

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011124\
 Data File : VU057464.D
 Acq On : 11 Jan 2024 17:29
 Operator : MD/SY
 Sample : VSTD005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 11 21:06:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 11 21:04:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	305149	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	247989	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	138754	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	158669	5.832	ug/L	0.00
7) Chloroethane-d5	1.914	69	124481	5.731	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.564	65	65926	6.025	ug/L	0.00
20) 2-Butanone-d5	4.637	46	297728	50.238	ug/L	0.00
24) Chloroform-d	5.055	84	270213	5.615	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	131117	5.410	ug/L	0.00
32) Benzene-d6	5.721	84	534659	6.892	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	163610	6.788	ug/L	0.00
41) Toluene-d8	7.891	98	467052	6.988	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	57956	6.198	ug/L	0.00
46) 2-Hexanone-d5	8.631	63	211227	52.624	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.750	84	95542	5.126	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	135969	5.258	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.384	85	106458	4.836	ug/L	100
3) Chloromethane	1.519	50	116472	4.759	ug/L	100
5) Vinyl chloride	1.602	62	118296	4.690	ug/L	100
6) Bromomethane	1.856	94	67626	5.440	ug/L	100
8) Chloroethane	1.933	64	71583	4.406	ug/L	100
9) Trichlorofluoromethane	2.136	101	163743	4.549	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	108356	4.920	ug/L	100
12) 1,1-Dichloroethene	2.576	96	90225	4.588	ug/L	100
13) Acetone	2.660	43	163439	42.776	ug/L	100
14) Carbon disulfide	2.789	76	251289	4.487	ug/L	100
15) Methyl Acetate	2.956	43	39343	4.467	ug/L	100
16) Methylene chloride	3.039	84	116139	4.518	ug/L	100
17) Methyl tert-butyl Ether	3.358	73	230145	4.626	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	92603	4.710	ug/L	100
19) 1,1-Dichloroethane	3.863	63	208372	4.990	ug/L	100
21) 2-Butanone	4.718	43	257088	46.898	ug/L	100
22) cis-1,2-Dichloroethene	4.657	96	107118	4.704	ug/L	100
23) Bromochloromethane	4.969	128	45561	4.518	ug/L	100
25) Chloroform	5.081	83	215222	4.905	ug/L	100
27) 1,2-Dichloroethane	5.789	62	128522	4.705	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	180009	5.545	ug/L	100
30) Cyclohexane	5.383	56	147922	5.990	ug/L	100
31) Carbon tetrachloride	5.518	117	148161	5.460	ug/L	100
33) Benzene	5.769	78	435465	5.841	ug/L	100
34) Trichloroethene	6.538	95	112326	5.674	ug/L	100
35) Methylcyclohexane	6.756	83	148543	5.756	ug/L	100
37) 1,2-Dichloropropane	6.785	63	119071	5.752	ug/L	100
38) Bromodichloromethane	7.100	83	146442	5.556	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	158350	5.641	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	632094	59.853	ug/L	100
42) Toluene	7.962	91	449065	5.604	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	133018	5.477	ug/L	100

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 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

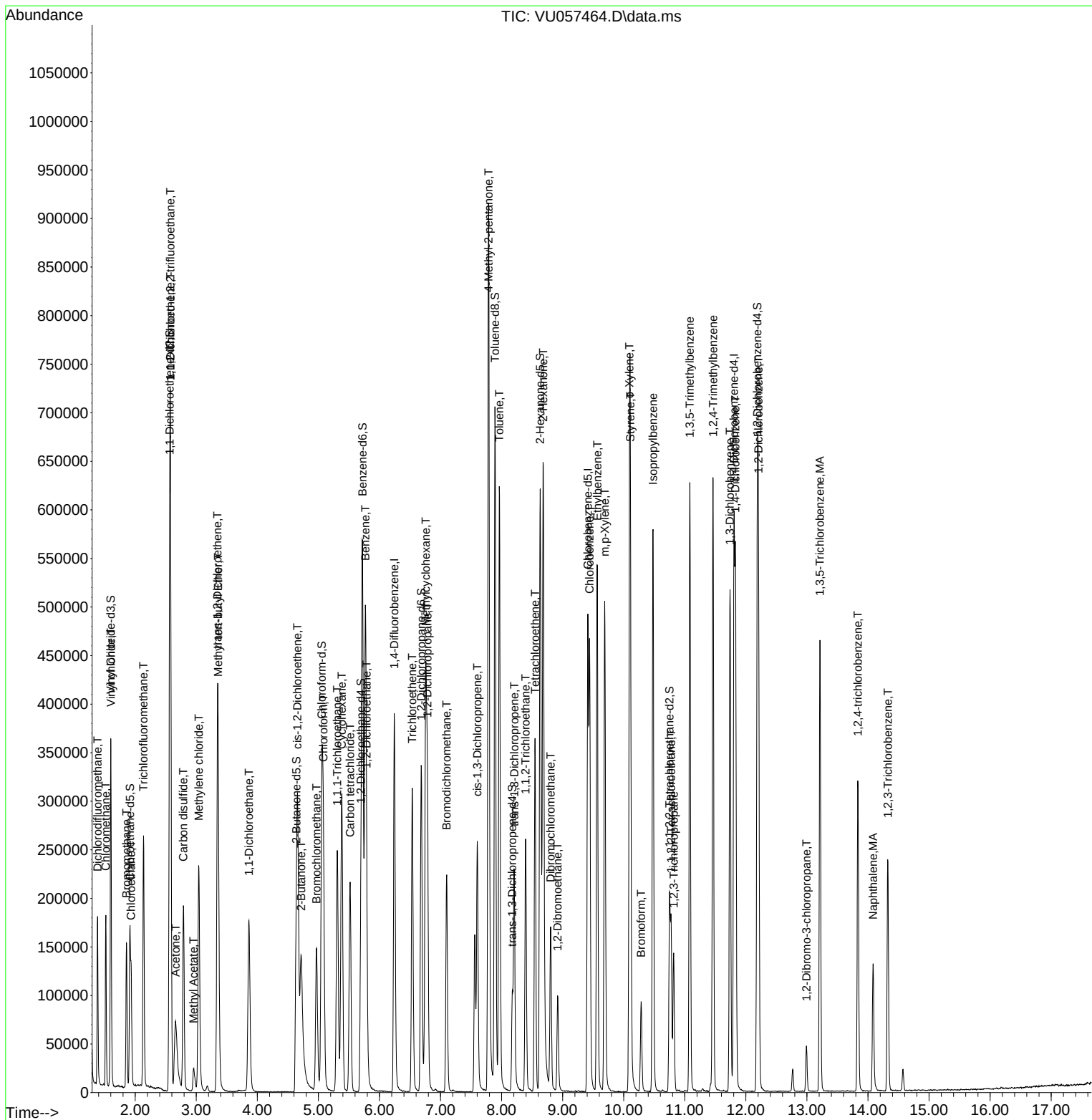
Quant Time: Jan 11 21:06:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 11 21:04:51 2024
 Response via : Initial Calibration

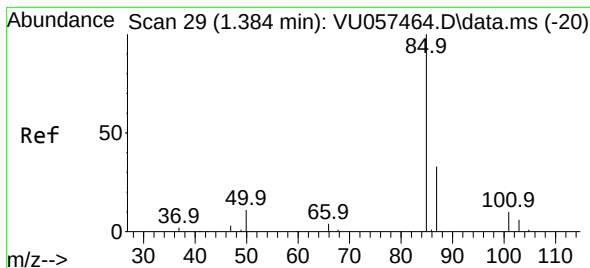
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.393	97	80164	5.412	ug/L	100
47) Tetrachloroethene	8.547	164	74897	5.425	ug/L	100
48) 2-Hexanone	8.682	43	449345	58.437	ug/L	100
49) Dibromochloromethane	8.801	129	80969	4.922	ug/L	100
50) 1,2-Dibromoethane	8.917	107	63246	4.885	ug/L	100
51) Chlorobenzene	9.441	112	223918	4.831	ug/L	100
52) Ethylbenzene	9.567	91	373873	4.892	ug/L	100
53) m,p-Xylene	9.689	106	139679	4.831	ug/L	100
54) o-Xylene	10.094	106	129394	4.740	ug/L	100
55) Styrene	10.110	104	219463	4.801	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	82158	4.666	ug/L	100
59) Bromoform	10.284	173	38812	3.755	ug/L	100
60) Isopropylbenzene	10.480	105	356902	4.328	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	57644	4.130	ug/L	100
62) 1,3,5-Trimethylbenzene	11.081	105	331996	4.974	ug/L	100
63) 1,2,4-Trimethylbenzene	11.464	105	337892	5.074	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	202000	4.946	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	191678	4.647	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	185400	4.738	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.991	75	13216	4.248	ug/L	100
69) 1,3,5-Trichlorobenzene	13.213	180	134374	4.624	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	91166	4.053	ug/L	100
71) Naphthalene	14.084	128	107849	3.186	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	66098	3.483	ug/L	100

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

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 11 21:04:51 2024
Response via : Initial Calibration

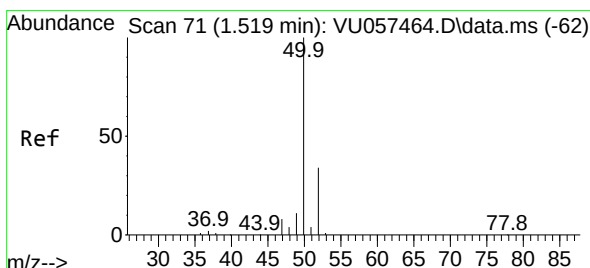
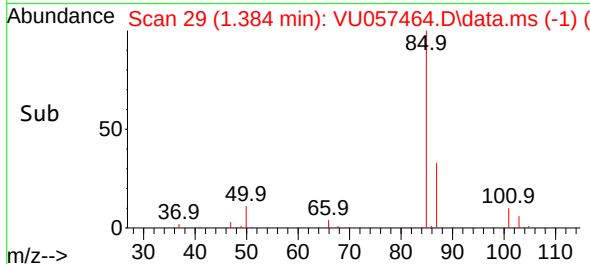
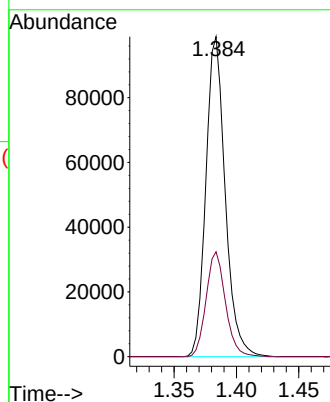
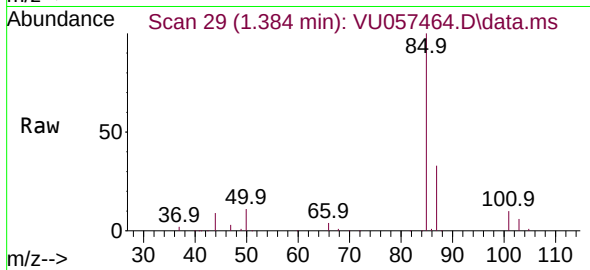




#2
 Dichlorodifluoromethane
 Concen: 4.836 ug/L
 RT: 1.384 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU057464.D
 Acq: 11 Jan 2024 17:29

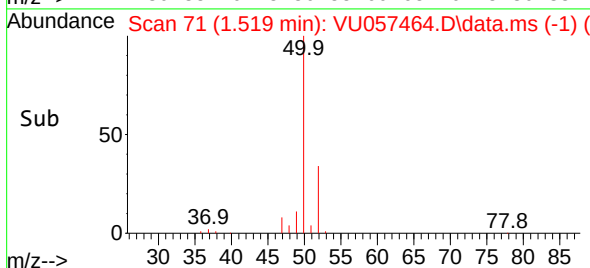
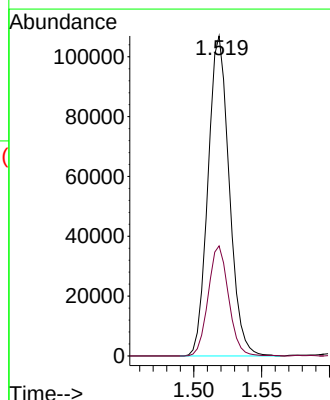
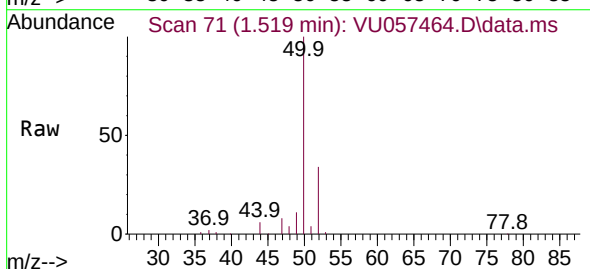
Instrument :
 MSVOA_U
 ClientSampleId :

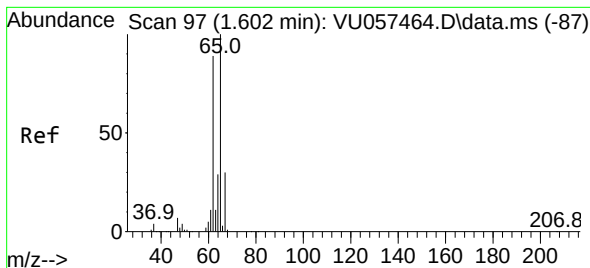
Tgt Ion: 85 Resp: 106458
 Ion Ratio Lower Upper
 85 100
 87 32.8 26.2 39.4



#3
 Chloromethane
 Concen: 4.759 ug/L
 RT: 1.519 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU057464.D
 Acq: 11 Jan 2024 17:29

Tgt Ion: 50 Resp: 116472
 Ion Ratio Lower Upper
 50 100
 52 34.4 24.1 44.7





#5

Vinyl chloride

Concen: 4.690 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

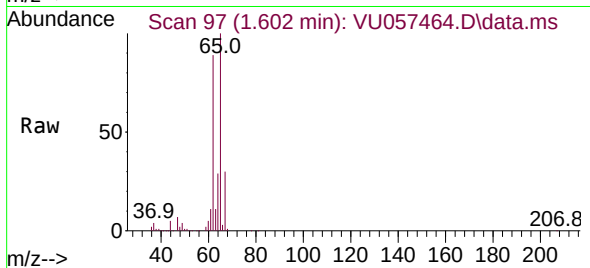
Lab File: VU057464.D

Acq: 11 Jan 2024 17:29

Instrument :

MSVOA_U

ClientSampleId :

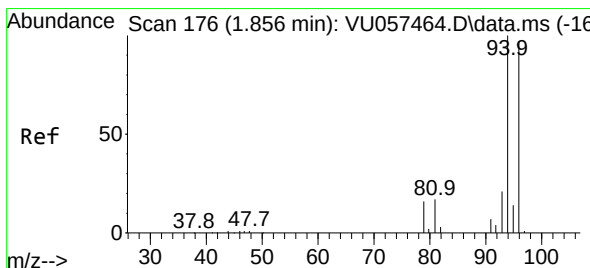
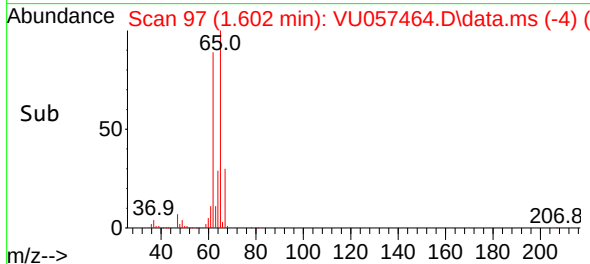
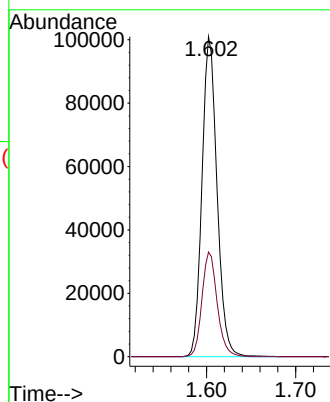


Tgt Ion: 62 Resp: 118296

Ion Ratio Lower Upper

62 100

64 32.7 22.9 42.5



#6

Bromomethane

Concen: 5.440 ug/L

RT: 1.856 min Scan# 176

Delta R.T. 0.000 min

Lab File: VU057464.D

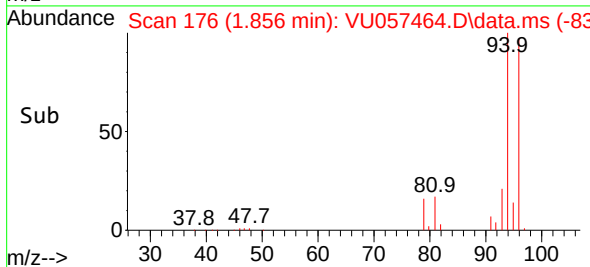
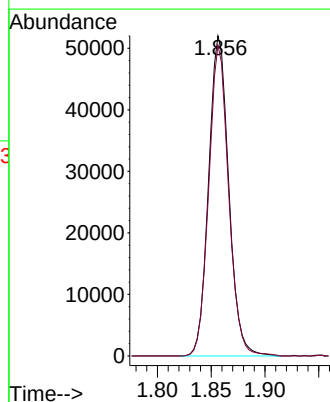
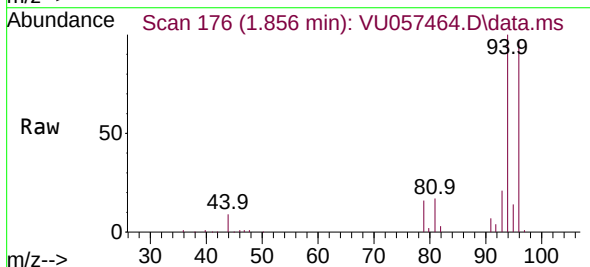
Acq: 11 Jan 2024 17:29

