

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032124\
 Data File : VU058183.D
 Acq On : 21 Mar 2024 13:46
 Operator : MD/SY
 Sample : VSTD020
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 22 04:41:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 22 04:38:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	91642	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	88360	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	45857	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	167591	24.899	ug/L	0.00
7) Chloroethane-d5	1.911	69	138060	24.845	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	72376	25.101	ug/L	0.00
20) 2-Butanone-d5	4.618	46	334735	297.480	ug/L	0.00
24) Chloroform-d	5.052	84	307121	24.407	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.692	65	143735	24.992	ug/L	0.00
32) Benzene-d6	5.717	84	631517	24.321	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	188404	23.986	ug/L	0.00
41) Toluene-d8	7.891	98	577193	24.639	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.171	79	67708	25.662	ug/L	0.00
46) 2-Hexanone-d5	8.624	63	280802	306.940	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	125013	26.029	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	184960	24.218	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	77863	15.143	ug/L	100
3) Chloromethane	1.518	50	92363	15.157	ug/L	98
5) Vinyl chloride	1.602	62	108361	16.640	ug/L	100
6) Bromomethane	1.856	94	58346	16.820	ug/L	98
8) Chloroethane	1.930	64	71697	17.224	ug/L	99
9) Trichlorofluoromethane	2.136	101	176388	18.497	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	109883	18.297	ug/L	98
12) 1,1-Dichloroethene	2.576	96	95080	18.153	ug/L	96
13) Acetone	2.640	43	186896	233.835	ug/L	96
14) Carbon disulfide	2.788	76	218390	13.966	ug/L	100
15) Methyl Acetate	2.946	43	38682	21.792	ug/L	92
16) Methylene chloride	3.036	84	112769	17.348	ug/L	98
17) Methyl tert-butyl Ether	3.351	73	263123	20.660	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	100455	17.544	ug/L	100
19) 1,1-Dichloroethane	3.859	63	223790	19.197	ug/L	99
21) 2-Butanone	4.698	43	295495	234.456	ug/L	100
22) cis-1,2-Dichloroethene	4.656	96	124469	19.409	ug/L	97
23) Bromochloromethane	4.965	128	49530	20.711	ug/L	95
25) Chloroform	5.078	83	233846	19.531	ug/L	96
27) 1,2-Dichloroethane	5.785	62	132806	20.055	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	193147	19.018	ug/L	99
30) Cyclohexane	5.380	56	171801	17.306	ug/L	98
31) Carbon tetrachloride	5.515	117	164577	18.841	ug/L	98
33) Benzene	5.766	78	480175	18.396	ug/L	100
34) Trichloroethene	6.534	95	124973	18.192	ug/L	98
35) Methylcyclohexane	6.756	83	184082	17.942	ug/L	98
37) 1,2-Dichloropropane	6.782	63	131831	19.421	ug/L	99
38) Bromodichloromethane	7.097	83	162850	19.909	ug/L	98
39) cis-1,3-Dichloropropene	7.598	75	190268	20.583	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	710828	226.050	ug/L	99
42) Toluene	7.962	91	517009	19.083	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	154206	20.911	ug/L	99

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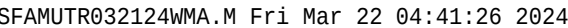
Instrument :
 MSVOA_U
 ClientSampleId :

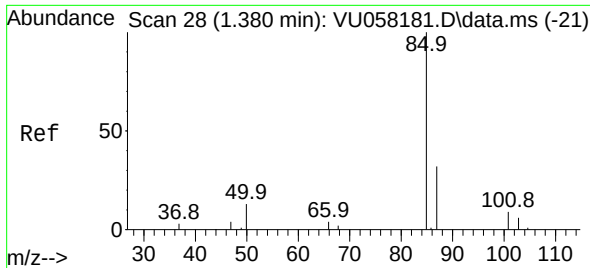
Quant Time: Mar 22 04:41:17 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.389	97	83977	20.660	ug/L	99
47) Tetrachloroethene	8.547	164	86431	18.202	ug/L	99
48) 2-Hexanone	8.676	43	529726	230.340	ug/L	98
49) Dibromochloromethane	8.801	129	103301	21.750	ug/L	98
50) 1,2-Dibromoethane	8.913	107	75672	21.099	ug/L	96
51) Chlorobenzene	9.438	112	329622	19.197	ug/L	99
52) Ethylbenzene	9.563	91	599042	19.712	ug/L	98
53) m,p-Xylene	9.685	106	220248	20.347	ug/L	99
54) o-Xylene	10.093	106	221759	20.350	ug/L	98
55) Styrene	10.106	104	364493	21.466	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	102710	21.427	ug/L	100
59) Bromoform	10.283	173	53105	21.150	ug/L #	96
60) Isopropylbenzene	10.476	105	575329	19.338	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	75650	20.378	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	507702	20.240	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	510261	20.674	ug/L	98
64) 1,3-Dichlorobenzene	11.737	146	262170	19.254	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	253813	19.096	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	241756	20.234	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	16157	22.120	ug/L	95
69) 1,3,5-Trichlorobenzene	13.212	180	197323	20.211	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	163888	22.456	ug/L	99
71) Naphthalene	14.077	128	243214	24.403	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	131847	22.619	ug/L	97

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

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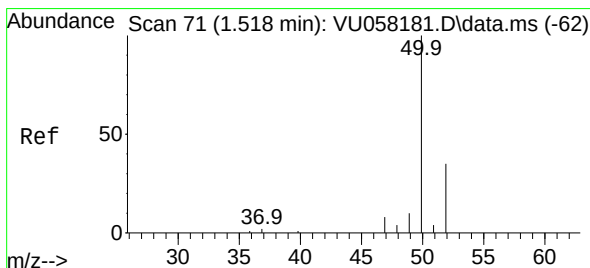
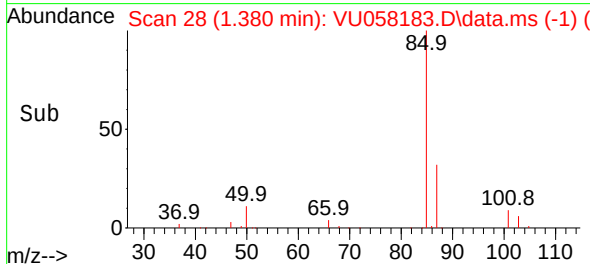
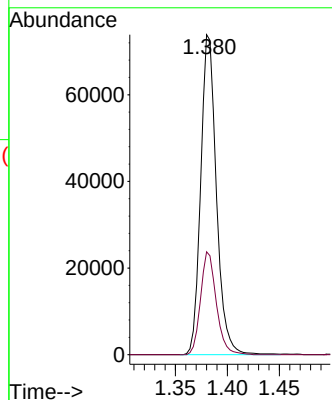
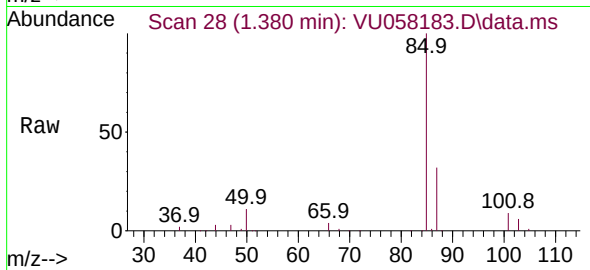




#2
 Dichlorodifluoromethane
 Concen: 15.143 ug/L
 RT: 1.380 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU058183.D
 Acq: 21 Mar 2024 13:46

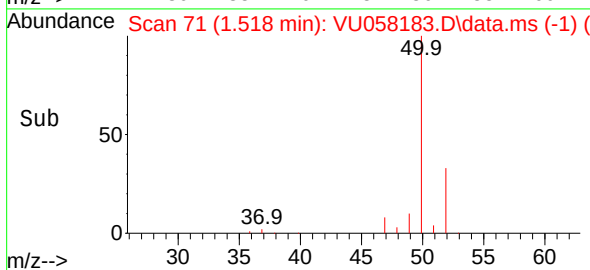
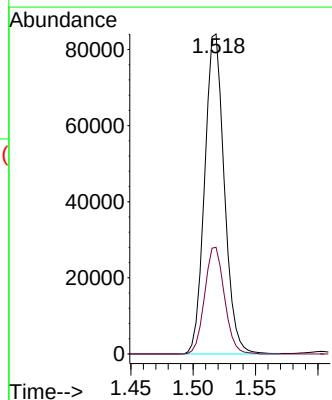
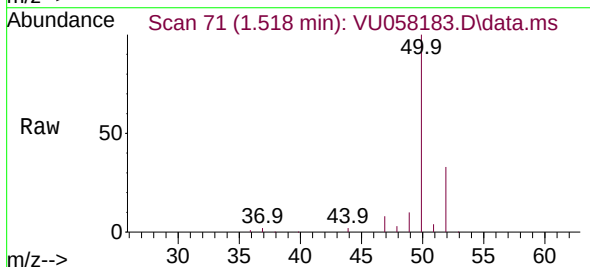
Instrument :
 MSVOA_U
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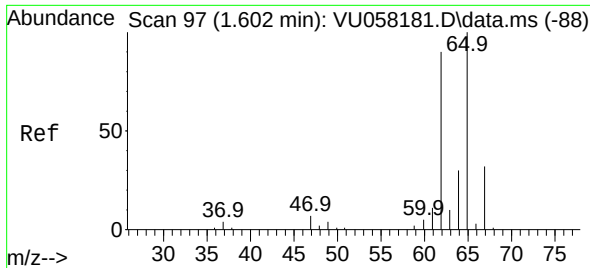
Tgt Ion: 85 Resp: 77863
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.8 38.8



#3
 Chloromethane
 Concen: 15.157 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU058183.D
 Acq: 21 Mar 2024 13:46

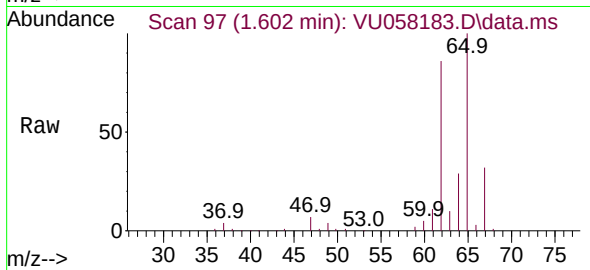
Tgt Ion: 50 Resp: 92363
 Ion Ratio Lower Upper
 50 100
 52 33.4 24.2 45.0



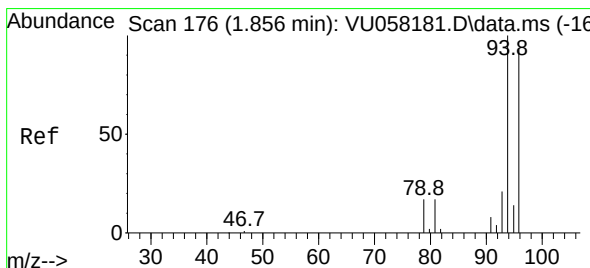
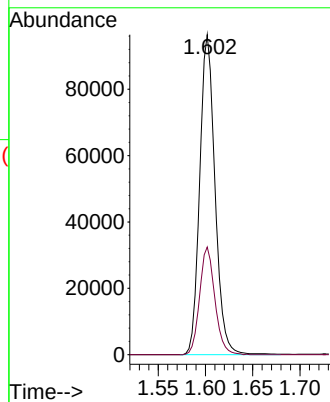
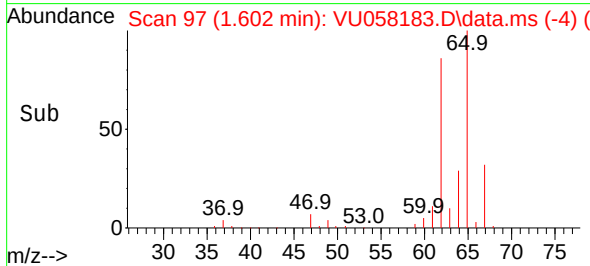


#5
 Vinyl chloride
 Concen: 16.640 ug/L
 RT: 1.602 min Scan# 97
 Delta R.T. -0.000 min
 Lab File: VU058183.D
 Acq: 21 Mar 2024 13:46

Instrument :
 MSVOA_U
 ClientSampleId :

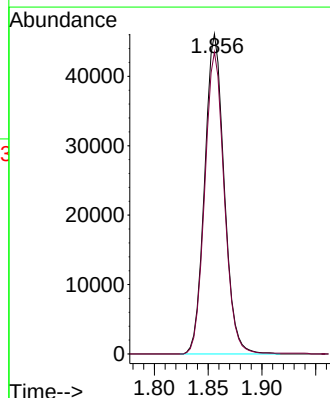
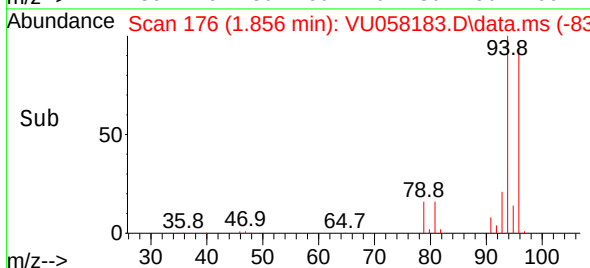
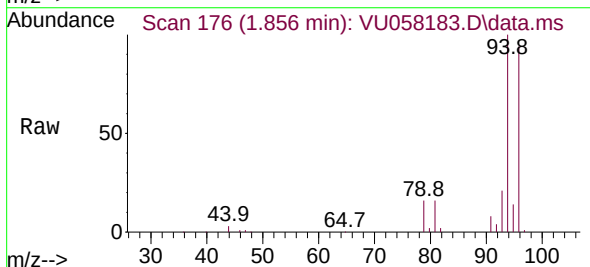


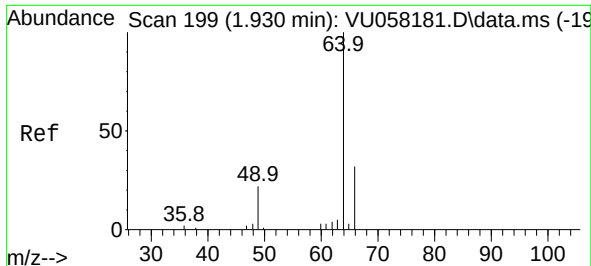
Tgt Ion: 62 Resp: 108361
 Ion Ratio Lower Upper
 62 100
 64 33.7 23.4 43.6



#6
 Bromomethane
 Concen: 16.820 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. -0.000 min
 Lab File: VU058183.D
 Acq: 21 Mar 2024 13:46

Tgt Ion: 94 Resp: 58346
 Ion Ratio Lower Upper
 94 100
 96 94.3 64.8 120.4

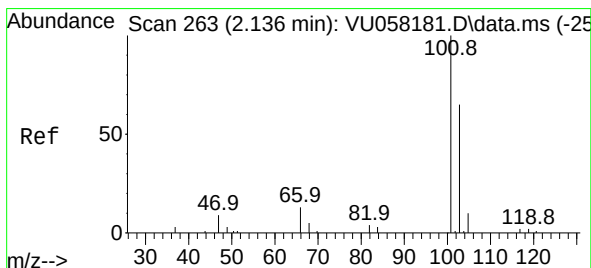
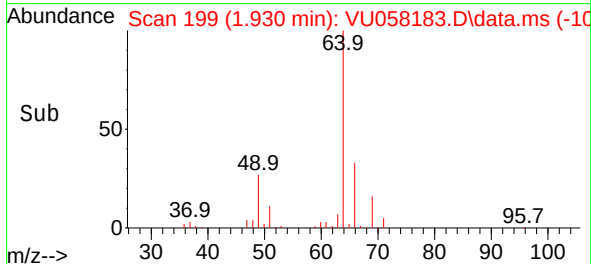
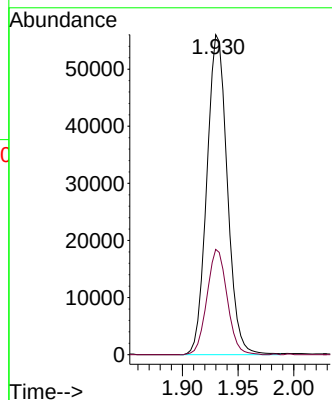
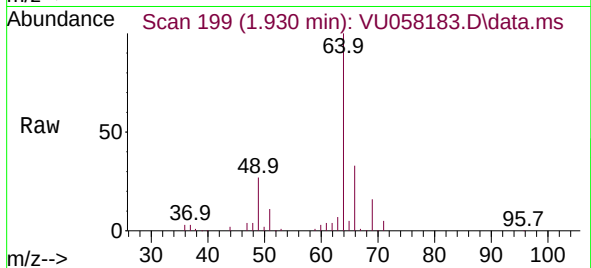




#8
Chloroethane
Concen: 17.224 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU058183.D
Acq: 21 Mar 2024 13:46

