

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010824\
 Data File : VU057378.D
 Acq On : 08 Jan 2024 12:22
 Operator : MD/SY
 Sample : VSTD050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 09 00:21:21 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	264261	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	268977	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	134925	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	86970	47.817	ug/L	0.00
7) Chloroethane-d5	1.914	69	68906	48.956	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	63	189192	49.076	ug/L	0.00
21) 2-Butanone-d5	4.631	46	87867	99.699	ug/L	0.00
24) Chloroform-d	5.055	84	208586	48.496	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	140850	49.571	ug/L	0.00
32) Benzene-d6	5.721	84	353327	48.936	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	98359	48.266	ug/L	0.00
41) Toluene-d8	7.891	98	342308	50.591	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	60433	49.684	ug/L	0.00
47) 2-Hexanone-d5	8.647	63	68089	102.207	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	149492	49.088	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	126928	48.098	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	144335	47.876	ug/L	100
3) Chloromethane	1.518	50	88970	47.031	ug/L	100
5) Vinyl chloride	1.605	62	96606	47.702	ug/L	100
6) Bromomethane	1.856	94	61304	45.735	ug/L	100
8) Chloroethane	1.933	64	56332	47.554	ug/L	100
9) Trichlorofluoromethane	2.133	101	202533	47.930	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	96037	47.325	ug/L	100
12) 1,1-Dichloroethene	2.573	96	84837	47.379	ug/L	100
13) Acetone	2.650	43	101510	93.408	ug/L	100
14) Carbon disulfide	2.785	76	264705	47.729	ug/L	100
15) Methyl Acetate	2.949	43	67769	48.403	ug/L	100
16) Methylene chloride	3.039	84	96002	47.155	ug/L	100
17) trans-1,2-Dichloroethene	3.345	96	88286	48.195	ug/L	100
18) Methyl tert-butyl Ether	3.358	73	288960	49.281	ug/L	100
19) 1,1-Dichloroethane	3.859	63	164304	48.449	ug/L	100
20) cis-1,2-Dichloroethene	4.657	96	94630	48.292	ug/L	100
22) 2-Butanone	4.711	43	97870	92.547	ug/L	100
23) Bromochloromethane	4.965	128	53609	47.660	ug/L	100
25) Chloroform	5.081	83	197392	47.960	ug/L	100
27) 1,2-Dichloroethane	5.785	62	172076	49.634	ug/L	100
29) Cyclohexane	5.380	56	122566	48.163	ug/L	100
30) 1,1,1-Trichloroethane	5.309	97	195785	47.309	ug/L	100
31) Carbon tetrachloride	5.518	117	176584	48.109	ug/L	100
33) Benzene	5.766	78	365688	48.378	ug/L	100
34) Trichloroethene	6.534	95	102657	46.516	ug/L	100
35) Methylcyclohexane	6.756	83	147443	49.106	ug/L	100
37) 1,2-Dichloropropane	6.785	63	87872	47.108	ug/L	100
38) Bromodichloromethane	7.100	83	150747	47.706	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	158212	48.437	ug/L	100
40) 4-Methyl-2-pentanone	7.801	43	187157	98.472	ug/L	100
42) Toluene	7.965	91	402201	49.482	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	160491	48.941	ug/L	100

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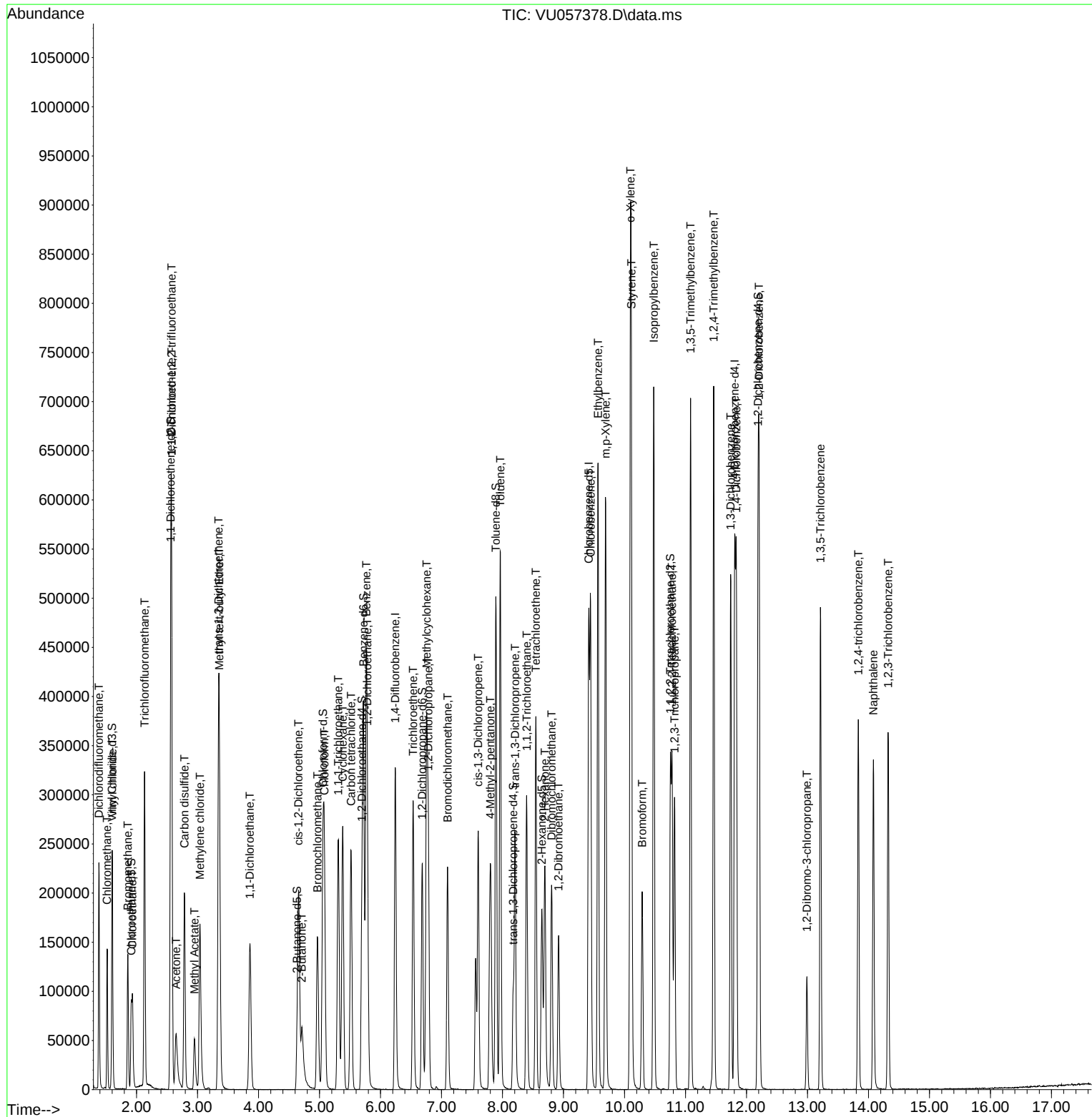
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.396	97	98220	47.855	ug/L	100
46) Tetrachloroethene	8.547	164	79339	47.525	ug/L	100
48) 2-Hexanone	8.695	43	150484	96.565	ug/L	100
49) Dibromochloromethane	8.804	129	118831	47.509	ug/L	100
50) 1,2-Dibromoethane	8.920	107	104898	48.182	ug/L	100
51) Chlorobenzene	9.444	112	264692	48.465	ug/L	100
52) Ethylbenzene	9.566	91	450495	49.772	ug/L	100
53) m,p-Xylene	9.692	106	169393	50.065	ug/L	100
54) o-Xylene	10.097	106	165424	50.064	ug/L	100
55) Styrene	10.113	104	286030	51.119	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.778	83	146265	47.262	ug/L	100
59) Bromoform	10.290	173	94330	48.217	ug/L	100
60) 1,2,3-Trichloropropane	10.820	75	123468	48.311	ug/L	100
61) Isopropylbenzene	10.479	105	458136	51.848	ug/L	100
62) 1,3,5-Trimethylbenzene	11.084	105	388795	51.450	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	390554	52.648	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	206666	49.629	ug/L	100
65) 1,4-Dichlorobenzene	11.833	146	204941	47.944	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	205212	48.892	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.991	75	31936	46.798	ug/L	100
69) 1,3,5-Trichlorobenzene	13.212	180	146009	48.982	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	112986	49.785	ug/L	100
71) Naphthalene	14.081	128	270576	51.025	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	108292	50.457	ug/L	100

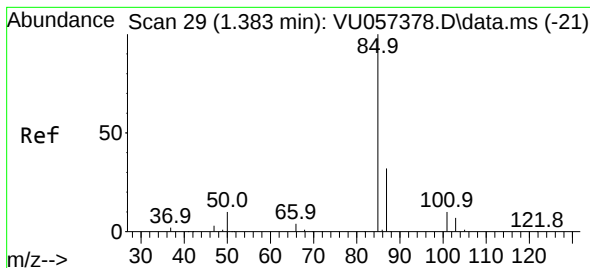
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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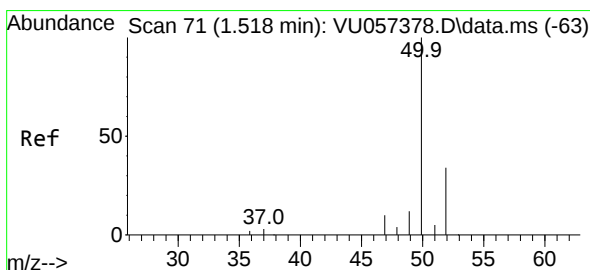
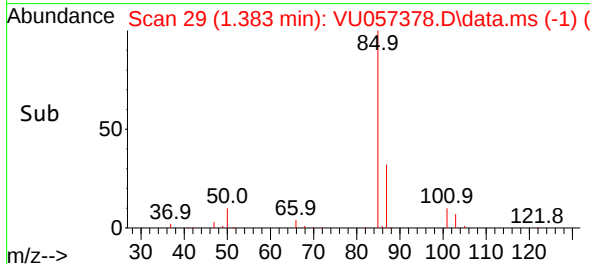
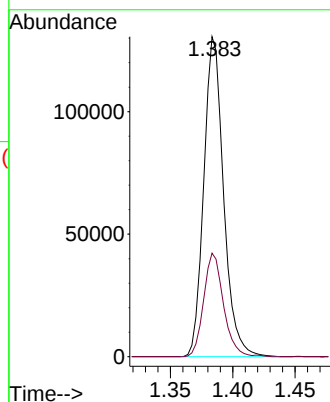
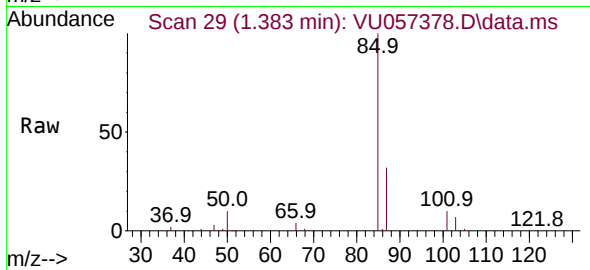




#2
Dichlorodifluoromethane
Concen: 47.876 ug/L
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU057378.D
Acq: 08 Jan 2024 12:22

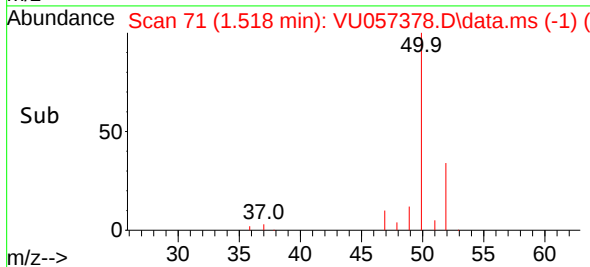
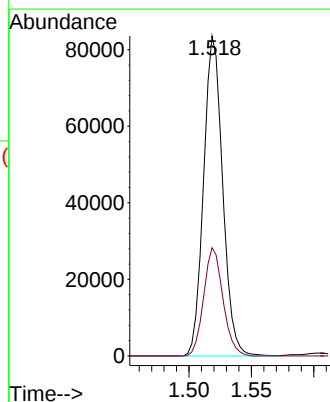
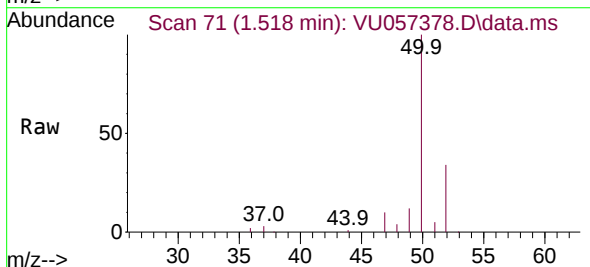
Instrument :
MSVOA_U
ClientSampleId :

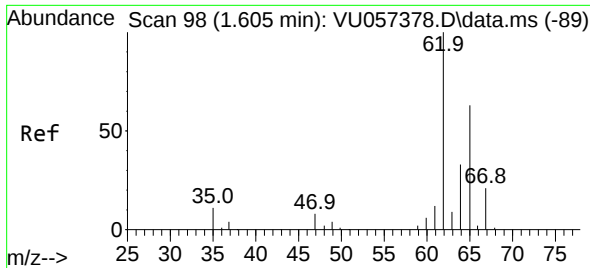
Tgt Ion: 85 Resp: 144335
Ion Ratio Lower Upper
85 100
87 32.2 25.8 38.6



#3
Chloromethane
Concen: 47.031 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU057378.D
Acq: 08 Jan 2024 12:22

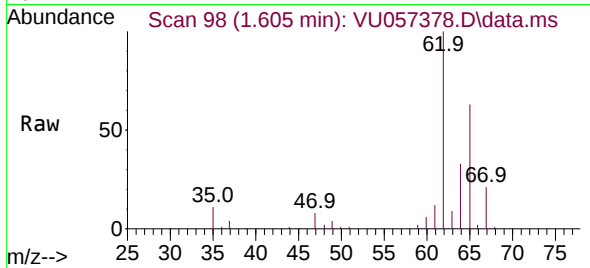
Tgt Ion: 50 Resp: 88970
Ion Ratio Lower Upper
50 100
52 33.8 23.7 43.9



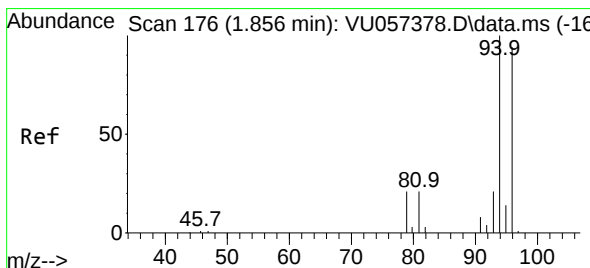
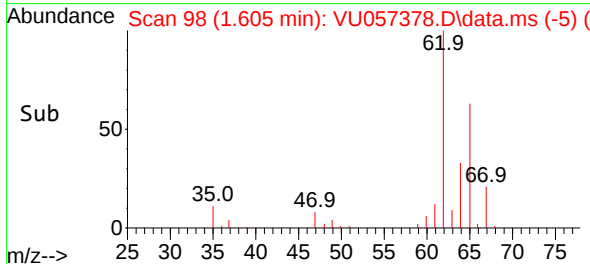
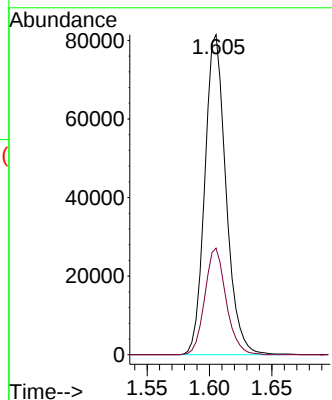


#5
 Vinyl chloride
 Concen: 47.702 ug/L
 RT: 1.605 min Scan# 98
 Delta R.T. 0.000 min
 Lab File: VU057378.D
 Acq: 08 Jan 2024 12:22

Instrument :
 MSVOA_U
 ClientSampleId :

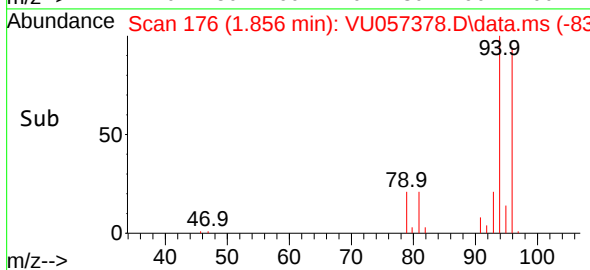
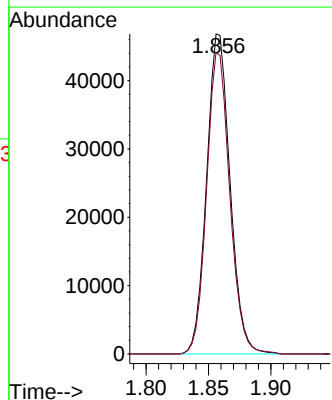
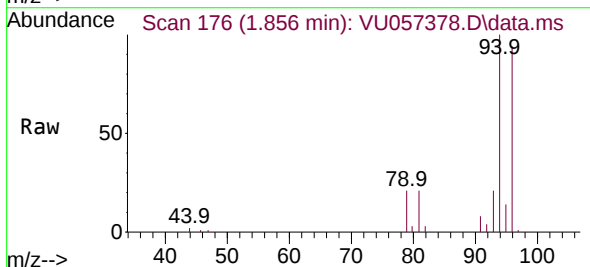