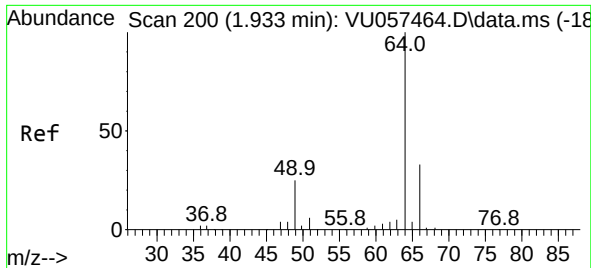
Tgt Ion: 94 Resp: 67626

Ion Ratio Lower Upper

94 100

96 97.1 68.0 126.2

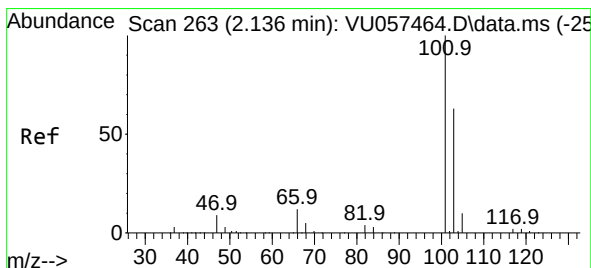
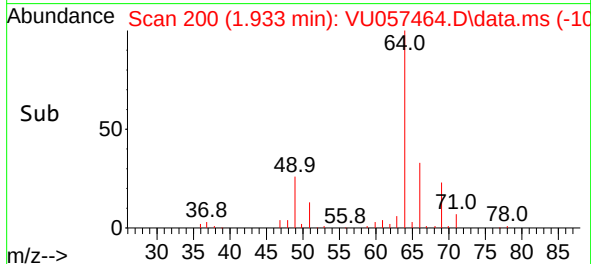
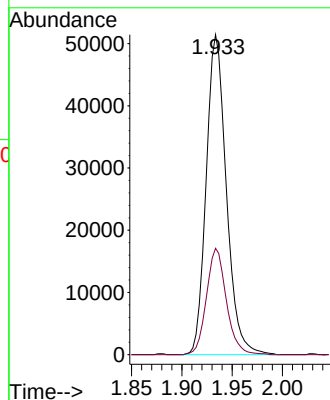
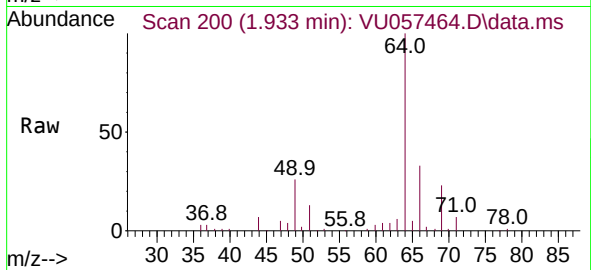




#8
Chloroethane
Concen: 4.406 ug/L
RT: 1.933 min Scan# 200
Delta R.T. 0.000 min
Lab File: VU057464.D
Acq: 11 Jan 2024 17:29

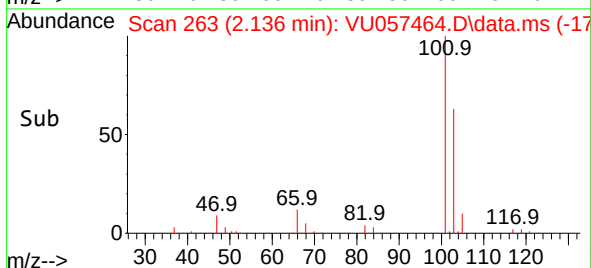
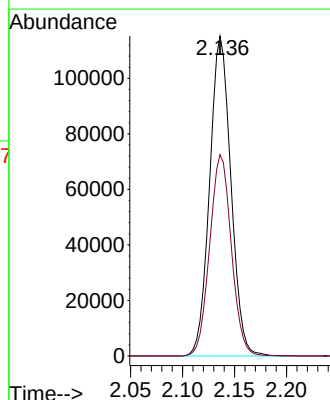
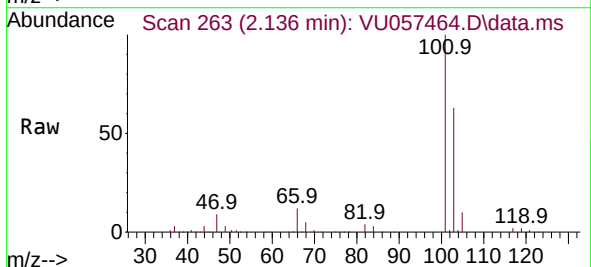
Instrument :
MSVOA_U
ClientSampleId :

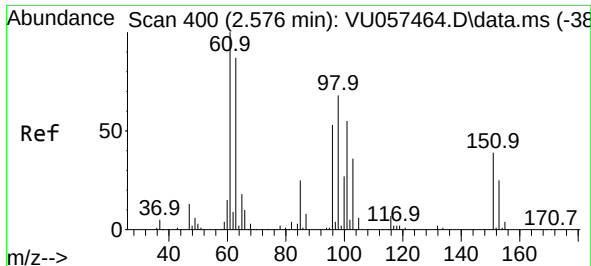
Tgt Ion: 64 Resp: 71583
Ion Ratio Lower Upper
64 100
66 33.3 23.3 43.3



#9
Trichlorofluoromethane
Concen: 4.549 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.000 min
Lab File: VU057464.D
Acq: 11 Jan 2024 17:29

Tgt Ion:101 Resp: 163743
Ion Ratio Lower Upper
101 100
103 64.0 51.2 76.8

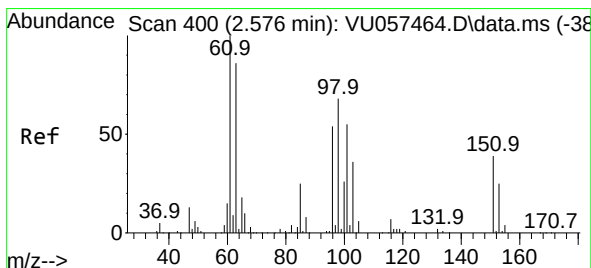
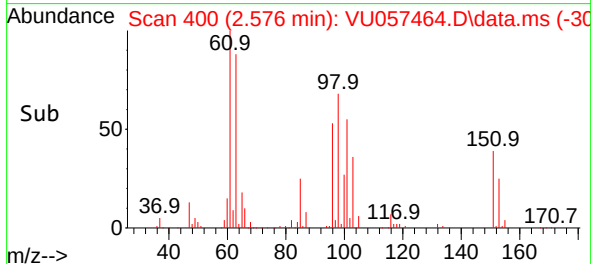
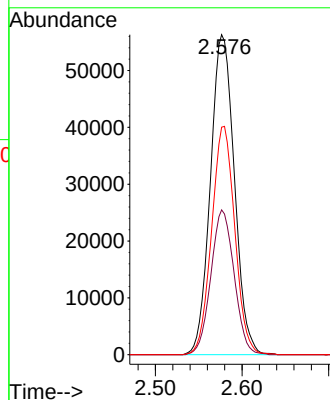
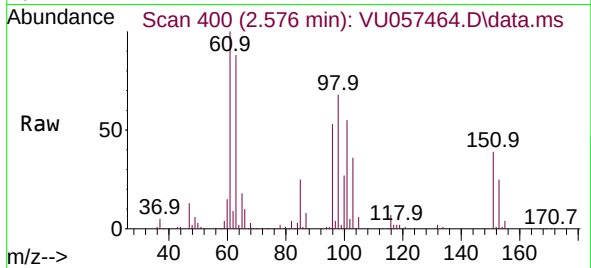




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.920 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU057464.D
 Acq: 11 Jan 2024 17:29

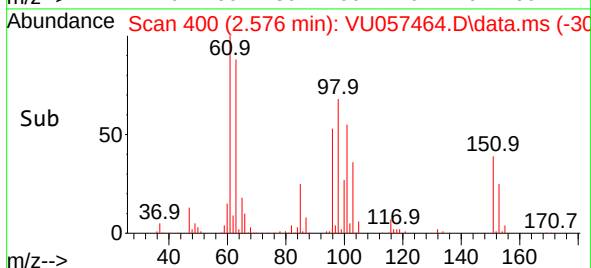
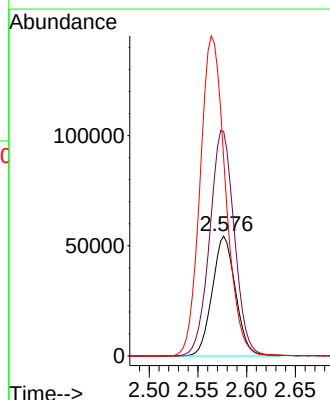
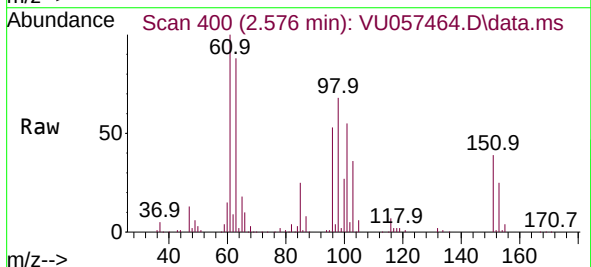
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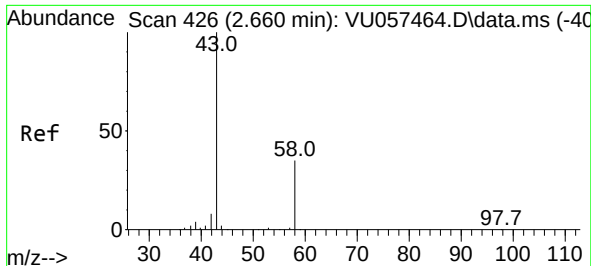
Tgt Ion:101 Resp: 108356
 Ion Ratio Lower Upper
 101 100
 85 43.9 35.1 52.7
 151 69.2 55.4 83.0



#12
 1,1-Dichloroethene
 Concen: 4.588 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU057464.D
 Acq: 11 Jan 2024 17:29

Tgt Ion: 96 Resp: 90225
 Ion Ratio Lower Upper
 96 100
 61 187.0 130.9 243.1
 63 164.0 114.8 213.2





#13

Acetone

Concen: 42.776 ug/L

RT: 2.660 min Scan# 41

Delta R.T. 0.000 min

Lab File: VU057464.D

Acq: 11 Jan 2024 17:29

Instrument :

MSVOA_U

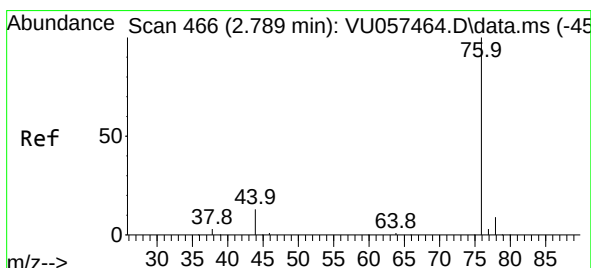
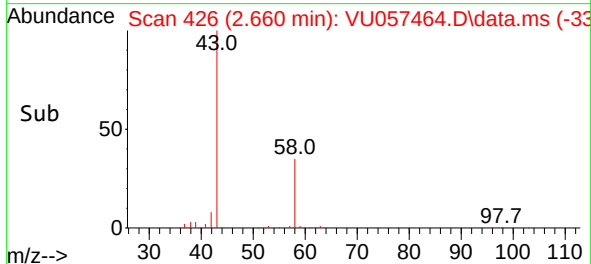
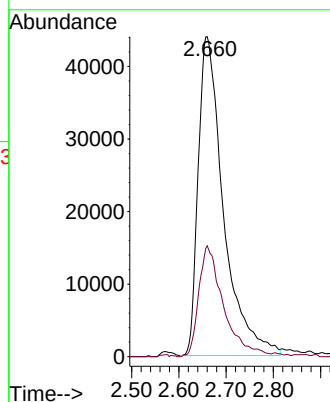
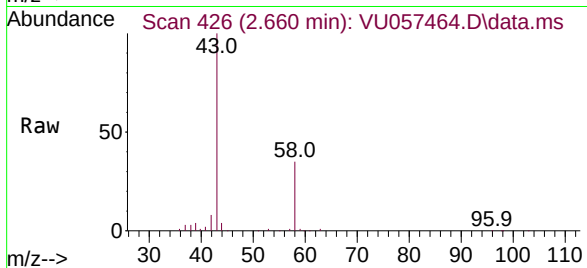
ClientSampleId :

Tgt Ion: 43 Resp: 163439

Ion Ratio Lower Upper

43 100

58 33.9 0.0 67.8



#14

Carbon disulfide

Concen: 4.487 ug/L

RT: 2.789 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU057464.D

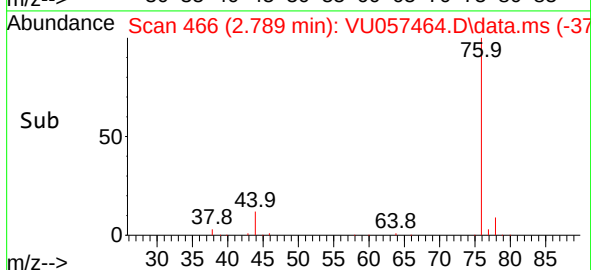
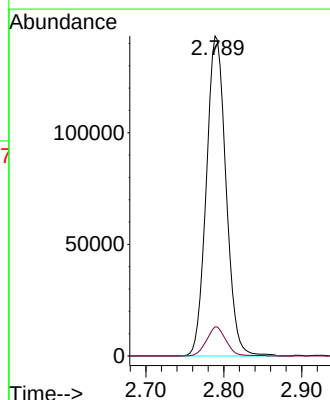
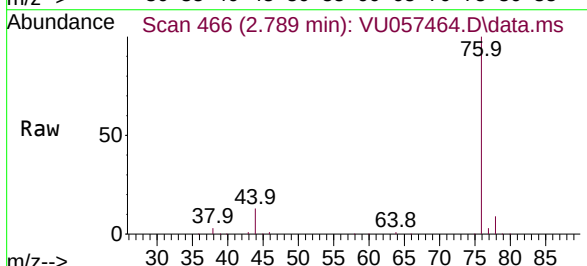
Acq: 11 Jan 2024 17:29

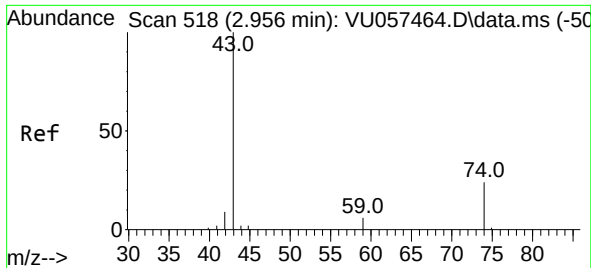
Tgt Ion: 76 Resp: 251289

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9

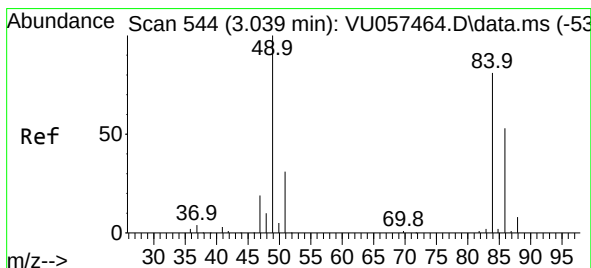
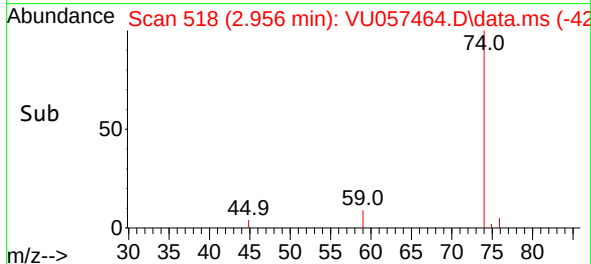
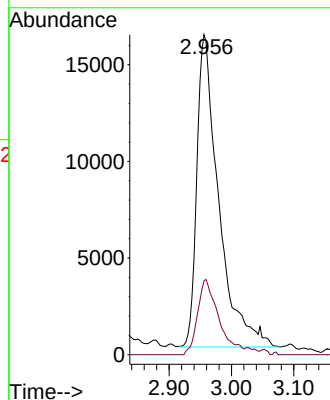
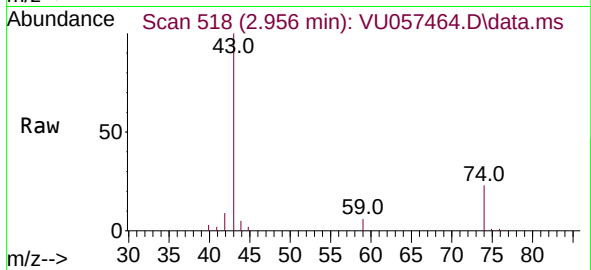




#15
Methyl Acetate
Concen: 4.467 ug/L
RT: 2.956 min Scan# 518
Delta R.T. 0.000 min
Lab File: VU057464.D
Acq: 11 Jan 2024 17:29

