

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032124\
 Data File : VU058185.D
 Acq On : 21 Mar 2024 14:32
 Operator : MD/SY
 Sample : VSTD010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 22 04:41:50 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	95391	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	91993	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	47605	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	84770	12.099	ug/L	0.00
7) Chloroethane-d5	1.911	69	69321	11.984	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	36218	12.067	ug/L	0.00
20) 2-Butanone-d5	4.621	46	164448	140.402	ug/L	0.00
24) Chloroform-d	5.052	84	154144	11.768	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.692	65	72749	12.152	ug/L	0.00
32) Benzene-d6	5.718	84	317076	11.729	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	94172	11.516	ug/L	0.00
41) Toluene-d8	7.891	98	289561	11.872	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.171	79	32928	11.987	ug/L	0.00
46) 2-Hexanone-d5	8.624	63	134348	141.054	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	62618	12.523	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	92260	11.637	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	37750	7.053	ug/L	99
3) Chloromethane	1.518	50	46156	7.277	ug/L	97
5) Vinyl chloride	1.602	62	53415	7.880	ug/L	100
6) Bromomethane	1.856	94	29385	8.138	ug/L	99
8) Chloroethane	1.930	64	35716	8.243	ug/L	99
9) Trichlorofluoromethane	2.136	101	85073	8.571	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	55065	8.809	ug/L	98
12) 1,1-Dichloroethene	2.576	96	47083	8.636	ug/L	99
13) Acetone	2.641	43	96138	115.556	ug/L	98
14) Carbon disulfide	2.788	76	106889	6.567	ug/L	100
15) Methyl Acetate	2.949	43	18686	10.113	ug/L	91
16) Methylene chloride	3.039	84	56629	8.369	ug/L	98
17) Methyl tert-butyl Ether	3.351	73	128210	9.671	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	50342	8.446	ug/L	98
19) 1,1-Dichloroethane	3.859	63	111997	9.230	ug/L	100
21) 2-Butanone	4.702	43	146399	111.593	ug/L	98
22) cis-1,2-Dichloroethene	4.657	96	61461	9.207	ug/L	96
23) Bromochloromethane	4.965	128	24308	9.765	ug/L	97
25) Chloroform	5.078	83	115162	9.240	ug/L	96
27) 1,2-Dichloroethane	5.785	62	65469	9.498	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	94140	8.903	ug/L	99
30) Cyclohexane	5.380	56	83184	8.048	ug/L	98
31) Carbon tetrachloride	5.518	117	79520	8.744	ug/L	99
33) Benzene	5.766	78	240214	8.839	ug/L	100
34) Trichloroethene	6.534	95	61536	8.604	ug/L	98
35) Methylcyclohexane	6.756	83	89768	8.404	ug/L	97
37) 1,2-Dichloropropane	6.782	63	67213	9.510	ug/L	100
38) Bromodichloromethane	7.097	83	79030	9.280	ug/L	99
39) cis-1,3-Dichloropropene	7.599	75	91794	9.538	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	348928	106.580	ug/L	100
42) Toluene	7.962	91	255555	9.060	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	75349	9.814	ug/L	99

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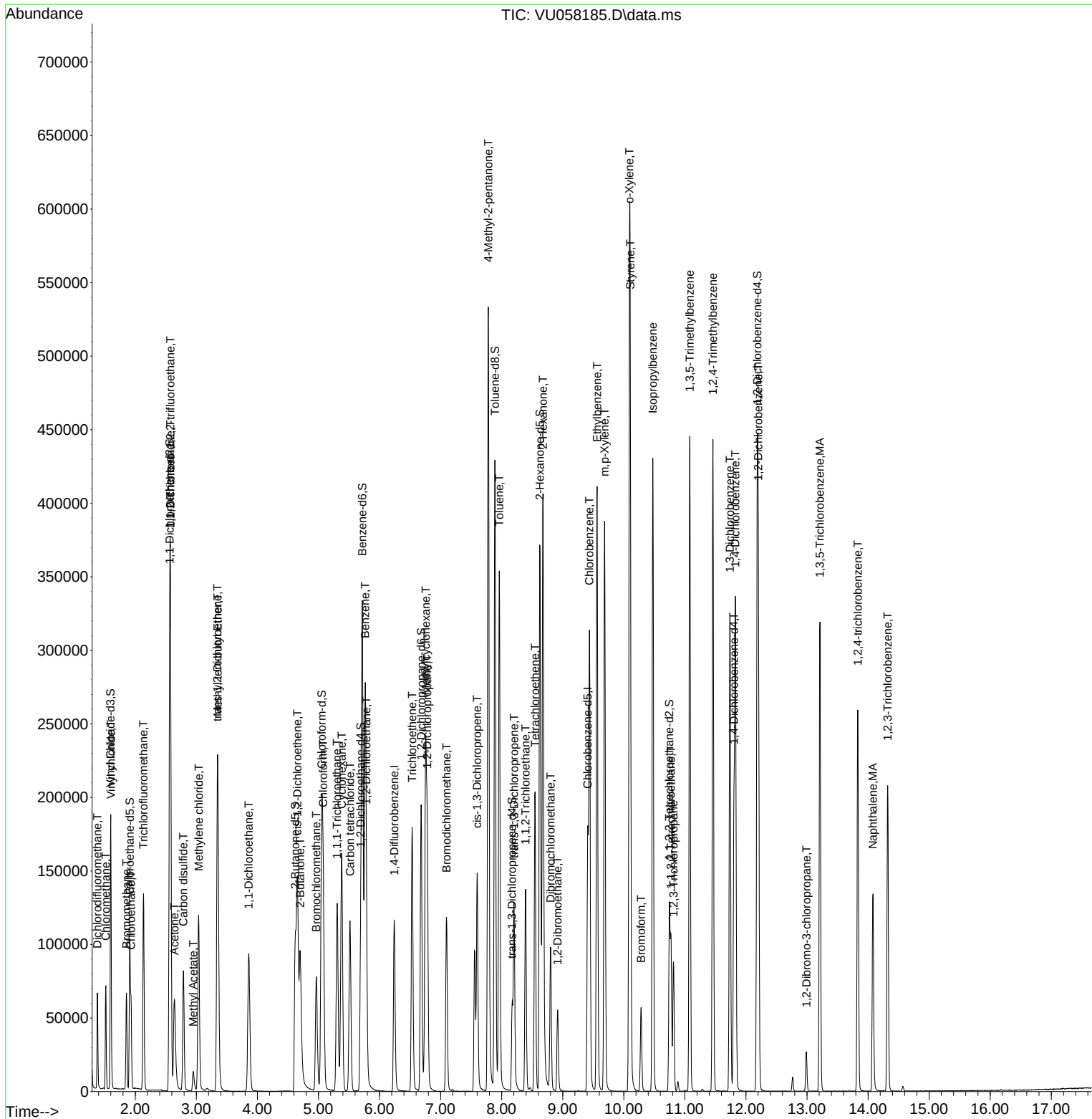
Quant Time: Mar 22 04:41:50 2024
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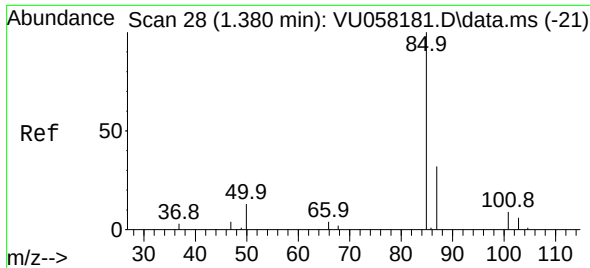
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.393	97	42207	9.974	ug/L	98
47) Tetrachloroethene	8.547	164	43148	8.728	ug/L	99
48) 2-Hexanone	8.676	43	264919	110.645	ug/L	96
49) Dibromochloromethane	8.801	129	49878	10.087	ug/L	95
50) 1,2-Dibromoethane	8.917	107	37617	10.074	ug/L	98
51) Chlorobenzene	9.438	112	161988	9.061	ug/L	99
52) Ethylbenzene	9.563	91	290402	9.178	ug/L	98
53) m,p-Xylene	9.685	106	107857	9.571	ug/L	96
54) o-Xylene	10.094	106	106691	9.404	ug/L	99
55) Styrene	10.106	104	176063	9.960	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.772	83	50044	10.028	ug/L	100
59) Bromoform	10.283	173	25134	9.642	ug/L #	96
60) Isopropylbenzene	10.476	105	275595	8.923	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	37609	9.759	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	238945	9.176	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	239737	9.357	ug/L	97
64) 1,3-Dichlorobenzene	11.740	146	127426	9.015	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	122296	8.863	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	116270	9.374	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	7298	9.625	ug/L	91
69) 1,3,5-Trichlorobenzene	13.212	180	93120	9.188	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	74921	9.889	ug/L	97
71) Naphthalene	14.081	128	108669	10.503	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	61084	10.095	ug/L	97

