

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010824\
 Data File : VU057377.D
 Acq On : 08 Jan 2024 11:58
 Operator : MD/SY
 Sample : VSTD010
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 09 00:20:50 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	248134	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	246902	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	118849	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	16764	9.816	ug/L	0.00
7) Chloroethane-d5	1.914	69	12774	9.665	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	63	36328	10.036	ug/L	0.00
21) 2-Butanone-d5	4.650	46	10560	12.761	ug/L	0.02
24) Chloroform-d	5.058	84	39922	9.885	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.698	65	26932	10.095	ug/L	0.00
32) Benzene-d6	5.721	84	63184	9.533	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.689	67	18031	9.639	ug/L	0.00
41) Toluene-d8	7.894	98	55712	8.970	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.177	79	10235	9.167	ug/L	0.00
47) 2-Hexanone-d5	8.644	63	10477	17.133	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	26673	9.542	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	21761	9.362	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	30313	10.708	ug/L	94
3) Chloromethane	1.518	50	20433	11.503	ug/L	95
5) Vinyl chloride	1.605	62	20345	10.699	ug/L	96
6) Bromomethane	1.856	94	12941	10.282	ug/L	99
8) Chloroethane	1.933	64	11874	10.675	ug/L	93
9) Trichlorofluoromethane	2.133	101	41051	10.346	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	19575	10.273	ug/L	99
12) 1,1-Dichloroethene	2.576	96	16918	10.062	ug/L	96
13) Acetone	2.650	43	20603	20.191	ug/L	99
14) Carbon disulfide	2.788	76	54000	10.370	ug/L	98
15) Methyl Acetate	2.952	43	14247	10.837	ug/L #	88
16) Methylene chloride	3.046	84	20704	10.831	ug/L	85
17) trans-1,2-Dichloroethene	3.348	96	17781	10.338	ug/L	98
18) Methyl tert-butyl Ether	3.354	73	53827	9.777	ug/L	98
19) 1,1-Dichloroethane	3.862	63	33321	10.464	ug/L	98
20) cis-1,2-Dichloroethene	4.663	96	18115	9.845	ug/L	99
22) 2-Butanone	4.724	43	18282	18.411	ug/L	95
23) Bromochloromethane	4.965	128	11224	10.627	ug/L	94
25) Chloroform	5.081	83	40762	10.548	ug/L	100
27) 1,2-Dichloroethane	5.792	62	33100	10.168	ug/L	98
29) Cyclohexane	5.380	56	22523	9.642	ug/L	96
30) 1,1,1-Trichloroethane	5.312	97	39729	10.458	ug/L	99
31) Carbon tetrachloride	5.518	117	35101	10.418	ug/L	99
33) Benzene	5.769	78	72095	10.390	ug/L	100
34) Trichloroethene	6.537	95	20315	10.028	ug/L	92
35) Methylcyclohexane	6.756	83	25025	9.080	ug/L	94
37) 1,2-Dichloropropane	6.785	63	18368	10.727	ug/L #	87
38) Bromodichloromethane	7.100	83	29307	10.104	ug/L	96
39) cis-1,3-Dichloropropene	7.602	75	28876	9.631	ug/L	95
40) 4-Methyl-2-pentanone	7.795	43	34894	20.001	ug/L	98
42) Toluene	7.965	91	75396	10.105	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	29001	9.634	ug/L	97

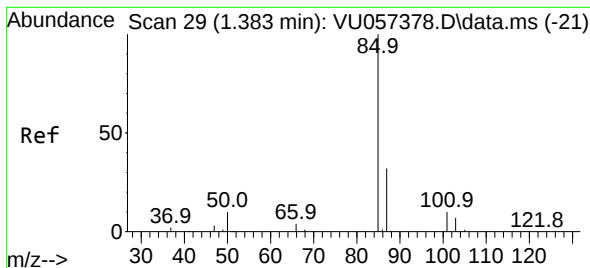
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010824\
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 Quant Title : VOC Analysis
 QLast Update : Tue Jan 09 00:19:47 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.393	97	19661	10.436	ug/L	96
46) Tetrachloroethene	8.547	164	15801	10.311	ug/L	96
48) 2-Hexanone	8.692	43	26262	18.359	ug/L	92
49) Dibromochloromethane	8.804	129	23636	10.295	ug/L	94
50) 1,2-Dibromoethane	8.917	107	20658	10.337	ug/L	99
51) Chlorobenzene	9.444	112	50058	9.985	ug/L	98
52) Ethylbenzene	9.566	91	77398	9.316	ug/L	99
53) m,p-Xylene	9.692	106	29250	9.418	ug/L	93
54) o-Xylene	10.094	106	28645	9.444	ug/L	86
55) Styrene	10.113	104	45259	8.812	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	30835	10.854	ug/L	96
59) Bromoform	10.290	173	18035	10.466	ug/L #	94
60) 1,2,3-Trichloropropane	10.820	75	24601	10.928	ug/L	96
61) Isopropylbenzene	10.479	105	74374	9.556	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	59267	8.904	ug/L	97
63) 1,2,4-Trimethylbenzene	11.463	105	59285	9.073	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	37076	10.108	ug/L	100
65) 1,4-Dichlorobenzene	11.833	146	38422	10.204	ug/L	95
67) 1,2-Dichlorobenzene	12.209	146	37787	10.221	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.991	75	6493	10.802	ug/L	90
69) 1,3,5-Trichlorobenzene	13.212	180	25293	9.633	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	18059	9.034	ug/L	93
71) Naphthalene	14.084	128	40501	8.671	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	17800	9.416	ug/L	97

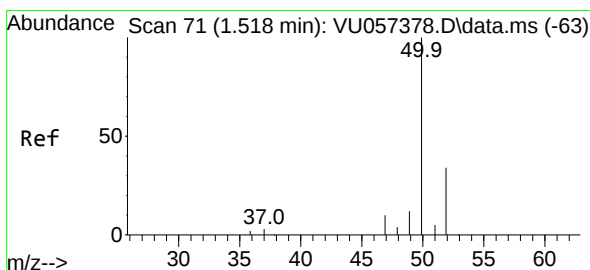
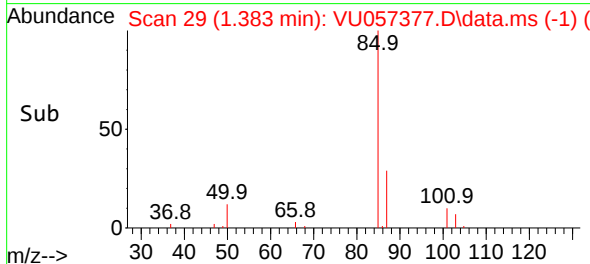
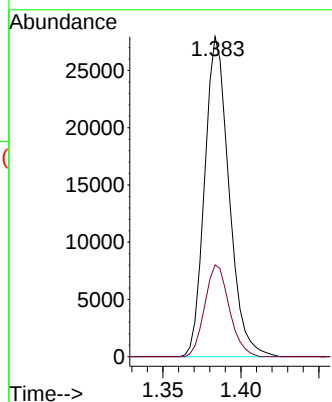
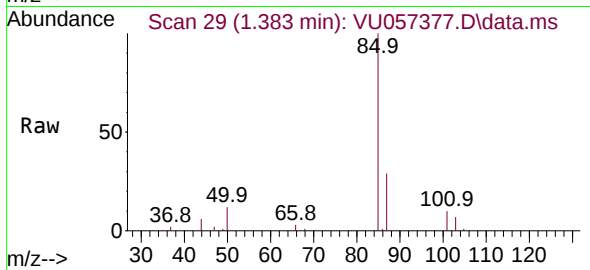
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#2
 Dichlorodifluoromethane
 Concen: 10.708 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU057377.D
 Acq: 08 Jan 2024 11:58

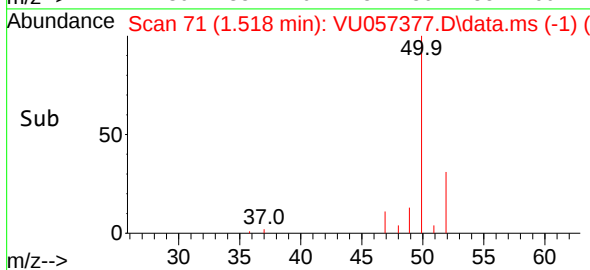
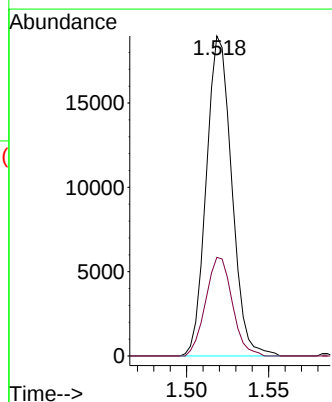
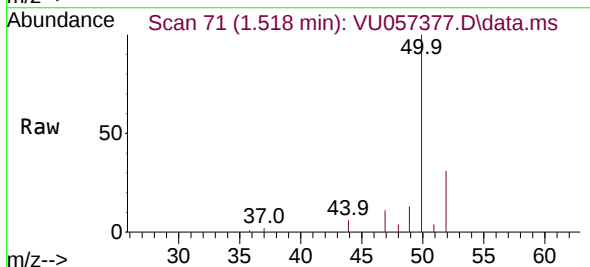
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 ClientSampleId :

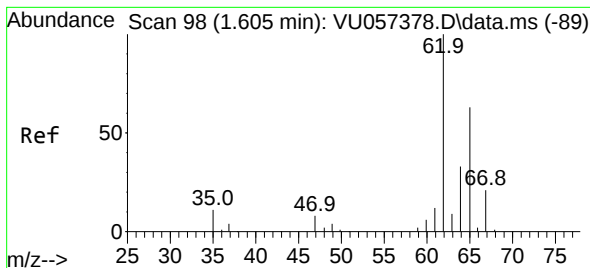
Tgt Ion: 85 Resp: 30313
 Ion Ratio Lower Upper
 85 100
 87 28.9 25.8 38.6



#3
 Chloromethane
 Concen: 11.503 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU057377.D
 Acq: 08 Jan 2024 11:58

Tgt Ion: 50 Resp: 20433
 Ion Ratio Lower Upper
 50 100
 52 30.8 23.7 43.9





#5

Vinyl chloride

Concen: 10.699 ug/L

RT: 1.605 min Scan# 98

Delta R.T. 0.000 min

Lab File: VU057377.D

Acq: 08 Jan 2024 11:58

Instrument :

MSVOA_U

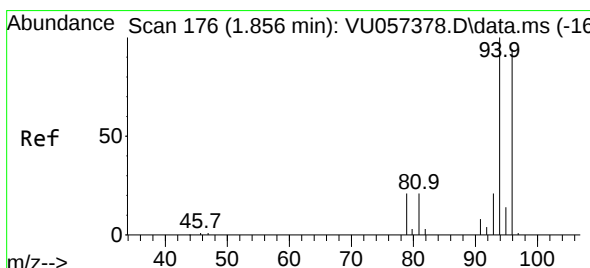
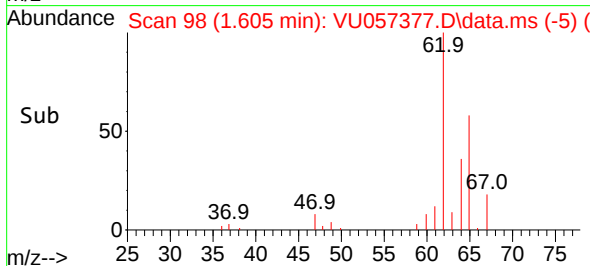
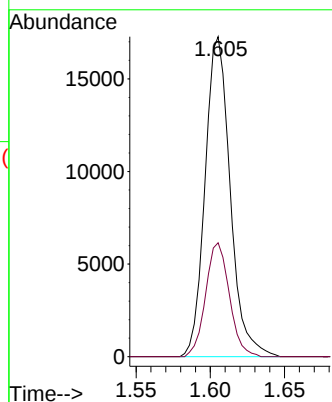
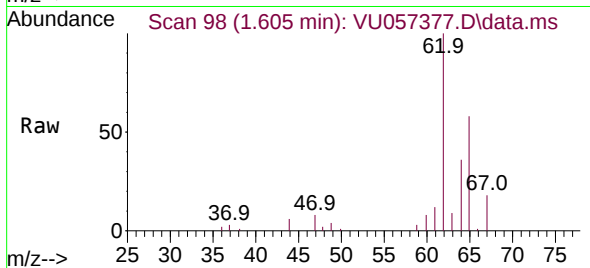
ClientSampleId :

Tgt Ion: 62 Resp: 20345

Ion Ratio Lower Upper

62 100

64 35.6 23.3 43.3



#6

Bromomethane

Concen: 10.282 ug/L

RT: 1.856 min Scan# 176

Delta R.T. 0.000 min

Lab File: VU057377.D

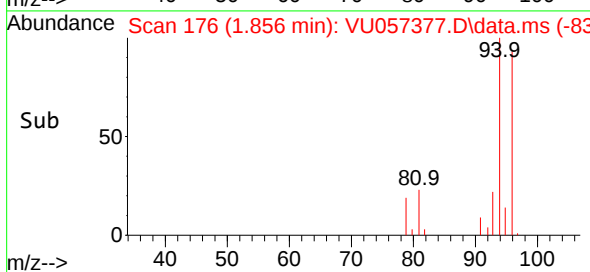
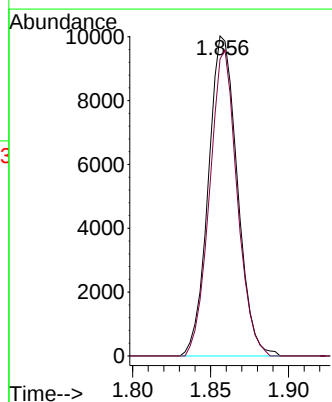
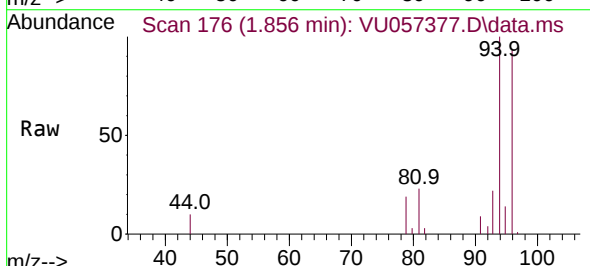
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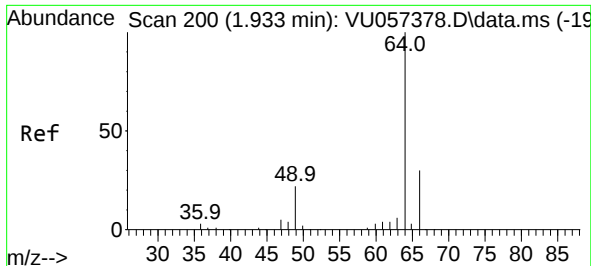
Tgt Ion: 94 Resp: 12941

Ion Ratio Lower Upper

94 100

96 92.8 65.9 122.5

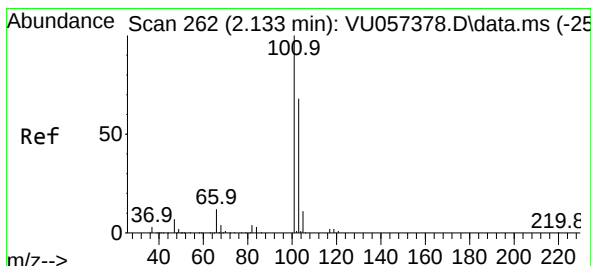
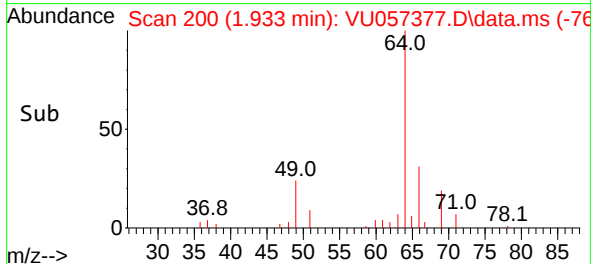
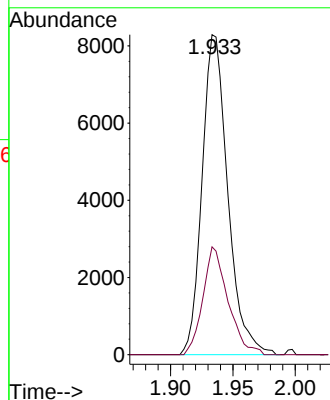
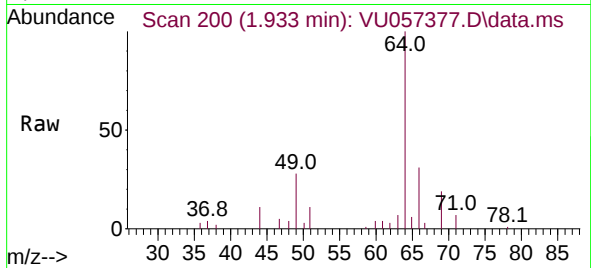




#8
Chloroethane
Concen: 10.675 ug/L
RT: 1.933 min Scan# 200
Delta R.T. 0.000 min
Lab File: VU057377.D
Acq: 08 Jan 2024 11:58