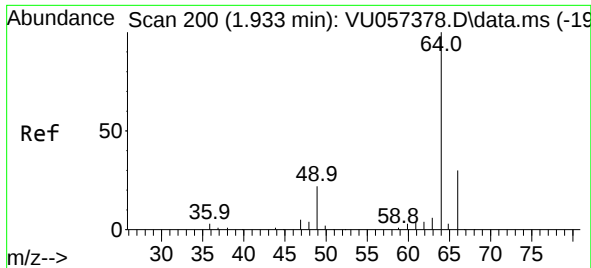
Tgt Ion: 62 Resp: 96606
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.3 43.3



#6
 Bromomethane
 Concen: 45.735 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. 0.000 min
 Lab File: VU057378.D
 Acq: 08 Jan 2024 12:22

Tgt Ion: 94 Resp: 61304
 Ion Ratio Lower Upper
 94 100
 96 94.2 65.9 122.5





#8

Chloroethane

Concen: 47.554 ug/L

RT: 1.933 min Scan# 200

Delta R.T. 0.000 min

Lab File: VU057378.D

Acq: 08 Jan 2024 12:22

Instrument :

MSVOA_U

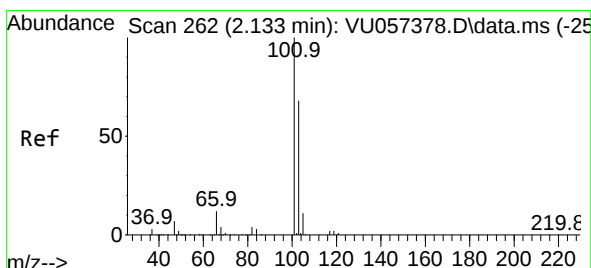
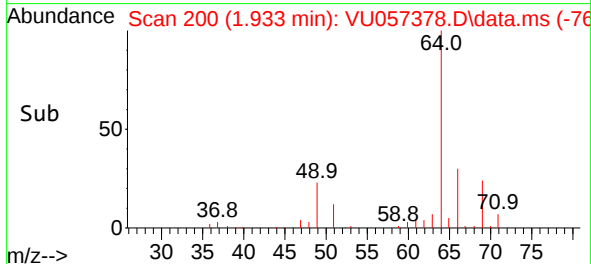
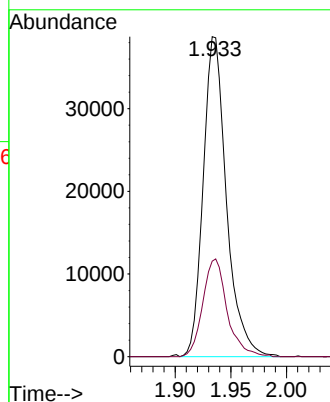
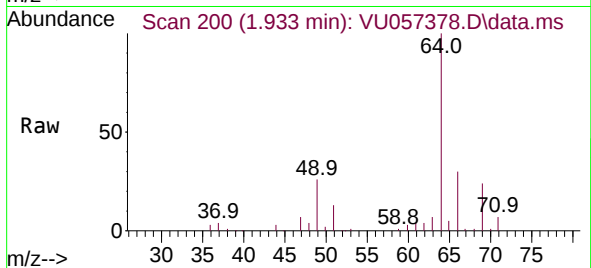
ClientSampleId :

Tgt Ion: 64 Resp: 56332

Ion Ratio Lower Upper

64 100

66 29.9 20.9 38.9



#9

Trichlorofluoromethane

Concen: 47.930 ug/L

RT: 2.133 min Scan# 262

Delta R.T. 0.000 min

Lab File: VU057378.D

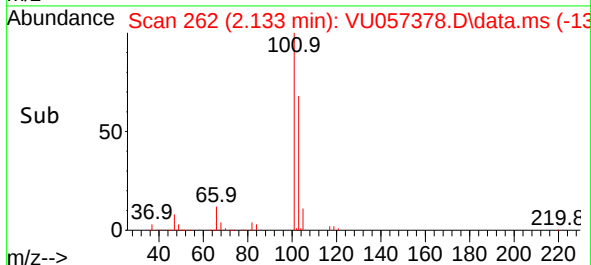
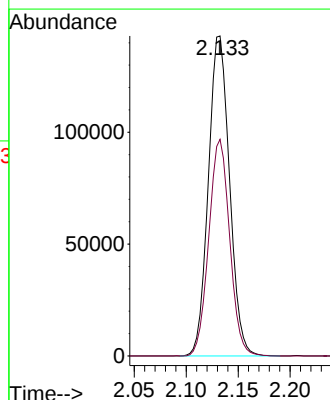
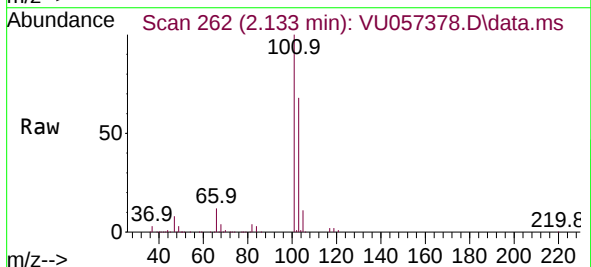
Acq: 08 Jan 2024 12:22

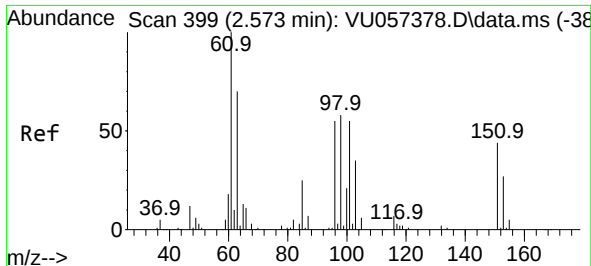
Tgt Ion:101 Resp: 202533

Ion Ratio Lower Upper

101 100

103 66.7 53.4 80.0





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 47.325 ug/L

RT: 2.573 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU057378.D

Acq: 08 Jan 2024 12:22

Instrument :

MSVOA_U

ClientSampleId :

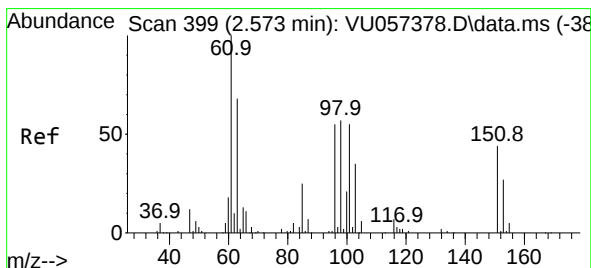
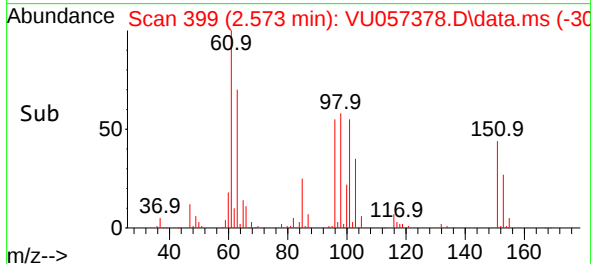
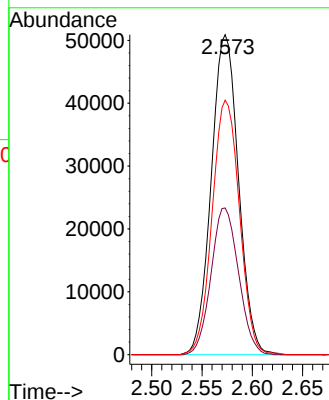
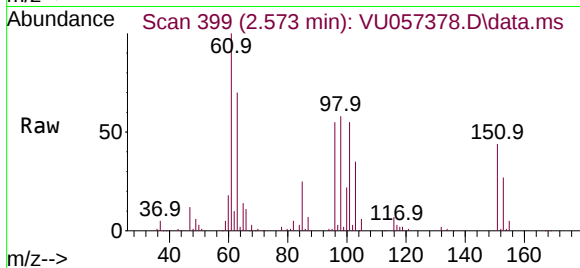
Tgt Ion:101 Resp: 96037

Ion Ratio Lower Upper

101 100

85 46.2 37.0 55.4

151 79.6 63.7 95.5



#12

1,1-Dichloroethene

Concen: 47.379 ug/L

RT: 2.573 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU057378.D

Acq: 08 Jan 2024 12:22

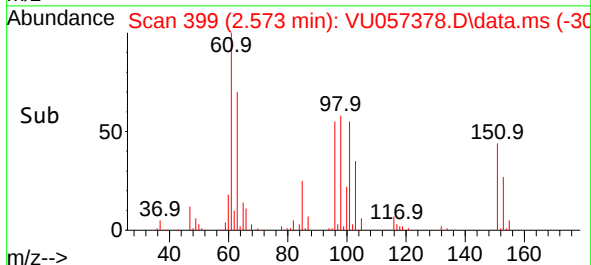
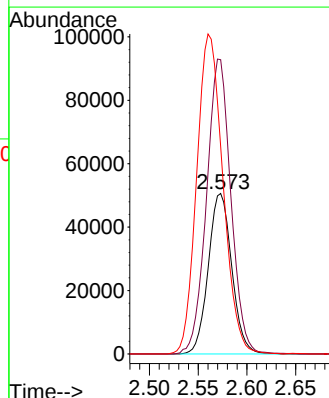
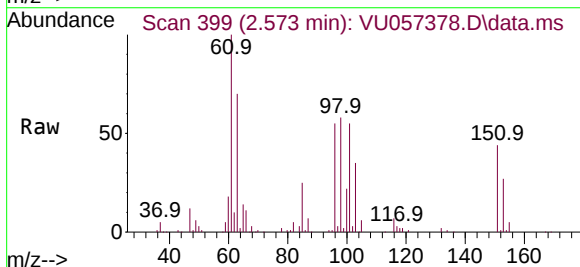
Tgt Ion: 96 Resp: 84837

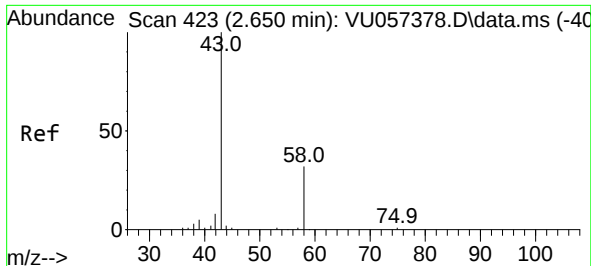
Ion Ratio Lower Upper

96 100

61 183.3 128.3 238.3

63 129.2 90.4 168.0





#13

Acetone

Concen: 93.408 ug/L

RT: 2.650 min Scan# 41

Delta R.T. 0.000 min

Lab File: VU057378.D

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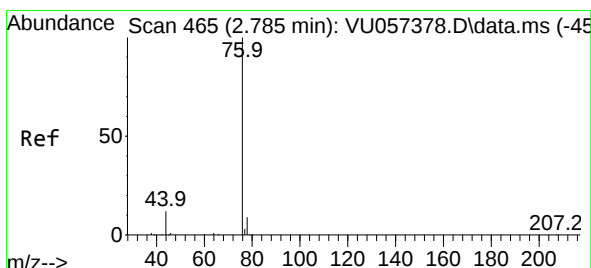
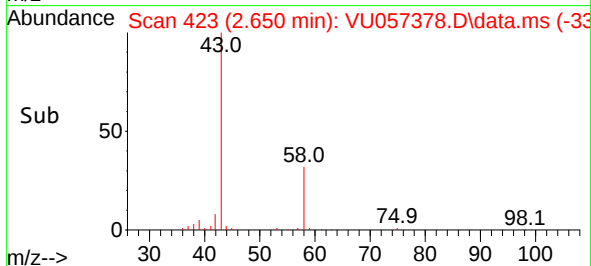
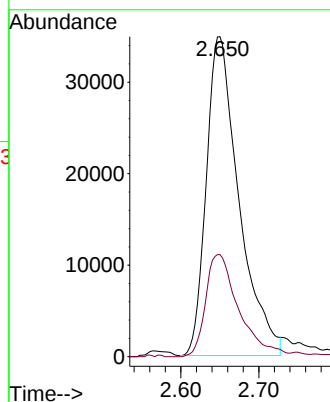
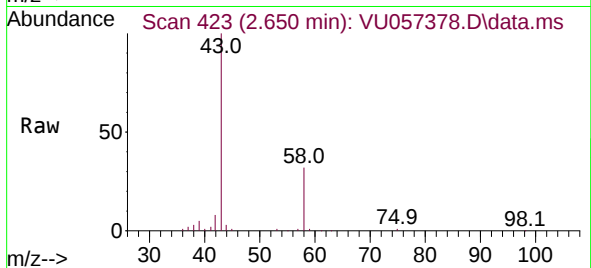
ClientSampleId :

Tgt Ion: 43 Resp: 101510

Ion Ratio Lower Upper

43 100

58 32.6 0.0 65.2



#14

Carbon disulfide

Concen: 47.729 ug/L

RT: 2.785 min Scan# 465

Delta R.T. 0.000 min

Lab File: VU057378.D

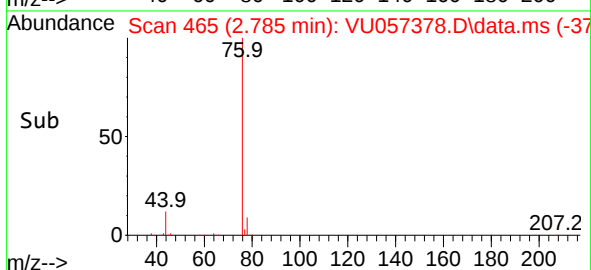
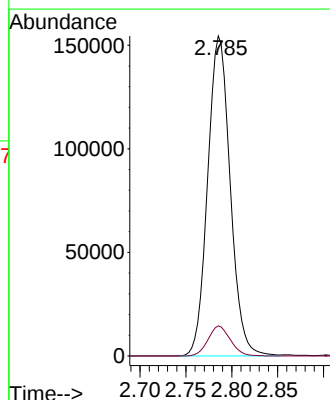
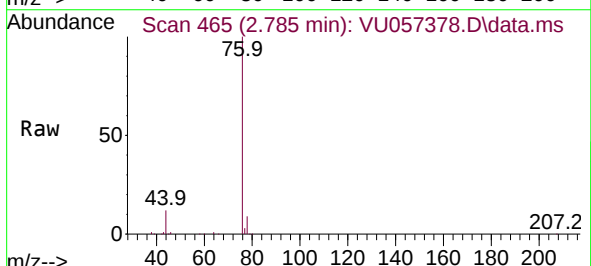
Acq: 08 Jan 2024 12:22

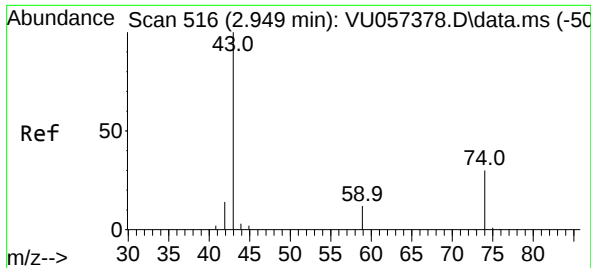
Tgt Ion: 76 Resp: 264705

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3

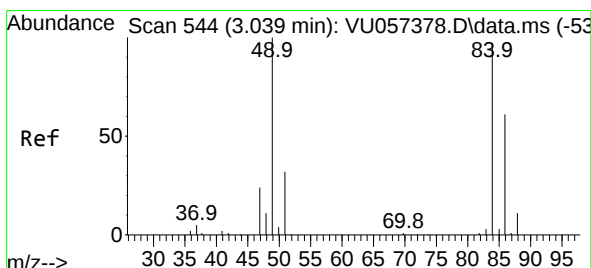
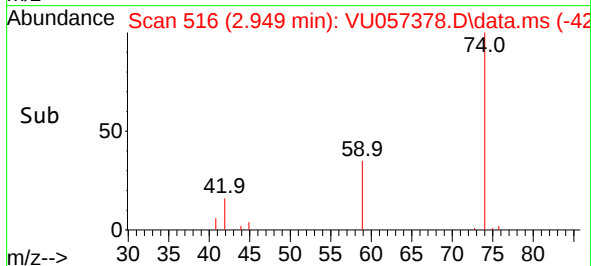
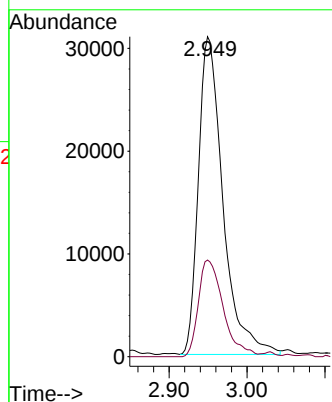
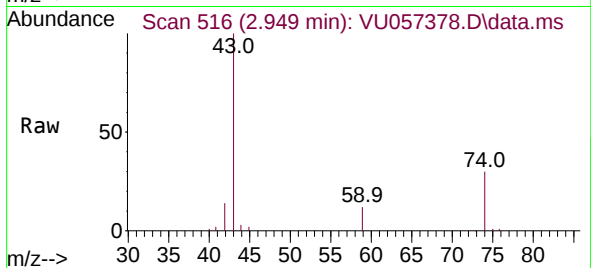




#15
Methyl Acetate
Concen: 48.403 ug/L
RT: 2.949 min Scan# 516
Delta R.T. 0.000 min
Lab File: VU057378.D
Acq: 08 Jan 2024 12:22