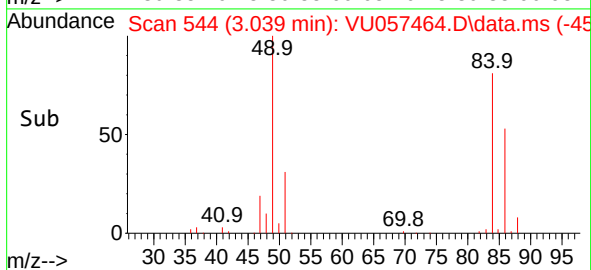
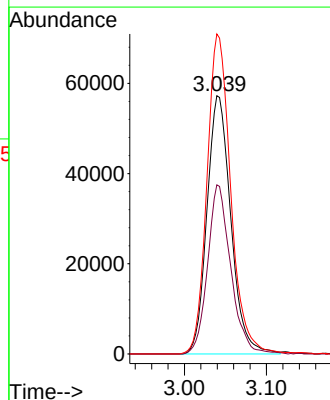
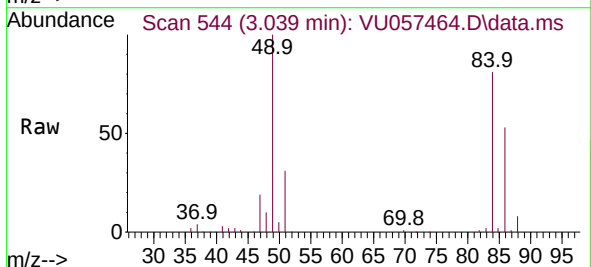
Instrument :
MSVOA_U
ClientSampleId :

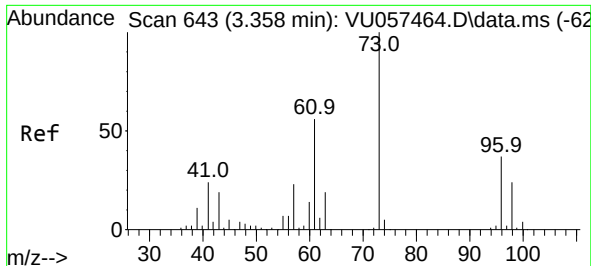
Tgt Ion: 43 Resp: 39343
Ion Ratio Lower Upper
43 100
74 23.2 18.6 27.8



#16
Methylene chloride
Concen: 4.518 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU057464.D
Acq: 11 Jan 2024 17:29

Tgt Ion: 84 Resp: 116139
Ion Ratio Lower Upper
84 100
86 65.5 45.8 85.2
49 123.9 86.7 161.1

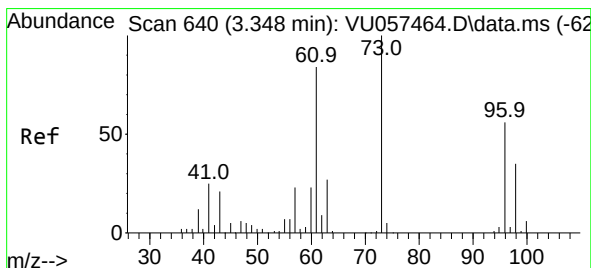
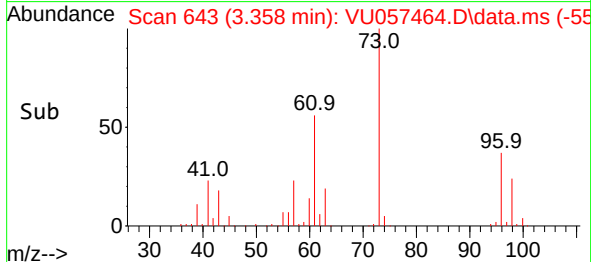
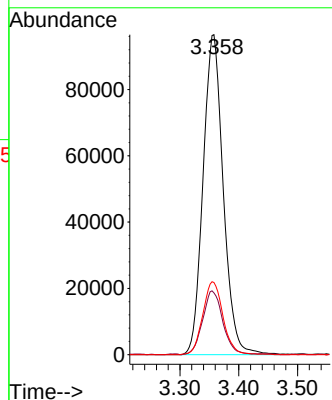
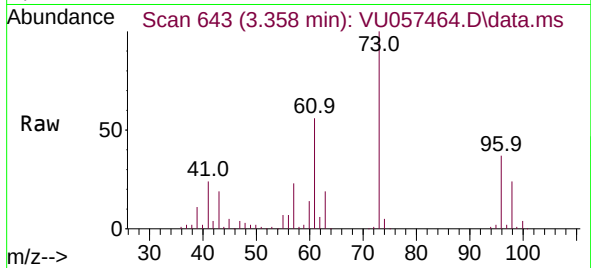




#17
Methyl tert-butyl Ether
Concen: 4.626 ug/L
RT: 3.358 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU057464.D
Acq: 11 Jan 2024 17:29

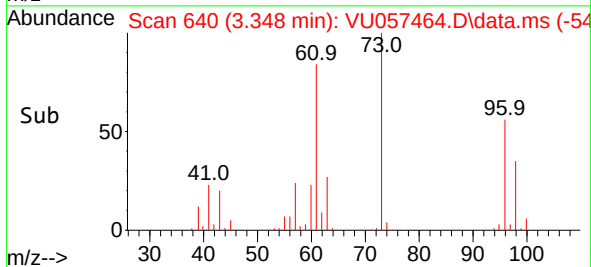
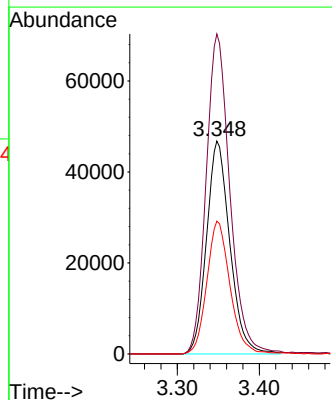
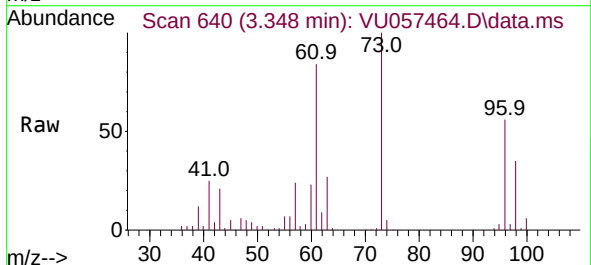
Instrument :
MSVOA_U
ClientSampleId :

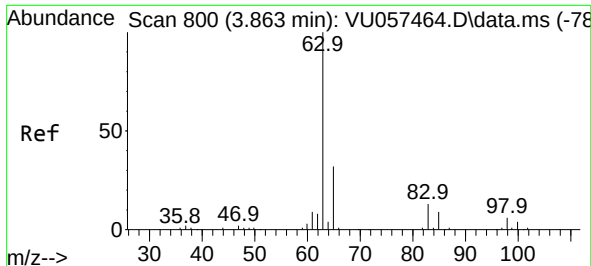
Tgt Ion: 73 Resp: 230145
Ion Ratio Lower Upper
73 100
43 20.1 16.1 24.1
57 22.8 18.2 27.4



#18
trans-1,2-Dichloroethene
Concen: 4.710 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU057464.D
Acq: 11 Jan 2024 17:29

Tgt Ion: 96 Resp: 92603
Ion Ratio Lower Upper
96 100
61 150.2 105.1 195.3
98 62.4 43.7 81.1





#19

1,1-Dichloroethane

Concen: 4.990 ug/L

RT: 3.863 min Scan# 800

Delta R.T. 0.000 min

Lab File: VU057464.D

Acq: 11 Jan 2024 17:29

Instrument :

MSVOA_U

ClientSampleId :

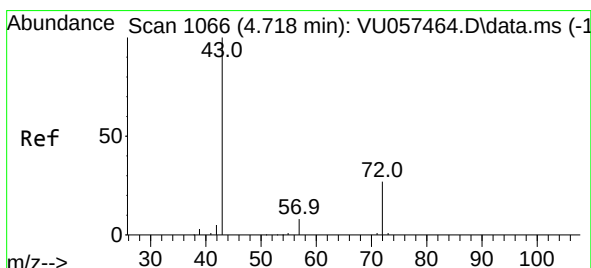
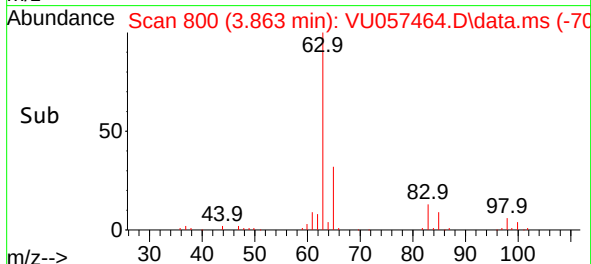
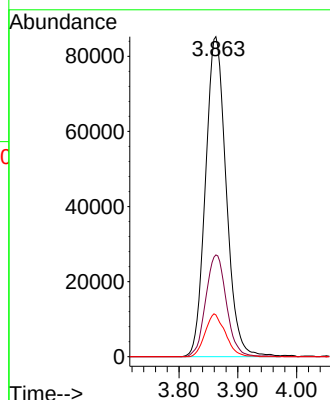
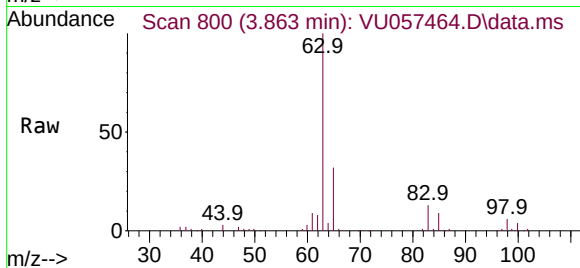
Tgt Ion: 63 Resp: 208372

Ion Ratio Lower Upper

63 100

65 31.8 22.3 41.3

83 13.0 9.1 16.9



#21

2-Butanone

Concen: 46.898 ug/L

RT: 4.718 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VU057464.D

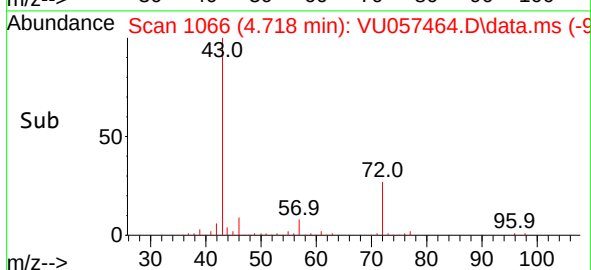
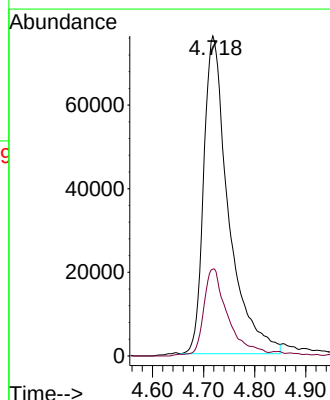
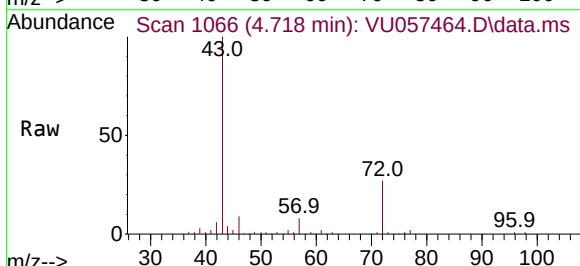
Acq: 11 Jan 2024 17:29

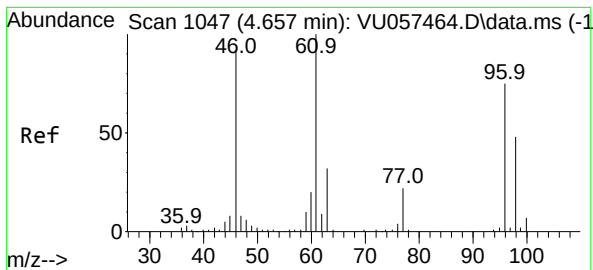
Tgt Ion: 43 Resp: 257088

Ion Ratio Lower Upper

43 100

72 25.3 12.7 38.0





#22

cis-1,2-Dichloroethene

Concen: 4.704 ug/L

RT: 4.657 min Scan# 1047

Delta R.T. 0.000 min

Lab File: VU057464.D

Acq: 11 Jan 2024 17:29

Instrument :

MSVOA_U

ClientSampleId :

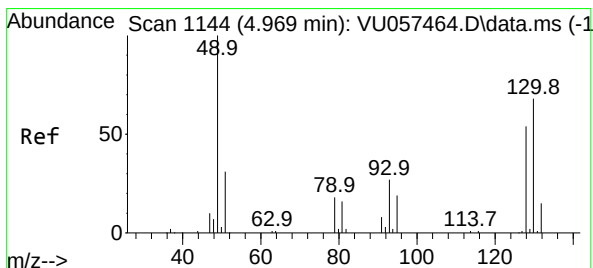
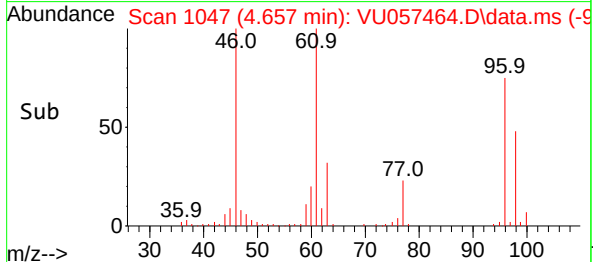
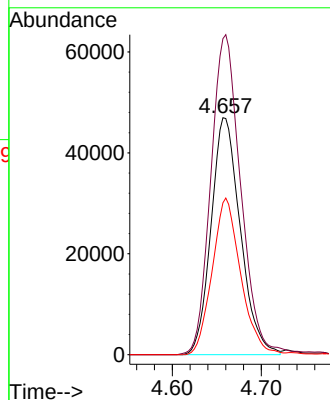
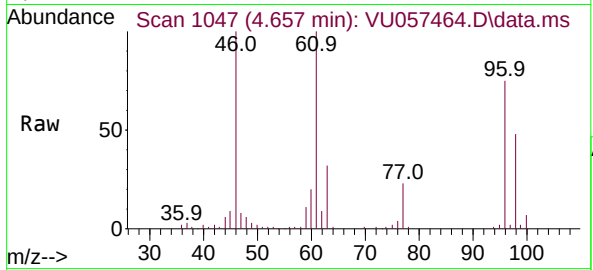
Tgt Ion: 96 Resp: 107118

Ion Ratio Lower Upper

96 100

61 133.4 93.4 173.4

98 64.1 44.9 83.3



#23

Bromochloromethane

Concen: 4.518 ug/L

RT: 4.969 min Scan# 1144

Delta R.T. 0.000 min

Lab File: VU057464.D

Acq: 11 Jan 2024 17:29

Tgt Ion:128 Resp: 45561

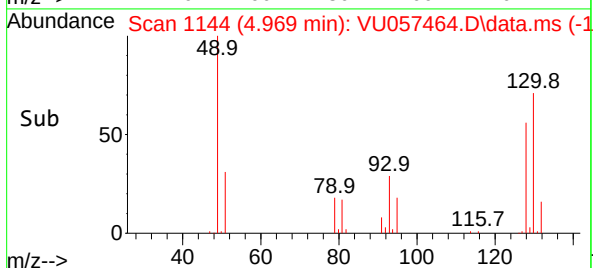
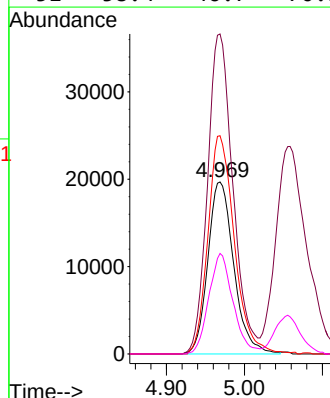
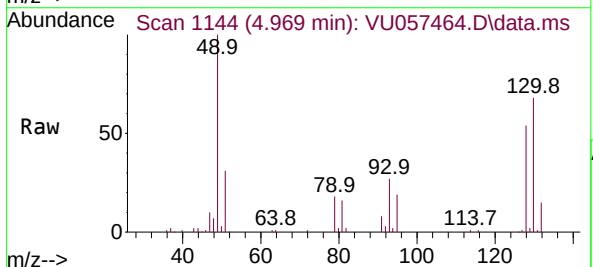
Ion Ratio Lower Upper

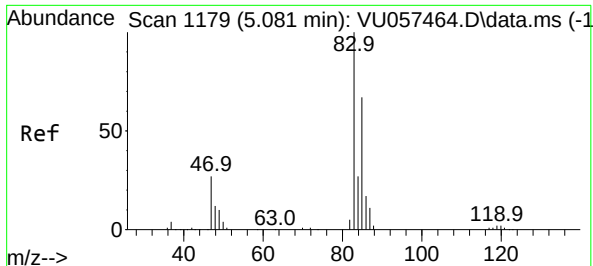
128 100

49 186.1 130.3 241.9

130 126.9 88.8 165.0

51 58.4 46.7 70.1





#25

Chloroform

Concen: 4.905 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VU057464.D

Acq: 11 Jan 2024 17:29

Instrument :