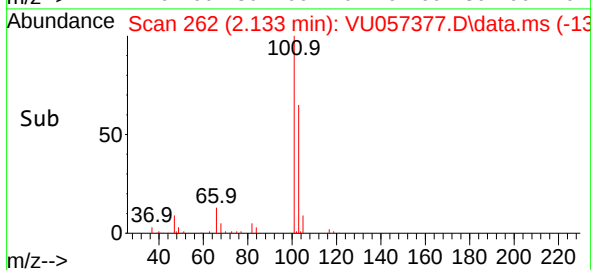
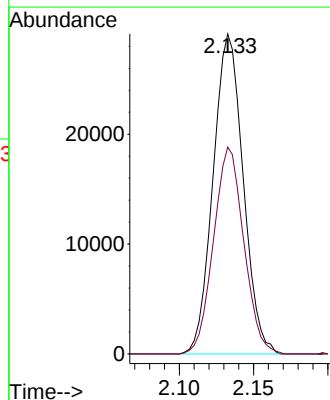
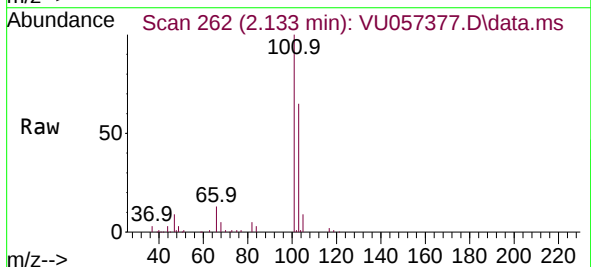
Instrument :
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ClientSampleId :

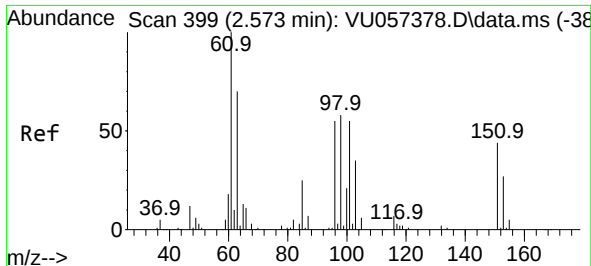
Tgt Ion: 64 Resp: 11874
Ion Ratio Lower Upper
64 100
66 33.7 20.9 38.9



#9
Trichlorofluoromethane
Concen: 10.346 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU057377.D
Acq: 08 Jan 2024 11:58

Tgt Ion:101 Resp: 41051
Ion Ratio Lower Upper
101 100
103 65.0 53.4 80.0

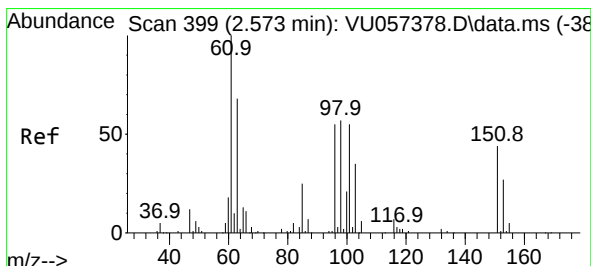
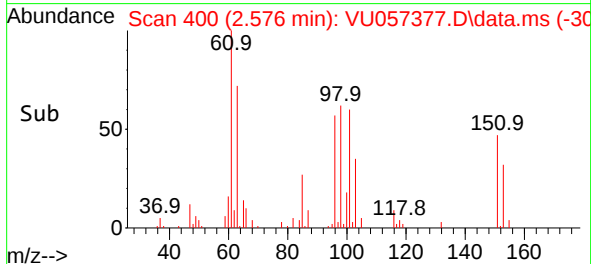
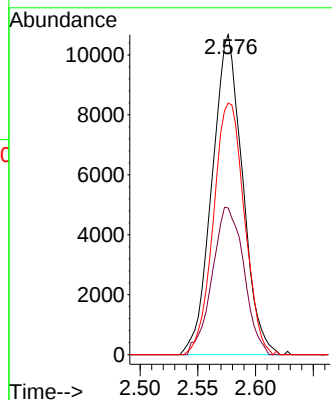
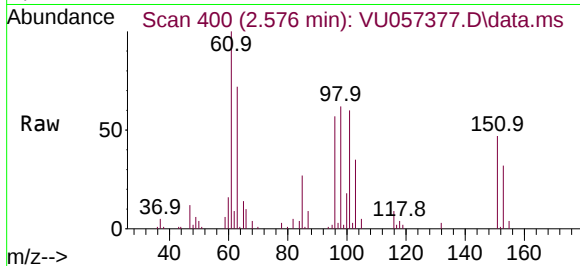




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 10.273 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU057377.D
Acq: 08 Jan 2024 11:58

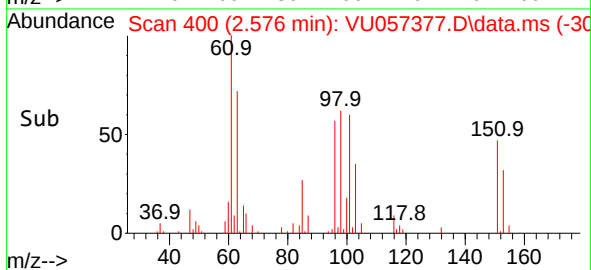
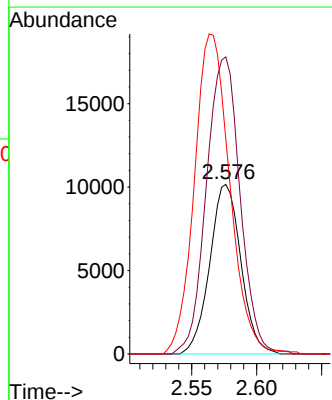
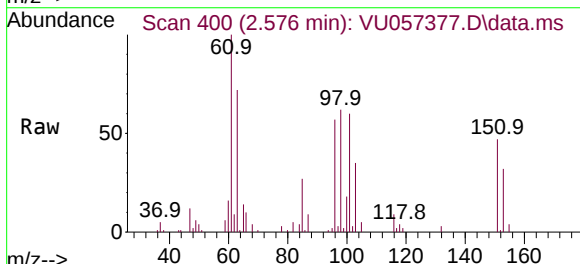
Instrument :
MSVOA_U
ClientSampleId :

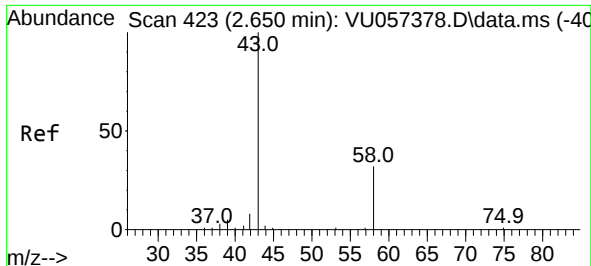
Tgt Ion:101 Resp: 19575
Ion Ratio Lower Upper
101 100
85 47.8 37.0 55.4
151 79.8 63.7 95.5



#12
1,1-Dichloroethene
Concen: 10.062 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU057377.D
Acq: 08 Jan 2024 11:58

Tgt Ion: 96 Resp: 16918
Ion Ratio Lower Upper
96 100
61 175.2 128.3 238.3
63 126.6 90.4 168.0





#13

Acetone

Concen: 20.191 ug/L

RT: 2.650 min Scan# 41

Delta R.T. 0.000 min

Lab File: VU057377.D

Acq: 08 Jan 2024 11:58

Instrument :

MSVOA_U

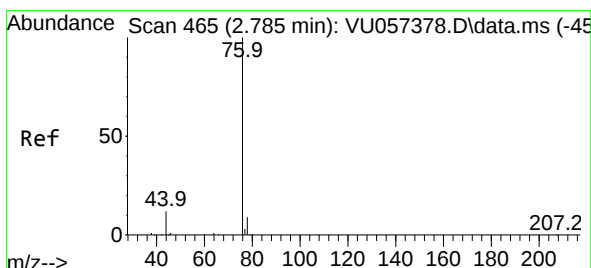
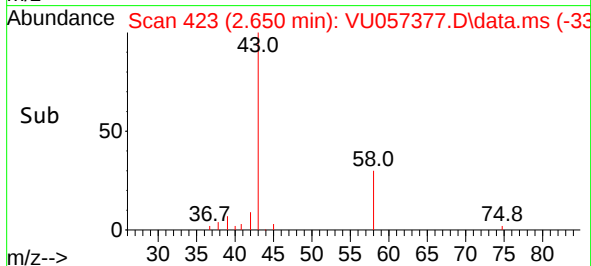
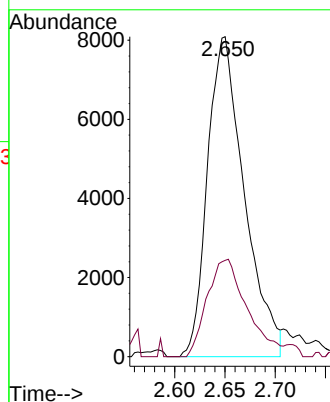
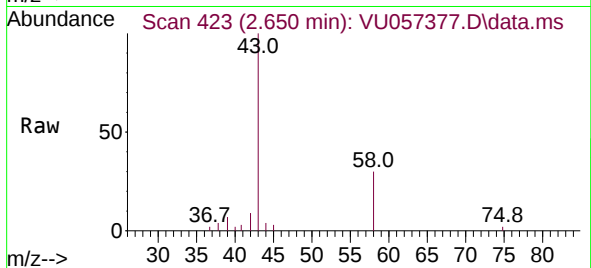
ClientSampleId :

Tgt Ion: 43 Resp: 20603

Ion Ratio Lower Upper

43 100

58 33.1 0.0 65.2



#14

Carbon disulfide

Concen: 10.370 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.003 min

Lab File: VU057377.D

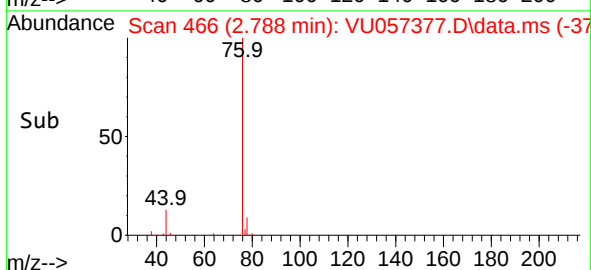
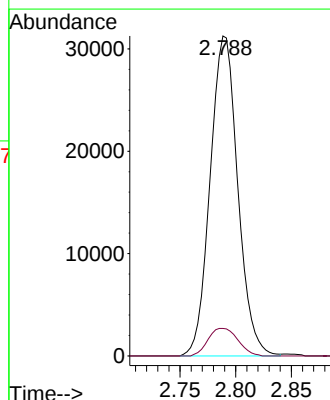
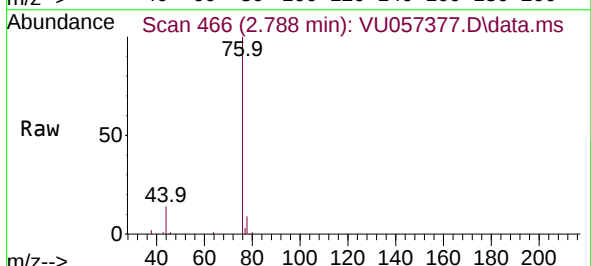
Acq: 08 Jan 2024 11:58

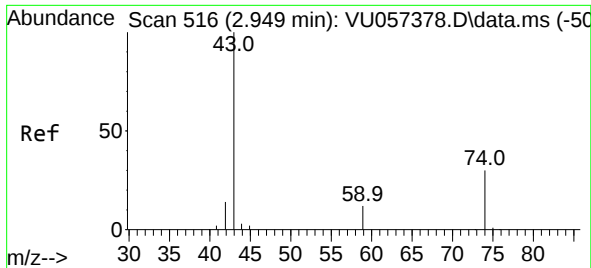
Tgt Ion: 76 Resp: 54000

Ion Ratio Lower Upper

76 100

78 8.6 7.5 11.3

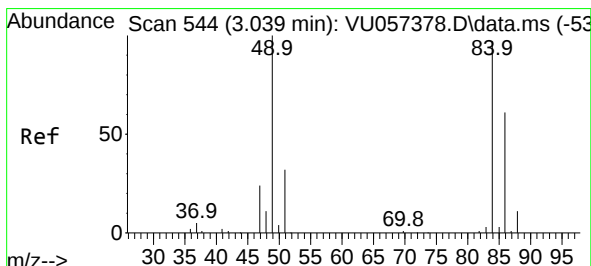
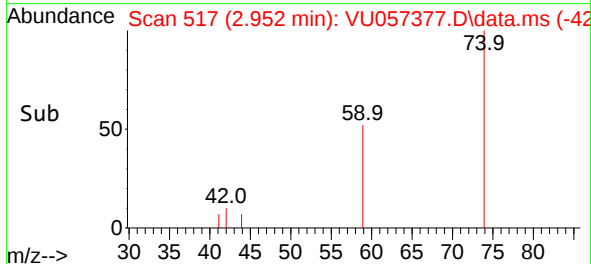
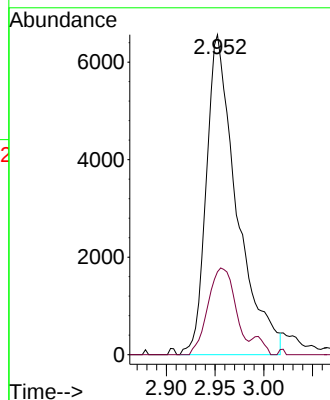
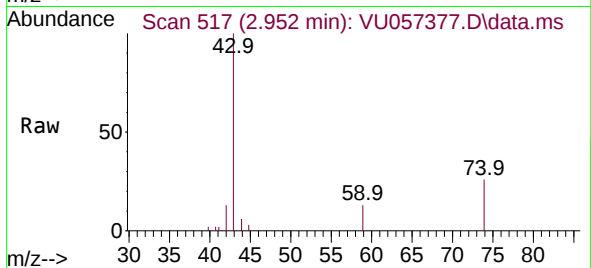




#15
Methyl Acetate
Concen: 10.837 ug/L
RT: 2.952 min Scan# 516
Delta R.T. 0.003 min
Lab File: VU057377.D
Acq: 08 Jan 2024 11:58

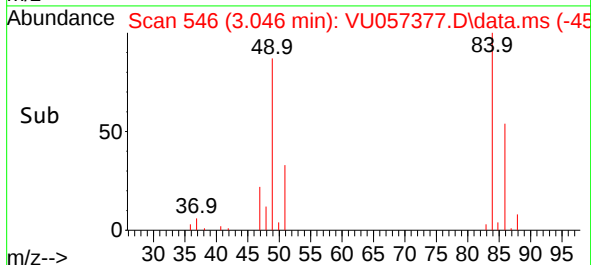
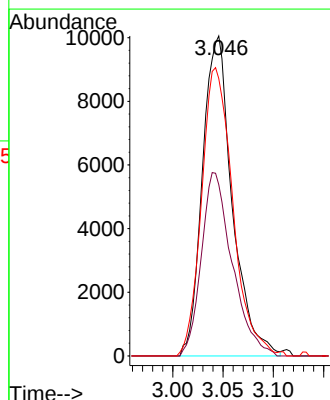
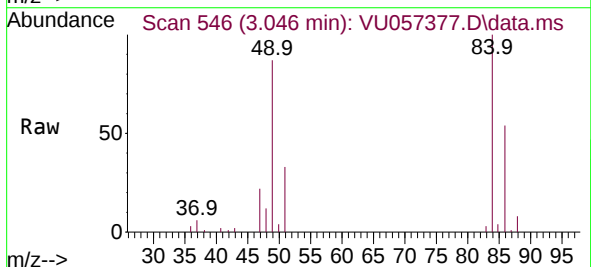
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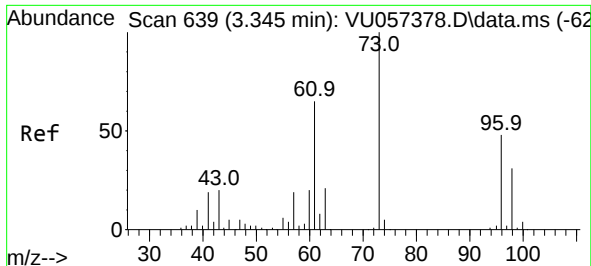
Tgt Ion: 43 Resp: 14247
Ion Ratio Lower Upper
43 100
74 24.4 24.6 36.8#



#16
Methylene chloride
Concen: 10.831 ug/L
RT: 3.046 min Scan# 546
Delta R.T. 0.006 min
Lab File: VU057377.D
Acq: 08 Jan 2024 11:58

Tgt Ion: 84 Resp: 20704
Ion Ratio Lower Upper
84 100
86 53.5 44.3 82.3
49 86.7 72.2 134.2

