

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011824\
 Data File : VU057561.D
 Acq On : 18 Jan 2024 15:52
 Operator : MD/SY
 Sample : VSTD200
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 19 01:31:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM011824WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 19 01:28:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	581498	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	425514	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	295288	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	983849	168.488	ug/L	0.00
7) Chloroethane-d5	1.914	69	721217	159.828	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	63	1880169	178.594	ug/L	0.00
21) 2-Butanone-d5	4.628	46	861435	340.328	ug/L	0.00
24) Chloroform-d	5.055	84	1467839	163.630	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.692	65	829014	149.030	ug/L	0.00
32) Benzene-d6	5.721	84	2664732	225.149	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	1217079	277.736	ug/L	0.00
41) Toluene-d8	7.891	98	3380354	278.642	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	606067	277.910	ug/L	0.00
47) 2-Hexanone-d5	8.647	63	902734	628.372	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.756	84	1154159	201.560	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	1183500	206.232	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	1243066	163.767	ug/L	99
3) Chloromethane	1.518	50	1218788	165.313	ug/L	98
5) Vinyl chloride	1.605	62	1177449	169.286	ug/L	99
6) Bromomethane	1.859	94	645691	204.726	ug/L	98
8) Chloroethane	1.936	64	672886	170.744	ug/L	99
9) Trichlorofluoromethane	2.132	101	1365593	160.384	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	947729	175.644	ug/L	99
12) 1,1-Dichloroethene	2.573	96	879270	182.584	ug/L	98
13) Acetone	2.640	43	1249629	318.046	ug/L	100
14) Carbon disulfide	2.785	76	2884817	170.361	ug/L	100
15) Methyl Acetate	2.946	43	917746	175.431	ug/L	99
16) Methylene chloride	3.039	84	991500	166.546	ug/L	98
17) trans-1,2-Dichloroethene	3.345	96	898906	177.781	ug/L	97
18) Methyl tert-butyl Ether	3.354	73	2971660	191.030	ug/L	99
19) 1,1-Dichloroethane	3.859	63	1401839	165.376	ug/L	99
20) cis-1,2-Dichloroethene	4.656	96	742948	173.265	ug/L	97
22) 2-Butanone	4.708	43	1042757	317.964	ug/L	94
23) Bromochloromethane	4.965	128	364154	158.518	ug/L	99
25) Chloroform	5.078	83	1474267	170.068	ug/L	99
27) 1,2-Dichloroethane	5.785	62	1037793	148.807	ug/L	98
29) Cyclohexane	5.380	56	1147553	253.663	ug/L	99
30) 1,1,1-Trichloroethane	5.309	97	1260869	247.243	ug/L	99
31) Carbon tetrachloride	5.515	117	950078	229.624	ug/L	99
33) Benzene	5.766	78	2847054	227.718	ug/L	100
34) Trichloroethene	6.534	95	1029641	279.615	ug/L	99
35) Methylcyclohexane	6.756	83	1713823	300.767	ug/L	98
37) 1,2-Dichloropropane	6.782	63	1092529	267.120	ug/L	100
38) Bromodichloromethane	7.097	83	1415005	271.781	ug/L	99
39) cis-1,3-Dichloropropene	7.598	75	1798630	300.660	ug/L	100
40) 4-Methyl-2-pentanone	7.807	43	2725766	592.115	ug/L	99
42) Toluene	7.962	91	4256456	272.050	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	1688394	278.324	ug/L	99

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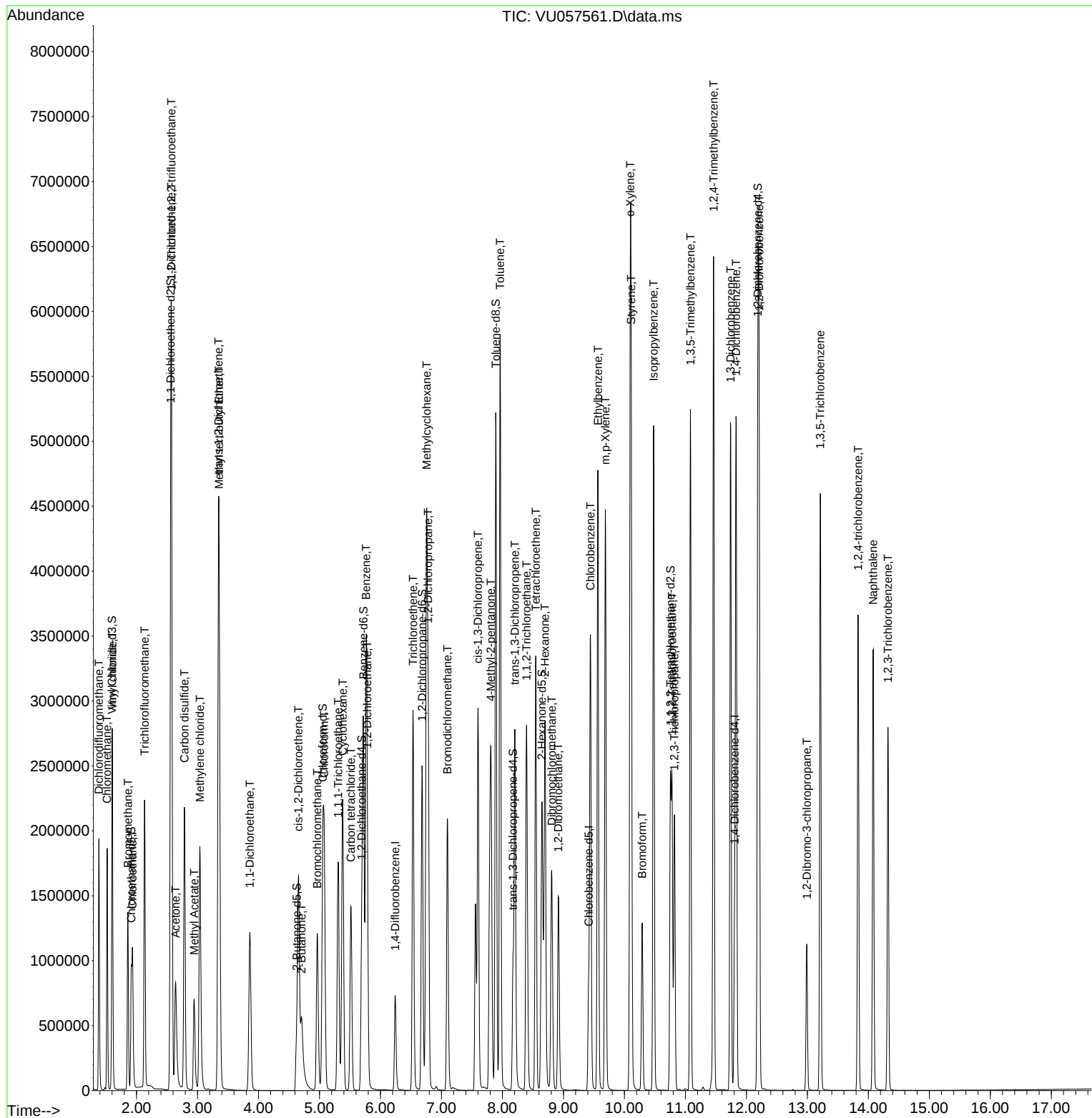
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.396	97	1024410	263.063	ug/L	99
46) Tetrachloroethene	8.547	164	689167	262.104	ug/L	99
48) 2-Hexanone	8.698	43	2307074	569.188	ug/L	97
49) Dibromochloromethane	8.807	129	1045066	268.503	ug/L	94
50) 1,2-Dibromoethane	8.917	107	1080237	267.726	ug/L	100
51) Chlorobenzene	9.444	112	1894543	206.764	ug/L	99
52) Ethylbenzene	9.566	91	3445725	225.165	ug/L	100
53) m,p-Xylene	9.688	106	1266762	225.041	ug/L	99
54) o-Xylene	10.097	106	1238249	229.013	ug/L	99
55) Styrene	10.113	104	2142936	236.716	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.782	83	1175877	201.537	ug/L	99
59) Bromoform	10.293	173	570277	133.975	ug/L	98
60) 1,2,3-Trichloropropane	10.820	75	879973	119.774	ug/L	100
61) Isopropylbenzene	10.479	105	3335218	145.508	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	2833649	164.493	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	3447358	197.182	ug/L	98
64) 1,3-Dichlorobenzene	11.743	146	1970060	202.353	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	1972121	198.653	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	1918139	208.936	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	307061	201.881	ug/L	97
69) 1,3,5-Trichlorobenzene	13.212	180	1313765	198.727	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	994655	194.384	ug/L	100
71) Naphthalene	14.081	128	2534667	207.988	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	783114	168.953	ug/L	98

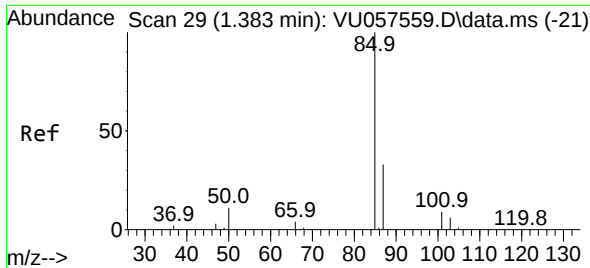
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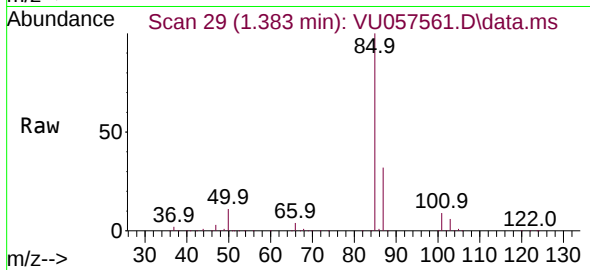
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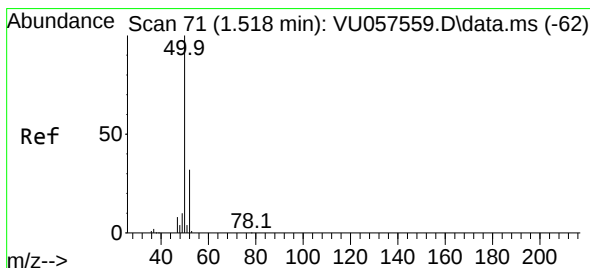
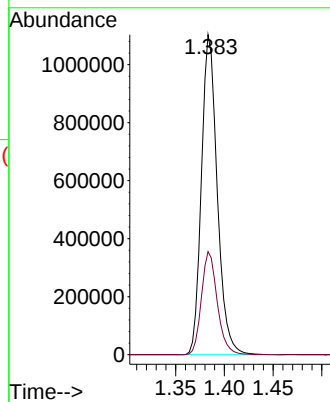
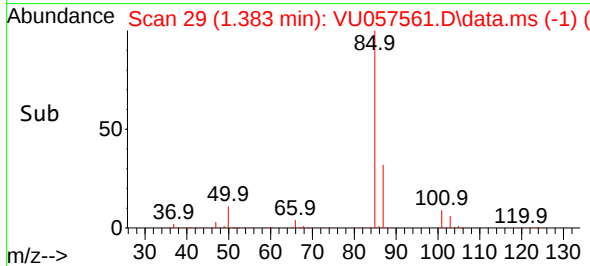


#2
 Dichlorodifluoromethane
 Concen: 163.767 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU057561.D
 Acq: 18 Jan 2024 15:52

Instrument :
 MSVOA_U
 ClientSampleId :

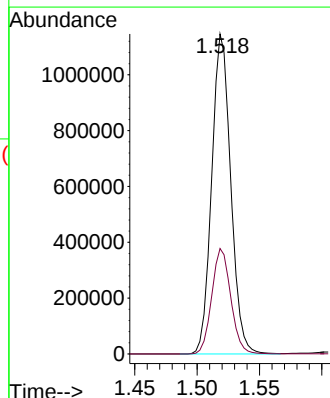
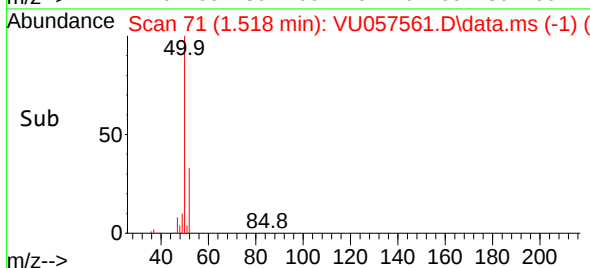
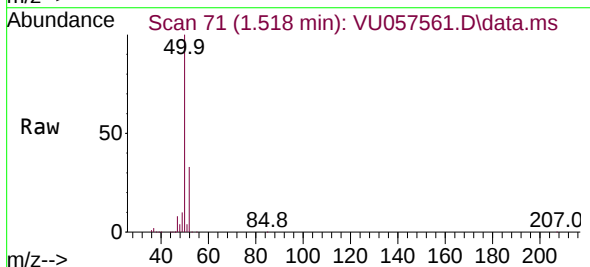


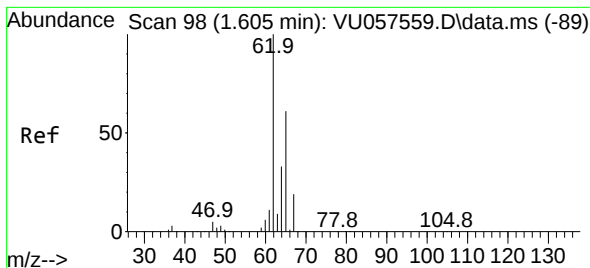
Tgt Ion: 85 Resp: 1243066
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.2 39.2



#3
 Chloromethane
 Concen: 165.313 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU057561.D
 Acq: 18 Jan 2024 15:52

Tgt Ion: 50 Resp: 1218788
 Ion Ratio Lower Upper
 50 100
 52 32.9 22.5 41.7





#5

Vinyl chloride

Concen: 169.286 ug/L

RT: 1.605 min Scan# 98

Delta R.T. -0.000 min

Lab File: VU057561.D

Acq: 18 Jan 2024 15:52

Instrument :

MSVOA_U

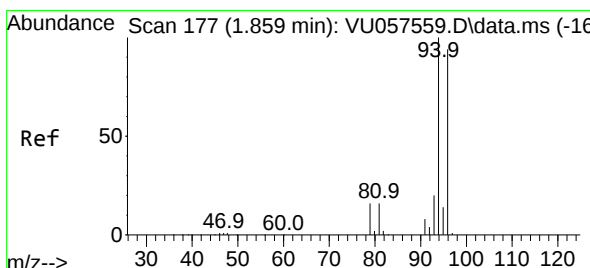
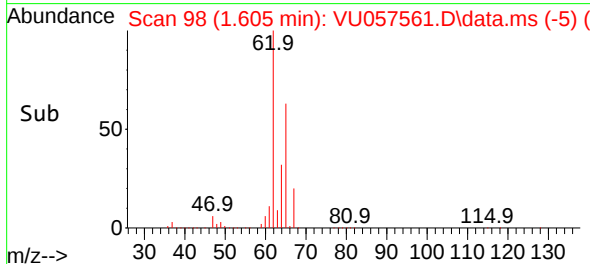
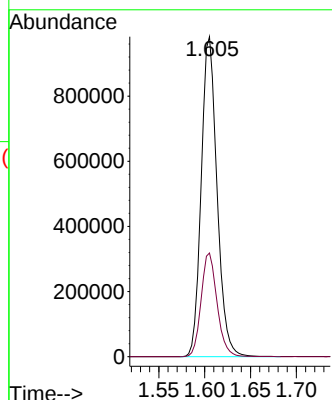
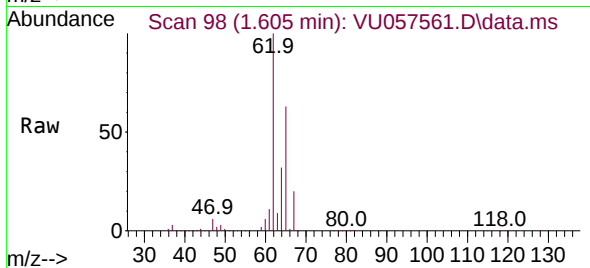
ClientSampleId :

Tgt Ion: 62 Resp: 1177449

Ion Ratio Lower Upper

62 100

64 32.4 23.2 43.2



#6

Bromomethane

Concen: 204.726 ug/L

RT: 1.859 min Scan# 177

Delta R.T. -0.000 min

Lab File: VU057561.D

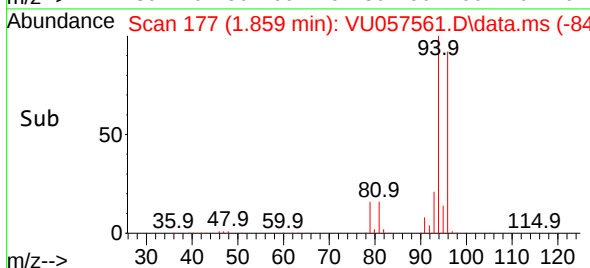
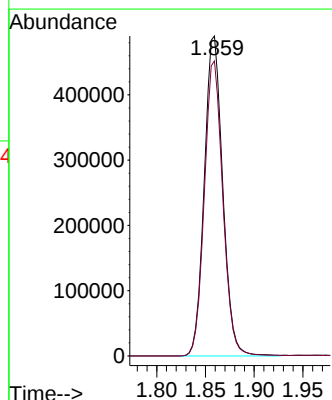
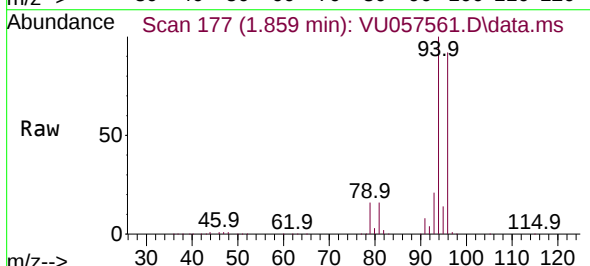
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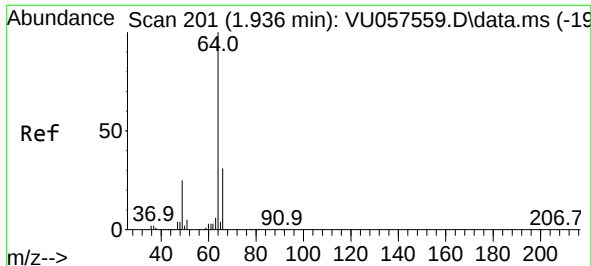
Tgt Ion: 94 Resp: 645691