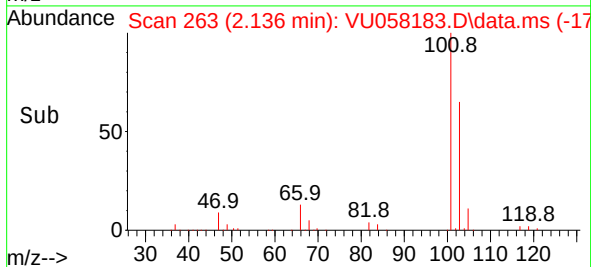
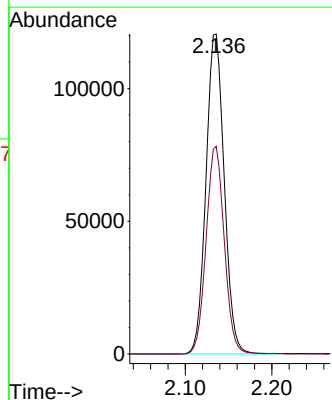
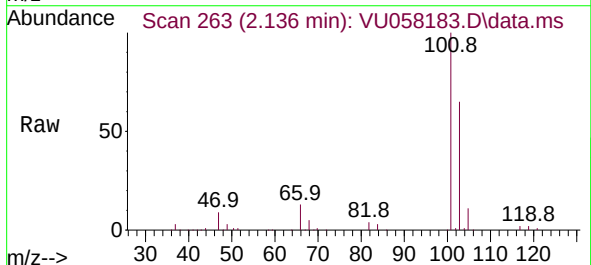
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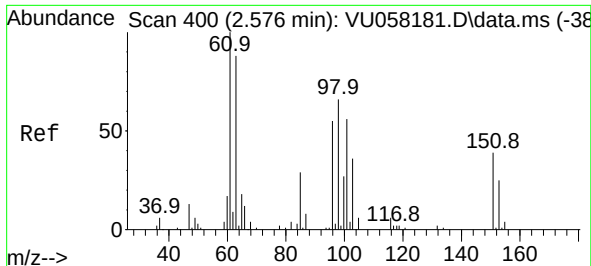
Tgt Ion: 64 Resp: 71697
Ion Ratio Lower Upper
64 100
66 32.9 22.5 41.9



#9
Trichlorofluoromethane
Concen: 18.497 ug/L
RT: 2.136 min Scan# 263
Delta R.T. -0.000 min
Lab File: VU058183.D
Acq: 21 Mar 2024 13:46

Tgt Ion:101 Resp: 176388
Ion Ratio Lower Upper
101 100
103 64.6 52.3 78.5

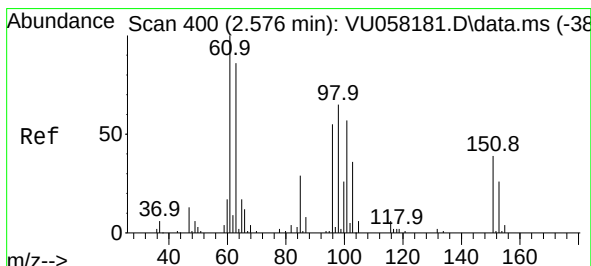
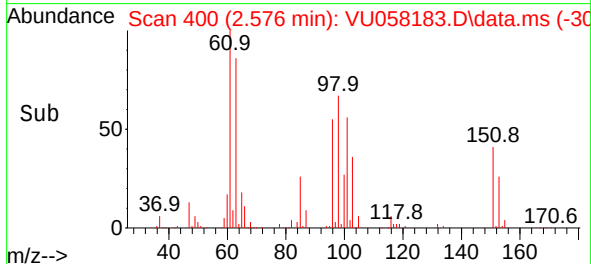
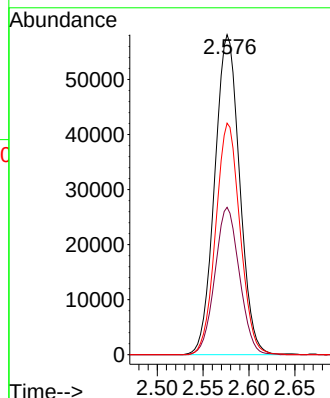
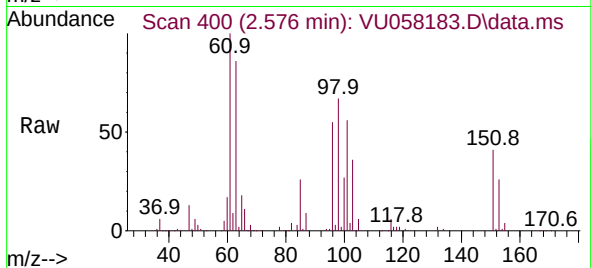




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 18.297 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU058183.D
Acq: 21 Mar 2024 13:46

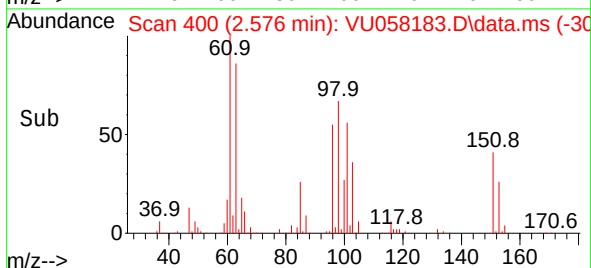
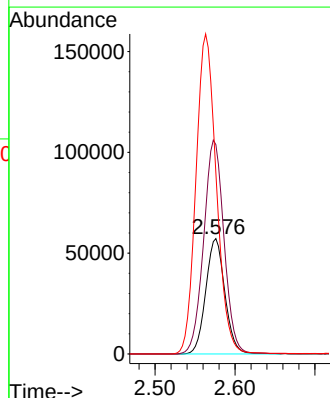
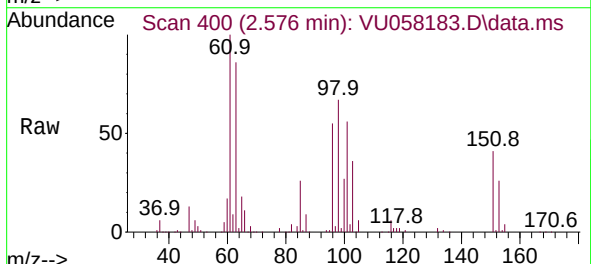
Instrument :
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ClientSampleId :

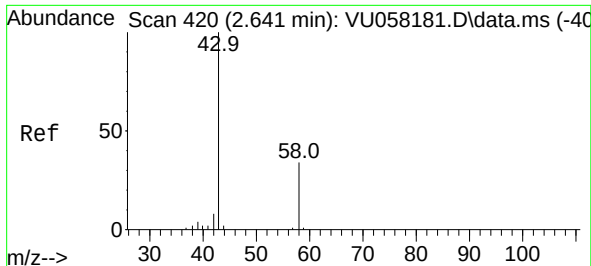
Tgt Ion:101 Resp: 109883
Ion Ratio Lower Upper
101 100
85 45.4 37.9 56.9
151 70.8 55.3 82.9



#12
1,1-Dichloroethene
Concen: 18.153 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU058183.D
Acq: 21 Mar 2024 13:46

Tgt Ion: 96 Resp: 95080
Ion Ratio Lower Upper
96 100
61 181.6 128.1 237.9
63 156.8 116.8 217.0





#13

Acetone

Concen: 233.835 ug/L

RT: 2.640 min Scan# 41

Delta R.T. -0.000 min

Lab File: VU058183.D

Acq: 21 Mar 2024 13:46

Instrument :

MSVOA_U

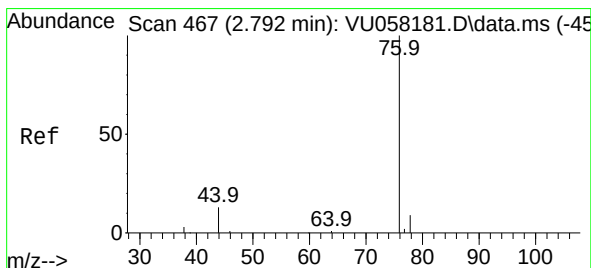
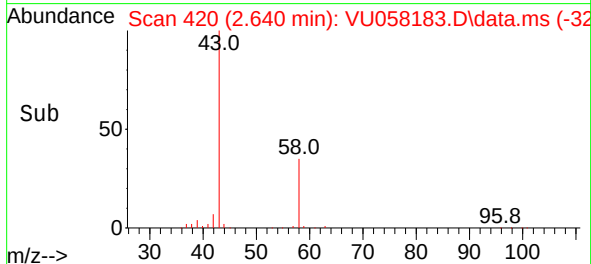
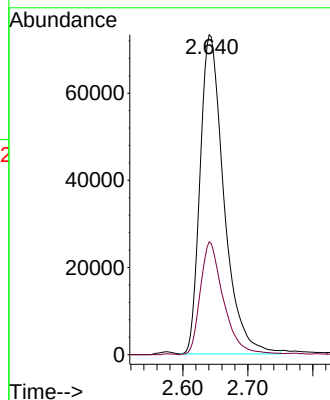
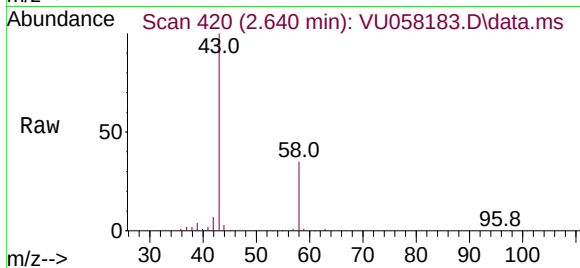
ClientSampleId :

Tgt Ion: 43 Resp: 186896

Ion Ratio Lower Upper

43 100

58 34.5 0.0 64.6



#14

Carbon disulfide

Concen: 13.966 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.003 min

Lab File: VU058183.D

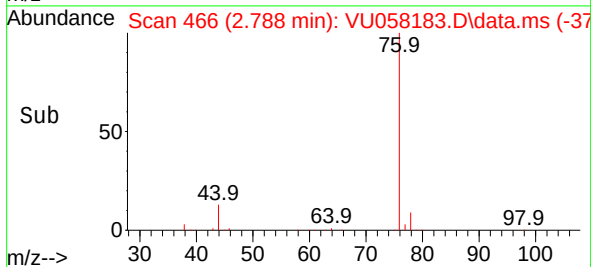
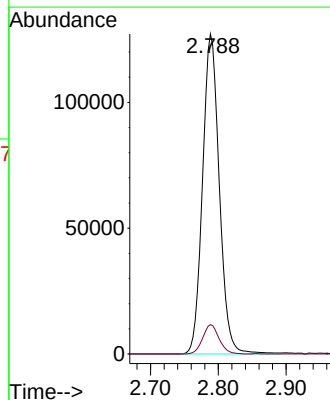
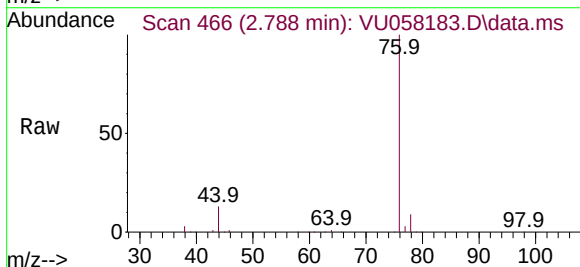
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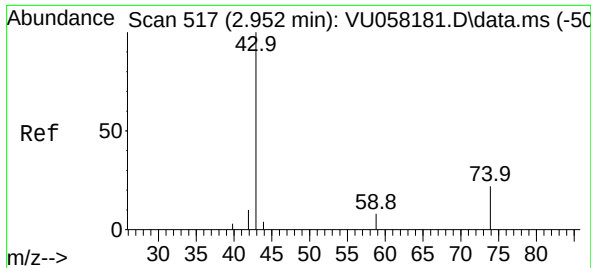
Tgt Ion: 76 Resp: 218390

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8

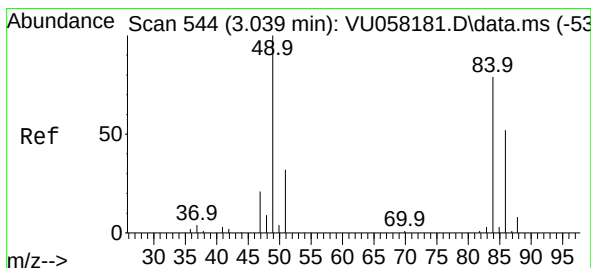
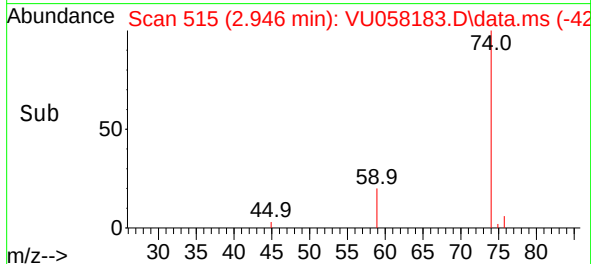
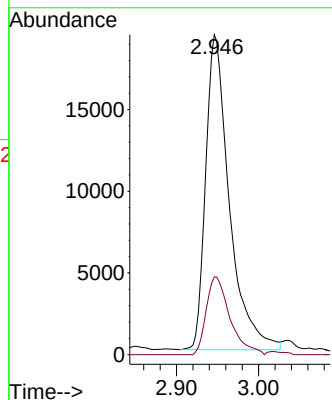
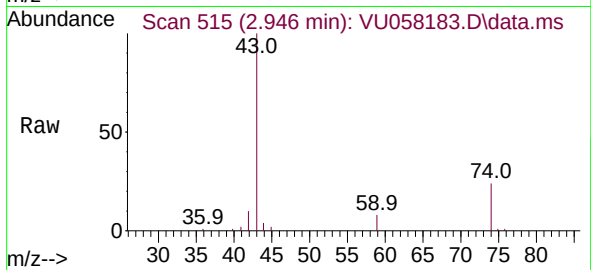




#15
Methyl Acetate
Concen: 21.792 ug/L
RT: 2.946 min Scan# 517
Delta R.T. -0.007 min
Lab File: VU058183.D
Acq: 21 Mar 2024 13:46

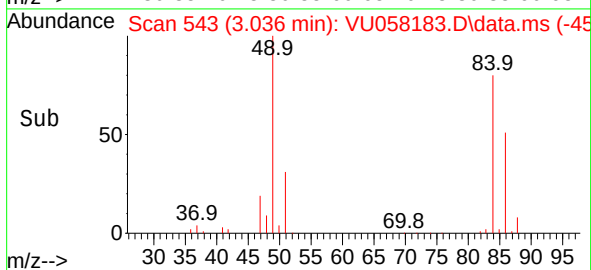
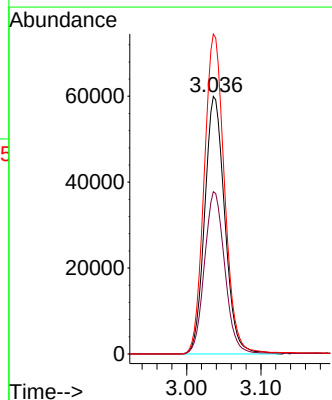
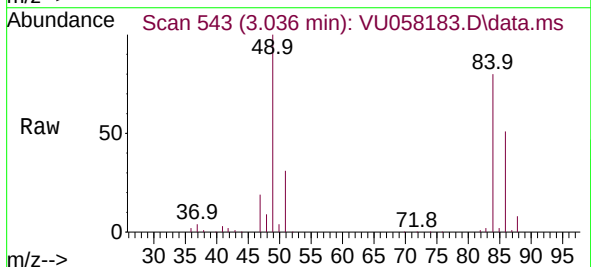
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MSVOA_U
ClientSampleId :

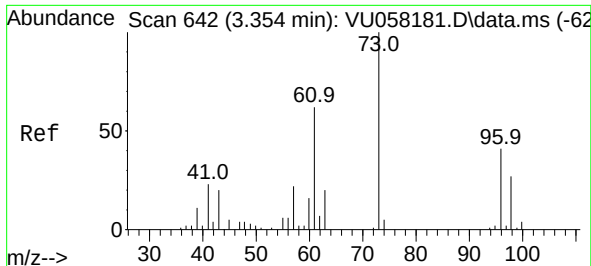
Tgt Ion: 43 Resp: 38682
Ion Ratio Lower Upper
43 100
74 24.6 16.8 25.2



#16
Methylene chloride
Concen: 17.348 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.003 min
Lab File: VU058183.D
Acq: 21 Mar 2024 13:46

Tgt Ion: 84 Resp: 112769
Ion Ratio Lower Upper
84 100
86 63.0 45.6 84.6
49 124.3 88.3 163.9





#17

Methyl tert-butyl Ether

Concen: 20.660 ug/L

RT: 3.351 min Scan# 641

Delta R.T. -0.003 min

Lab File: VU058183.D

Acq: 21 Mar 2024 13:46

Instrument :

MSVOA_U

ClientSampleId :