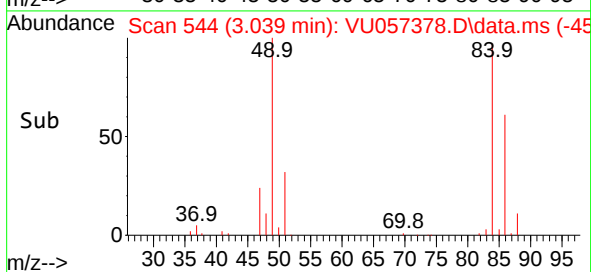
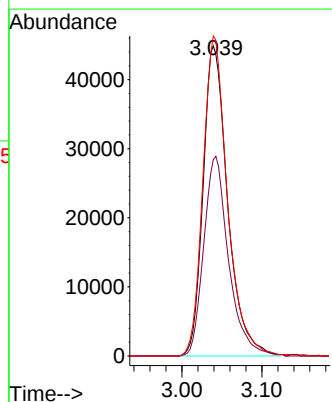
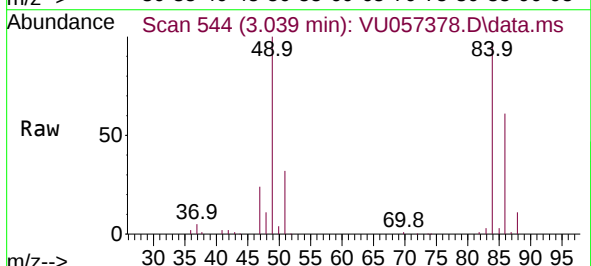
Instrument :
MSVOA_U
ClientSampleId :

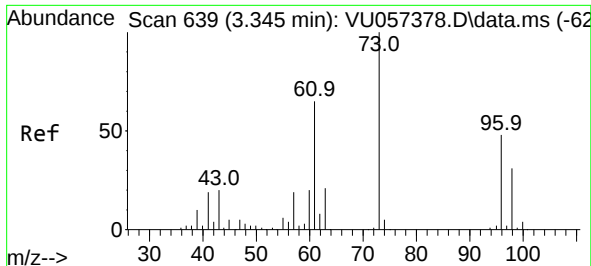
Tgt Ion: 43 Resp: 67769
Ion Ratio Lower Upper
43 100
74 30.7 24.6 36.8



#16
Methylene chloride
Concen: 47.155 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU057378.D
Acq: 08 Jan 2024 12:22

Tgt Ion: 84 Resp: 96002
Ion Ratio Lower Upper
84 100
86 63.3 44.3 82.3
49 103.2 72.2 134.2





#17

trans-1,2-Dichloroethene

Concen: 48.195 ug/L

RT: 3.345 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU057378.D

Acq: 08 Jan 2024 12:22

Instrument :

MSVOA_U

ClientSampleId :

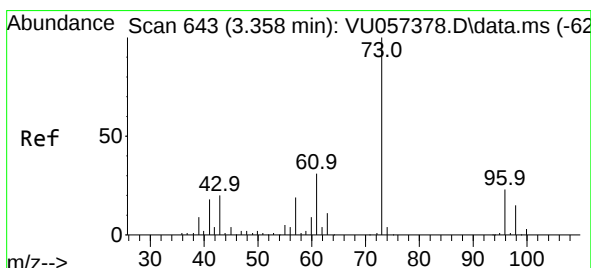
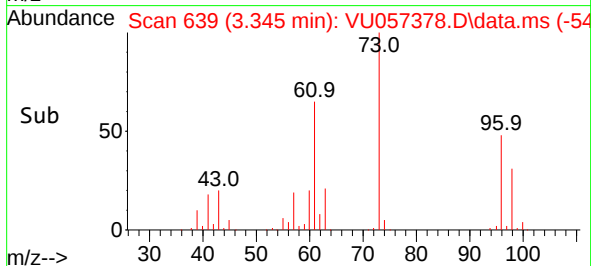
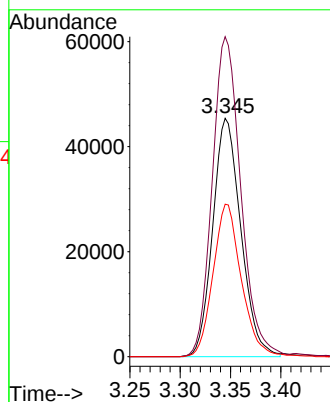
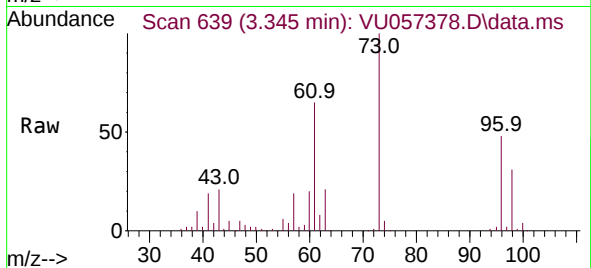
Tgt Ion: 96 Resp: 88286

Ion Ratio Lower Upper

96 100

61 134.2 93.9 174.5

98 64.0 44.8 83.2



#18

Methyl tert-butyl Ether

Concen: 49.281 ug/L

RT: 3.358 min Scan# 643

Delta R.T. 0.000 min

Lab File: VU057378.D

Acq: 08 Jan 2024 12:22

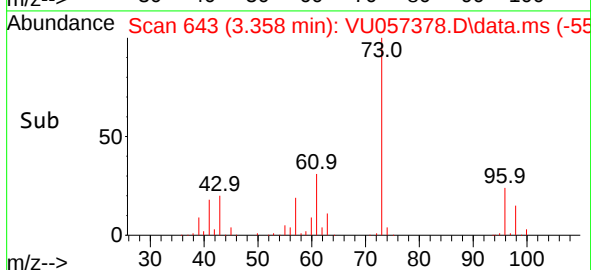
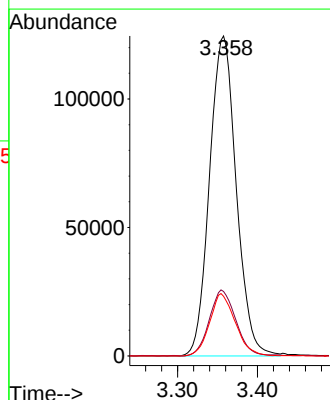
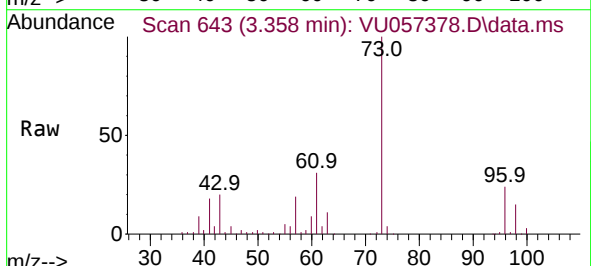
Tgt Ion: 73 Resp: 288960

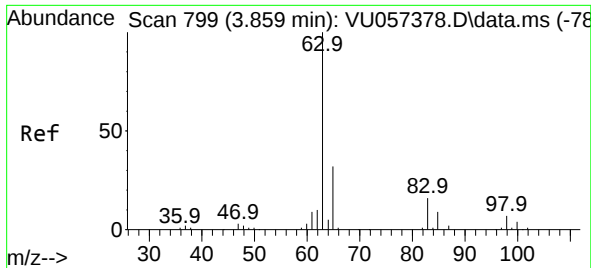
Ion Ratio Lower Upper

73 100

43 20.4 16.3 24.5

57 18.8 15.0 22.6





#19

1,1-Dichloroethane

Concen: 48.449 ug/L

RT: 3.859 min Scan# 799

Delta R.T. 0.000 min

Lab File: VU057378.D

Acq: 08 Jan 2024 12:22

Instrument :

MSVOA_U

ClientSampleId :

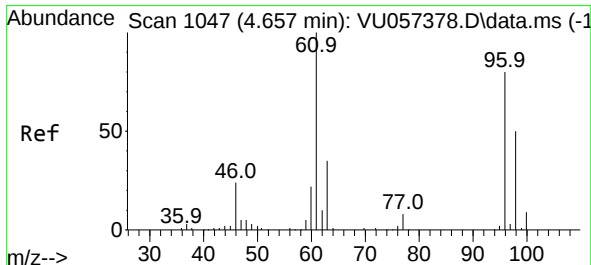
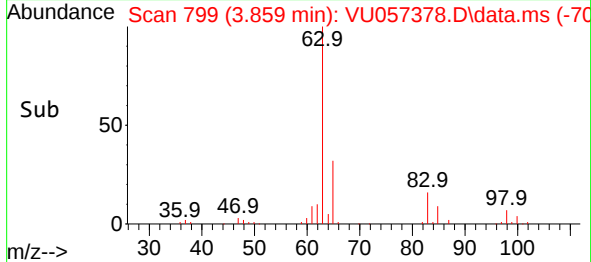
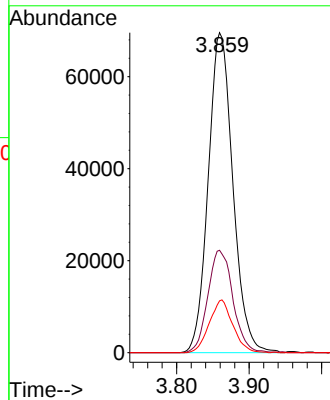
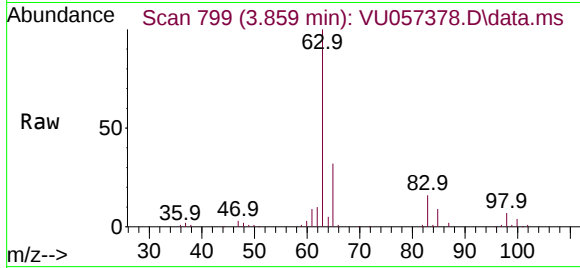
Tgt Ion: 63 Resp: 164304

Ion Ratio Lower Upper

63 100

65 32.0 22.4 41.6

83 16.2 11.3 21.1



#20

cis-1,2-Dichloroethene

Concen: 48.292 ug/L

RT: 4.657 min Scan# 1047

Delta R.T. 0.000 min

Lab File: VU057378.D

Acq: 08 Jan 2024 12:22

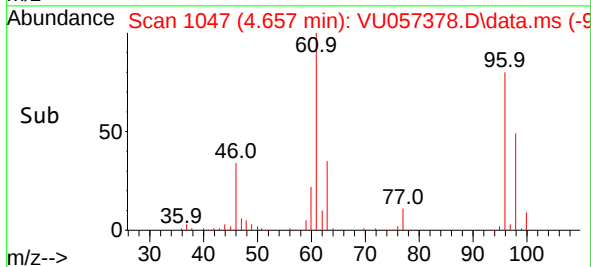
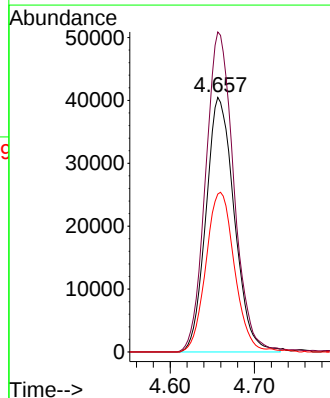
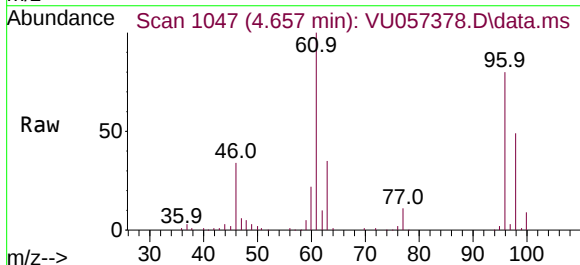
Tgt Ion: 96 Resp: 94630

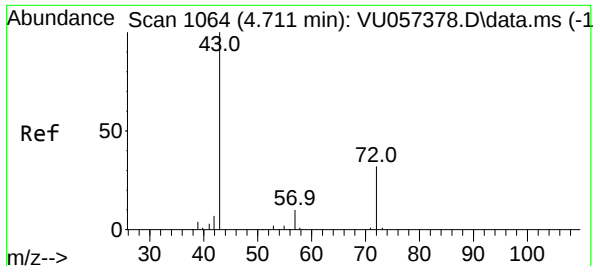
Ion Ratio Lower Upper

96 100

61 125.7 88.0 163.4

98 62.0 43.4 80.6





#22

2-Butanone

Concen: 92.547 ug/L

RT: 4.711 min Scan# 1064

Delta R.T. 0.000 min

Lab File: VU057378.D

Acq: 08 Jan 2024 12:22

Instrument :

MSVOA_U

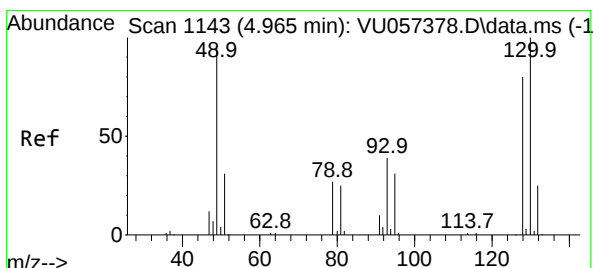
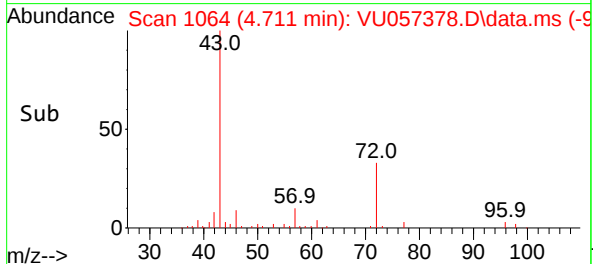
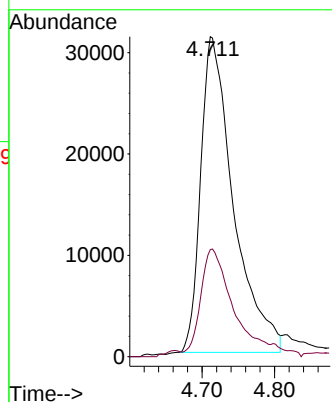
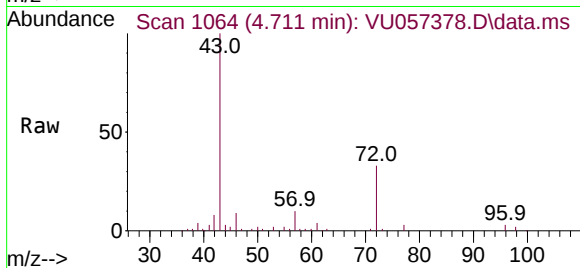
ClientSampleId :

Tgt Ion: 43 Resp: 97870

Ion Ratio Lower Upper

43 100

72 30.4 15.2 45.6



#23

Bromochloromethane

Concen: 47.660 ug/L

RT: 4.965 min Scan# 1143

Delta R.T. 0.000 min

Lab File: VU057378.D

Acq: 08 Jan 2024 12:22

Tgt Ion: 128 Resp: 53609

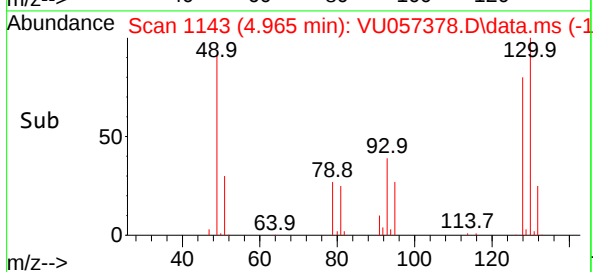
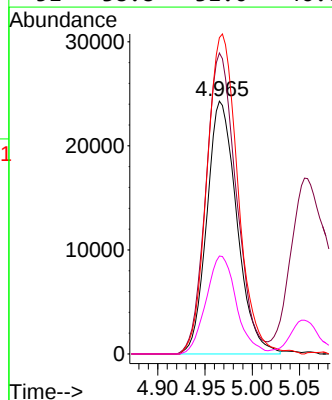
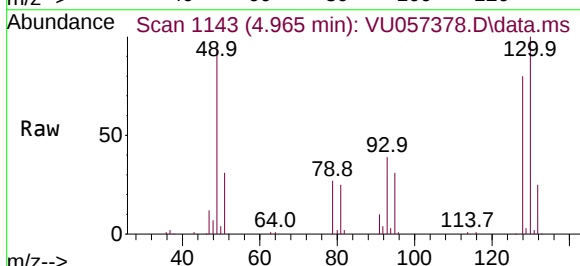
Ion Ratio Lower Upper

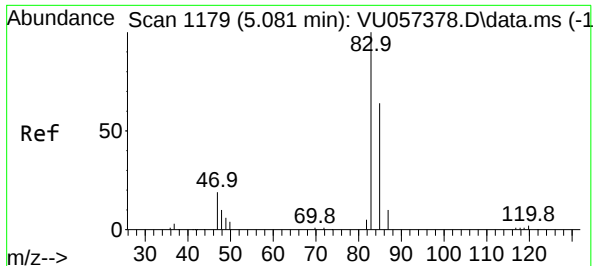
128 100

49 119.1 83.4 154.8

130 125.1 87.6 162.6

51 38.8 31.0 46.6





#25

Chloroform

Concen: 47.960 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VU057378.D

Acq: 08 Jan 2024 12:22

Instrument :