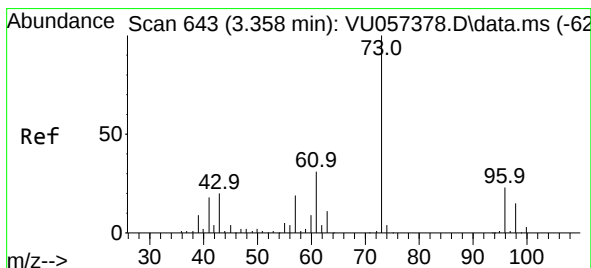
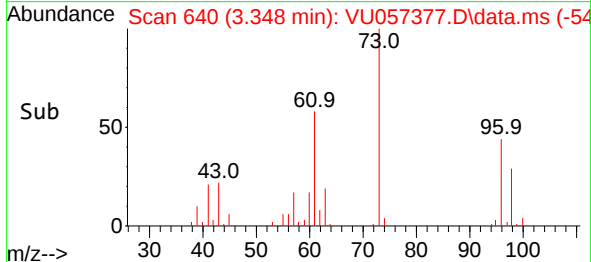
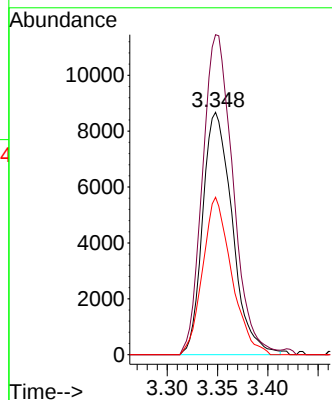
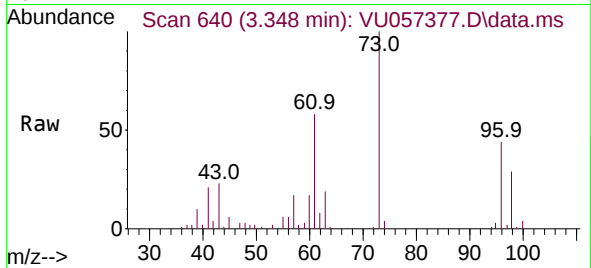




#17
trans-1,2-Dichloroethene
Concen: 10.338 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU057377.D
Acq: 08 Jan 2024 11:58

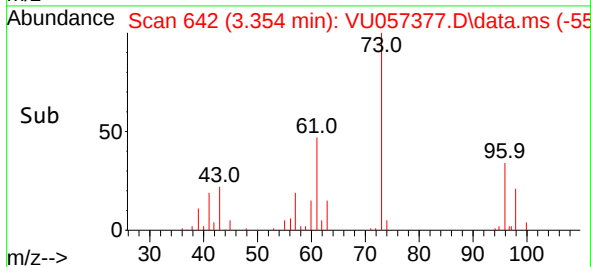
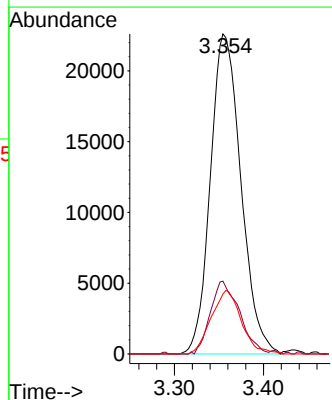
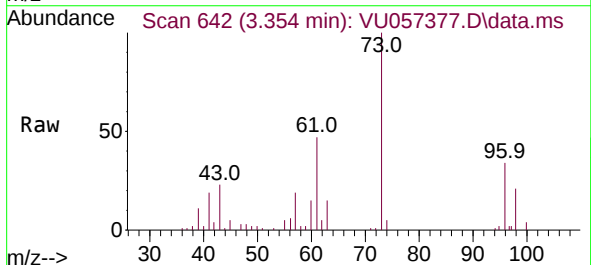
Instrument :
MSVOA_U
ClientSampleId :

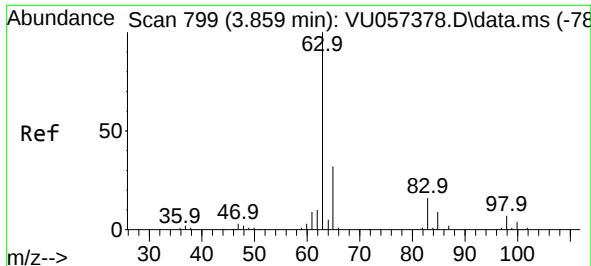
Tgt Ion: 96 Resp: 17781
Ion Ratio Lower Upper
96 100
61 132.0 93.9 174.5
98 65.0 44.8 83.2



#18
Methyl tert-butyl Ether
Concen: 9.777 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.003 min
Lab File: VU057377.D
Acq: 08 Jan 2024 11:58

Tgt Ion: 73 Resp: 53827
Ion Ratio Lower Upper
73 100
43 21.6 16.3 24.5
57 19.6 15.0 22.6





#19

1,1-Dichloroethane

Concen: 10.464 ug/L

RT: 3.862 min Scan# 80

Delta R.T. 0.003 min

Lab File: VU057377.D

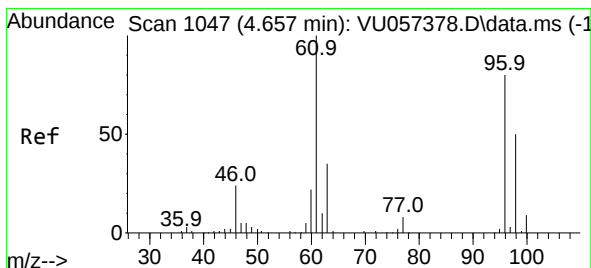
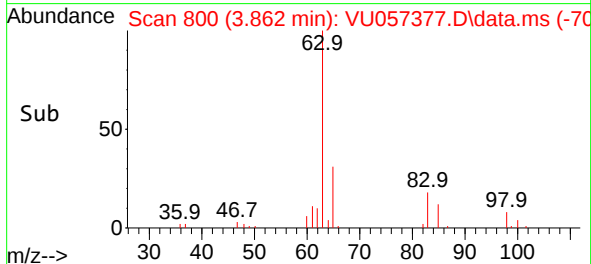
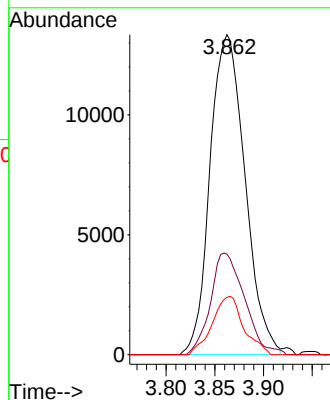
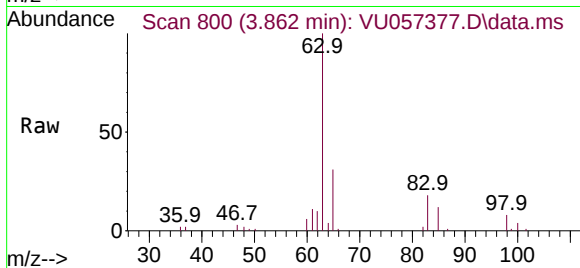
Acq: 08 Jan 2024 11:58

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 63	Resp: 33321
Ion Ratio	Lower Upper
63 100	
65 31.5	22.4 41.6
83 17.9	11.3 21.1



#20

cis-1,2-Dichloroethene

Concen: 9.845 ug/L

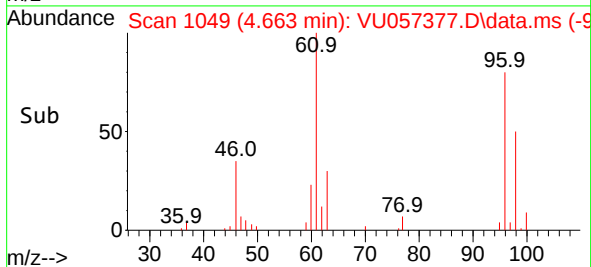
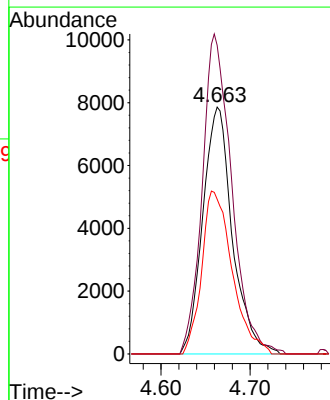
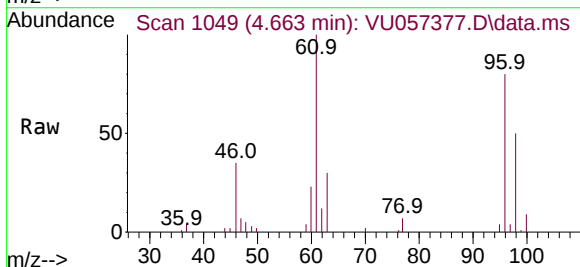
RT: 4.663 min Scan# 1049

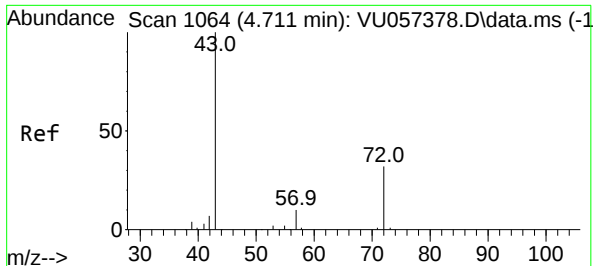
Delta R.T. 0.006 min

Lab File: VU057377.D

Acq: 08 Jan 2024 11:58

Tgt Ion: 96	Resp: 18115
Ion Ratio	Lower Upper
96 100	
61 125.0	88.0 163.4
98 62.7	43.4 80.6

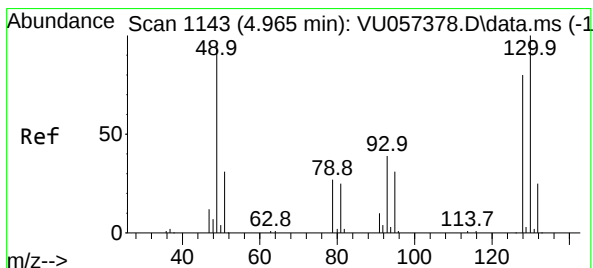
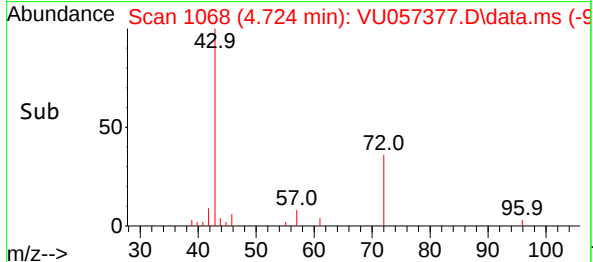
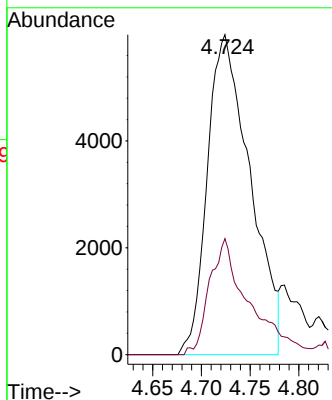
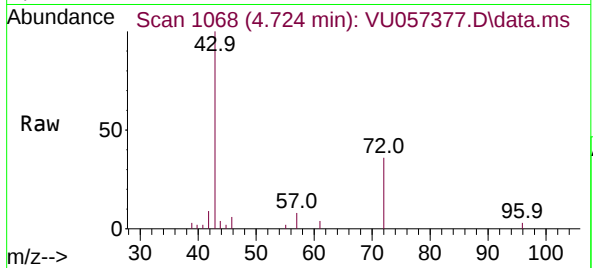




#22
2-Butanone
Concen: 18.411 ug/L
RT: 4.724 min Scan# 1068
Delta R.T. 0.013 min
Lab File: VU057377.D
Acq: 08 Jan 2024 11:58

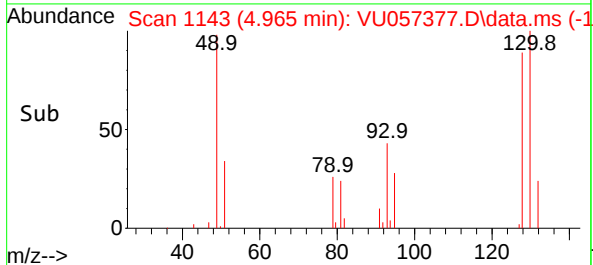
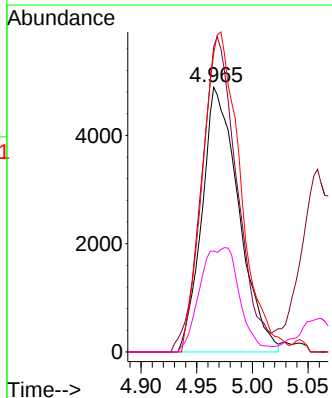
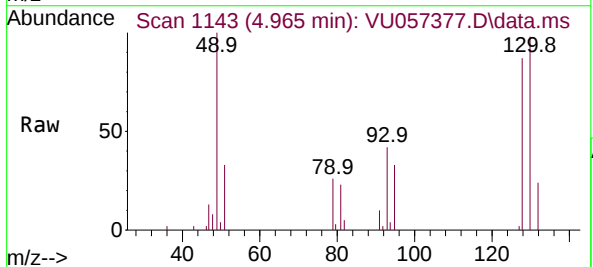
Instrument :
MSVOA_U
ClientSampleId :

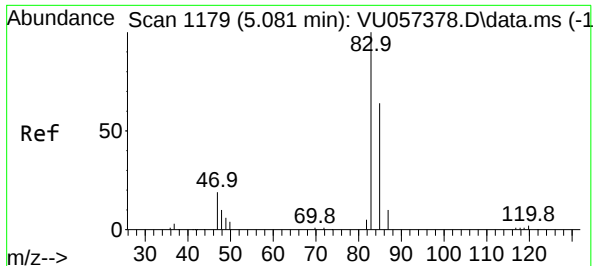
Tgt Ion: 43 Resp: 18282
Ion Ratio Lower Upper
43 100
72 33.2 15.2 45.6



#23
Bromochloromethane
Concen: 10.627 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VU057377.D
Acq: 08 Jan 2024 11:58

Tgt Ion: 128 Resp: 11224
Ion Ratio Lower Upper
128 100
49 115.4 83.4 154.8
130 112.8 87.6 162.6
51 38.1 31.0 46.6





#25

Chloroform

Concen: 10.548 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VU057377.D

Acq: 08 Jan 2024 11:58

Instrument :

MSVOA_U

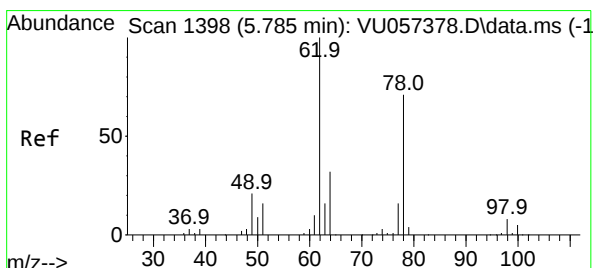
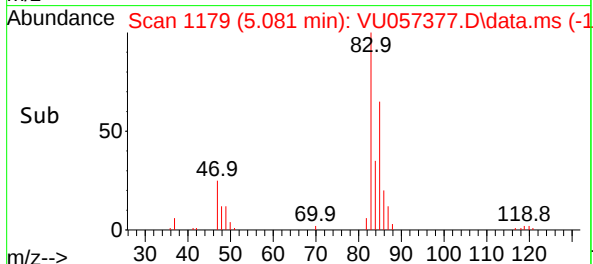
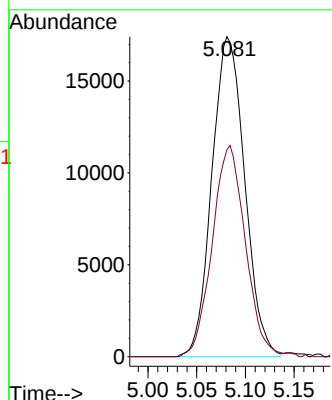
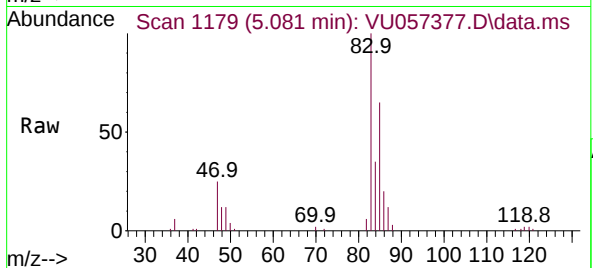
ClientSampleId :