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

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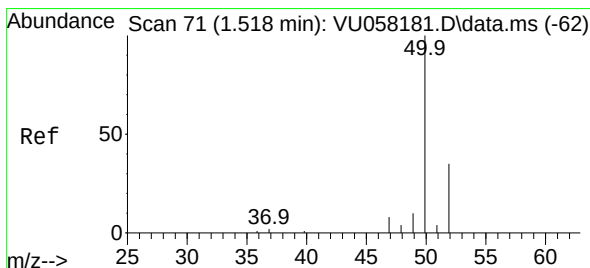
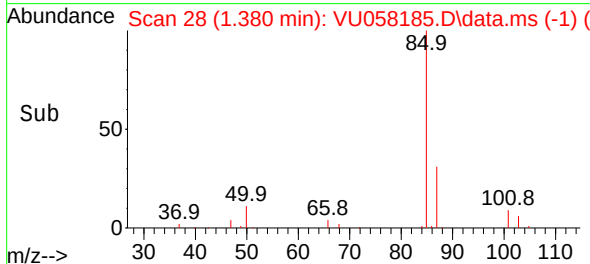
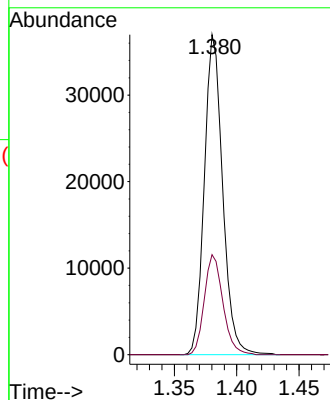
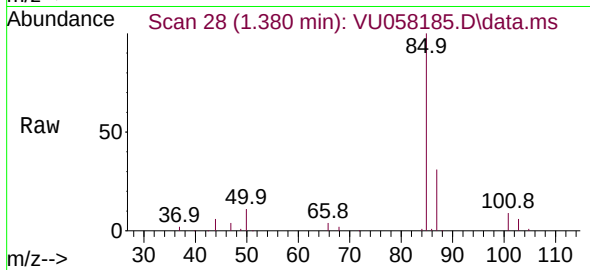




#2
 Dichlorodifluoromethane
 Concen: 7.053 ug/L
 RT: 1.380 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU058185.D
 Acq: 21 Mar 2024 14:32

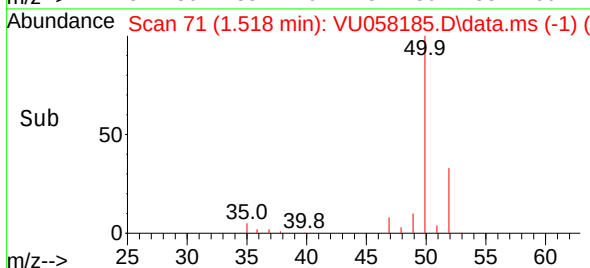
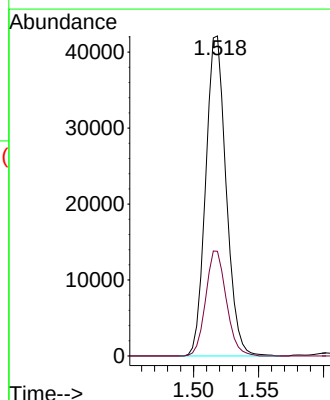
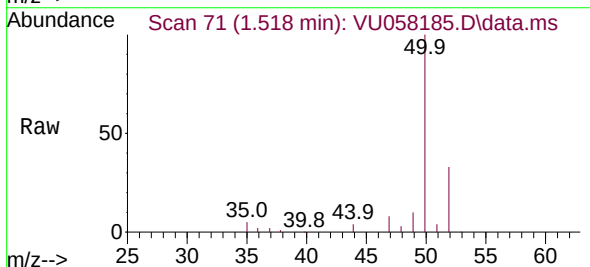
Instrument :
 MSVOA_U
 ClientSampleId :

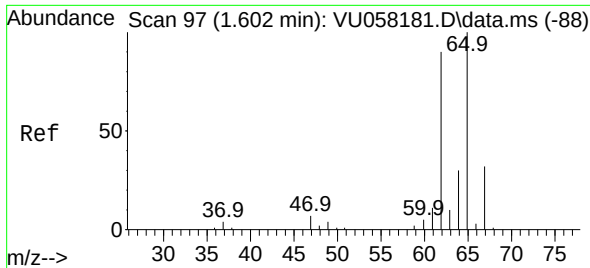
Tgt Ion: 85 Resp: 37750
 Ion Ratio Lower Upper
 85 100
 87 31.7 25.8 38.8



#3
 Chloromethane
 Concen: 7.277 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU058185.D
 Acq: 21 Mar 2024 14:32

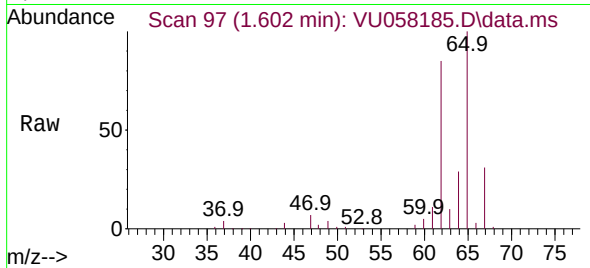
Tgt Ion: 50 Resp: 46156
 Ion Ratio Lower Upper
 50 100
 52 32.7 24.2 45.0



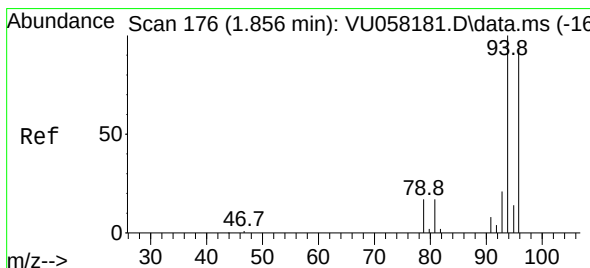
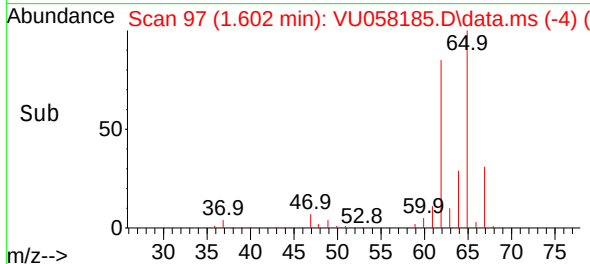
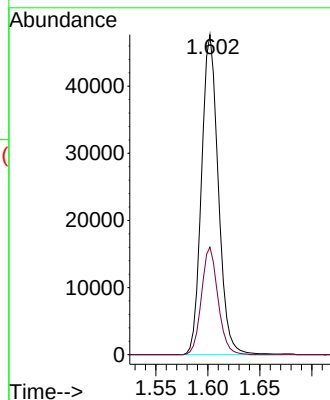


#5
Vinyl chloride
Concen: 7.880 ug/L
RT: 1.602 min Scan# 91
Delta R.T. -0.000 min
Lab File: VU058185.D
Acq: 21 Mar 2024 14:32

Instrument :
MSVOA_U
ClientSampleId :

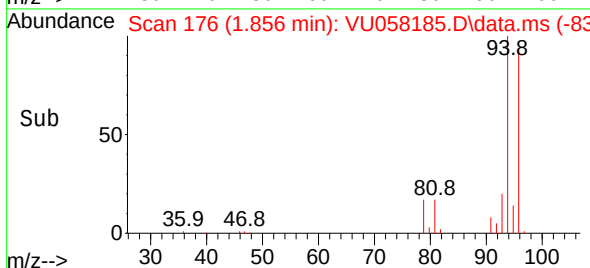
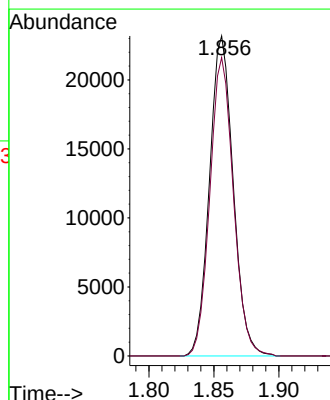
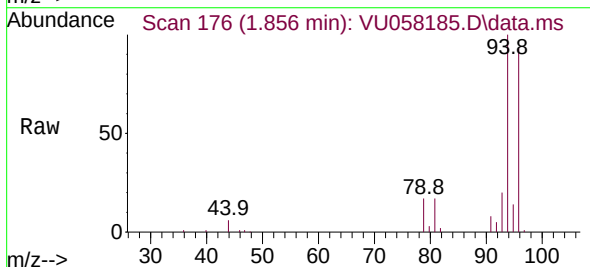


