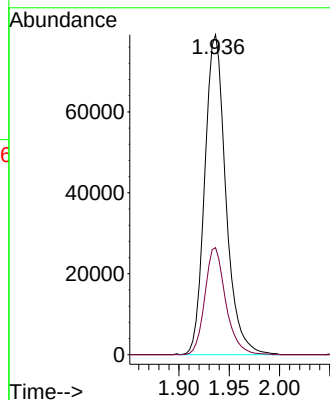
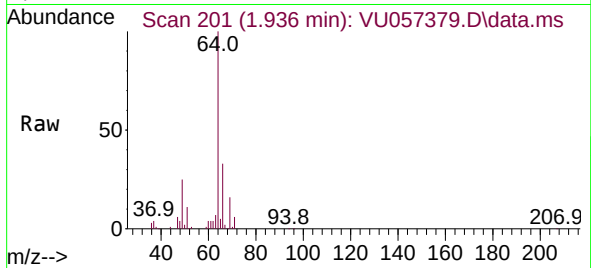




#8
Chloroethane
Concen: 98.402 ug/L
RT: 1.936 min Scan# 200
Delta R.T. 0.003 min
Lab File: VU057379.D
Acq: 08 Jan 2024 12:46

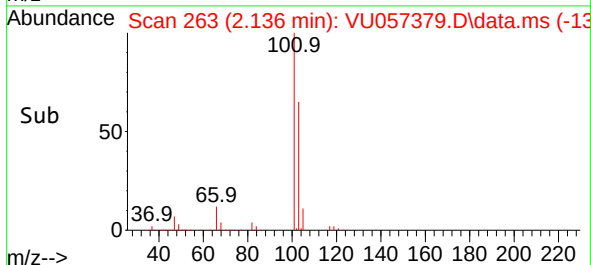
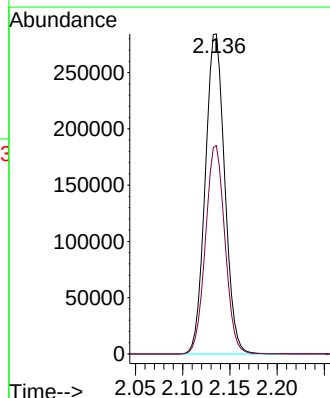
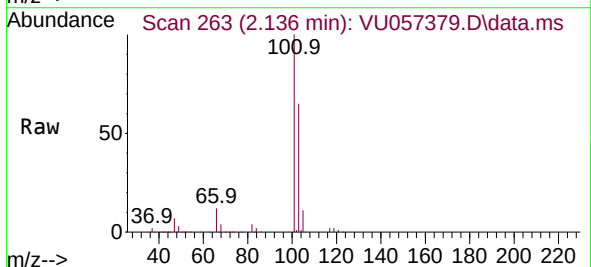
Instrument :
MSVOA_U
ClientSampleId :

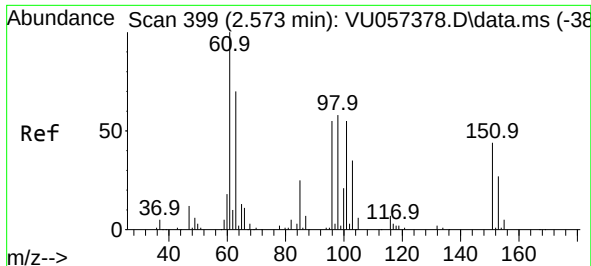
Tgt Ion: 64 Resp: 115408
Ion Ratio Lower Upper
64 100
66 33.5 20.9 38.9



#9
Trichlorofluoromethane
Concen: 97.226 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.003 min
Lab File: VU057379.D
Acq: 08 Jan 2024 12:46

Tgt Ion:101 Resp: 406753
Ion Ratio Lower Upper
101 100
103 65.2 53.4 80.0

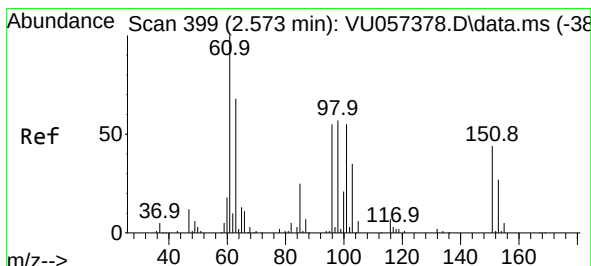
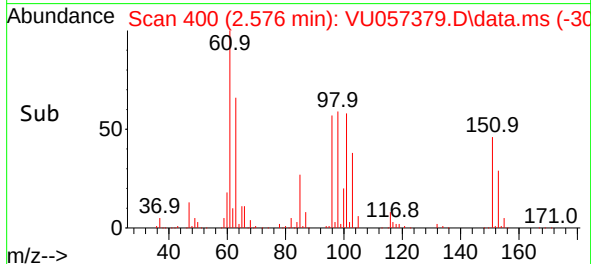
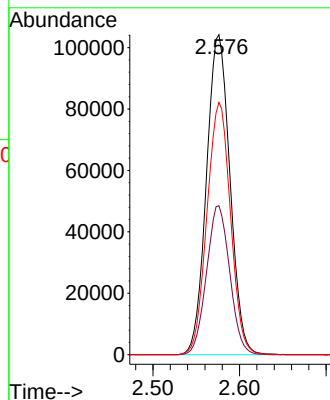
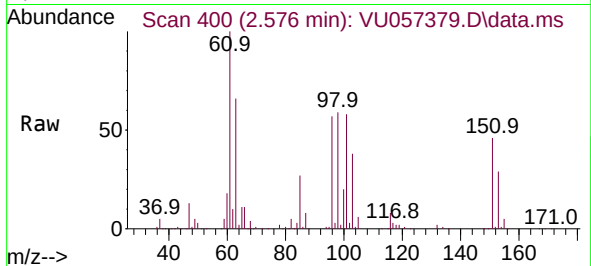




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 97.833 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.003 min
 Lab File: VU057379.D
 Acq: 08 Jan 2024 12:46

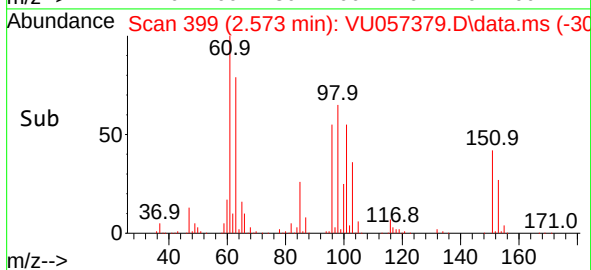
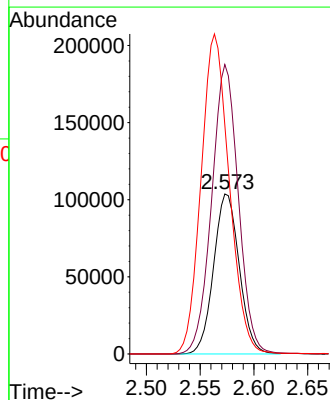
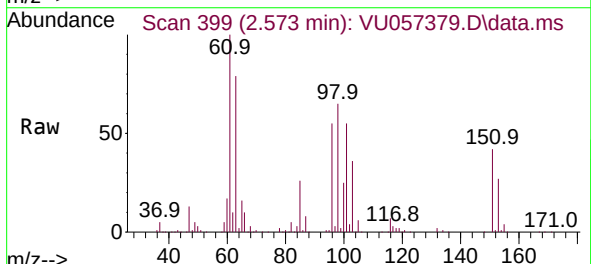
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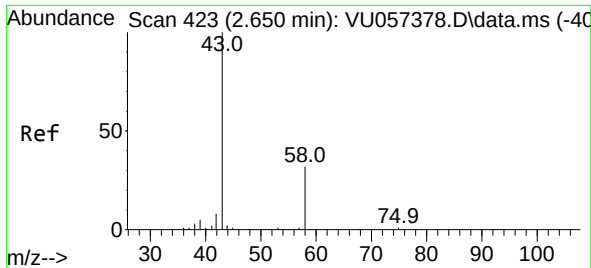
Tgt Ion:101 Resp: 196563
 Ion Ratio Lower Upper
 101 100
 85 45.9 37.0 55.4
 151 78.9 63.7 95.5



#12
 1,1-Dichloroethene
 Concen: 97.111 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU057379.D
 Acq: 08 Jan 2024 12:46

Tgt Ion: 96 Resp: 172160
 Ion Ratio Lower Upper
 96 100
 61 180.9 128.3 238.3
 63 143.0 90.4 168.0





#13

Acetone

Concen: 201.604 ug/L

RT: 2.647 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU057379.D

Acq: 08 Jan 2024 12:46

Instrument :

MSVOA_U

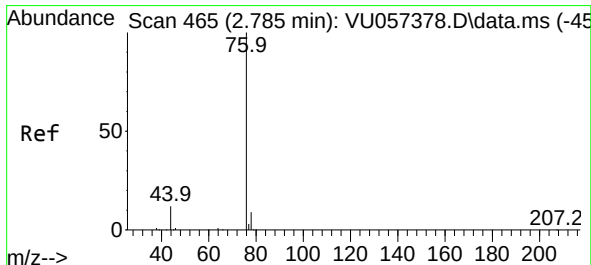
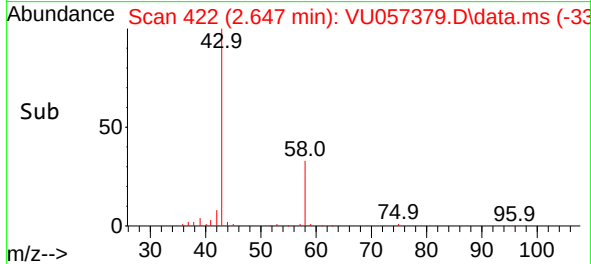
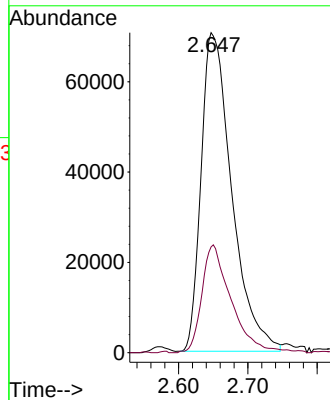
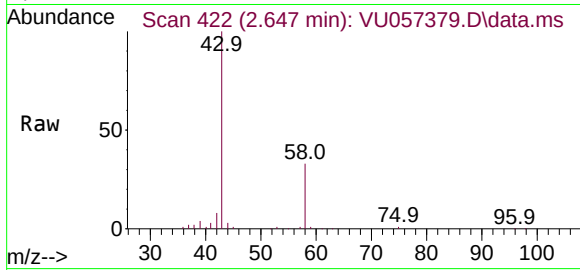
ClientSampleId :

Tgt Ion: 43 Resp: 216915

Ion Ratio Lower Upper

43 100

58 31.0 0.0 65.2



#14

Carbon disulfide

Concen: 98.025 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.003 min

Lab File: VU057379.D

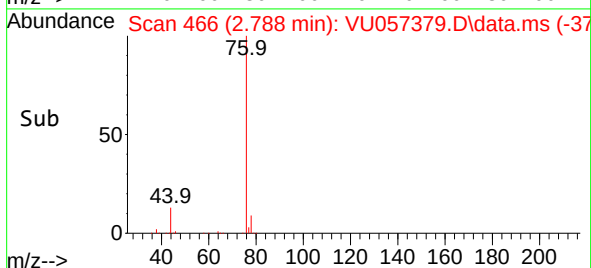
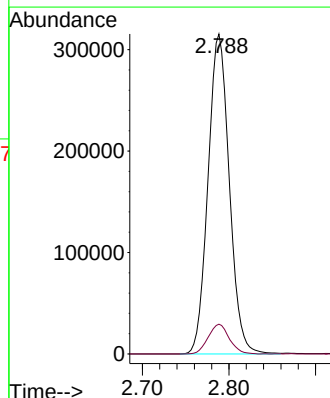
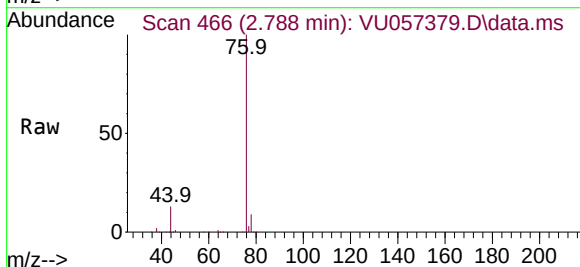
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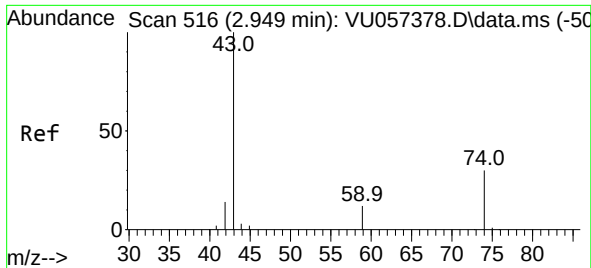
Tgt Ion: 76 Resp: 538250

Ion Ratio Lower Upper

76 100

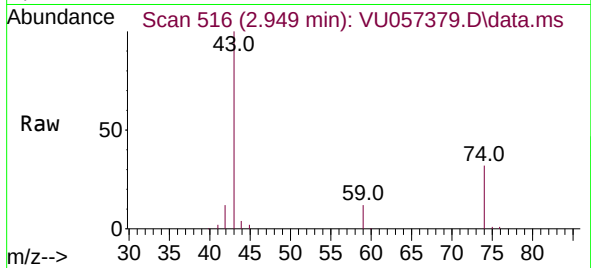
78 9.3 7.5 11.3



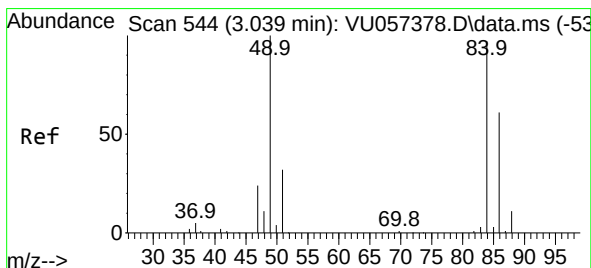
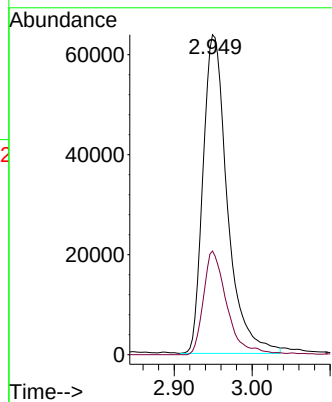
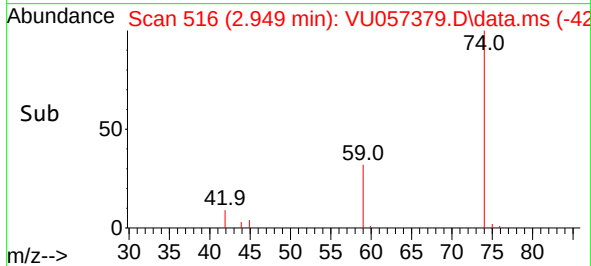