Ion Ratio Lower Upper

94 100

96 92.2 65.8 122.2

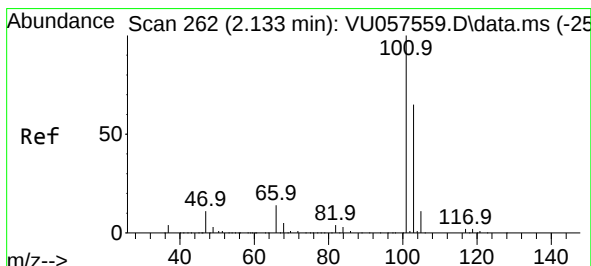
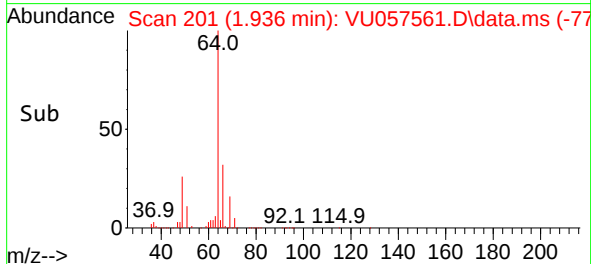
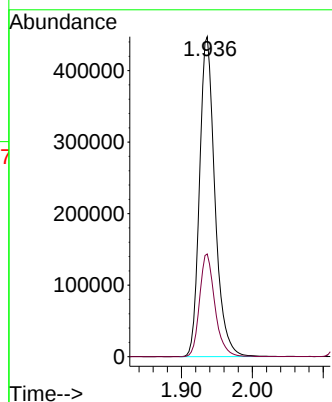
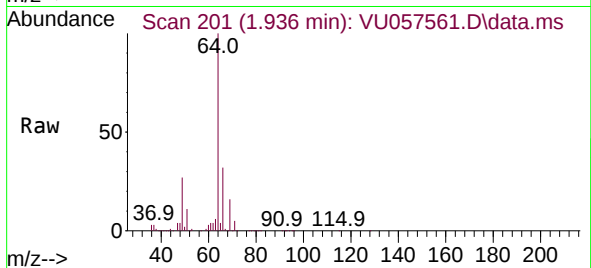




#8
Chloroethane
Concen: 170.744 ug/L
RT: 1.936 min Scan# 201
Delta R.T. -0.000 min
Lab File: VU057561.D
Acq: 18 Jan 2024 15:52

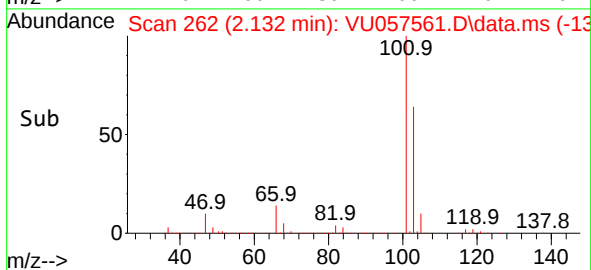
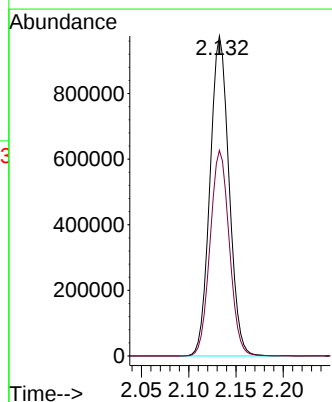
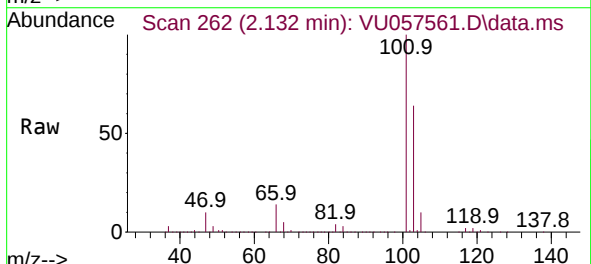
Instrument :
MSVOA_U
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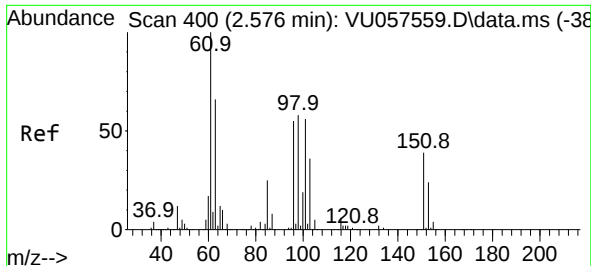
Tgt Ion: 64 Resp: 672886
Ion Ratio Lower Upper
64 100
66 32.1 21.9 40.7



#9
Trichlorofluoromethane
Concen: 160.384 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU057561.D
Acq: 18 Jan 2024 15:52

Tgt Ion:101 Resp: 1365593
Ion Ratio Lower Upper
101 100
103 64.8 51.8 77.6

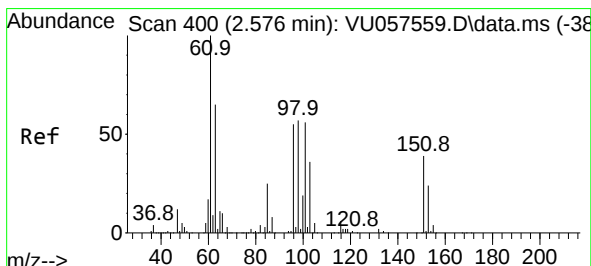
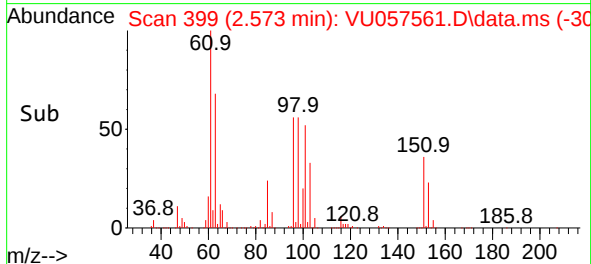
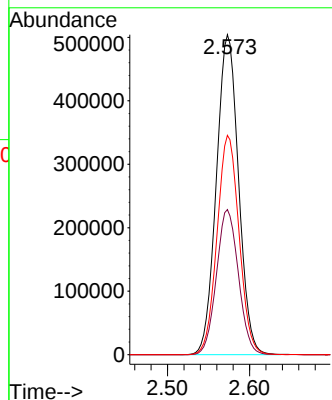
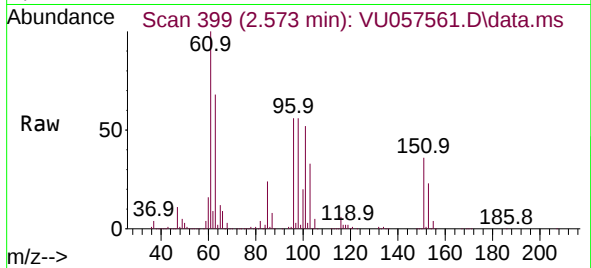




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 175.644 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU057561.D
 Acq: 18 Jan 2024 15:52

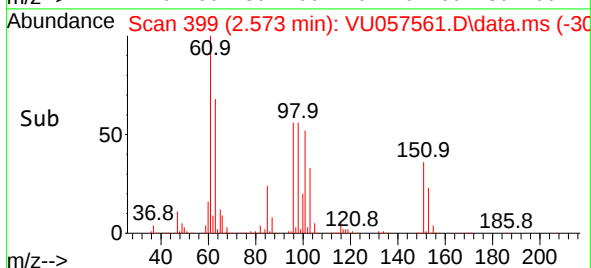
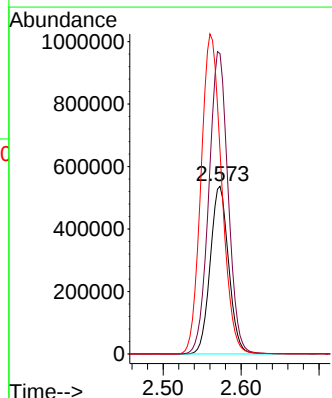
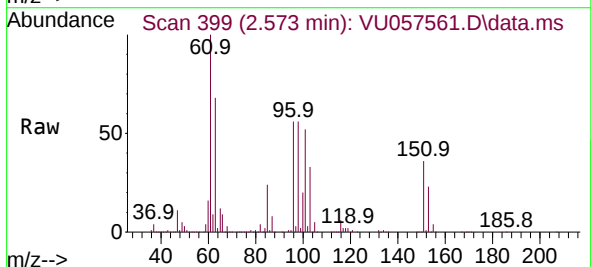
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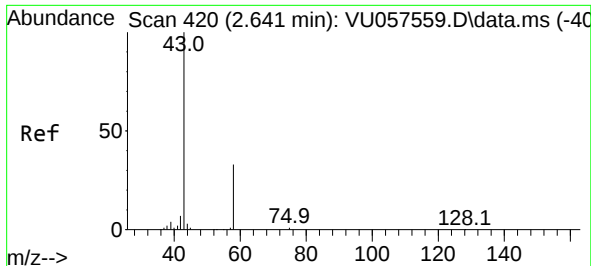
Tgt Ion:101 Resp: 947729
 Ion Ratio Lower Upper
 101 100
 85 45.0 36.0 54.0
 151 68.2 55.8 83.8



#12
 1,1-Dichloroethene
 Concen: 182.584 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU057561.D
 Acq: 18 Jan 2024 15:52

Tgt Ion: 96 Resp: 879270
 Ion Ratio Lower Upper
 96 100
 61 179.1 127.7 237.1
 63 120.9 86.1 159.9





#13

Acetone

Concen: 318.046 ug/L

RT: 2.640 min Scan# 41

Delta R.T. -0.000 min

Lab File: VU057561.D

Acq: 18 Jan 2024 15:52

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MSVOA_U

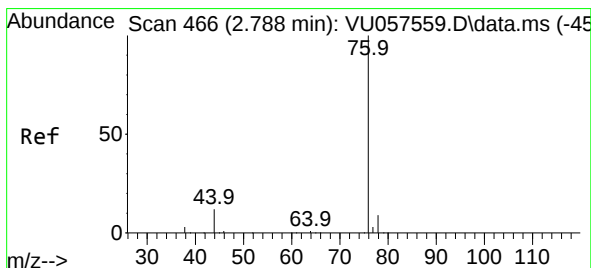
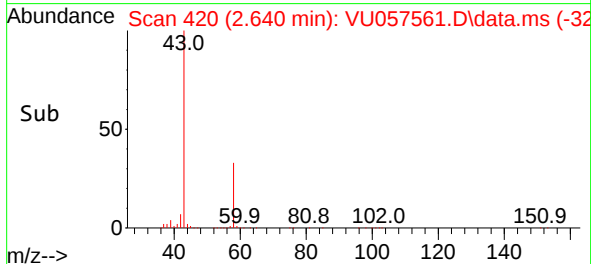
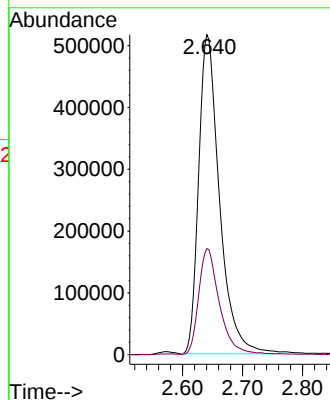
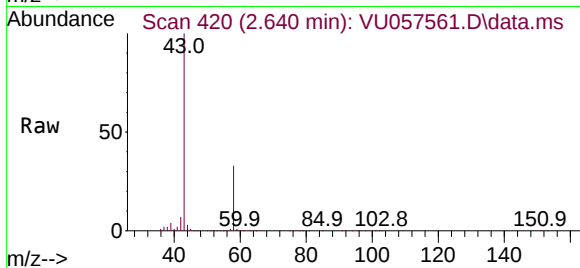
ClientSampleId :

Tgt Ion: 43 Resp: 1249629

Ion Ratio Lower Upper

43 100

58 32.6 0.0 65.6



#14

Carbon disulfide

Concen: 170.361 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU057561.D

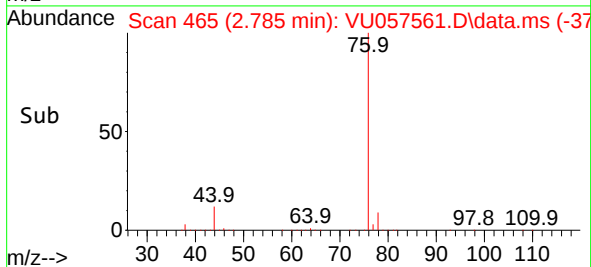
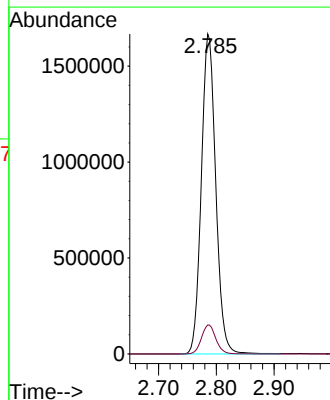
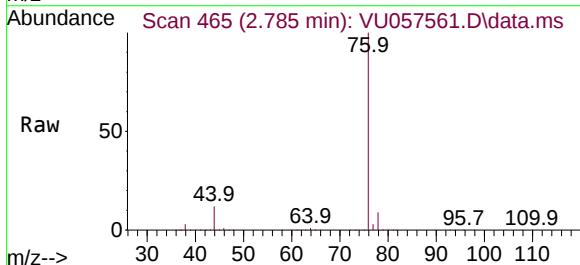
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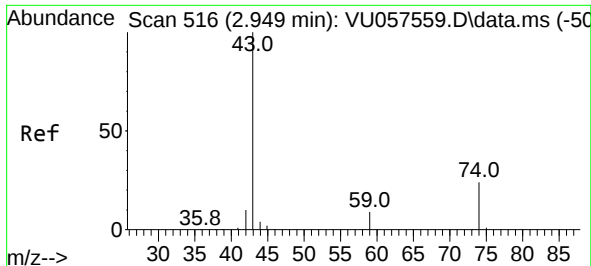
Tgt Ion: 76 Resp: 2884817

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9

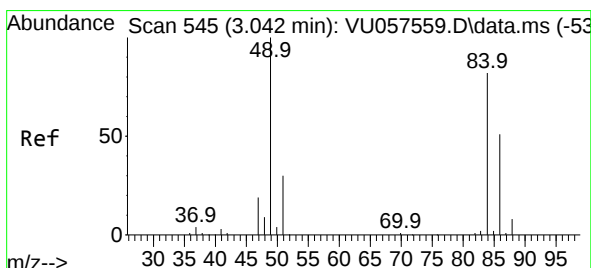
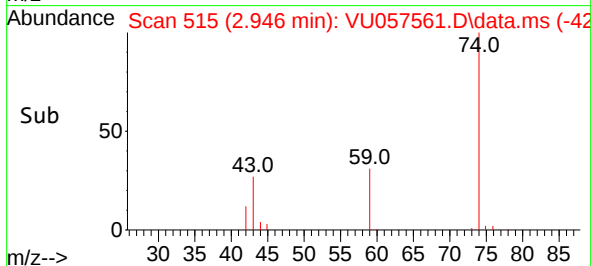
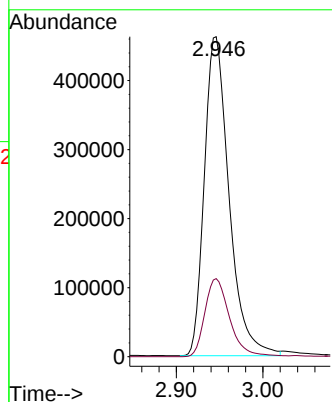
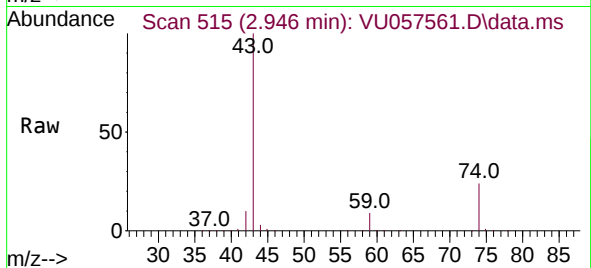




#15
Methyl Acetate
Concen: 175.431 ug/L
RT: 2.946 min Scan# 516
Delta R.T. -0.003 min
Lab File: VU057561.D
Acq: 18 Jan 2024 15:52