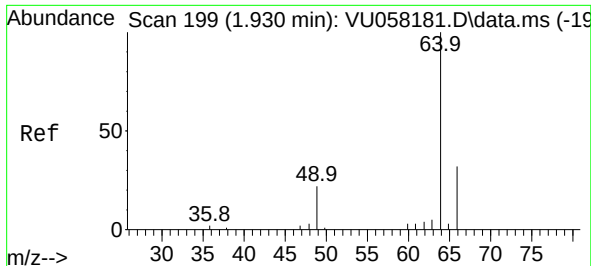
Tgt Ion: 62 Resp: 53415
Ion Ratio Lower Upper
62 100
64 33.6 23.4 43.6



#6
Bromomethane
Concen: 8.138 ug/L
RT: 1.856 min Scan# 176
Delta R.T. -0.000 min
Lab File: VU058185.D
Acq: 21 Mar 2024 14:32

Tgt Ion: 94 Resp: 29385
Ion Ratio Lower Upper
94 100
96 93.2 64.8 120.4

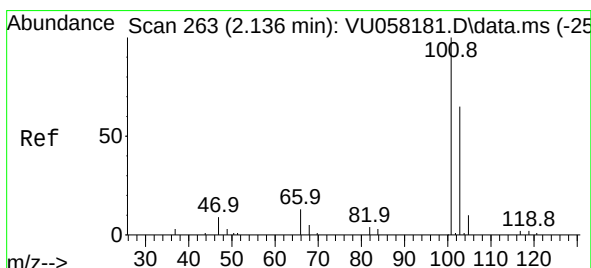
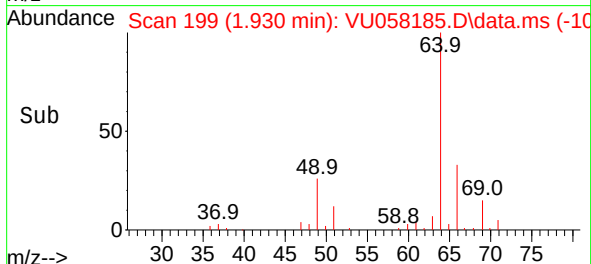
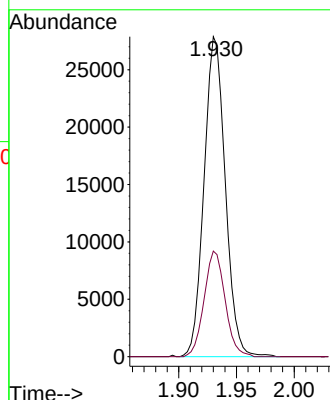
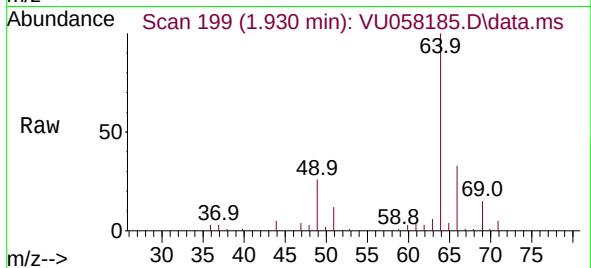




#8
Chloroethane
Concen: 8.243 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU058185.D
Acq: 21 Mar 2024 14:32

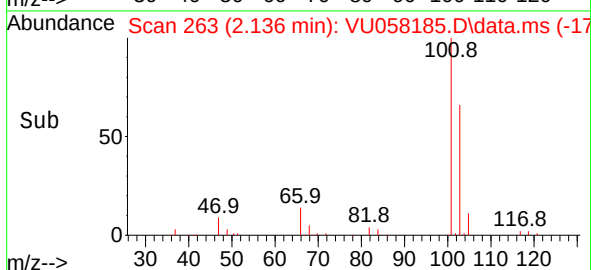
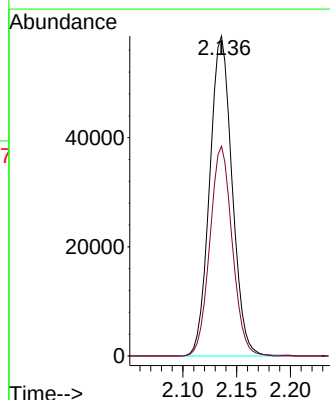
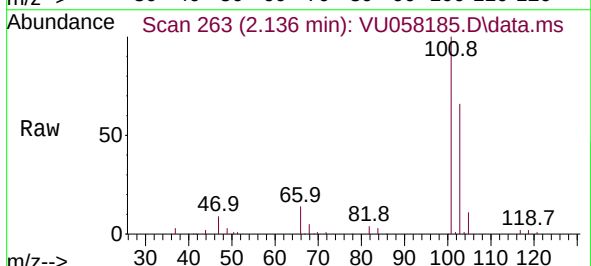
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MSVOA_U
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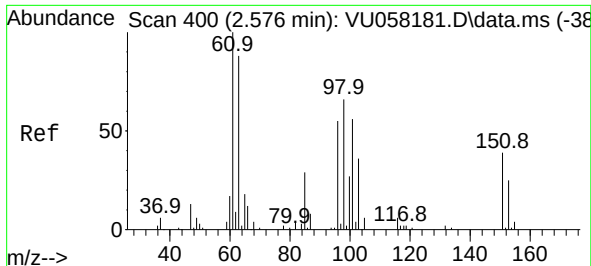
Tgt Ion: 64 Resp: 35716
Ion Ratio Lower Upper
64 100
66 33.0 22.5 41.9



#9
Trichlorofluoromethane
Concen: 8.571 ug/L
RT: 2.136 min Scan# 263
Delta R.T. -0.000 min
Lab File: VU058185.D
Acq: 21 Mar 2024 14:32

Tgt Ion:101 Resp: 85073
Ion Ratio Lower Upper
101 100
103 65.3 52.3 78.5

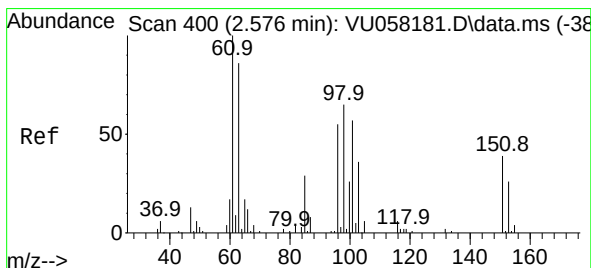
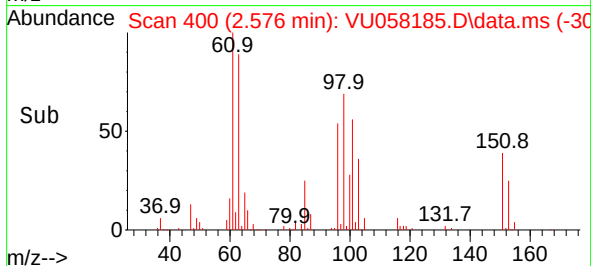
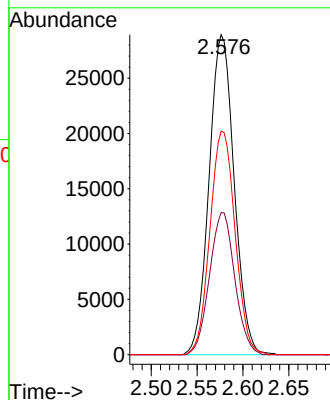
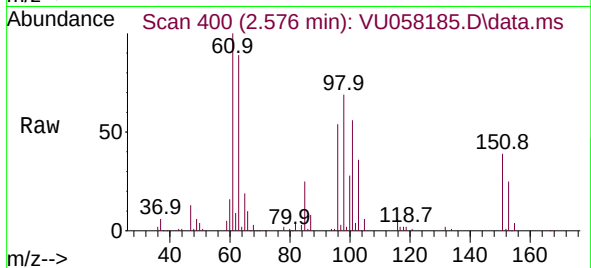




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 8.809 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU058185.D
Acq: 21 Mar 2024 14:32

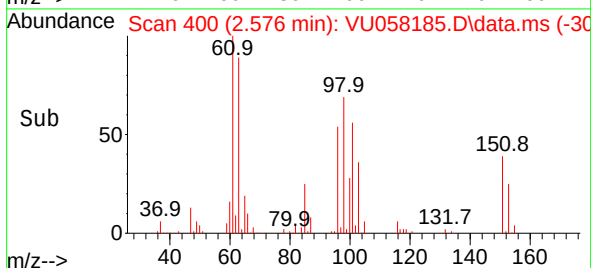
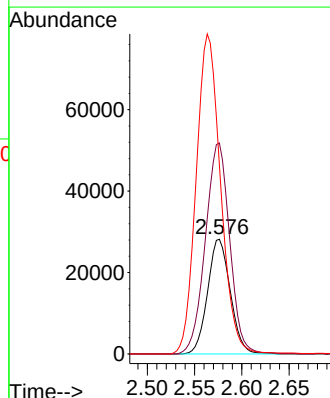
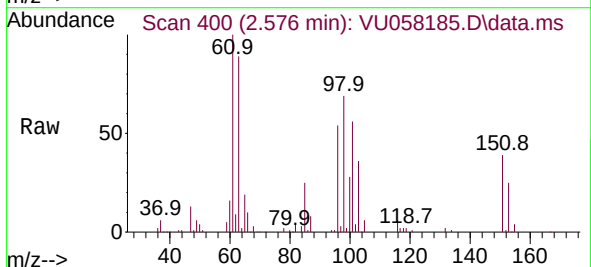
Instrument :
MSVOA_U
ClientSampleId :