#15
Methyl Acetate
Concen: 99.916 ug/L
RT: 2.949 min Scan# 516
Delta R.T. -0.000 min
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ClientSampleId :

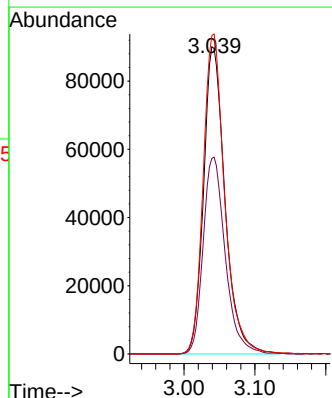
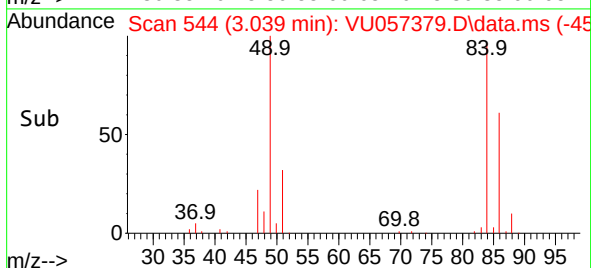
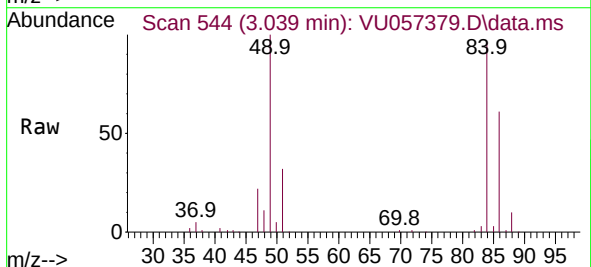


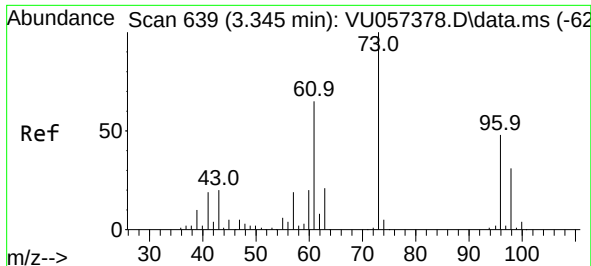
Tgt Ion: 43 Resp: 138505
Ion Ratio Lower Upper
43 100
74 30.2 24.6 36.8



#16
Methylene chloride
Concen: 94.144 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU057379.D
Acq: 08 Jan 2024 12:46

Tgt Ion: 84 Resp: 189763
Ion Ratio Lower Upper
84 100
86 63.7 44.3 82.3
49 103.6 72.2 134.2





#17

trans-1,2-Dichloroethene

Concen: 100.972 ug/L

RT: 3.348 min Scan# 640

Delta R.T. 0.003 min

Lab File: VU057379.D

Acq: 08 Jan 2024 12:46

Instrument :

MSVOA_U

ClientSampleId :

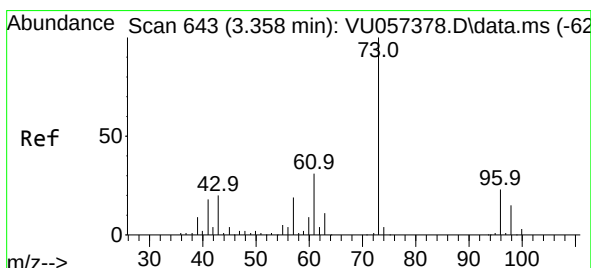
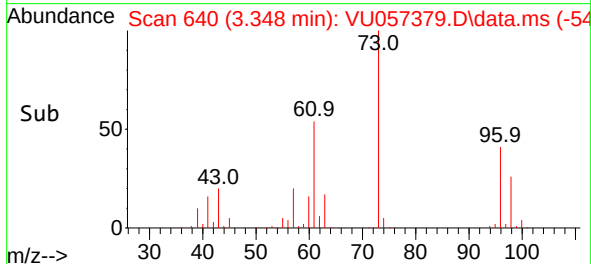
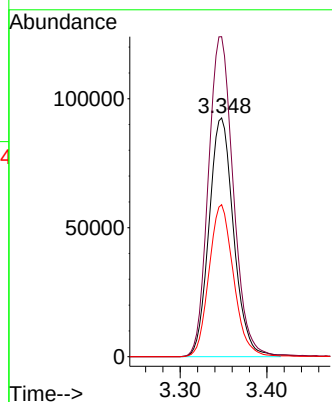
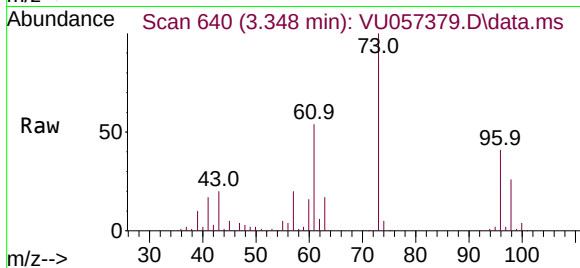
Tgt Ion: 96 Resp: 183128

Ion Ratio Lower Upper

96 100

61 134.1 93.9 174.5

98 63.7 44.8 83.2



#18

Methyl tert-butyl Ether

Concen: 104.437 ug/L

RT: 3.354 min Scan# 642

Delta R.T. -0.003 min

Lab File: VU057379.D

Acq: 08 Jan 2024 12:46

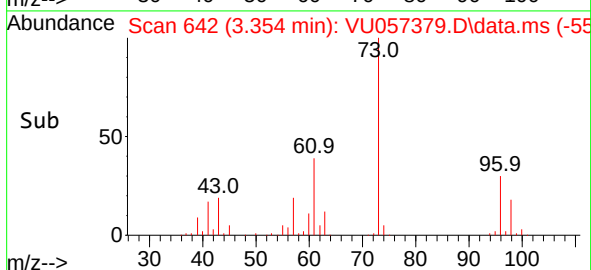
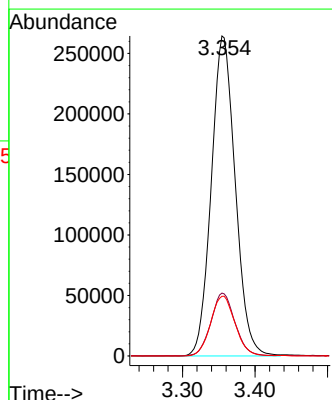
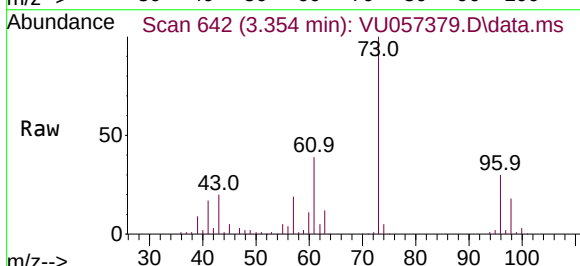
Tgt Ion: 73 Resp: 606287

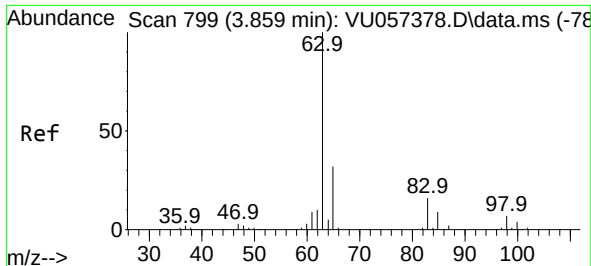
Ion Ratio Lower Upper

73 100

43 19.6 16.3 24.5

57 19.1 15.0 22.6





#19

1,1-Dichloroethane

Concen: 98.105 ug/L

RT: 3.859 min Scan# 799

Delta R.T. -0.000 min

Lab File: VU057379.D

Acq: 08 Jan 2024 12:46

Instrument :

MSVOA_U

ClientSampleId :

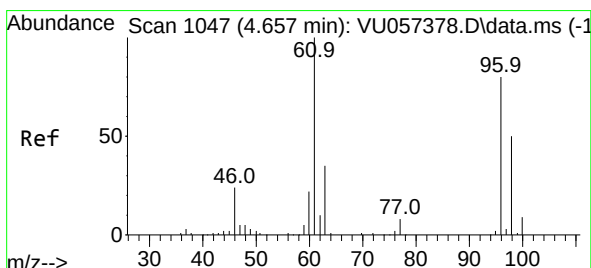
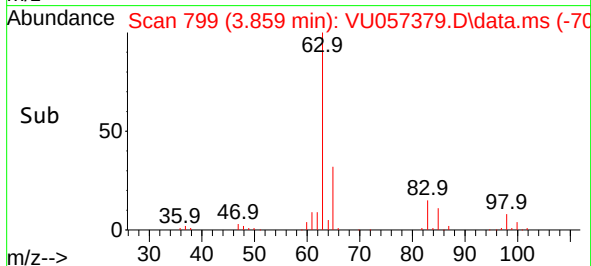
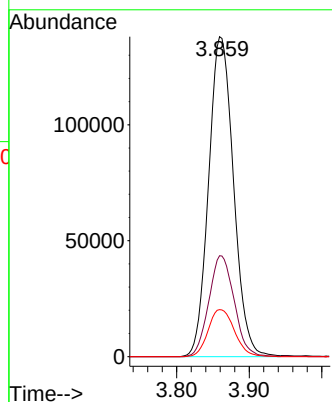
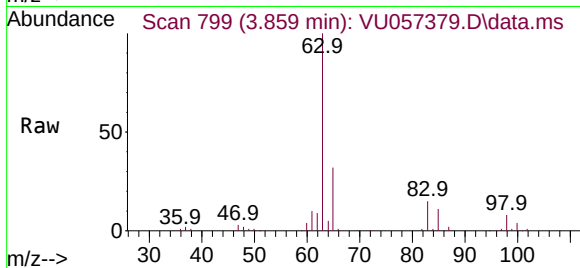
Tgt Ion: 63 Resp: 329400

Ion Ratio Lower Upper

63 100

65 31.5 22.4 41.6

83 14.7 11.3 21.1



#20

cis-1,2-Dichloroethene

Concen: 103.624 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.003 min

Lab File: VU057379.D

Acq: 08 Jan 2024 12:46

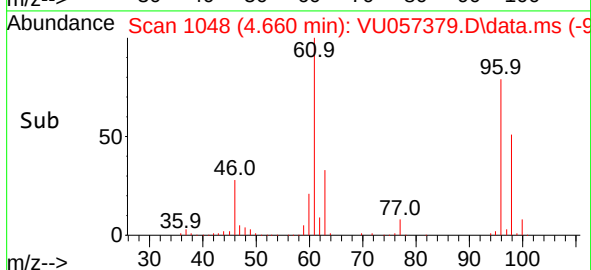
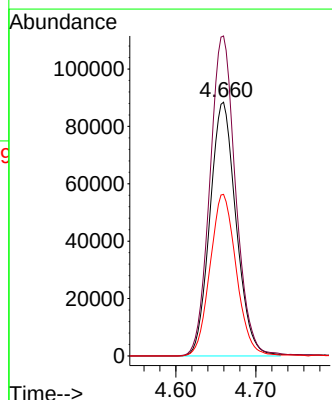
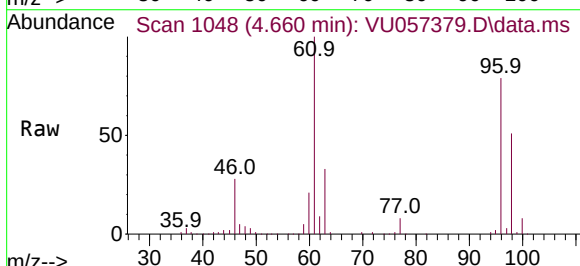
Tgt Ion: 96 Resp: 201038

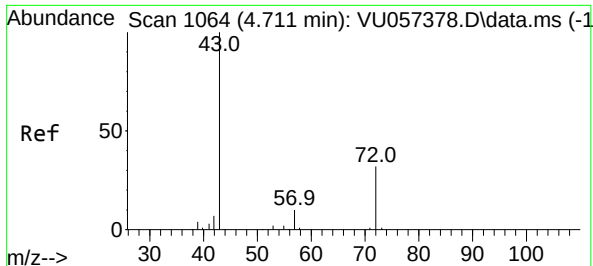
Ion Ratio Lower Upper

96 100

61 126.1 88.0 163.4

98 63.7 43.4 80.6

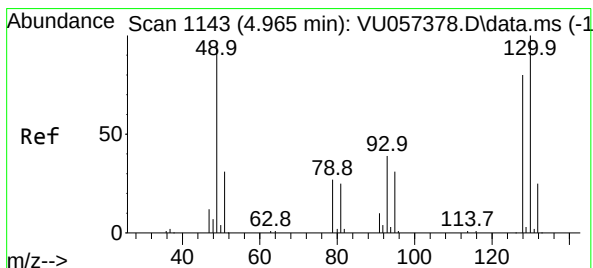
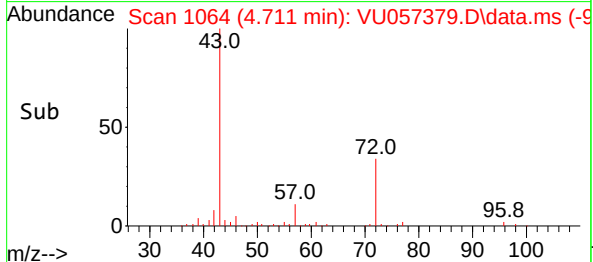
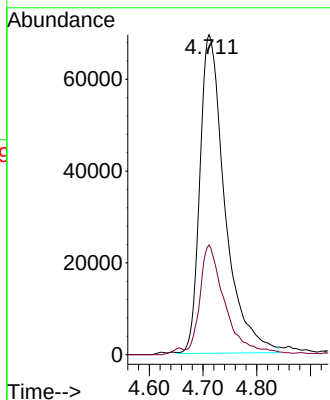
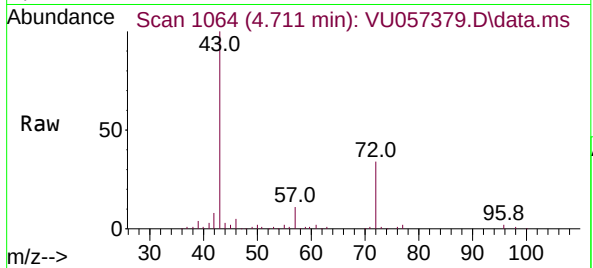




#22
2-Butanone
Concen: 214.946 ug/L
RT: 4.711 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VU057379.D
Acq: 08 Jan 2024 12:46