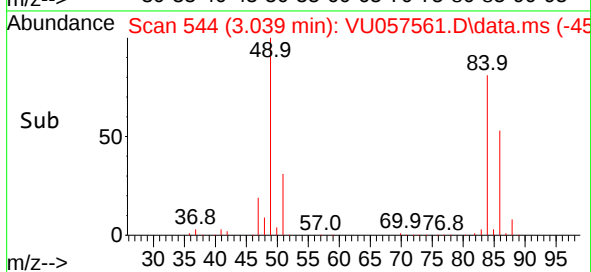
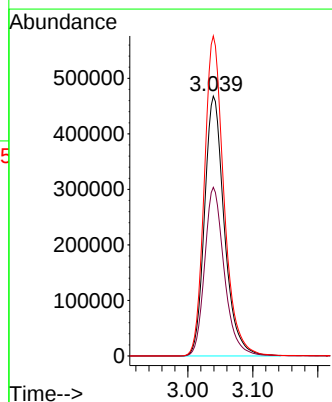
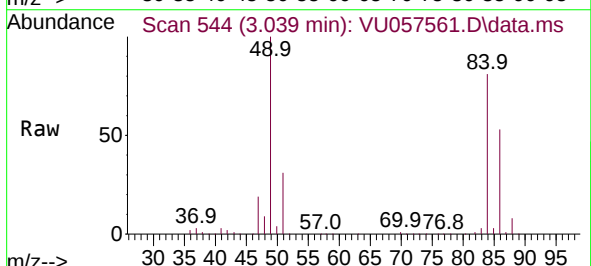
Instrument :
MSVOA_U
ClientSampleId :

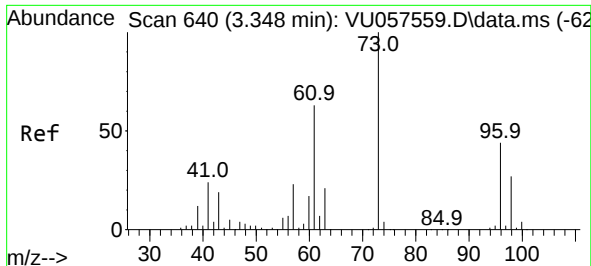
Tgt Ion: 43 Resp: 917746
Ion Ratio Lower Upper
43 100
74 24.5 19.0 28.6



#16
Methylene chloride
Concen: 166.546 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.003 min
Lab File: VU057561.D
Acq: 18 Jan 2024 15:52

Tgt Ion: 84 Resp: 991500
Ion Ratio Lower Upper
84 100
86 64.9 43.5 80.7
49 123.1 85.0 157.8



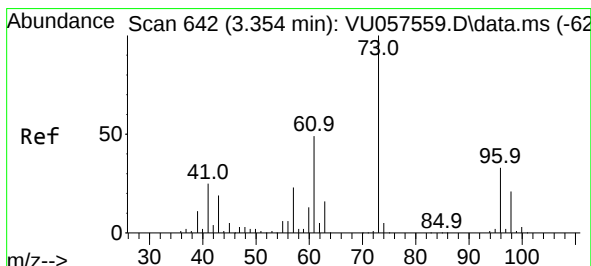
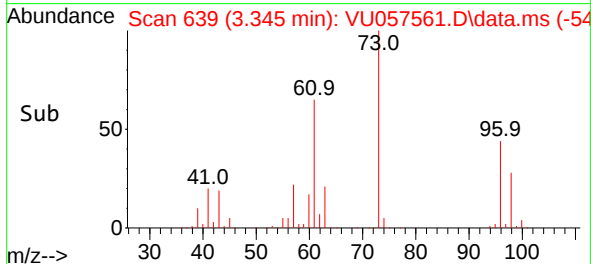
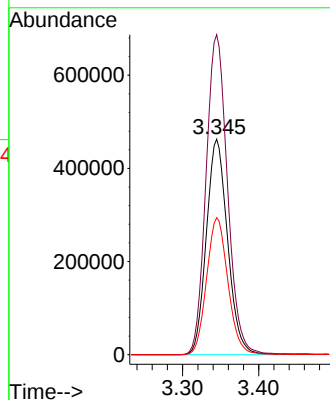
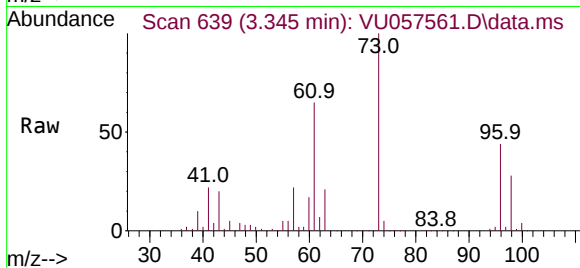


#17
 trans-1,2-Dichloroethene
 Concen: 177.781 ug/L
 RT: 3.345 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VU057561.D
 Acq: 18 Jan 2024 15:52

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 96 Resp: 898906

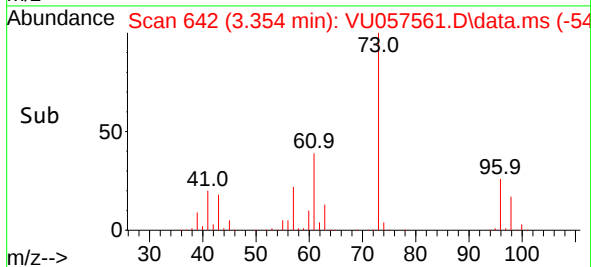
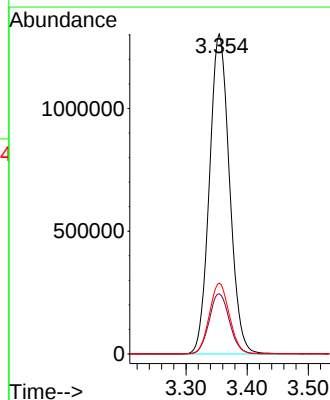
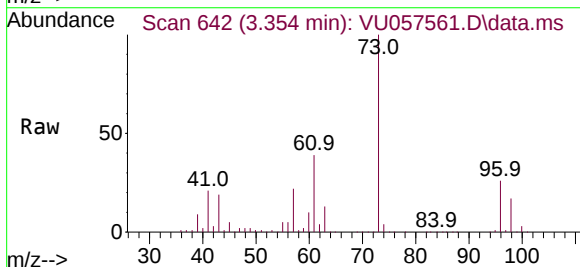
Ion	Ratio	Lower	Upper
96	100		
61	148.5	101.0	187.6
98	63.6	42.8	79.4

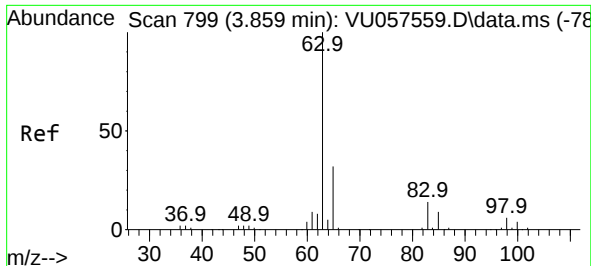


#18
 Methyl tert-butyl Ether
 Concen: 191.030 ug/L
 RT: 3.354 min Scan# 642
 Delta R.T. -0.000 min
 Lab File: VU057561.D
 Acq: 18 Jan 2024 15:52

Tgt Ion: 73 Resp: 2971660

Ion	Ratio	Lower	Upper
73	100		
43	19.1	15.2	22.8
57	22.2	18.2	27.4





#19

1,1-Dichloroethane

Concen: 165.376 ug/L

RT: 3.859 min Scan# 799

Delta R.T. -0.000 min

Lab File: VU057561.D

Acq: 18 Jan 2024 15:52

Instrument :

MSVOA_U

ClientSampleId :

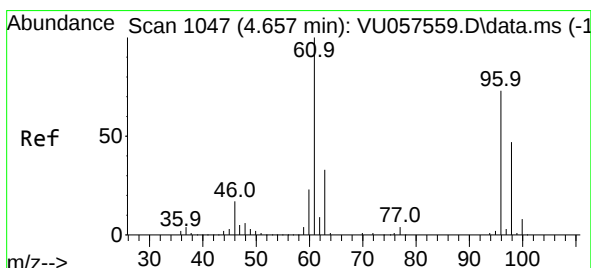
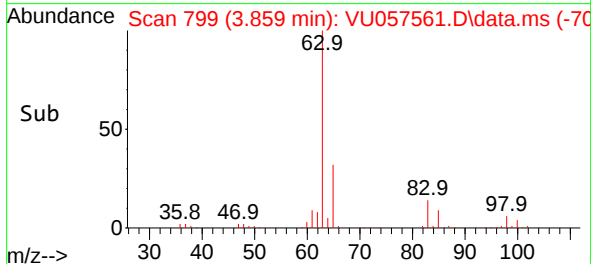
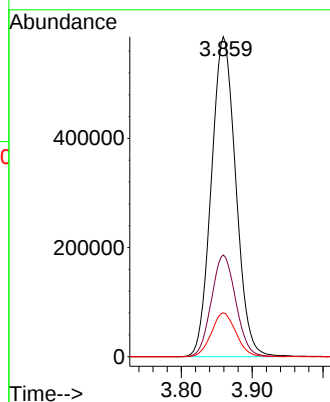
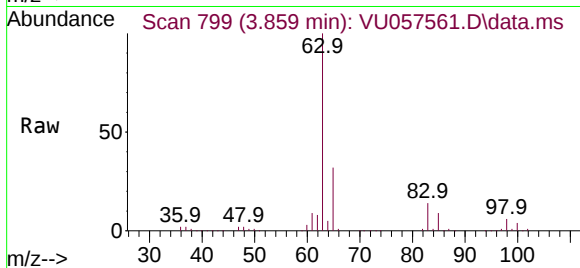
Tgt Ion: 63 Resp: 1401839

Ion Ratio Lower Upper

63 100

65 31.8 22.1 41.1

83 13.7 10.1 18.7



#20

cis-1,2-Dichloroethene

Concen: 173.265 ug/L

RT: 4.656 min Scan# 1047

Delta R.T. -0.000 min

Lab File: VU057561.D

Acq: 18 Jan 2024 15:52

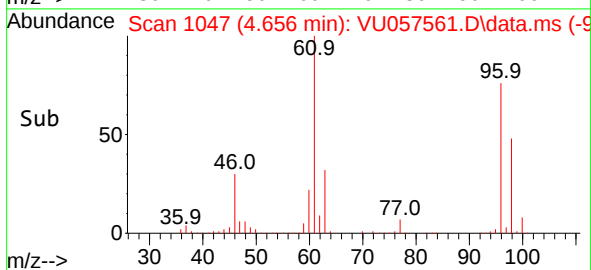
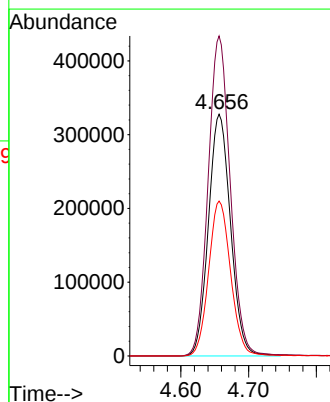
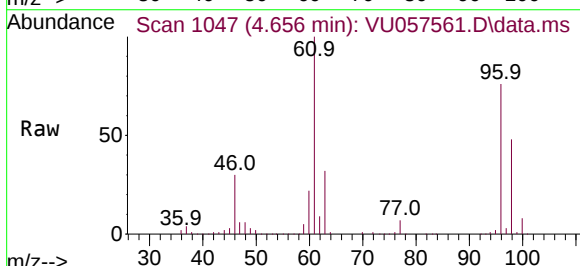
Tgt Ion: 96 Resp: 742948

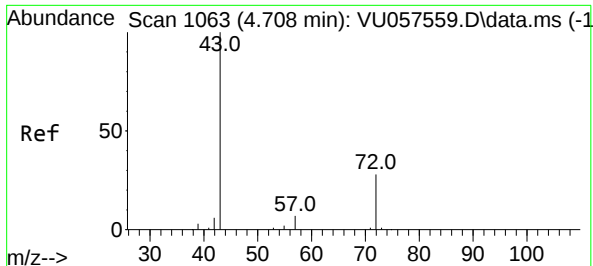
Ion Ratio Lower Upper

96 100

61 132.4 96.2 178.6

98 64.1 45.2 84.0





#22

2-Butanone

Concen: 317.964 ug/L

RT: 4.708 min Scan# 1063

Delta R.T. -0.000 min

Lab File: VU057561.D

Acq: 18 Jan 2024 15:52

Instrument :

MSVOA_U

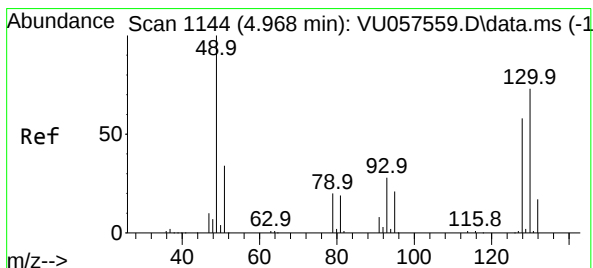
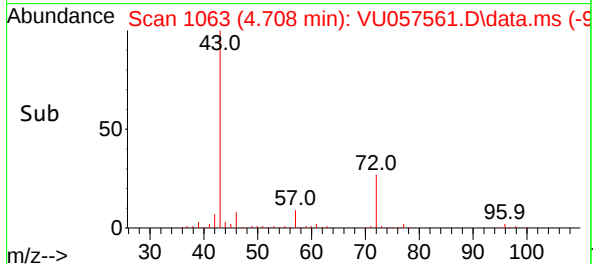
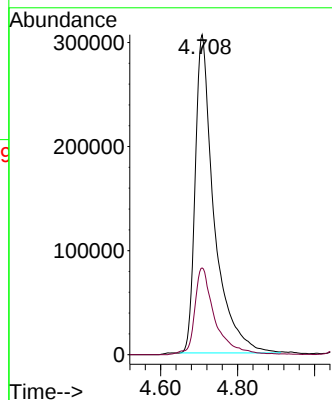
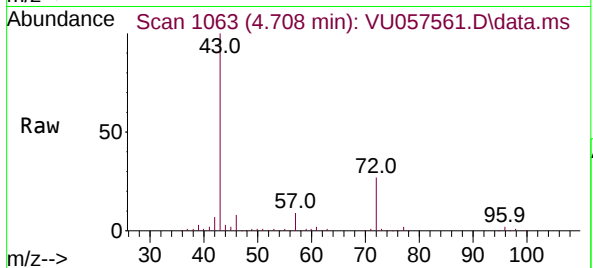
ClientSampleId :

Tgt Ion: 43 Resp: 1042757

Ion Ratio Lower Upper

43 100

72 29.0 12.9 38.7



#23

Bromochloromethane

Concen: 158.518 ug/L

RT: 4.965 min Scan# 1143

Delta R.T. -0.003 min

Lab File: VU057561.D

Acq: 18 Jan 2024 15:52

Tgt Ion:128 Resp: 364154

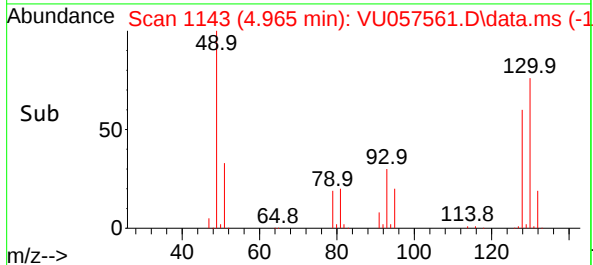
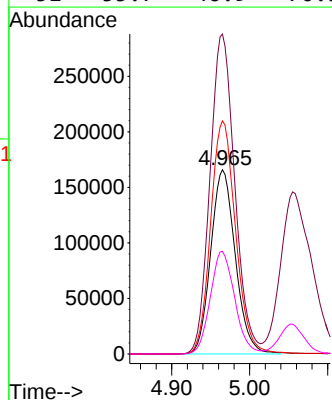
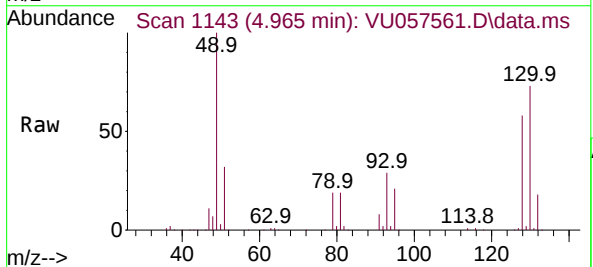
Ion Ratio Lower Upper

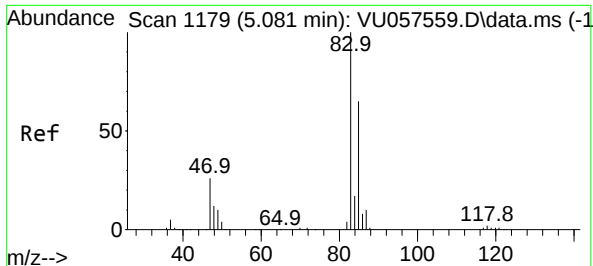
128 100

49 173.7 122.0 226.6

130 126.5 88.5 164.3

51 55.7 46.9 70.3





#25

Chloroform

Concen: 170.068 ug/L

RT: 5.078 min Scan# 1179

Delta R.T. -0.003 min

Lab File: VU057561.D

Acq: 18 Jan 2024 15:52

Instrument :