MSVOA_U

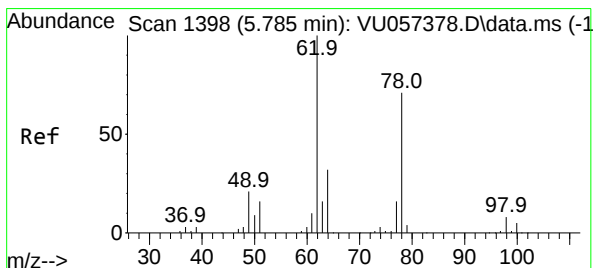
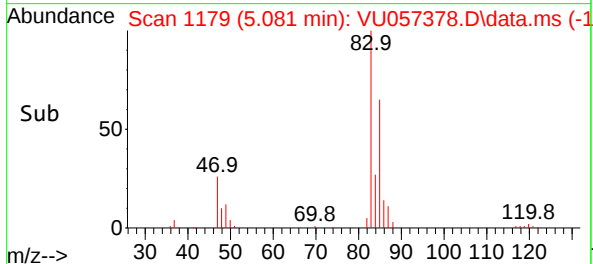
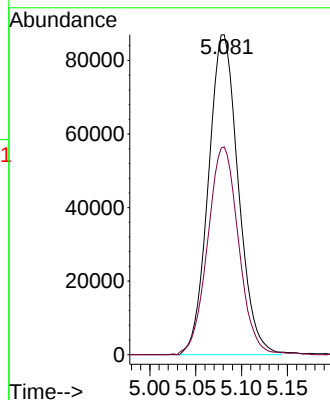
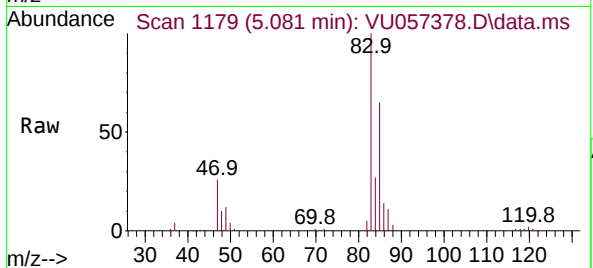
ClientSampleId :

Tgt Ion: 83 Resp: 197392

Ion Ratio Lower Upper

83 100

85 65.0 45.5 84.5



#27

1,2-Dichloroethane

Concen: 49.634 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VU057378.D

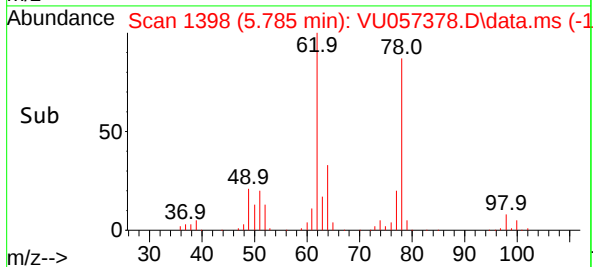
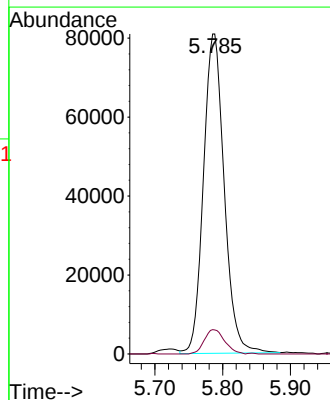
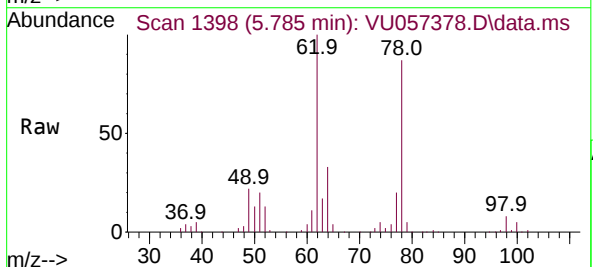
Acq: 08 Jan 2024 12:22

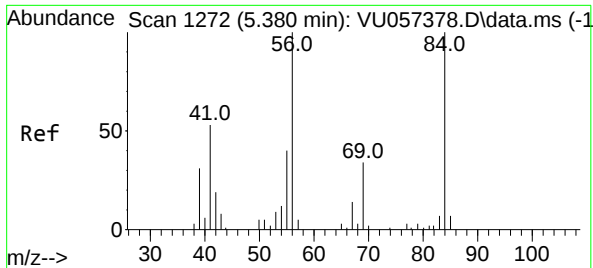
Tgt Ion: 62 Resp: 172076

Ion Ratio Lower Upper

62 100

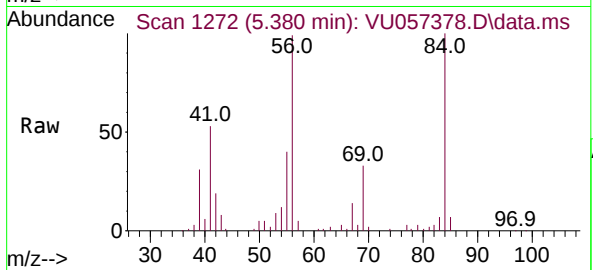
98 7.6 6.1 9.1



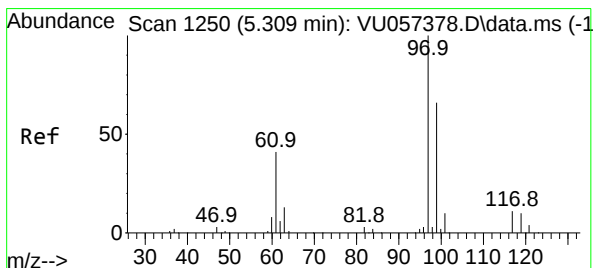
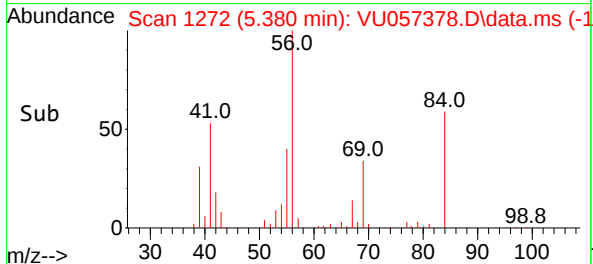
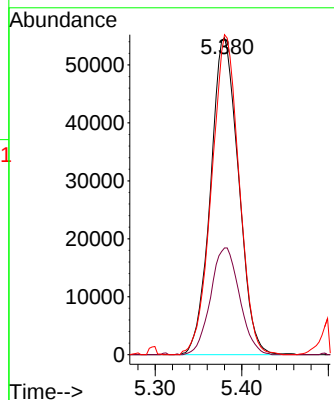


#29
Cyclohexane
Concen: 48.163 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU057378.D
Acq: 08 Jan 2024 12:22

Instrument :
MSVOA_U
ClientSampleId :

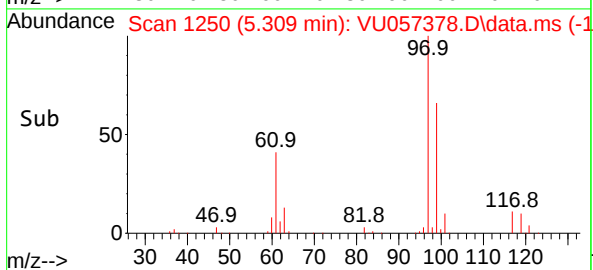
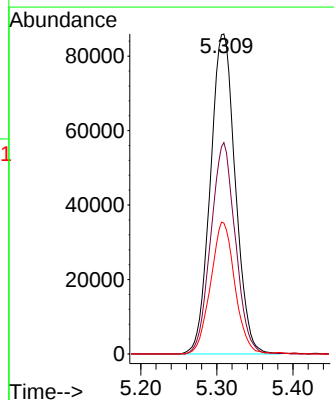
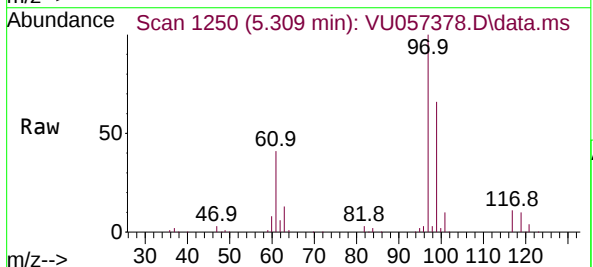


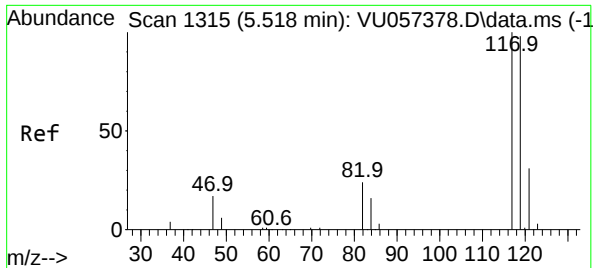
Tgt Ion:	56	Resp:	122566
Ion	Ratio	Lower	Upper
56	100		
69	34.8	27.8	41.8
84	99.1	79.3	118.9



#30
1,1,1-Trichloroethane
Concen: 47.309 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. 0.000 min
Lab File: VU057378.D
Acq: 08 Jan 2024 12:22

Tgt Ion:	97	Resp:	195785
Ion	Ratio	Lower	Upper
97	100		
99	65.1	52.1	78.1
61	39.9	31.9	47.9

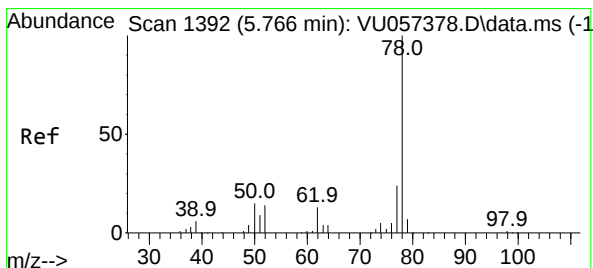
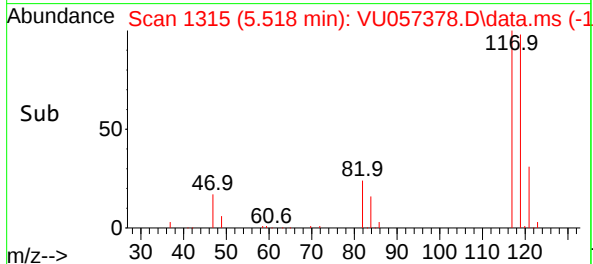
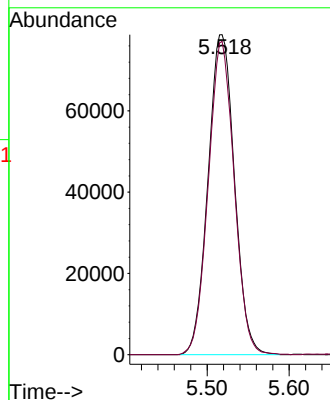
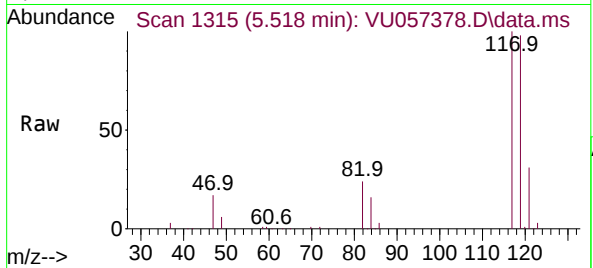




#31
Carbon tetrachloride
Concen: 48.109 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU057378.D
Acq: 08 Jan 2024 12:22

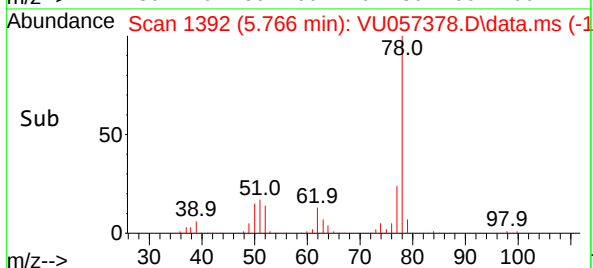
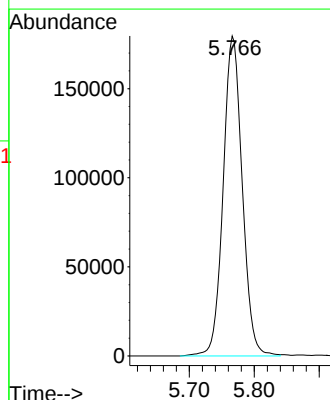
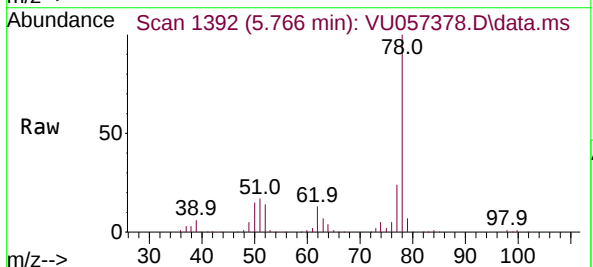
Instrument :
MSVOA_U
ClientSampleId :

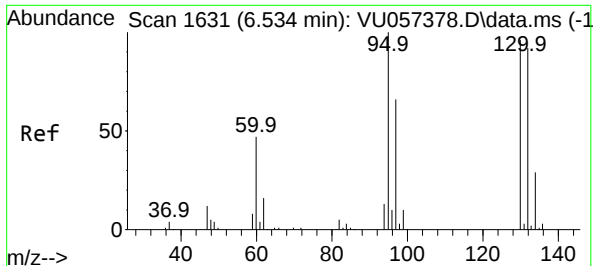
Tgt Ion:117 Resp: 176584
Ion Ratio Lower Upper
117 100
119 95.6 76.5 114.7



#33
Benzene
Concen: 48.378 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU057378.D
Acq: 08 Jan 2024 12:22

Tgt Ion: 78 Resp: 365688





#34

Trichloroethene

Concen: 46.516 ug/L

RT: 6.534 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU057378.D

Acq: 08 Jan 2024 12:22

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 102657

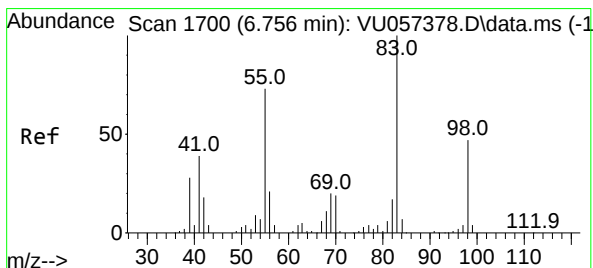
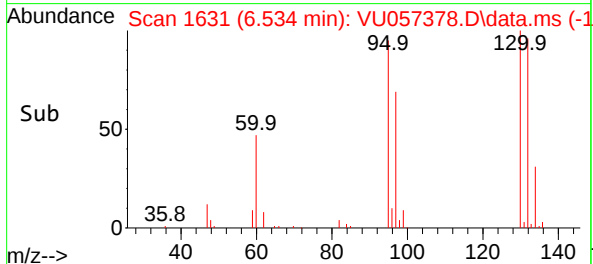
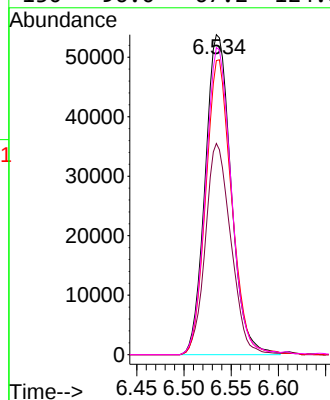
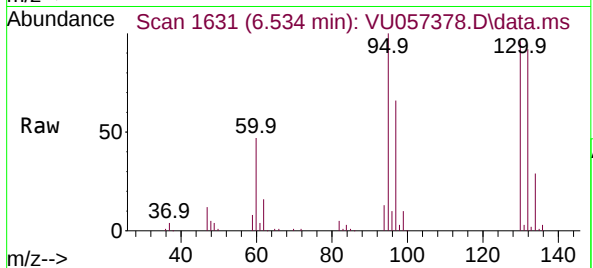
Ion Ratio Lower Upper

95 100

97 66.0 46.2 85.8

132 91.9 64.3 119.5

130 96.0 67.2 124.8



#35

Methylcyclohexane

Concen: 49.106 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VU057378.D

Acq: 08 Jan 2024 12:22

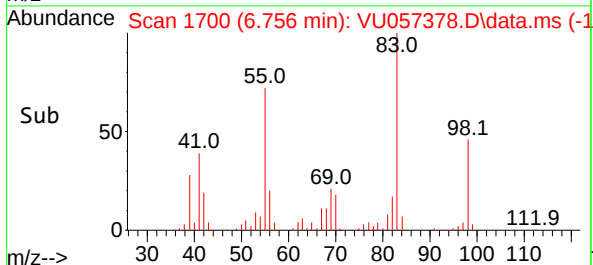
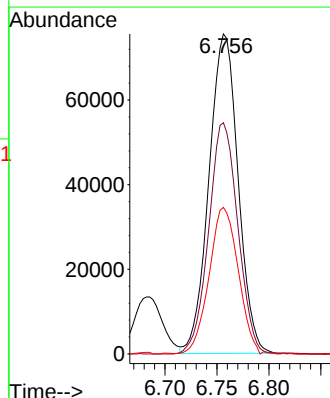
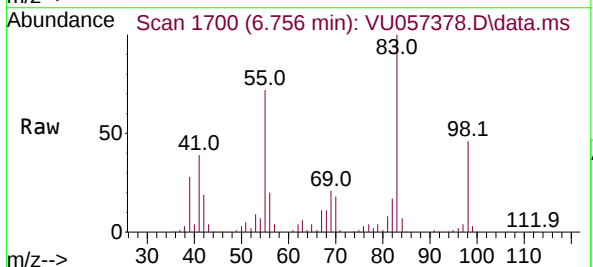
Tgt Ion: 83 Resp: 147443