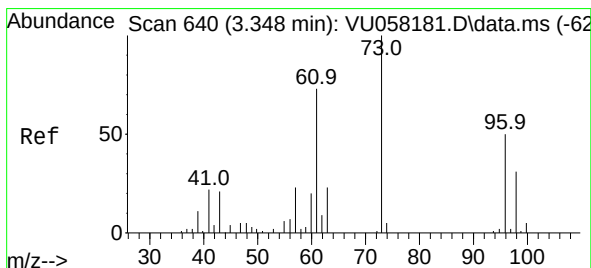
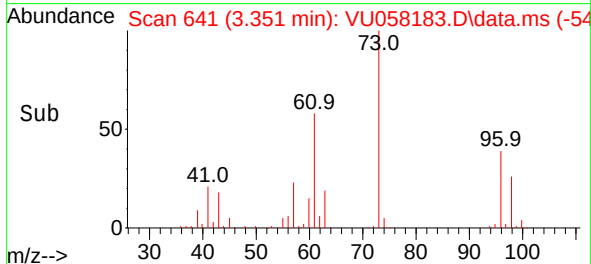
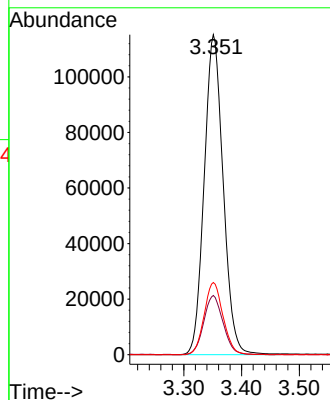
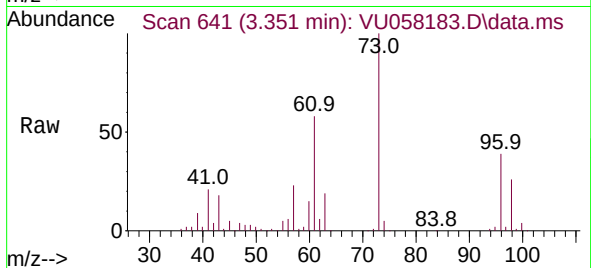
Tgt Ion: 73 Resp: 263123

Ion Ratio Lower Upper

73 100

43 18.9 15.5 23.3

57 22.5 18.0 27.0



#18

trans-1,2-Dichloroethene

Concen: 17.544 ug/L

RT: 3.345 min Scan# 639

Delta R.T. -0.003 min

Lab File: VU058183.D

Acq: 21 Mar 2024 13:46

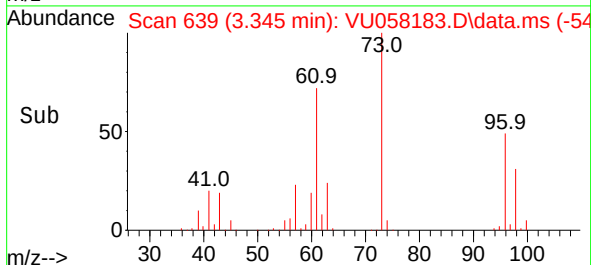
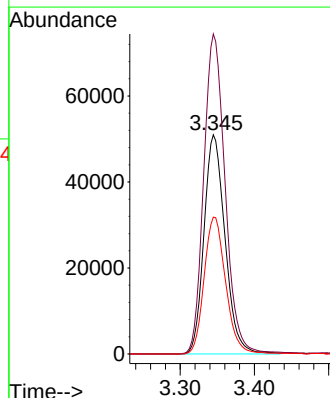
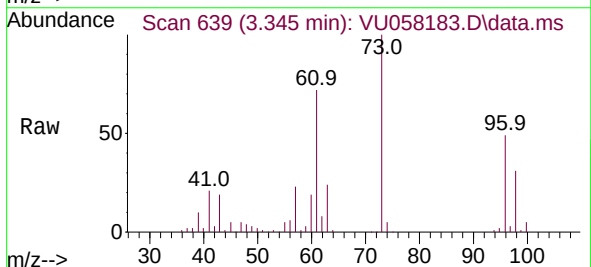
Tgt Ion: 96 Resp: 100455

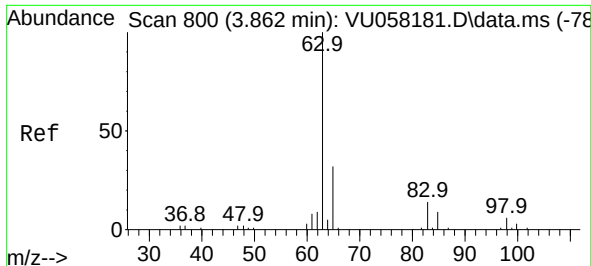
Ion Ratio Lower Upper

96 100

61 146.0 102.5 190.3

98 62.4 44.0 81.8





#19

1,1-Dichloroethane

Concen: 19.197 ug/L

RT: 3.859 min Scan# 70

Delta R.T. -0.003 min

Lab File: VU058183.D

Acq: 21 Mar 2024 13:46

Instrument :

MSVOA_U

ClientSampleId :

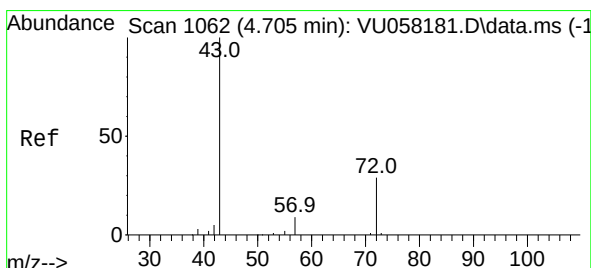
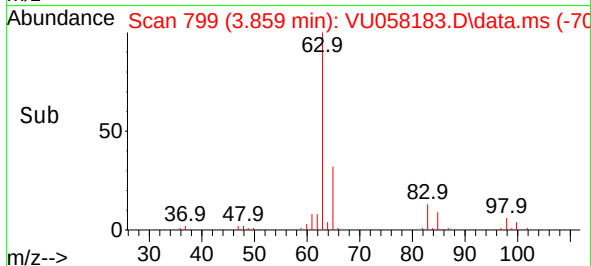
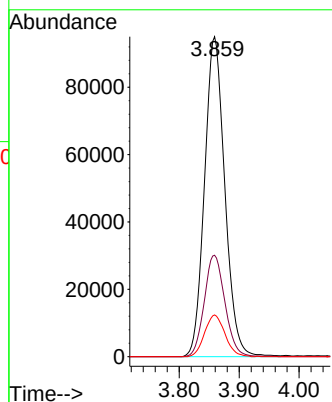
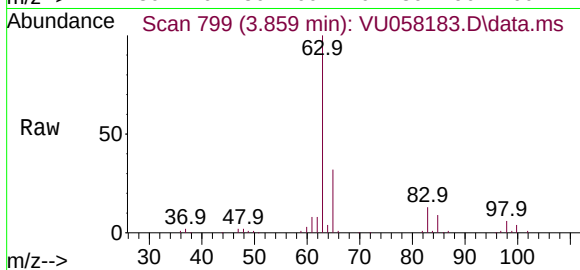
Tgt Ion: 63 Resp: 223790

Ion Ratio Lower Upper

63 100

65 31.7 22.3 41.5

83 13.0 10.0 18.6



#21

2-Butanone

Concen: 234.456 ug/L

RT: 4.698 min Scan# 1060

Delta R.T. -0.007 min

Lab File: VU058183.D

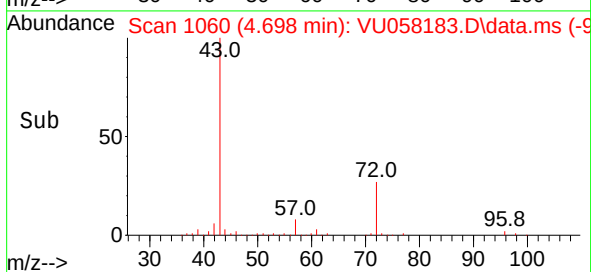
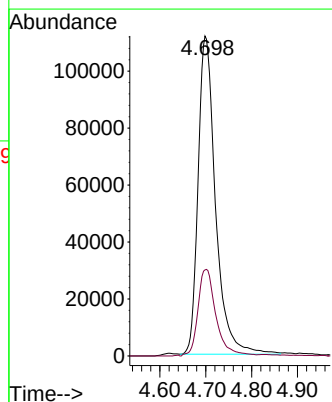
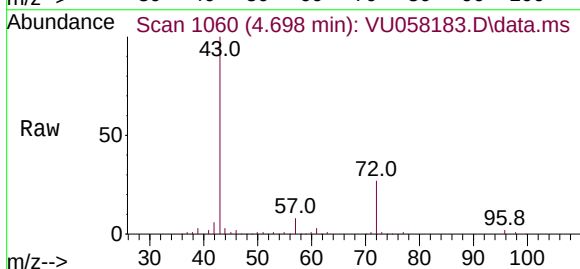
Acq: 21 Mar 2024 13:46

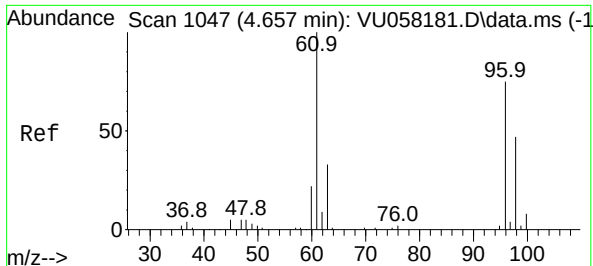
Tgt Ion: 43 Resp: 295495

Ion Ratio Lower Upper

43 100

72 28.0 14.0 41.9





#22

cis-1,2-Dichloroethene

Concen: 19.409 ug/L

RT: 4.656 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU058183.D

Acq: 21 Mar 2024 13:46

Instrument :

MSVOA_U

ClientSampleId :

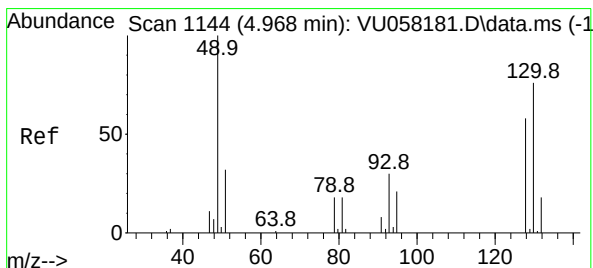
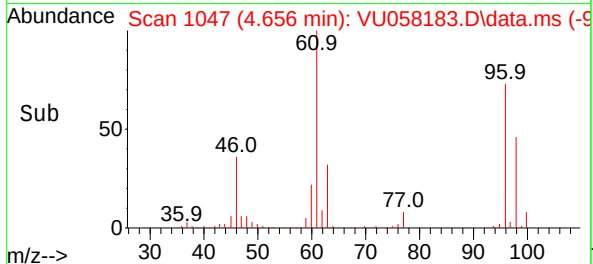
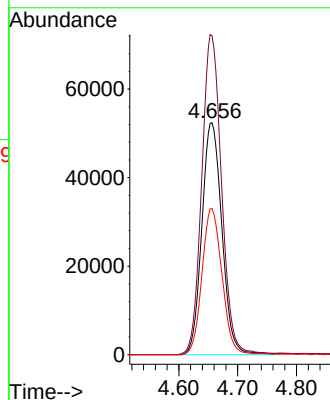
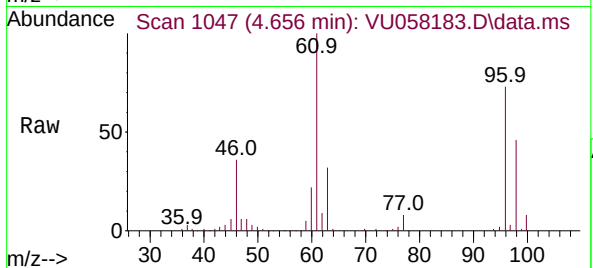
Tgt Ion: 96 Resp: 124469

Ion Ratio Lower Upper

96 100

61 137.4 92.8 172.4

98 63.0 43.2 80.2



#23

Bromochloromethane

Concen: 20.711 ug/L

RT: 4.965 min Scan# 1143

Delta R.T. -0.003 min

Lab File: VU058183.D

Acq: 21 Mar 2024 13:46

Tgt Ion:128 Resp: 49530

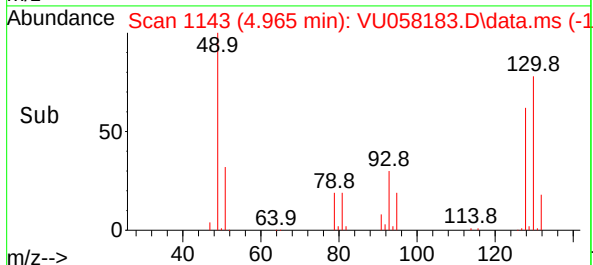
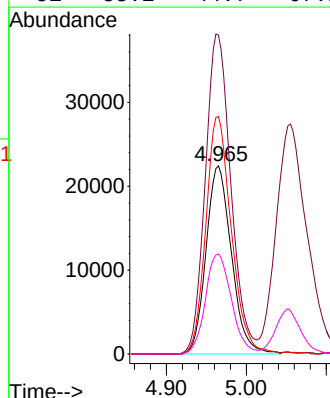
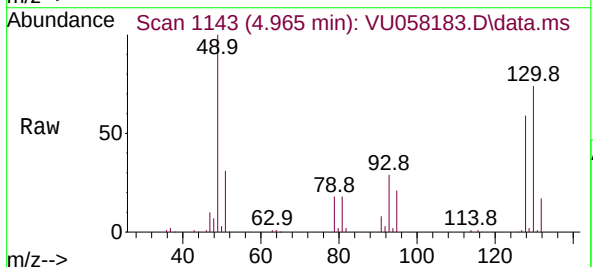
Ion Ratio Lower Upper

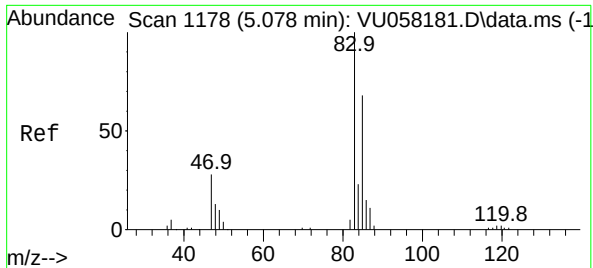
128 100

49 169.5 125.0 232.2

130 126.2 92.3 171.5

51 53.2 44.7 67.1





#25

Chloroform

Concen: 19.531 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU058183.D

Acq: 21 Mar 2024 13:46

Instrument :

MSVOA_U

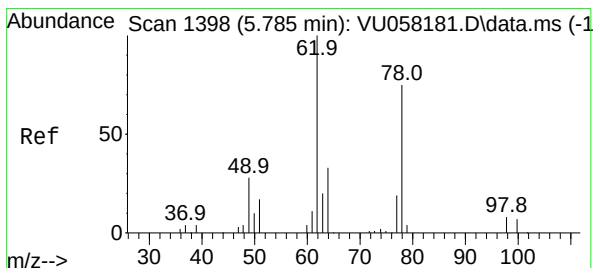
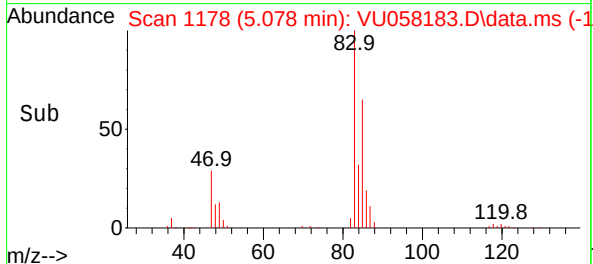
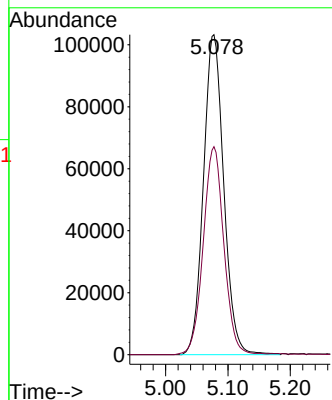
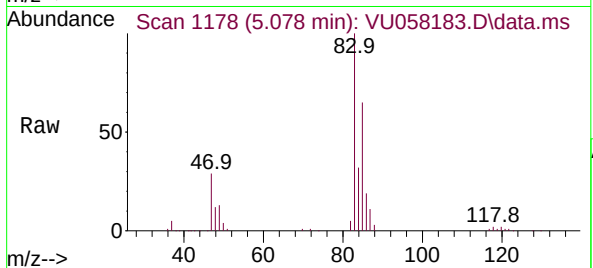
ClientSampleId :