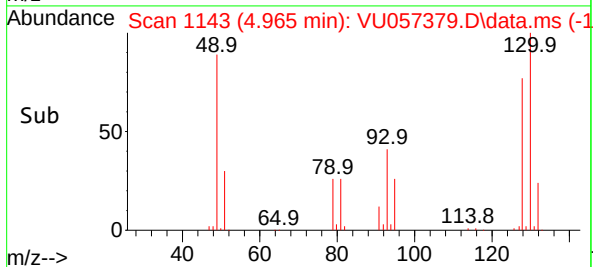
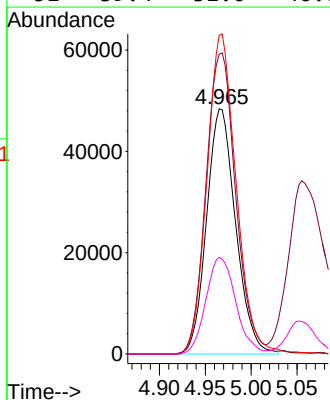
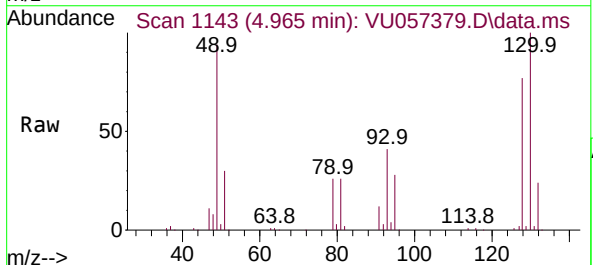
Instrument :
MSVOA_U
ClientSampleId :

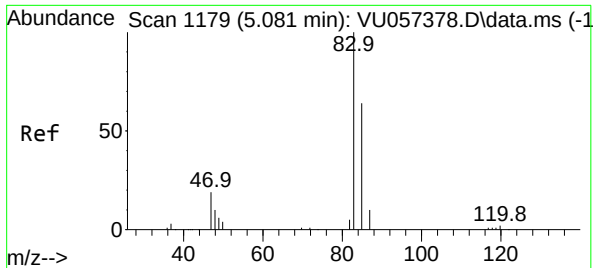
Tgt Ion: 43 Resp: 225051
Ion Ratio Lower Upper
43 100
72 30.8 15.2 45.6



#23
Bromochloromethane
Concen: 95.741 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VU057379.D
Acq: 08 Jan 2024 12:46

Tgt Ion:128 Resp: 106623
Ion Ratio Lower Upper
128 100
49 122.3 83.4 154.8
130 129.9 87.6 162.6
51 39.4 31.0 46.6

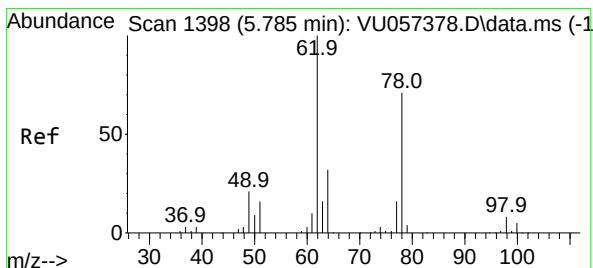
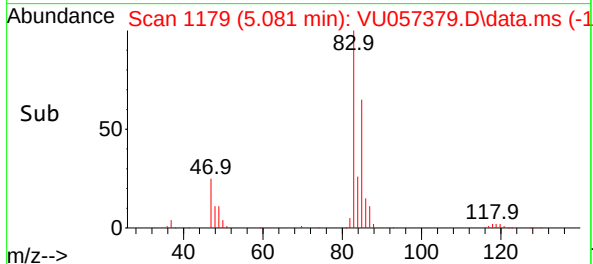
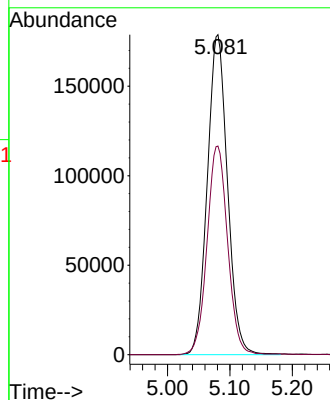
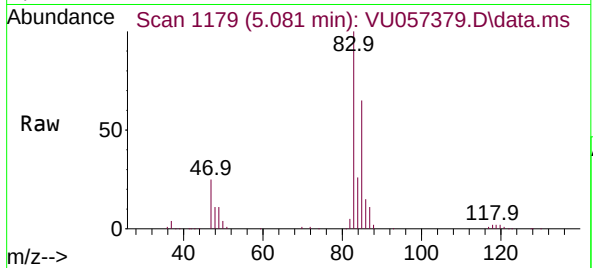




#25
Chloroform
Concen: 98.688 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VU057379.D
Acq: 08 Jan 2024 12:46

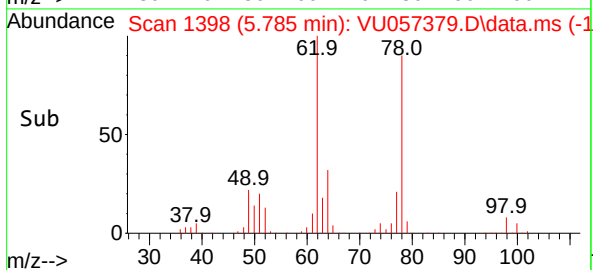
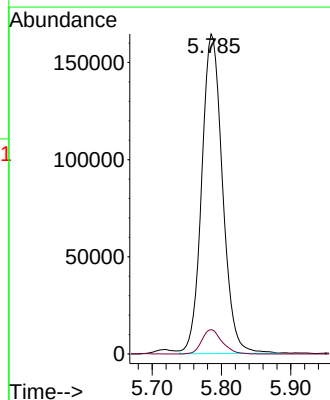
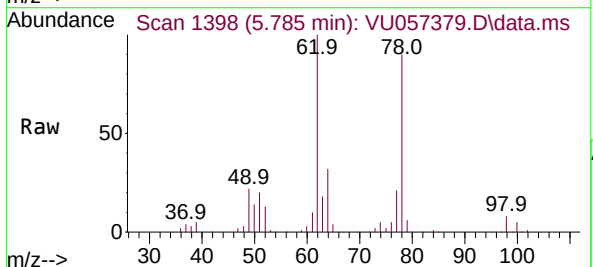
Instrument :
MSVOA_U
ClientSampleId :

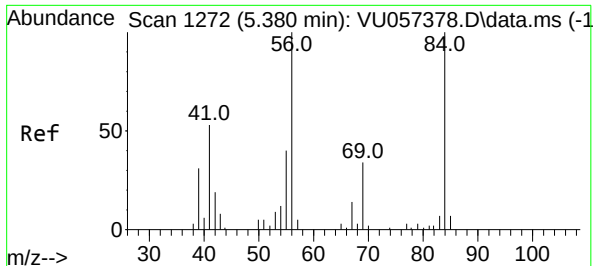
Tgt Ion: 83 Resp: 402141
Ion Ratio Lower Upper
83 100
85 65.2 45.5 84.5



#27
1,2-Dichloroethane
Concen: 99.758 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VU057379.D
Acq: 08 Jan 2024 12:46

Tgt Ion: 62 Resp: 342416
Ion Ratio Lower Upper
62 100
98 7.6 6.1 9.1





#29

Cyclohexane

Concen: 109.000 ug/L

RT: 5.383 min Scan# 1273

Delta R.T. 0.003 min

Lab File: VU057379.D

Acq: 08 Jan 2024 12:46

Instrument :

MSVOA_U

ClientSampleId :

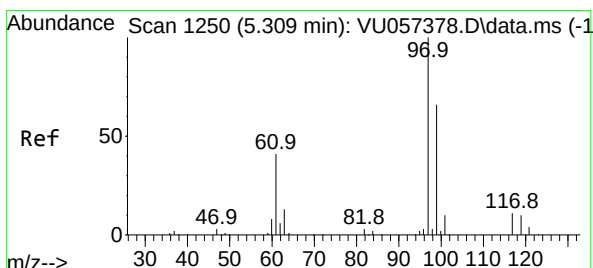
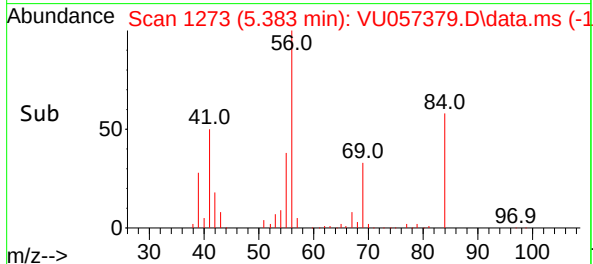
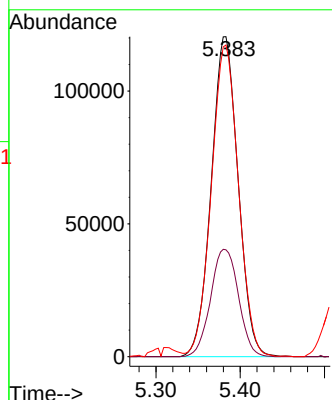
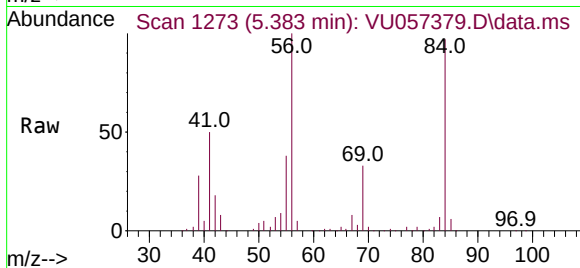
Tgt Ion: 56 Resp: 266350

Ion Ratio Lower Upper

56 100

69 34.8 27.8 41.8

84 98.3 79.3 118.9



#30

1,1,1-Trichloroethane

Concen: 100.433 ug/L

RT: 5.309 min Scan# 1250

Delta R.T. -0.000 min

Lab File: VU057379.D

Acq: 08 Jan 2024 12:46

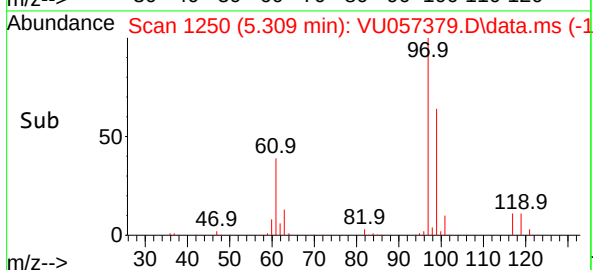
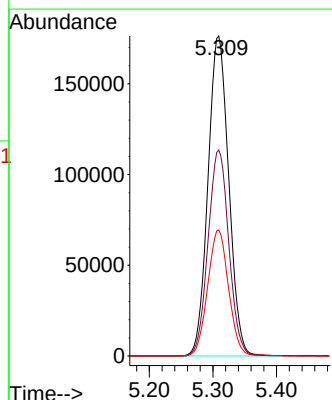
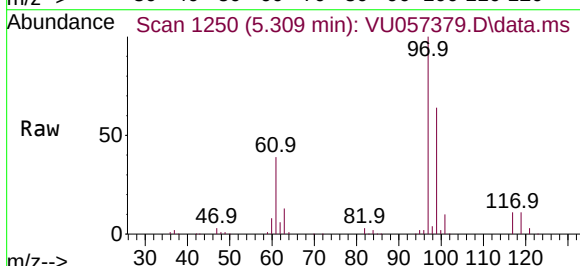
Tgt Ion: 97 Resp: 399099

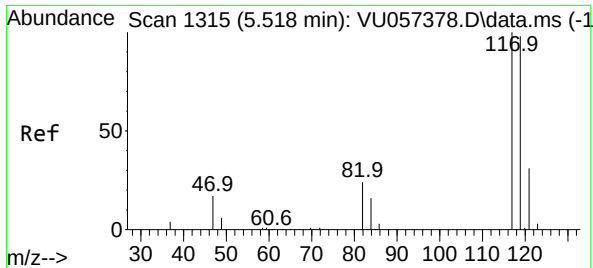
Ion Ratio Lower Upper

97 100

99 64.5 52.1 78.1

61 39.5 31.9 47.9

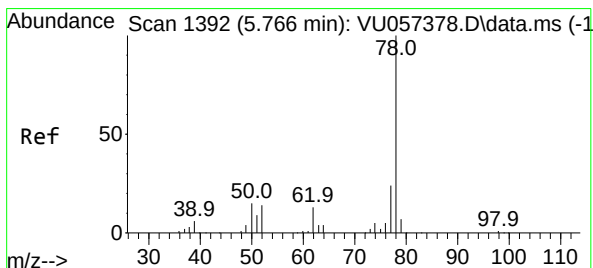
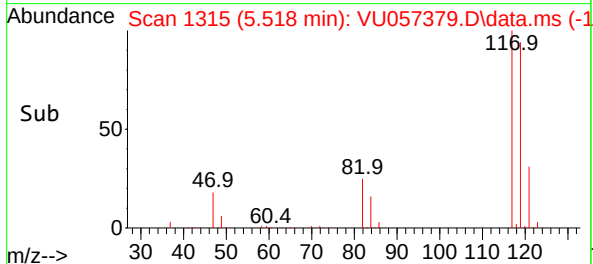
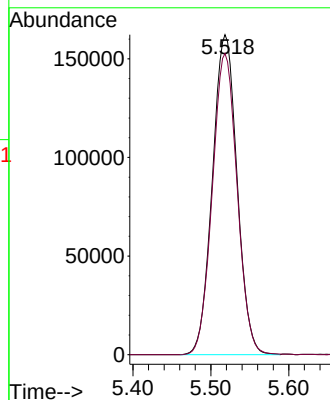
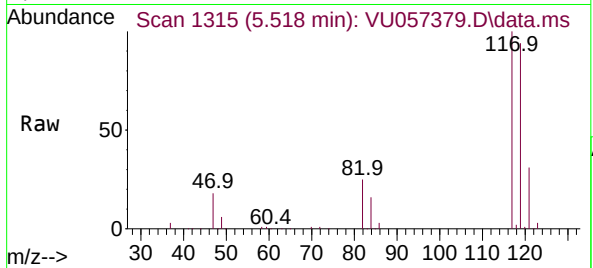




#31
Carbon tetrachloride
Concen: 101.054 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU057379.D
Acq: 08 Jan 2024 12:46

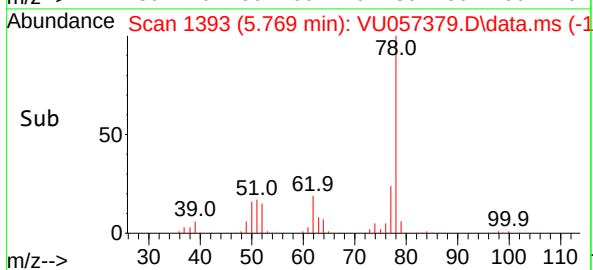
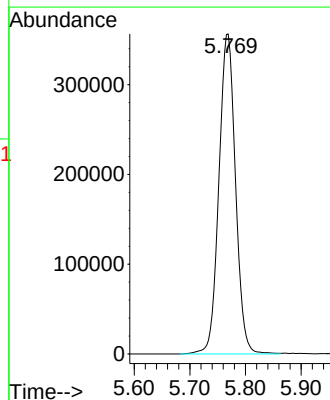
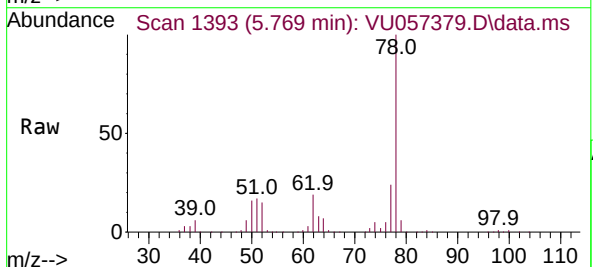
Instrument :
MSVOA_U
ClientSampleId :