MSVOA_U

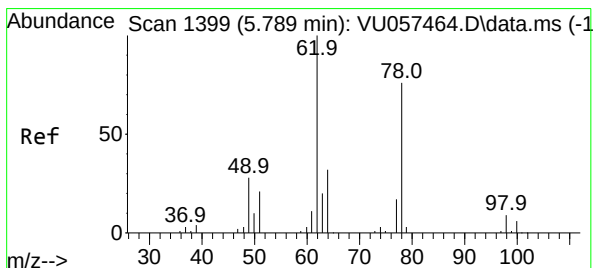
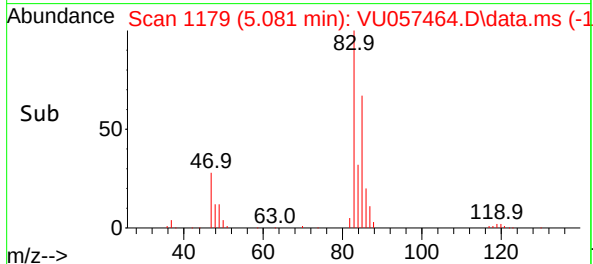
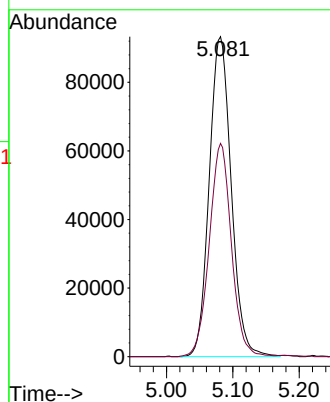
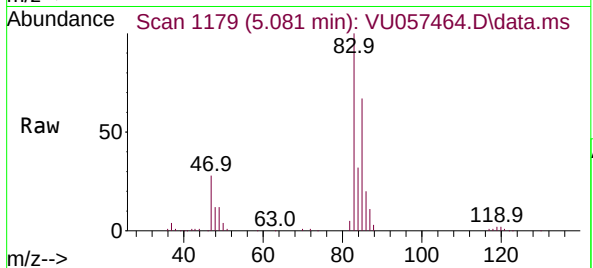
ClientSampleId :

Tgt Ion: 83 Resp: 215222

Ion Ratio Lower Upper

83 100

85 66.7 46.7 86.7



#27

1,2-Dichloroethane

Concen: 4.705 ug/L

RT: 5.789 min Scan# 1399

Delta R.T. 0.000 min

Lab File: VU057464.D

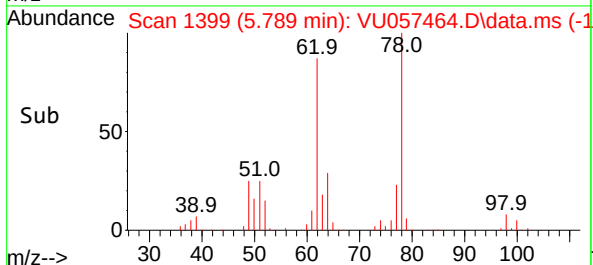
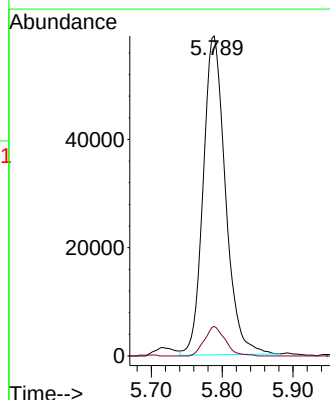
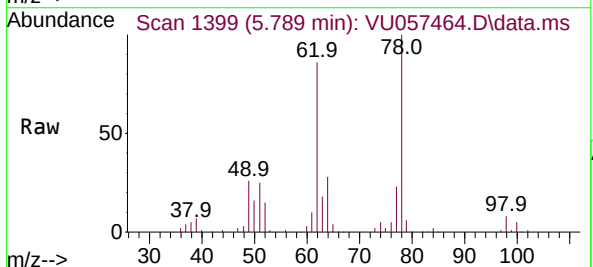
Acq: 11 Jan 2024 17:29

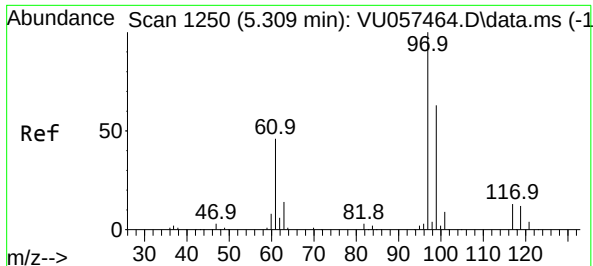
Tgt Ion: 62 Resp: 128522

Ion Ratio Lower Upper

62 100

98 9.2 7.4 11.0

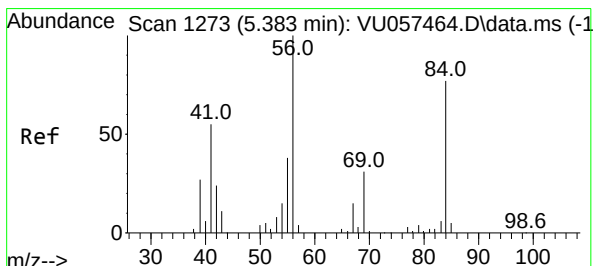
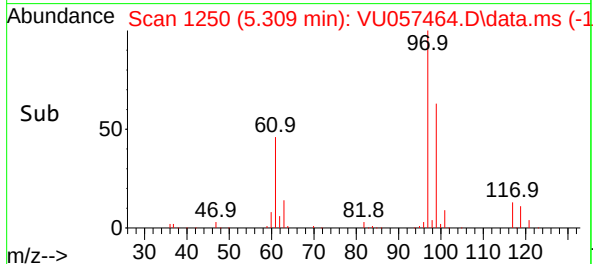
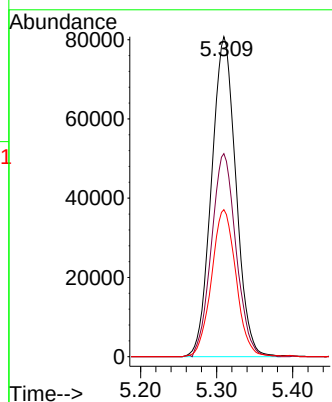
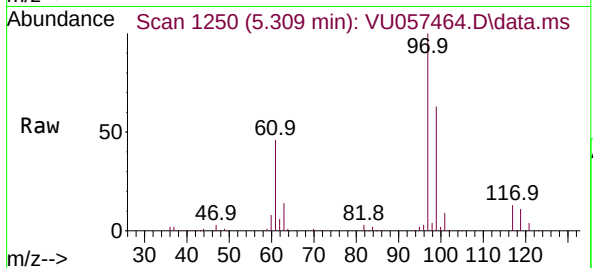




#29
1,1,1-Trichloroethane
Concen: 5.545 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. 0.000 min
Lab File: VU057464.D
Acq: 11 Jan 2024 17:29

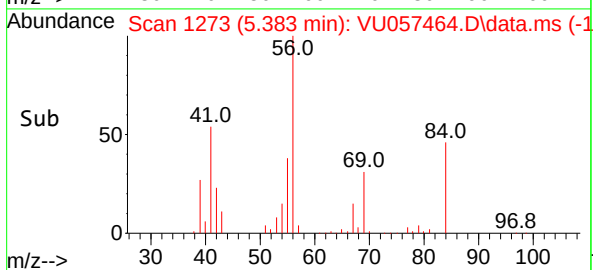
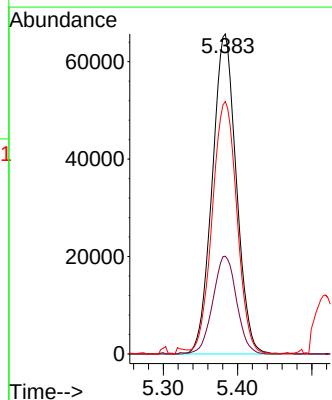
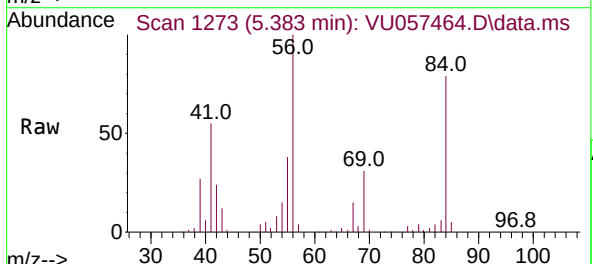
Instrument :
MSVOA_U
ClientSampleId :

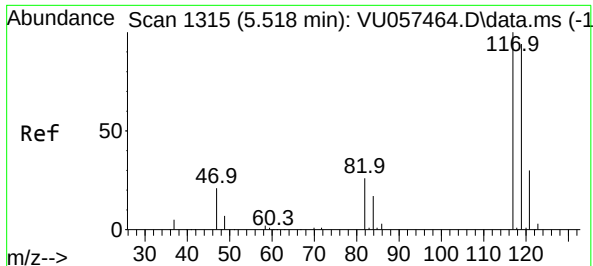
Tgt Ion: 97 Resp: 180009
Ion Ratio Lower Upper
97 100
99 64.2 51.4 77.0
61 46.1 36.9 55.3



#30
Cyclohexane
Concen: 5.990 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VU057464.D
Acq: 11 Jan 2024 17:29

Tgt Ion: 56 Resp: 147922
Ion Ratio Lower Upper
56 100
69 30.1 24.1 36.1
84 81.0 64.8 97.2

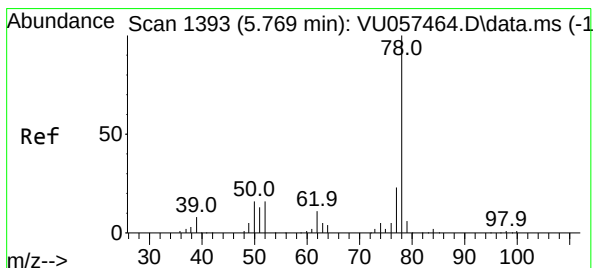
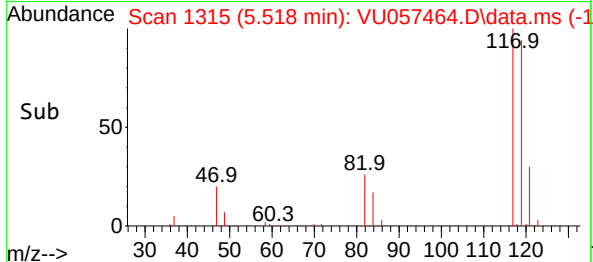
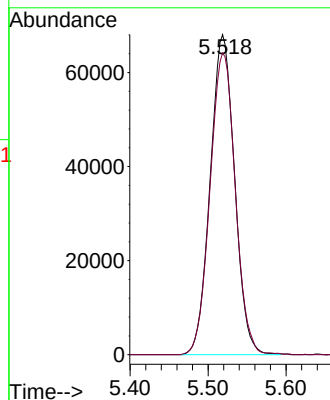
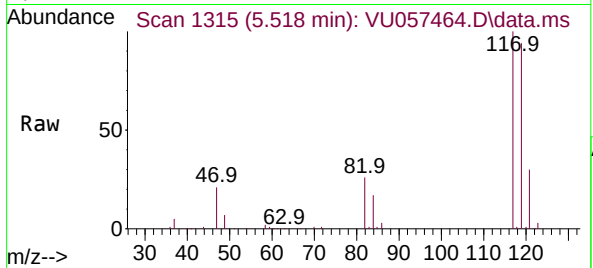




#31
Carbon tetrachloride
Concen: 5.460 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU057464.D
Acq: 11 Jan 2024 17:29

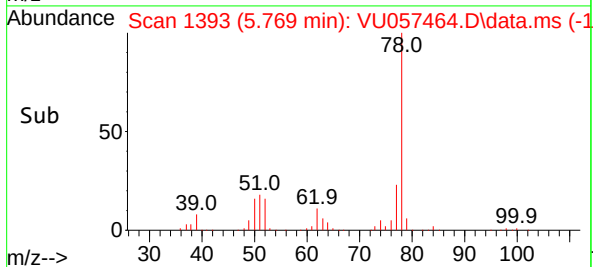
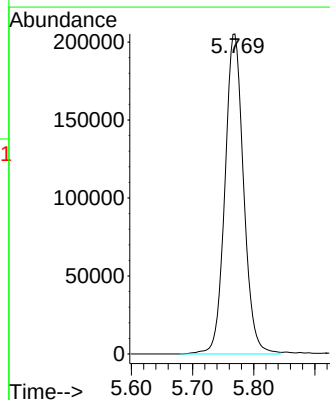
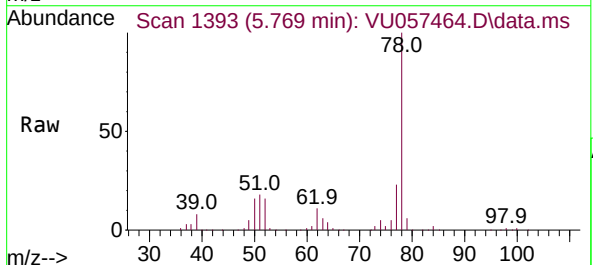
Instrument :
MSVOA_U
ClientSampleId :

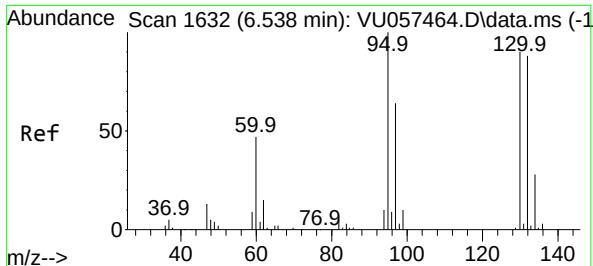
Tgt Ion:117 Resp: 148161
Ion Ratio Lower Upper
117 100
119 97.5 78.0 117.0



#33
Benzene
Concen: 5.841 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.000 min
Lab File: VU057464.D
Acq: 11 Jan 2024 17:29

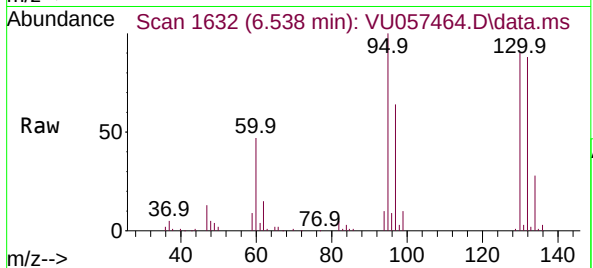
Tgt Ion: 78 Resp: 435465





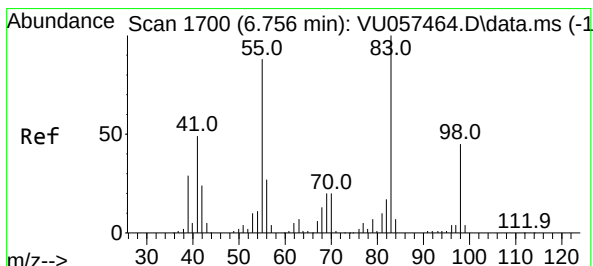
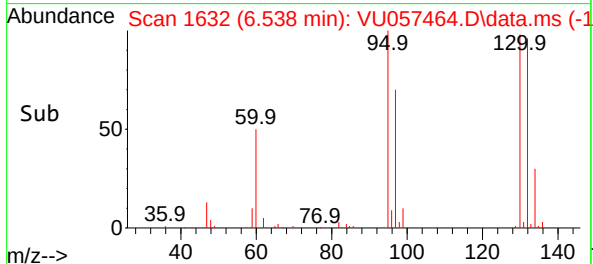
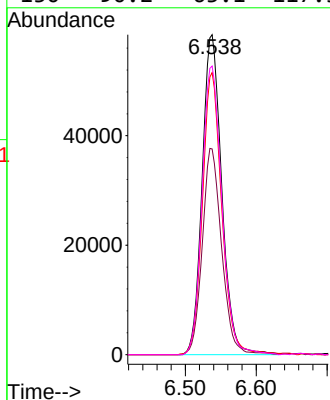
#34
Trichloroethene
Concen: 5.674 ug/L
RT: 6.538 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU057464.D
Acq: 11 Jan 2024 17:29

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 112326

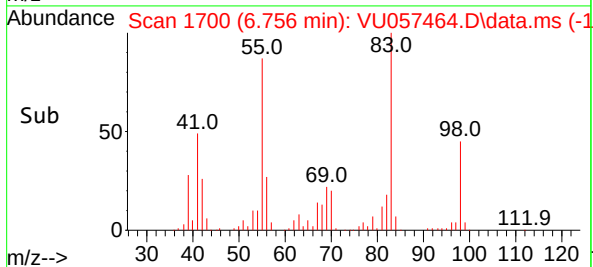
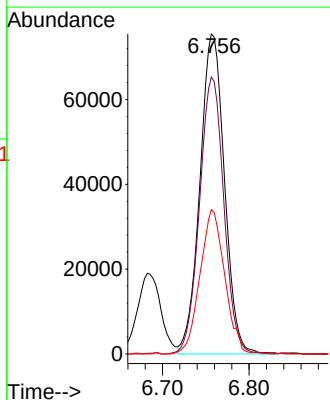
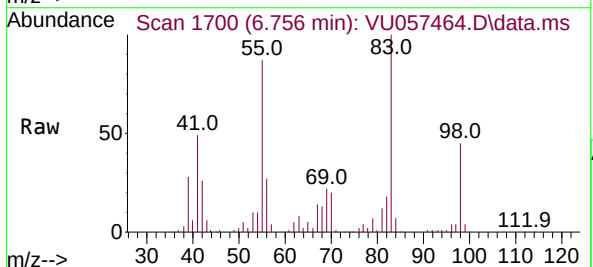
Ion	Ratio	Lower	Upper
95	100		
97	64.3	45.0	83.6
132	88.1	61.7	114.5
130	90.2	63.1	117.3