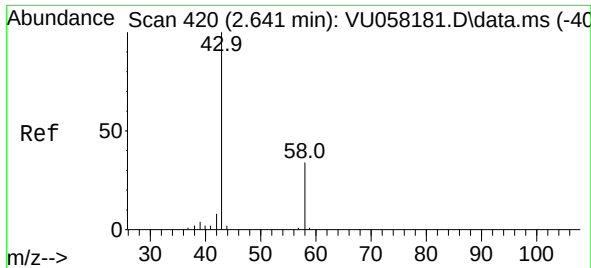
Tgt Ion:101 Resp: 55065
Ion Ratio Lower Upper
101 100
85 44.7 37.9 56.9
151 70.0 55.3 82.9



#12
1,1-Dichloroethene
Concen: 8.636 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU058185.D
Acq: 21 Mar 2024 14:32

Tgt Ion: 96 Resp: 47083
Ion Ratio Lower Upper
96 100
61 183.9 128.1 237.9
63 164.6 116.8 217.0





#13

Acetone

Concen: 115.556 ug/L

RT: 2.641 min Scan# 41

Delta R.T. -0.000 min

Lab File: VU058185.D

Acq: 21 Mar 2024 14:32

Instrument :

MSVOA_U

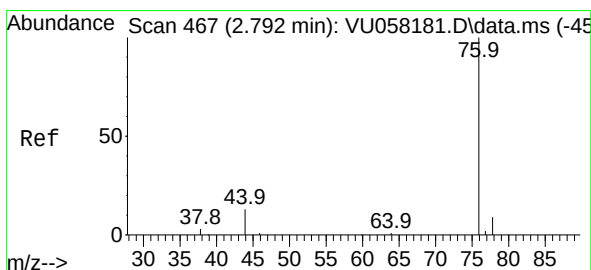
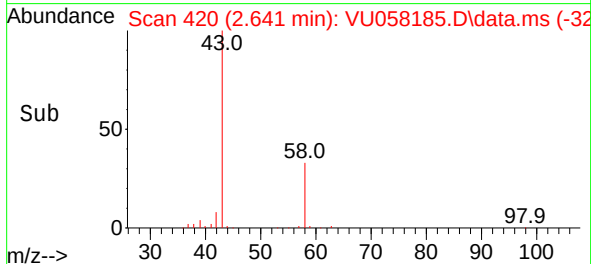
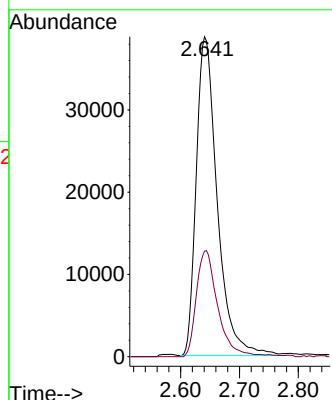
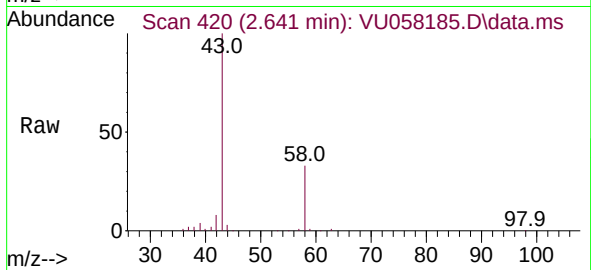
ClientSampleId :

Tgt Ion: 43 Resp: 96138

Ion Ratio Lower Upper

43 100

58 33.7 0.0 64.6



#14

Carbon disulfide

Concen: 6.567 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.003 min

Lab File: VU058185.D

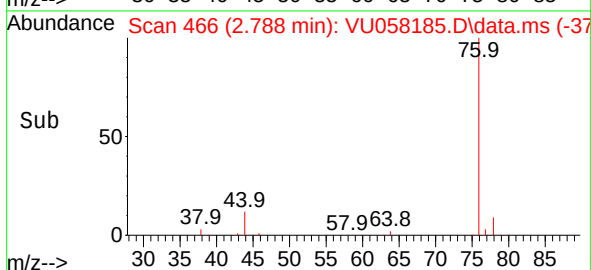
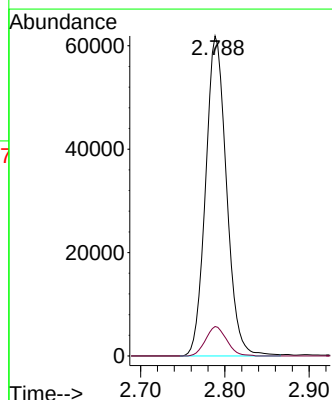
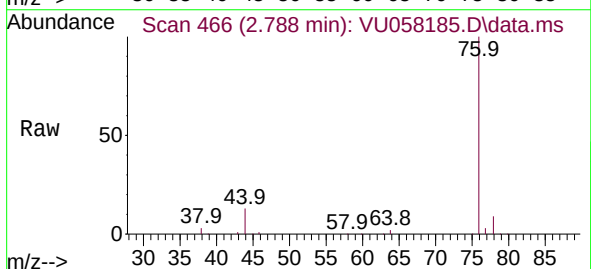
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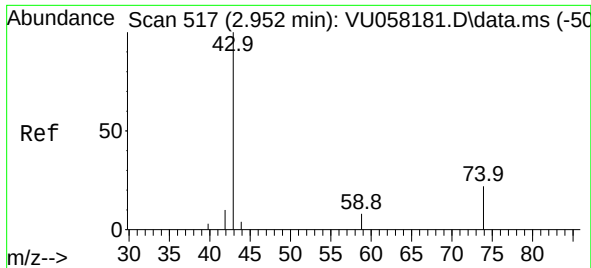
Tgt Ion: 76 Resp: 106889

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8





#15

Methyl Acetate

Concen: 10.113 ug/L

RT: 2.949 min Scan# 517

Delta R.T. -0.003 min

Lab File: VU058185.D

Acq: 21 Mar 2024 14:32

Instrument :

MSVOA_U

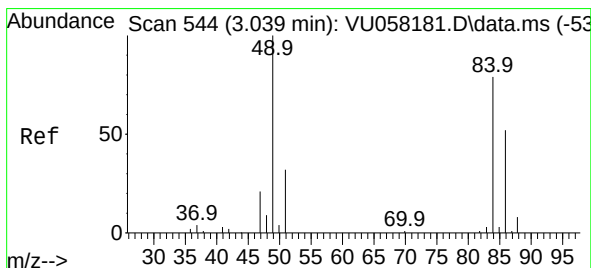
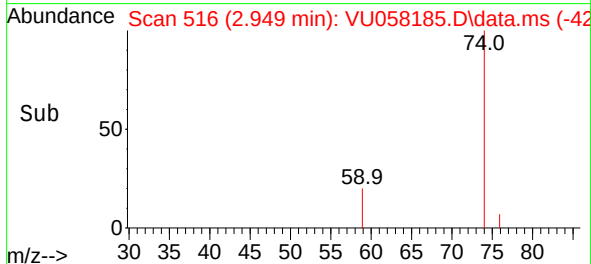
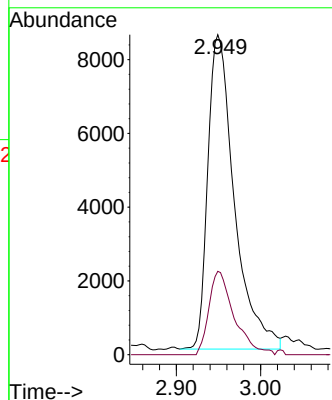
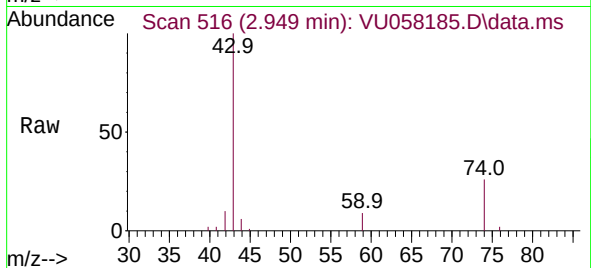
ClientSampleId :