Tgt Ion: 83 Resp: 233846

Ion Ratio Lower Upper

83 100

85 65.0 47.9 88.9



#27

1,2-Dichloroethane

Concen: 20.055 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VU058183.D

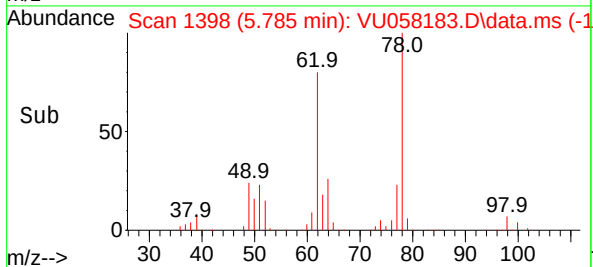
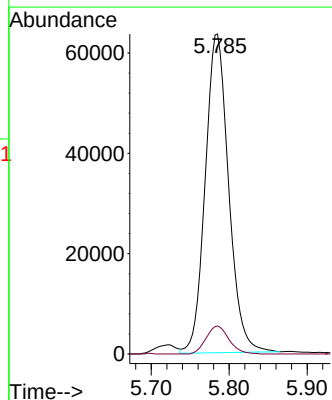
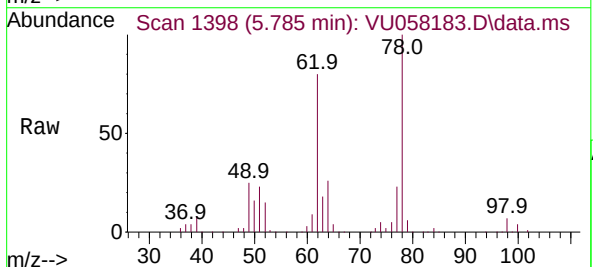
Acq: 21 Mar 2024 13:46

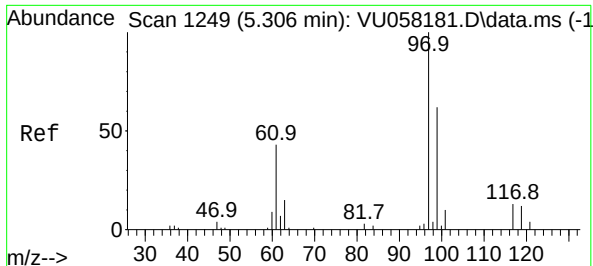
Tgt Ion: 62 Resp: 132806

Ion Ratio Lower Upper

62 100

98 8.7 6.6 10.0

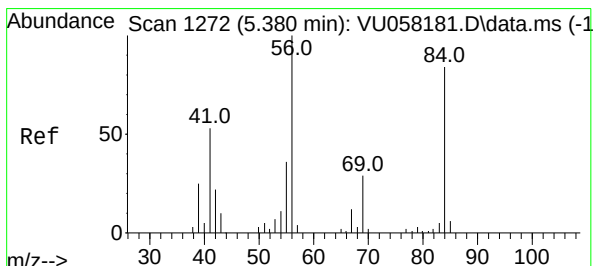
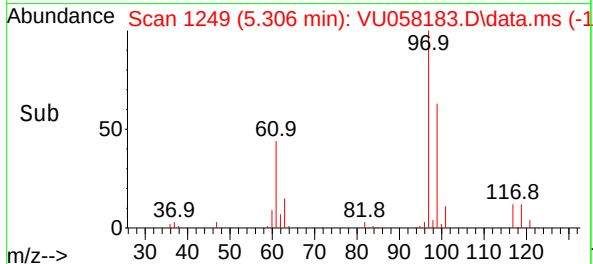
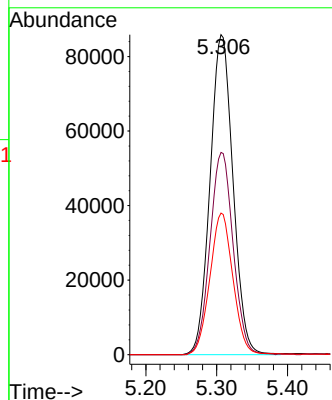
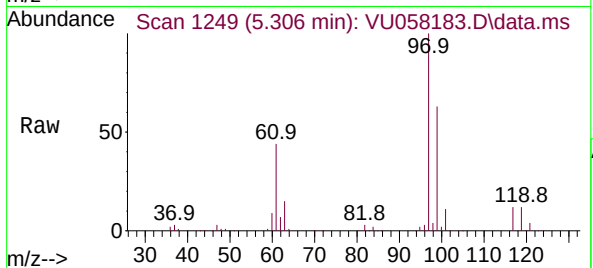




#29
1,1,1-Trichloroethane
Concen: 19.018 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU058183.D
Acq: 21 Mar 2024 13:46

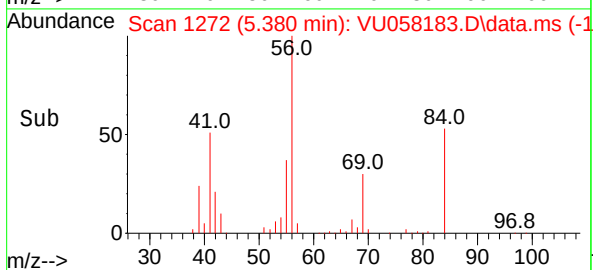
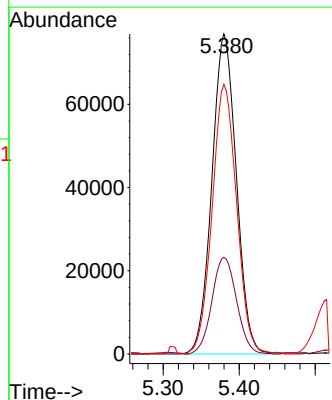
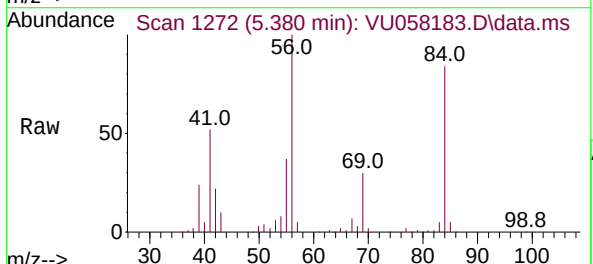
Instrument :
MSVOA_U
ClientSampleId :

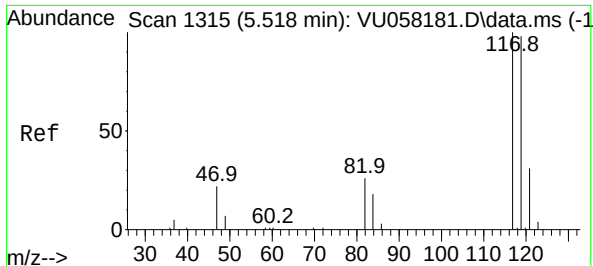
Tgt Ion: 97 Resp: 193147
Ion Ratio Lower Upper
97 100
99 63.9 50.5 75.7
61 44.6 36.3 54.5



#30
Cyclohexane
Concen: 17.306 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU058183.D
Acq: 21 Mar 2024 13:46

Tgt Ion: 56 Resp: 171801
Ion Ratio Lower Upper
56 100
69 30.5 24.2 36.2
84 84.6 69.7 104.5

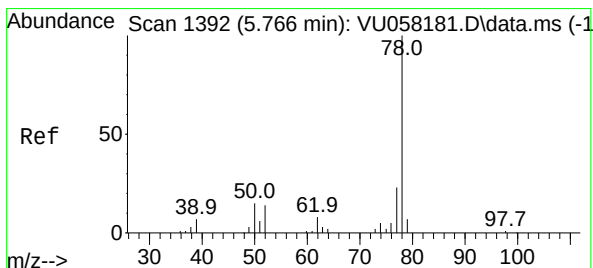
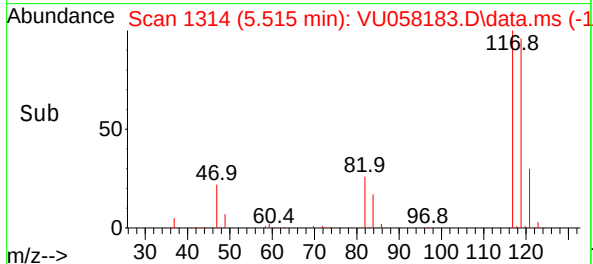
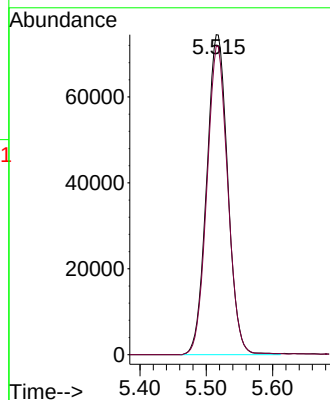
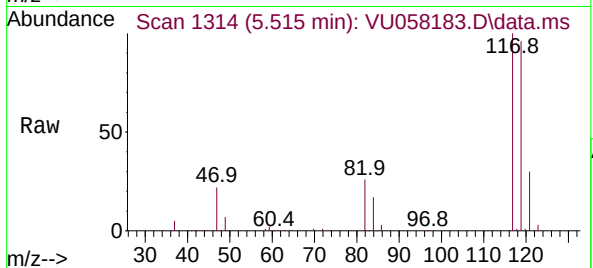




#31
Carbon tetrachloride
Concen: 18.841 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.003 min
Lab File: VU058183.D
Acq: 21 Mar 2024 13:46

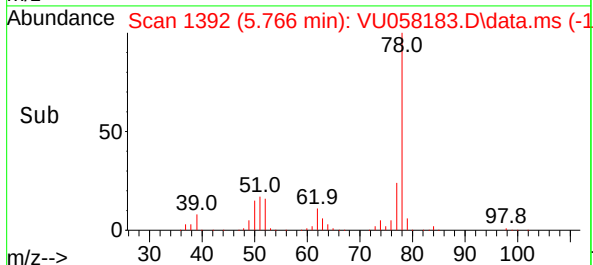
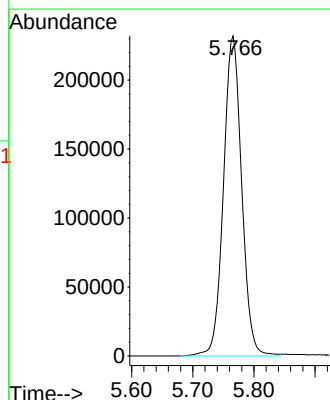
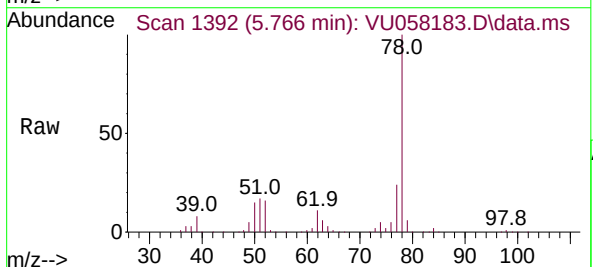
Instrument :
MSVOA_U
ClientSampleId :

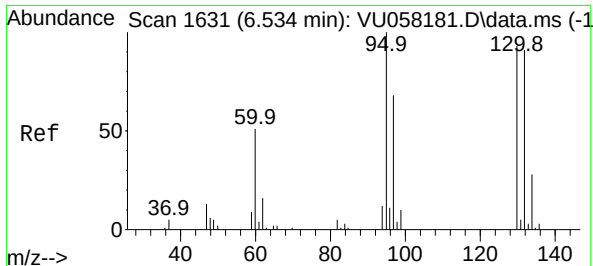
Tgt Ion:117 Resp: 164577
Ion Ratio Lower Upper
117 100
119 95.3 78.1 117.1



#33
Benzene
Concen: 18.396 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU058183.D
Acq: 21 Mar 2024 13:46

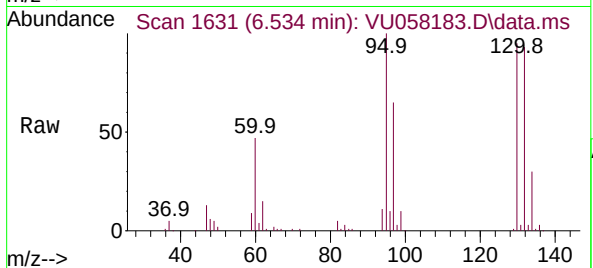
Tgt Ion: 78 Resp: 480175





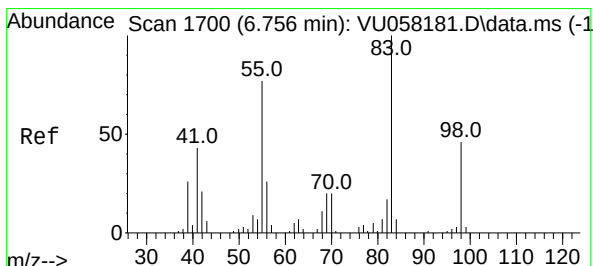
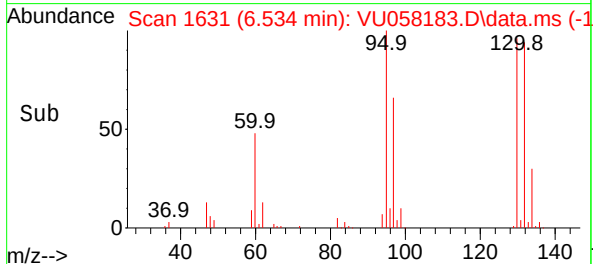
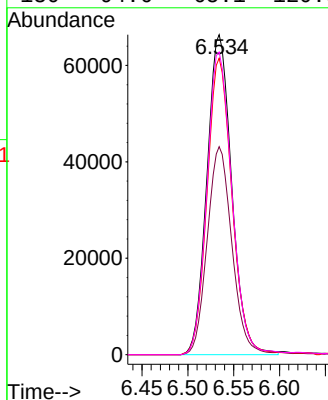
#34
Trichloroethene
Concen: 18.192 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU058183.D
Acq: 21 Mar 2024 13:46

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 124973

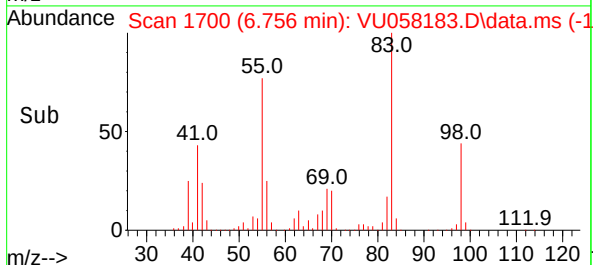
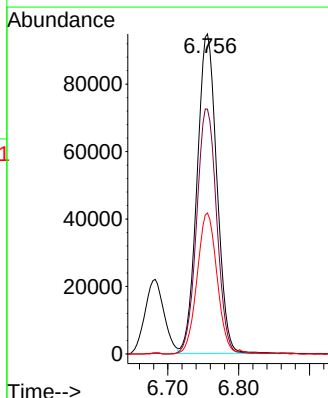
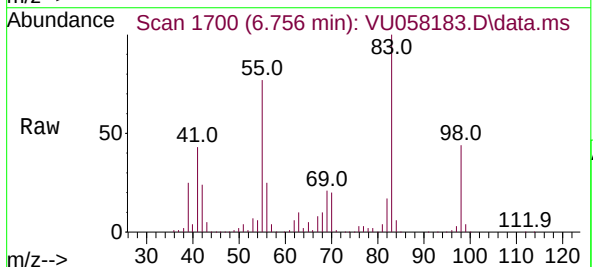
Ion	Ratio	Lower	Upper
95	100		
97	65.0	47.7	88.7
132	92.7	63.6	118.2
130	94.6	65.1	120.9

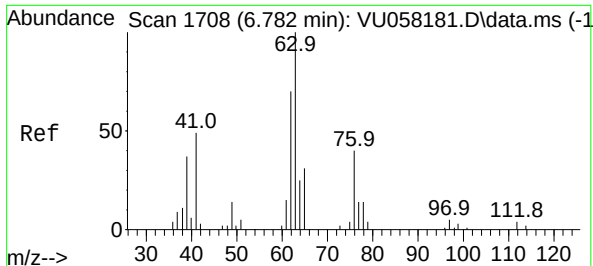


#35
Methylcyclohexane
Concen: 17.942 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU058183.D
Acq: 21 Mar 2024 13:46

Tgt Ion: 83 Resp: 184082

Ion	Ratio	Lower	Upper
83	100		
55	77.8	62.7	94.1
98	44.3	37.3	55.9

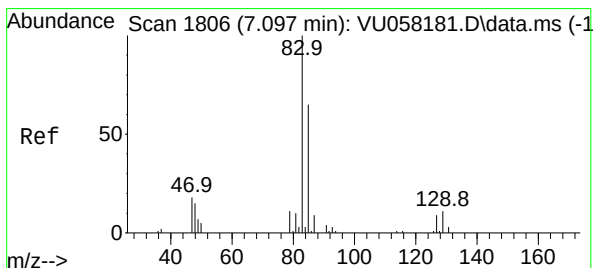
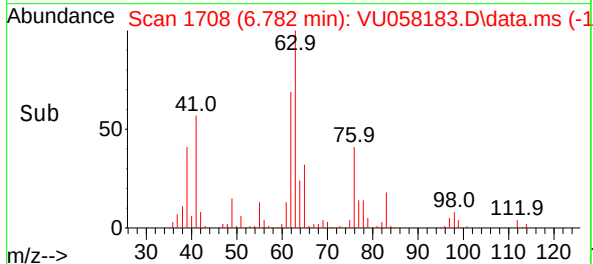
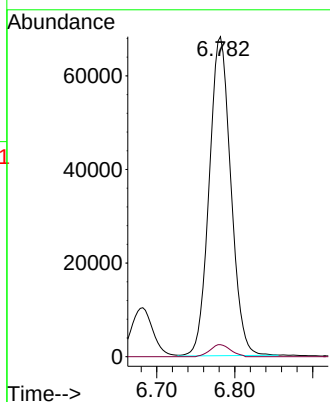
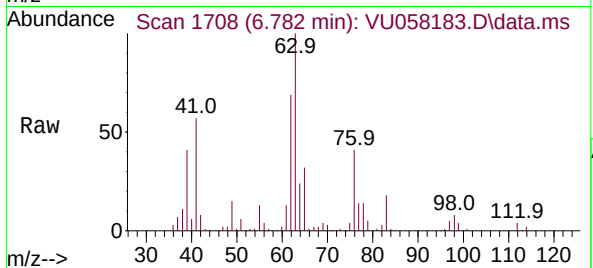