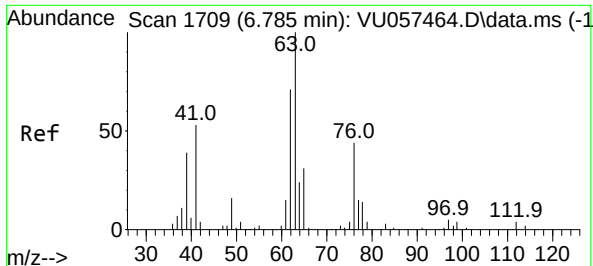


#35
Methylcyclohexane
Concen: 5.756 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VU057464.D
Acq: 11 Jan 2024 17:29

Tgt Ion: 83 Resp: 148543

Ion	Ratio	Lower	Upper
83	100		
55	85.9	68.7	103.1
98	45.4	36.3	54.5

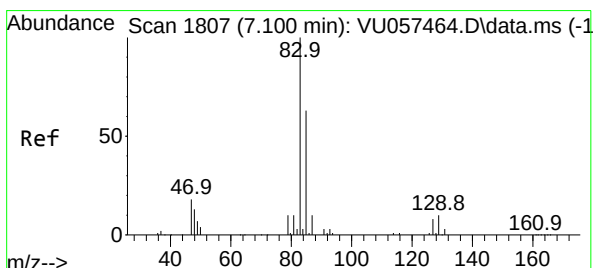
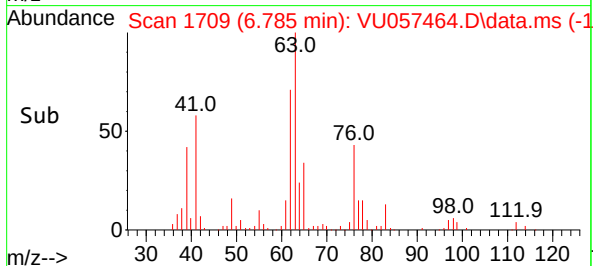
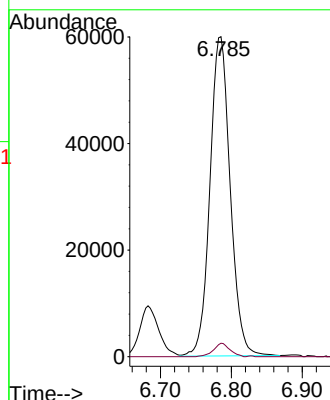
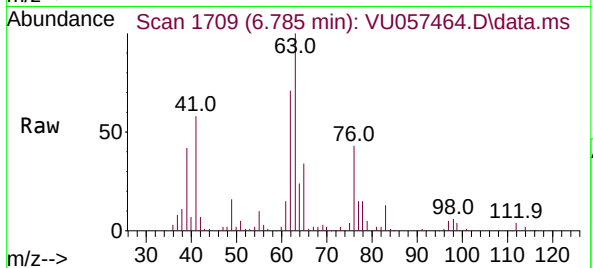




#37
1,2-Dichloropropane
Concen: 5.752 ug/L
RT: 6.785 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU057464.D
Acq: 11 Jan 2024 17:29

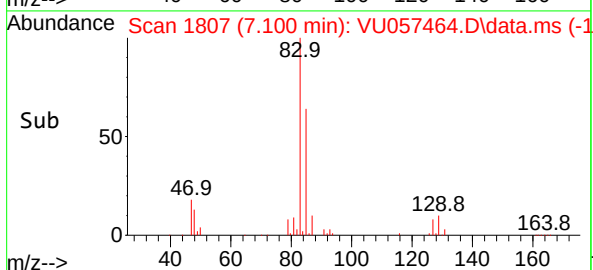
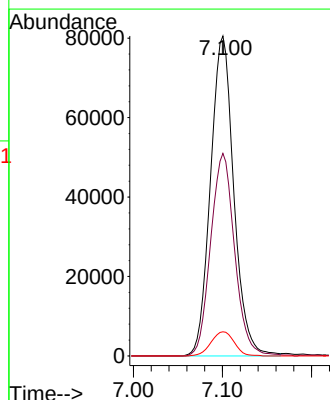
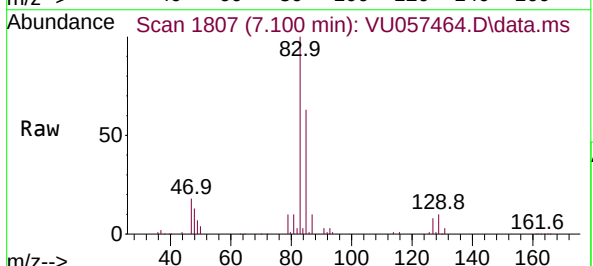
Instrument :
MSVOA_U
ClientSampleId :

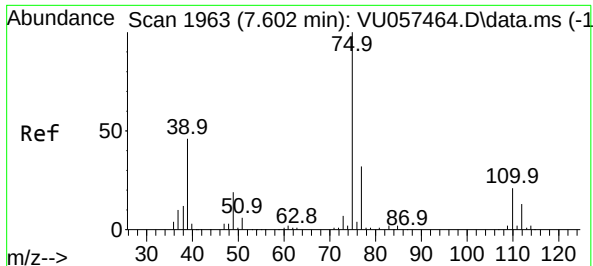
Tgt Ion: 63 Resp: 119071
Ion Ratio Lower Upper
63 100
112 3.4 2.7 4.1



#38
Bromodichloromethane
Concen: 5.556 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VU057464.D
Acq: 11 Jan 2024 17:29

Tgt Ion: 83 Resp: 146442
Ion Ratio Lower Upper
83 100
85 63.3 44.3 82.3
127 7.6 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 5.641 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VU057464.D

Acq: 11 Jan 2024 17:29

Instrument :

MSVOA_U

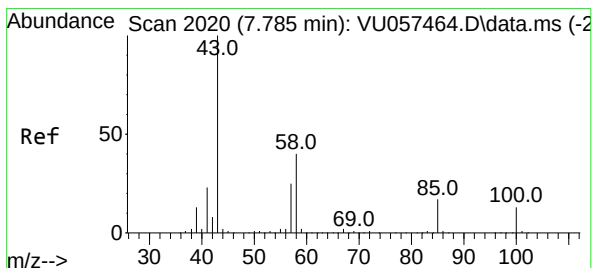
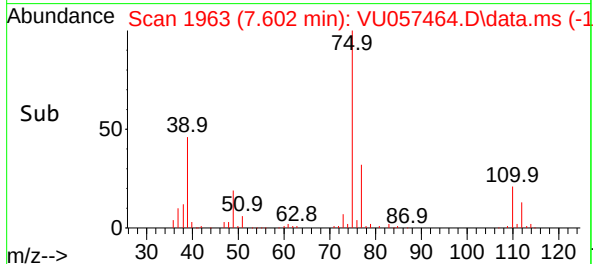
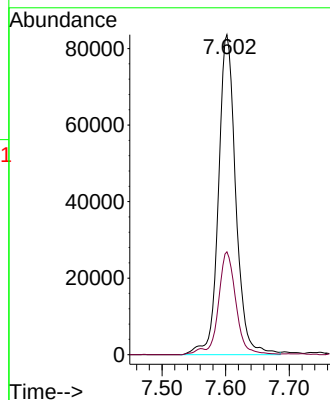
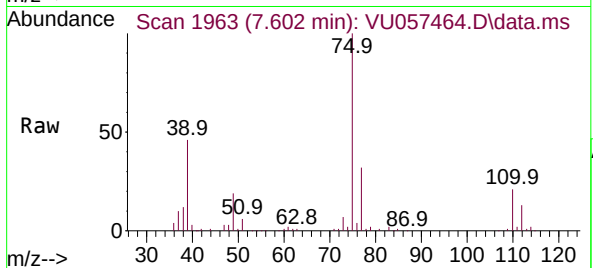
ClientSampleId :

Tgt Ion: 75 Resp: 158350

Ion Ratio Lower Upper

75 100

77 32.2 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 59.853 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. 0.000 min

Lab File: VU057464.D

Acq: 11 Jan 2024 17:29

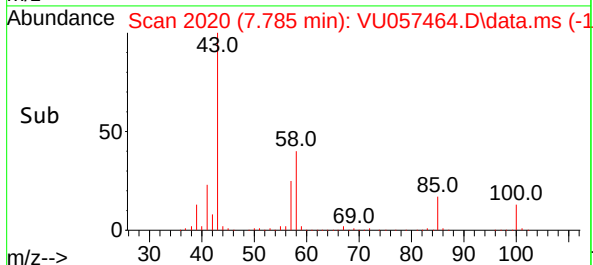
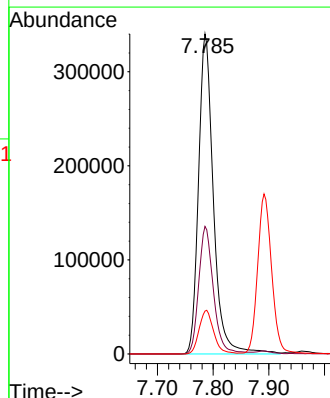
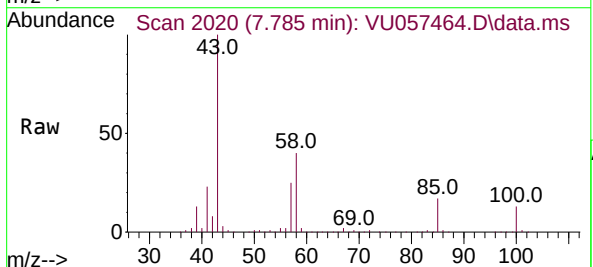
Tgt Ion: 43 Resp: 632094

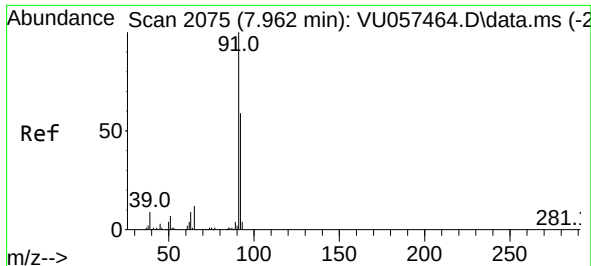
Ion Ratio Lower Upper

43 100

58 39.3 31.4 47.2

100 13.4 10.7 16.1





#42

Toluene

Concen: 5.604 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU057464.D

Acq: 11 Jan 2024 17:29

Instrument :

MSVOA_U

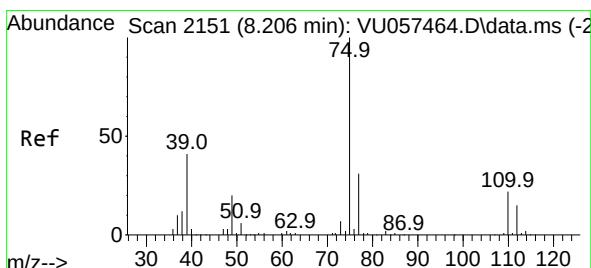
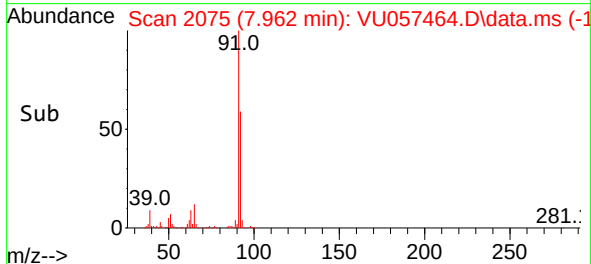
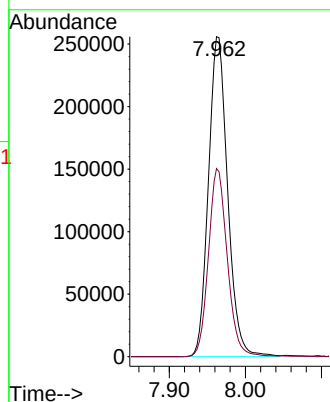
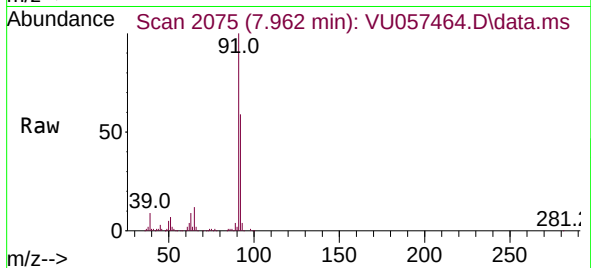
ClientSampleId :

Tgt Ion: 91 Resp: 449065

Ion Ratio Lower Upper

91 100

92 58.8 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 5.477 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU057464.D

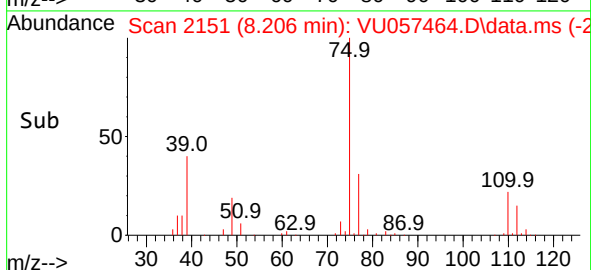
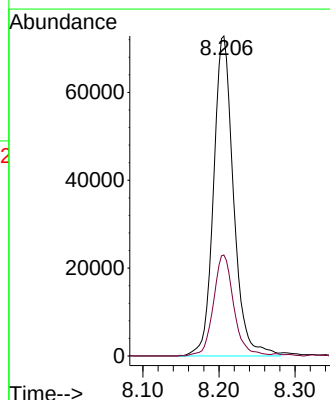
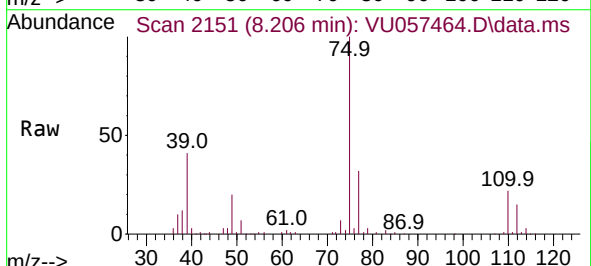
Acq: 11 Jan 2024 17:29

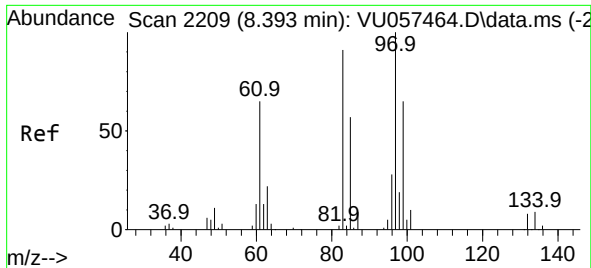
Tgt Ion: 75 Resp: 133018

Ion Ratio Lower Upper

75 100

77 31.6 22.1 41.1

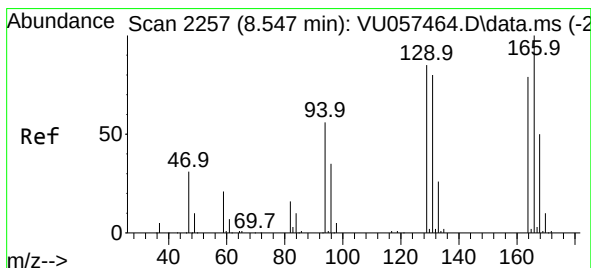
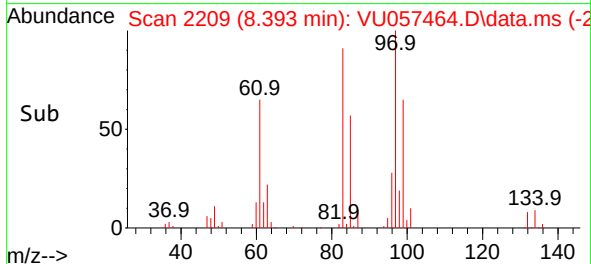
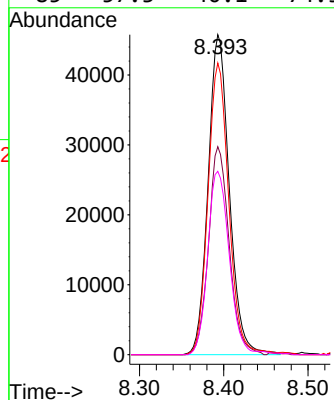
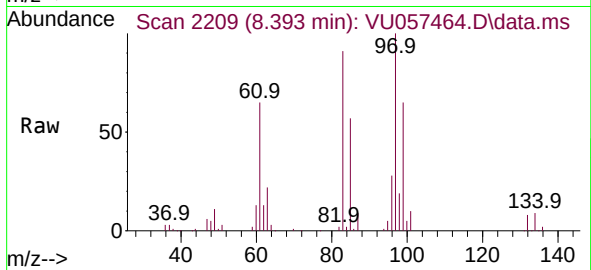




#45
1,1,2-Trichloroethane
Concen: 5.412 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU057464.D
Acq: 11 Jan 2024 17:29