Tgt Ion: 43 Resp: 18686

Ion Ratio Lower Upper

43 100

74 25.1 16.8 25.2



#16

Methylene chloride

Concen: 8.369 ug/L

RT: 3.039 min Scan# 544

Delta R.T. -0.000 min

Lab File: VU058185.D

Acq: 21 Mar 2024 14:32

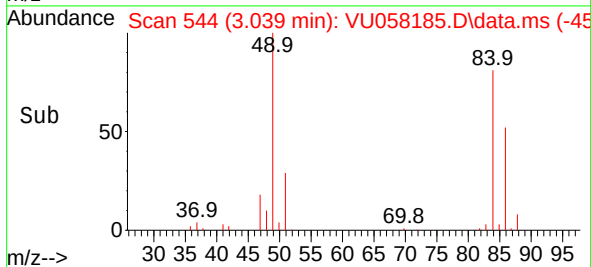
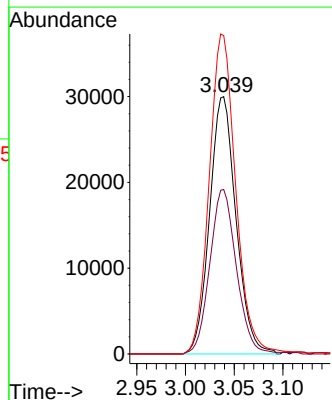
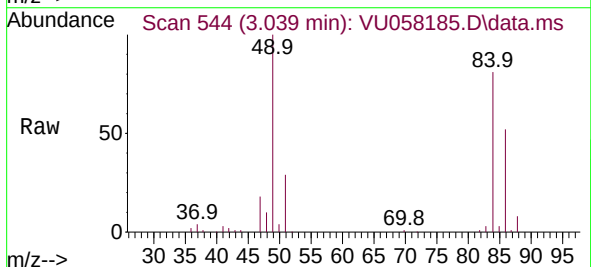
Tgt Ion: 84 Resp: 56629

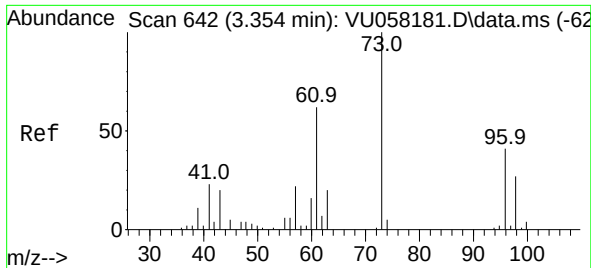
Ion Ratio Lower Upper

84 100

86 64.0 45.6 84.6

49 123.7 88.3 163.9





#17

Methyl tert-butyl Ether

Concen: 9.671 ug/L

RT: 3.351 min Scan# 641

Delta R.T. -0.003 min

Lab File: VU058185.D

Acq: 21 Mar 2024 14:32

Instrument :

MSVOA_U

ClientSampleId :

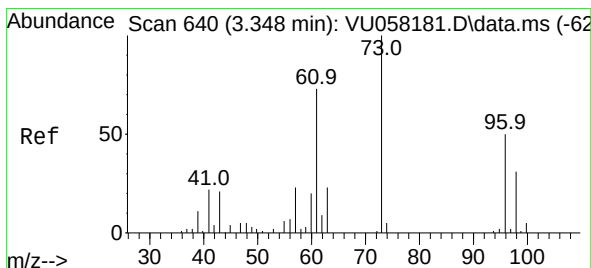
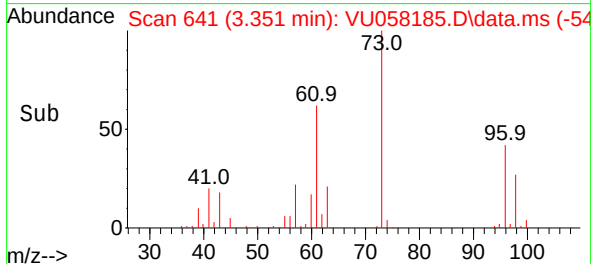
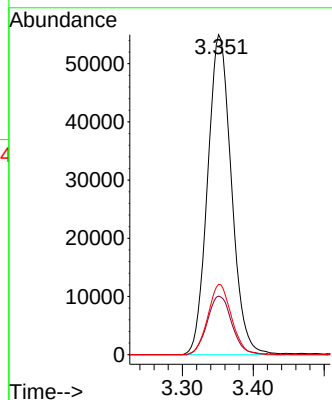
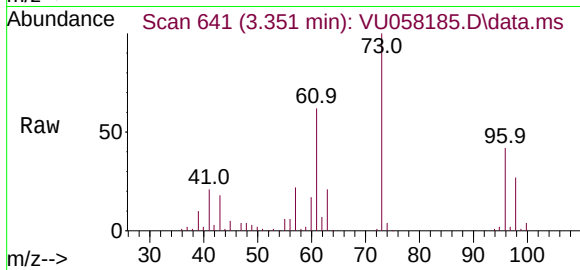
Tgt Ion: 73 Resp: 128210

Ion Ratio Lower Upper

73 100

43 19.0 15.5 23.3

57 21.8 18.0 27.0



#18

trans-1,2-Dichloroethene

Concen: 8.446 ug/L

RT: 3.345 min Scan# 639

Delta R.T. -0.003 min

Lab File: VU058185.D

Acq: 21 Mar 2024 14:32

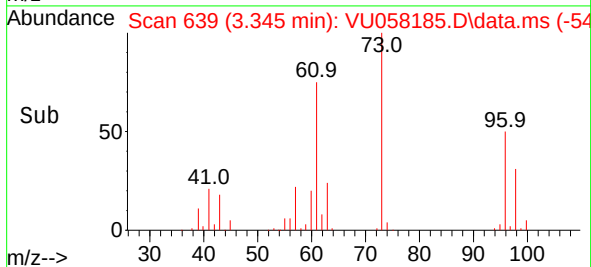
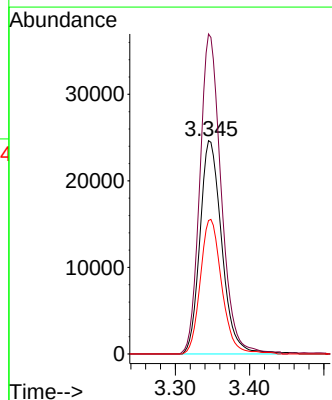
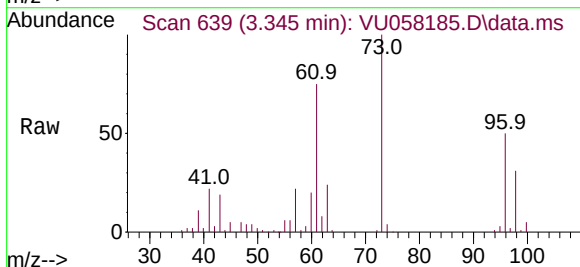
Tgt Ion: 96 Resp: 50342

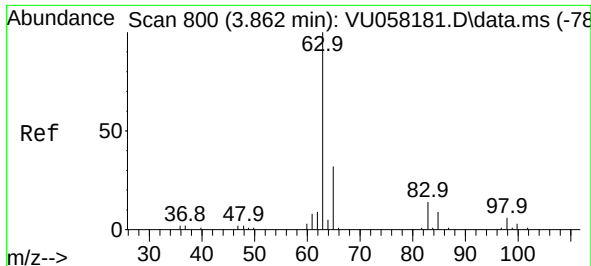
Ion Ratio Lower Upper

96 100

61 150.1 102.5 190.3

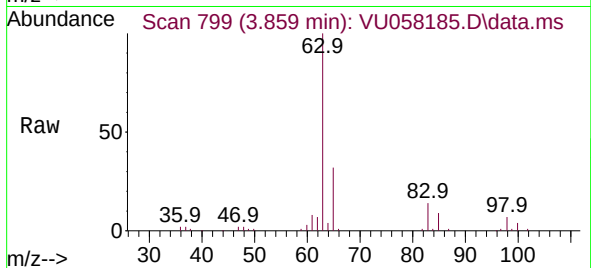
98 62.6 44.0 81.8



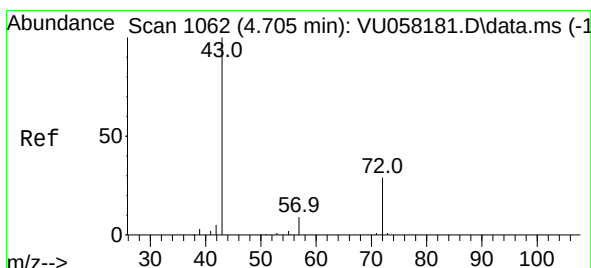
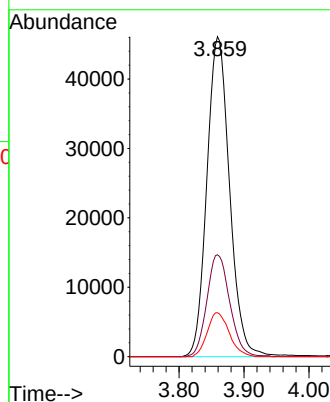
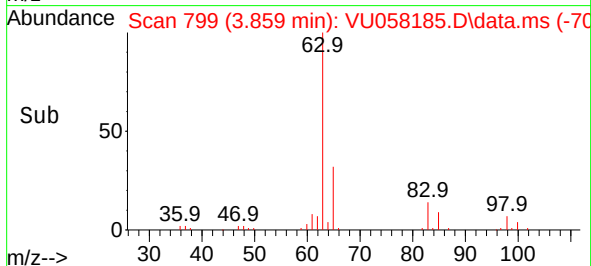