Tgt Ion: 83 Resp: 40762

Ion Ratio Lower Upper

83 100

85 64.7 45.5 84.5



#27

1,2-Dichloroethane

Concen: 10.168 ug/L

RT: 5.792 min Scan# 1400

Delta R.T. 0.006 min

Lab File: VU057377.D

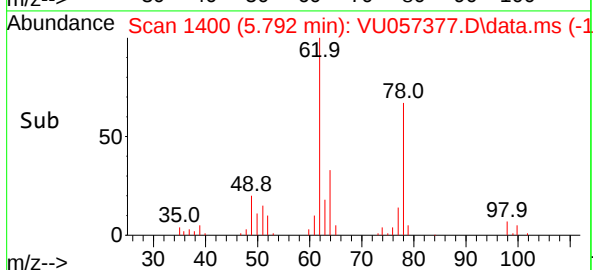
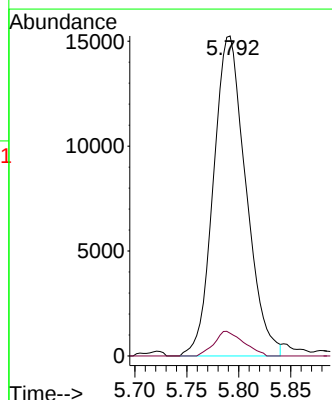
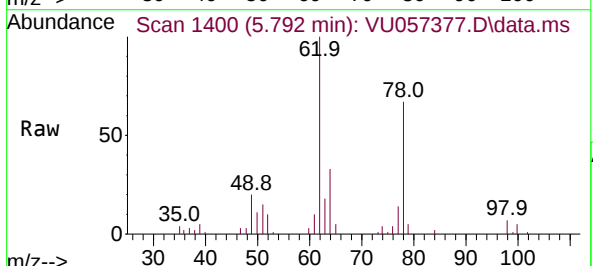
Acq: 08 Jan 2024 11:58

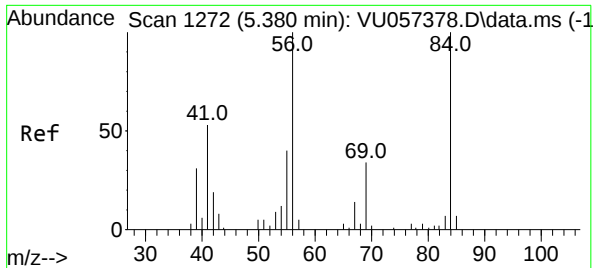
Tgt Ion: 62 Resp: 33100

Ion Ratio Lower Upper

62 100

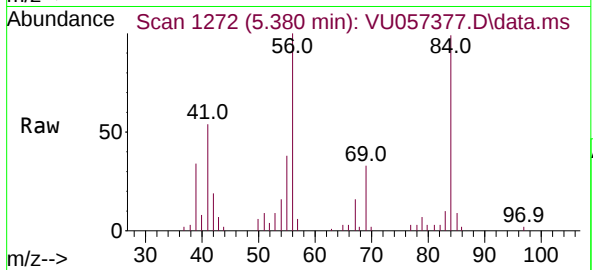
98 7.1 6.1 9.1



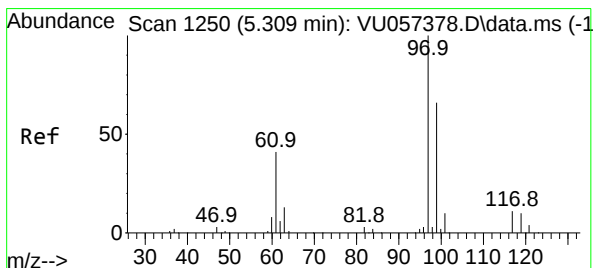
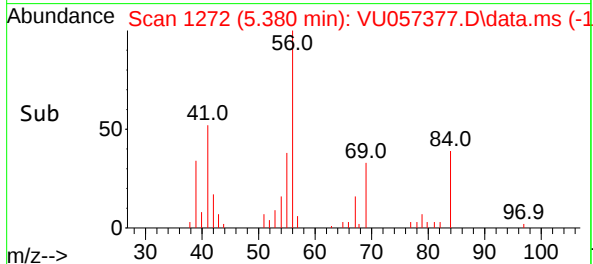
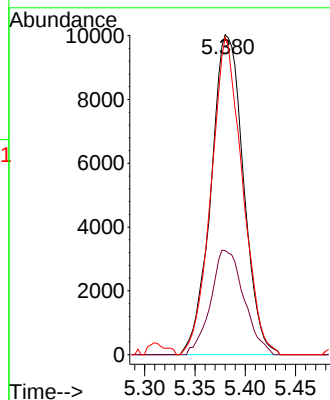


#29
Cyclohexane
Concen: 9.642 ug/L
RT: 5.380 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU057377.D
Acq: 08 Jan 2024 11:58

Instrument :
MSVOA_U
ClientSampleId :

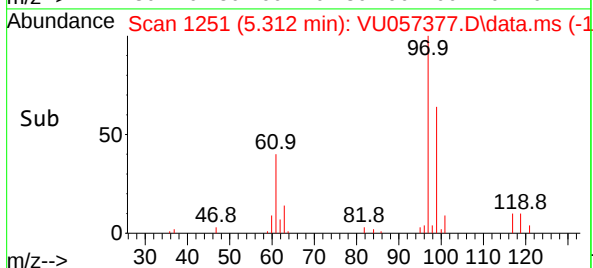
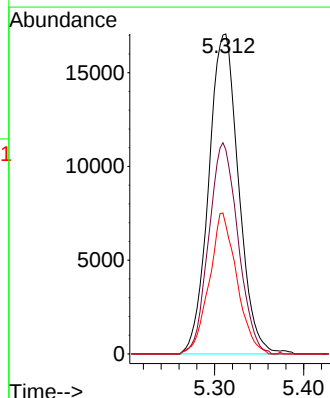
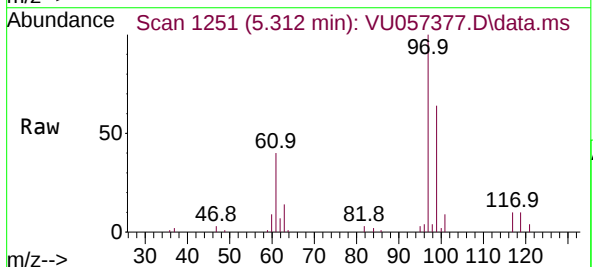


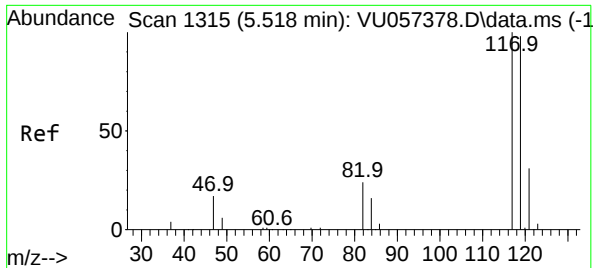
Tgt Ion:	56	Resp:	22523
Ion	Ratio	Lower	Upper
56	100		
69	33.4	27.8	41.8
84	95.2	79.3	118.9



#30
1,1,1-Trichloroethane
Concen: 10.458 ug/L
RT: 5.312 min Scan# 1251
Delta R.T. 0.003 min
Lab File: VU057377.D
Acq: 08 Jan 2024 11:58

Tgt Ion:	97	Resp:	39729
Ion	Ratio	Lower	Upper
97	100		
99	64.5	52.1	78.1
61	40.6	31.9	47.9

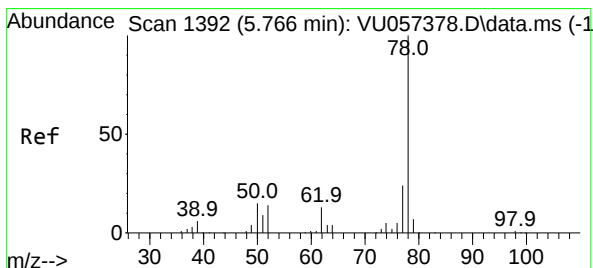
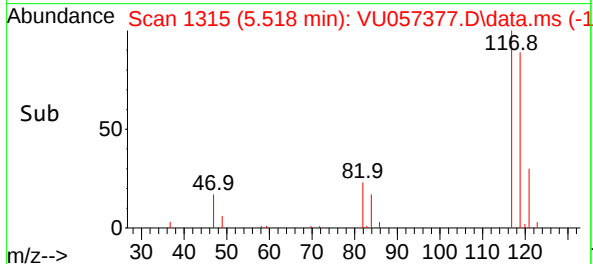
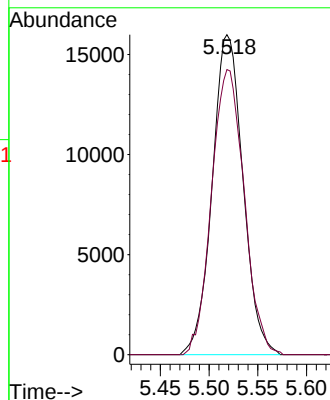
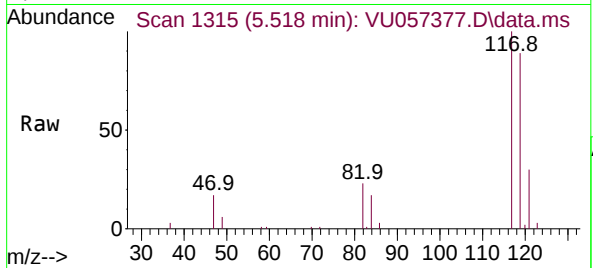




#31
Carbon tetrachloride
Concen: 10.418 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU057377.D
Acq: 08 Jan 2024 11:58

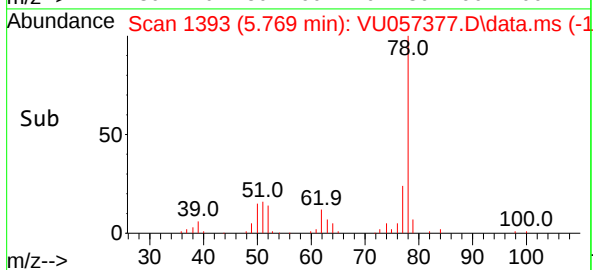
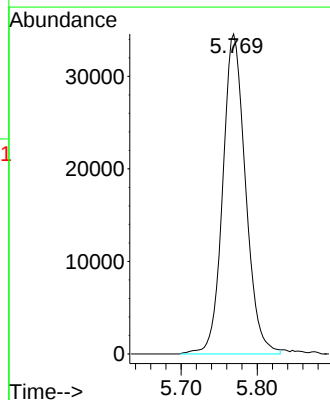
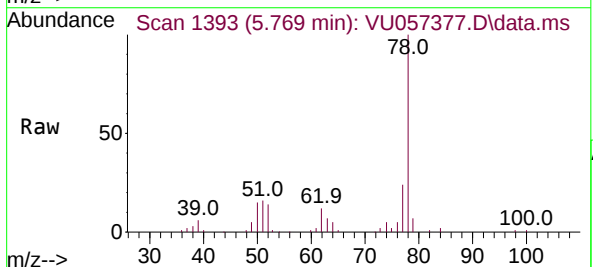
Instrument :
MSVOA_U
ClientSampleId :

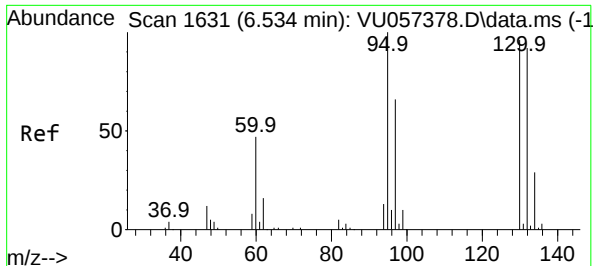
Tgt Ion:117 Resp: 35101
Ion Ratio Lower Upper
117 100
119 94.4 76.5 114.7



#33
Benzene
Concen: 10.390 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.003 min
Lab File: VU057377.D
Acq: 08 Jan 2024 11:58

Tgt Ion: 78 Resp: 72095





#34

Trichloroethene

Concen: 10.028 ug/L

RT: 6.537 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU057377.D

Acq: 08 Jan 2024 11:58

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 20315

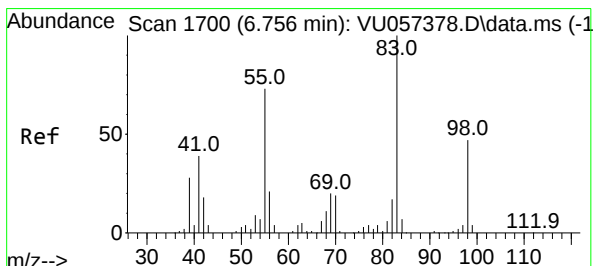
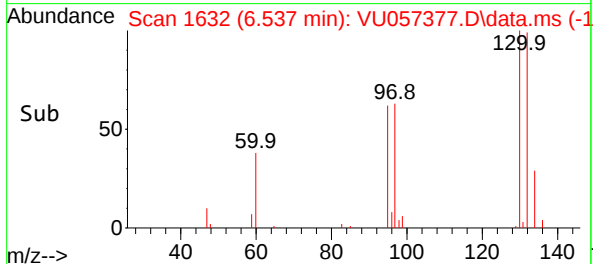
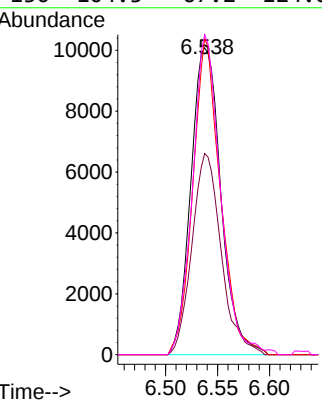
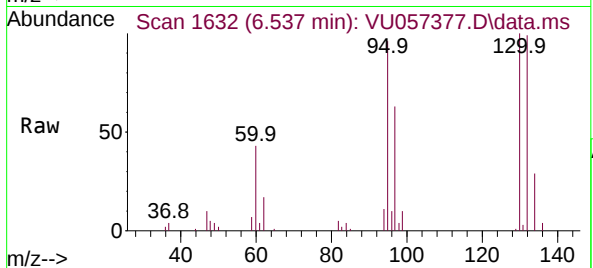
Ion Ratio Lower Upper

95 100

97 65.5 46.2 85.8

132 102.9 64.3 119.5

130 104.3 67.2 124.8



#35

Methylcyclohexane

Concen: 9.080 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VU057377.D

Acq: 08 Jan 2024 11:58

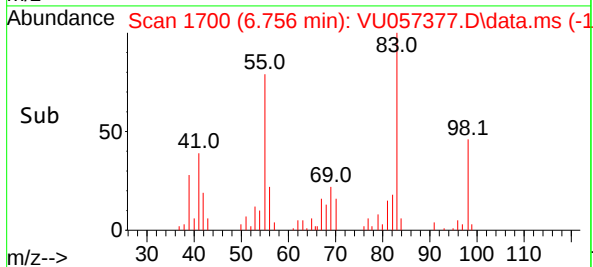
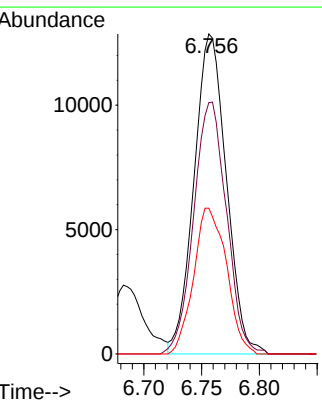
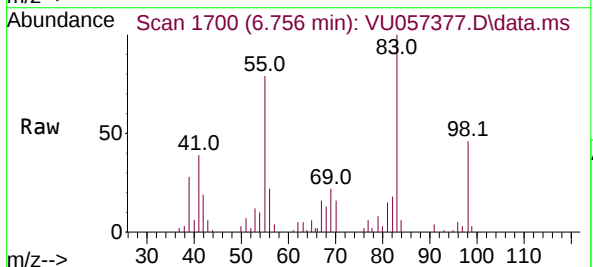
Tgt Ion: 83 Resp: 25025

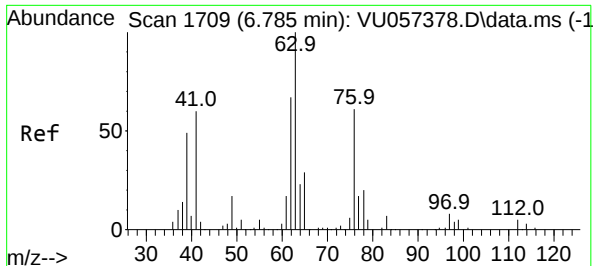
Ion Ratio Lower Upper

83 100

55 79.8 58.0 87.0

98 46.3 36.6 55.0





#37

1,2-Dichloropropane

Concen: 10.727 ug/L

RT: 6.785 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU057377.D

Acq: 08 Jan 2024 11:58

Instrument :