#37
1,2-Dichloropropane
Concen: 19.421 ug/L
RT: 6.782 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU058183.D
Acq: 21 Mar 2024 13:46

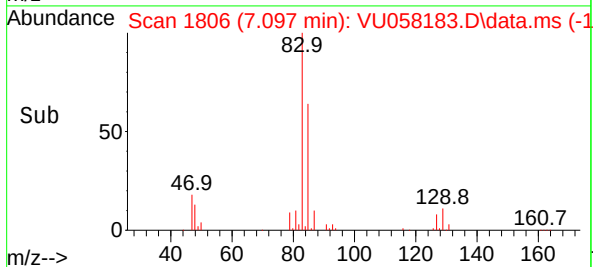
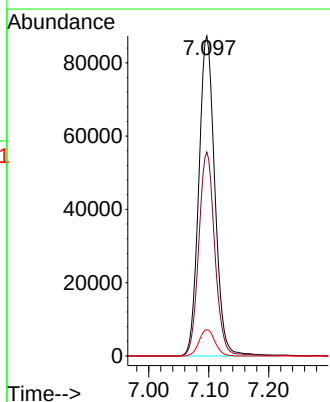
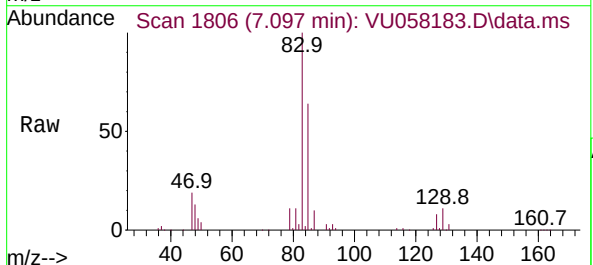
Instrument :
MSVOA_U
ClientSampleId :

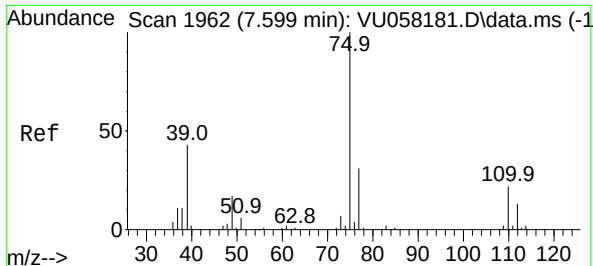
Tgt Ion: 63 Resp: 131831
Ion Ratio Lower Upper
63 100
112 3.6 2.7 4.1



#38
Bromodichloromethane
Concen: 19.909 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU058183.D
Acq: 21 Mar 2024 13:46

Tgt Ion: 83 Resp: 162850
Ion Ratio Lower Upper
83 100
85 63.7 45.6 84.8
127 8.2 7.1 10.7

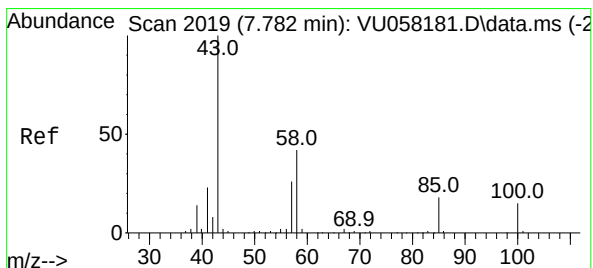
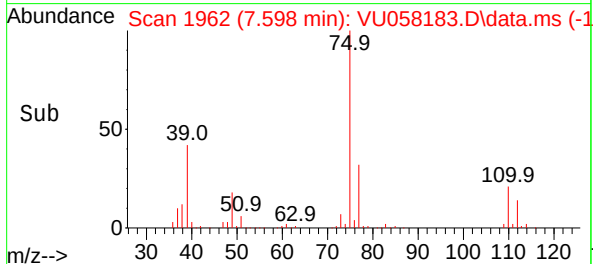
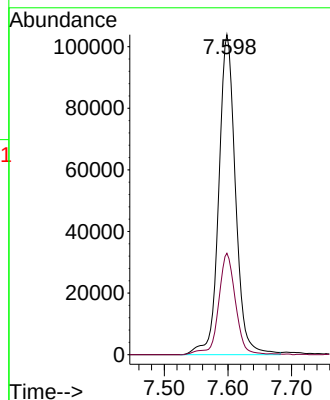
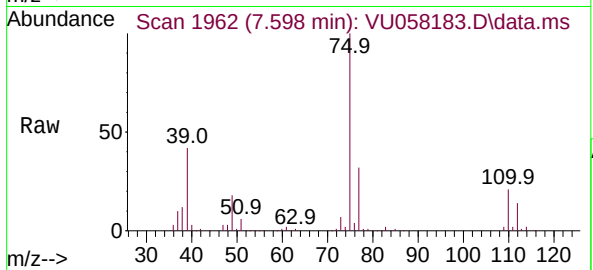




#39
 cis-1,3-Dichloropropene
 Concen: 20.583 ug/L
 RT: 7.598 min Scan# 1962
 Delta R.T. -0.000 min
 Lab File: VU058183.D
 Acq: 21 Mar 2024 13:46

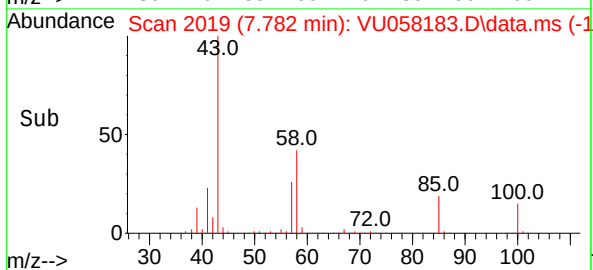
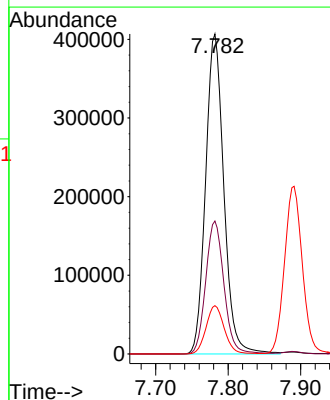
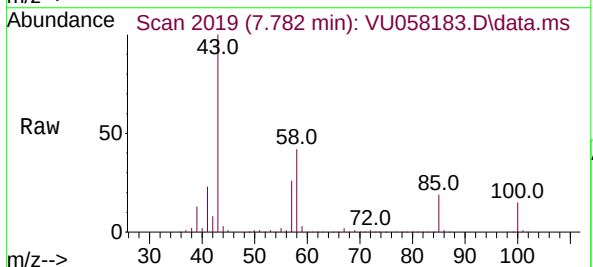
Instrument :
 MSVOA_U
 ClientSampleId :

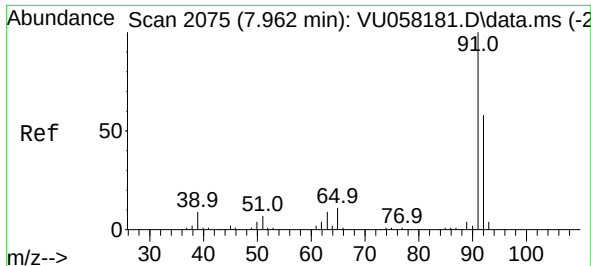
Tgt Ion: 75 Resp: 190268
 Ion Ratio Lower Upper
 75 100
 77 31.7 21.4 39.8



#40
 4-Methyl-2-pentanone
 Concen: 226.050 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VU058183.D
 Acq: 21 Mar 2024 13:46

Tgt Ion: 43 Resp: 710828
 Ion Ratio Lower Upper
 43 100
 58 41.6 33.2 49.8
 100 15.1 11.5 17.3





#42

Toluene

Concen: 19.083 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU058183.D

Acq: 21 Mar 2024 13:46

Instrument :

MSVOA_U

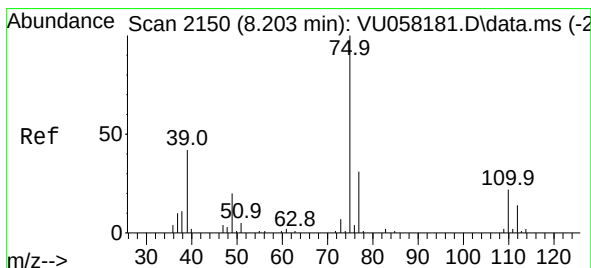
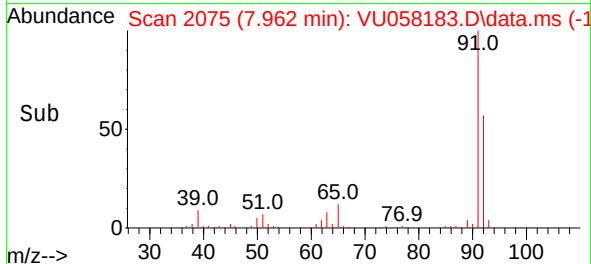
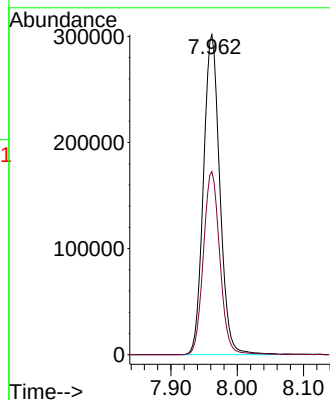
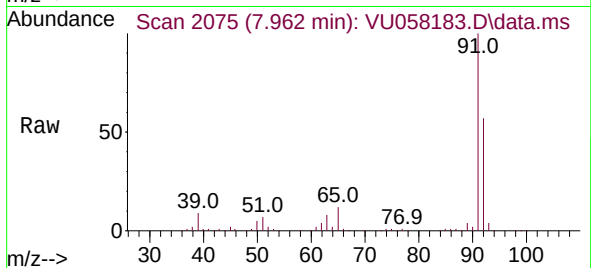
ClientSampleId :

Tgt Ion: 91 Resp: 517009

Ion Ratio Lower Upper

91 100

92 57.2 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 20.911 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU058183.D

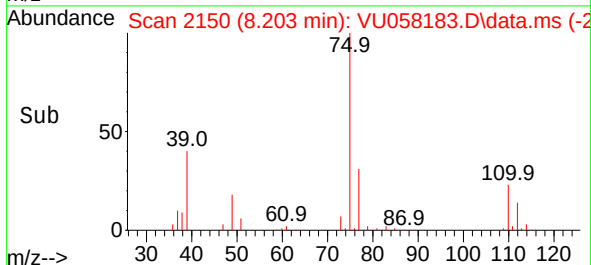
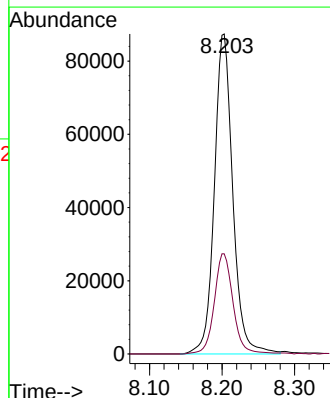
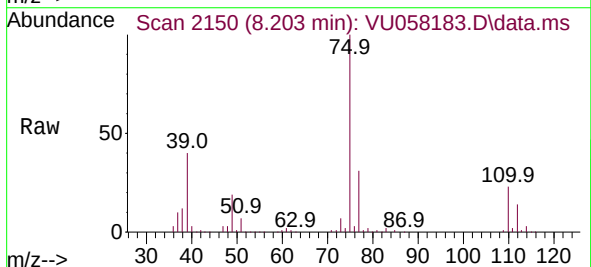
Acq: 21 Mar 2024 13:46

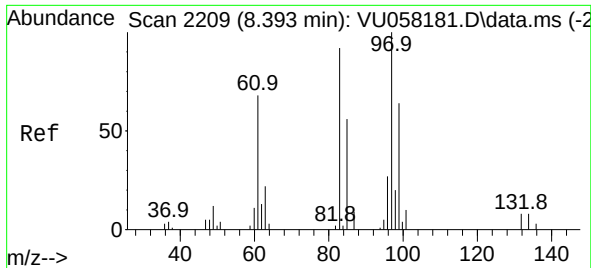
Tgt Ion: 75 Resp: 154206

Ion Ratio Lower Upper

75 100

77 31.3 21.7 40.3





#45

1,1,2-Trichloroethane

Concen: 20.660 ug/L

RT: 8.389 min Scan# 2208

Delta R.T. -0.003 min

Lab File: VU058183.D

Acq: 21 Mar 2024 13:46

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 83977

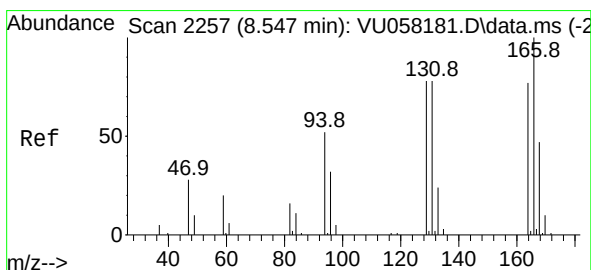
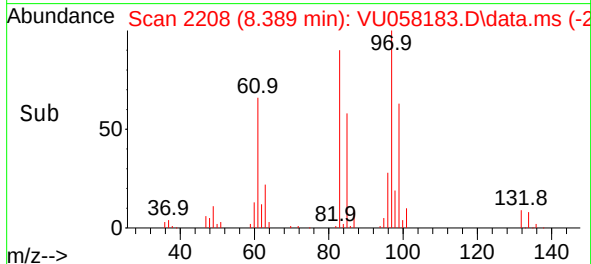
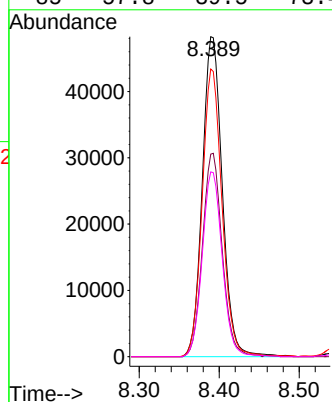
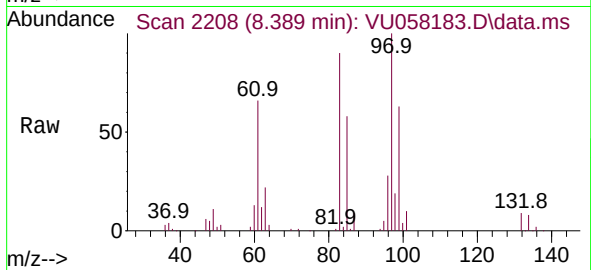
Ion Ratio Lower Upper

97 100

99 63.3 44.5 82.7

83 89.9 64.1 119.1

85 57.8 39.5 73.4



#47

Tetrachloroethene

Concen: 18.202 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

Lab File: VU058183.D

Acq: 21 Mar 2024 13:46

Tgt Ion:164 Resp: 86431

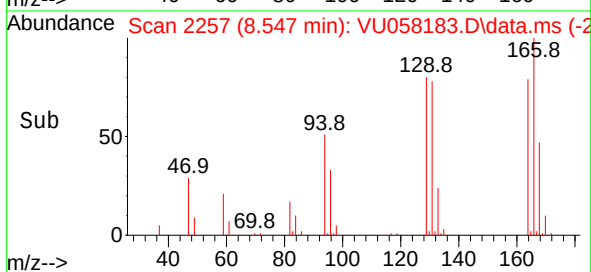
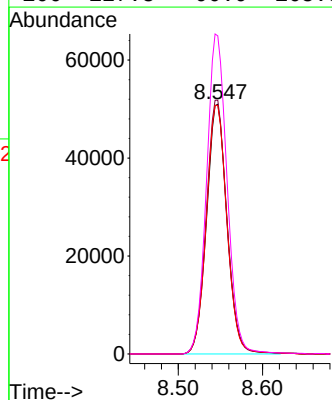
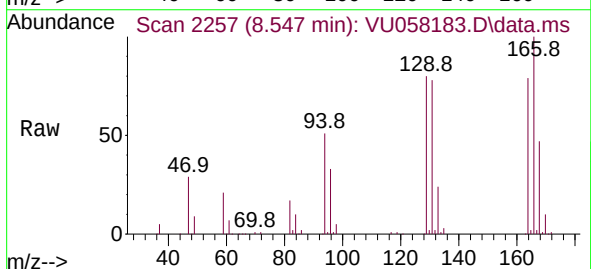
Ion Ratio Lower Upper