#19
1,1-Dichloroethane
Concen: 9.230 ug/L
RT: 3.859 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU058185.D
Acq: 21 Mar 2024 14:32

Instrument :
MSVOA_U
ClientSampleId :

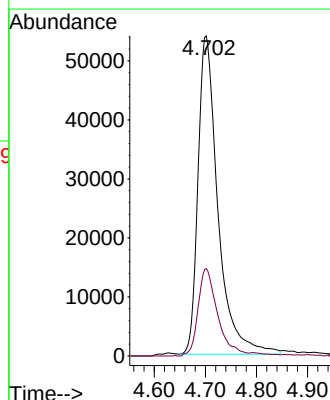
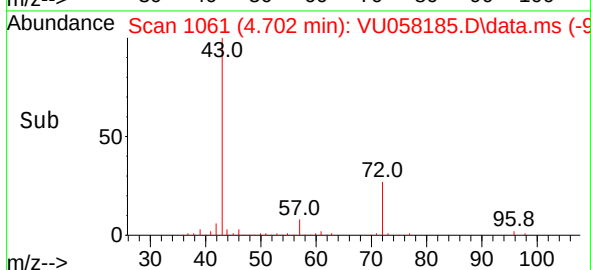
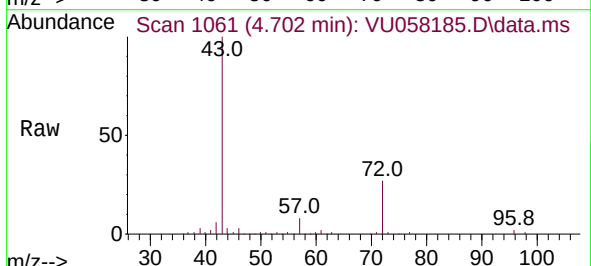


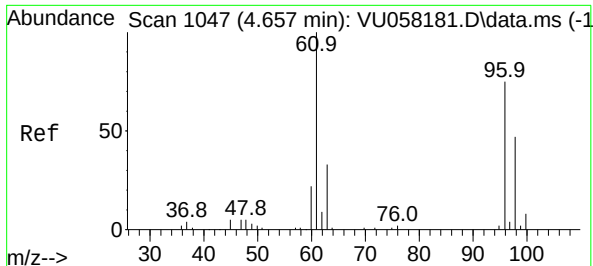
Tgt Ion: 63 Resp: 111997
Ion Ratio Lower Upper
63 100
65 31.8 22.3 41.5
83 13.8 10.0 18.6



#21
2-Butanone
Concen: 111.593 ug/L
RT: 4.702 min Scan# 1061
Delta R.T. -0.003 min
Lab File: VU058185.D
Acq: 21 Mar 2024 14:32

Tgt Ion: 43 Resp: 146399
Ion Ratio Lower Upper
43 100
72 26.8 14.0 41.9

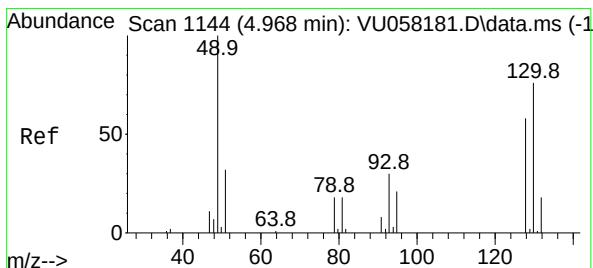
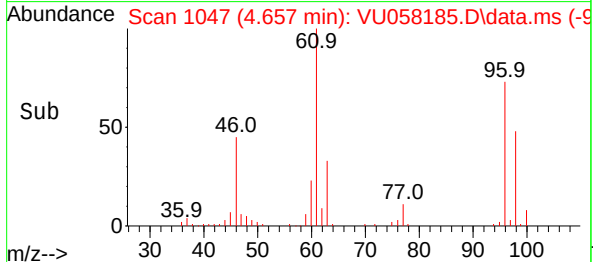
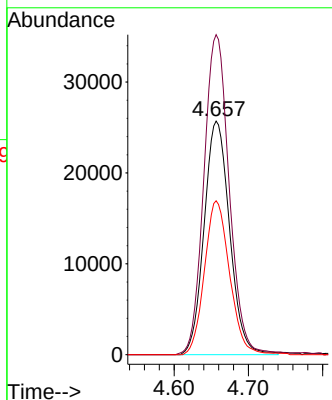
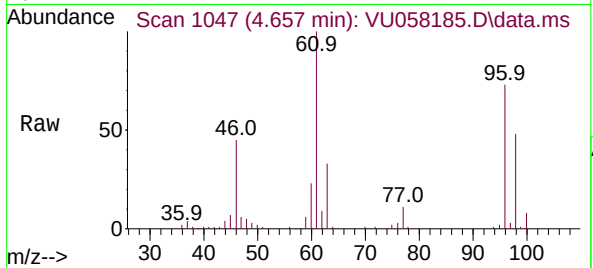




#22
 cis-1,2-Dichloroethene
 Concen: 9.207 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. -0.000 min
 Lab File: VU058185.D
 Acq: 21 Mar 2024 14:32

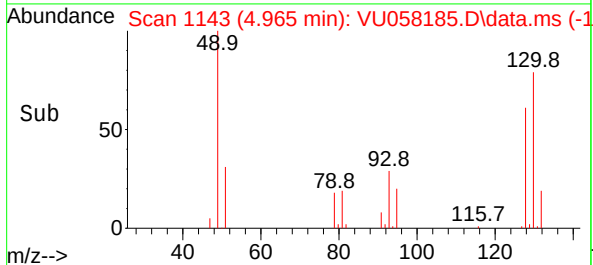
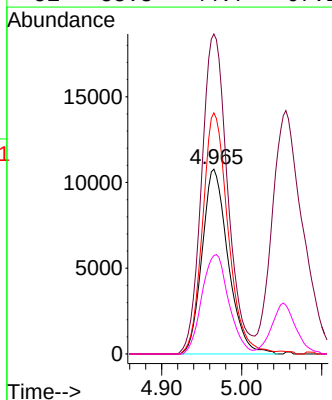
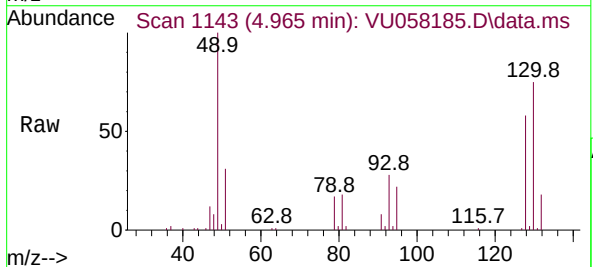
Instrument :
 MSVOA_U
 ClientSampleId :

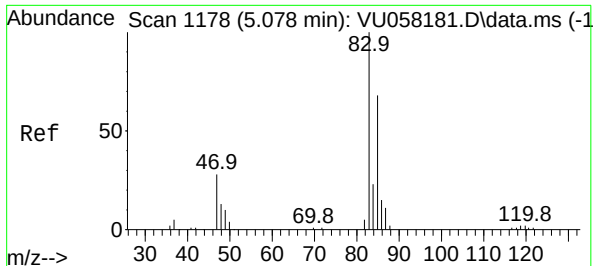
Tgt Ion: 96 Resp: 61461
 Ion Ratio Lower Upper
 96 100
 61 137.0 92.8 172.4
 98 65.9 43.2 80.2



#23
 Bromochloromethane
 Concen: 9.765 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. -0.003 min
 Lab File: VU058185.D
 Acq: 21 Mar 2024 14:32

Tgt Ion: 128 Resp: 24308
 Ion Ratio Lower Upper
 128 100
 49 173.1 125.0 232.2
 130 130.5 92.3 171.5
 51 53.3 44.7 67.1





#25

Chloroform

Concen: 9.240 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU058185.D

Acq: 21 Mar 2024 14:32

Instrument :