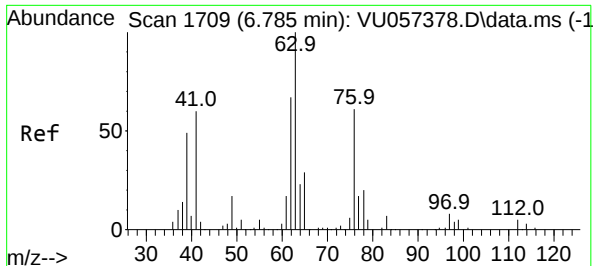
Ion Ratio Lower Upper

83 100

55 72.5 58.0 87.0

98 45.8 36.6 55.0

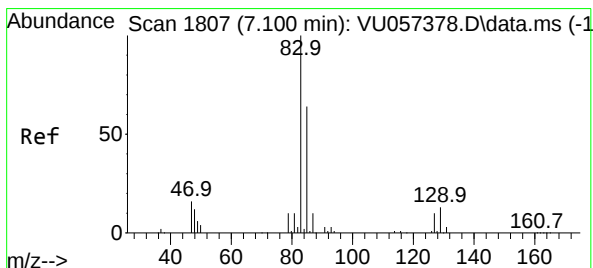
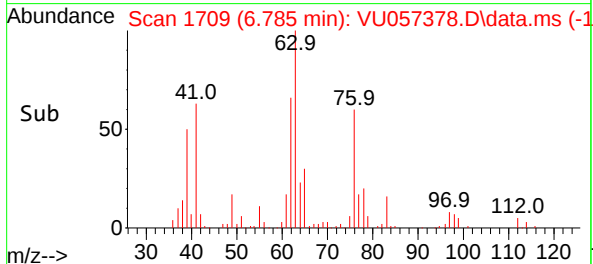
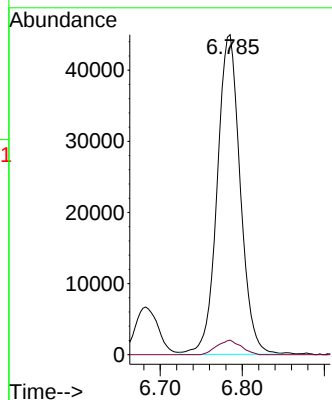
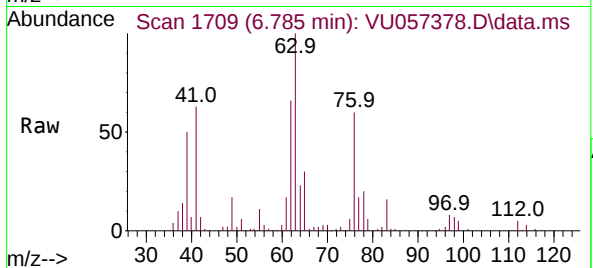




#37
1,2-Dichloropropane
Concen: 47.108 ug/L
RT: 6.785 min Scan# 1709
Delta R.T. 0.000 min
Lab File: VU057378.D
Acq: 08 Jan 2024 12:22

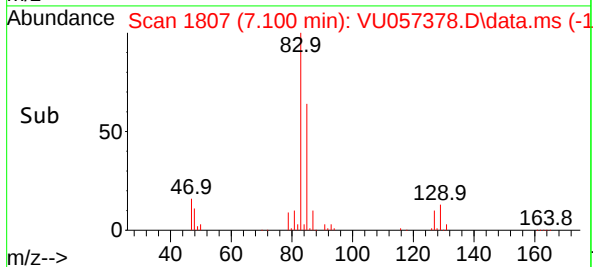
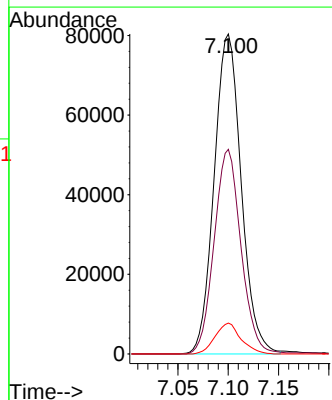
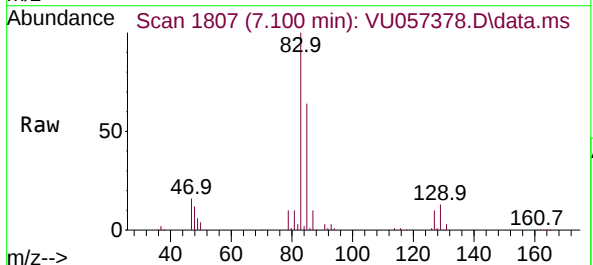
Instrument :
MSVOA_U
ClientSampleId :

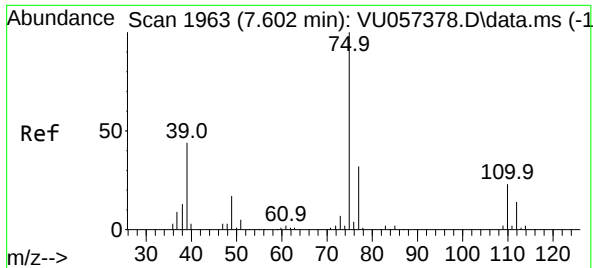
Tgt Ion: 63 Resp: 87872
Ion Ratio Lower Upper
63 100
112 4.8 3.8 5.8



#38
Bromodichloromethane
Concen: 47.706 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VU057378.D
Acq: 08 Jan 2024 12:22

Tgt Ion: 83 Resp: 150747
Ion Ratio Lower Upper
83 100
85 63.9 44.7 83.1
127 9.6 7.7 11.5





#39

cis-1,3-Dichloropropene

Concen: 48.437 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VU057378.D

Acq: 08 Jan 2024 12:22

Instrument :

MSVOA_U

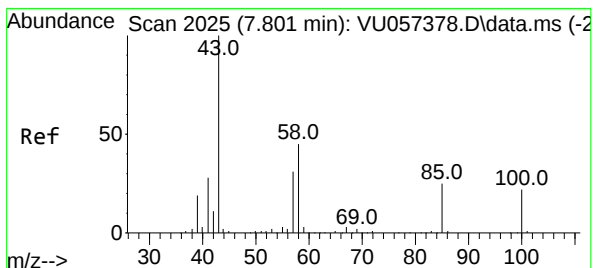
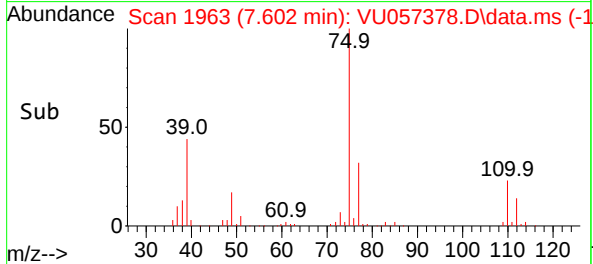
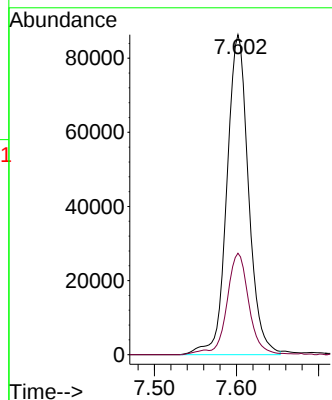
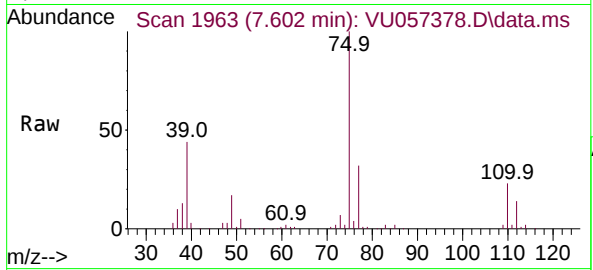
ClientSampleId :

Tgt Ion: 75 Resp: 158212

Ion Ratio Lower Upper

75 100

77 31.7 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 98.472 ug/L

RT: 7.801 min Scan# 2025

Delta R.T. 0.000 min

Lab File: VU057378.D

Acq: 08 Jan 2024 12:22

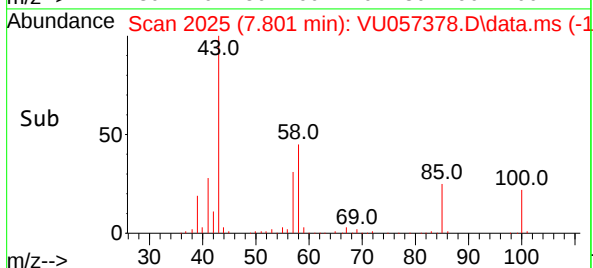
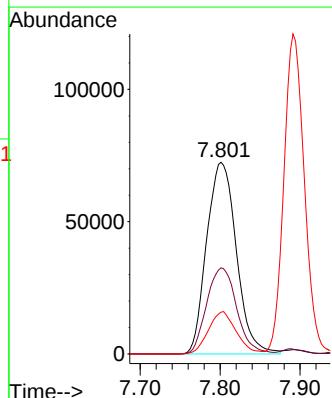
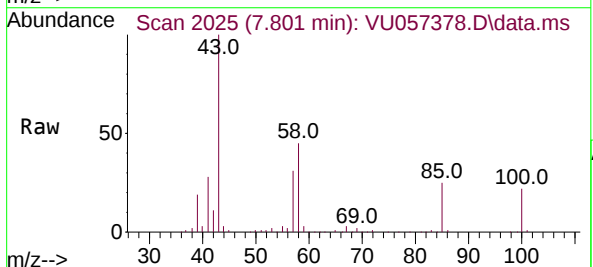
Tgt Ion: 43 Resp: 187157

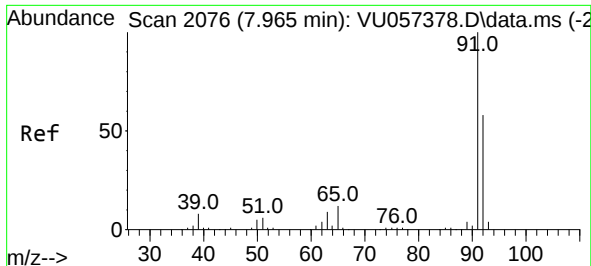
Ion Ratio Lower Upper

43 100

58 45.3 36.2 54.4

100 20.7 16.6 24.8





#42

Toluene

Concen: 49.482 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU057378.D

Acq: 08 Jan 2024 12:22

Instrument :

MSVOA_U

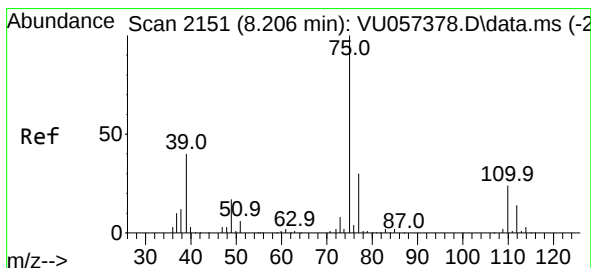
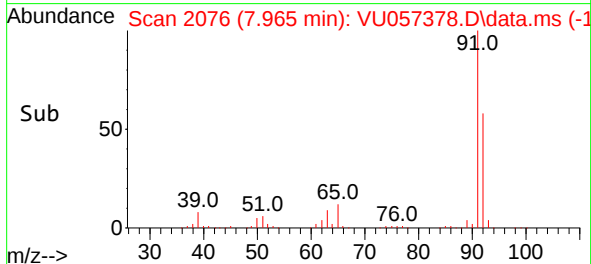
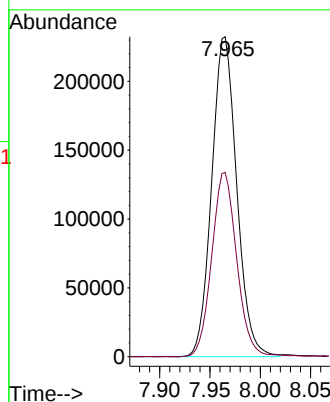
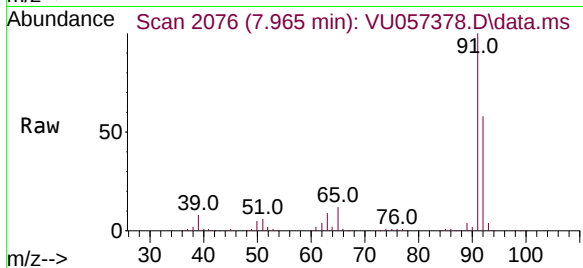
ClientSampleId :

Tgt Ion: 91 Resp: 402201

Ion Ratio Lower Upper

91 100

92 57.6 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 48.941 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU057378.D

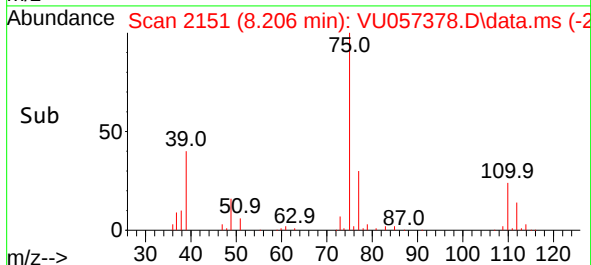
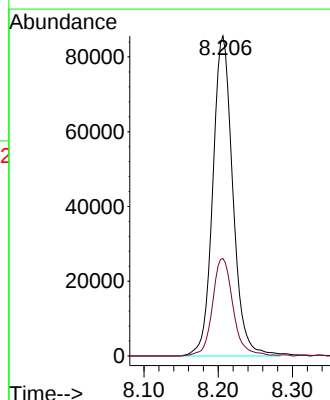
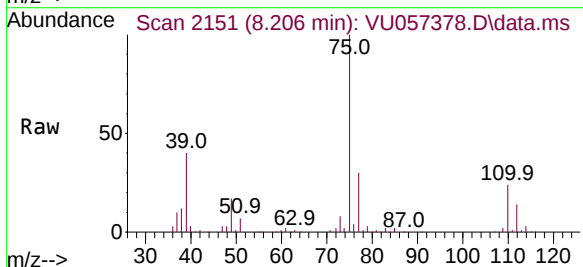
Acq: 08 Jan 2024 12:22

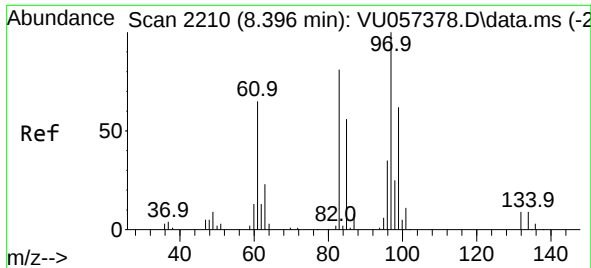
Tgt Ion: 75 Resp: 160491

Ion Ratio Lower Upper

75 100

77 30.4 21.3 39.5

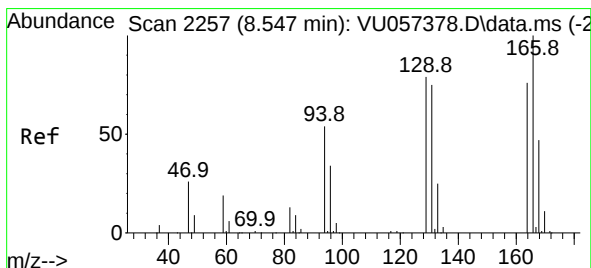
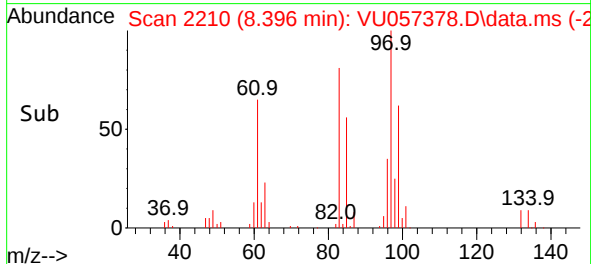
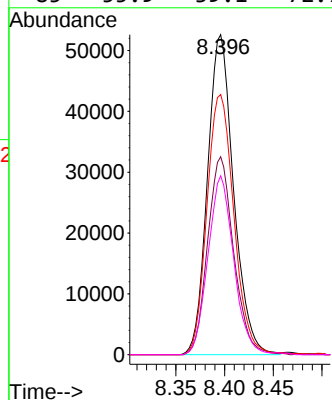
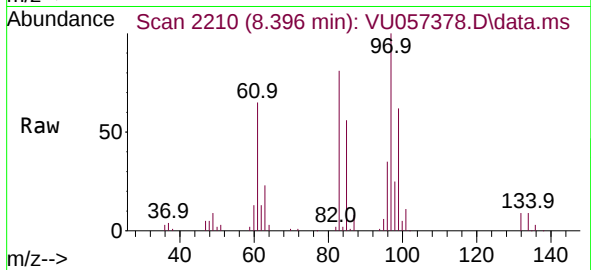




#45
1,1,2-Trichloroethane
Concen: 47.855 ug/L
RT: 8.396 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VU057378.D
Acq: 08 Jan 2024 12:22