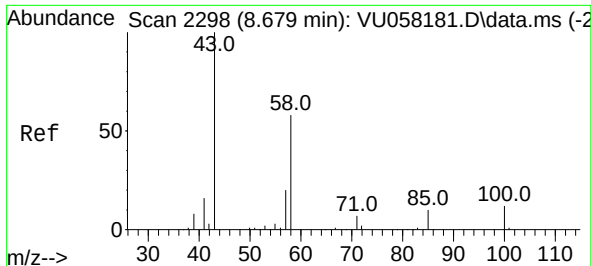
164 100

129 101.6 71.3 132.3

131 99.5 70.8 131.4

166 127.3 90.9 168.9



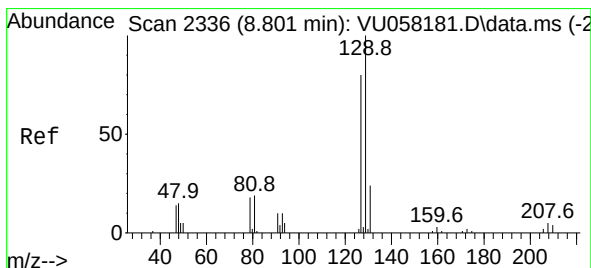
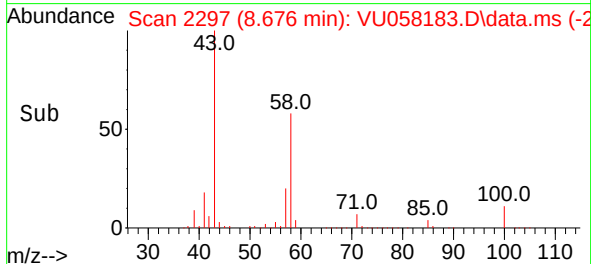
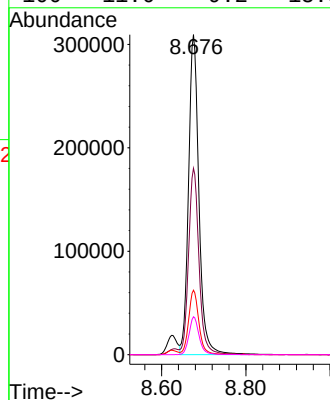
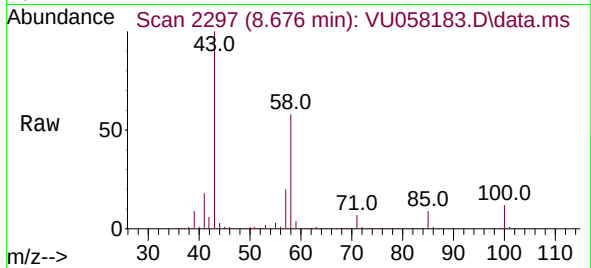


#48
2-Hexanone
Concen: 230.340 ug/L
RT: 8.676 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU058183.D
Acq: 21 Mar 2024 13:46

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 529726

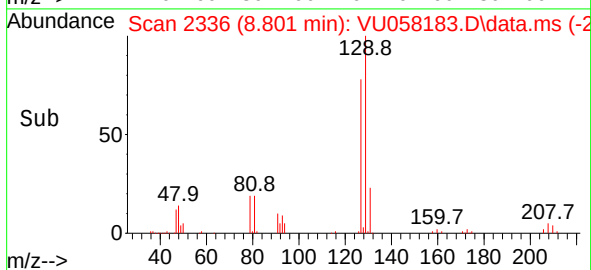
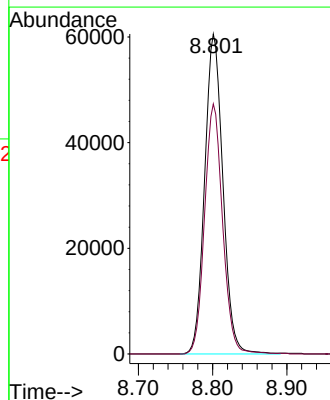
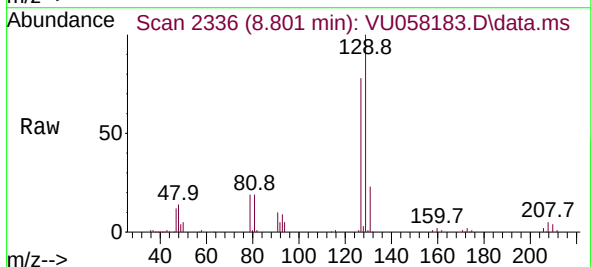
Ion	Ratio	Lower	Upper
43	100		
58	58.1	48.3	72.5
57	19.9	16.3	24.5
100	11.6	9.2	13.8

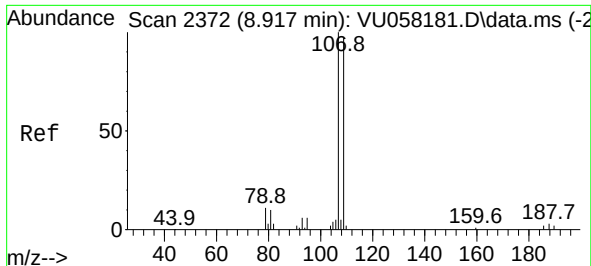


#49
Dibromochloromethane
Concen: 21.750 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU058183.D
Acq: 21 Mar 2024 13:46

Tgt Ion: 129 Resp: 103301

Ion	Ratio	Lower	Upper
129	100		
127	78.1	55.7	103.5

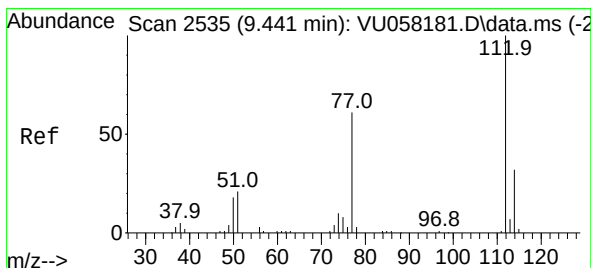
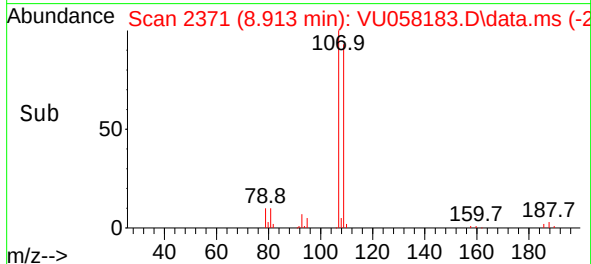
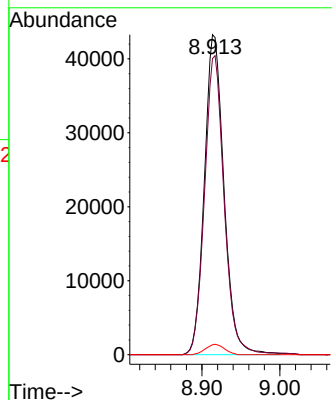
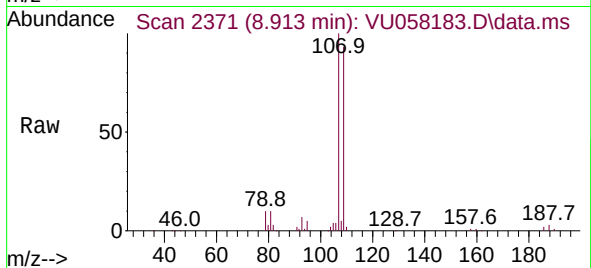




#50
1,2-Dibromoethane
Concen: 21.099 ug/L
RT: 8.913 min Scan# 2372
Delta R.T. -0.003 min
Lab File: VU058183.D
Acq: 21 Mar 2024 13:46

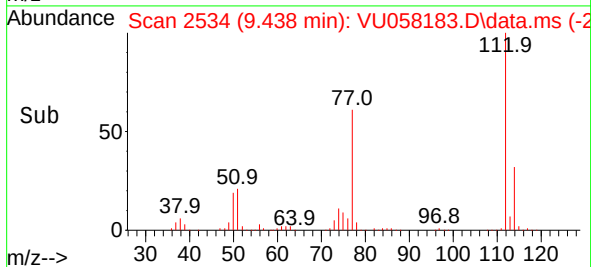
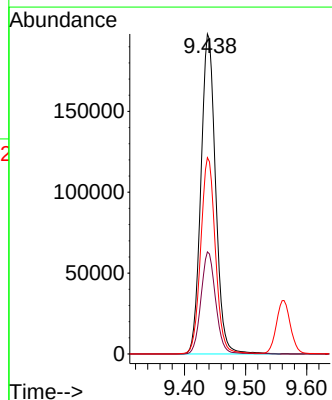
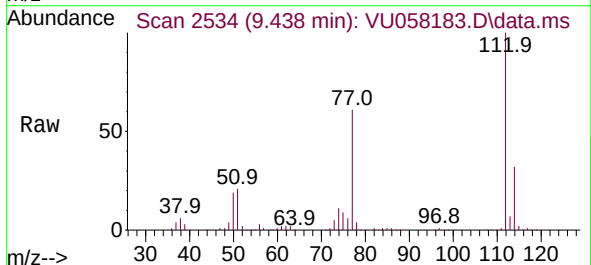
Instrument :
MSVOA_U
ClientSampleId :

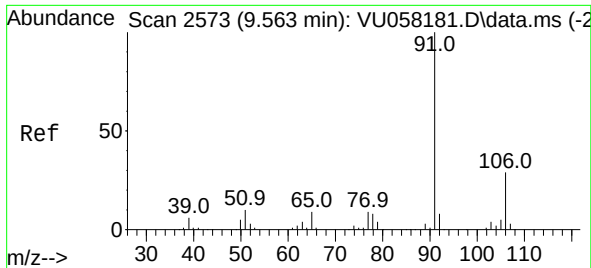
Tgt Ion:107 Resp: 75672
Ion Ratio Lower Upper
107 100
109 92.5 67.8 125.8
188 3.1 2.5 3.7



#51
Chlorobenzene
Concen: 19.197 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. -0.003 min
Lab File: VU058183.D
Acq: 21 Mar 2024 13:46

Tgt Ion:112 Resp: 329622
Ion Ratio Lower Upper
112 100
114 31.9 22.7 42.3
77 61.4 48.9 73.3





#52

Ethylbenzene

Concen: 19.712 ug/L

RT: 9.563 min Scan# 2573

Delta R.T. -0.000 min

Lab File: VU058183.D

Acq: 21 Mar 2024 13:46

Instrument :

MSVOA_U

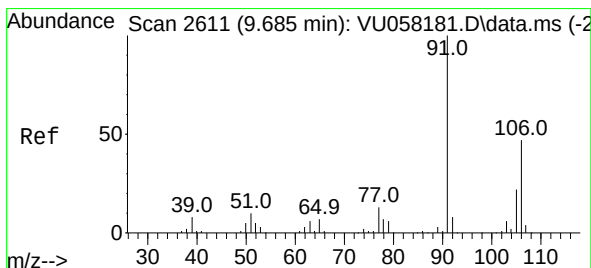
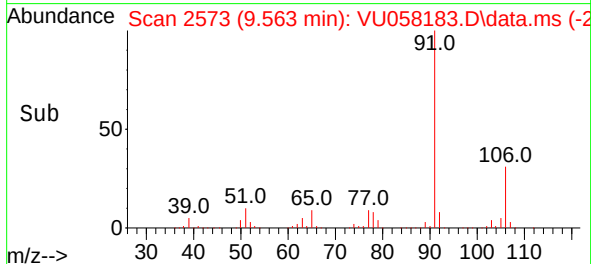
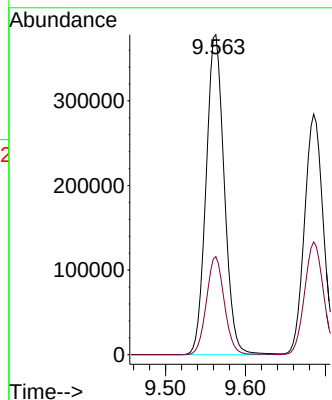
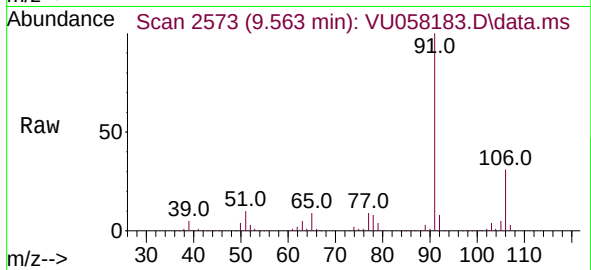
ClientSampleId :

Tgt Ion: 91 Resp: 599042

Ion Ratio Lower Upper

91 100

106 30.7 20.6 38.2



#53

m,p-Xylene

Concen: 20.347 ug/L

RT: 9.685 min Scan# 2611

Delta R.T. -0.000 min

Lab File: VU058183.D

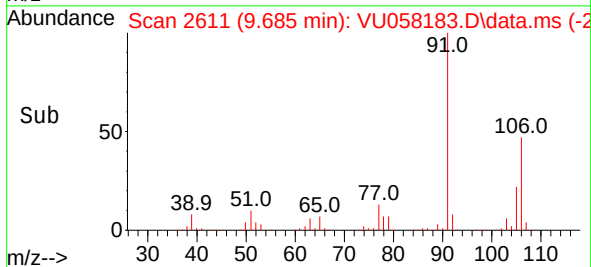
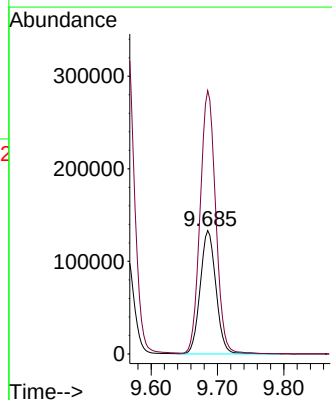
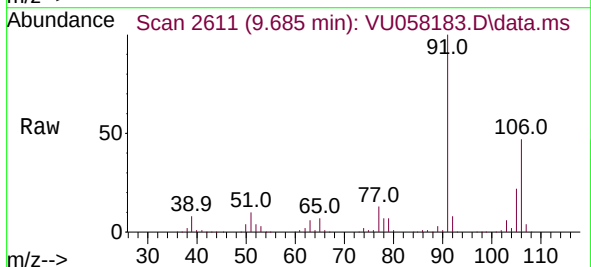
Acq: 21 Mar 2024 13:46

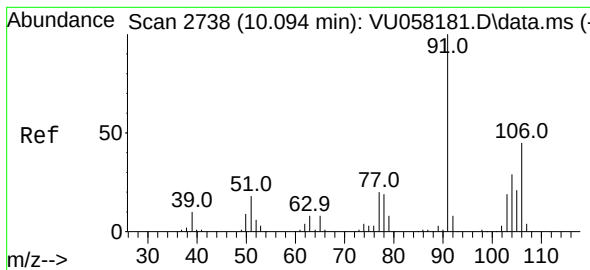
Tgt Ion:106 Resp: 220248

Ion Ratio Lower Upper

106 100

91 213.3 151.0 280.4





#54

o-Xylene

Concen: 20.350 ug/L

RT: 10.093 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU058183.D

Acq: 21 Mar 2024 13:46

Instrument :

MSVOA_U

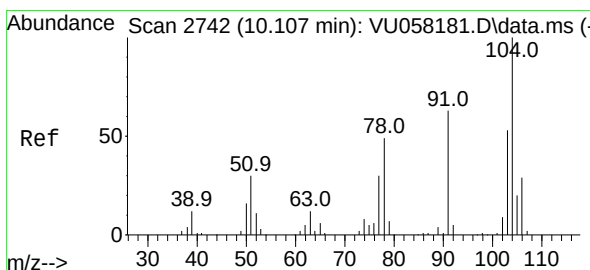
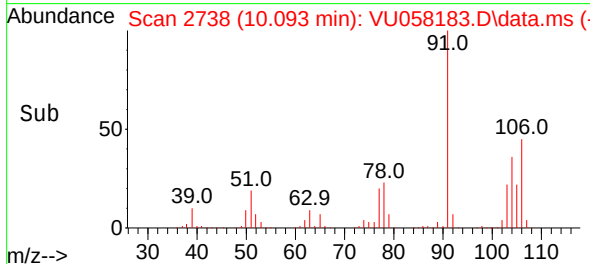
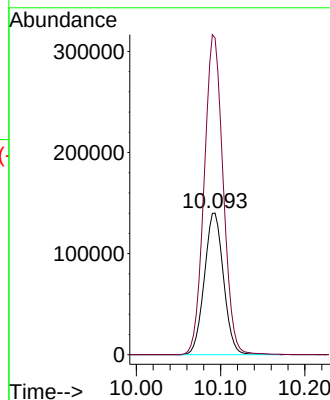
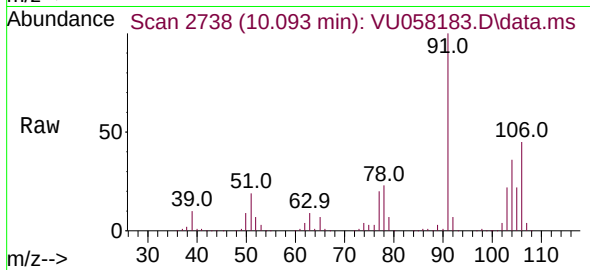
ClientSampleId :