MSVOA_U

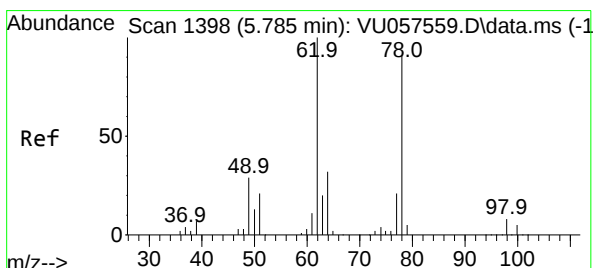
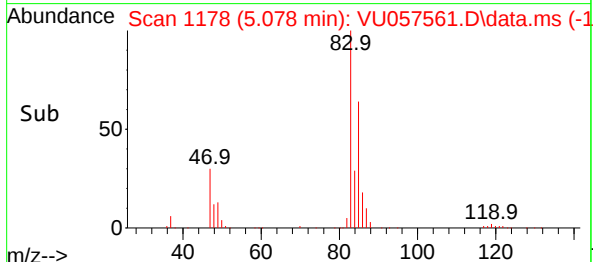
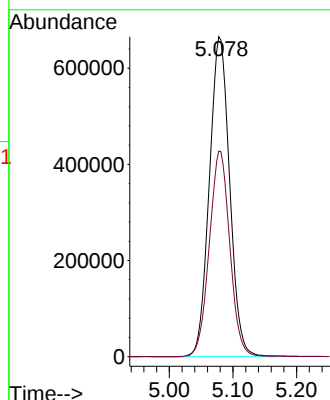
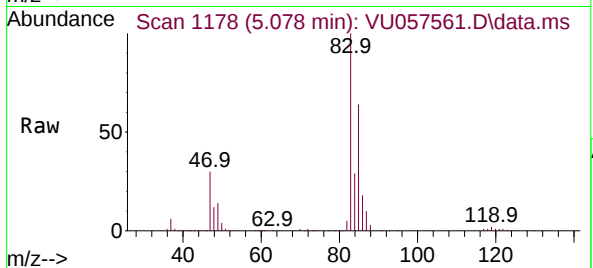
ClientSampleId :

Tgt Ion: 83 Resp: 1474267

Ion Ratio Lower Upper

83 100

85 64.3 45.5 84.5



#27

1,2-Dichloroethane

Concen: 148.807 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VU057561.D

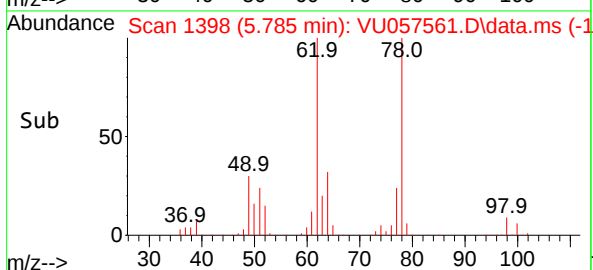
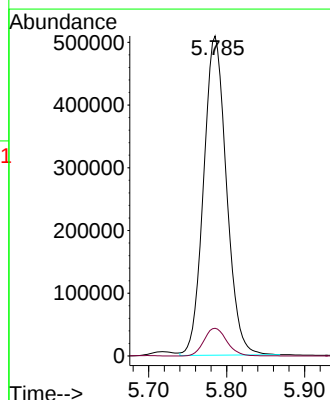
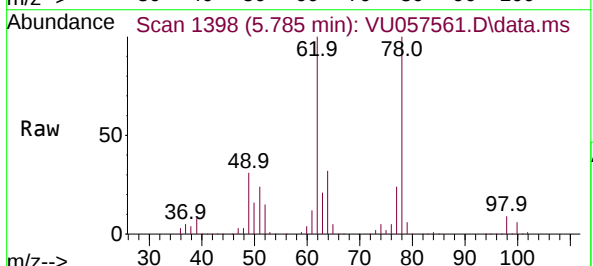
Acq: 18 Jan 2024 15:52

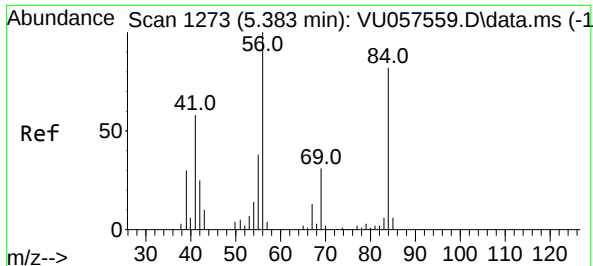
Tgt Ion: 62 Resp: 1037793

Ion Ratio Lower Upper

62 100

98 8.7 6.4 9.6





#29

Cyclohexane

Concen: 253.663 ug/L

RT: 5.380 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU057561.D

Acq: 18 Jan 2024 15:52

Instrument :

MSVOA_U

ClientSampleId :

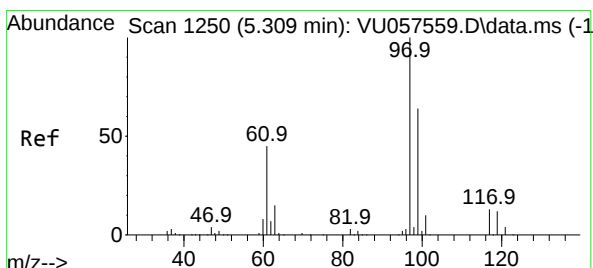
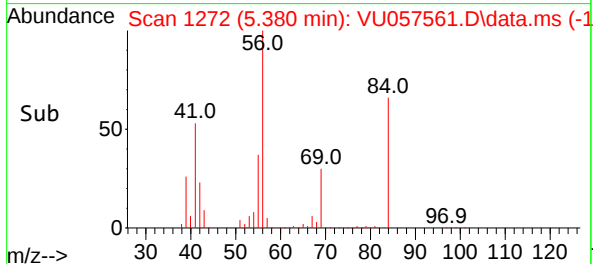
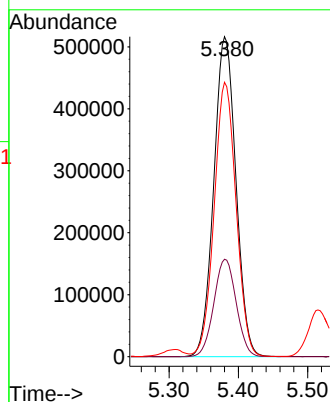
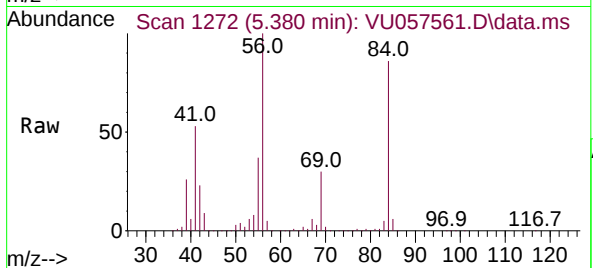
Tgt Ion: 56 Resp: 1147553

Ion Ratio Lower Upper

56 100

69 30.7 25.4 38.2

84 85.0 67.4 101.0



#30

1,1,1-Trichloroethane

Concen: 247.243 ug/L

RT: 5.309 min Scan# 1250

Delta R.T. -0.000 min

Lab File: VU057561.D

Acq: 18 Jan 2024 15:52

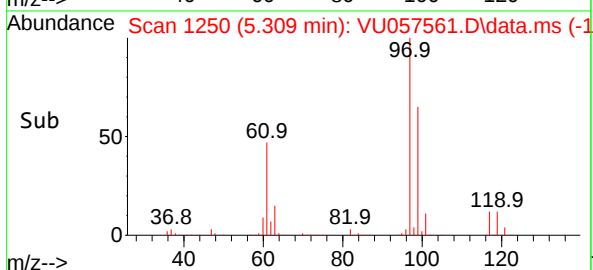
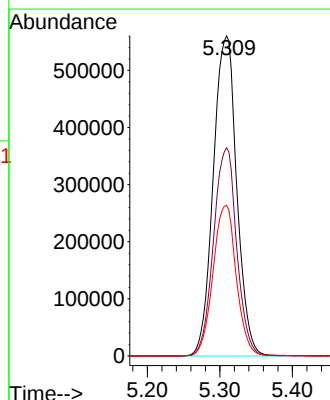
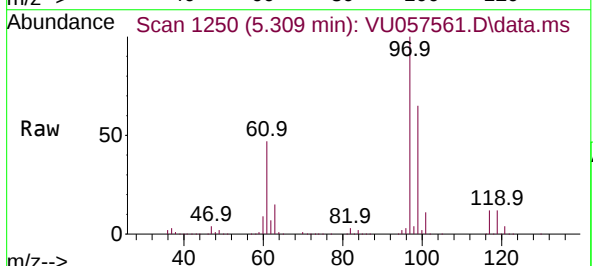
Tgt Ion: 97 Resp: 1260869

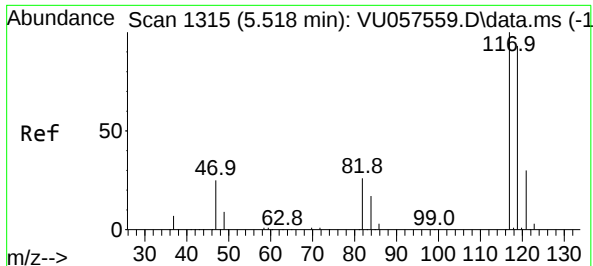
Ion Ratio Lower Upper

97 100

99 64.1 51.5 77.3

61 46.7 36.9 55.3

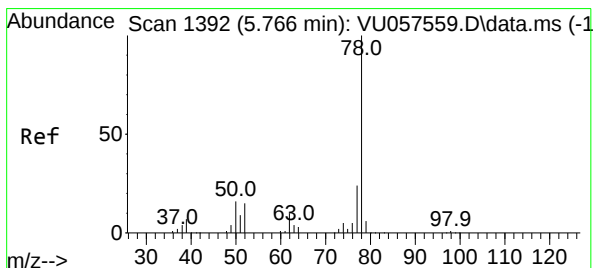
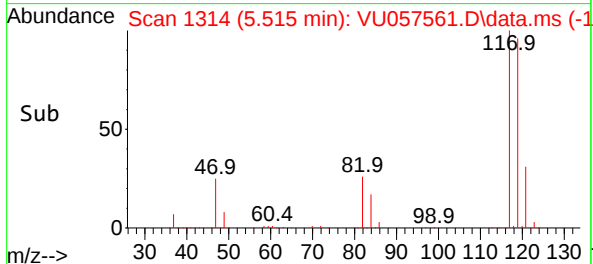
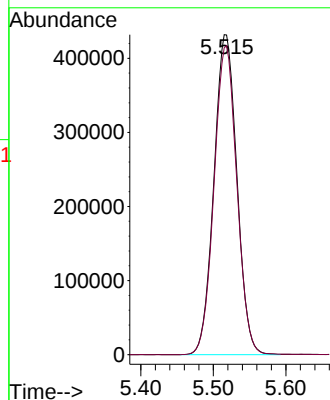
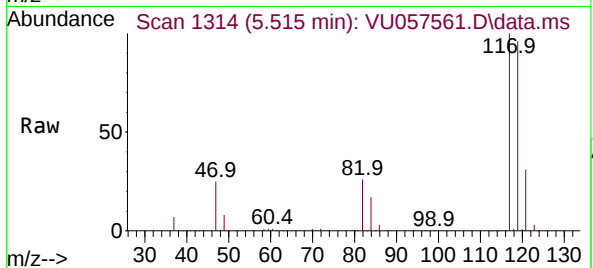




#31
Carbon tetrachloride
Concen: 229.624 ug/L
RT: 5.515 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU057561.D
Acq: 18 Jan 2024 15:52

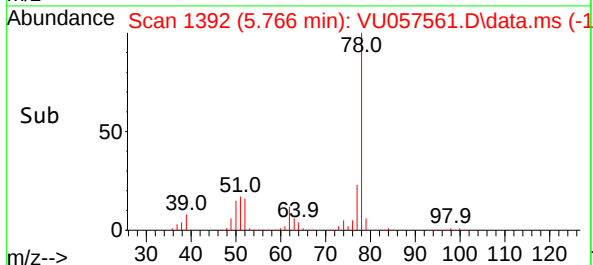
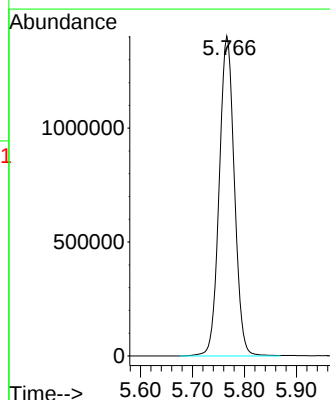
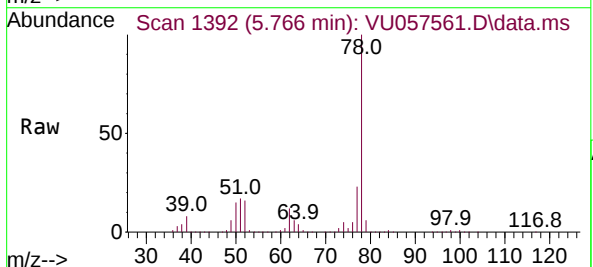
Instrument :
MSVOA_U
ClientSampleId :

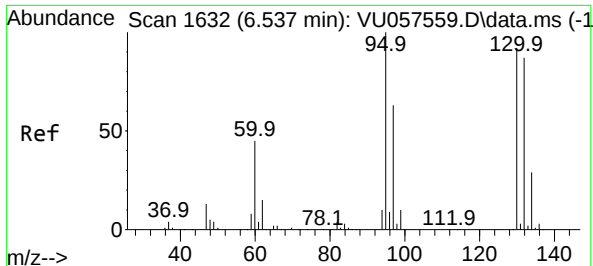
Tgt Ion:117 Resp: 950078
Ion Ratio Lower Upper
117 100
119 96.1 75.8 113.8



#33
Benzene
Concen: 227.718 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU057561.D
Acq: 18 Jan 2024 15:52

Tgt Ion: 78 Resp: 2847054





#34

Trichloroethene

Concen: 279.615 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU057561.D

Acq: 18 Jan 2024 15:52

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 1029641

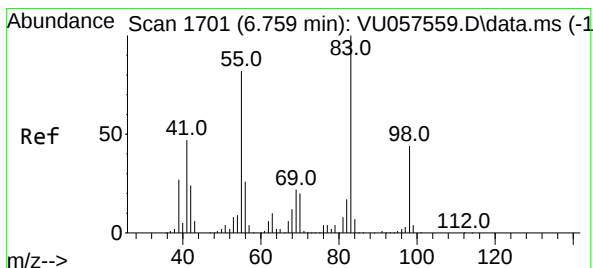
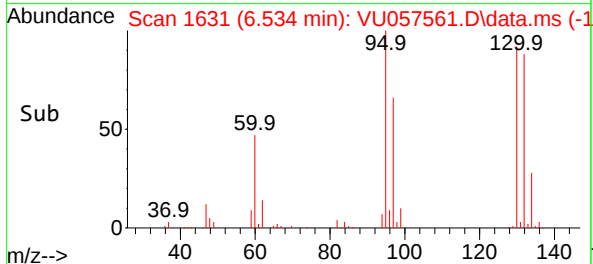
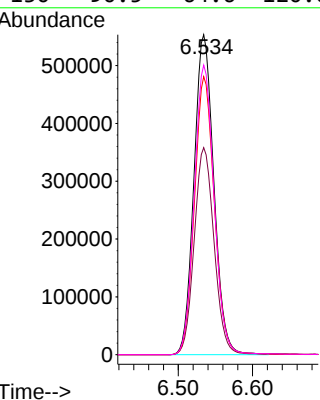
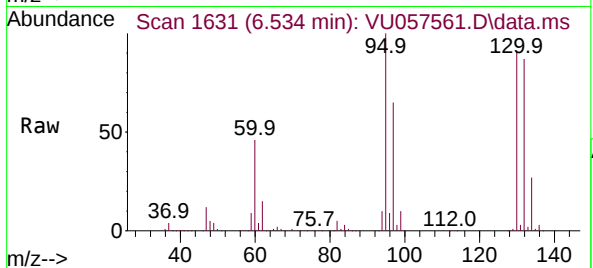
Ion Ratio Lower Upper

95 100

97 64.7 44.4 82.4

132 86.9 60.8 113.0

130 90.5 64.6 120.0



#35

Methylcyclohexane

Concen: 300.767 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. -0.003 min

Lab File: VU057561.D

Acq: 18 Jan 2024 15:52

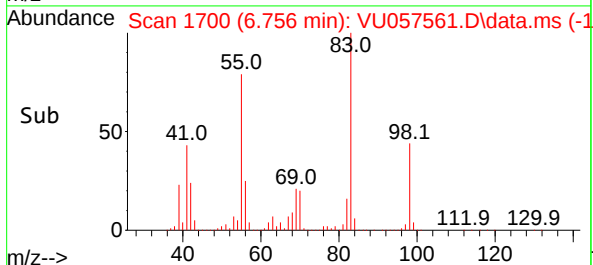
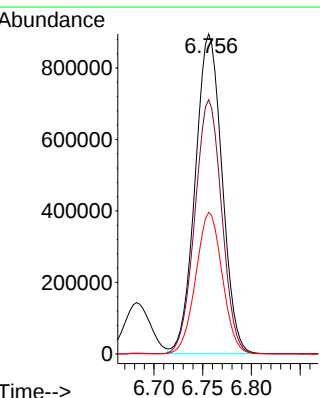
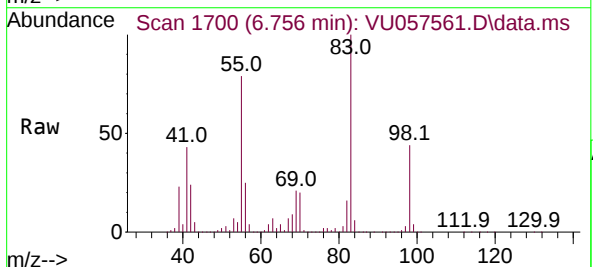
Tgt Ion: 83 Resp: 1713823