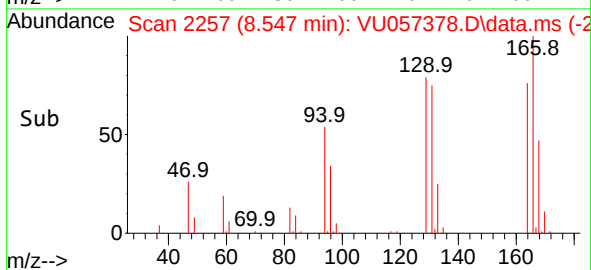
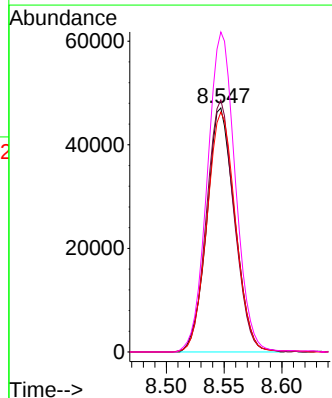
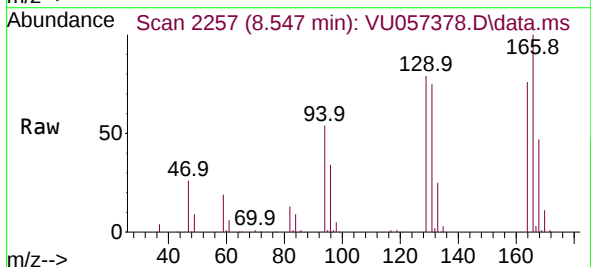
Instrument :
MSVOA_U
ClientSampleId :

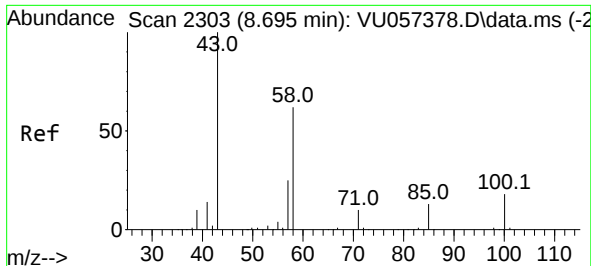
Tgt Ion:	97	Resp:	98220
Ion	Ratio	Lower	Upper
97	100		
99	61.9	43.3	80.5
83	81.3	56.9	105.7
85	55.9	39.1	72.7



#46
Tetrachloroethene
Concen: 47.525 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU057378.D
Acq: 08 Jan 2024 12:22

Tgt Ion:	164	Resp:	79339
Ion	Ratio	Lower	Upper
164	100		
129	103.3	72.3	134.3
131	98.3	68.8	127.8
166	131.1	91.8	170.4

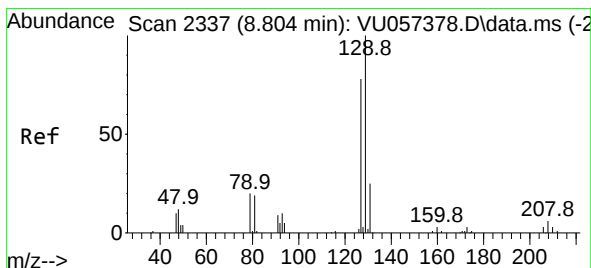
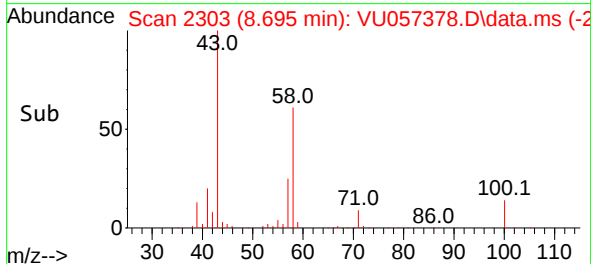
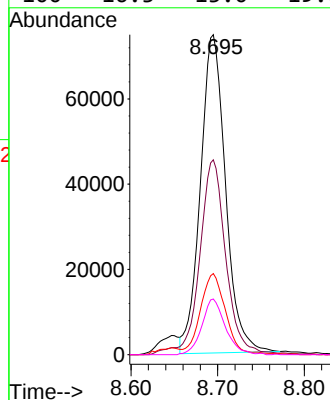
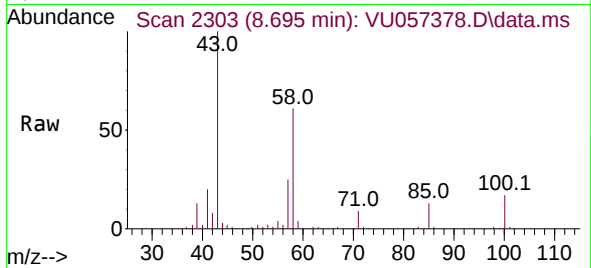




#48
2-Hexanone
Concen: 96.565 ug/L
RT: 8.695 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU057378.D
Acq: 08 Jan 2024 12:22

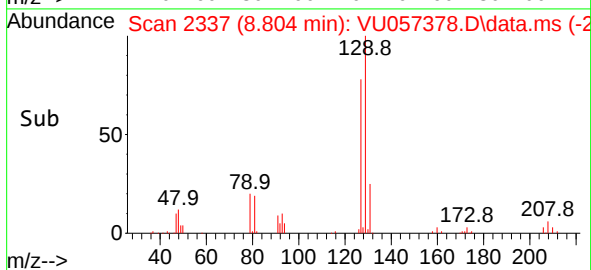
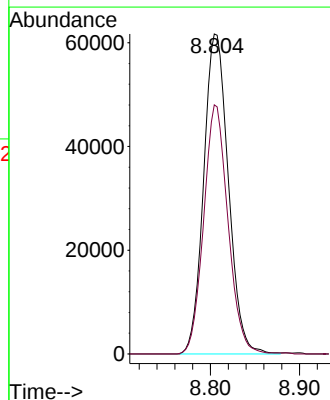
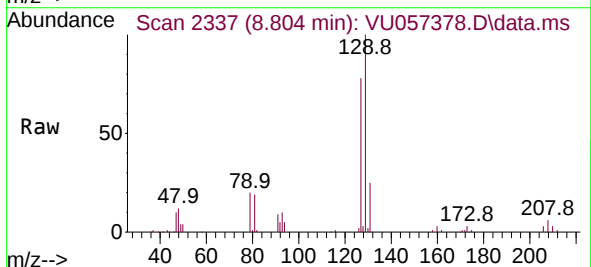
Instrument :
MSVOA_U
ClientSampleId :

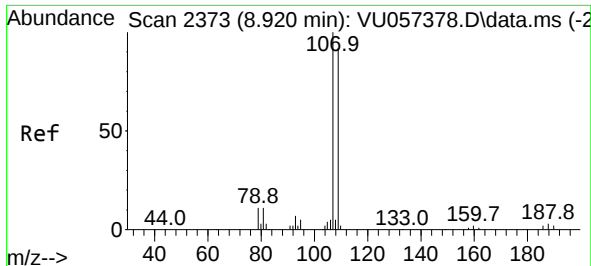
Tgt Ion: 43	Resp: 150484
Ion Ratio	Lower Upper
43 100	
58 61.8	49.4 74.2
57 23.9	19.1 28.7
100 16.3	13.0 19.6



#49
Dibromochloromethane
Concen: 47.509 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU057378.D
Acq: 08 Jan 2024 12:22

Tgt Ion:129	Resp: 118831
Ion Ratio	Lower Upper
129 100	
127 77.8	54.5 101.1

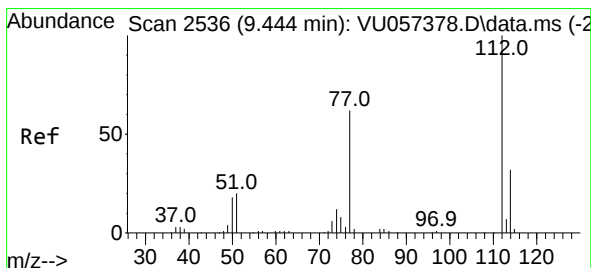
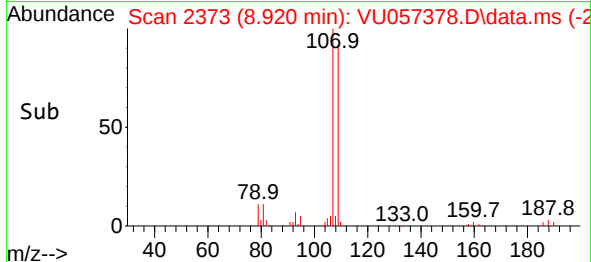
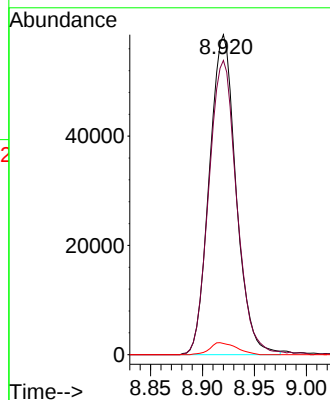
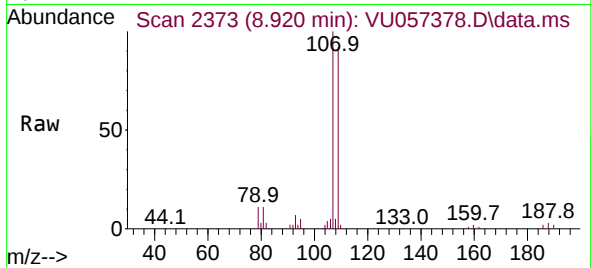




#50
1,2-Dibromoethane
Concen: 48.182 ug/L
RT: 8.920 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU057378.D
Acq: 08 Jan 2024 12:22

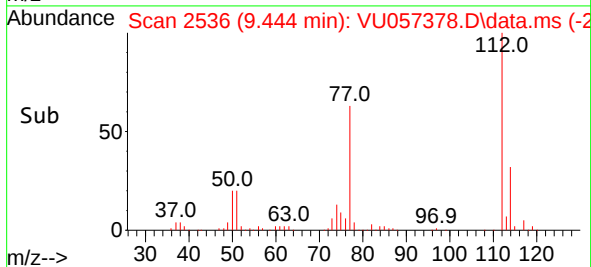
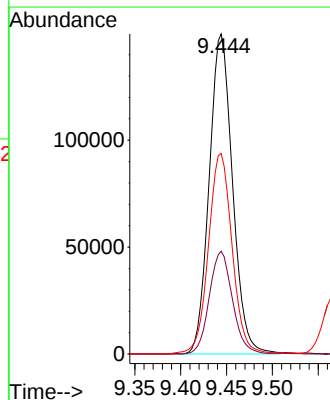
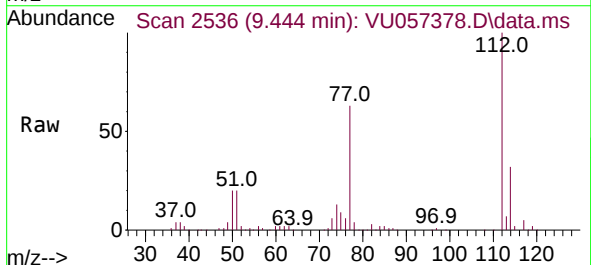
Instrument :
MSVOA_U
ClientSampleId :

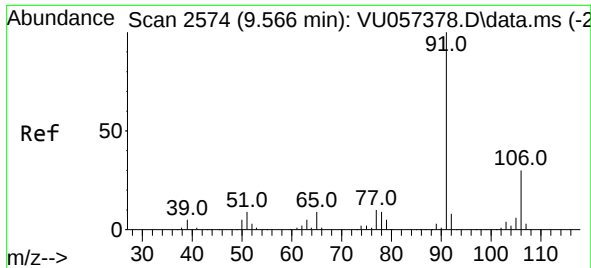
Tgt Ion:107 Resp: 104898
Ion Ratio Lower Upper
107 100
109 92.0 64.4 119.6
188 3.5 2.8 4.2



#51
Chlorobenzene
Concen: 48.465 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.000 min
Lab File: VU057378.D
Acq: 08 Jan 2024 12:22

Tgt Ion:112 Resp: 264692
Ion Ratio Lower Upper
112 100
114 32.1 22.5 41.7
77 62.6 50.1 75.1

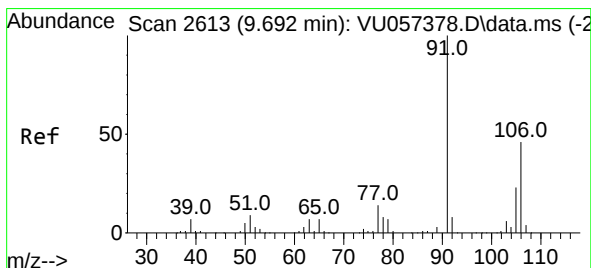
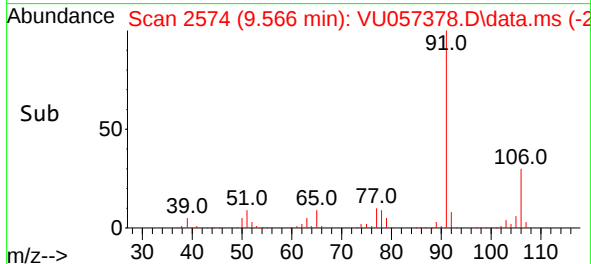
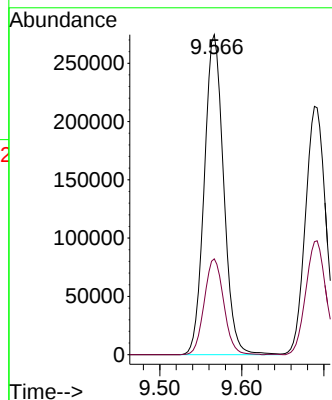
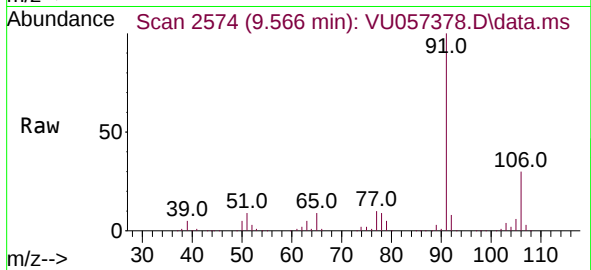




#52
Ethylbenzene
Concen: 49.772 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.000 min
Lab File: VU057378.D
Acq: 08 Jan 2024 12:22

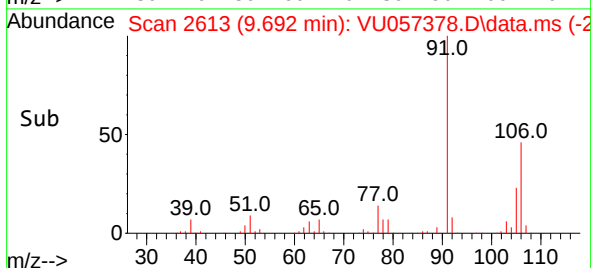
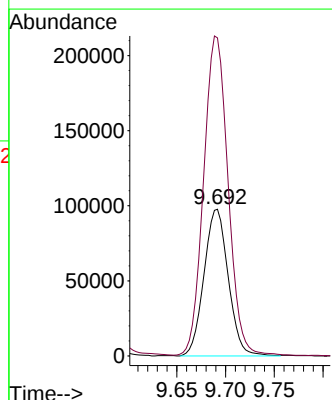
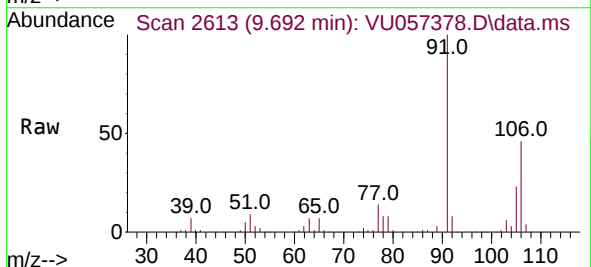
Instrument :
MSVOA_U
ClientSampleId :

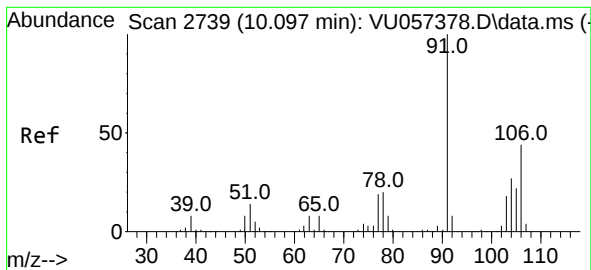
Tgt Ion: 91 Resp: 450495
Ion Ratio Lower Upper
91 100
106 30.0 21.0 39.0



#53
m,p-Xylene
Concen: 50.065 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.000 min
Lab File: VU057378.D
Acq: 08 Jan 2024 12:22

Tgt Ion:106 Resp: 169393
Ion Ratio Lower Upper
106 100
91 216.8 151.8 281.8





#54

o-Xylene

Concen: 50.064 ug/L

RT: 10.097 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU057378.D

Acq: 08 Jan 2024 12:22

Instrument :