MSVOA_U

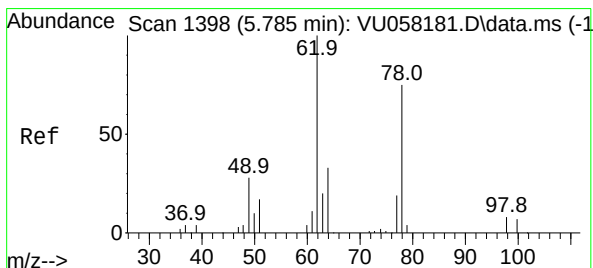
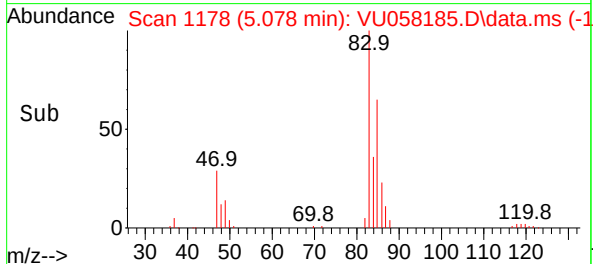
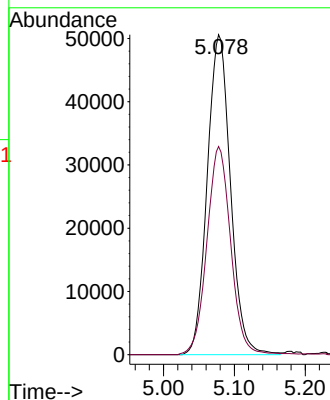
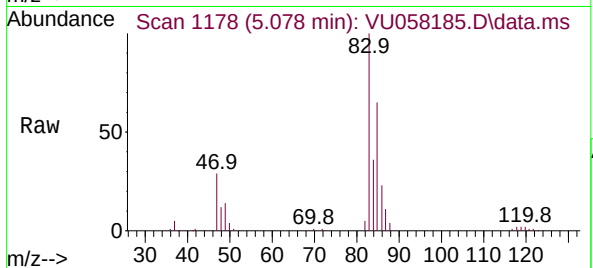
ClientSampleId :

Tgt Ion: 83 Resp: 115162

Ion Ratio Lower Upper

83 100

85 65.0 47.9 88.9



#27

1,2-Dichloroethane

Concen: 9.498 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VU058185.D

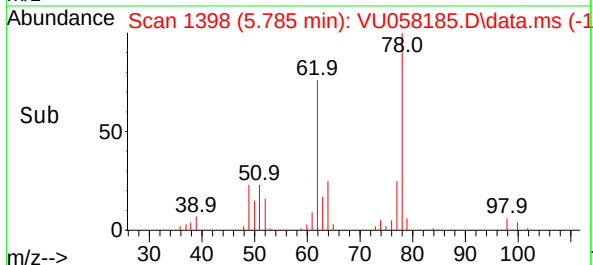
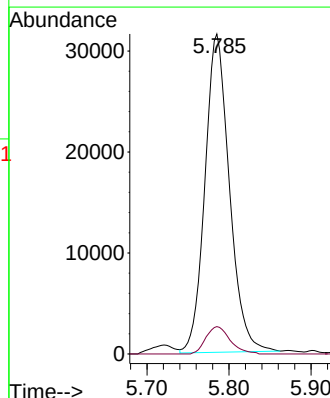
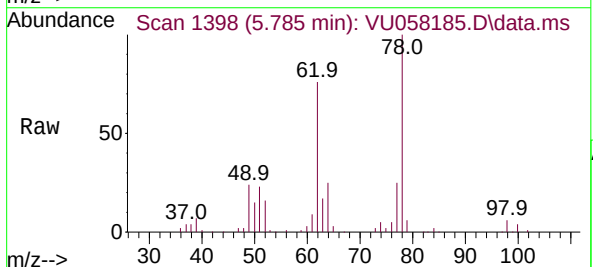
Acq: 21 Mar 2024 14:32

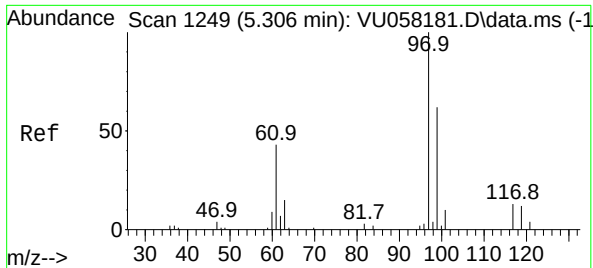
Tgt Ion: 62 Resp: 65469

Ion Ratio Lower Upper

62 100

98 8.5 6.6 10.0

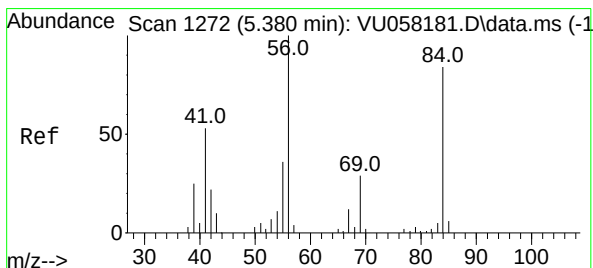
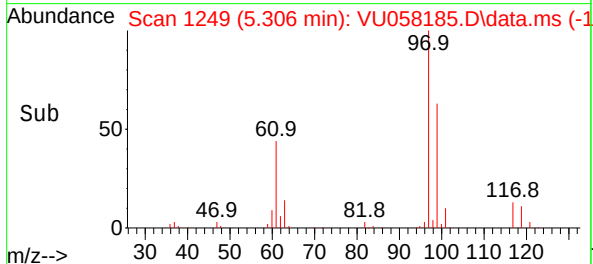
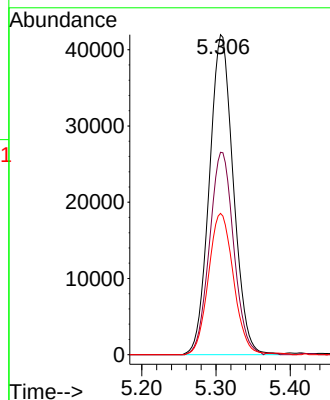
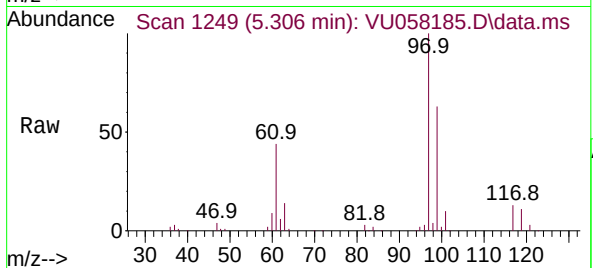




#29
1,1,1-Trichloroethane
Concen: 8.903 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU058185.D
Acq: 21 Mar 2024 14:32

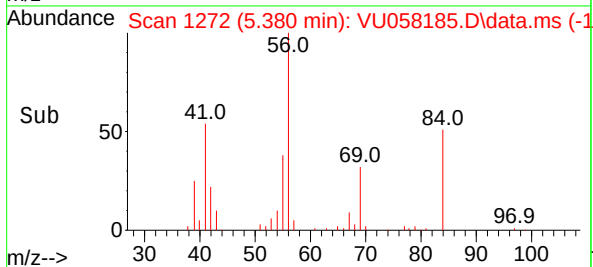
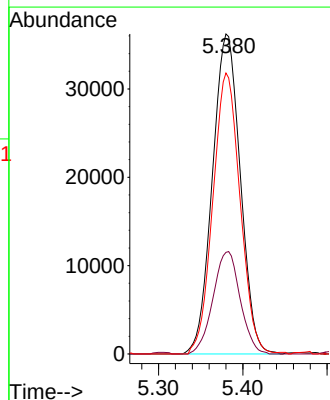
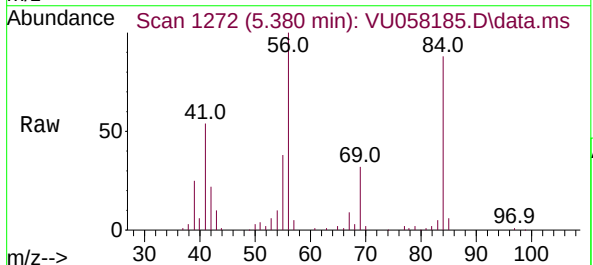
Instrument :
MSVOA_U
ClientSampleId :

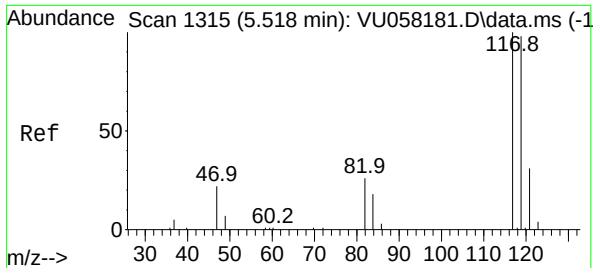
Tgt Ion:	97	Resp:	94140
Ion	Ratio	Lower	Upper
97	100		
99	63.9	50.5	75.7
61	46.2	36.3	54.5



#30
Cyclohexane
Concen: 8.048 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU058185.D
Acq: 21 Mar 2024 14:32

Tgt Ion:	56	Resp:	83184
Ion	Ratio	Lower	Upper
56	100		
69	31.1	24.2	36.2
84	85.6	69.7	104.5