MSVOA_U

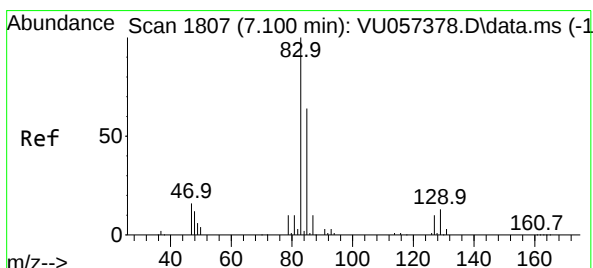
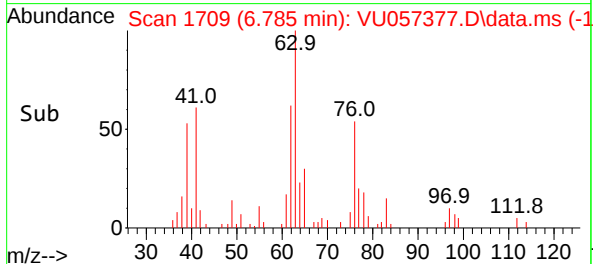
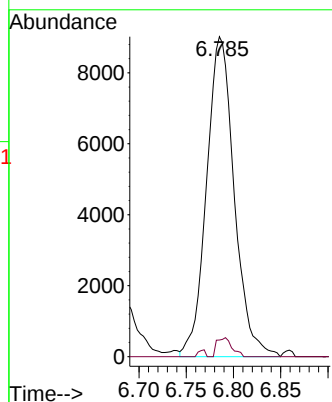
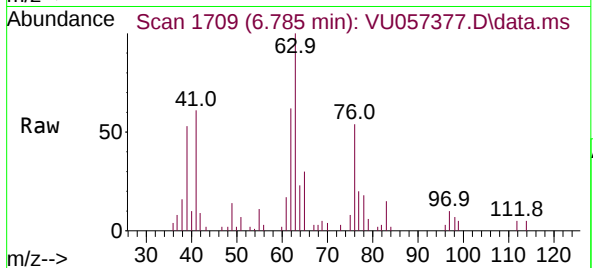
ClientSampleId :

Tgt Ion: 63 Resp: 18368

Ion Ratio Lower Upper

63 100

112 0.5 3.8 5.8#



#38

Bromodichloromethane

Concen: 10.104 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VU057377.D

Acq: 08 Jan 2024 11:58

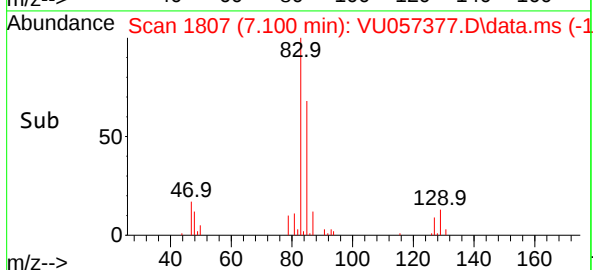
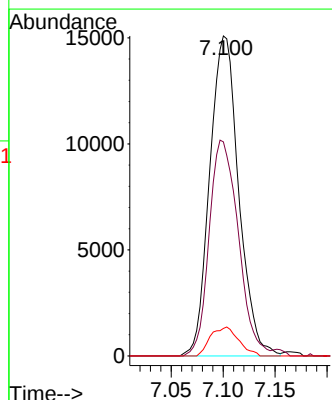
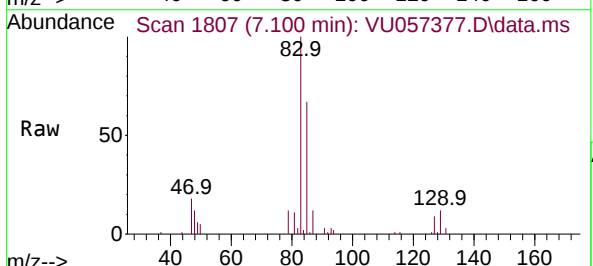
Tgt Ion: 83 Resp: 29307

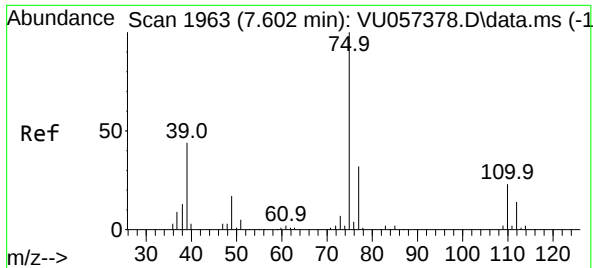
Ion Ratio Lower Upper

83 100

85 66.9 44.7 83.1

127 8.6 7.7 11.5





#39

cis-1,3-Dichloropropene

Concen: 9.631 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VU057377.D

Acq: 08 Jan 2024 11:58

Instrument :

MSVOA_U

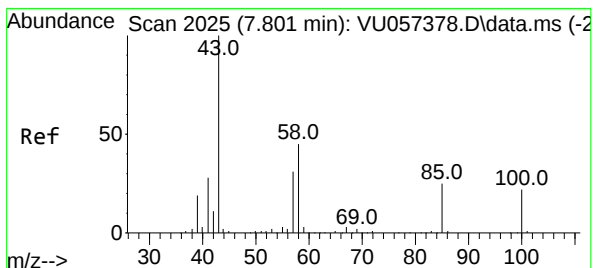
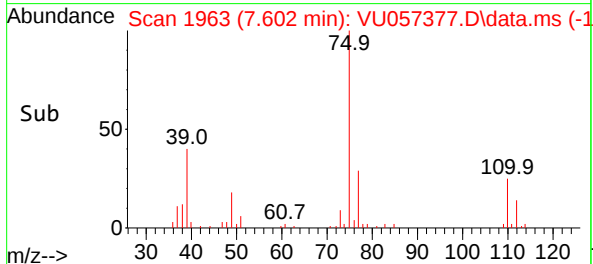
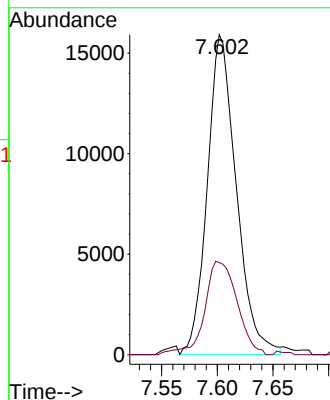
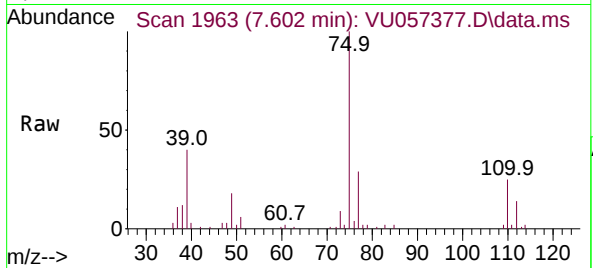
ClientSampleId :

Tgt Ion: 75 Resp: 28876

Ion Ratio Lower Upper

75 100

77 28.8 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 20.001 ug/L

RT: 7.795 min Scan# 2023

Delta R.T. -0.006 min

Lab File: VU057377.D

Acq: 08 Jan 2024 11:58

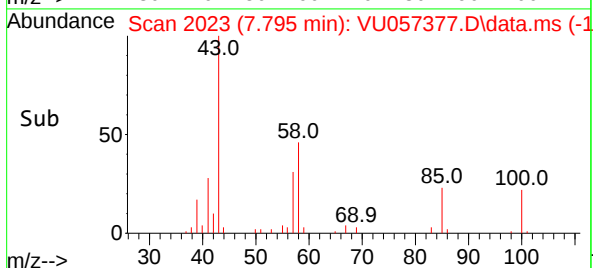
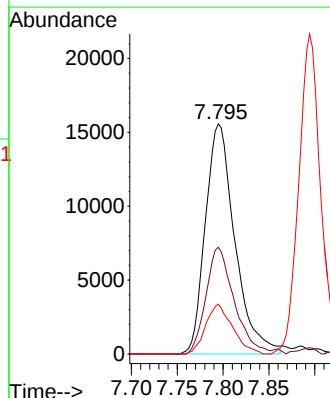
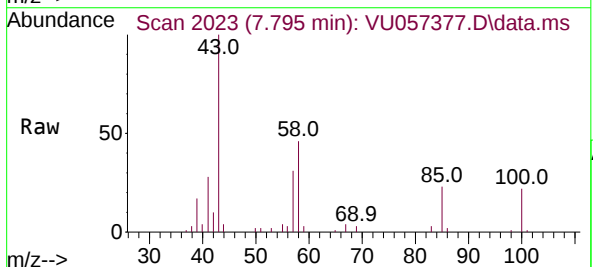
Tgt Ion: 43 Resp: 34894

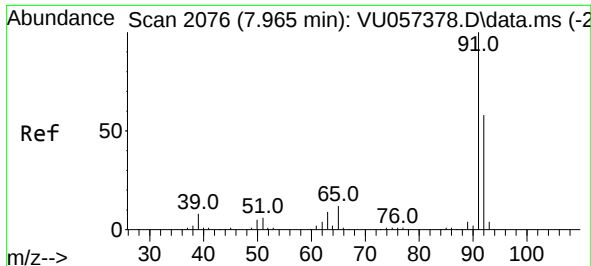
Ion Ratio Lower Upper

43 100

58 44.0 36.2 54.4

100 19.7 16.6 24.8





#42

Toluene

Concen: 10.105 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU057377.D

Acq: 08 Jan 2024 11:58

Instrument :

MSVOA_U

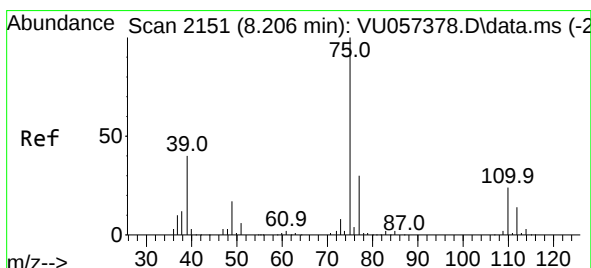
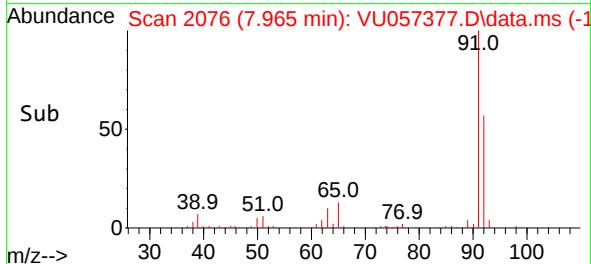
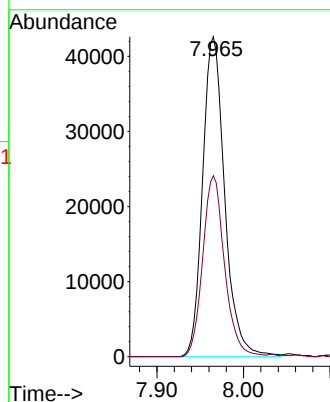
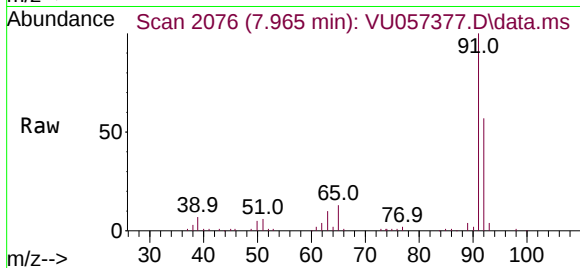
ClientSampleId :

Tgt Ion: 91 Resp: 75396

Ion Ratio Lower Upper

91 100

92 56.5 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 9.634 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU057377.D

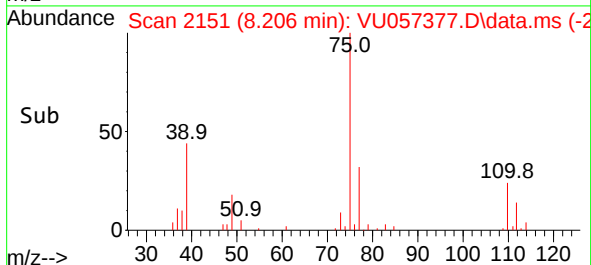
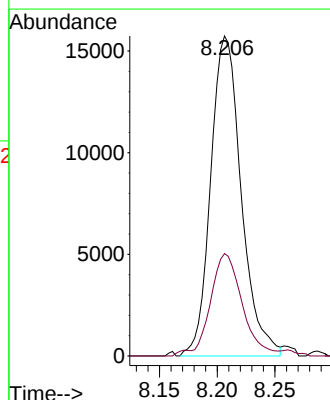
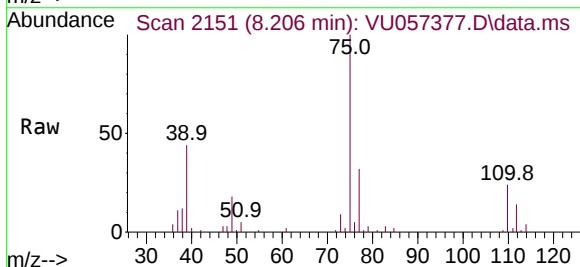
Acq: 08 Jan 2024 11:58

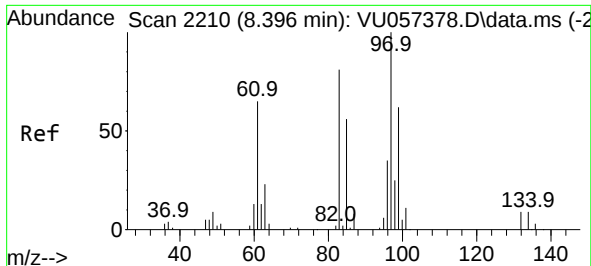
Tgt Ion: 75 Resp: 29001

Ion Ratio Lower Upper

75 100

77 32.0 21.3 39.5

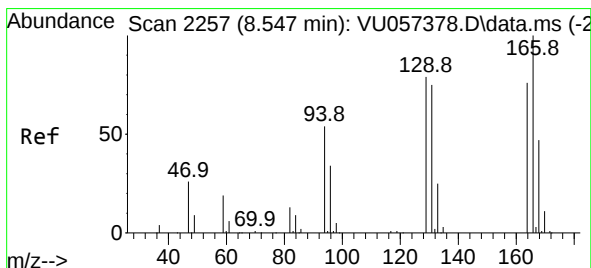
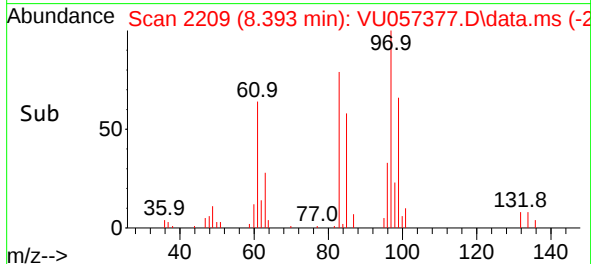
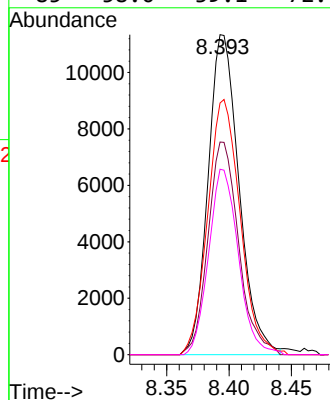
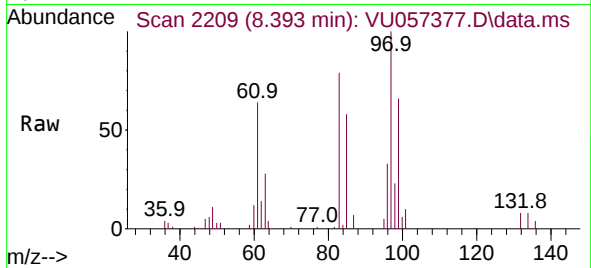




#45
1,1,2-Trichloroethane
Concen: 10.436 ug/L
RT: 8.393 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU057377.D
Acq: 08 Jan 2024 11:58

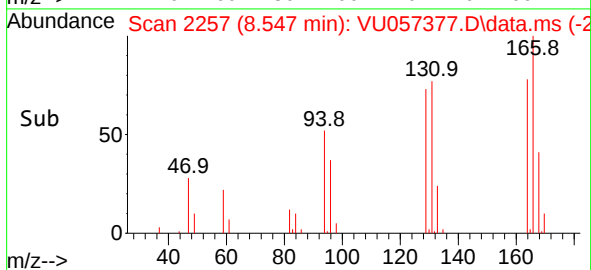
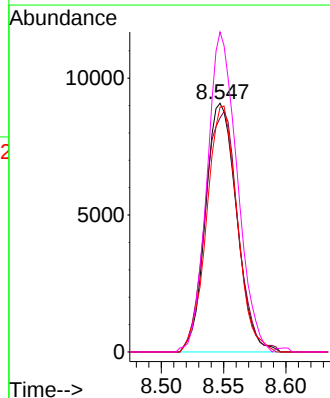
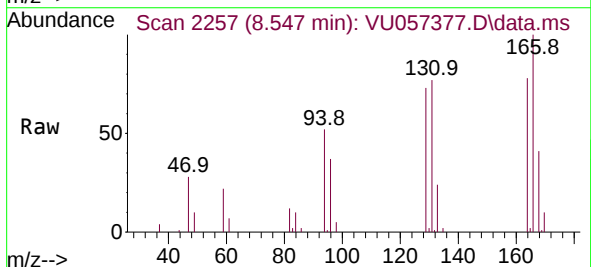
Instrument :
MSVOA_U
ClientSampleId :

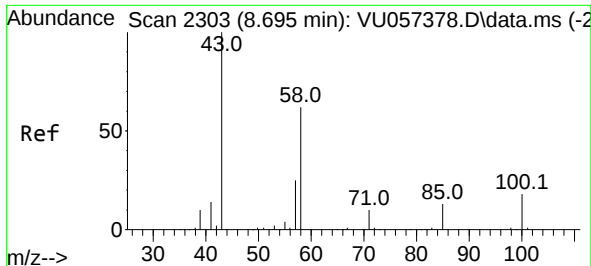
Tgt Ion: 97	Resp: 19661
Ion Ratio	Lower Upper
97 100	
99 66.4	43.3 80.5
83 78.6	56.9 105.7
85 58.0	39.1 72.7