MSVOA_U

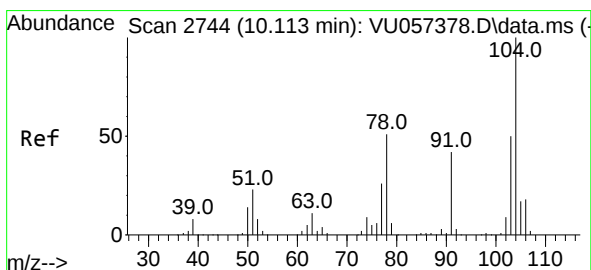
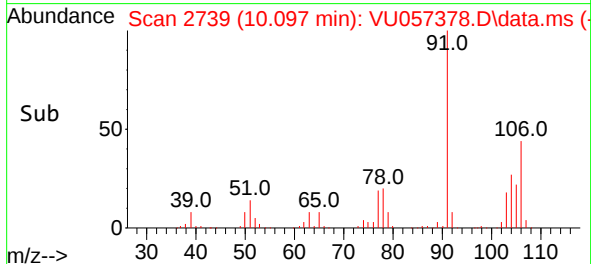
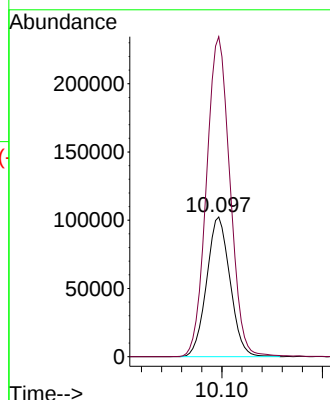
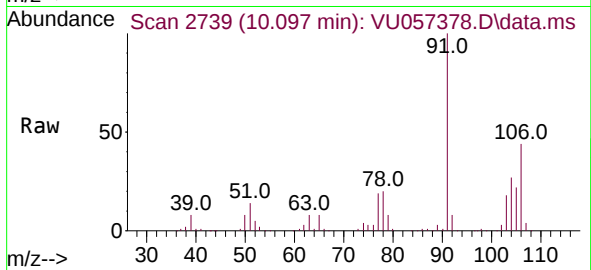
ClientSampleId :

Tgt Ion:106 Resp: 165424

Ion Ratio Lower Upper

106 100

91 229.1 160.4 297.8



#55

Styrene

Concen: 51.119 ug/L

RT: 10.113 min Scan# 2744

Delta R.T. 0.000 min

Lab File: VU057378.D

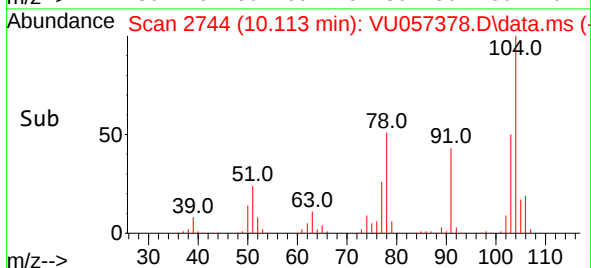
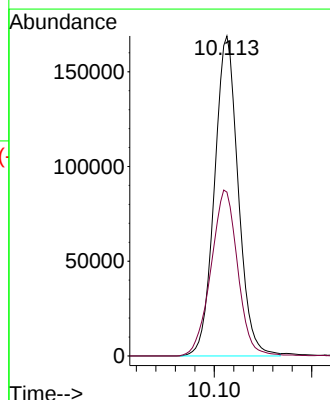
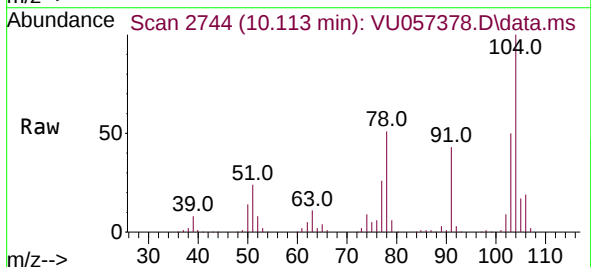
Acq: 08 Jan 2024 12:22

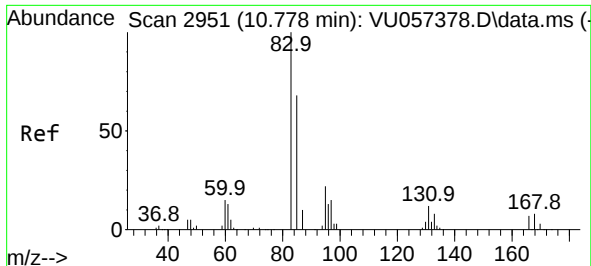
Tgt Ion:104 Resp: 286030

Ion Ratio Lower Upper

104 100

78 51.2 35.8 66.6

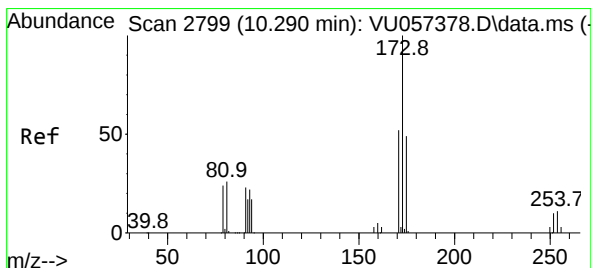
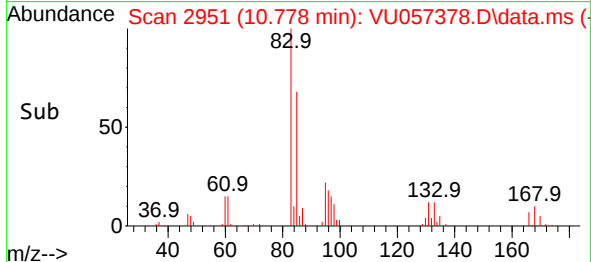
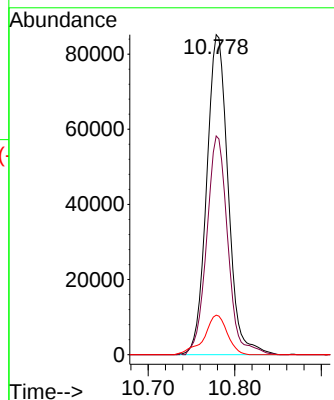
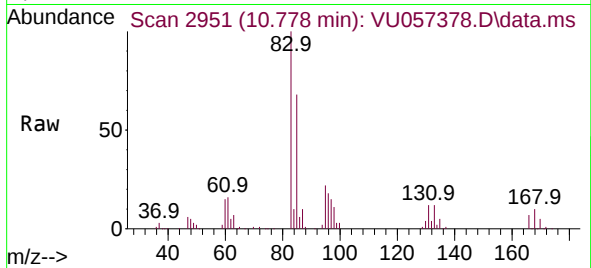




#57
1,1,2,2-Tetrachloroethane
Concen: 47.262 ug/L
RT: 10.778 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU057378.D
Acq: 08 Jan 2024 12:22

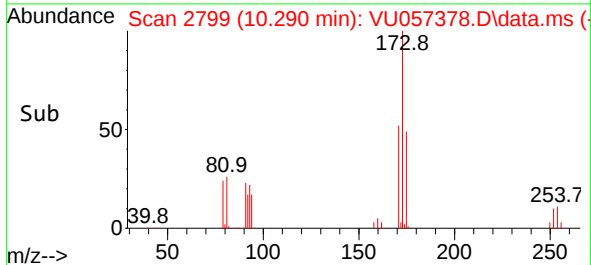
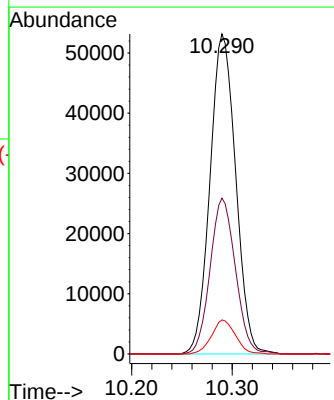
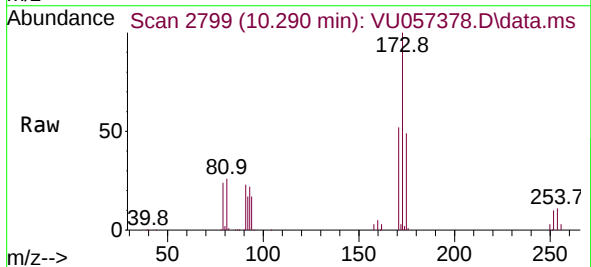
Instrument :
MSVOA_U
ClientSampleId :

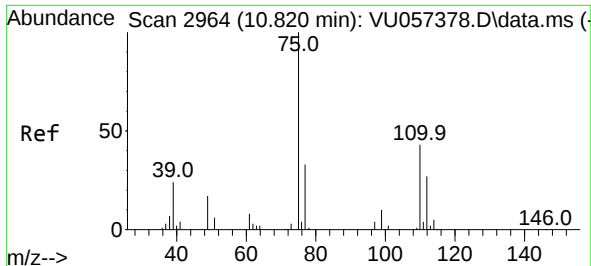
Tgt Ion: 83 Resp: 146265
Ion Ratio Lower Upper
83 100
85 68.4 47.9 88.9
131 12.3 9.8 14.8



#59
Bromoform
Concen: 48.217 ug/L
RT: 10.290 min Scan# 2799
Delta R.T. 0.000 min
Lab File: VU057378.D
Acq: 08 Jan 2024 12:22

Tgt Ion:173 Resp: 94330
Ion Ratio Lower Upper
173 100
175 48.0 38.4 57.6
254 9.9 7.9 11.9

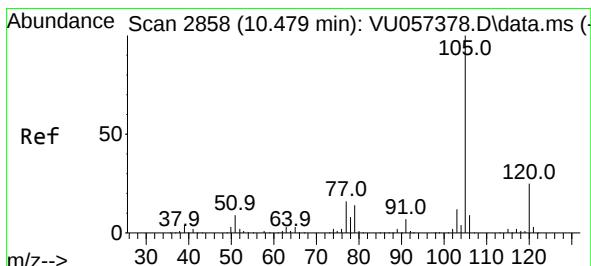
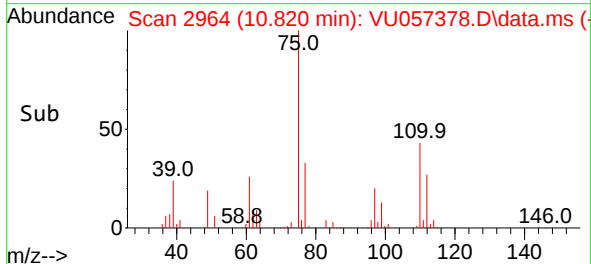
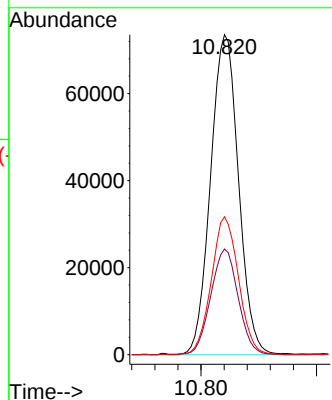
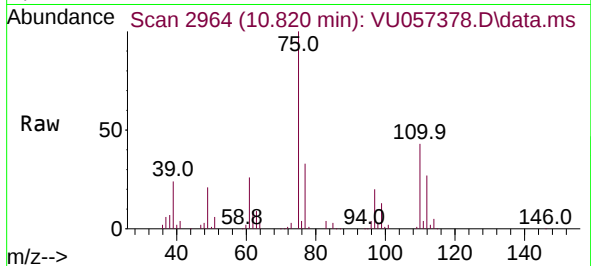




#60
1,2,3-Trichloropropane
Concen: 48.311 ug/L
RT: 10.820 min Scan# 2964
Delta R.T. 0.000 min
Lab File: VU057378.D
Acq: 08 Jan 2024 12:22

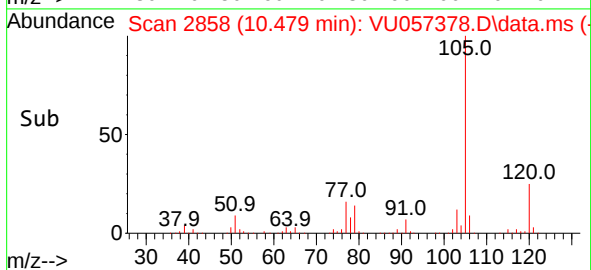
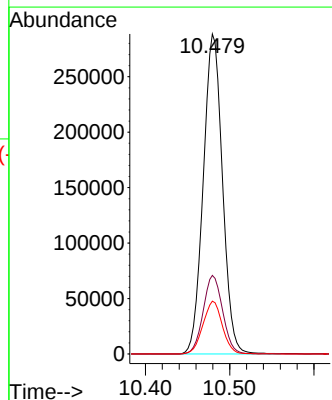
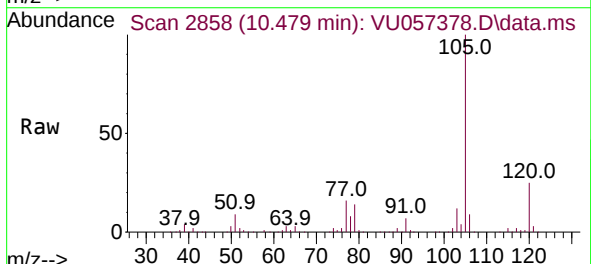
Instrument :
MSVOA_U
ClientSampleId :

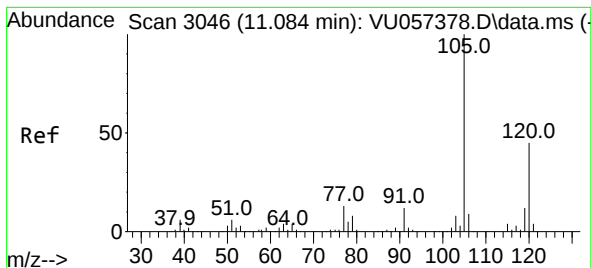
Tgt Ion:	75	Resp:	123468
Ion	Ratio	Lower	Upper
75	100		
77	32.5	26.0	39.0
110	42.0	33.6	50.4



#61
Isopropylbenzene
Concen: 51.848 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VU057378.D
Acq: 08 Jan 2024 12:22

Tgt Ion:	105	Resp:	458136
Ion	Ratio	Lower	Upper
105	100		
120	24.9	19.9	29.9
77	16.6	13.3	19.9





#62

1,3,5-Trimethylbenzene

Concen: 51.450 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. 0.000 min

Lab File: VU057378.D

Acq: 08 Jan 2024 12:22

Instrument :

MSVOA_U

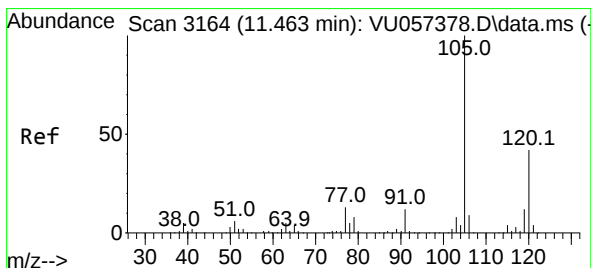
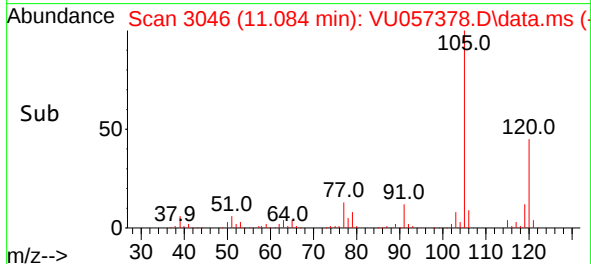
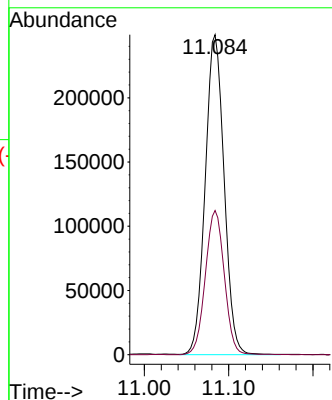
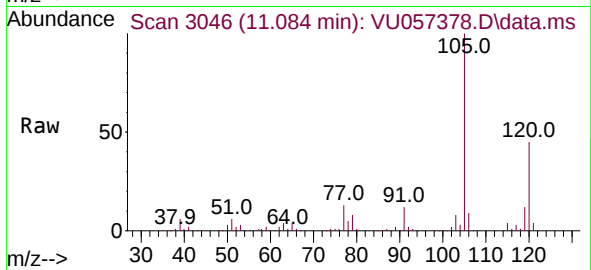
ClientSampleId :

Tgt Ion:105 Resp: 388795

Ion Ratio Lower Upper

105 100

120 45.1 36.1 54.1



#63

1,2,4-Trimethylbenzene

Concen: 52.648 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.000 min

Lab File: VU057378.D

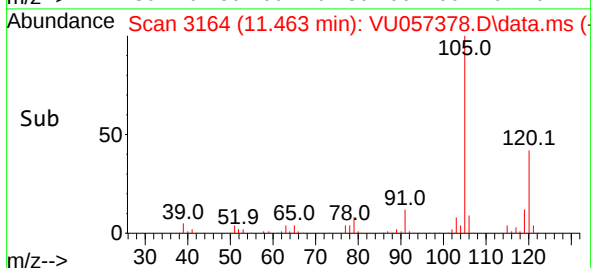
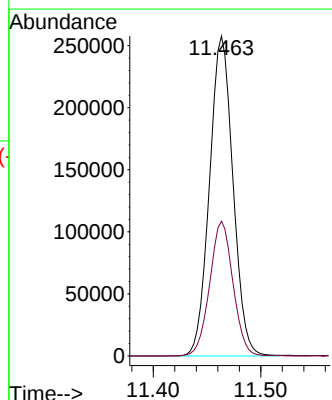
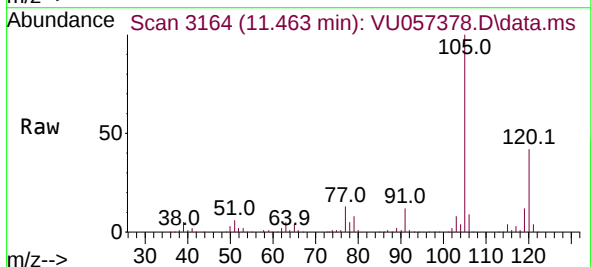
Acq: 08 Jan 2024 12:22