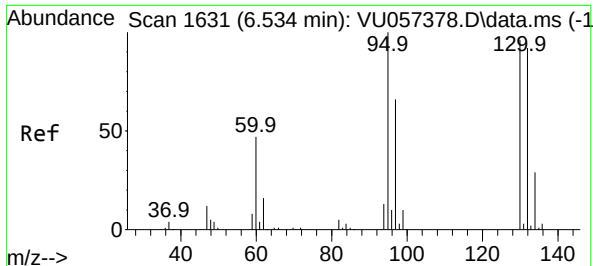
Tgt Ion:117 Resp: 356166
Ion Ratio Lower Upper
117 100
119 94.7 76.5 114.7



#33
Benzene
Concen: 101.849 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.003 min
Lab File: VU057379.D
Acq: 08 Jan 2024 12:46

Tgt Ion: 78 Resp: 739255

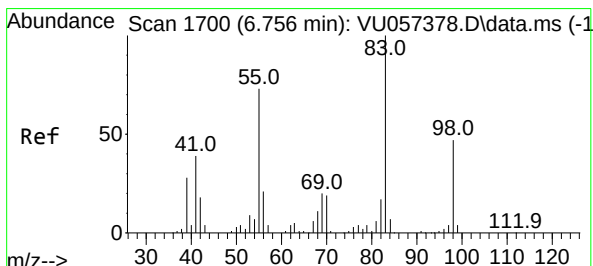
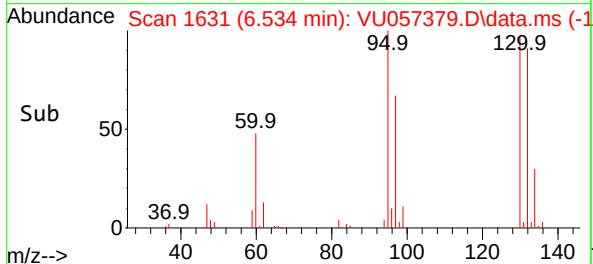
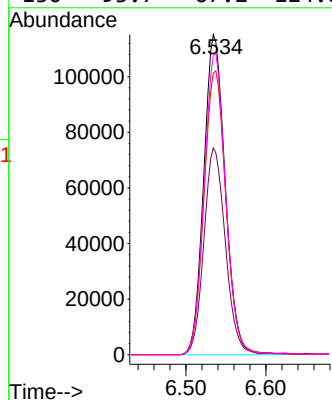
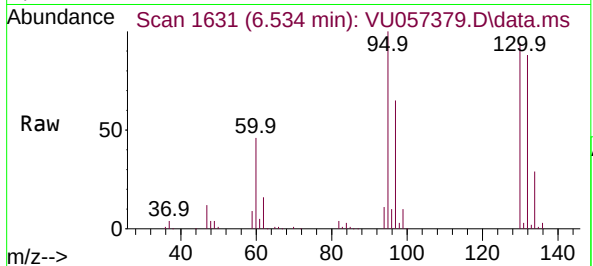




#34
Trichloroethene
Concen: 101.592 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU057379.D
Acq: 08 Jan 2024 12:46

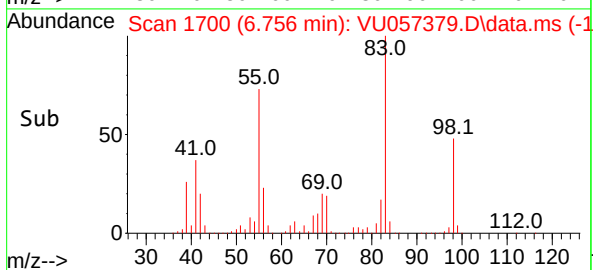
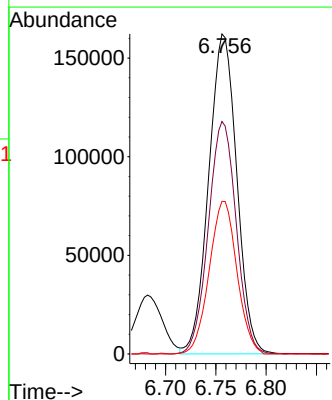
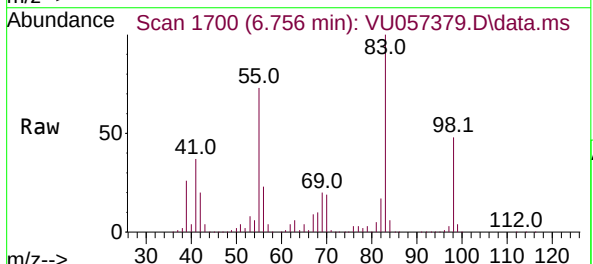
Instrument :
MSVOA_U
ClientSampleId :

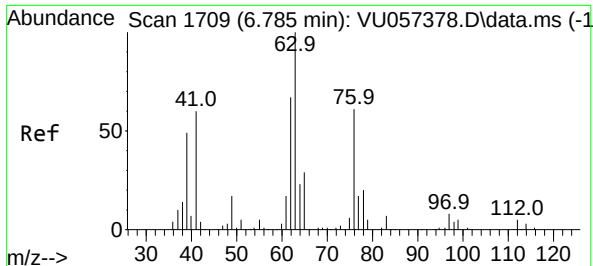
Tgt Ion: 95 Resp: 215285
Ion Ratio Lower Upper
95 100
97 64.6 46.2 85.8
132 88.0 64.3 119.5
130 93.7 67.2 124.8



#35
Methylcyclohexane
Concen: 109.276 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU057379.D
Acq: 08 Jan 2024 12:46

Tgt Ion: 83 Resp: 315056
Ion Ratio Lower Upper
83 100
55 72.3 58.0 87.0
98 47.1 36.6 55.0





#37

1,2-Dichloropropane

Concen: 98.908 ug/L

RT: 6.782 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU057379.D

Acq: 08 Jan 2024 12:46

Instrument :

MSVOA_U

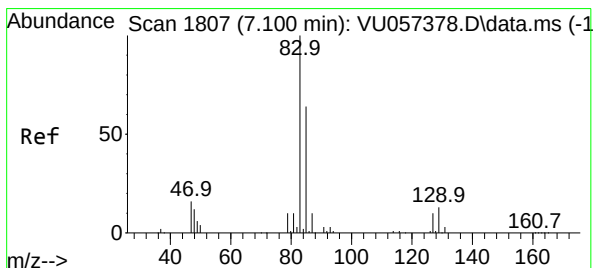
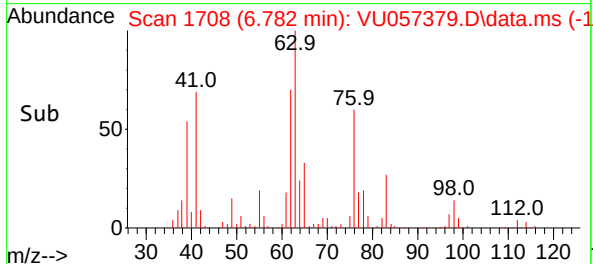
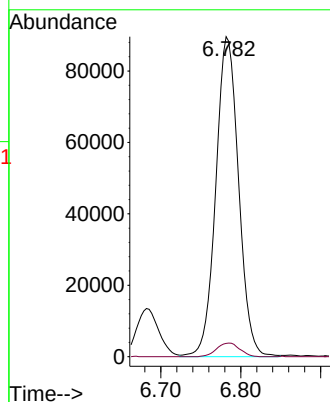
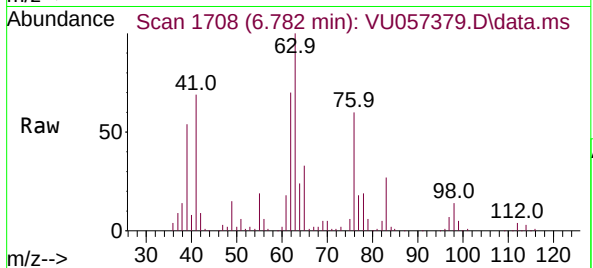
ClientSampleId :

Tgt Ion: 63 Resp: 177158

Ion Ratio Lower Upper

63 100

112 4.3 3.8 5.8



#38

Bromodichloromethane

Concen: 100.460 ug/L

RT: 7.097 min Scan# 1806

Delta R.T. -0.003 min

Lab File: VU057379.D

Acq: 08 Jan 2024 12:46

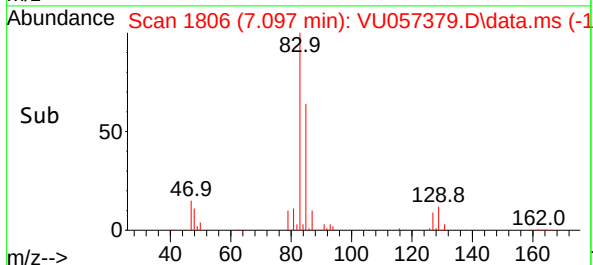
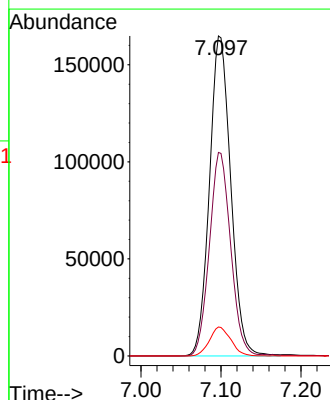
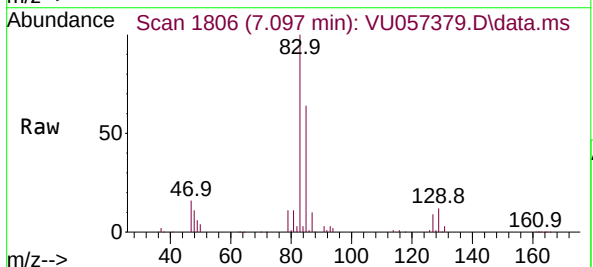
Tgt Ion: 83 Resp: 304820

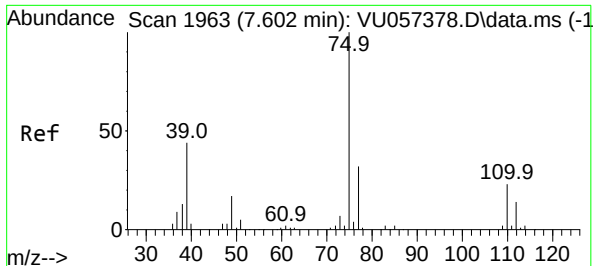
Ion Ratio Lower Upper

83 100

85 63.6 44.7 83.1

127 9.1 7.7 11.5





#39

cis-1,3-Dichloropropene

Concen: 106.911 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. -0.000 min

Lab File: VU057379.D

Acq: 08 Jan 2024 12:46

Instrument :

MSVOA_U

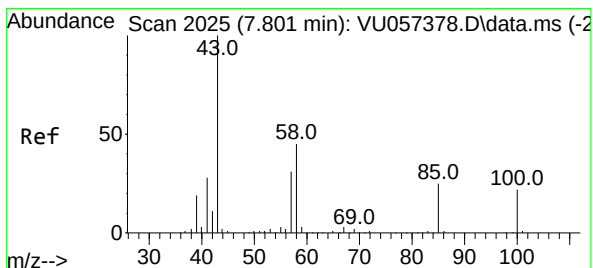
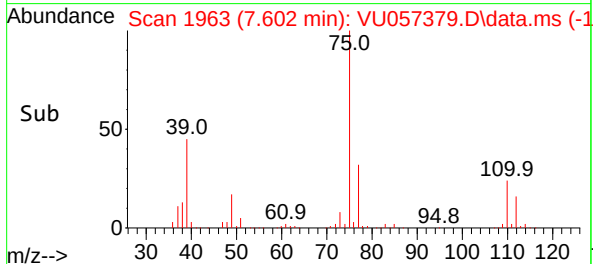
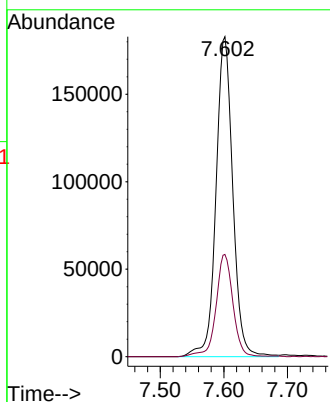
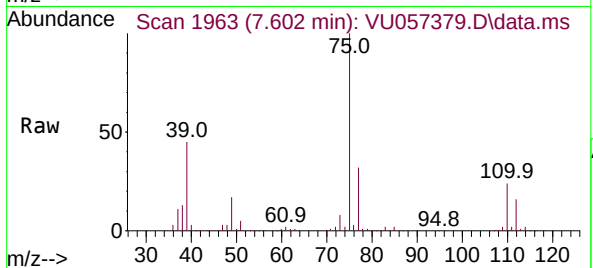
ClientSampleId :

Tgt Ion: 75 Resp: 335321

Ion Ratio Lower Upper

75 100

77 31.9 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 222.834 ug/L

RT: 7.795 min Scan# 2023

Delta R.T. -0.007 min

Lab File: VU057379.D

Acq: 08 Jan 2024 12:46

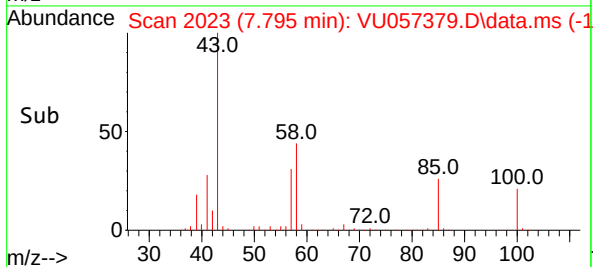
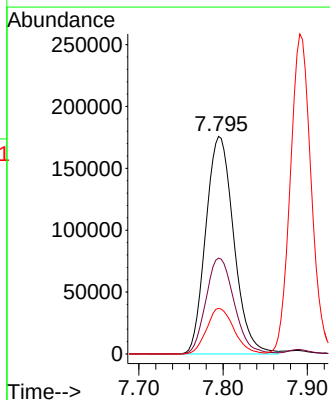
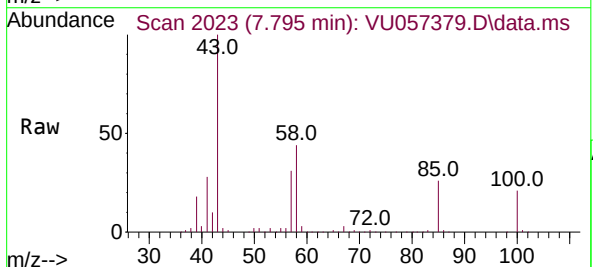
Tgt Ion: 43 Resp: 406674