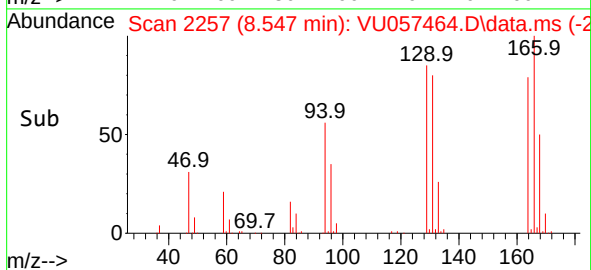
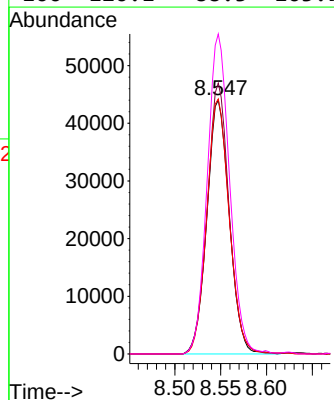
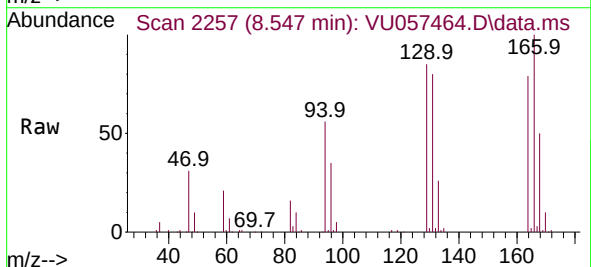
Instrument :
MSVOA_U
ClientSampleId :

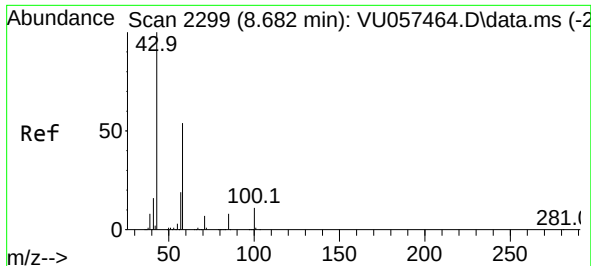
Tgt Ion:	97	Resp:	80164
Ion	Ratio	Lower	Upper
97	100		
99	65.0	45.5	84.5
83	91.2	63.8	118.6
85	57.3	40.1	74.5



#47
Tetrachloroethene
Concen: 5.425 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU057464.D
Acq: 11 Jan 2024 17:29

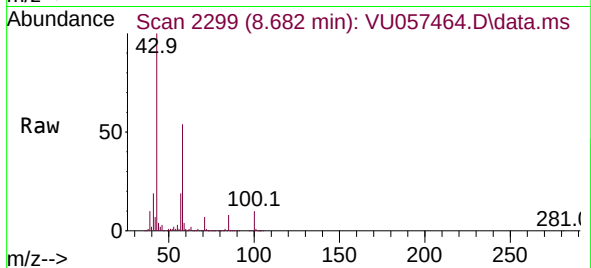
Tgt Ion:	164	Resp:	74897
Ion	Ratio	Lower	Upper
164	100		
129	106.8	74.8	138.8
131	100.5	70.3	130.7
166	126.1	88.3	163.9



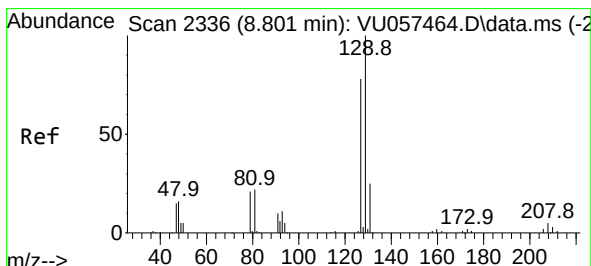
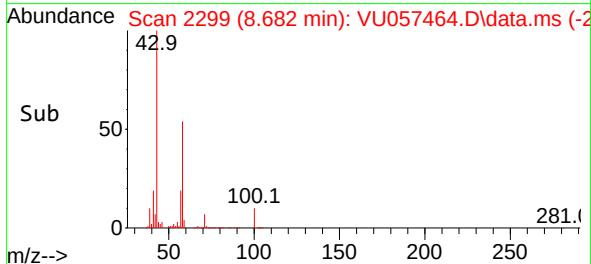
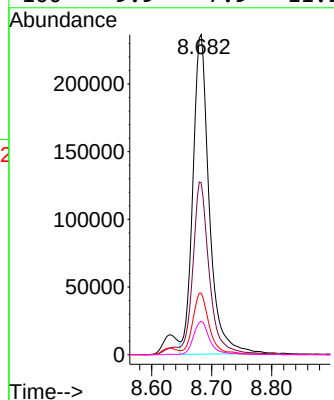


#48
2-Hexanone
Concen: 58.437 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VU057464.D
Acq: 11 Jan 2024 17:29

Instrument :
MSVOA_U
ClientSampleId :

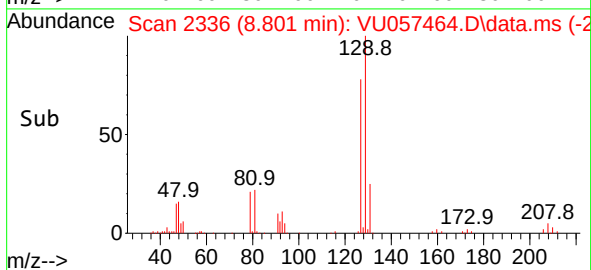
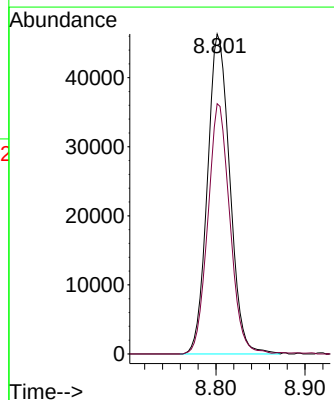
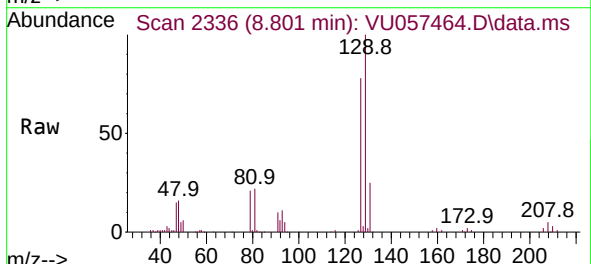


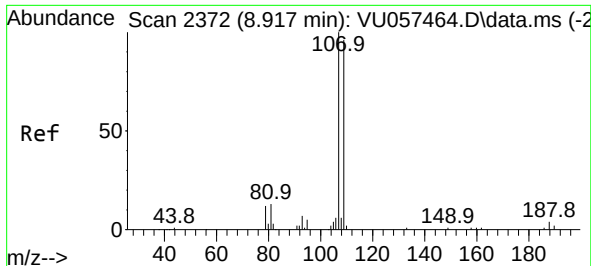
Tgt Ion:	43	Resp:	449345
Ion	Ratio	Lower	Upper
43	100		
58	53.9	43.1	64.7
57	19.4	15.5	23.3
100	9.9	7.9	11.9



#49
Dibromochloromethane
Concen: 4.922 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU057464.D
Acq: 11 Jan 2024 17:29

Tgt Ion:	129	Resp:	80969
Ion	Ratio	Lower	Upper
129	100		
127	78.2	54.7	101.7





#50

1,2-Dibromoethane

Concen: 4.885 ug/L

RT: 8.917 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU057464.D

Acq: 11 Jan 2024 17:29

Instrument :

MSVOA_U

ClientSampleId :

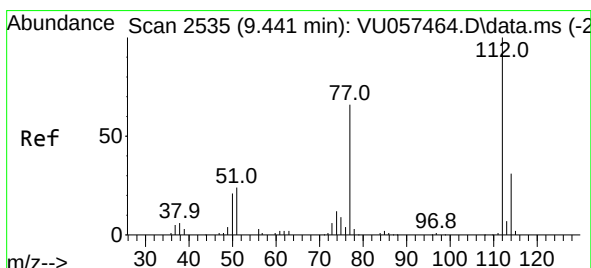
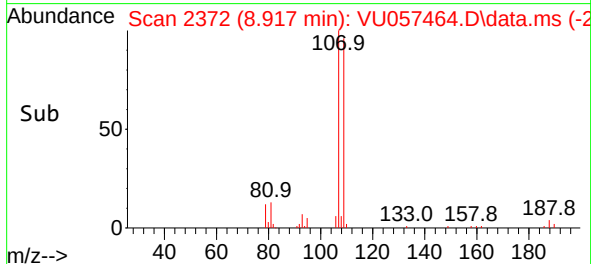
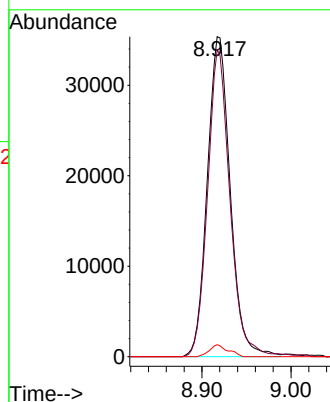
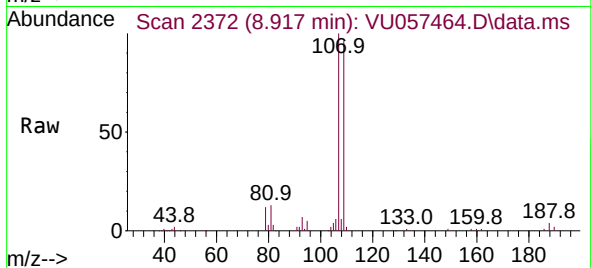
Tgt Ion:107 Resp: 63246

Ion Ratio Lower Upper

107 100

109 95.9 67.1 124.7

188 3.7 3.0 4.4



#51

Chlorobenzene

Concen: 4.831 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. 0.000 min

Lab File: VU057464.D

Acq: 11 Jan 2024 17:29

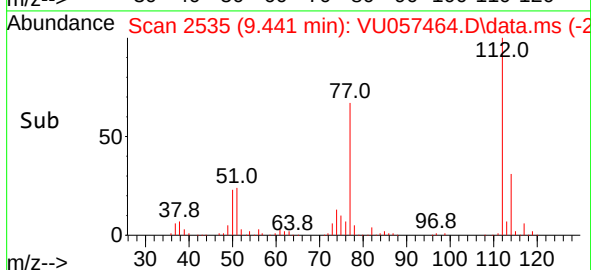
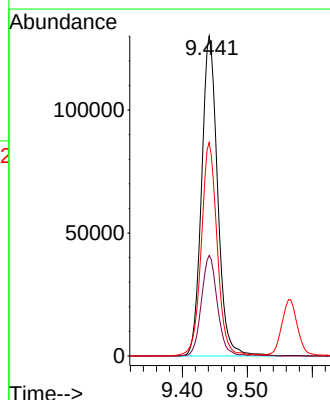
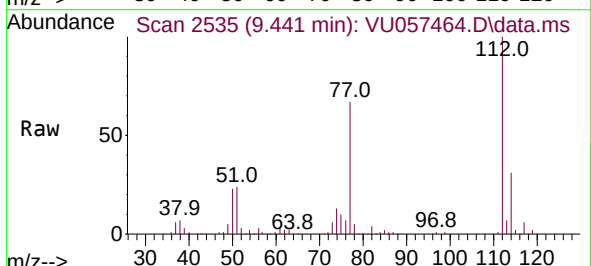
Tgt Ion:112 Resp: 223918

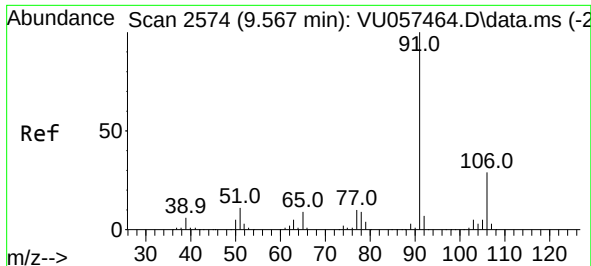
Ion Ratio Lower Upper

112 100

114 31.4 22.0 40.8

77 66.7 53.4 80.0

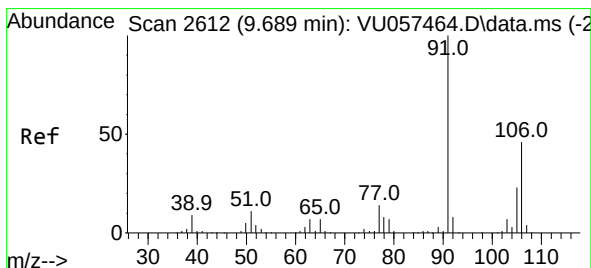
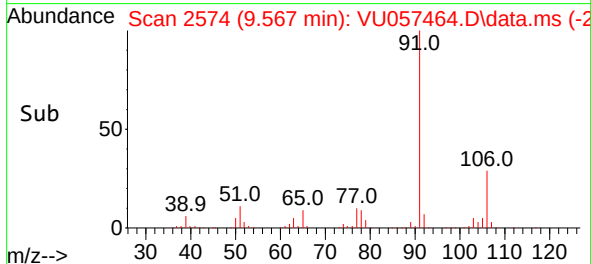
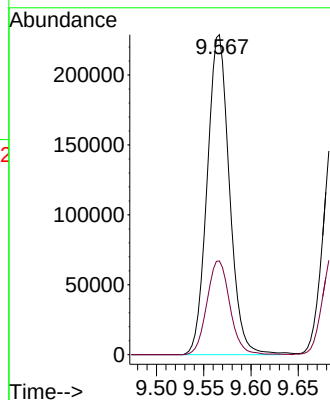
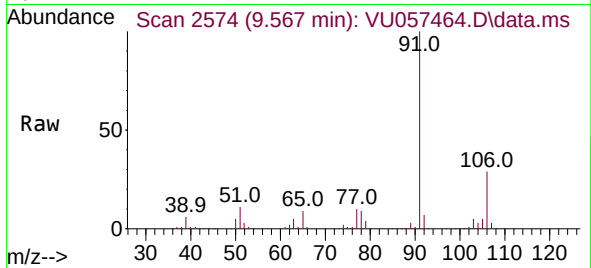




#52
Ethylbenzene
Concen: 4.892 ug/L
RT: 9.567 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU057464.D
Acq: 11 Jan 2024 17:29

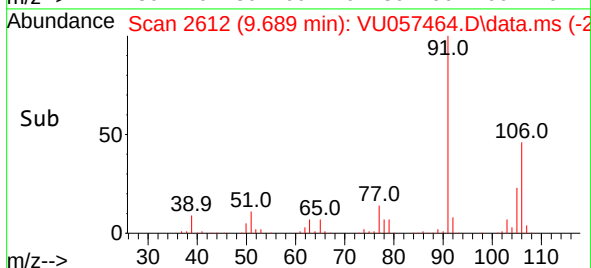
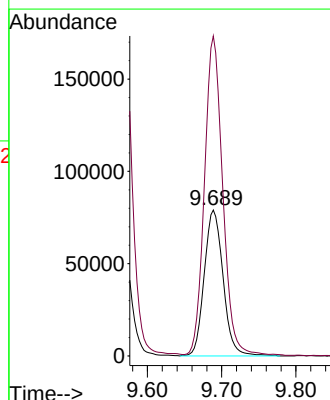
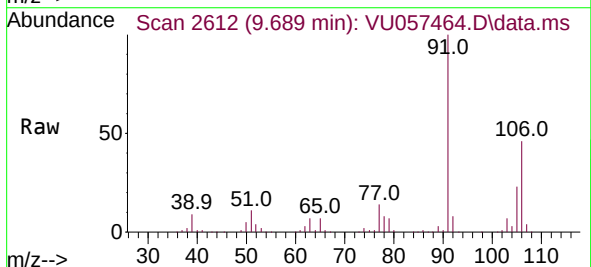
Instrument :
MSVOA_U
ClientSampleId :

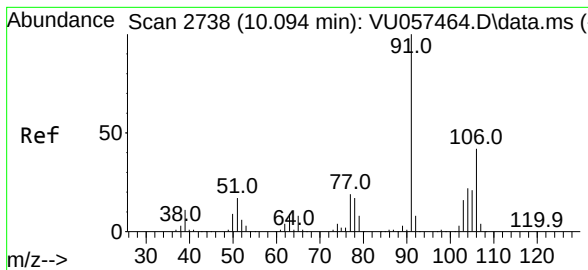
Tgt Ion: 91 Resp: 373873
Ion Ratio Lower Upper
91 100
106 29.3 20.5 38.1



#53
m,p-Xylene
Concen: 4.831 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU057464.D
Acq: 11 Jan 2024 17:29

Tgt Ion:106 Resp: 139679
Ion Ratio Lower Upper
106 100
91 219.2 153.4 285.0

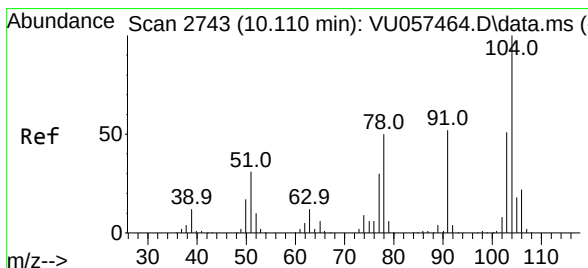
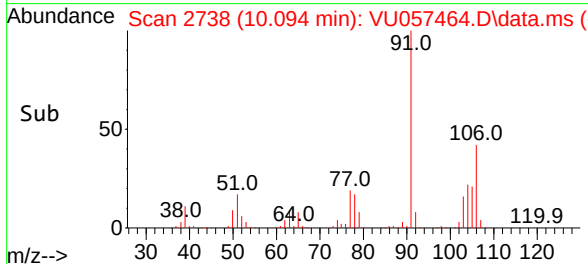
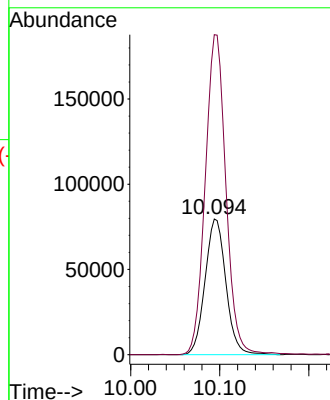
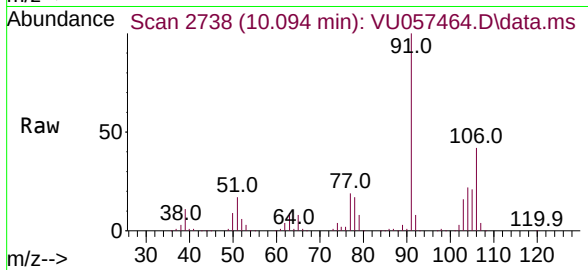