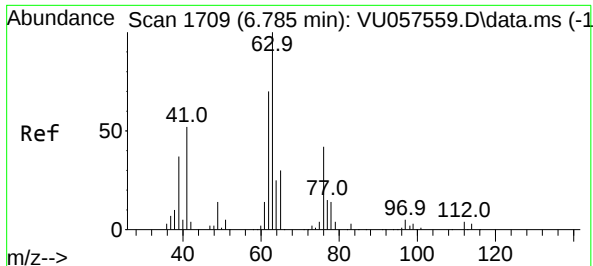
Ion Ratio Lower Upper

83 100

55 79.5 65.8 98.6

98 43.9 34.8 52.2

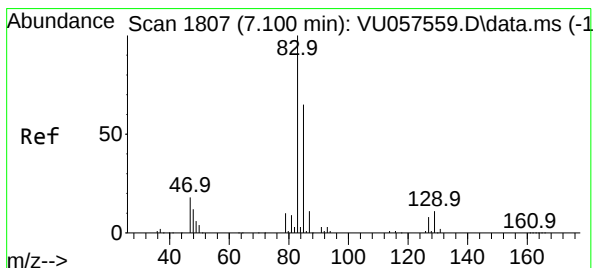
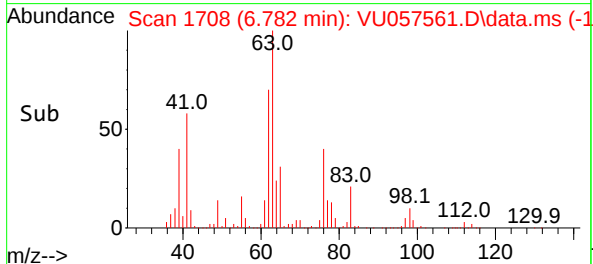
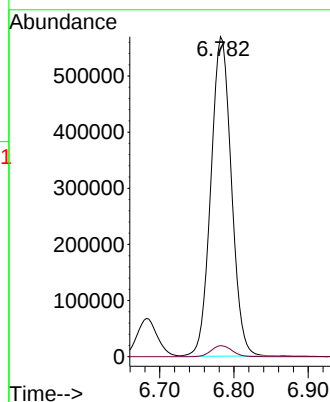
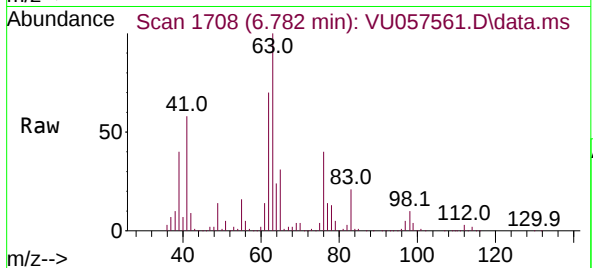




#37
1,2-Dichloropropane
Concen: 267.120 ug/L
RT: 6.782 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU057561.D
Acq: 18 Jan 2024 15:52

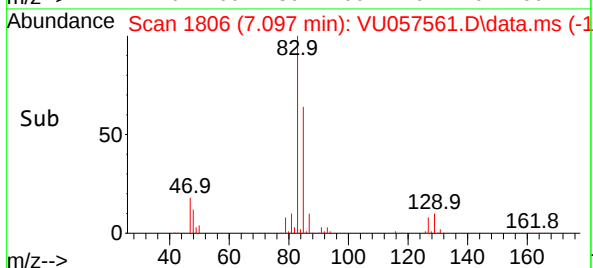
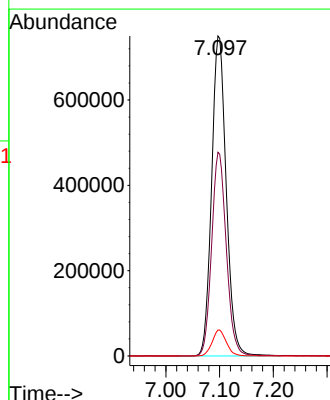
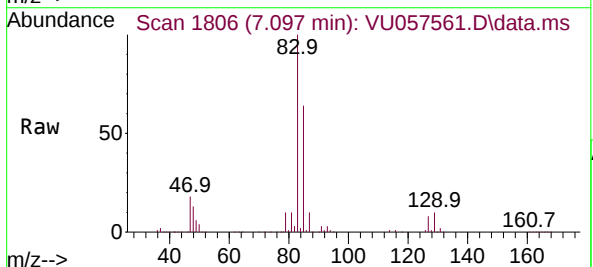
Instrument :
MSVOA_U
ClientSampleId :

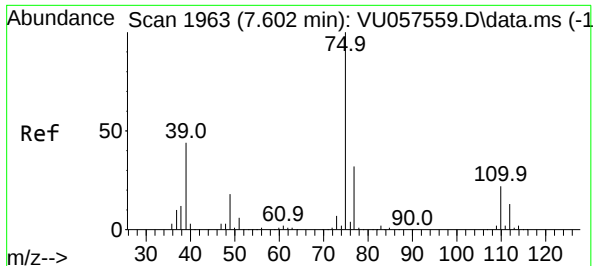
Tgt Ion: 63 Resp: 1092529
Ion Ratio Lower Upper
63 100
112 3.5 2.9 4.3



#38
Bromodichloromethane
Concen: 271.781 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.003 min
Lab File: VU057561.D
Acq: 18 Jan 2024 15:52

Tgt Ion: 83 Resp: 1415005
Ion Ratio Lower Upper
83 100
85 63.7 45.4 84.2
127 8.1 6.2 9.4

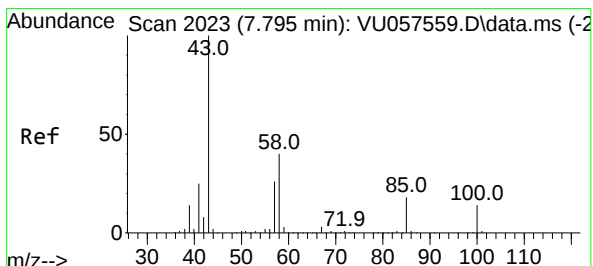
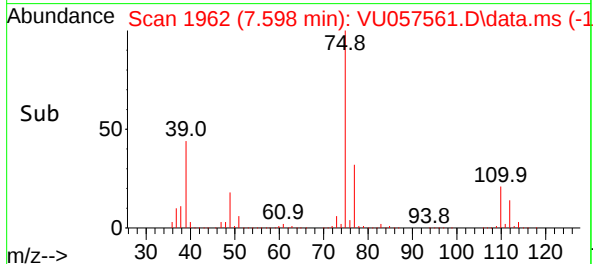
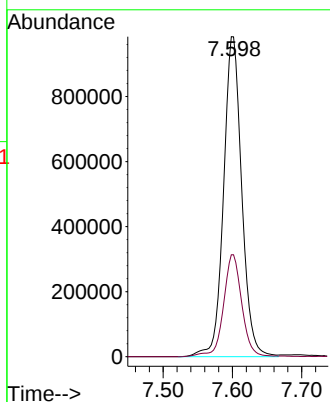
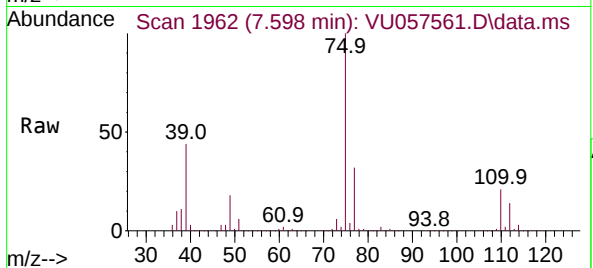




#39
cis-1,3-Dichloropropene
Concen: 300.660 ug/L
RT: 7.598 min Scan# 1963
Delta R.T. -0.003 min
Lab File: VU057561.D
Acq: 18 Jan 2024 15:52

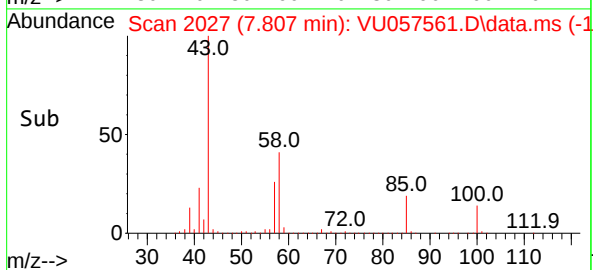
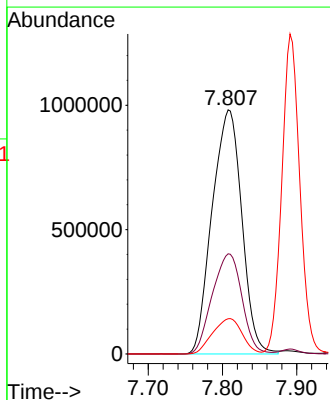
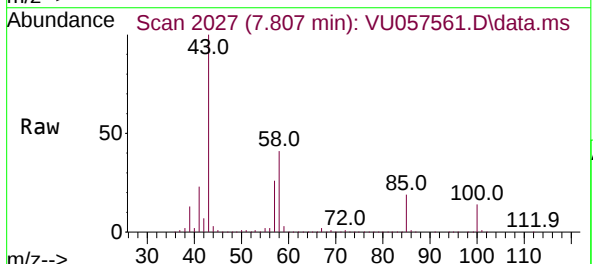
Instrument :
MSVOA_U
ClientSampleId :

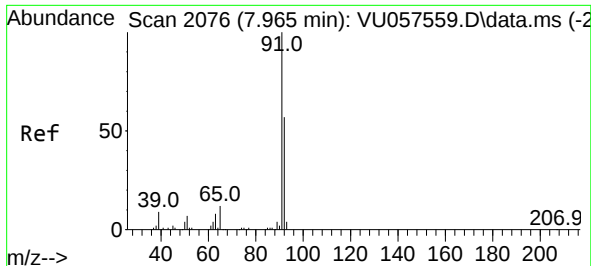
Tgt Ion: 75 Resp: 1798630
Ion Ratio Lower Upper
75 100
77 31.9 22.4 41.6



#40
4-Methyl-2-pentanone
Concen: 592.115 ug/L
RT: 7.807 min Scan# 2027
Delta R.T. 0.013 min
Lab File: VU057561.D
Acq: 18 Jan 2024 15:52

Tgt Ion: 43 Resp: 2725766
Ion Ratio Lower Upper
43 100
58 41.1 32.2 48.2
100 14.5 11.2 16.8





#42

Toluene

Concen: 272.050 ug/L

RT: 7.962 min Scan# 2076

Delta R.T. -0.003 min

Lab File: VU057561.D

Acq: 18 Jan 2024 15:52

Instrument :

MSVOA_U

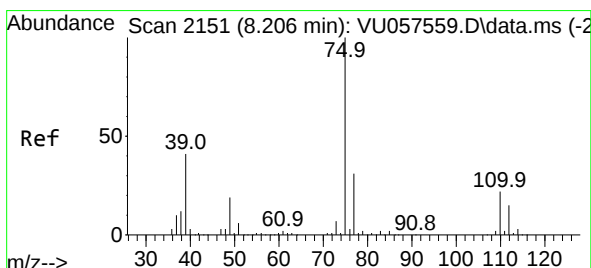
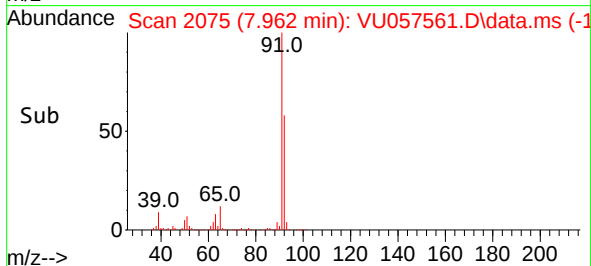
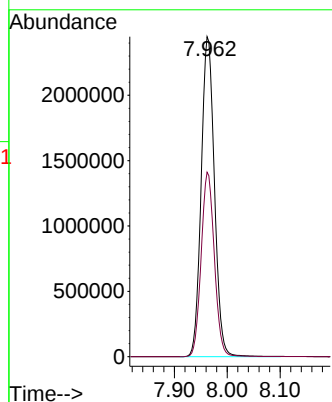
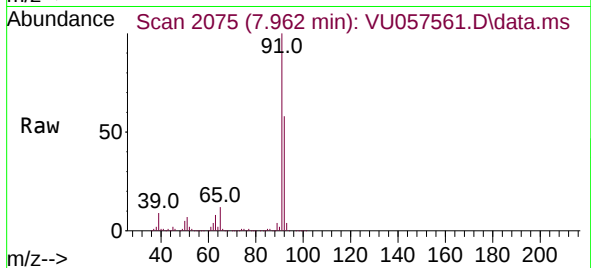
ClientSampleId :

Tgt Ion: 91 Resp: 4256456

Ion Ratio Lower Upper

91 100

92 57.6 40.1 74.5



#44

trans-1,3-Dichloropropene

Concen: 278.324 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.003 min

Lab File: VU057561.D

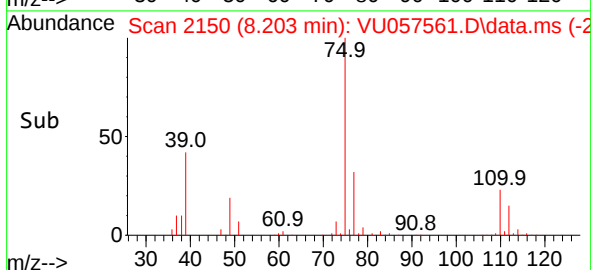
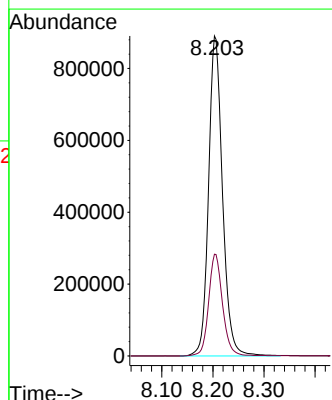
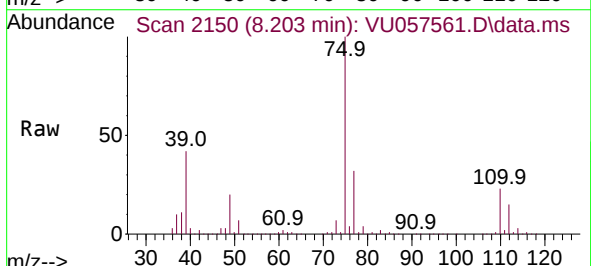
Acq: 18 Jan 2024 15:52

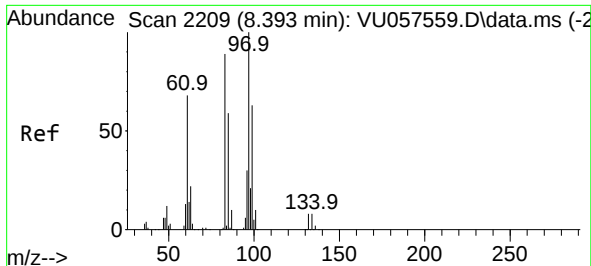
Tgt Ion: 75 Resp: 1688394

Ion Ratio Lower Upper

75 100

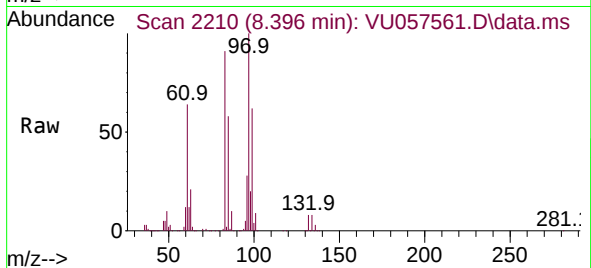
77 31.8 22.0 40.8





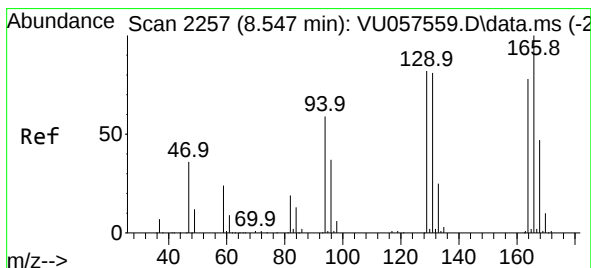
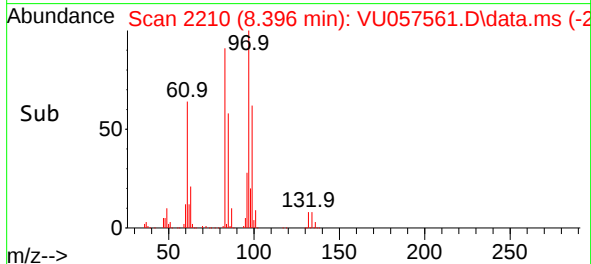
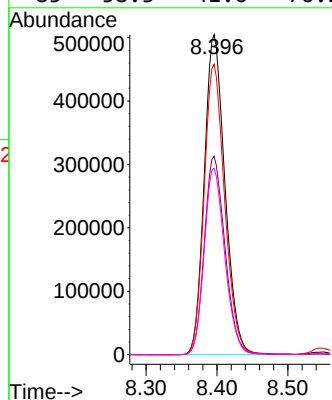
#45
1,1,2-Trichloroethane
Concen: 263.063 ug/L
RT: 8.396 min Scan# 210
Delta R.T. 0.003 min
Lab File: VU057561.D
Acq: 18 Jan 2024 15:52