#46
Tetrachloroethene
Concen: 10.311 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU057377.D
Acq: 08 Jan 2024 11:58

Tgt Ion: 164	Resp: 15801
Ion Ratio	Lower Upper
164 100	
129 94.2	72.3 134.3
131 98.5	68.8 127.8
166 128.7	91.8 170.4





#48

2-Hexanone

Concen: 18.359 ug/L

RT: 8.692 min Scan# 21

Delta R.T. -0.003 min

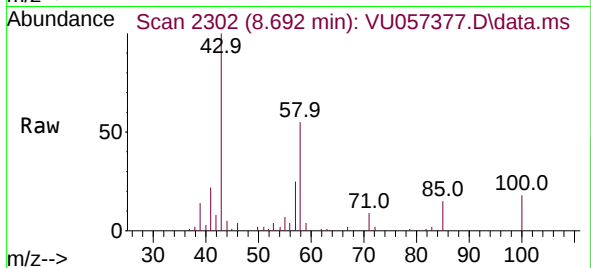
Lab File: VU057377.D

Acq: 08 Jan 2024 11:58

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 26262

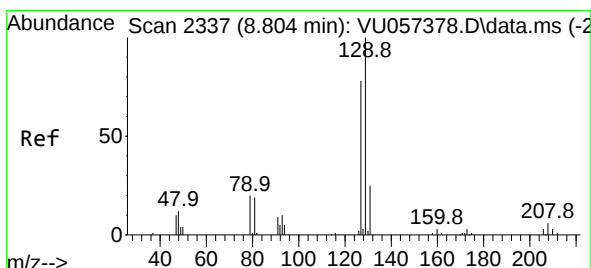
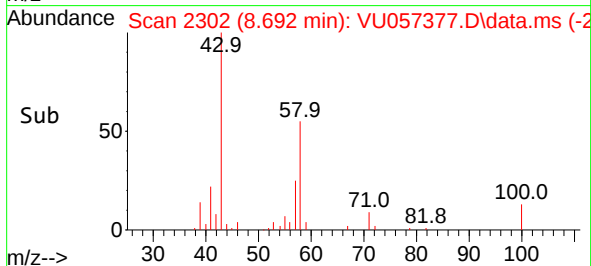
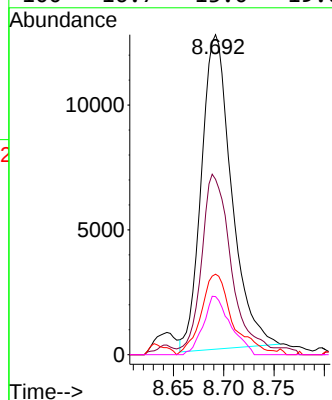
Ion Ratio Lower Upper

43 100

58 53.7 49.4 74.2

57 26.7 19.1 28.7

100 16.7 13.0 19.6



#49

Dibromochloromethane

Concen: 10.295 ug/L

RT: 8.804 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VU057377.D

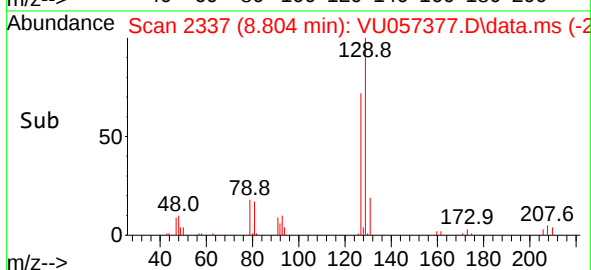
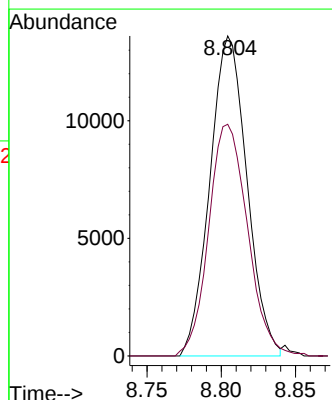
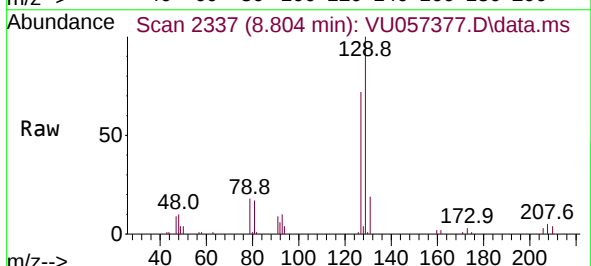
Acq: 08 Jan 2024 11:58

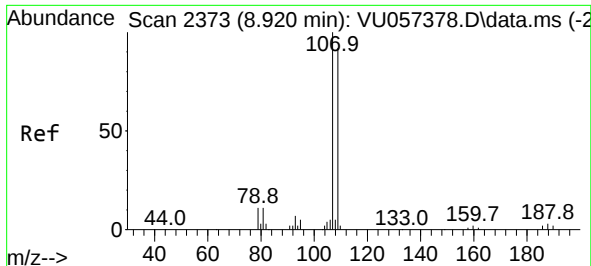
Tgt Ion:129 Resp: 23636

Ion Ratio Lower Upper

129 100

127 72.4 54.5 101.1

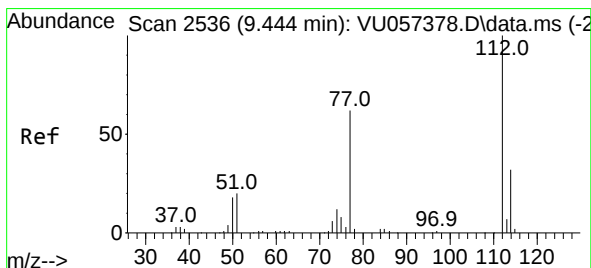
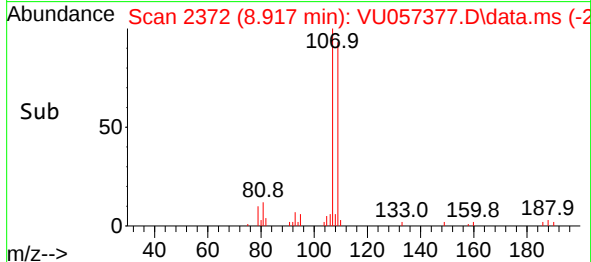
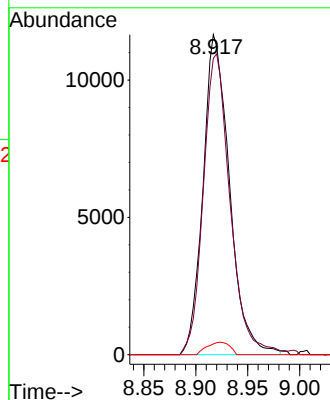
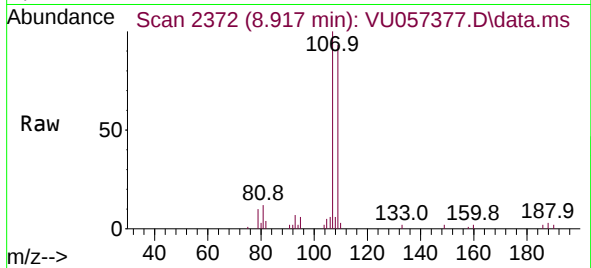




#50
1,2-Dibromoethane
Concen: 10.337 ug/L
RT: 8.917 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU057377.D
Acq: 08 Jan 2024 11:58

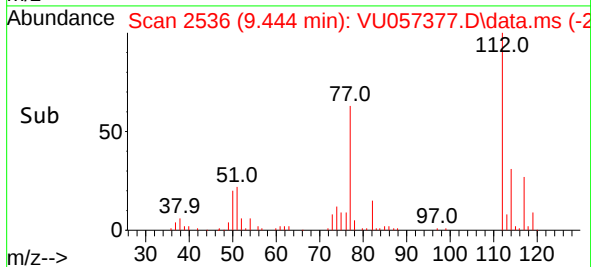
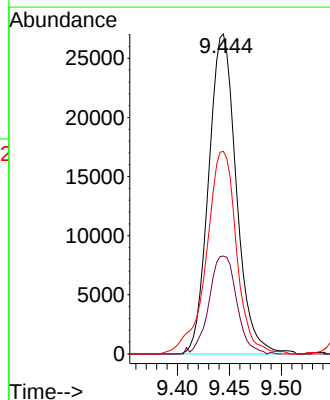
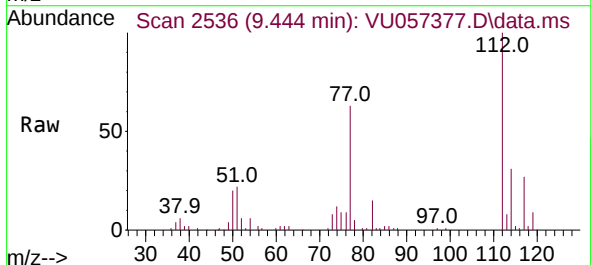
Instrument :
MSVOA_U
ClientSampleId :

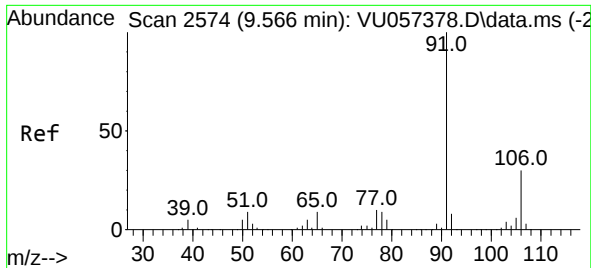
Tgt Ion:107 Resp: 20658
Ion Ratio Lower Upper
107 100
109 92.6 64.4 119.6
188 3.4 2.8 4.2



#51
Chlorobenzene
Concen: 9.985 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.000 min
Lab File: VU057377.D
Acq: 08 Jan 2024 11:58

Tgt Ion:112 Resp: 50058
Ion Ratio Lower Upper
112 100
114 30.6 22.5 41.7
77 63.3 50.1 75.1

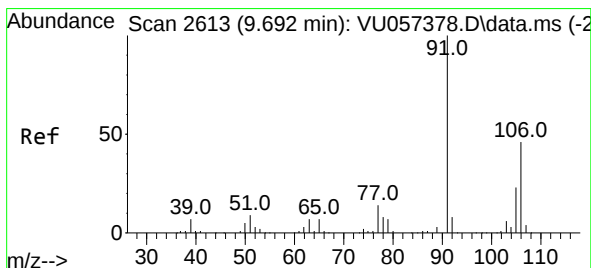
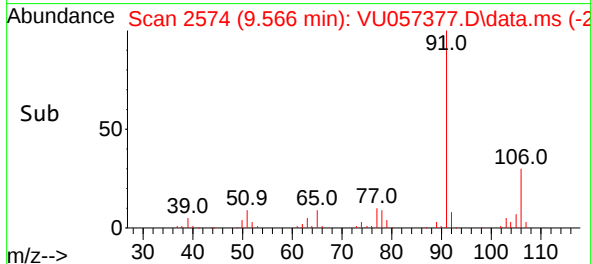
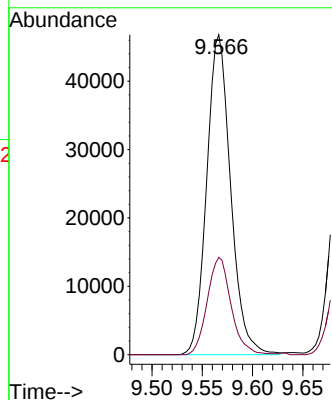
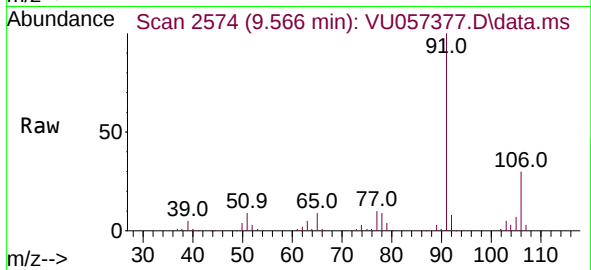




#52
Ethylbenzene
Concen: 9.316 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.000 min
Lab File: VU057377.D
Acq: 08 Jan 2024 11:58

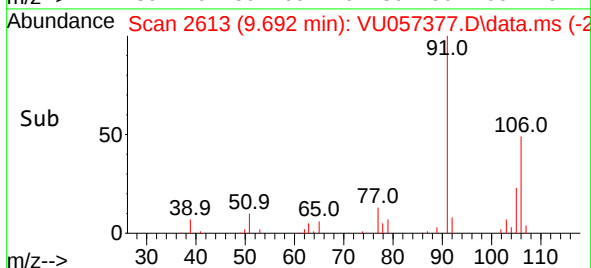
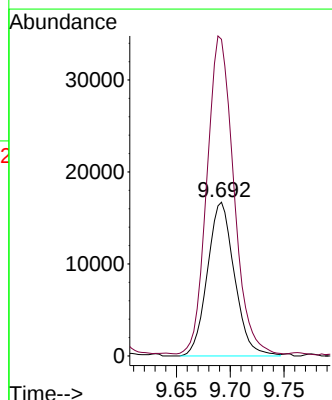
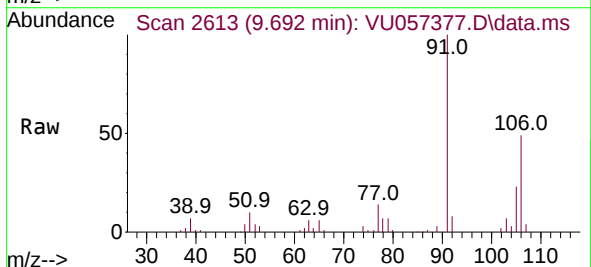
Instrument :
MSVOA_U
ClientSampleId :

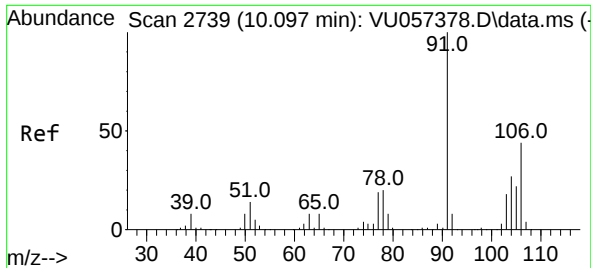
Tgt Ion: 91 Resp: 77398
Ion Ratio Lower Upper
91 100
106 30.4 21.0 39.0



#53
m,p-Xylene
Concen: 9.418 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.000 min
Lab File: VU057377.D
Acq: 08 Jan 2024 11:58

Tgt Ion: 106 Resp: 29250
Ion Ratio Lower Upper
106 100
91 206.0 151.8 281.8

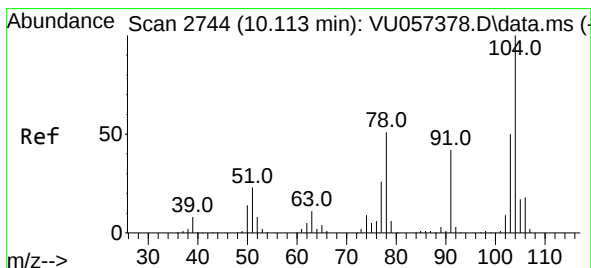
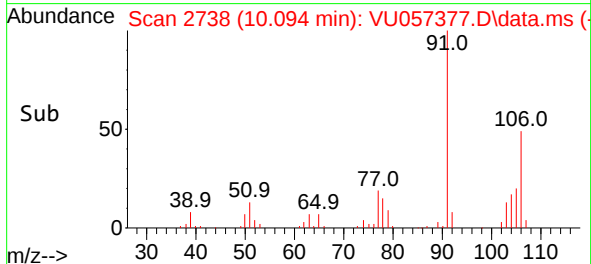
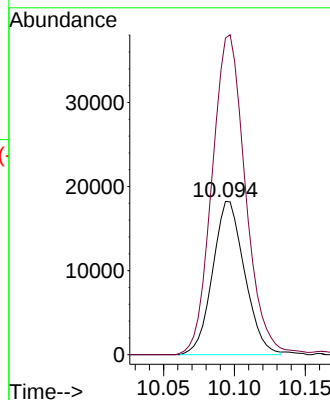
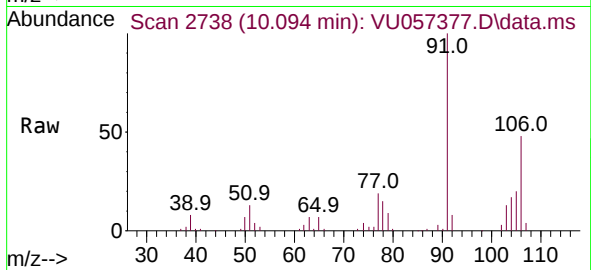




#54
o-Xylene
Concen: 9.444 ug/L
RT: 10.094 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU057377.D
Acq: 08 Jan 2024 11:58