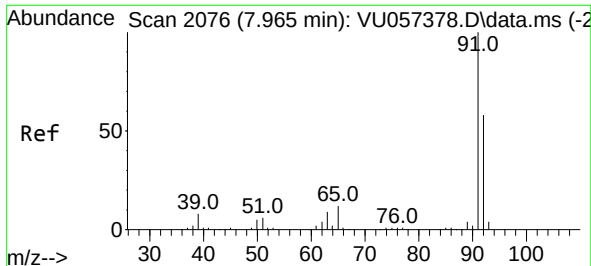
Ion Ratio Lower Upper

43 100

58 44.5 36.2 54.4

100 20.5 16.6 24.8





#42

Toluene

Concen: 104.992 ug/L

RT: 7.962 min Scan# 2076

Delta R.T. -0.003 min

Lab File: VU057379.D

Acq: 08 Jan 2024 12:46

Instrument :

MSVOA_U

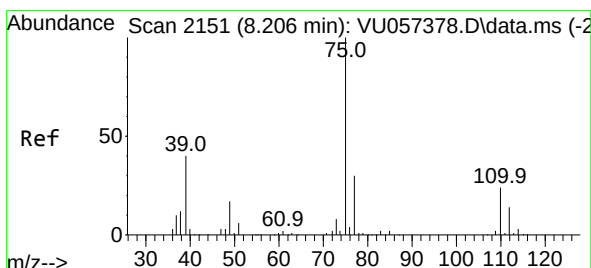
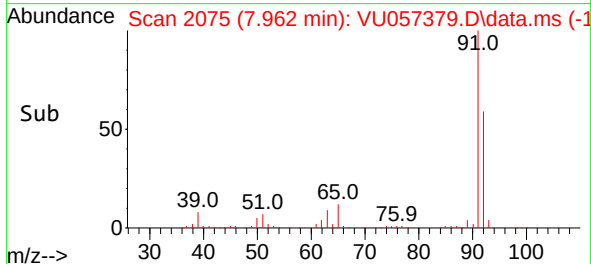
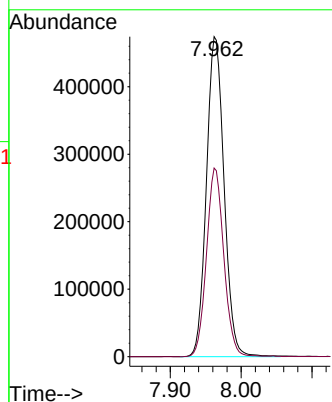
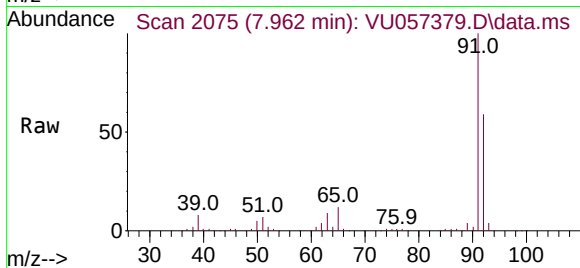
ClientSampleId :

Tgt Ion: 91 Resp: 819455

Ion Ratio Lower Upper

91 100

92 59.0 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 106.439 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.003 min

Lab File: VU057379.D

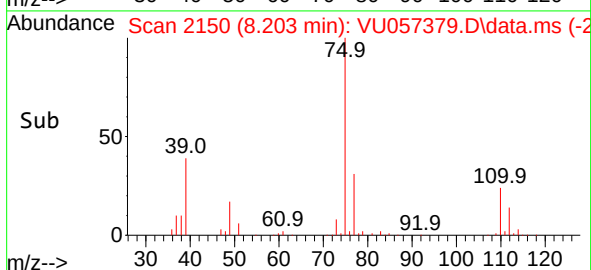
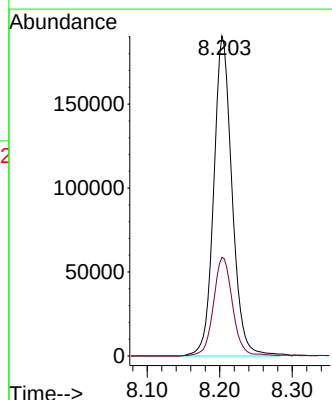
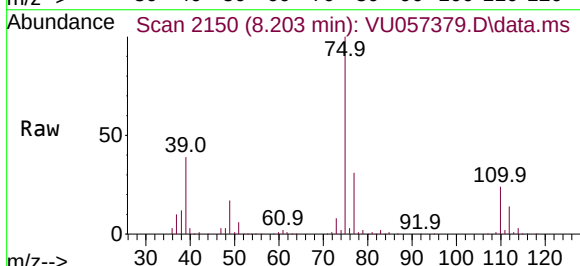
Acq: 08 Jan 2024 12:46

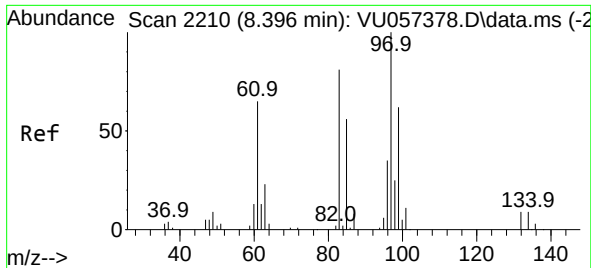
Tgt Ion: 75 Resp: 335158

Ion Ratio Lower Upper

75 100

77 30.8 21.3 39.5



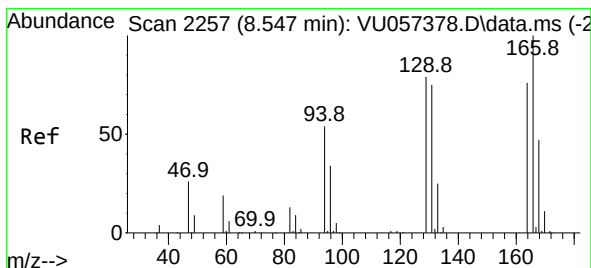
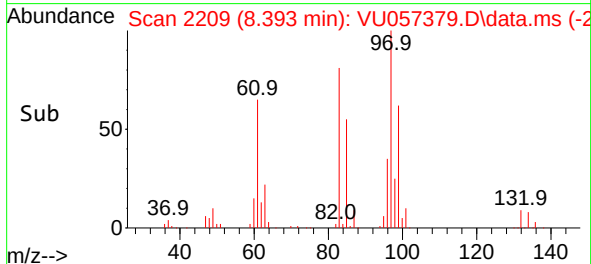
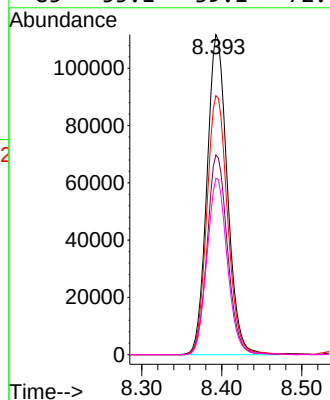
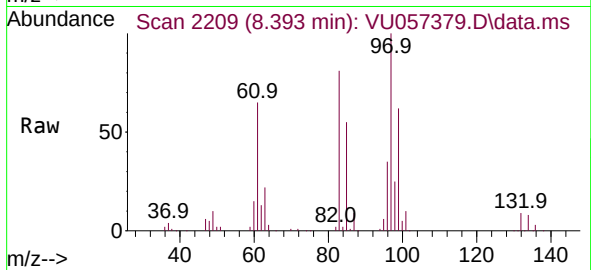


#45
1,1,2-Trichloroethane
Concen: 100.269 ug/L
RT: 8.393 min Scan# 2210
Delta R.T. -0.003 min
Lab File: VU057379.D
Acq: 08 Jan 2024 12:46

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 197610

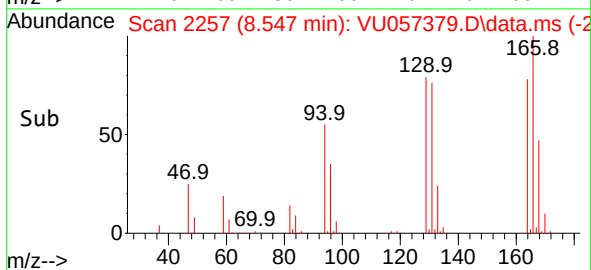
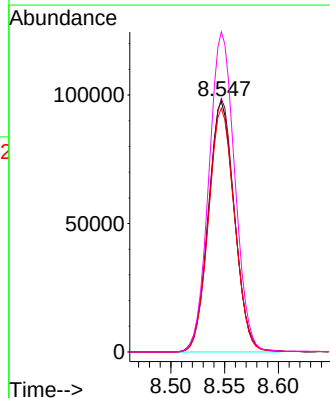
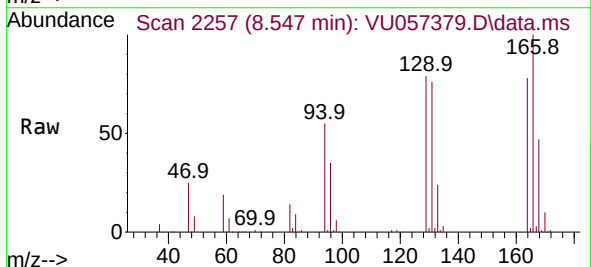
Ion	Ratio	Lower	Upper
97	100		
99	62.4	43.3	80.5
83	80.9	56.9	105.7
85	55.1	39.1	72.7

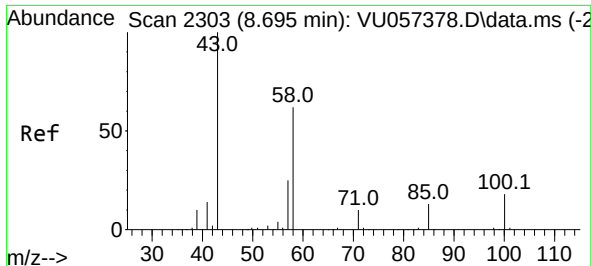


#46
Tetrachloroethene
Concen: 101.834 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU057379.D
Acq: 08 Jan 2024 12:46

Tgt Ion: 164 Resp: 163240

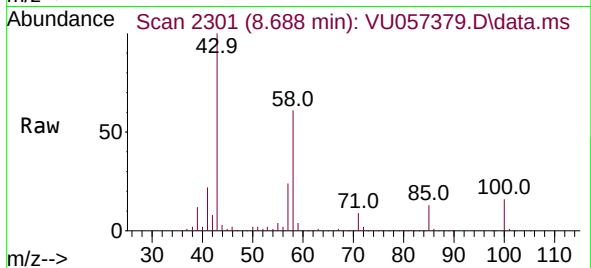
Ion	Ratio	Lower	Upper
164	100		
129	101.1	72.3	134.3
131	97.2	68.8	127.8
166	127.7	91.8	170.4





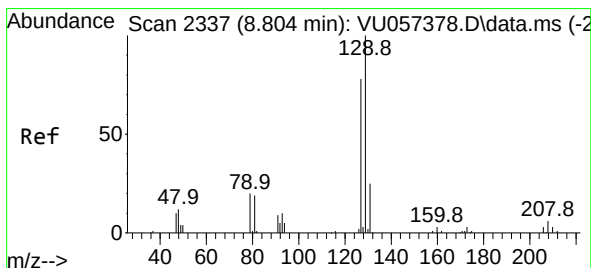
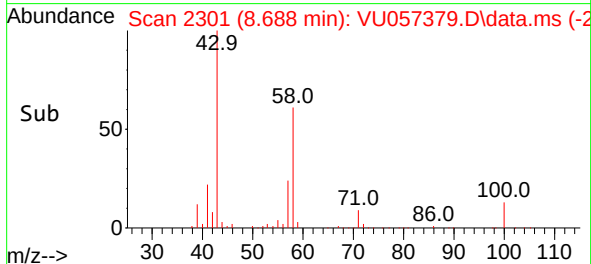
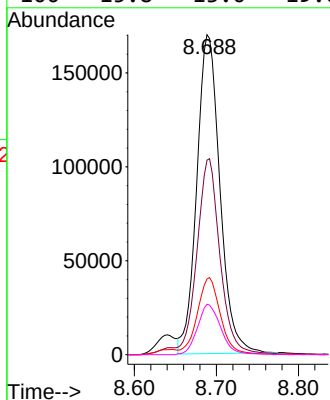
#48
2-Hexanone
Concen: 222.579 ug/L
RT: 8.688 min Scan# 21
Delta R.T. -0.007 min
Lab File: VU057379.D
Acq: 08 Jan 2024 12:46

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 333063

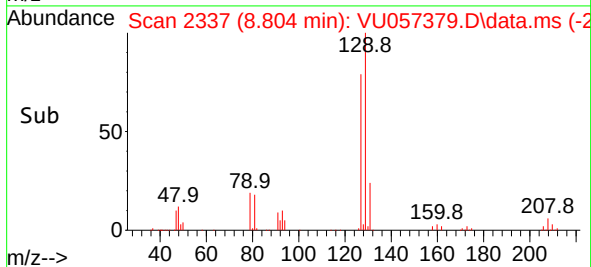
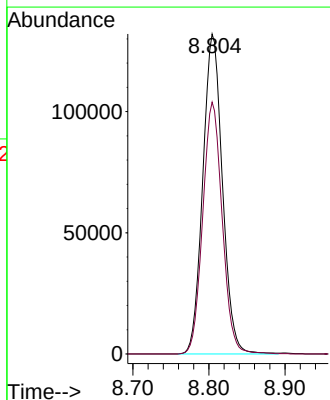
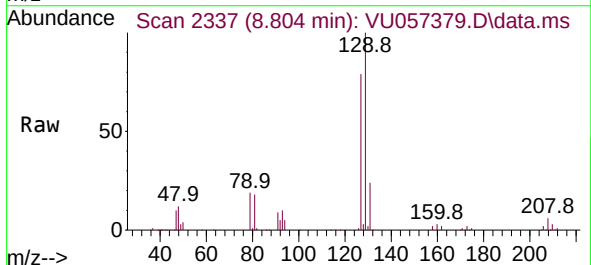
Ion	Ratio	Lower	Upper
43	100		
58	61.1	49.4	74.2
57	24.4	19.1	28.7
100	15.8	13.0	19.6

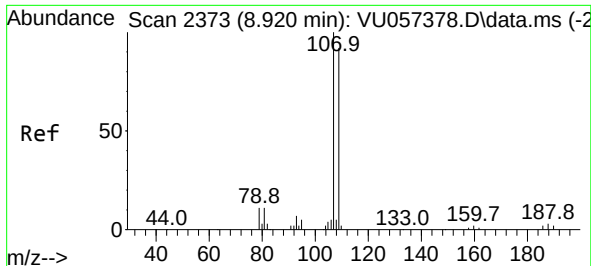


#49
Dibromochloromethane
Concen: 98.632 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU057379.D
Acq: 08 Jan 2024 12:46