#54
o-Xylene
Concen: 4.740 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU057464.D
Acq: 11 Jan 2024 17:29

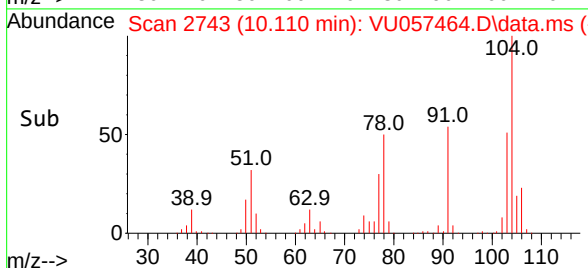
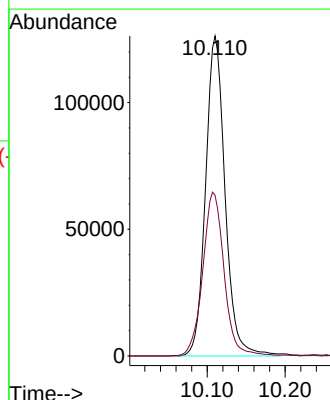
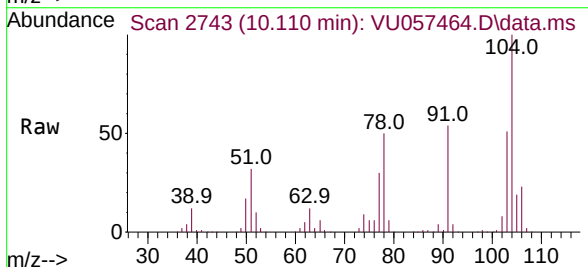
Instrument :
MSVOA_U
ClientSampleId :

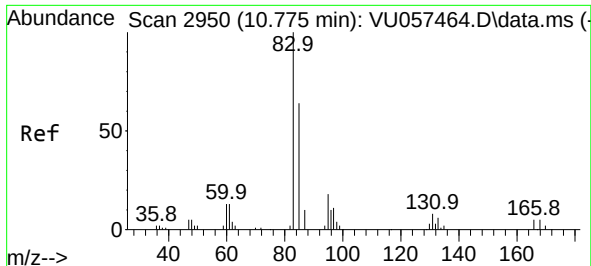
Tgt Ion:106 Resp: 129394
Ion Ratio Lower Upper
106 100
91 235.8 165.1 306.5



#55
Styrene
Concen: 4.801 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU057464.D
Acq: 11 Jan 2024 17:29

Tgt Ion:104 Resp: 219463
Ion Ratio Lower Upper
104 100
78 50.2 35.1 65.3

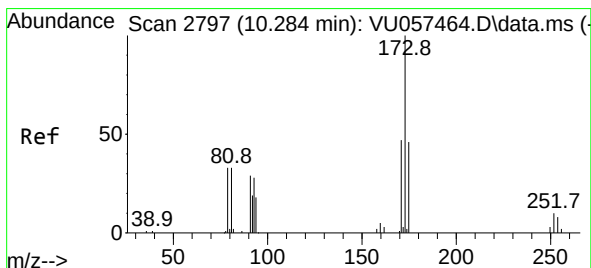
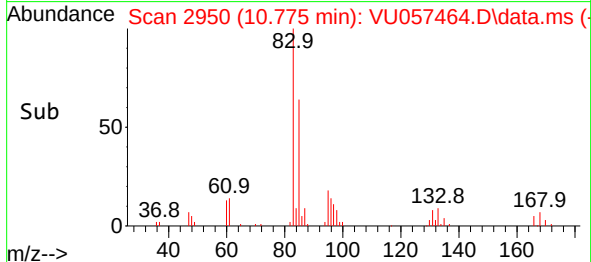
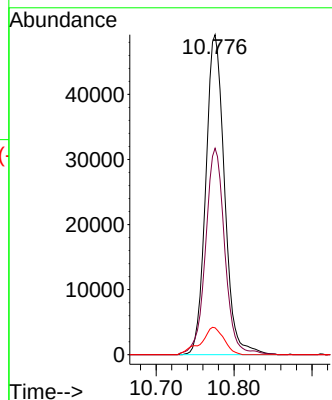
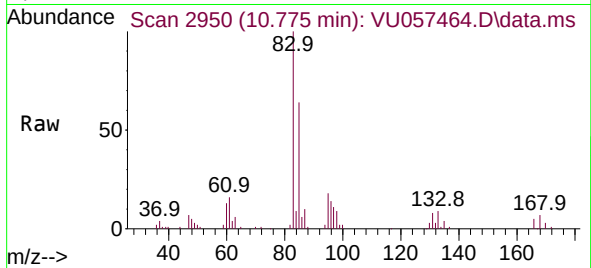




#57
1,1,2,2-Tetrachloroethane
Concen: 4.666 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU057464.D
Acq: 11 Jan 2024 17:29

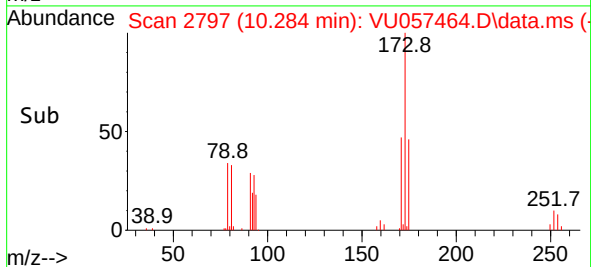
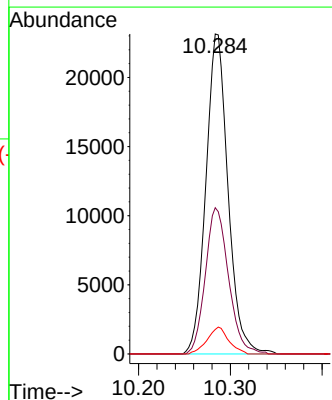
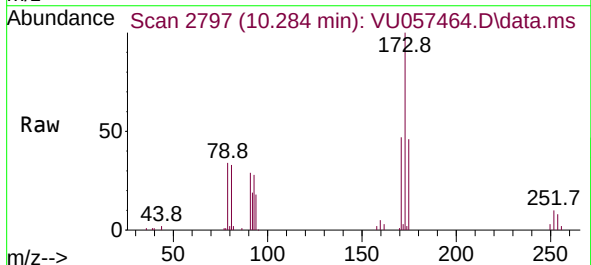
Instrument :
MSVOA_U
ClientSampleId :

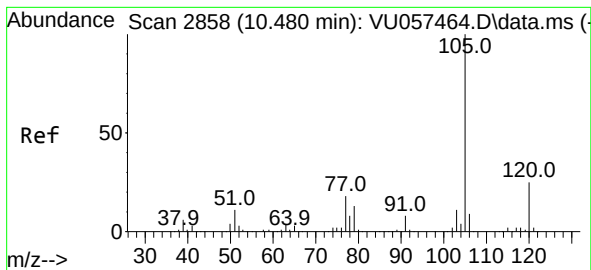
Tgt Ion: 83 Resp: 82158
Ion Ratio Lower Upper
83 100
85 64.5 45.1 83.9
131 8.4 6.7 10.1



#59
Bromoform
Concen: 3.755 ug/L
RT: 10.284 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VU057464.D
Acq: 11 Jan 2024 17:29

Tgt Ion:173 Resp: 38812
Ion Ratio Lower Upper
173 100
175 47.9 38.3 57.5
254 8.2 6.6 9.8





#60

Isopropylbenzene

Concen: 4.328 ug/L

RT: 10.480 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU057464.D

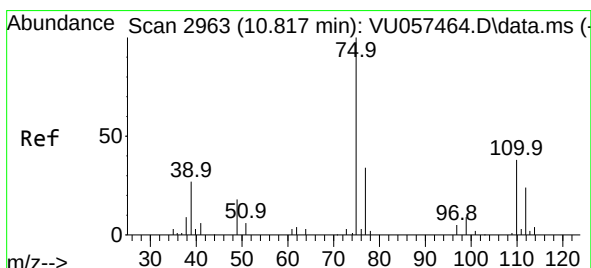
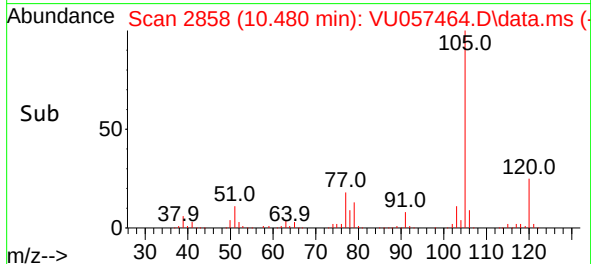
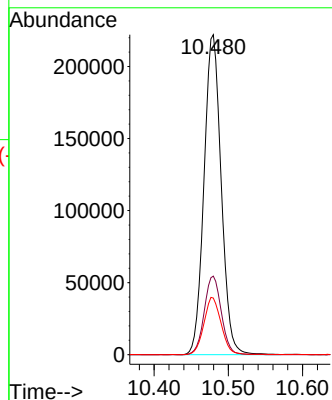
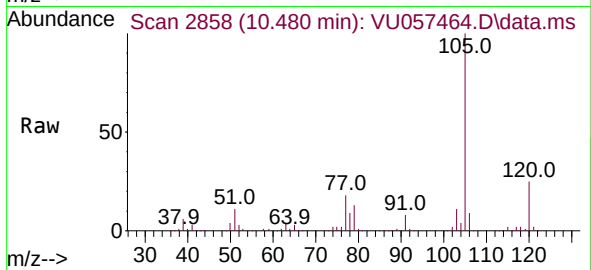
Acq: 11 Jan 2024 17:29

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	105	Resp:	356902
Ion Ratio	Lower	Upper	
105	100		
120	24.3	19.4	29.2
77	18.0	14.4	21.6



#61

1,2,3-Trichloropropane

Concen: 4.130 ug/L

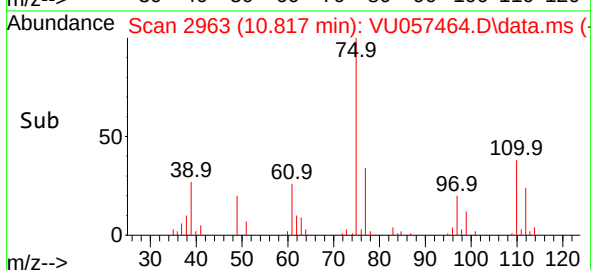
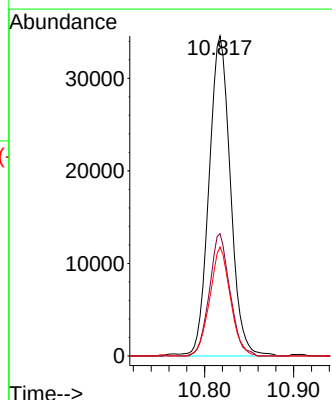
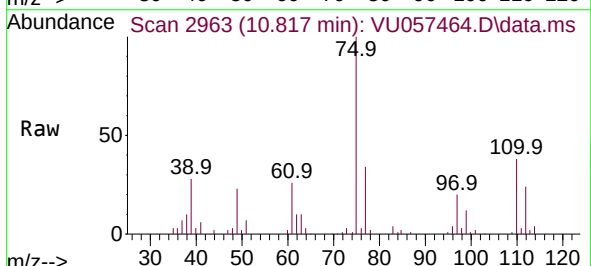
RT: 10.817 min Scan# 2963

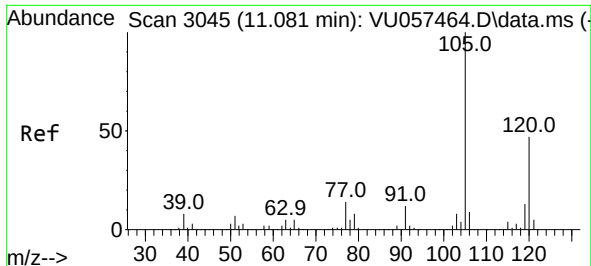
Delta R.T. 0.000 min

Lab File: VU057464.D

Acq: 11 Jan 2024 17:29

Tgt Ion:	75	Resp:	57644
Ion Ratio	Lower	Upper	
75	100		
110	36.7	29.4	44.0
77	32.8	26.2	39.4

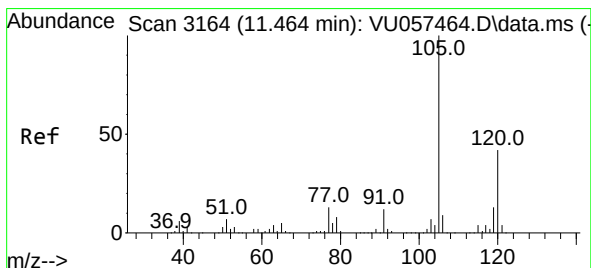
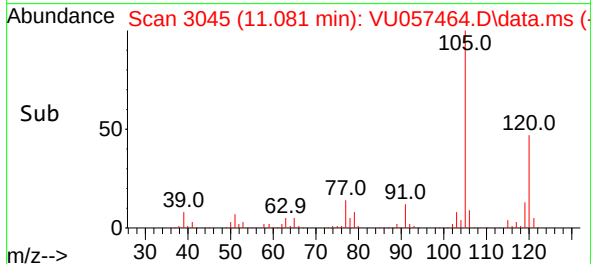
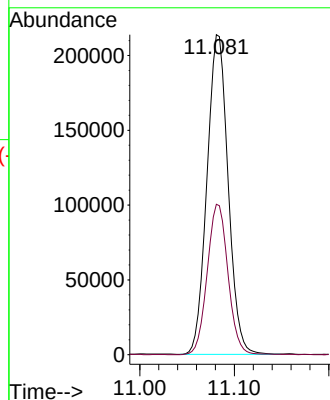
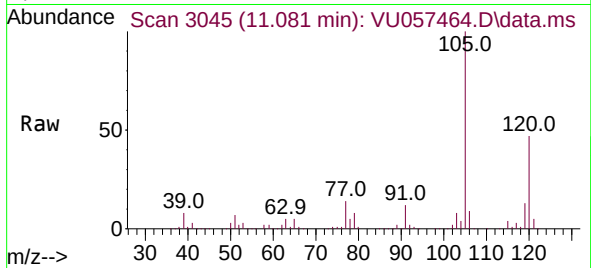




#62
1,3,5-Trimethylbenzene
Concen: 4.974 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. 0.000 min
Lab File: VU057464.D
Acq: 11 Jan 2024 17:29

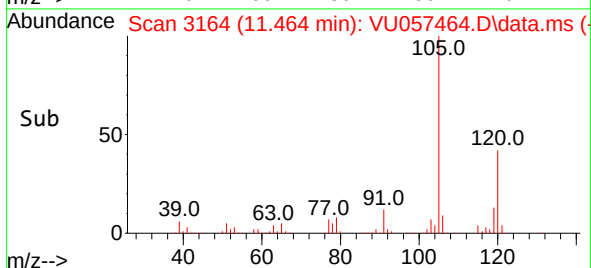
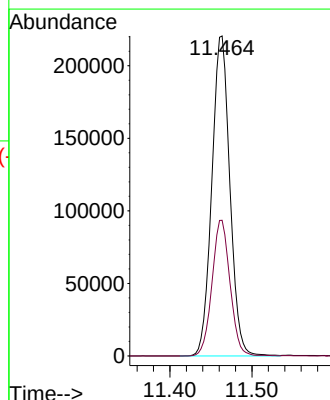
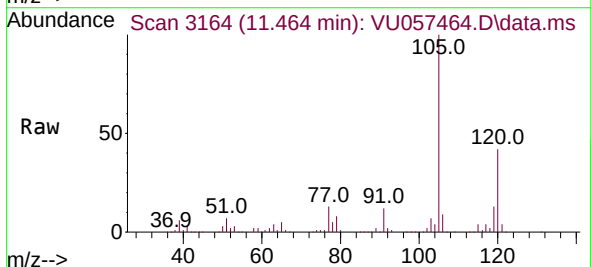
Instrument :
MSVOA_U
ClientSampleId :

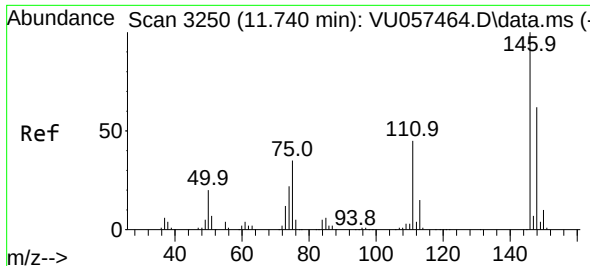
Tgt Ion:105 Resp: 331996
Ion Ratio Lower Upper
105 100
120 46.3 37.0 55.6



#63
1,2,4-Trimethylbenzene
Concen: 5.074 ug/L
RT: 11.464 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU057464.D
Acq: 11 Jan 2024 17:29