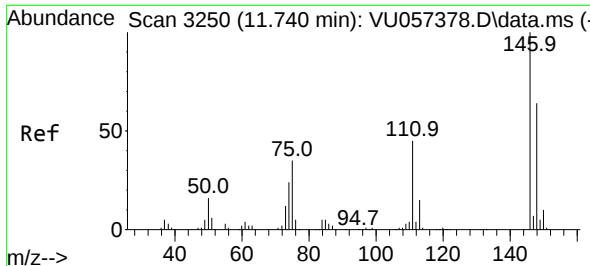
Tgt Ion:105 Resp: 390554

Ion Ratio Lower Upper

105 100

120 41.8 33.4 50.2

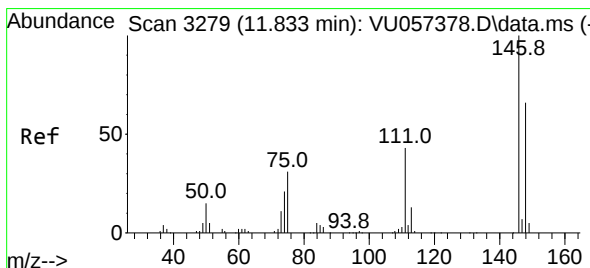
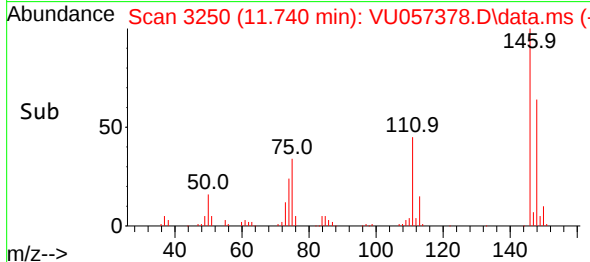
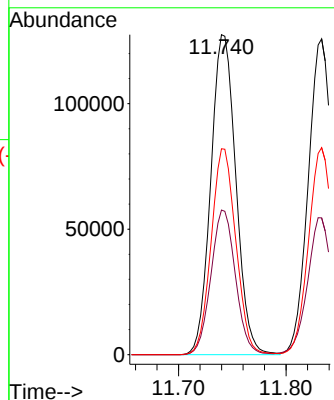
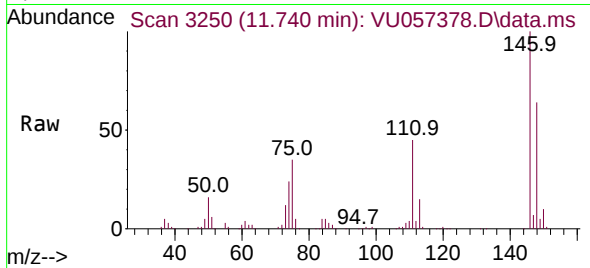




#64
1,3-Dichlorobenzene
Concen: 49.629 ug/L
RT: 11.740 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU057378.D
Acq: 08 Jan 2024 12:22

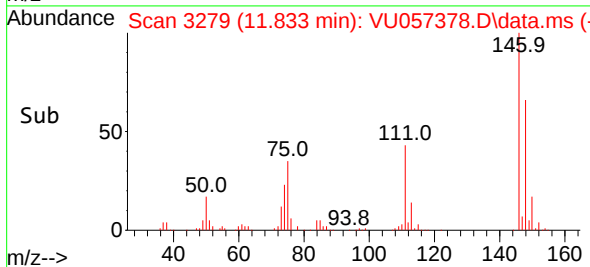
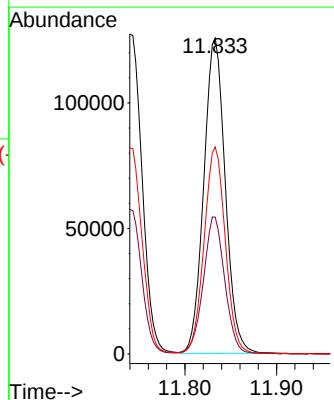
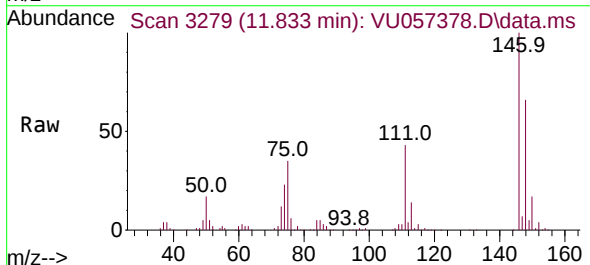
Instrument :
MSVOA_U
ClientSampleId :

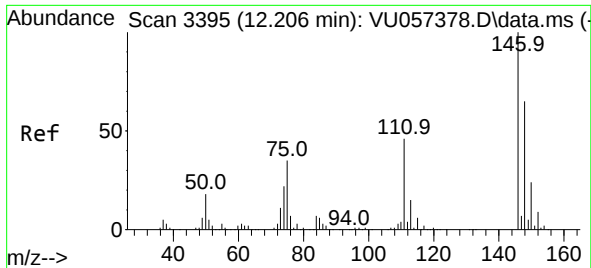
Tgt Ion:146 Resp: 206666
Ion Ratio Lower Upper
146 100
111 45.2 31.6 58.8
148 64.3 45.0 83.6



#65
1,4-Dichlorobenzene
Concen: 47.944 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU057378.D
Acq: 08 Jan 2024 12:22

Tgt Ion:146 Resp: 204941
Ion Ratio Lower Upper
146 100
111 43.3 30.3 56.3
148 65.6 45.9 85.3





#67

1,2-Dichlorobenzene

Concen: 48.892 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU057378.D

Acq: 08 Jan 2024 12:22

Instrument :

MSVOA_U

ClientSampleId :

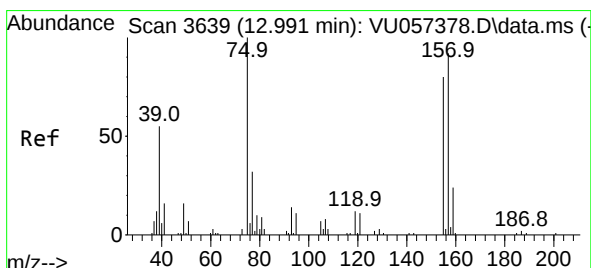
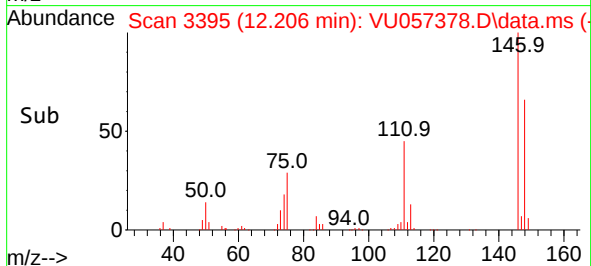
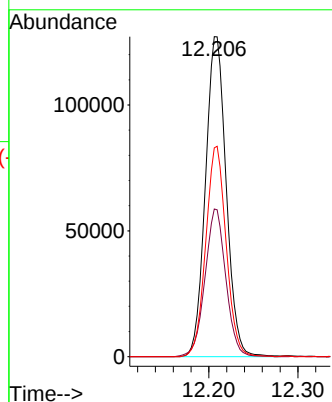
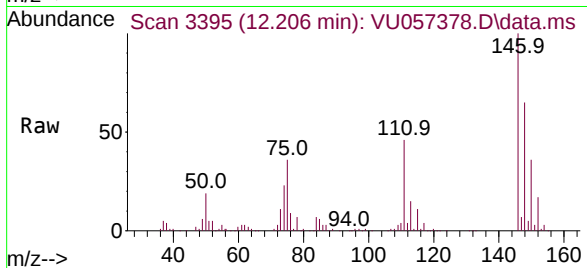
Tgt Ion:146 Resp: 205212

Ion Ratio Lower Upper

146 100

111 46.1 36.9 55.3

148 65.2 52.2 78.2



#68

1,2-Dibromo-3-chloropropane

Concen: 46.798 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU057378.D

Acq: 08 Jan 2024 12:22

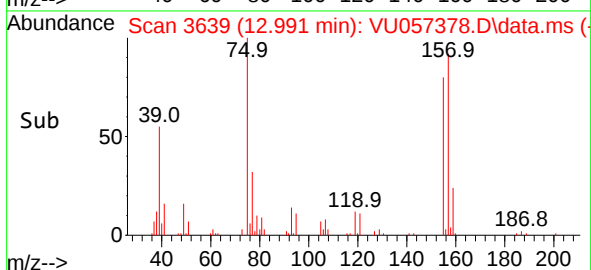
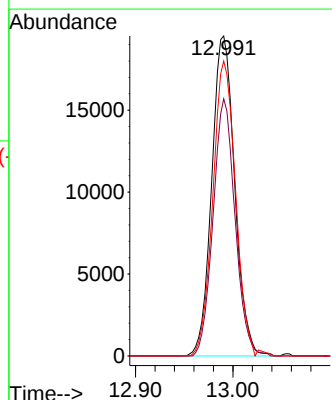
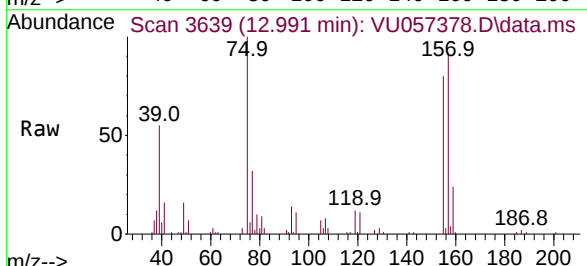
Tgt Ion: 75 Resp: 31936

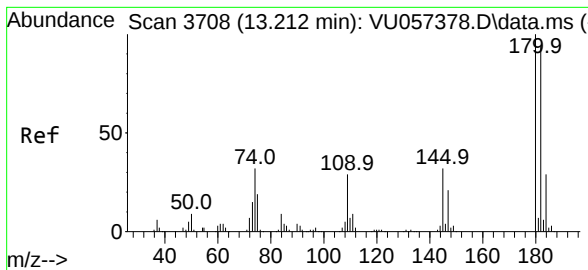
Ion Ratio Lower Upper

75 100

155 80.4 64.3 96.5

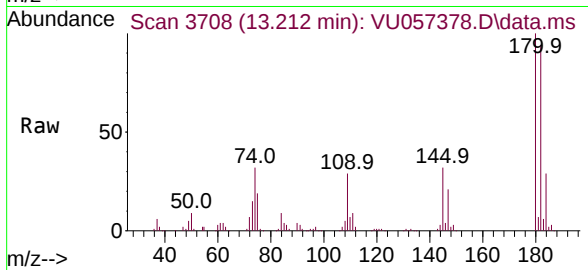
157 92.2 73.8 110.6



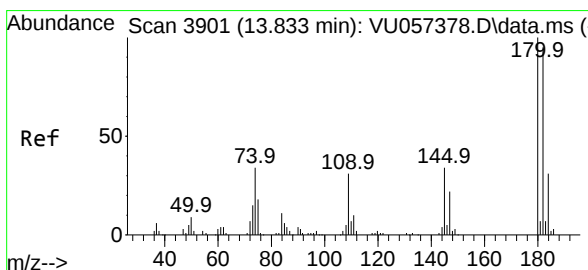
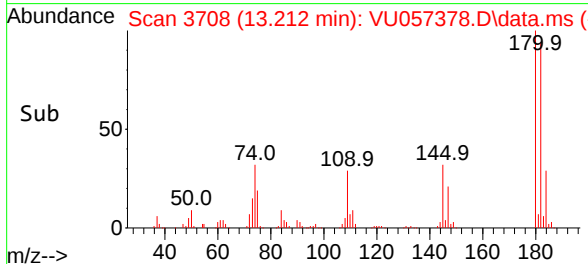
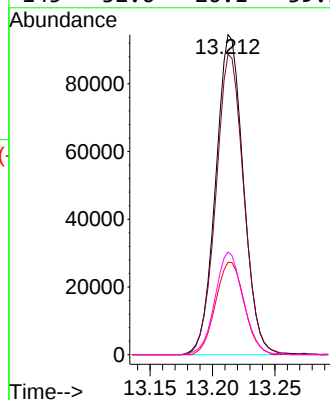


#69
 1,3,5-Trichlorobenzene
 Concen: 48.982 ug/L
 RT: 13.212 min Scan# 3708
 Delta R.T. 0.000 min
 Lab File: VU057378.D
 Acq: 08 Jan 2024 12:22

Instrument :
 MSVOA_U
 ClientSampleId :

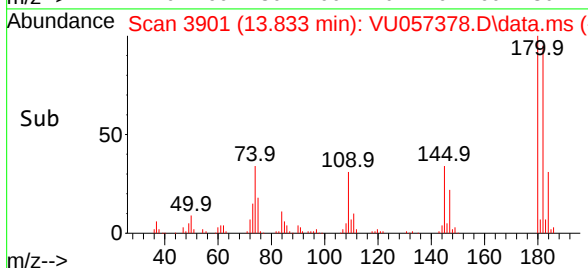
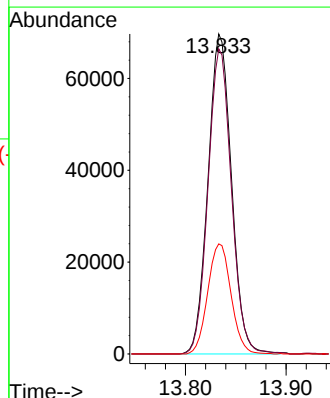
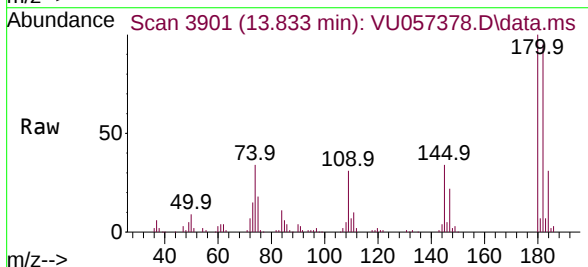


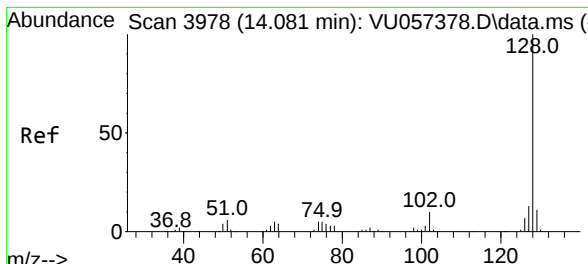
Tgt Ion:180 Resp: 146009
 Ion Ratio Lower Upper
 180 100
 182 94.5 75.6 113.4
 184 29.9 23.9 35.9
 145 32.6 26.1 39.1



#70
 1,2,4-trichlorobenzene
 Concen: 49.785 ug/L
 RT: 13.833 min Scan# 3901
 Delta R.T. 0.000 min
 Lab File: VU057378.D
 Acq: 08 Jan 2024 12:22

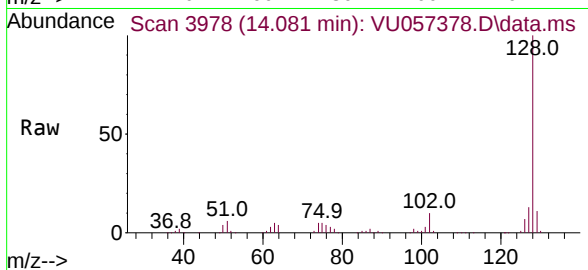
Tgt Ion:180 Resp: 112986
 Ion Ratio Lower Upper
 180 100
 182 94.8 75.8 113.8
 145 34.2 27.4 41.0



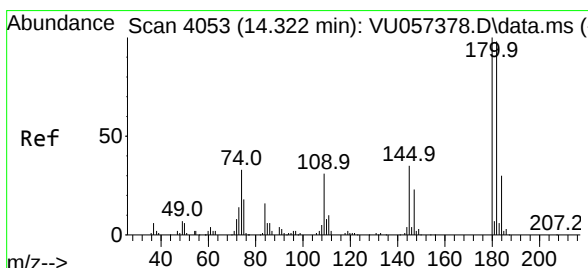
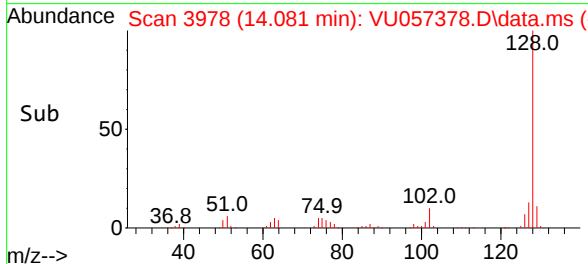
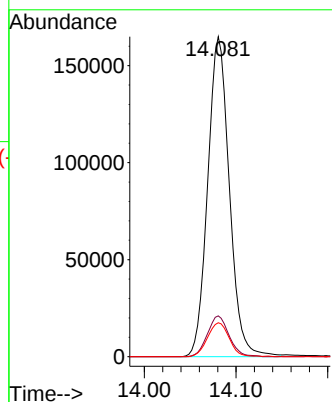


#71
Naphthalene
Concen: 51.025 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU057378.D
Acq: 08 Jan 2024 12:22

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 270576
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.6 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 50.457 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU057378.D
Acq: 08 Jan 2024 12:22

Tgt Ion:180 Resp: 108292
Ion Ratio Lower Upper
180 100
182 96.9 77.5 116.3
145 35.3 28.2 42.4