Tgt Ion: 129 Resp: 236891

Ion	Ratio	Lower	Upper
129	100		
127	78.7	54.5	101.1

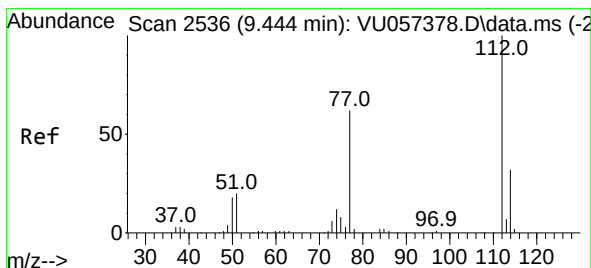
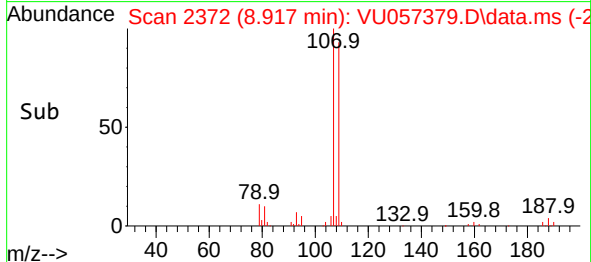
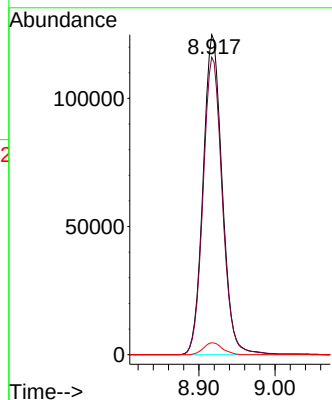
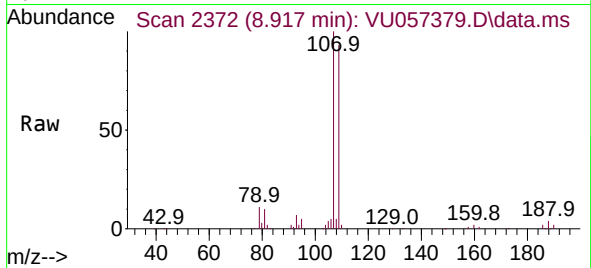




#50
1,2-Dibromoethane
Concen: 104.133 ug/L
RT: 8.917 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU057379.D
Acq: 08 Jan 2024 12:46

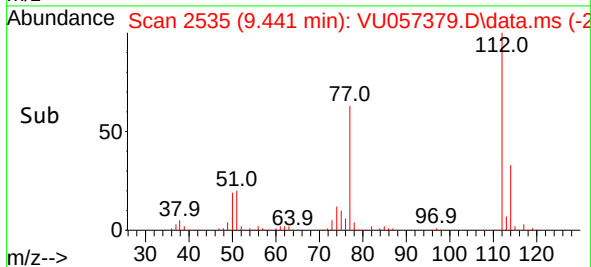
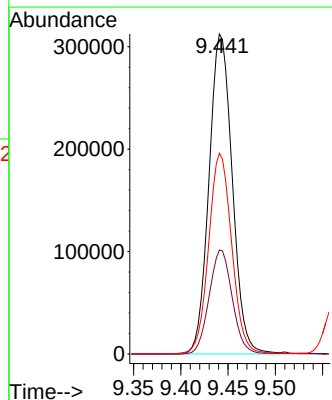
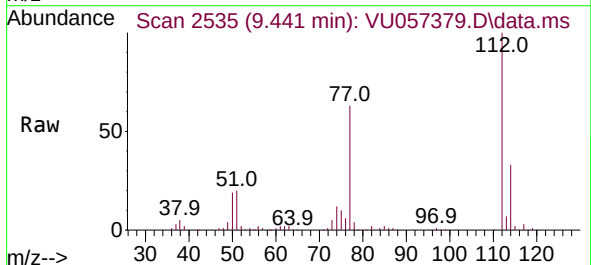
Instrument :
MSVOA_U
ClientSampleId :

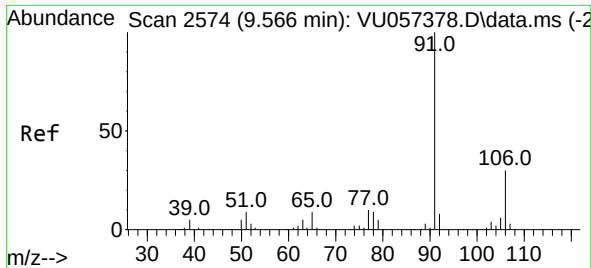
Tgt Ion:107 Resp: 217691
Ion Ratio Lower Upper
107 100
109 93.0 64.4 119.6
188 3.8 2.8 4.2



#51
Chlorobenzene
Concen: 101.983 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.003 min
Lab File: VU057379.D
Acq: 08 Jan 2024 12:46

Tgt Ion:112 Resp: 534829
Ion Ratio Lower Upper
112 100
114 32.5 22.5 41.7
77 62.7 50.1 75.1

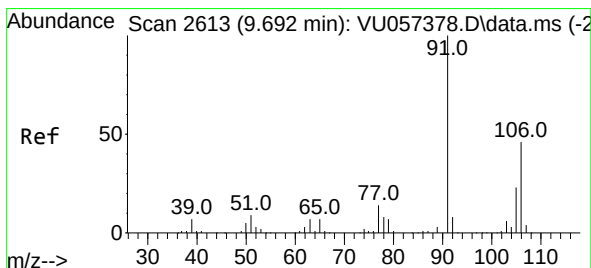
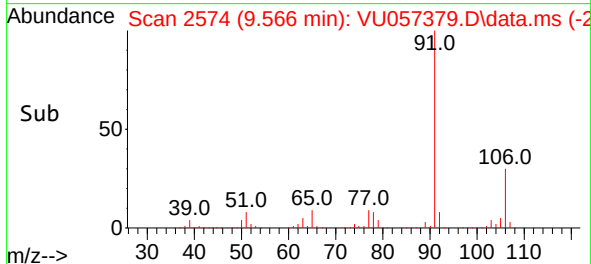
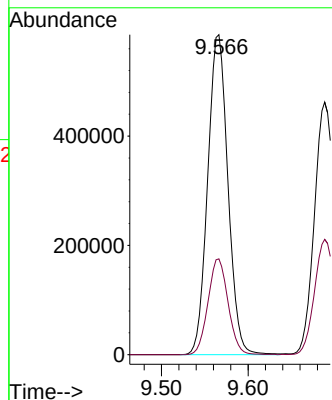
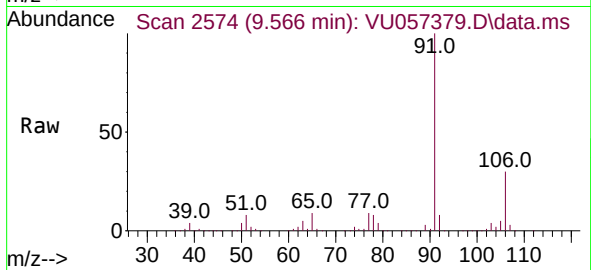




#52
Ethylbenzene
Concen: 109.394 ug/L
RT: 9.566 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU057379.D
Acq: 08 Jan 2024 12:46

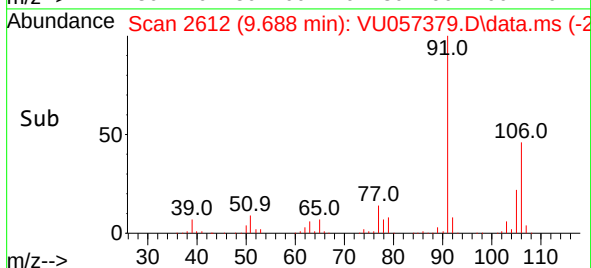
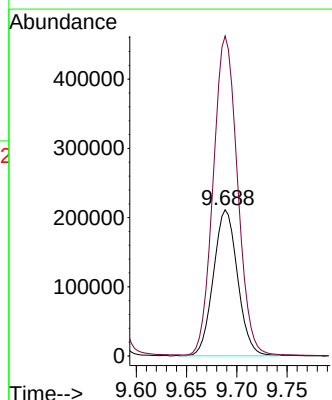
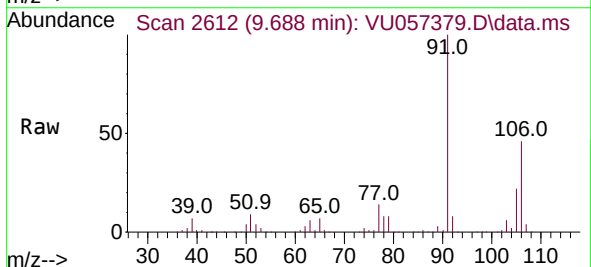
Instrument :
MSVOA_U
ClientSampleId :

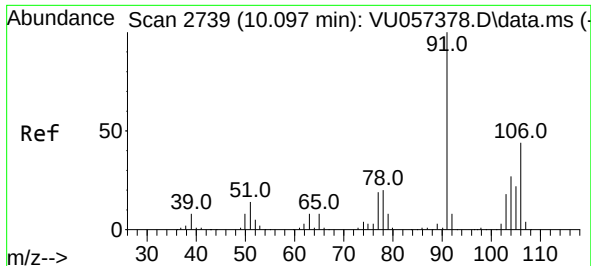
Tgt Ion: 91 Resp: 950772
Ion Ratio Lower Upper
91 100
106 30.0 21.0 39.0



#53
m,p-Xylene
Concen: 108.495 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.003 min
Lab File: VU057379.D
Acq: 08 Jan 2024 12:46

Tgt Ion:106 Resp: 352490
Ion Ratio Lower Upper
106 100
91 218.9 151.8 281.8

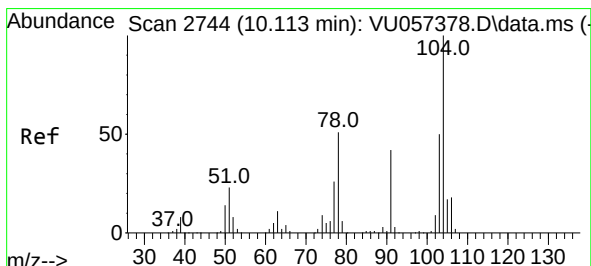
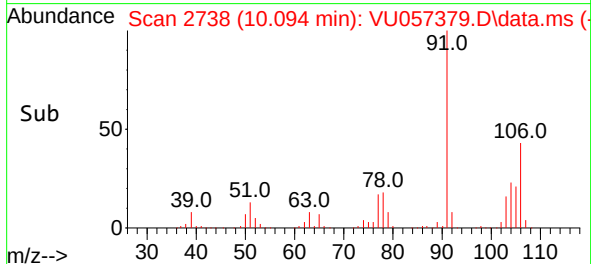
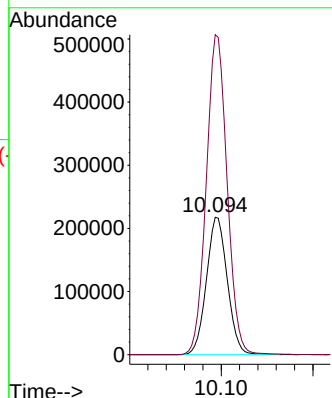
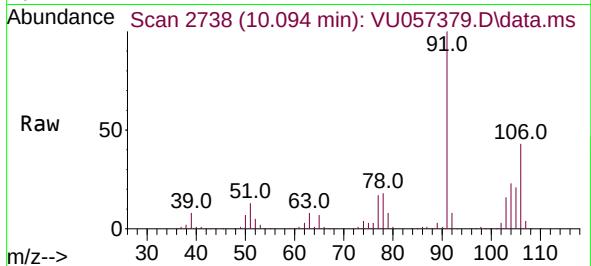




#54
o-Xylene
Concen: 108.392 ug/L
RT: 10.094 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU057379.D
Acq: 08 Jan 2024 12:46

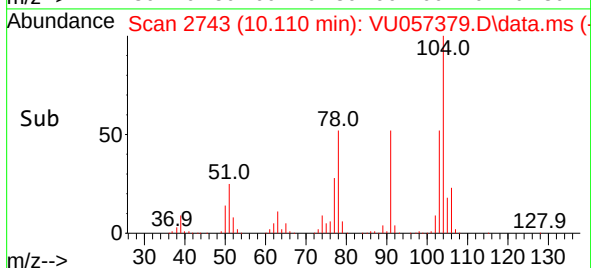
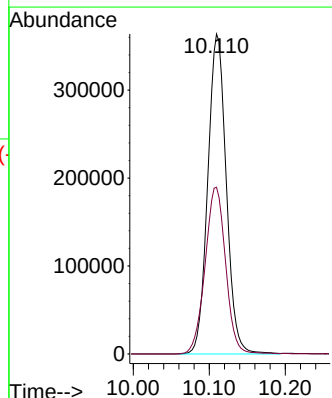
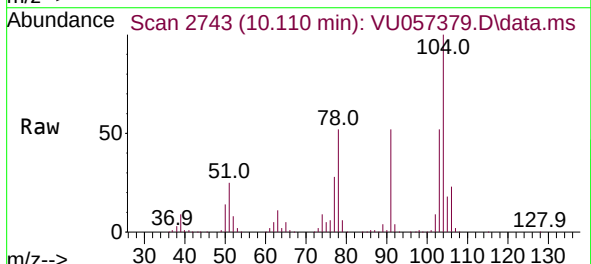
Instrument :
MSVOA_U
ClientSampleId :

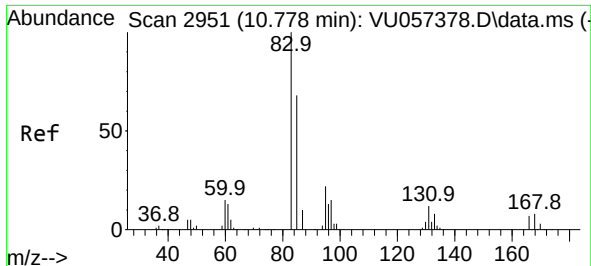
Tgt Ion:106 Resp: 343912
Ion Ratio Lower Upper
106 100
91 232.9 160.4 297.8



#55
Styrene
Concen: 114.379 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.003 min
Lab File: VU057379.D
Acq: 08 Jan 2024 12:46

Tgt Ion:104 Resp: 614541
Ion Ratio Lower Upper
104 100
78 52.1 35.8 66.6

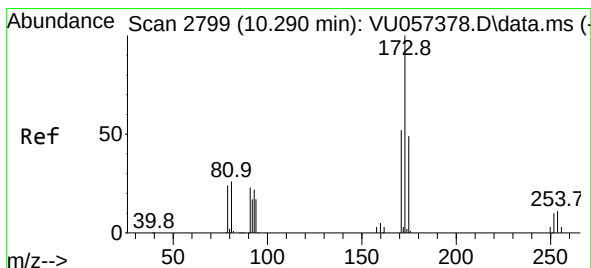
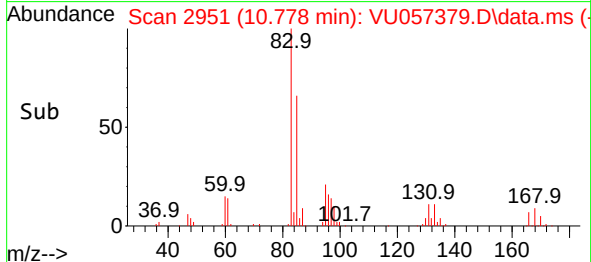
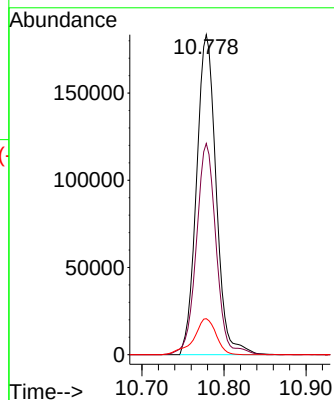
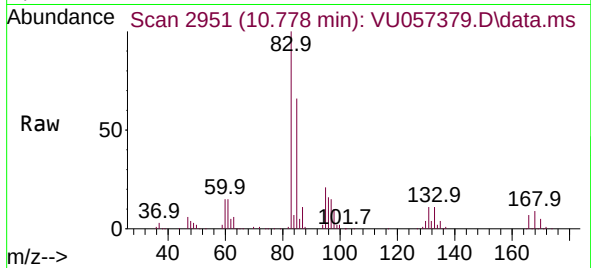