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 97 Resp: 1024410

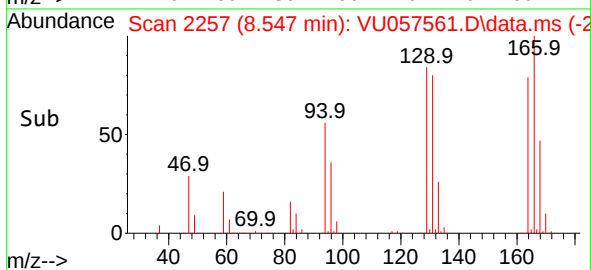
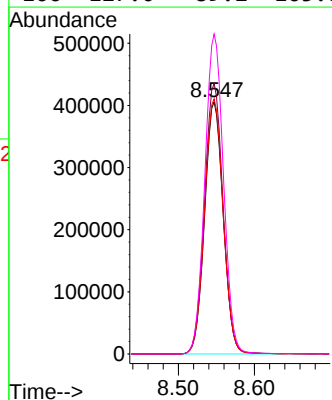
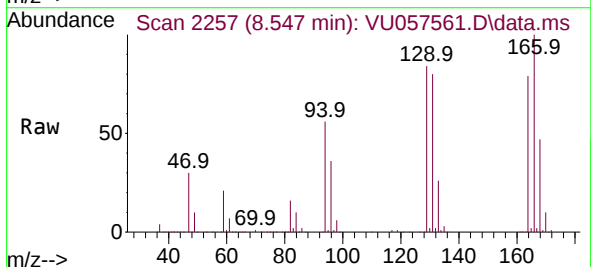
Ion	Ratio	Lower	Upper
97	100		
99	62.0	44.2	82.2
83	90.8	62.2	115.6
85	58.3	41.0	76.2

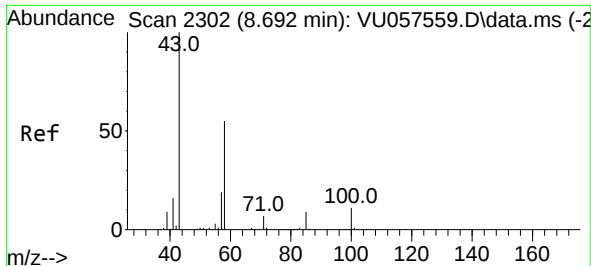


#46
Tetrachloroethene
Concen: 262.104 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU057561.D
Acq: 18 Jan 2024 15:52

Tgt Ion: 164 Resp: 689167

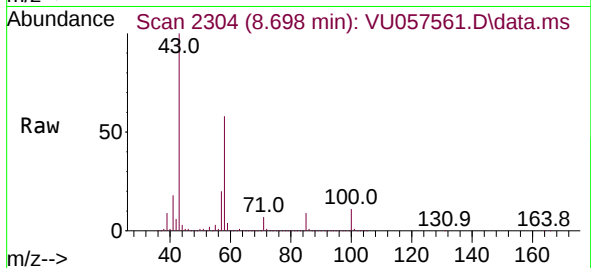
Ion	Ratio	Lower	Upper
164	100		
129	107.3	73.5	136.5
131	101.3	72.1	133.9
166	127.0	89.2	165.8





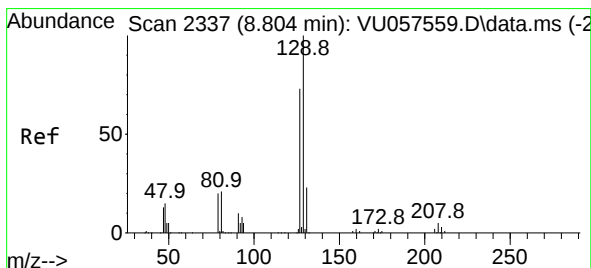
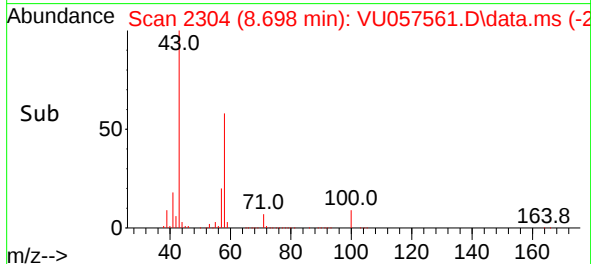
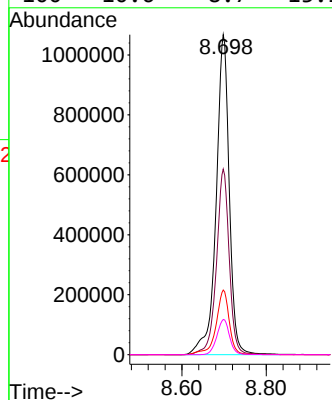
#48
2-Hexanone
Concen: 569.188 ug/L
RT: 8.698 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU057561.D
Acq: 18 Jan 2024 15:52

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 2307074

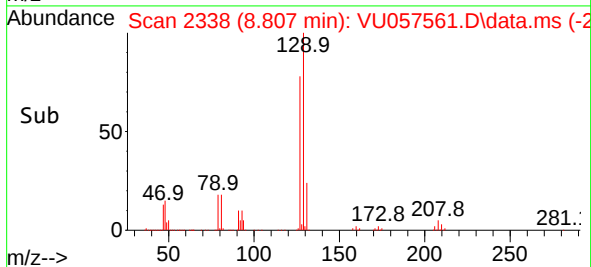
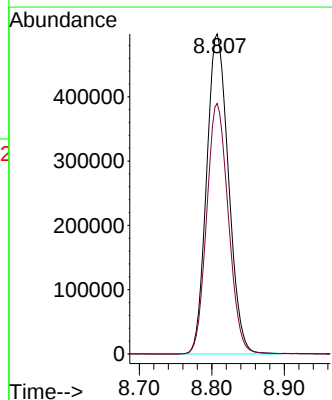
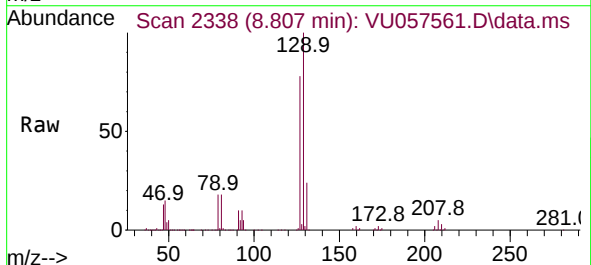
Ion	Ratio	Lower	Upper
43	100		
58	56.4	47.0	70.6
57	20.3	15.7	23.5
100	10.6	8.7	13.1

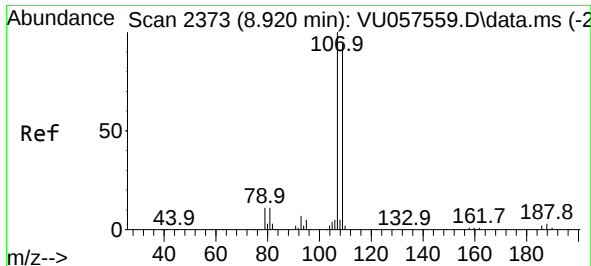


#49
Dibromochloromethane
Concen: 268.503 ug/L
RT: 8.807 min Scan# 2338
Delta R.T. 0.003 min
Lab File: VU057561.D
Acq: 18 Jan 2024 15:52

Tgt Ion:129 Resp: 1045066

Ion	Ratio	Lower	Upper
129	100		
127	78.3	51.2	95.0





#50

1,2-Dibromoethane

Concen: 267.726 ug/L

RT: 8.917 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU057561.D

Acq: 18 Jan 2024 15:52

Instrument :

MSVOA_U

ClientSampleId :

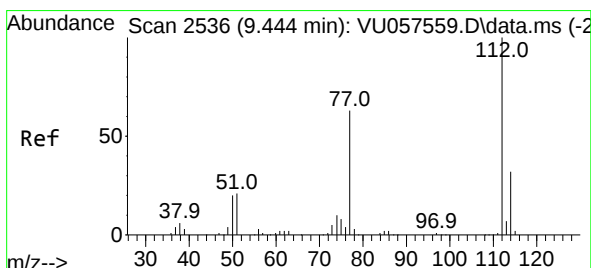
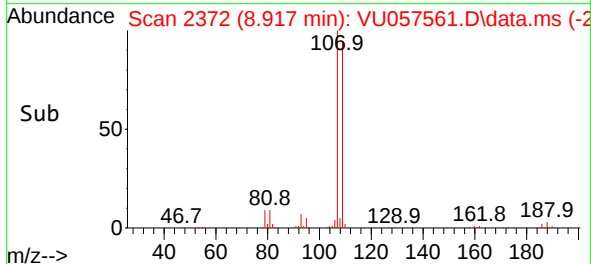
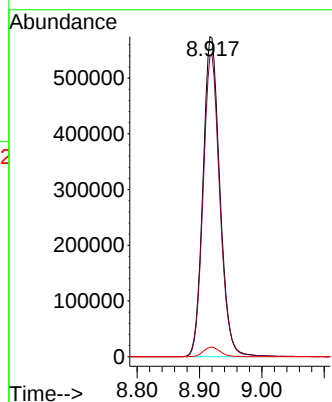
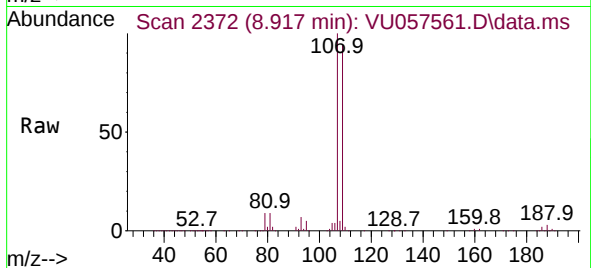
Tgt Ion:107 Resp: 1080237

Ion Ratio Lower Upper

107 100

109 93.9 65.6 121.8

188 2.9 2.2 3.4



#51

Chlorobenzene

Concen: 206.764 ug/L

RT: 9.444 min Scan# 2536

Delta R.T. -0.000 min

Lab File: VU057561.D

Acq: 18 Jan 2024 15:52

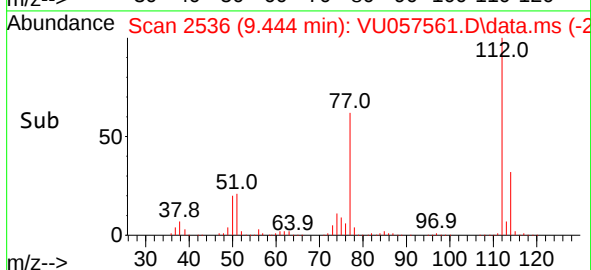
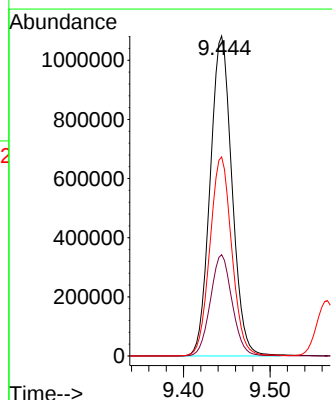
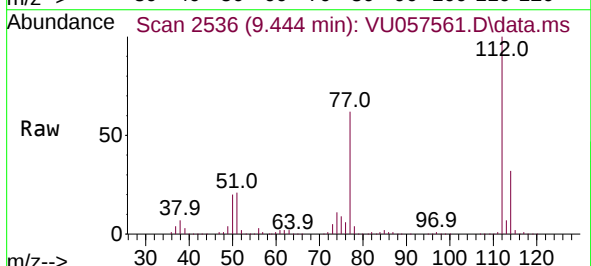
Tgt Ion:112 Resp: 1894543

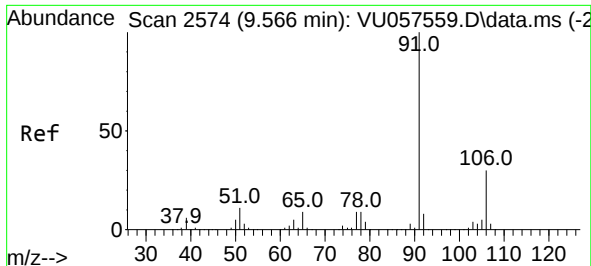
Ion Ratio Lower Upper

112 100

114 31.7 22.3 41.3

77 62.2 50.2 75.4

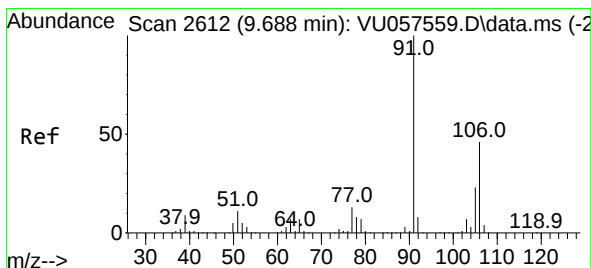
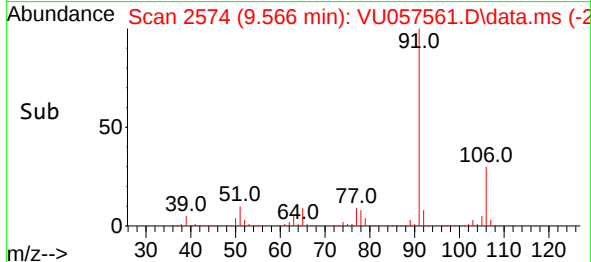
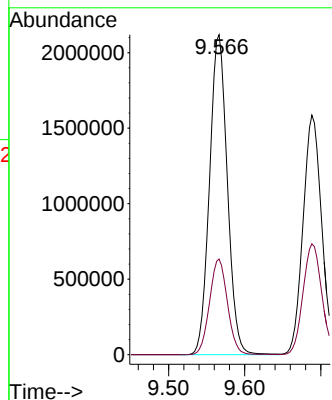
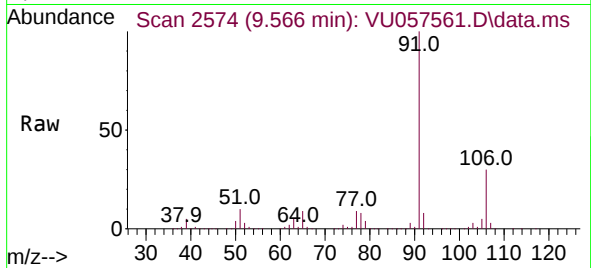




#52
Ethylbenzene
Concen: 225.165 ug/L
RT: 9.566 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU057561.D
Acq: 18 Jan 2024 15:52

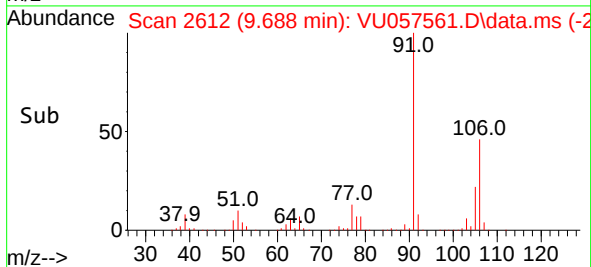
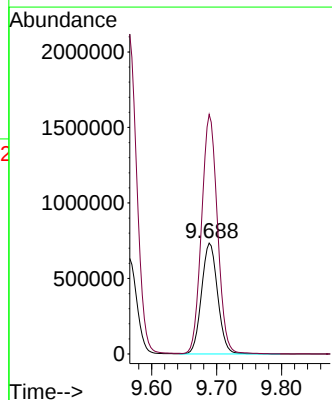
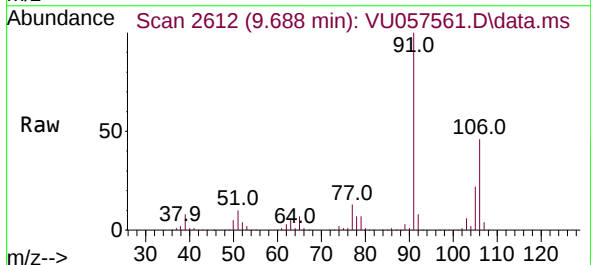
Instrument :
MSVOA_U
ClientSampleId :

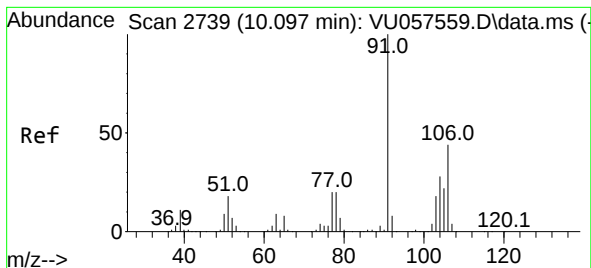
Tgt Ion: 91 Resp: 3445725
Ion Ratio Lower Upper
91 100
106 29.9 20.9 38.9



#53
m,p-Xylene
Concen: 225.041 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU057561.D
Acq: 18 Jan 2024 15:52

Tgt Ion:106 Resp: 1266762
Ion Ratio Lower Upper
106 100
91 215.9 152.2 282.6

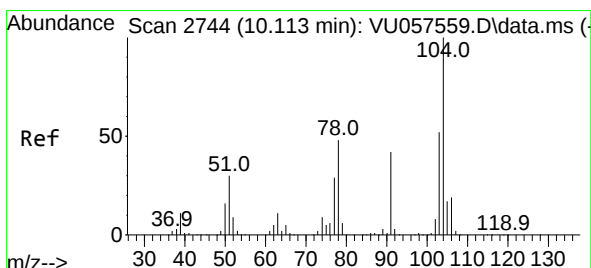
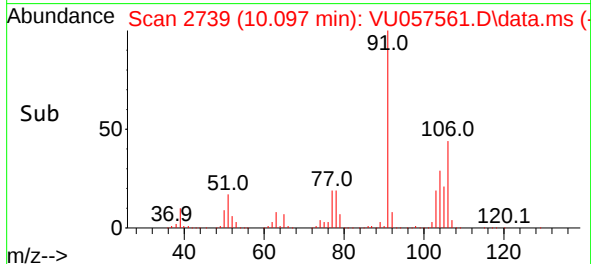
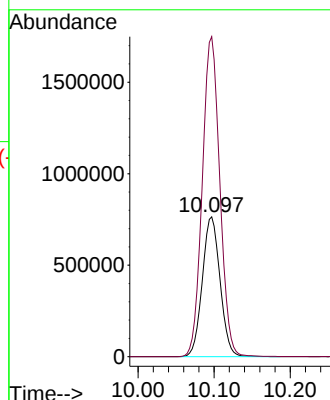
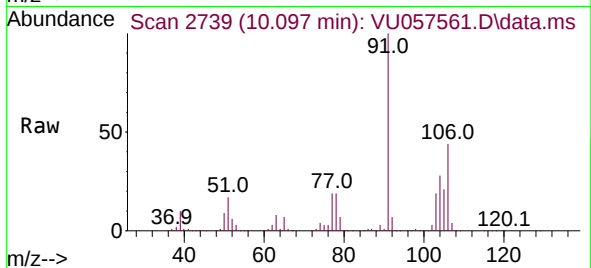