Tgt Ion:106 Resp: 221759

Ion Ratio Lower Upper

106 100

91 223.6 154.3 286.7



#55

Styrene

Concen: 21.466 ug/L

RT: 10.106 min Scan# 2742

Delta R.T. -0.000 min

Lab File: VU058183.D

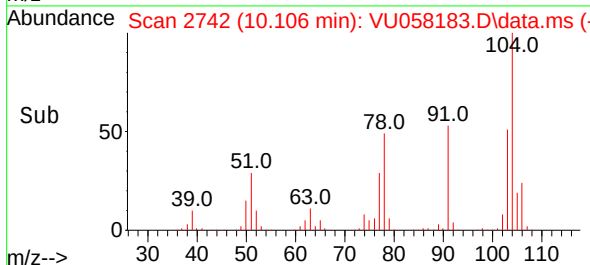
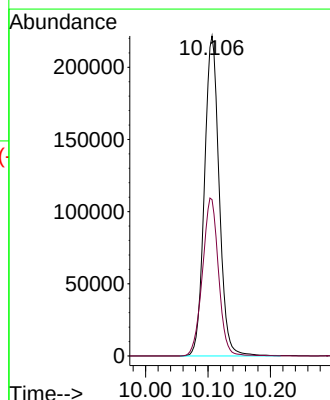
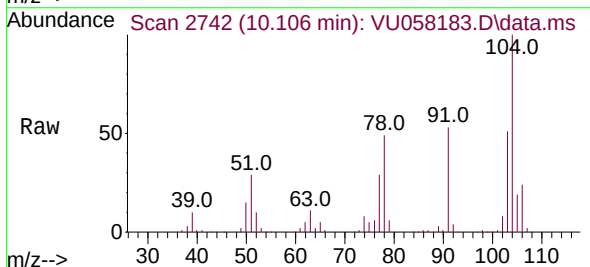
Acq: 21 Mar 2024 13:46

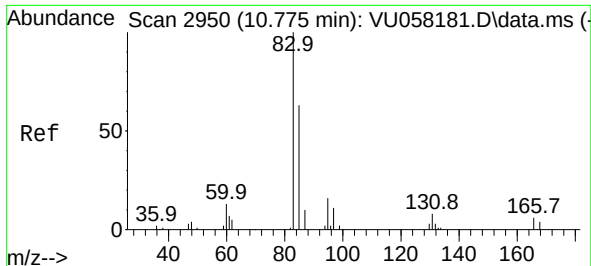
Tgt Ion:104 Resp: 364493

Ion Ratio Lower Upper

104 100

78 48.8 34.5 64.1





#57

1,1,2,2-Tetrachloroethane

Concen: 21.427 ug/L

RT: 10.772 min Scan# 2950

Delta R.T. -0.003 min

Lab File: VU058183.D

Acq: 21 Mar 2024 13:46

Instrument :

MSVOA_U

ClientSampleId :

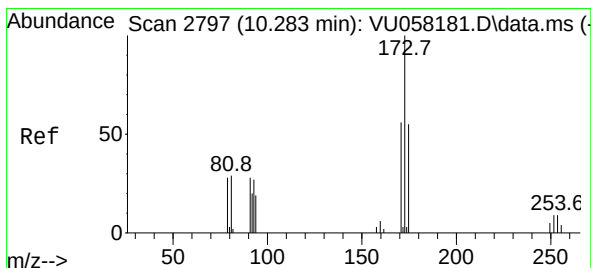
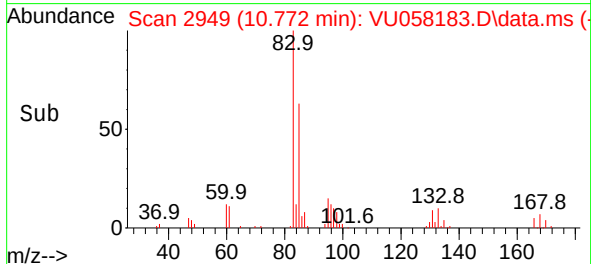
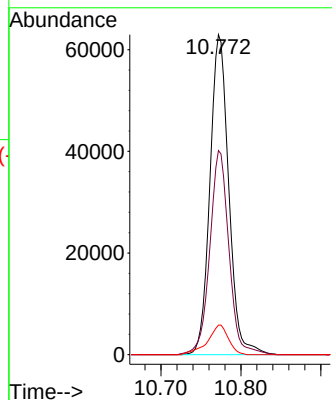
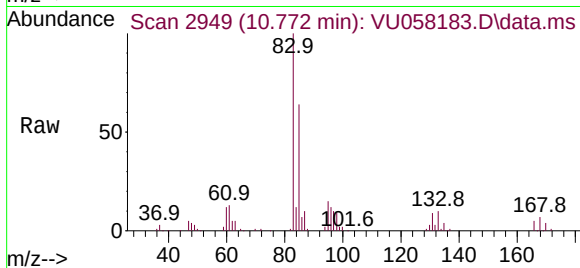
Tgt Ion: 83 Resp: 102710

Ion Ratio Lower Upper

83 100

85 63.8 44.7 82.9

131 9.3 7.0 10.6



#59

Bromoform

Concen: 21.150 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.000 min

Lab File: VU058183.D

Acq: 21 Mar 2024 13:46

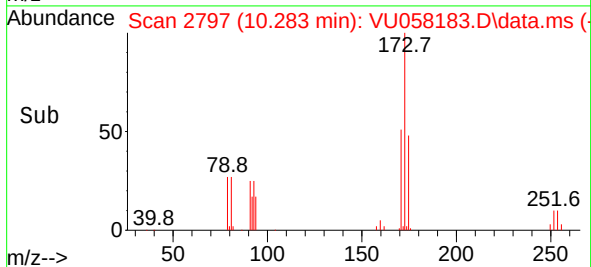
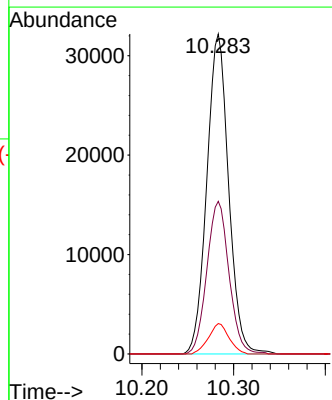
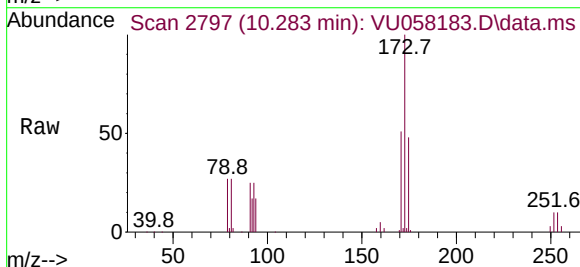
Tgt Ion:173 Resp: 53105

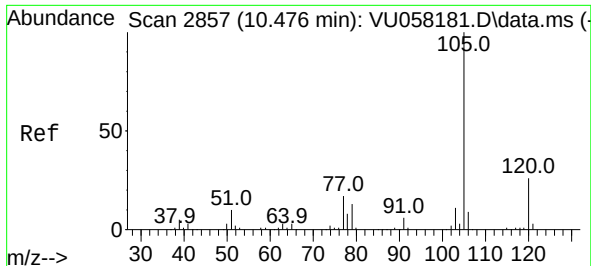
Ion Ratio Lower Upper

173 100

175 48.4 40.9 61.3

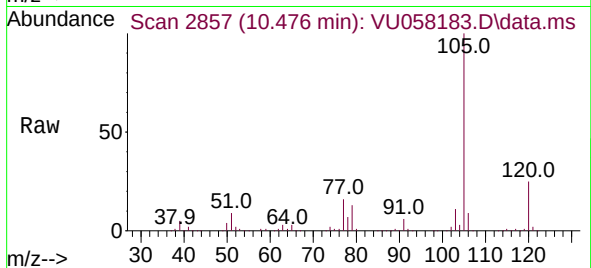
254 9.0 5.8 8.8#



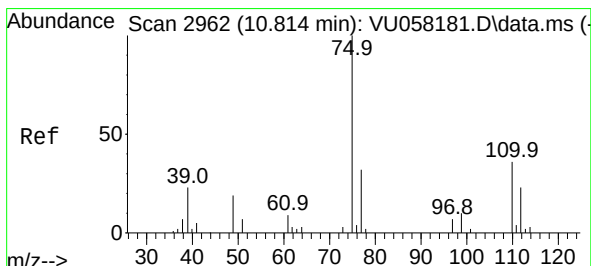
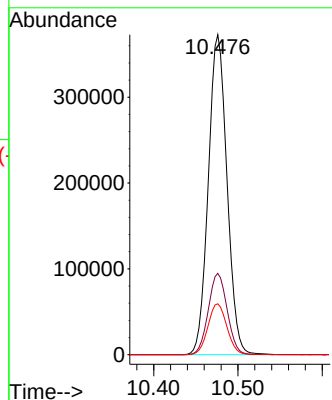
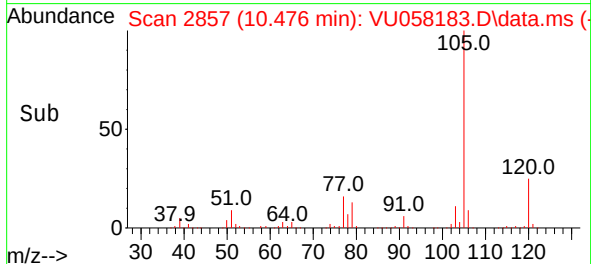


#60
Isopropylbenzene
Concen: 19.338 ug/L
RT: 10.476 min Scan# 2857
Delta R.T. -0.000 min
Lab File: VU058183.D
Acq: 21 Mar 2024 13:46

Instrument :
MSVOA_U
ClientSampleId :

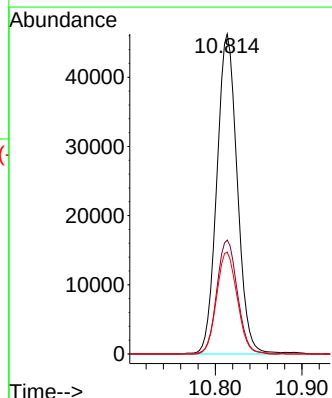
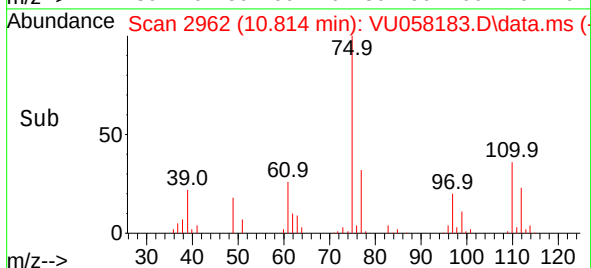
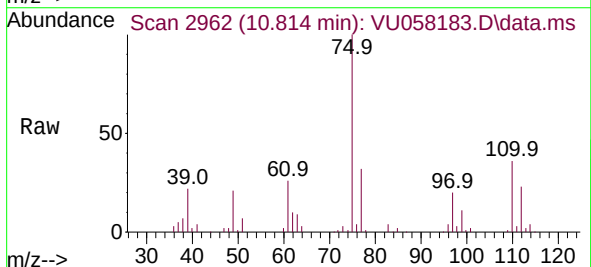


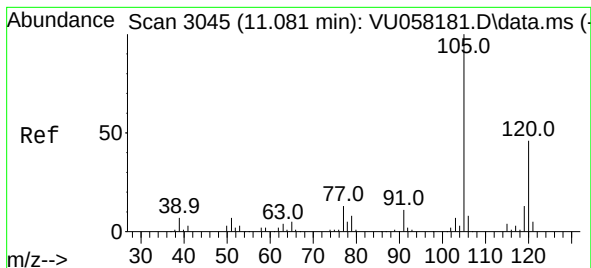
Tgt Ion:105 Resp: 575329
Ion Ratio Lower Upper
105 100
120 25.7 20.5 30.7
77 16.2 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 20.378 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. -0.000 min
Lab File: VU058183.D
Acq: 21 Mar 2024 13:46

Tgt Ion: 75 Resp: 75650
Ion Ratio Lower Upper
75 100
110 35.8 28.1 42.1
77 32.3 25.1 37.7

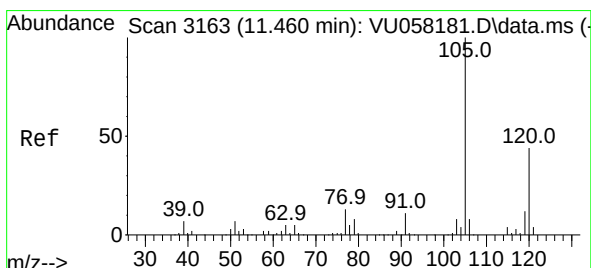
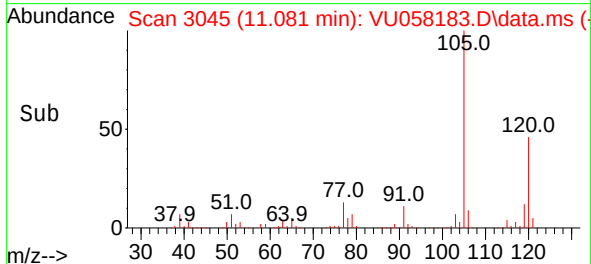
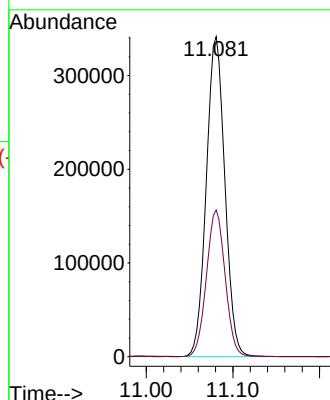
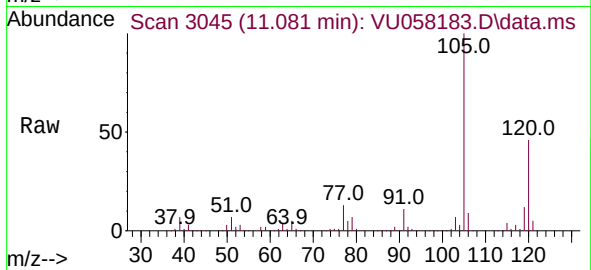




#62
1,3,5-Trimethylbenzene
Concen: 20.240 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VU058183.D
Acq: 21 Mar 2024 13:46

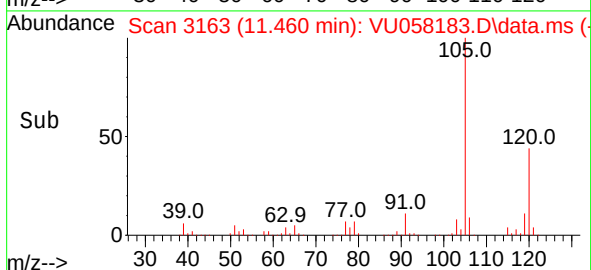
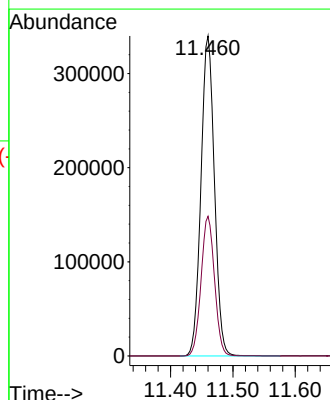
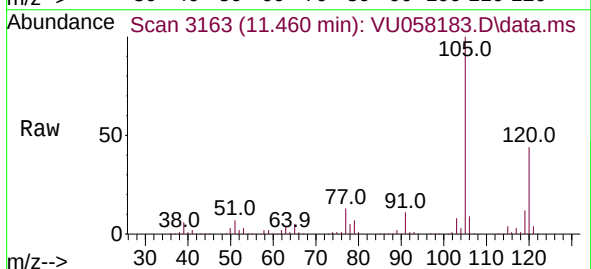
Instrument :
MSVOA_U
ClientSampleId :

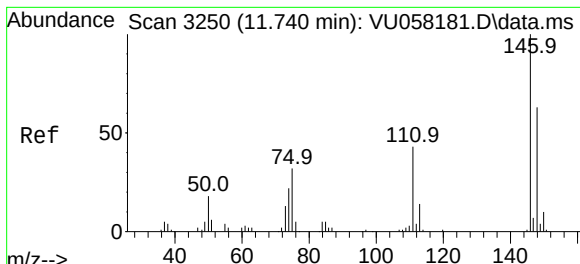
Tgt Ion:105 Resp: 507702
Ion Ratio Lower Upper
105 100
120 46.3 36.7 55.1