#57
1,1,2,2-Tetrachloroethane
Concen: 102.442 ug/L
RT: 10.778 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VU057379.D
Acq: 08 Jan 2024 12:46

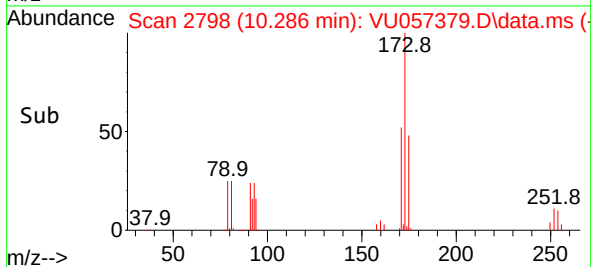
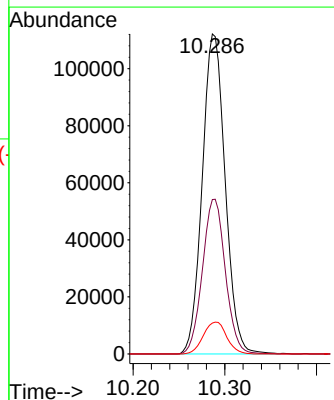
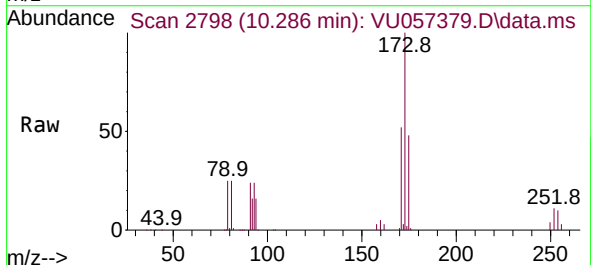
Instrument :
MSVOA_U
ClientSampleId :

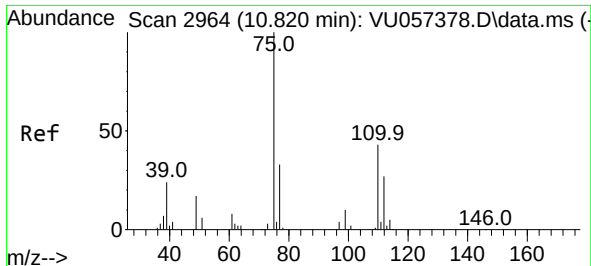
Tgt Ion: 83 Resp: 304427
Ion Ratio Lower Upper
83 100
85 66.0 47.9 88.9
131 11.3 9.8 14.8



#59
Bromoform
Concen: 94.603 ug/L
RT: 10.286 min Scan# 2798
Delta R.T. -0.003 min
Lab File: VU057379.D
Acq: 08 Jan 2024 12:46

Tgt Ion:173 Resp: 194958
Ion Ratio Lower Upper
173 100
175 48.3 38.4 57.6
254 10.2 7.9 11.9

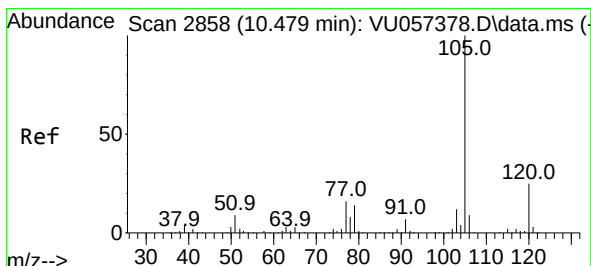
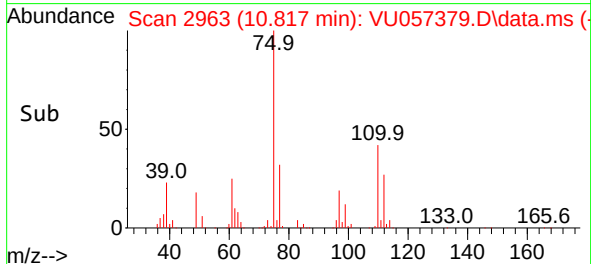
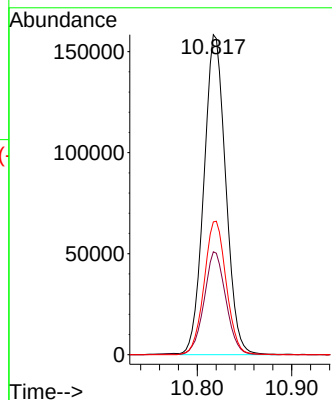
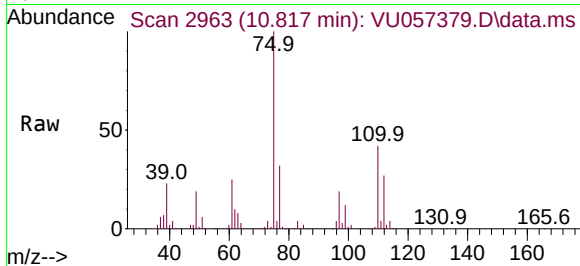




#60
1,2,3-Trichloropropane
Concen: 94.292 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. -0.003 min
Lab File: VU057379.D
Acq: 08 Jan 2024 12:46

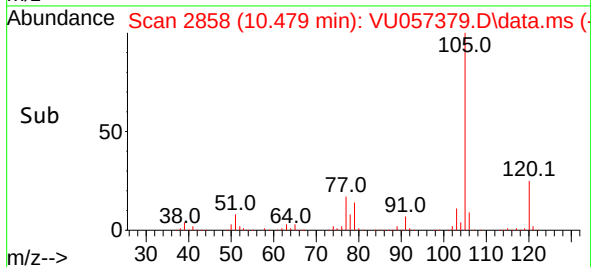
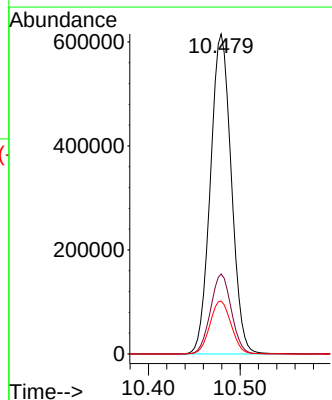
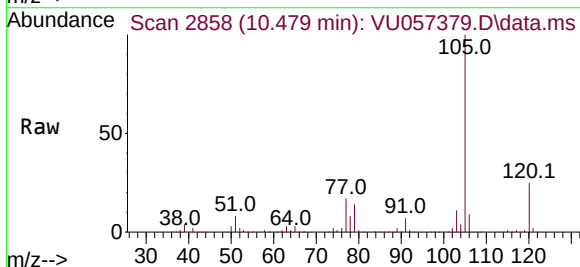
Instrument :
MSVOA_U
ClientSampleId :

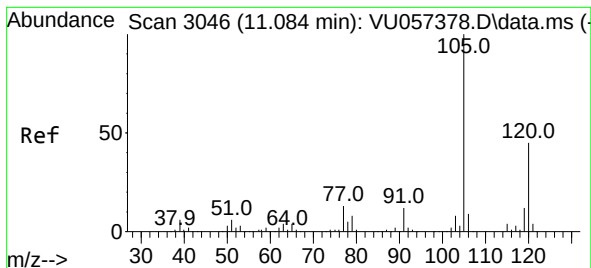
Tgt Ion: 75 Resp: 253844
Ion Ratio Lower Upper
75 100
77 31.7 26.0 39.0
110 42.2 33.6 50.4



#61
Isopropylbenzene
Concen: 104.585 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU057379.D
Acq: 08 Jan 2024 12:46

Tgt Ion: 105 Resp: 973452
Ion Ratio Lower Upper
105 100
120 25.0 19.9 29.9
77 16.8 13.3 19.9

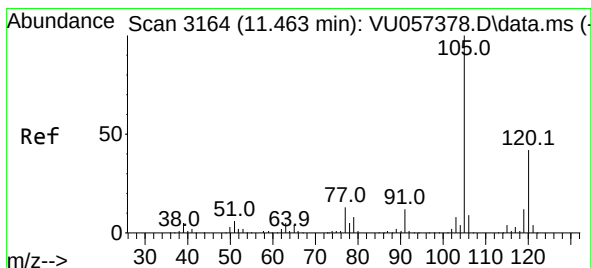
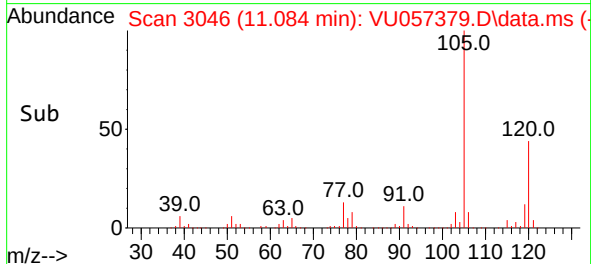
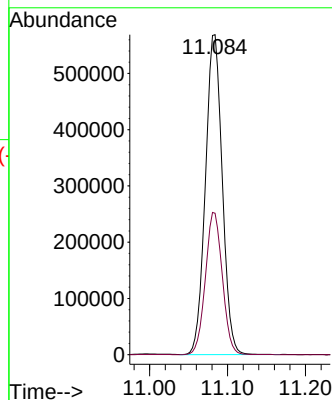
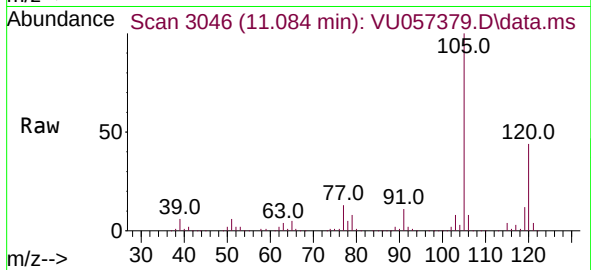




#62
1,3,5-Trimethylbenzene
Concen: 107.349 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU057379.D
Acq: 08 Jan 2024 12:46

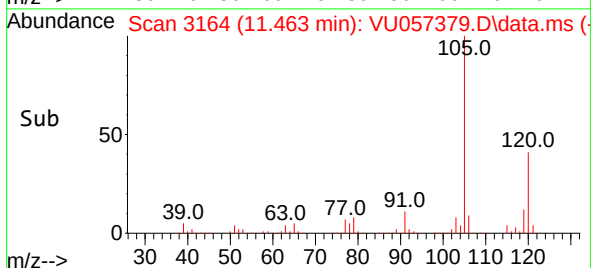
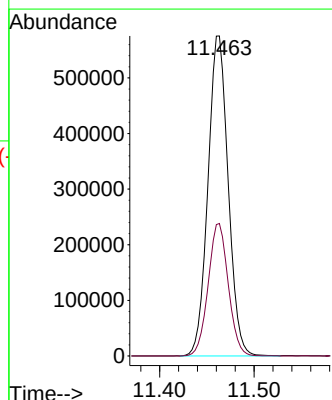
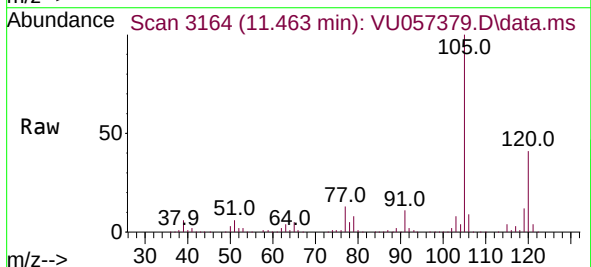
Instrument :
MSVOA_U
ClientSampleId :

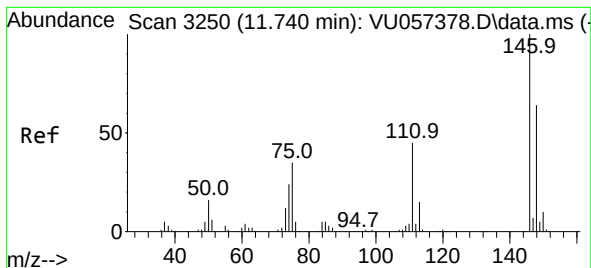
Tgt Ion:105 Resp: 854505
Ion Ratio Lower Upper
105 100
120 44.7 36.1 54.1



#63
1,2,4-Trimethylbenzene
Concen: 109.468 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VU057379.D
Acq: 08 Jan 2024 12:46

Tgt Ion:105 Resp: 855401
Ion Ratio Lower Upper
105 100
120 41.1 33.4 50.2





#64

1,3-Dichlorobenzene

Concen: 100.893 ug/L

RT: 11.740 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU057379.D

Acq: 08 Jan 2024 12:46

Instrument :

MSVOA_U

ClientSampleId :

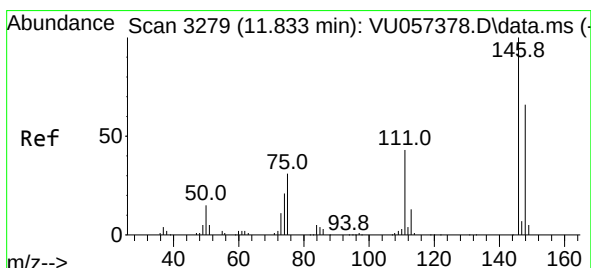
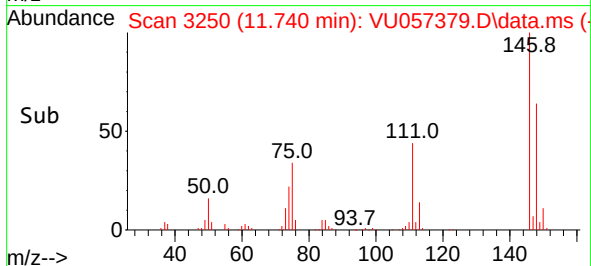
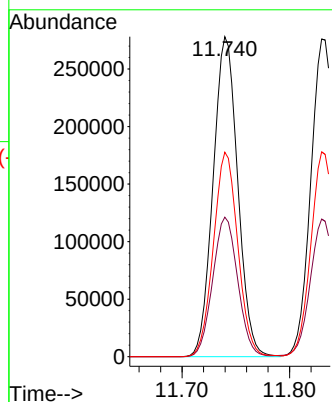
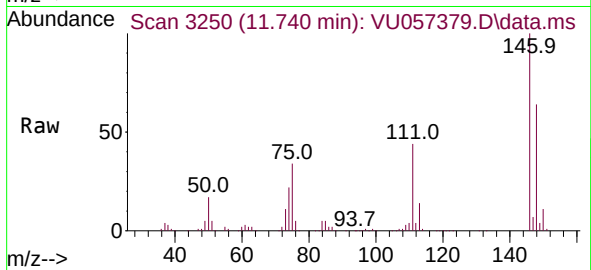
Tgt Ion:146 Resp: 442568