#54
o-Xylene
Concen: 229.013 ug/L
RT: 10.097 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU057561.D
Acq: 18 Jan 2024 15:52

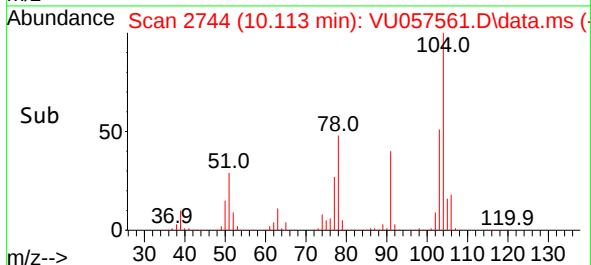
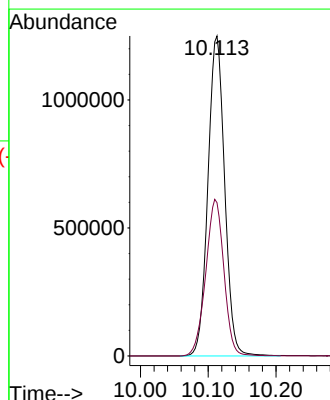
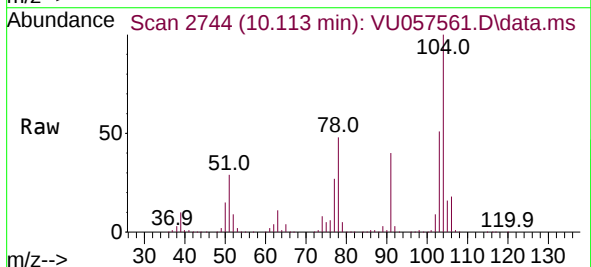
Instrument :
MSVOA_U
ClientSampleId :

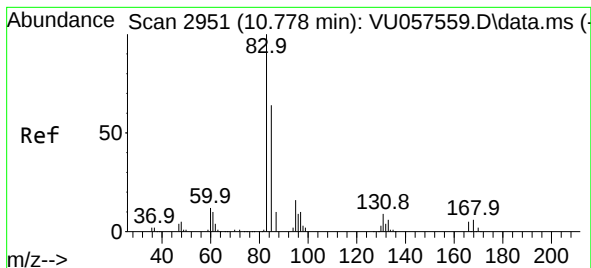
Tgt Ion:106 Resp: 1238249
Ion Ratio Lower Upper
106 100
91 228.7 160.9 298.9



#55
Styrene
Concen: 236.716 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. -0.000 min
Lab File: VU057561.D
Acq: 18 Jan 2024 15:52

Tgt Ion:104 Resp: 2142936
Ion Ratio Lower Upper
104 100
78 47.9 33.9 63.0





#57

1,1,2,2-Tetrachloroethane

Concen: 201.537 ug/L

RT: 10.782 min Scan# 2951

Delta R.T. 0.003 min

Lab File: VU057561.D

Acq: 18 Jan 2024 15:52

Instrument :

MSVOA_U

ClientSampleId :

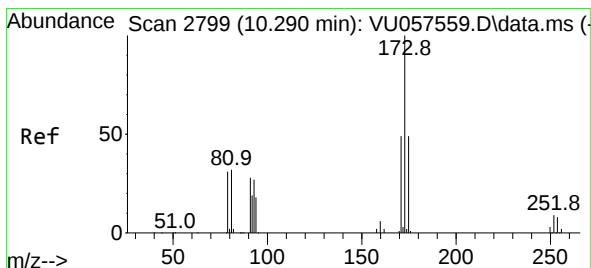
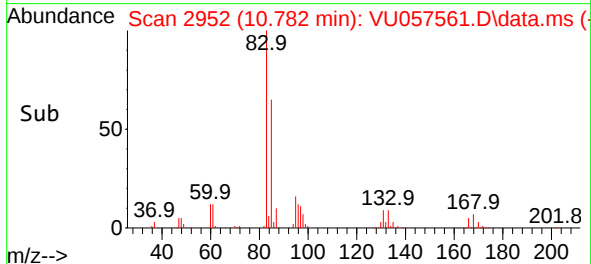
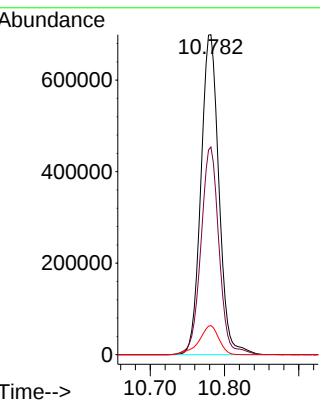
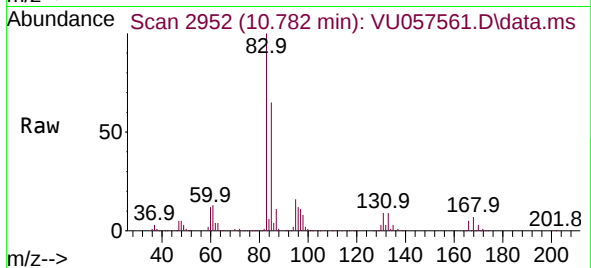
Tgt Ion: 83 Resp: 1175877

Ion Ratio Lower Upper

83 100

85 64.9 45.1 83.9

131 9.1 7.1 10.7



#59

Bromoform

Concen: 133.975 ug/L

RT: 10.293 min Scan# 2800

Delta R.T. 0.003 min

Lab File: VU057561.D

Acq: 18 Jan 2024 15:52

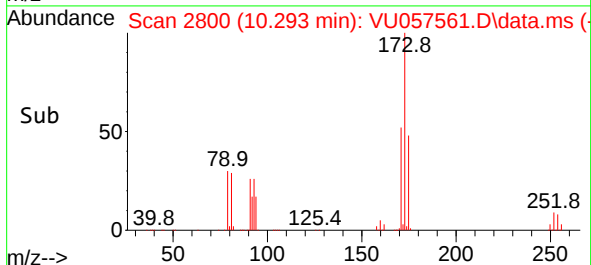
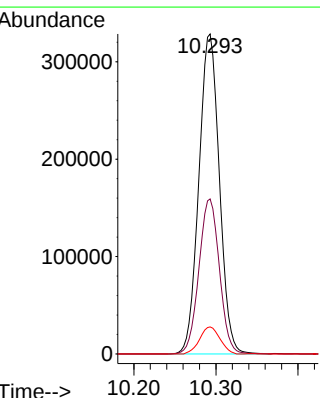
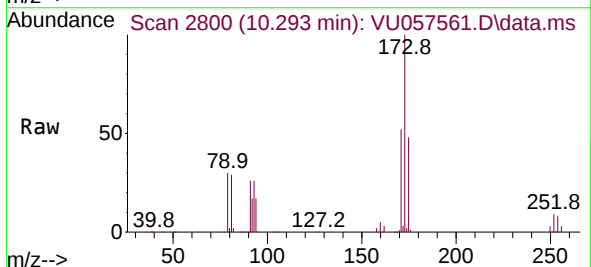
Tgt Ion:173 Resp: 570277

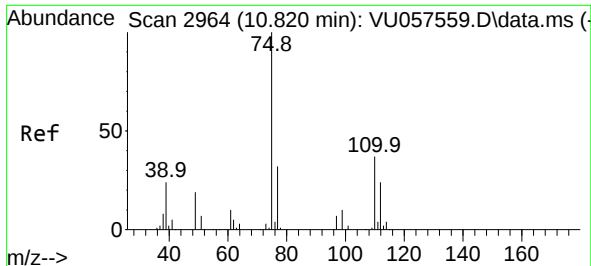
Ion Ratio Lower Upper

173 100

175 48.5 37.8 56.8

254 8.4 6.8 10.2

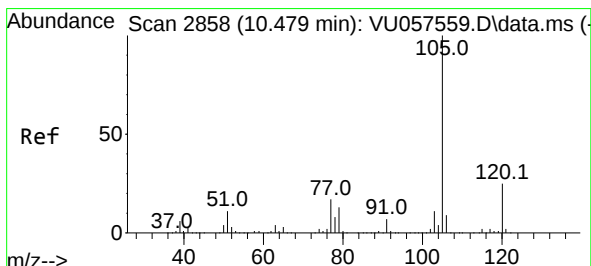
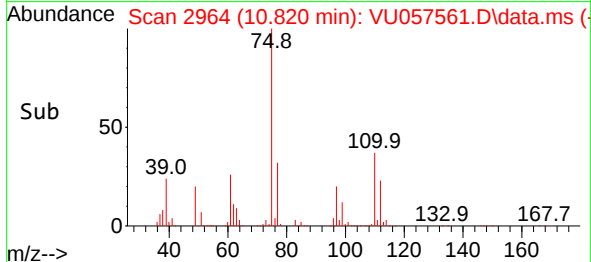
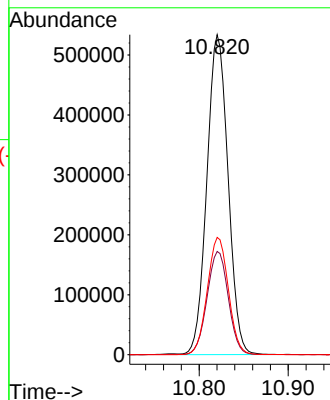
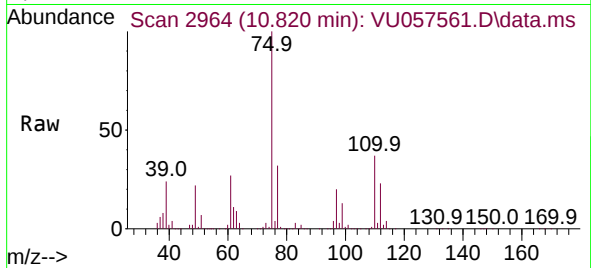




#60
1,2,3-Trichloropropane
Concen: 119.774 ug/L
RT: 10.820 min Scan# 2964
Delta R.T. -0.000 min
Lab File: VU057561.D
Acq: 18 Jan 2024 15:52

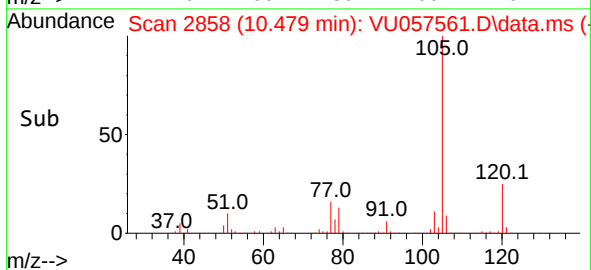
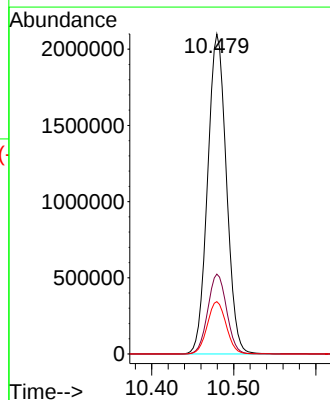
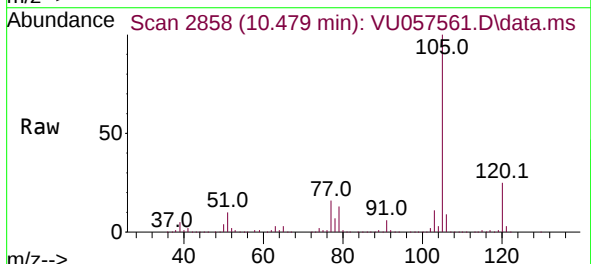
Instrument :
MSVOA_U
ClientSampleId :

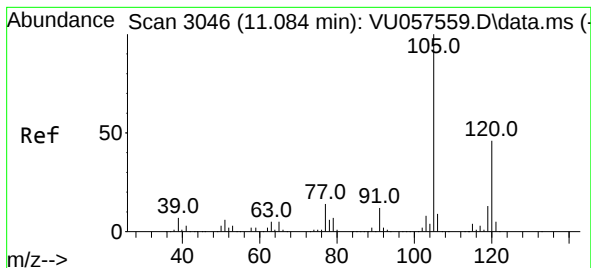
Tgt Ion: 75 Resp: 879973
Ion Ratio Lower Upper
75 100
77 32.2 25.7 38.5
110 36.5 29.1 43.7



#61
Isopropylbenzene
Concen: 145.508 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU057561.D
Acq: 18 Jan 2024 15:52

Tgt Ion: 105 Resp: 3335218
Ion Ratio Lower Upper
105 100
120 25.1 19.9 29.9
77 16.4 13.7 20.5





#62

1,3,5-Trimethylbenzene

Concen: 164.493 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. -0.000 min

Lab File: VU057561.D

Acq: 18 Jan 2024 15:52

Instrument :

MSVOA_U

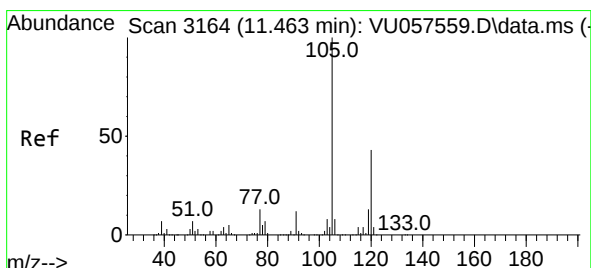
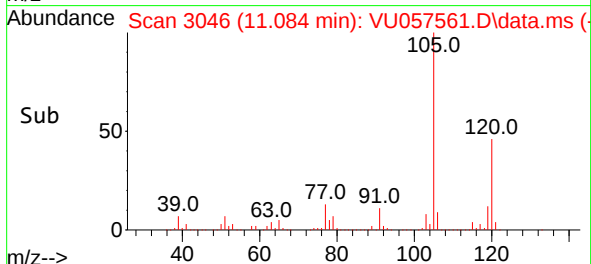
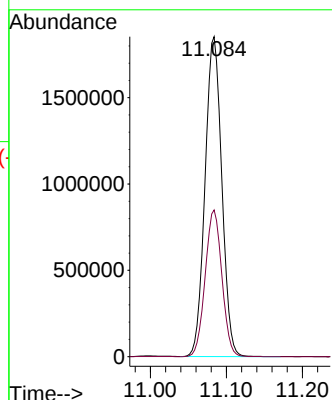
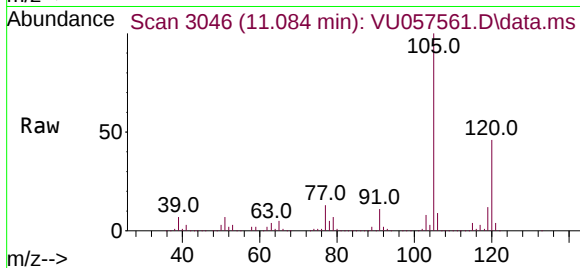
ClientSampleId :

Tgt Ion:105 Resp: 2833649

Ion Ratio Lower Upper

105 100

120 45.7 37.2 55.8



#63

1,2,4-Trimethylbenzene

Concen: 197.182 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. -0.000 min

Lab File: VU057561.D

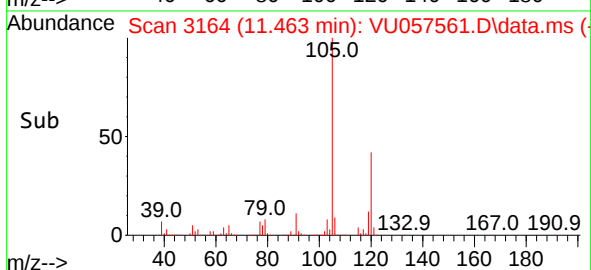
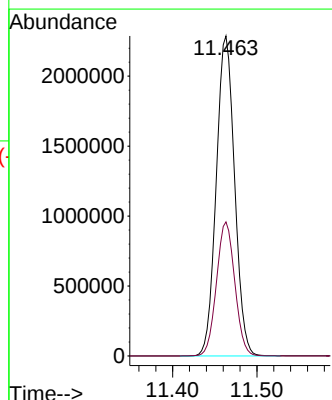
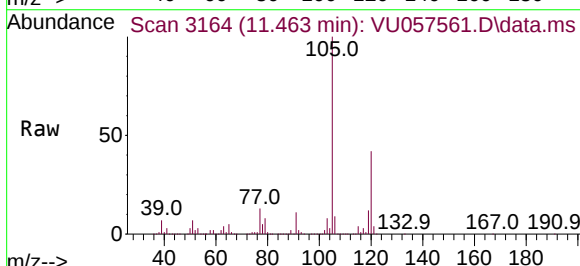
Acq: 18 Jan 2024 15:52