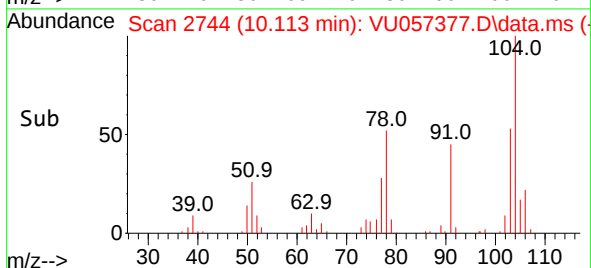
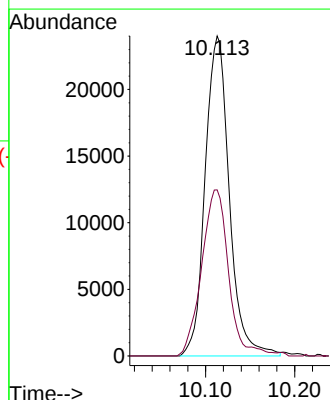
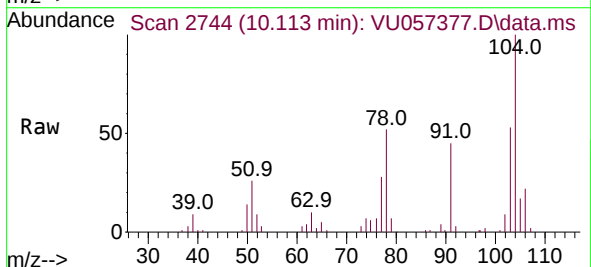
Instrument :
MSVOA_U
ClientSampleId :

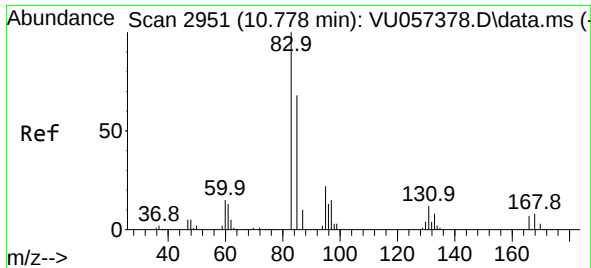
Tgt Ion:106 Resp: 28645
Ion Ratio Lower Upper
106 100
91 206.7 160.4 297.8



#55
Styrene
Concen: 8.812 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. 0.000 min
Lab File: VU057377.D
Acq: 08 Jan 2024 11:58

Tgt Ion:104 Resp: 45259
Ion Ratio Lower Upper
104 100
78 51.9 35.8 66.6

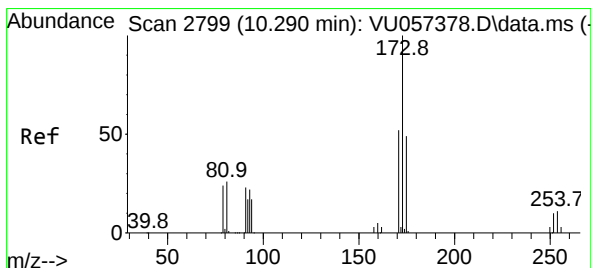
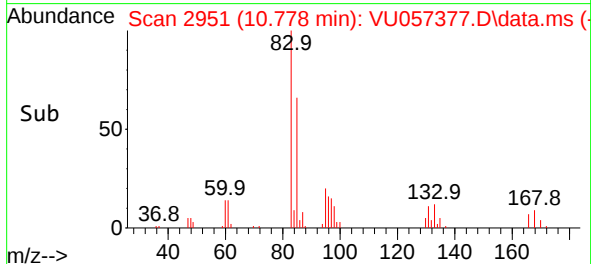
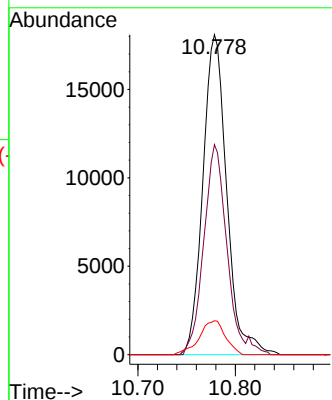
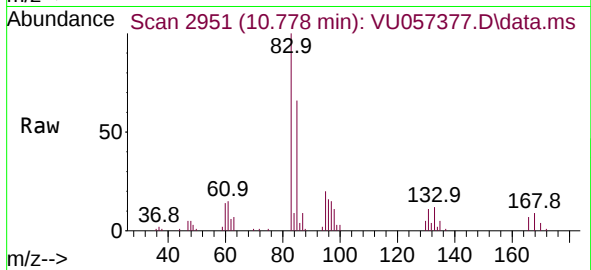




#57
1,1,2,2-Tetrachloroethane
Concen: 10.854 ug/L
RT: 10.778 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU057377.D
Acq: 08 Jan 2024 11:58

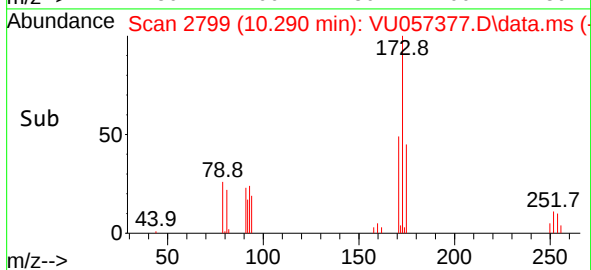
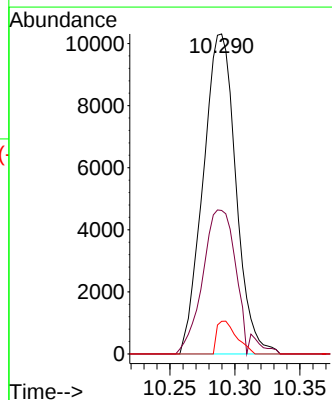
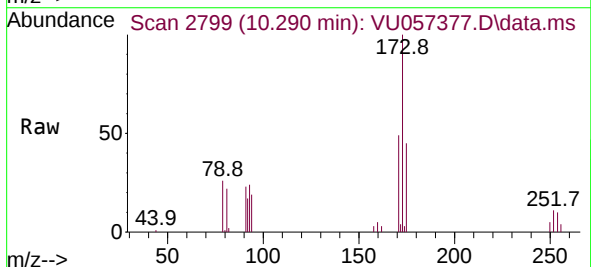
Instrument :
MSVOA_U
ClientSampleId :

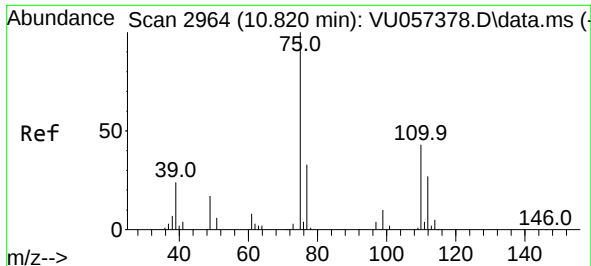
Tgt Ion: 83 Resp: 30835
Ion Ratio Lower Upper
83 100
85 65.7 47.9 88.9
131 10.6 9.8 14.8



#59
Bromoform
Concen: 10.466 ug/L
RT: 10.290 min Scan# 2799
Delta R.T. 0.000 min
Lab File: VU057377.D
Acq: 08 Jan 2024 11:58

Tgt Ion:173 Resp: 18035
Ion Ratio Lower Upper
173 100
175 44.5 38.4 57.6
254 6.1 7.9 11.9#

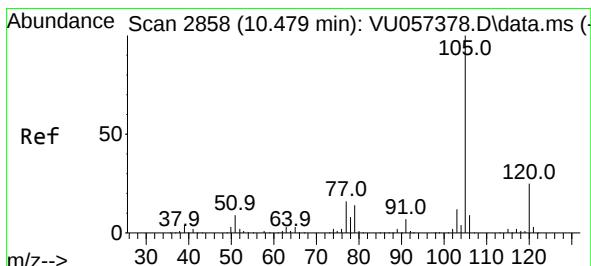
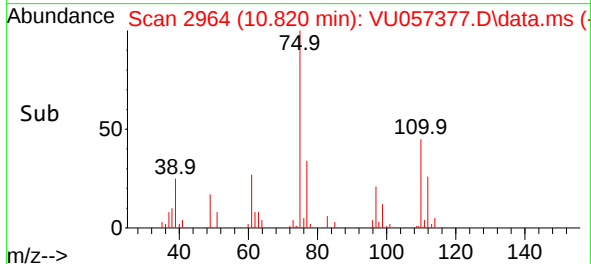
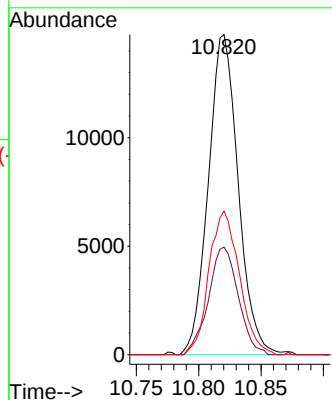
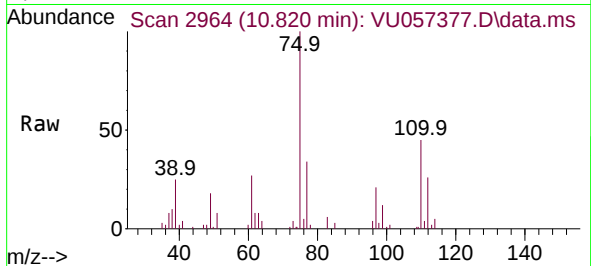




#60
1,2,3-Trichloropropane
Concen: 10.928 ug/L
RT: 10.820 min Scan# 2964
Delta R.T. 0.000 min
Lab File: VU057377.D
Acq: 08 Jan 2024 11:58

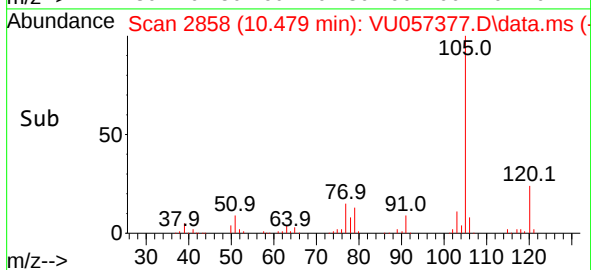
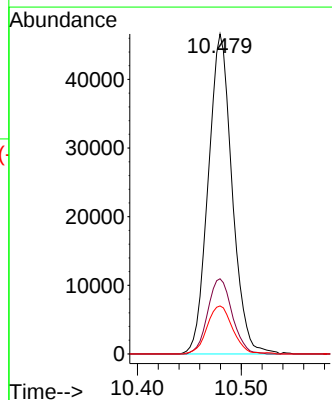
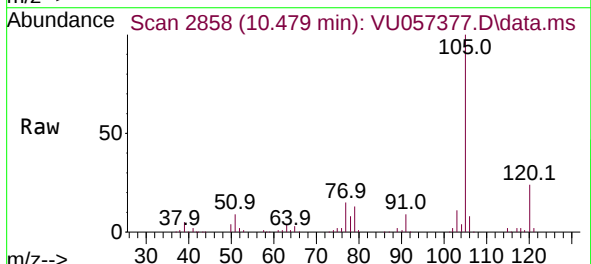
Instrument :
MSVOA_U
ClientSampleId :

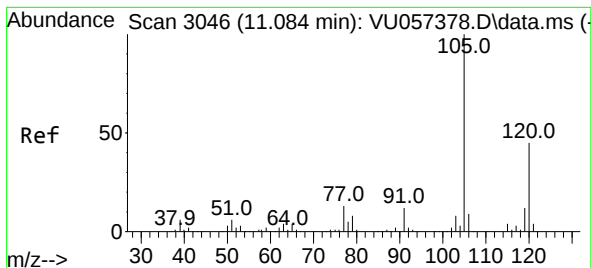
Tgt Ion:	75	Resp:	24601
Ion	Ratio	Lower	Upper
75	100		
77	33.6	26.0	39.0
110	45.8	33.6	50.4



#61
Isopropylbenzene
Concen: 9.556 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VU057377.D
Acq: 08 Jan 2024 11:58

Tgt Ion:	105	Resp:	74374
Ion	Ratio	Lower	Upper
105	100		
120	24.0	19.9	29.9
77	16.0	13.3	19.9





#62

1,3,5-Trimethylbenzene

Concen: 8.904 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. 0.000 min

Lab File: VU057377.D

Acq: 08 Jan 2024 11:58

Instrument :

MSVOA_U

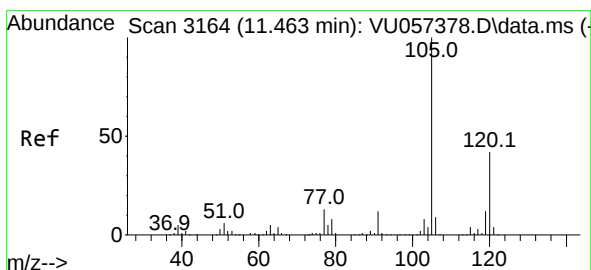
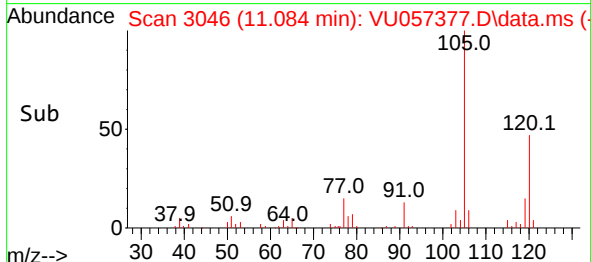
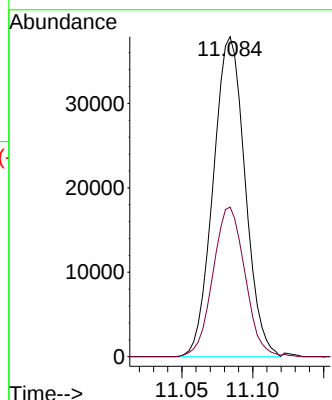
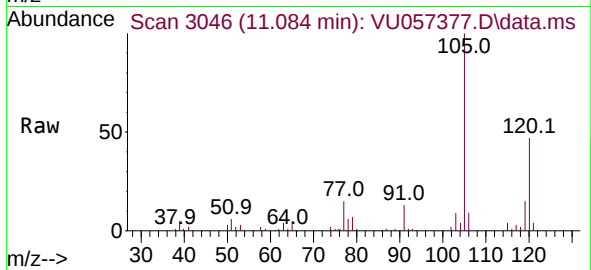
ClientSampleId :

Tgt Ion:105 Resp: 59267

Ion Ratio Lower Upper

105 100

120 47.1 36.1 54.1



#63

1,2,4-Trimethylbenzene

Concen: 9.073 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.000 min

Lab File: VU057377.D

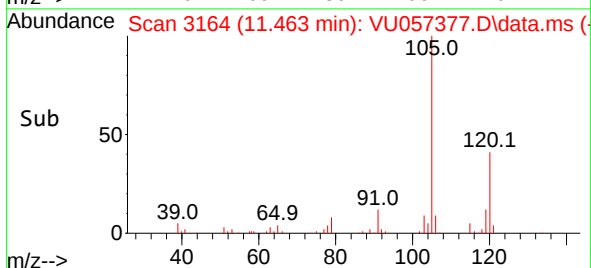
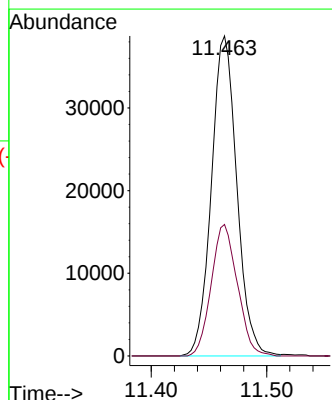
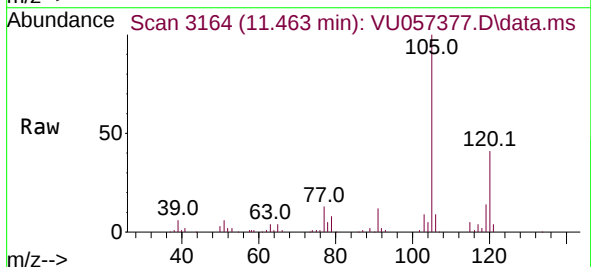
Acq: 08 Jan 2024 11:58

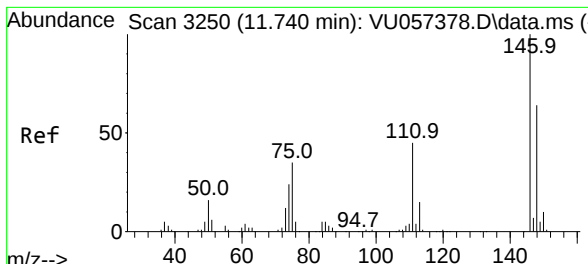
Tgt Ion:105 Resp: 59285

Ion Ratio Lower Upper

105 100

120 42.2 33.4 50.2





#64

1,3-Dichlorobenzene

Concen: 10.108 ug/L

RT: 11.743 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU057377.D

Acq: 08 Jan 2024 11:58

Instrument :