Ion Ratio Lower Upper

146 100

111 43.6 31.6 58.8

148 63.9 45.0 83.6



#65

1,4-Dichlorobenzene

Concen: 98.387 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.003 min

Lab File: VU057379.D

Acq: 08 Jan 2024 12:46

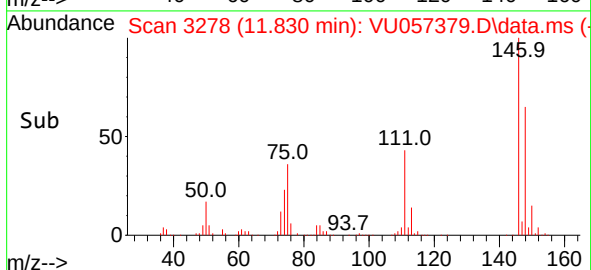
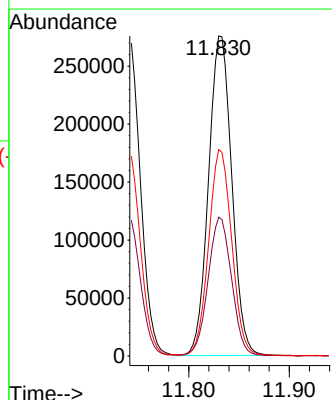
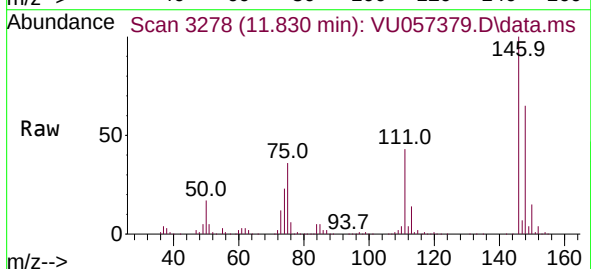
Tgt Ion:146 Resp: 443015

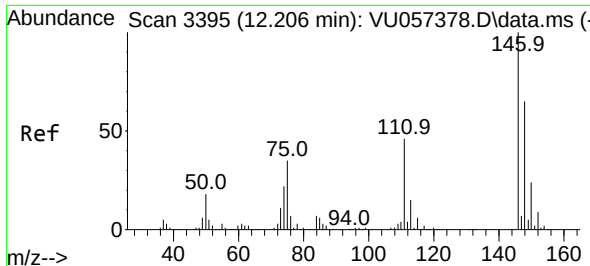
Ion Ratio Lower Upper

146 100

111 43.3 30.3 56.3

148 64.5 45.9 85.3





#67

1,2-Dichlorobenzene

Concen: 98.364 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU057379.D

Acq: 08 Jan 2024 12:46

Instrument :

MSVOA_U

ClientSampleId :

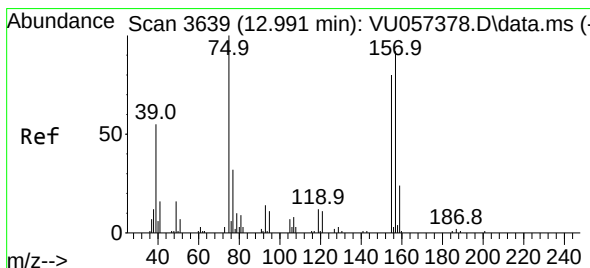
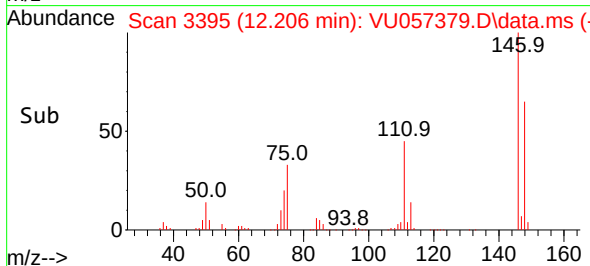
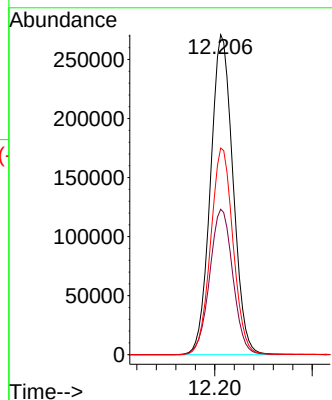
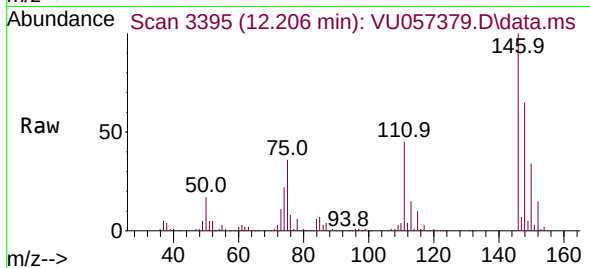
Tgt Ion:146 Resp: 434897

Ion Ratio Lower Upper

146 100

111 45.4 36.9 55.3

148 64.5 52.2 78.2



#68

1,2-Dibromo-3-chloropropane

Concen: 98.393 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU057379.D

Acq: 08 Jan 2024 12:46

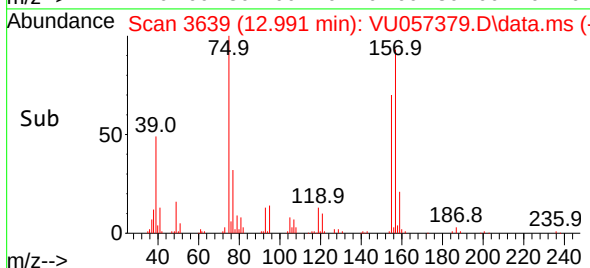
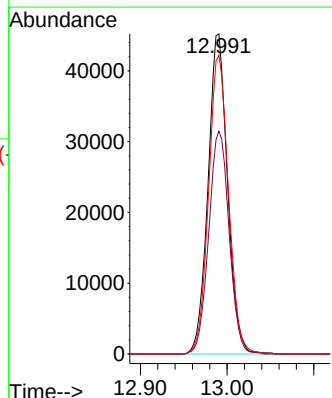
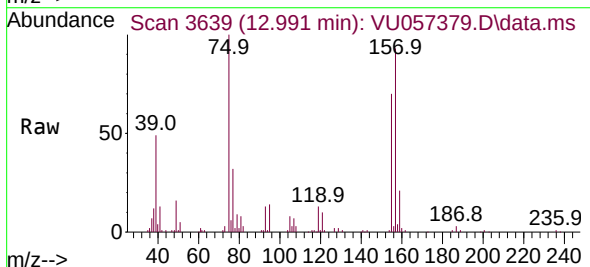
Tgt Ion: 75 Resp: 70729

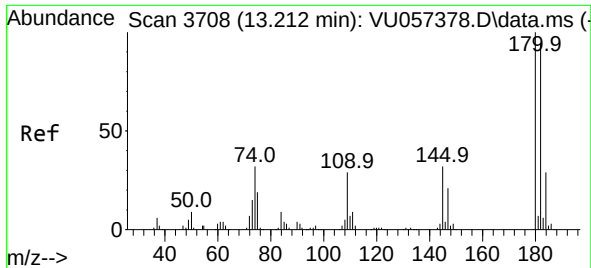
Ion Ratio Lower Upper

75 100

155 69.6 64.3 96.5

157 93.5 73.8 110.6





#69

1,3,5-Trichlorobenzene

Concen: 101.308 ug/L

RT: 13.212 min Scan# 31

Delta R.T. -0.000 min

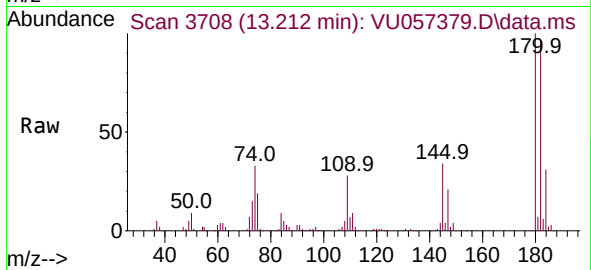
Lab File: VU057379.D

Acq: 08 Jan 2024 12:46

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 318103

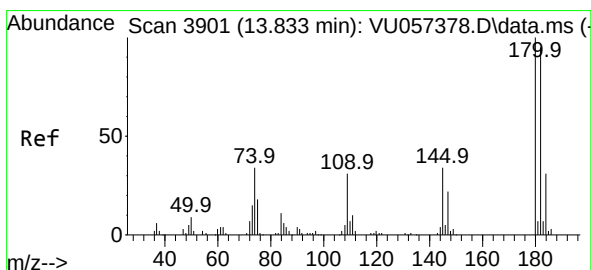
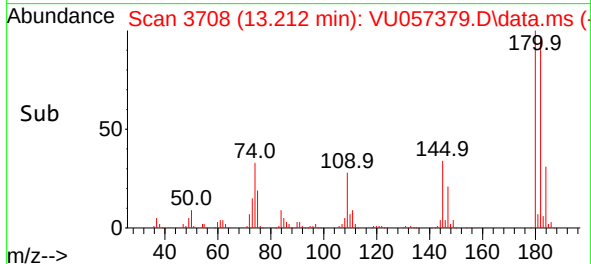
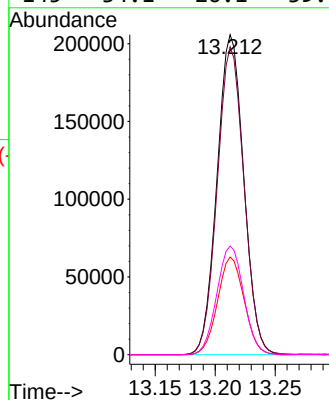
Ion Ratio Lower Upper

180 100

182 96.3 75.6 113.4

184 30.4 23.9 35.9

145 34.1 26.1 39.1



#70

1,2,4-trichlorobenzene

Concen: 108.761 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU057379.D

Acq: 08 Jan 2024 12:46

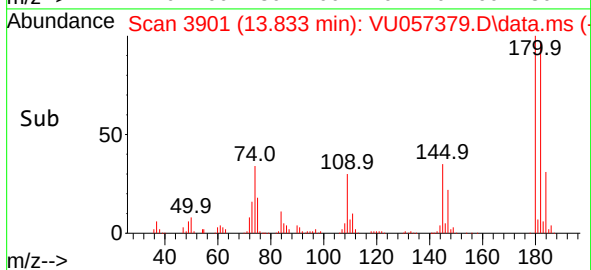
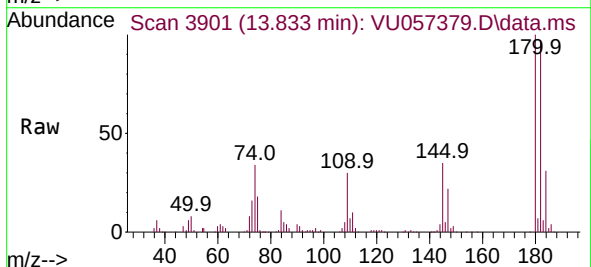
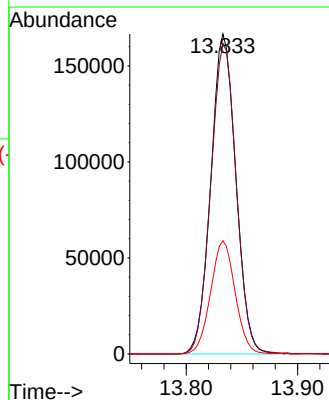
Tgt Ion:180 Resp: 260003

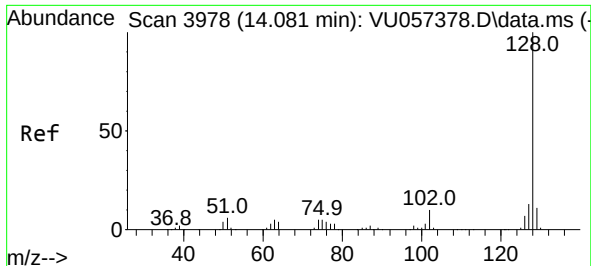
Ion Ratio Lower Upper

180 100

182 98.4 75.8 113.8

145 34.7 27.4 41.0

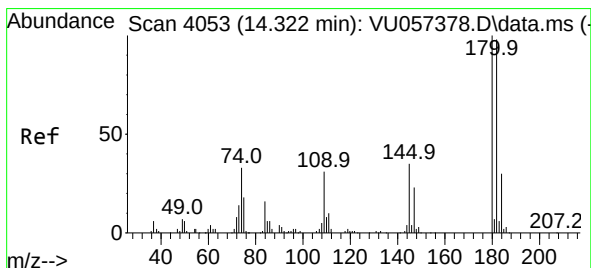
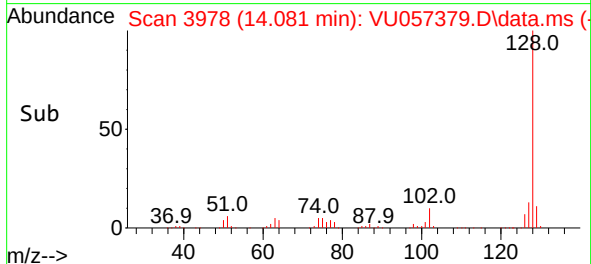
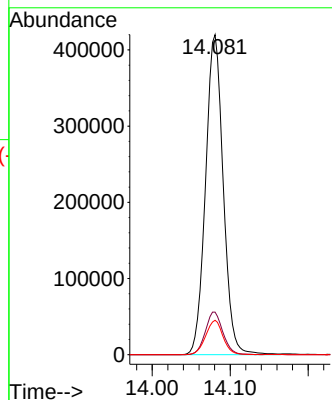
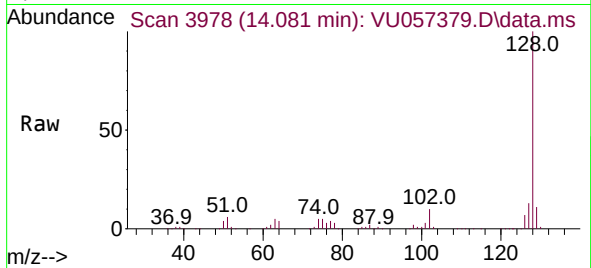




#71
Naphthalene
Concen: 118.916 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU057379.D
Acq: 08 Jan 2024 12:46

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 664248
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.2
129 10.6 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 108.683 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU057379.D
Acq: 08 Jan 2024 12:46

Tgt Ion:180 Resp: 245707
Ion Ratio Lower Upper
180 100
182 96.6 77.5 116.3
145 36.3 28.2 42.4