Tgt Ion:105 Resp: 337892
Ion Ratio Lower Upper
105 100
120 42.3 33.8 50.8

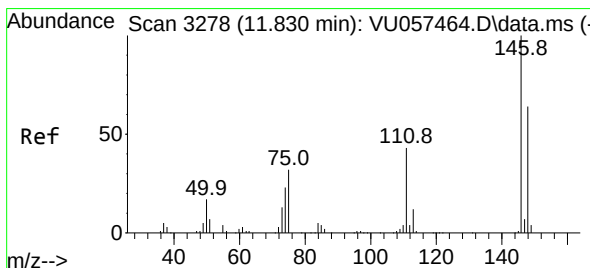
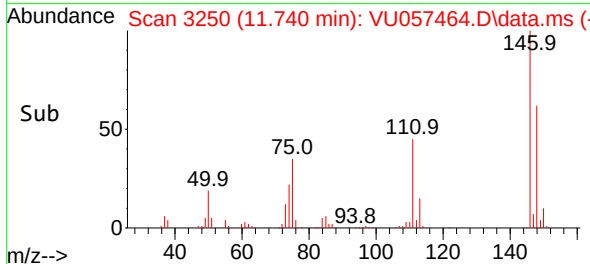
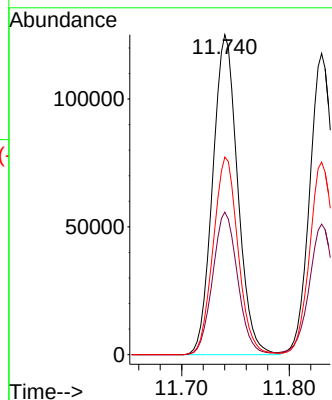
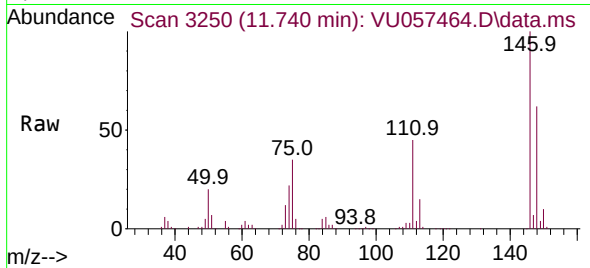




#64
1,3-Dichlorobenzene
Concen: 4.946 ug/L
RT: 11.740 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU057464.D
Acq: 11 Jan 2024 17:29

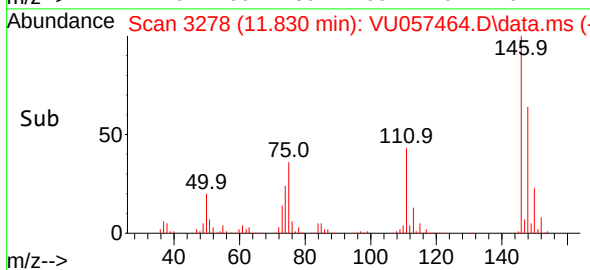
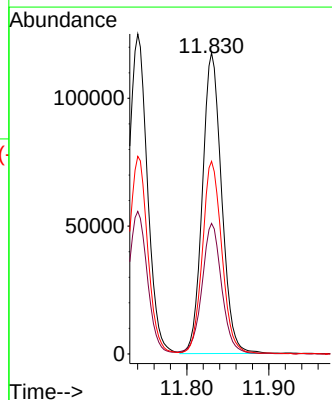
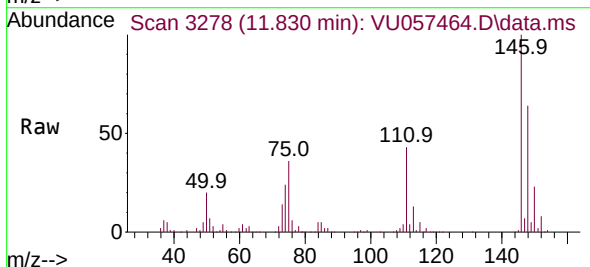
Instrument :
MSVOA_U
ClientSampleId :

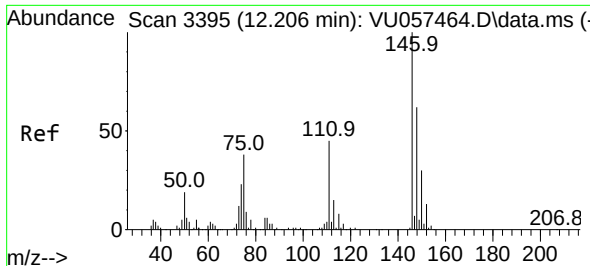
Tgt Ion:146 Resp: 202000
Ion Ratio Lower Upper
146 100
111 44.5 31.1 57.9
148 61.7 43.2 80.2



#65
1,4-Dichlorobenzene
Concen: 4.647 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU057464.D
Acq: 11 Jan 2024 17:29

Tgt Ion:146 Resp: 191678
Ion Ratio Lower Upper
146 100
111 43.3 30.3 56.3
148 63.9 44.7 83.1

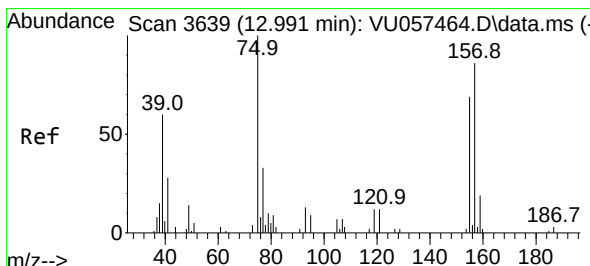
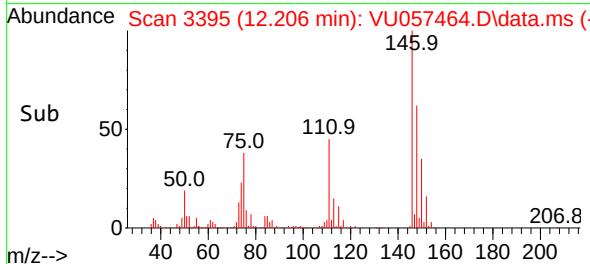
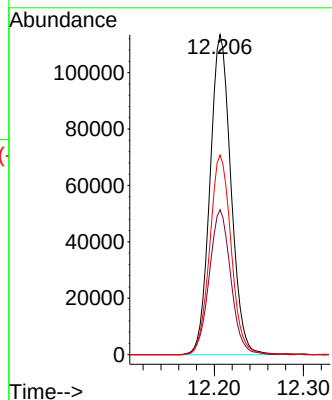
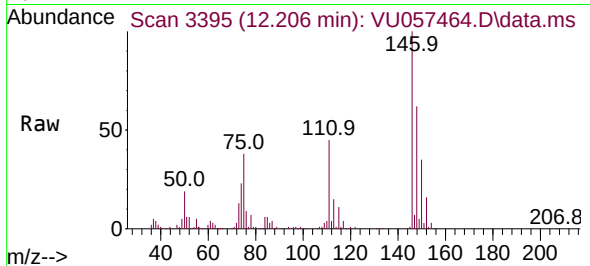




#67
1,2-Dichlorobenzene
Concen: 4.738 ug/L
RT: 12.206 min Scan# 3395
Delta R.T. 0.000 min
Lab File: VU057464.D
Acq: 11 Jan 2024 17:29

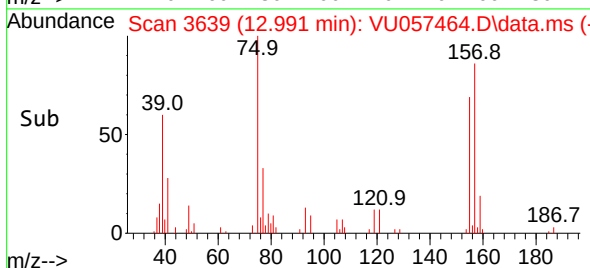
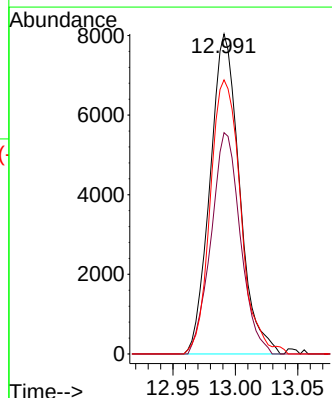
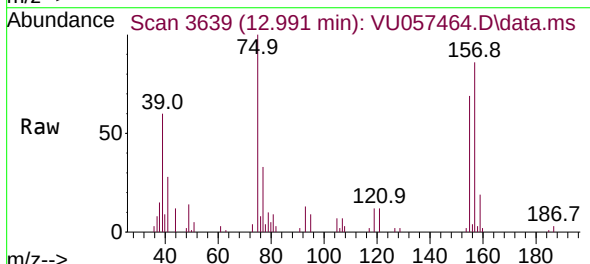
Instrument :
MSVOA_U
ClientSampleId :

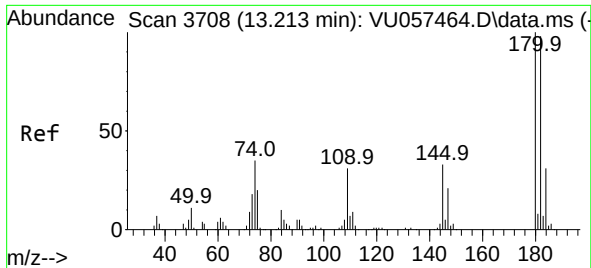
Tgt Ion:146 Resp: 185400
Ion Ratio Lower Upper
146 100
111 45.3 36.2 54.4
148 62.4 49.9 74.9



#68
1,2-Dibromo-3-chloropropane
Concen: 4.248 ug/L
RT: 12.991 min Scan# 3639
Delta R.T. 0.000 min
Lab File: VU057464.D
Acq: 11 Jan 2024 17:29

Tgt Ion: 75 Resp: 13216
Ion Ratio Lower Upper
75 100
155 69.2 55.4 83.0
157 85.7 68.6 102.8





#69

1,3,5-Trichlorobenzene

Concen: 4.624 ug/L

RT: 13.213 min Scan# 3708

Delta R.T. 0.000 min

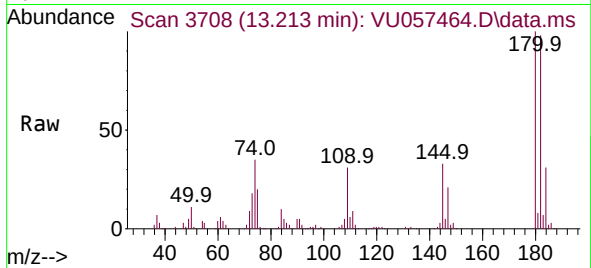
Lab File: VU057464.D

Acq: 11 Jan 2024 17:29

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 134374

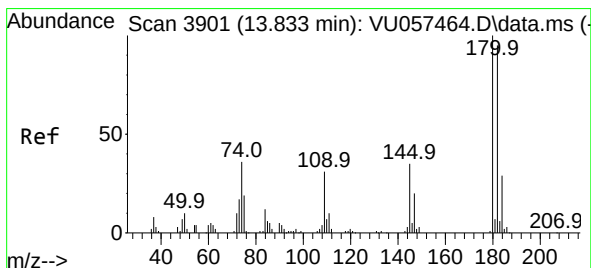
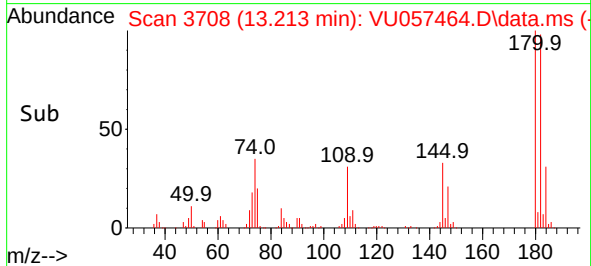
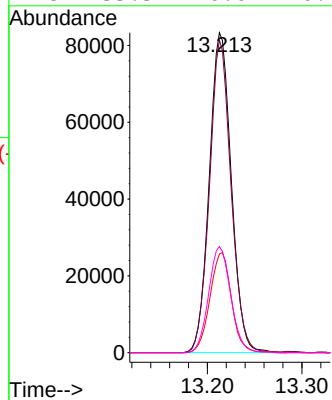
Ion Ratio Lower Upper

180 100

182 95.8 76.6 115.0

184 30.8 24.6 37.0

145 33.3 26.6 40.0



#70

1,2,4-trichlorobenzene

Concen: 4.053 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU057464.D

Acq: 11 Jan 2024 17:29

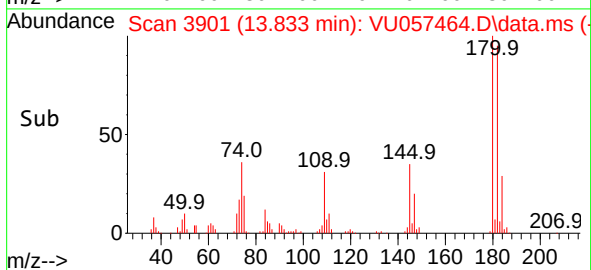
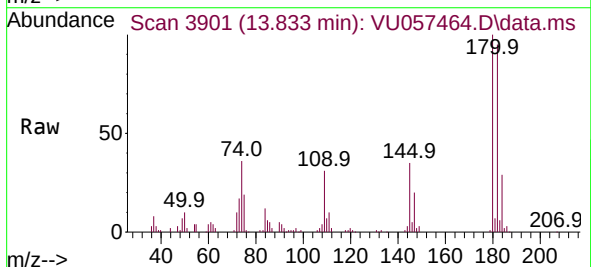
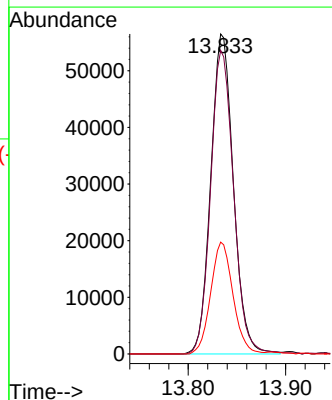
Tgt Ion:180 Resp: 91166

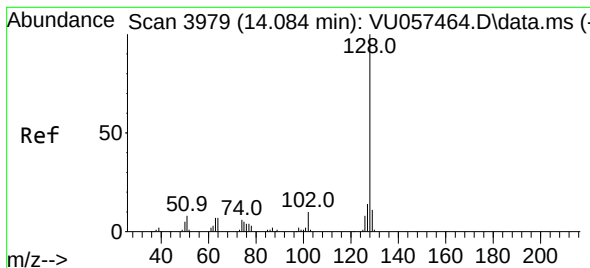
Ion Ratio Lower Upper

180 100

182 96.4 77.1 115.7

145 34.5 27.6 41.4





#71

Naphthalene

Concen: 3.186 ug/L

RT: 14.084 min Scan# 3979

Delta R.T. 0.000 min

Lab File: VU057464.D

Acq: 11 Jan 2024 17:29

Instrument :

MSVOA_U

ClientSampleId :

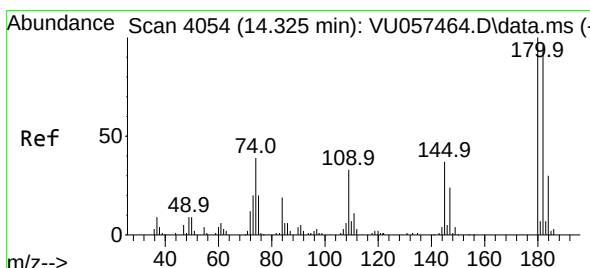
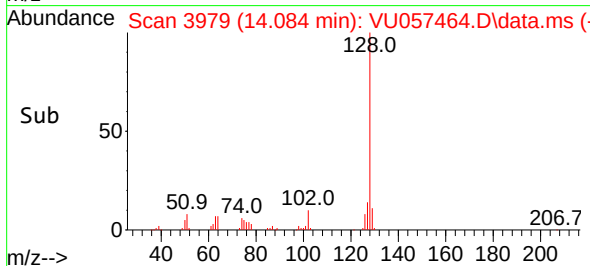
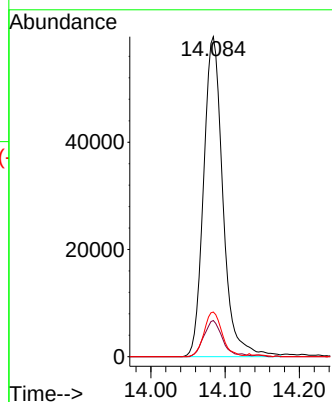
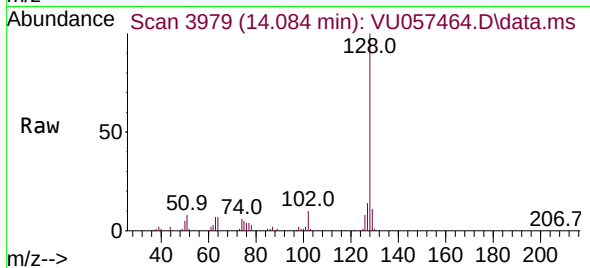
Tgt Ion:128 Resp: 107849

Ion Ratio Lower Upper

128 100

129 10.6 8.5 12.7

127 13.1 10.5 15.7



#72

1,2,3-Trichlorobenzene

Concen: 3.483 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. 0.000 min

Lab File: VU057464.D

Acq: 11 Jan 2024 17:29

Tgt Ion:180 Resp: 66098

Ion Ratio Lower Upper

180 100

182 96.3 77.0 115.6

145 37.5 30.0 45.0