MSVOA_U

ClientSampleId :

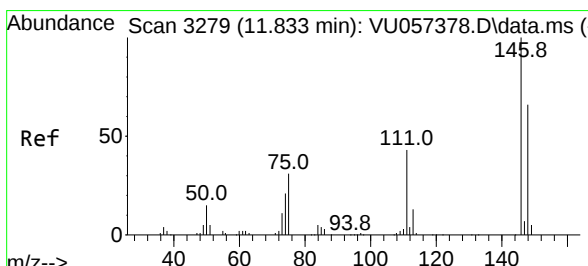
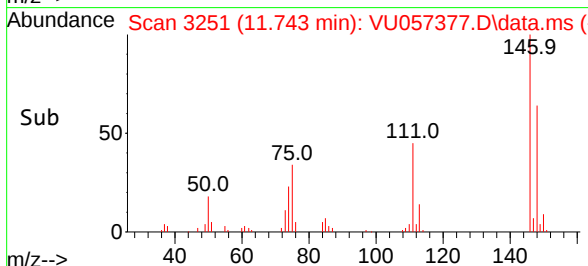
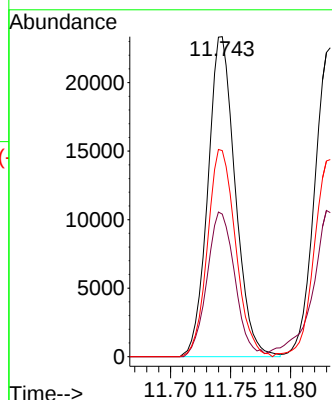
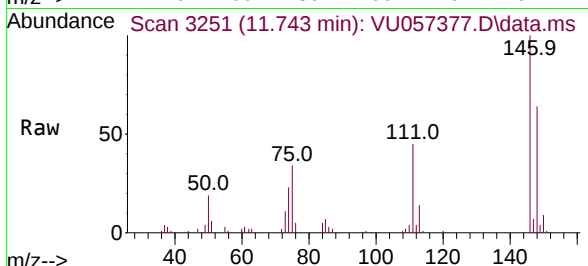
Tgt Ion:146 Resp: 37076

Ion Ratio Lower Upper

146 100

111 44.6 31.6 58.8

148 64.4 45.0 83.6



#65

1,4-Dichlorobenzene

Concen: 10.204 ug/L

RT: 11.833 min Scan# 3279

Delta R.T. 0.000 min

Lab File: VU057377.D

Acq: 08 Jan 2024 11:58

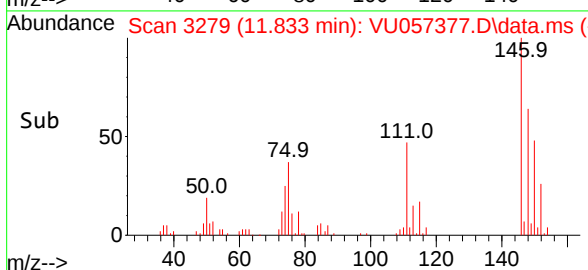
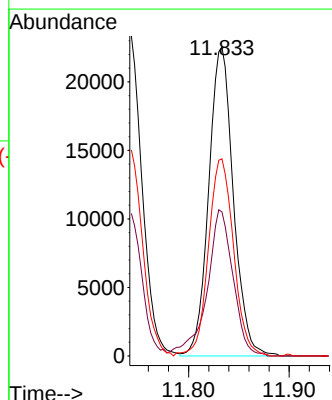
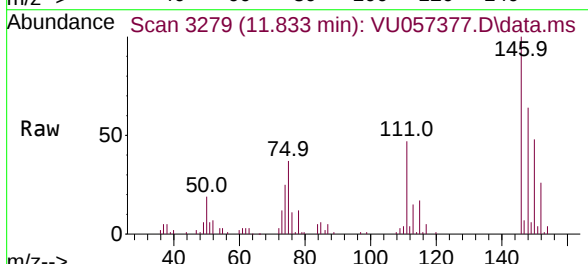
Tgt Ion:146 Resp: 38422

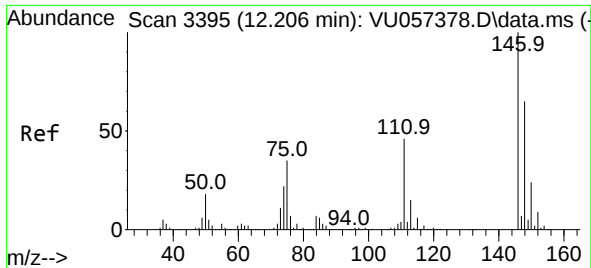
Ion Ratio Lower Upper

146 100

111 43.6 30.3 56.3

148 59.6 45.9 85.3





#67

1,2-Dichlorobenzene

Concen: 10.221 ug/L

RT: 12.209 min Scan# 3395

Delta R.T. 0.003 min

Lab File: VU057377.D

Acq: 08 Jan 2024 11:58

Instrument :

MSVOA_U

ClientSampleId :

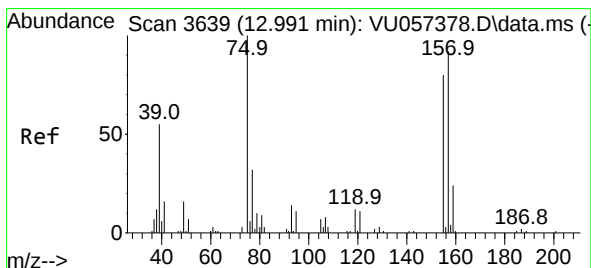
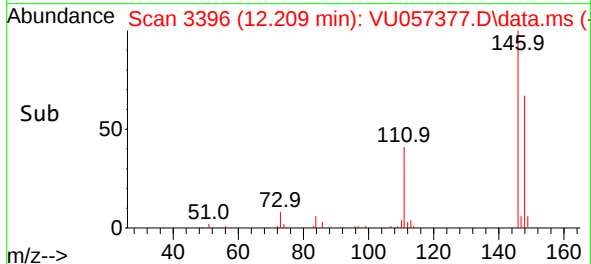
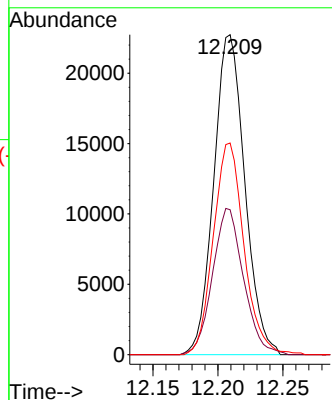
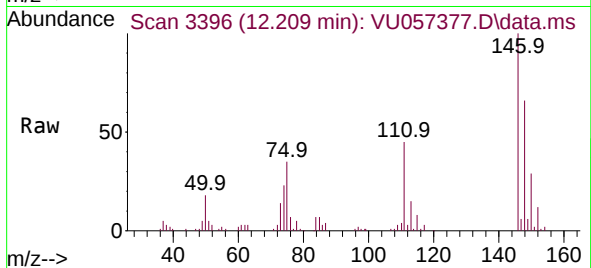
Tgt Ion:146 Resp: 37787

Ion Ratio Lower Upper

146 100

111 42.7 36.9 55.3

148 62.3 52.2 78.2



#68

1,2-Dibromo-3-chloropropane

Concen: 10.802 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU057377.D

Acq: 08 Jan 2024 11:58

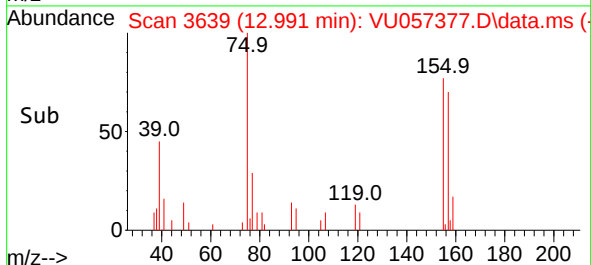
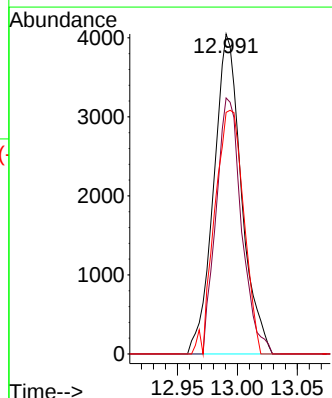
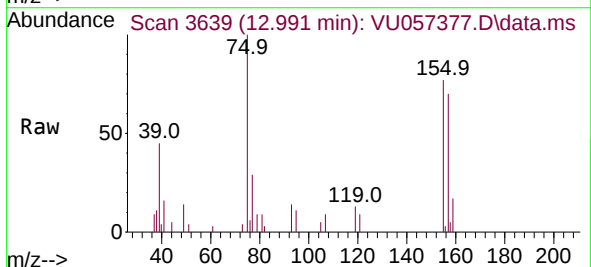
Tgt Ion: 75 Resp: 6493

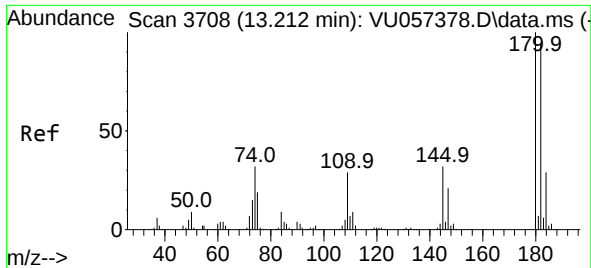
Ion Ratio Lower Upper

75 100

155 80.0 64.3 96.5

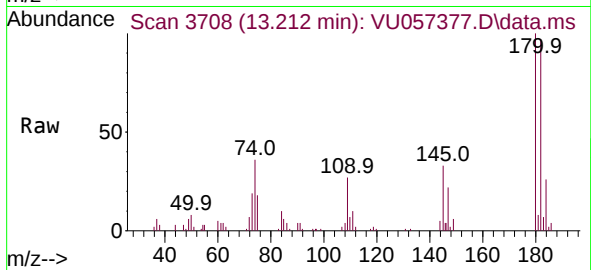
157 75.5 73.8 110.6



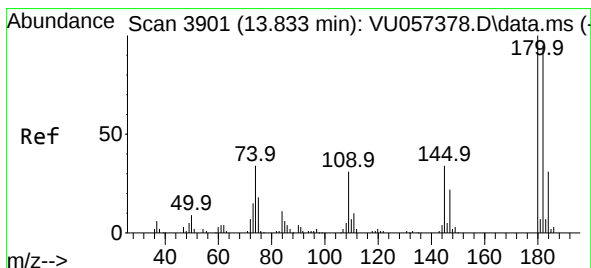
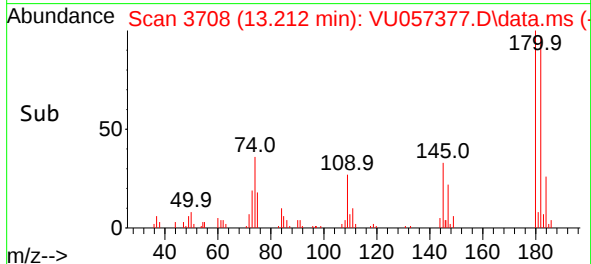
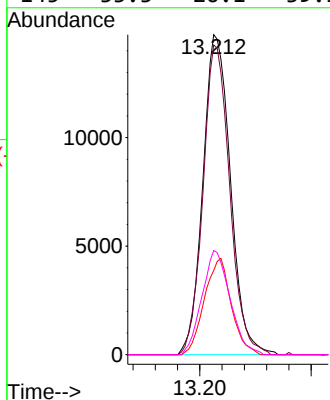


#69
 1,3,5-Trichlorobenzene
 Concen: 9.633 ug/L
 RT: 13.212 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU057377.D
 Acq: 08 Jan 2024 11:58

Instrument :
 MSVOA_U
 ClientSampleId :

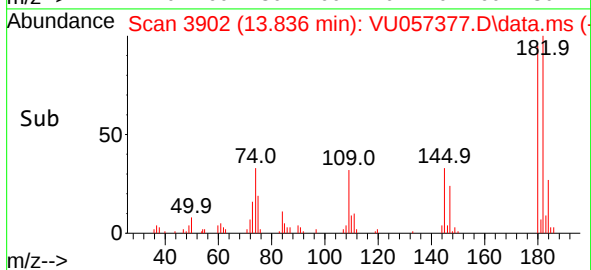
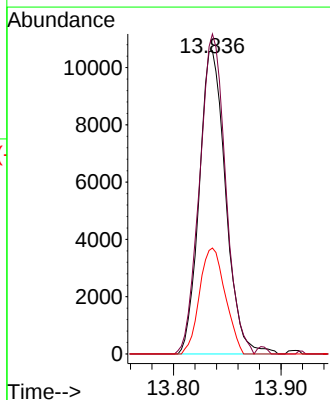
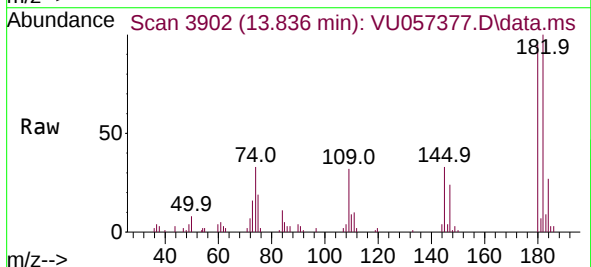


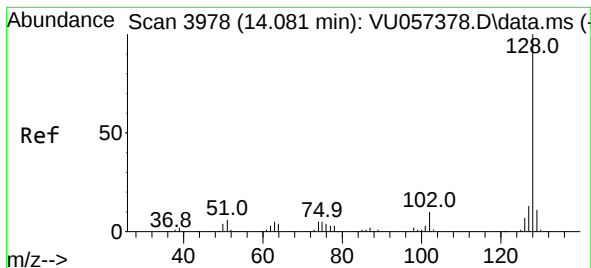
Tgt Ion:180 Resp: 25293
 Ion Ratio Lower Upper
 180 100
 182 93.8 75.6 113.4
 184 29.3 23.9 35.9
 145 33.3 26.1 39.1



#70
 1,2,4-trichlorobenzene
 Concen: 9.034 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. 0.003 min
 Lab File: VU057377.D
 Acq: 08 Jan 2024 11:58

Tgt Ion:180 Resp: 18059
 Ion Ratio Lower Upper
 180 100
 182 103.9 75.8 113.8
 145 33.9 27.4 41.0





#71

Naphthalene

Concen: 8.671 ug/L

RT: 14.084 min Scan# 3978

Delta R.T. 0.003 min

Lab File: VU057377.D

Acq: 08 Jan 2024 11:58

Instrument :

MSVOA_U

ClientSampleId :

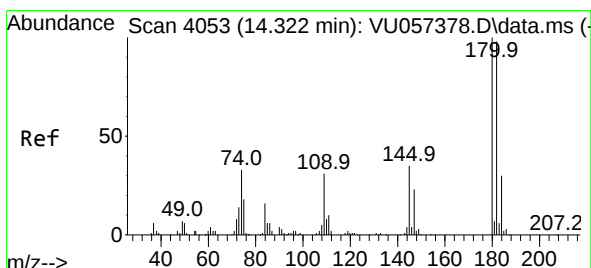
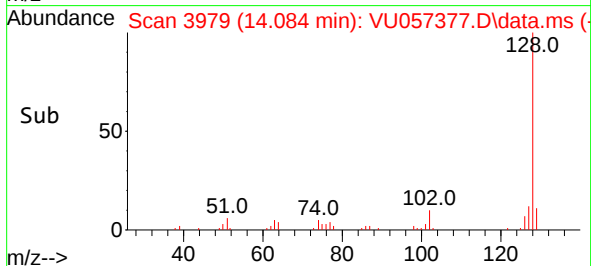
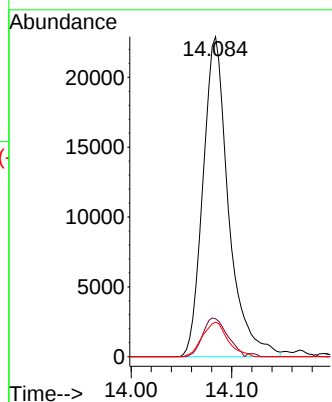
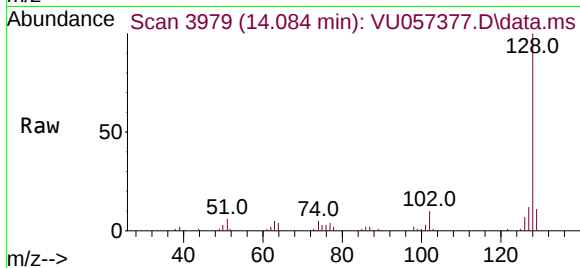
Tgt Ion:128 Resp: 40501

Ion Ratio Lower Upper

128 100

127 11.7 10.2 15.2

129 10.7 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 9.416 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. 0.003 min

Lab File: VU057377.D

Acq: 08 Jan 2024 11:58

Tgt Ion:180 Resp: 17800

Ion Ratio Lower Upper

180 100

182 93.7 77.5 116.3

145 33.5 28.2 42.4