#63
1,2,4-Trimethylbenzene
Concen: 20.674 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VU058183.D
Acq: 21 Mar 2024 13:46

Tgt Ion:105 Resp: 510261
Ion Ratio Lower Upper
105 100
120 43.6 35.9 53.9

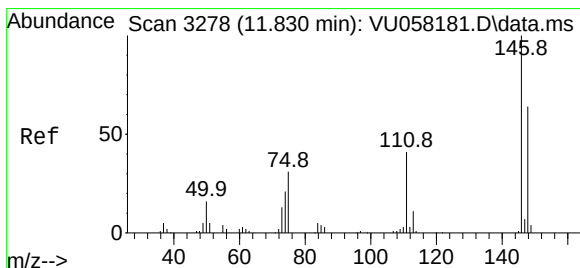
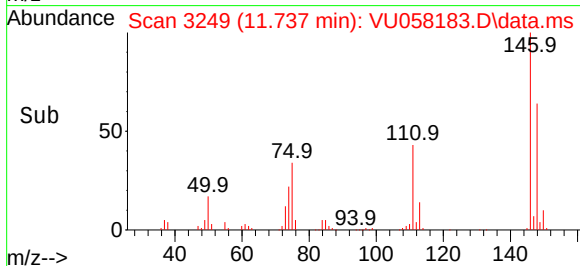
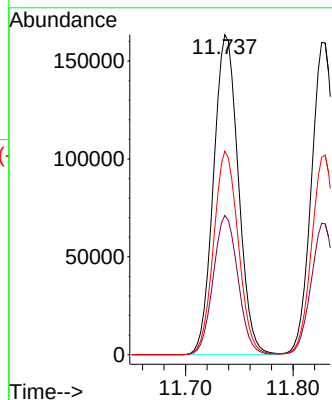
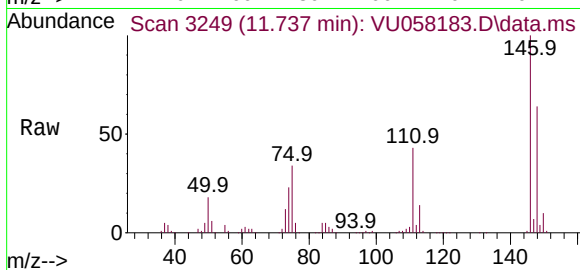




#64
1,3-Dichlorobenzene
Concen: 19.254 ug/L
RT: 11.737 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU058183.D
Acq: 21 Mar 2024 13:46

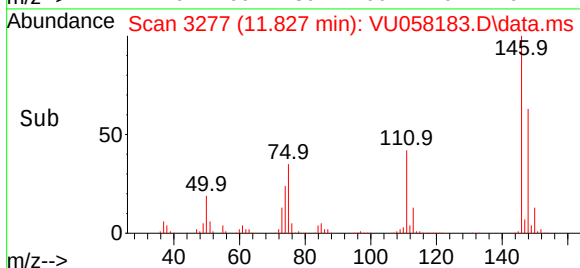
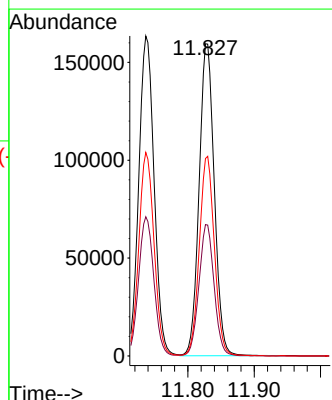
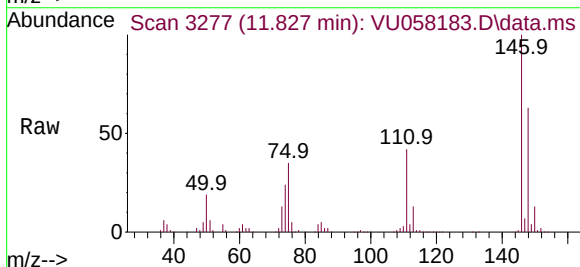
Instrument :
MSVOA_U
ClientSampleId :

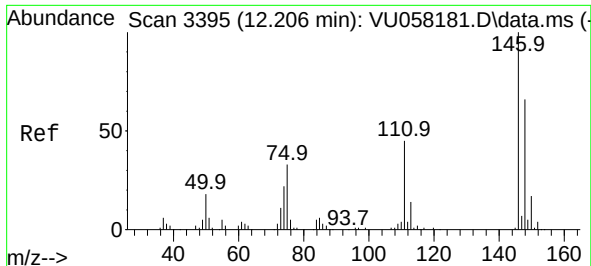
Tgt Ion:146 Resp: 262170
Ion Ratio Lower Upper
146 100
111 43.5 29.9 55.5
148 63.6 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 19.096 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. -0.003 min
Lab File: VU058183.D
Acq: 21 Mar 2024 13:46

Tgt Ion:146 Resp: 253813
Ion Ratio Lower Upper
146 100
111 42.1 29.0 53.8
148 63.2 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 20.234 ug/L

RT: 12.203 min Scan# 3395

Delta R.T. -0.003 min

Lab File: VU058183.D

Acq: 21 Mar 2024 13:46

Instrument :

MSVOA_U

ClientSampleId :

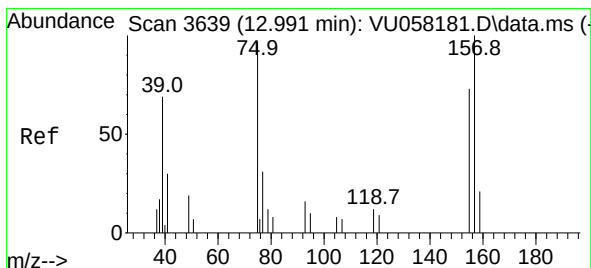
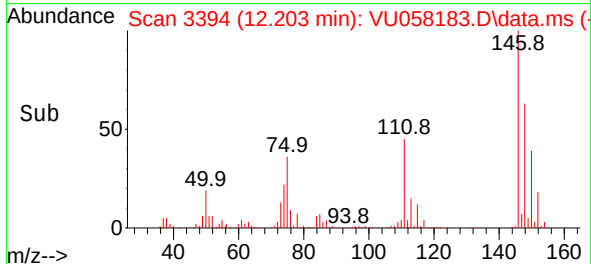
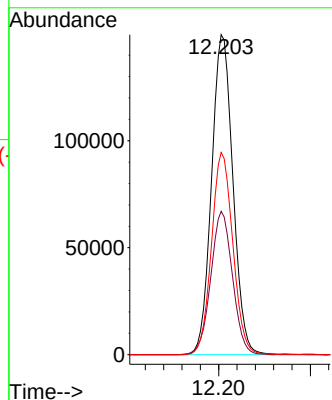
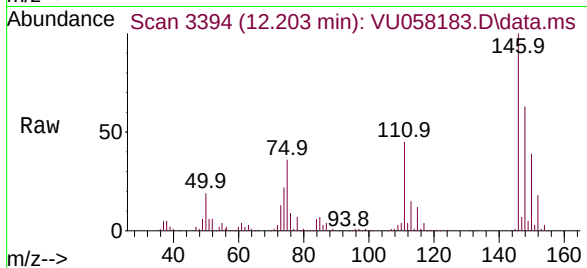
Tgt Ion:146 Resp: 241756

Ion Ratio Lower Upper

146 100

111 44.8 35.9 53.9

148 63.2 52.4 78.6



#68

1,2-Dibromo-3-chloropropane

Concen: 22.120 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.003 min

Lab File: VU058183.D

Acq: 21 Mar 2024 13:46

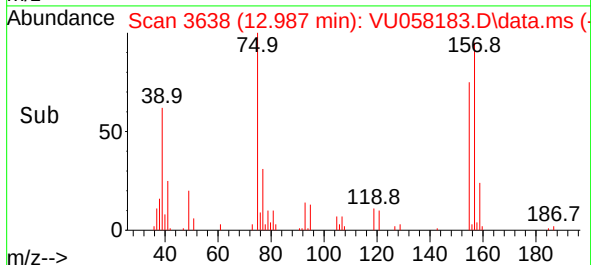
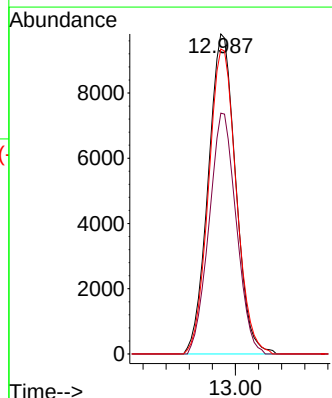
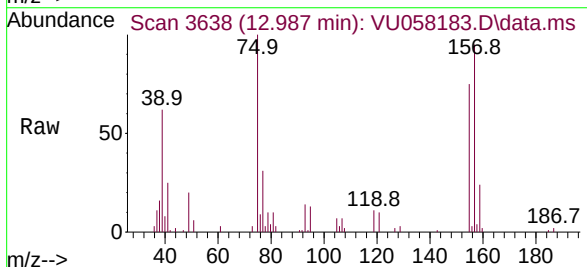
Tgt Ion: 75 Resp: 16157

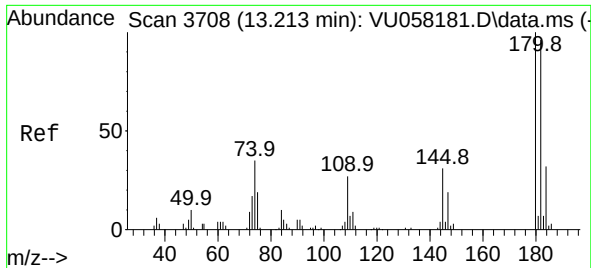
Ion Ratio Lower Upper

75 100

155 75.3 60.2 90.2

157 95.3 82.6 123.8





#69

1,3,5-Trichlorobenzene

Concen: 20.211 ug/L

RT: 13.212 min Scan# 3

Delta R.T. -0.000 min

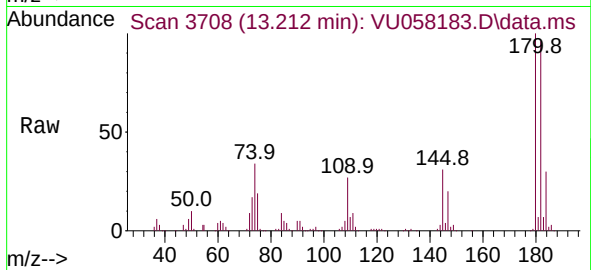
Lab File: VU058183.D

Acq: 21 Mar 2024 13:46

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 197323

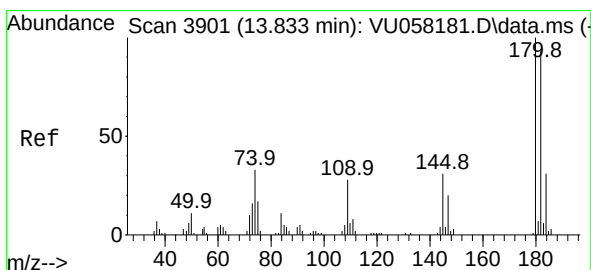
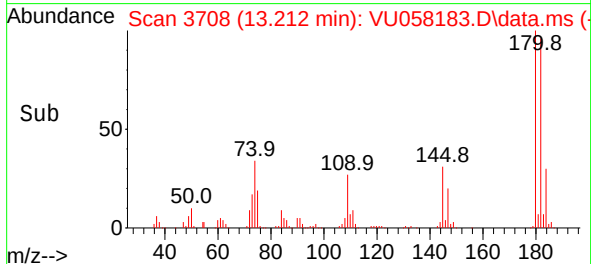
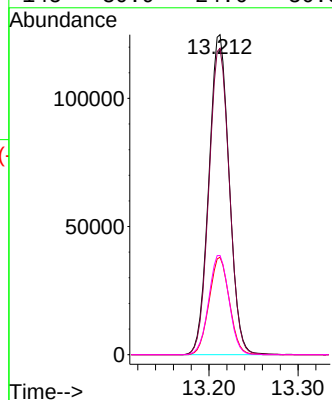
Ion Ratio Lower Upper

180 100

182 96.5 75.4 113.0

184 30.3 24.8 37.2

145 30.9 24.6 36.8



#70

1,2,4-trichlorobenzene

Concen: 22.456 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU058183.D

Acq: 21 Mar 2024 13:46

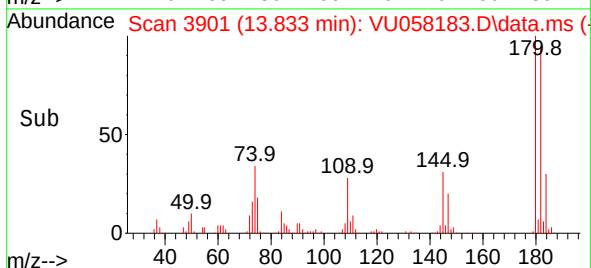
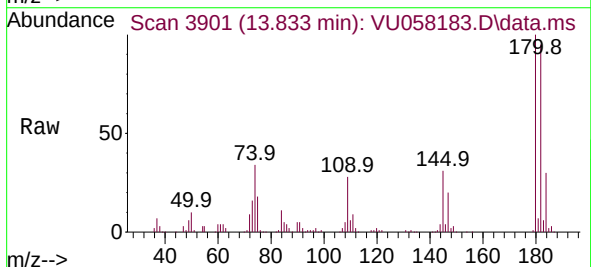
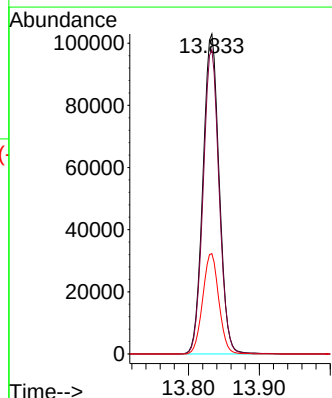
Tgt Ion:180 Resp: 163888

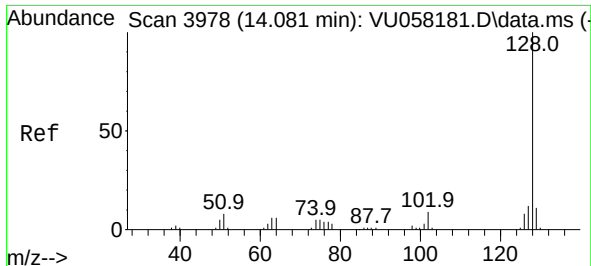
Ion Ratio Lower Upper

180 100

182 93.8 74.5 111.7

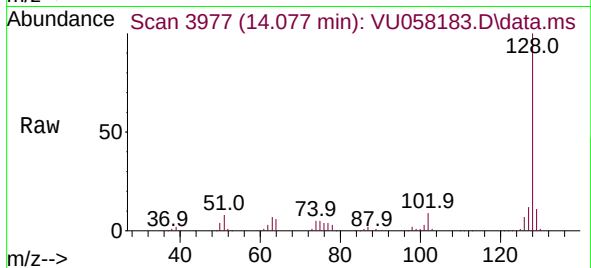
145 31.1 24.5 36.7



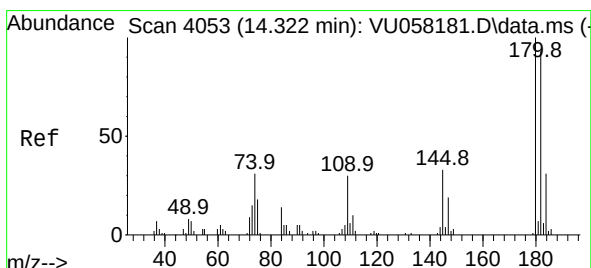
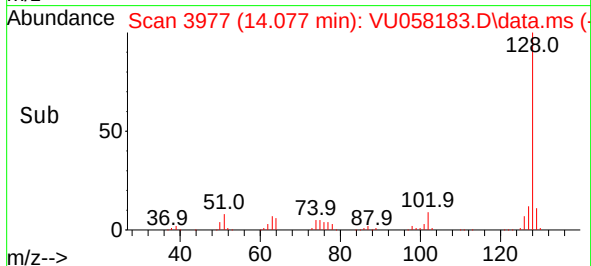
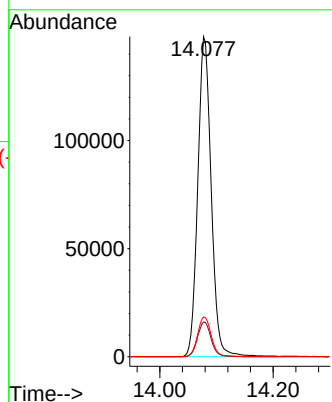


#71
Naphthalene
Concen: 24.403 ug/L
RT: 14.077 min Scan# 3978
Delta R.T. -0.003 min
Lab File: VU058183.D
Acq: 21 Mar 2024 13:46

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 243214
Ion Ratio Lower Upper
128 100
129 10.9 8.1 12.1
127 12.7 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 22.619 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU058183.D
Acq: 21 Mar 2024 13:46

Tgt Ion:180 Resp: 131847
Ion Ratio Lower Upper
180 100
182 96.3 74.4 111.6
145 33.8 26.3 39.5