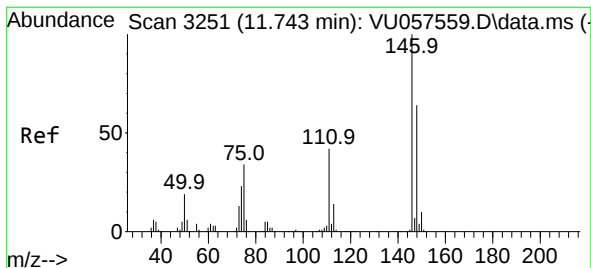
Tgt Ion:105 Resp: 3447358

Ion Ratio Lower Upper

105 100

120 41.9 34.5 51.7





#64

1,3-Dichlorobenzene

Concen: 202.353 ug/L

RT: 11.743 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU057561.D

Acq: 18 Jan 2024 15:52

Instrument :

MSVOA_U

ClientSampleId :

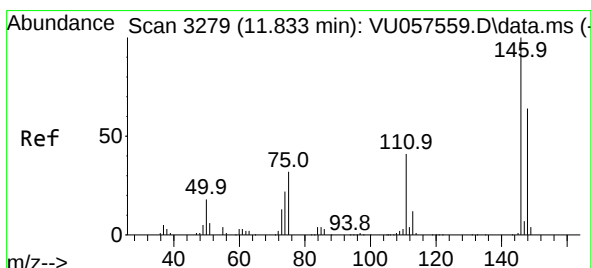
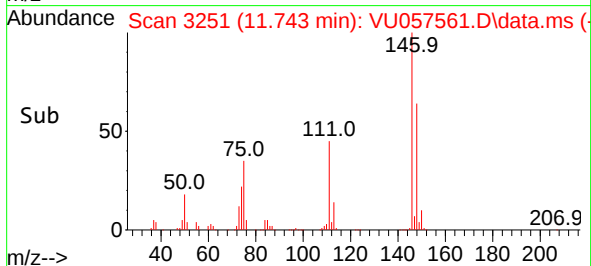
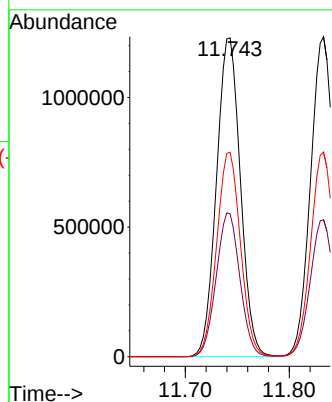
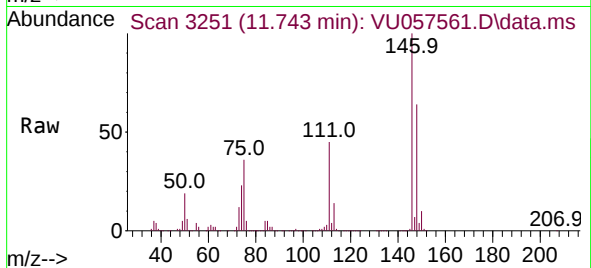
Tgt Ion:146 Resp: 1970060

Ion Ratio Lower Upper

146 100

111 44.8 29.5 54.9

148 64.2 44.9 83.3



#65

1,4-Dichlorobenzene

Concen: 198.653 ug/L

RT: 11.833 min Scan# 3279

Delta R.T. -0.000 min

Lab File: VU057561.D

Acq: 18 Jan 2024 15:52

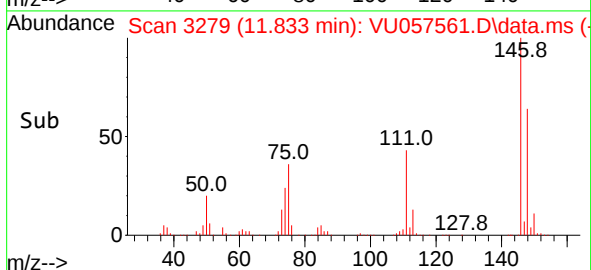
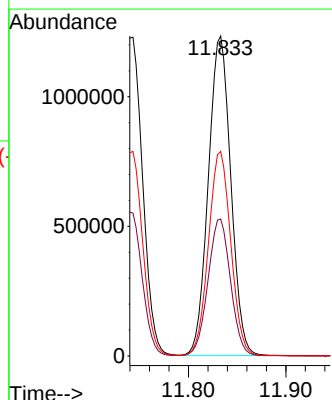
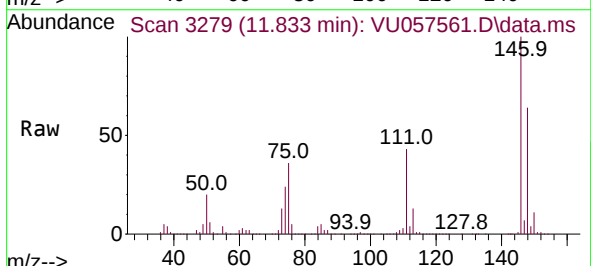
Tgt Ion:146 Resp: 1972121

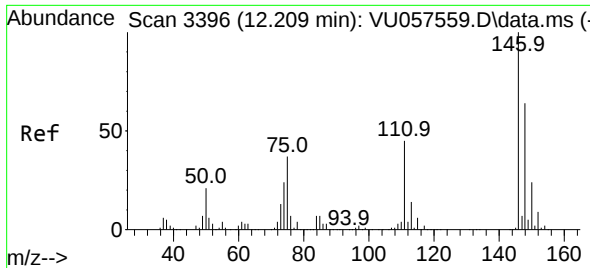
Ion Ratio Lower Upper

146 100

111 42.8 28.8 53.6

148 64.0 44.9 83.5

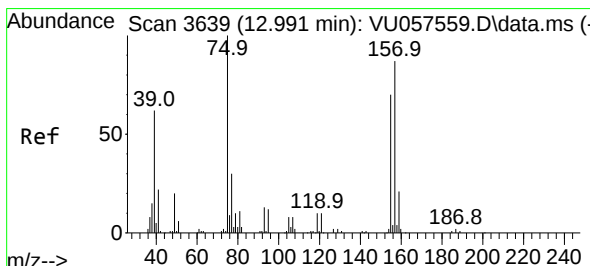
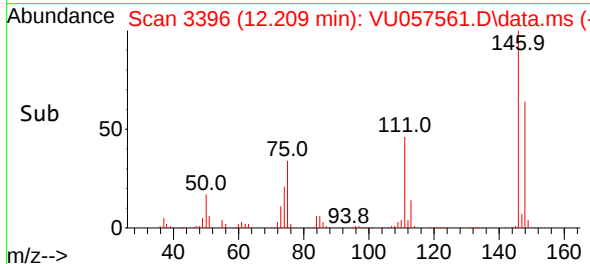
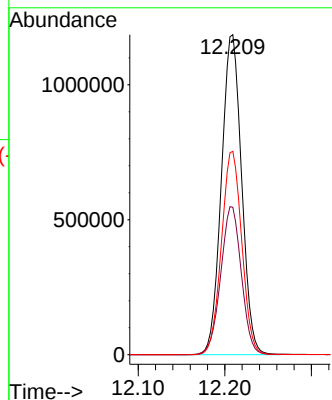
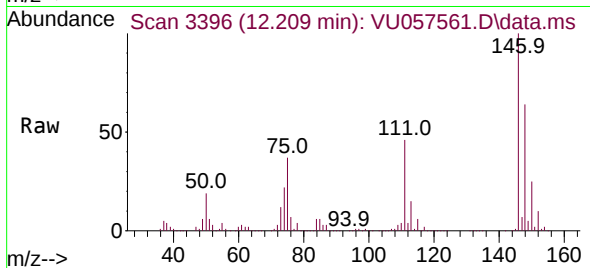




#67
1,2-Dichlorobenzene
Concen: 208.936 ug/L
RT: 12.209 min Scan# 3396
Delta R.T. -0.000 min
Lab File: VU057561.D
Acq: 18 Jan 2024 15:52

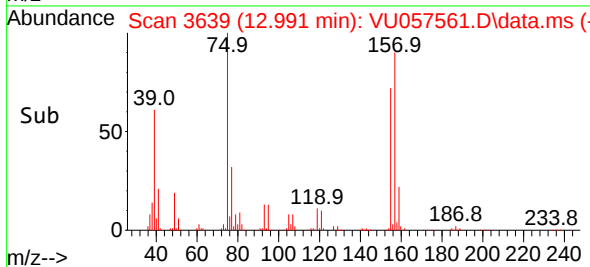
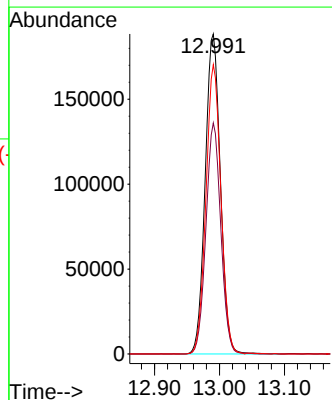
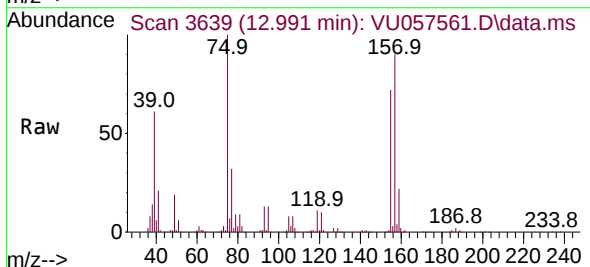
Instrument :
MSVOA_U
ClientSampleId :

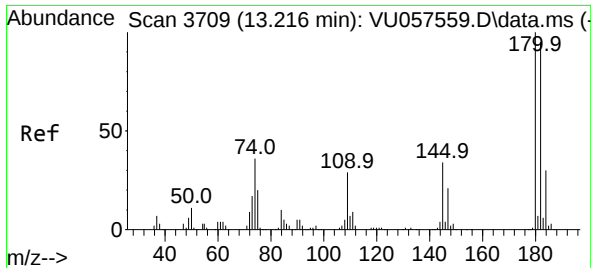
Tgt Ion:146 Resp: 1918139
Ion Ratio Lower Upper
146 100
111 46.1 36.0 54.0
148 63.5 51.4 77.0



#68
1,2-Dibromo-3-chloropropane
Concen: 201.881 ug/L
RT: 12.991 min Scan# 3639
Delta R.T. -0.000 min
Lab File: VU057561.D
Acq: 18 Jan 2024 15:52

Tgt Ion: 75 Resp: 307061
Ion Ratio Lower Upper
75 100
155 72.2 55.8 83.8
157 90.4 69.6 104.4





#69

1,3,5-Trichlorobenzene

Concen: 198.727 ug/L

RT: 13.212 min Scan# 31

Delta R.T. -0.003 min

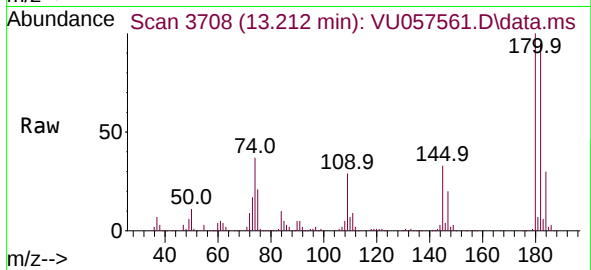
Lab File: VU057561.D

Acq: 18 Jan 2024 15:52

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 1313765

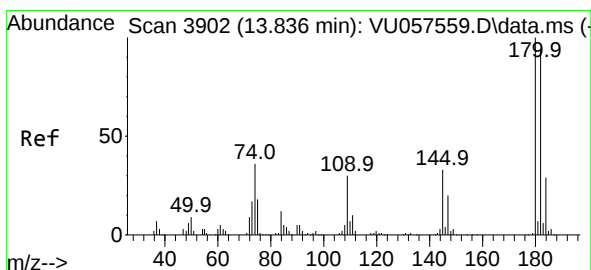
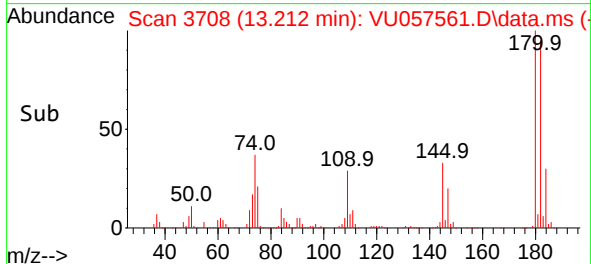
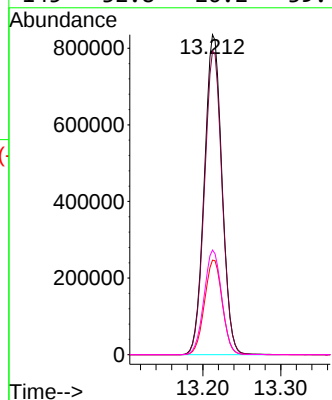
Ion Ratio Lower Upper

180 100

182 95.2 76.2 114.2

184 29.8 24.4 36.6

145 32.8 26.2 39.4



#70

1,2,4-trichlorobenzene

Concen: 194.384 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.003 min

Lab File: VU057561.D

Acq: 18 Jan 2024 15:52

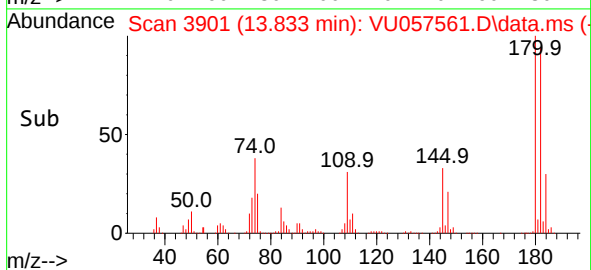
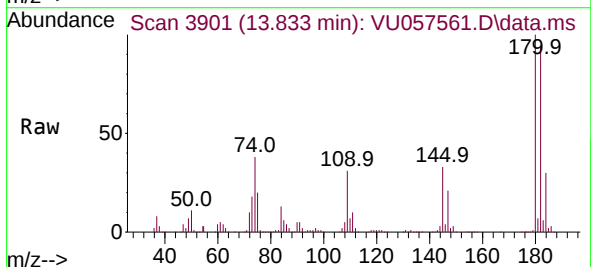
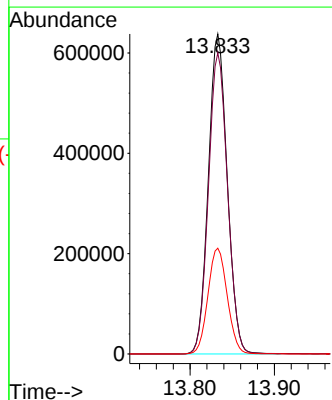
Tgt Ion:180 Resp: 994655

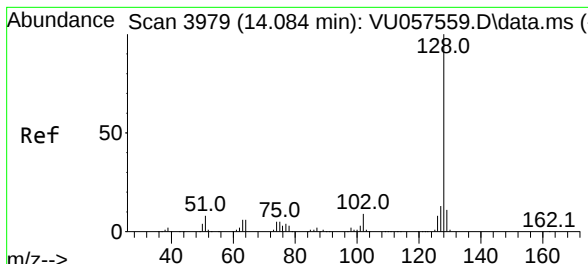
Ion Ratio Lower Upper

180 100

182 95.0 75.8 113.8

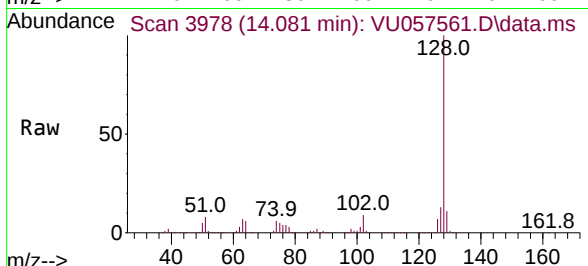
145 33.8 26.6 40.0





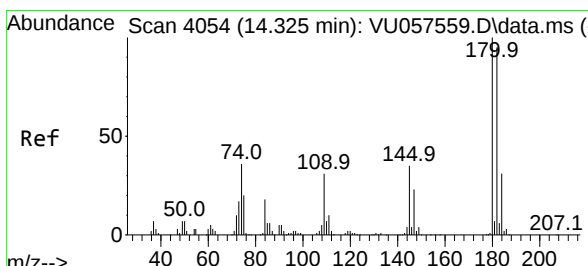
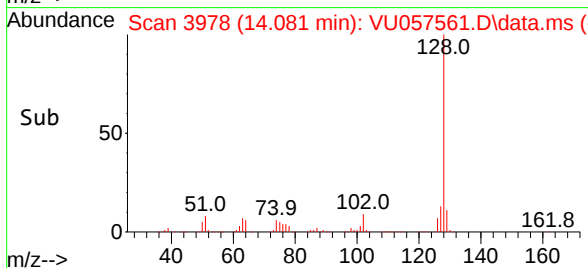
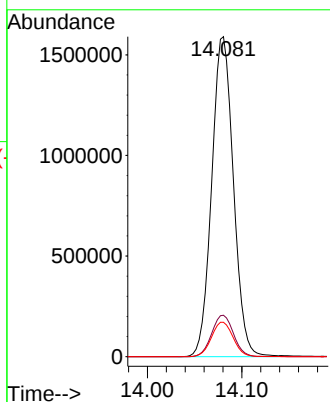
#71
Naphthalene
Concen: 207.988 ug/L
RT: 14.081 min Scan# 3979
Delta R.T. -0.003 min
Lab File: VU057561.D
Acq: 18 Jan 2024 15:52

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 2534667

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.6	16.0
129	10.8	8.4	12.6



#72
1,2,3-Trichlorobenzene
Concen: 168.953 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VU057561.D
Acq: 18 Jan 2024 15:52

Tgt Ion:180 Resp: 783114

Ion	Ratio	Lower	Upper
180	100		
182	95.2	77.7	116.5
145	34.1	28.3	42.5