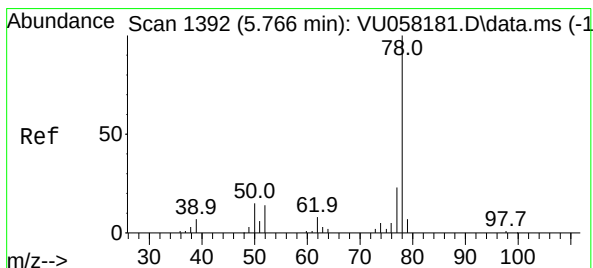
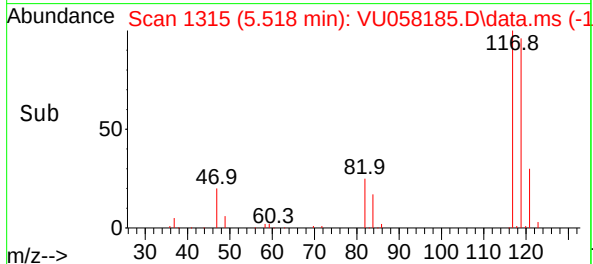
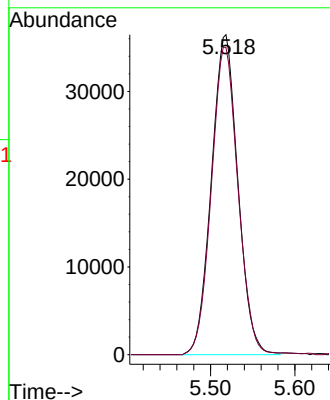
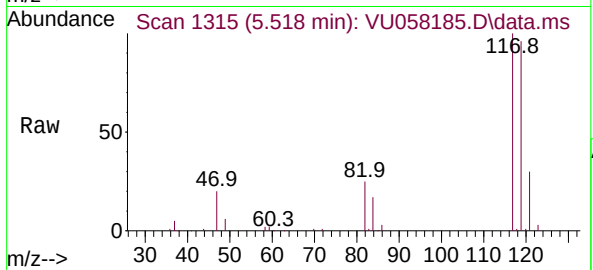




#31
Carbon tetrachloride
Concen: 8.744 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU058185.D
Acq: 21 Mar 2024 14:32

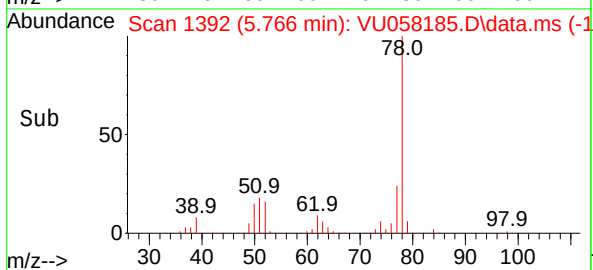
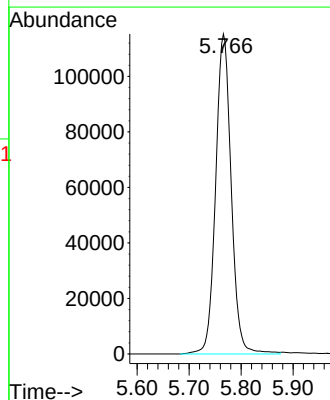
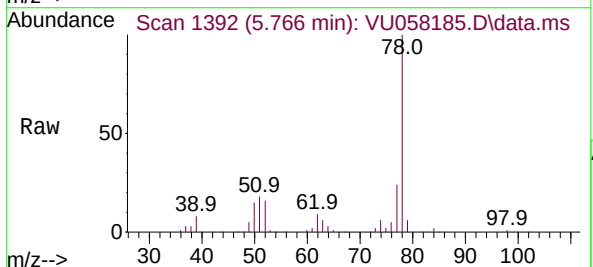
Instrument :
MSVOA_U
ClientSampleId :

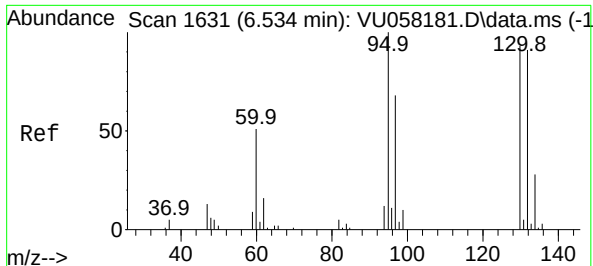
Tgt Ion:117 Resp: 79520
Ion Ratio Lower Upper
117 100
119 97.0 78.1 117.1



#33
Benzene
Concen: 8.839 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU058185.D
Acq: 21 Mar 2024 14:32

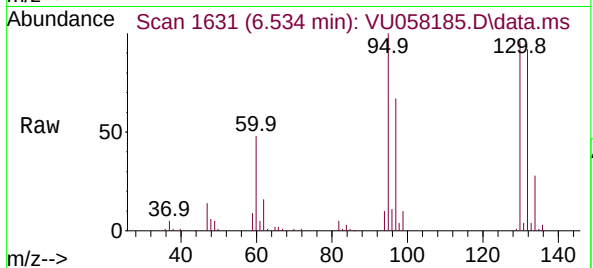
Tgt Ion: 78 Resp: 240214



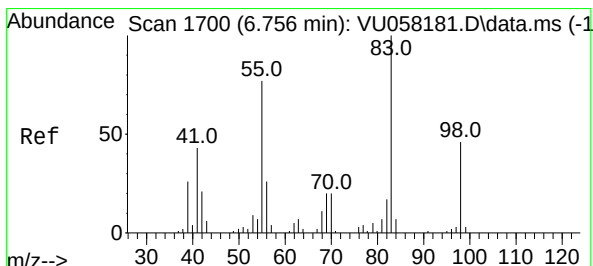
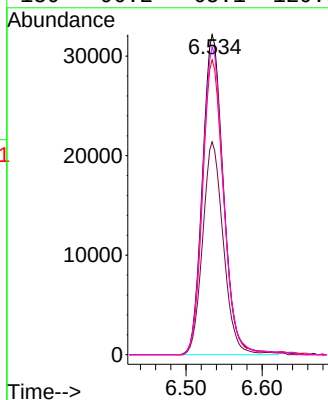
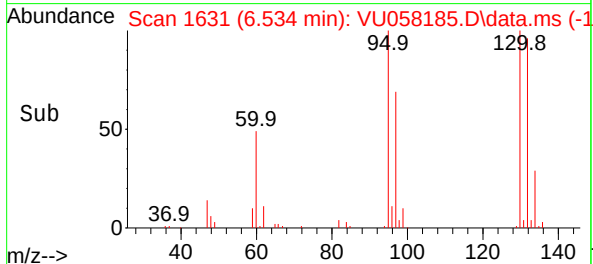


#34
Trichloroethene
Concen: 8.604 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VU058185.D
Acq: 21 Mar 2024 14:32

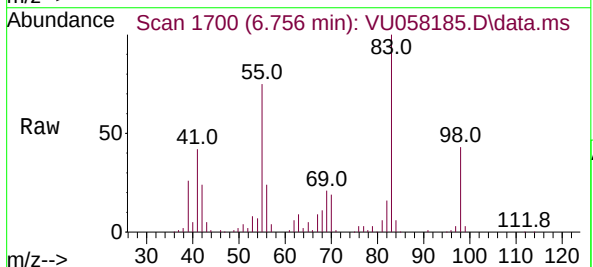
Instrument :
MSVOA_U
ClientSampleId :



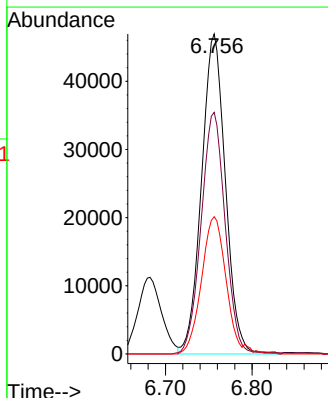
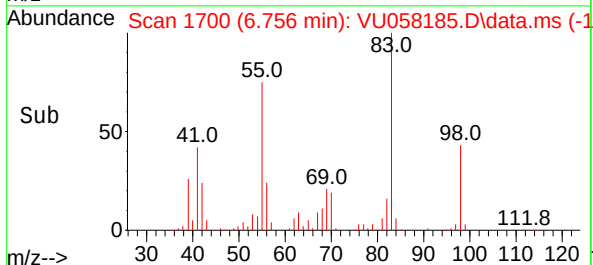
Tgt Ion: 95 Resp: 61536
Ion Ratio Lower Upper
95 100
97 66.5 47.7 88.7
132 92.1 63.6 118.2
130 96.2 65.1 120.9

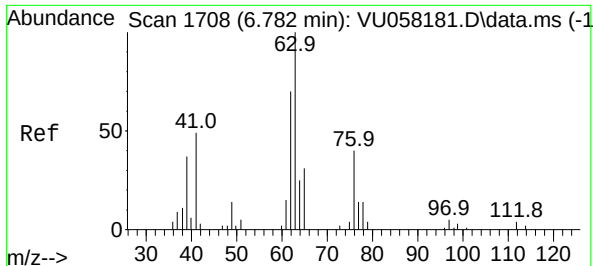


#35
Methylcyclohexane
Concen: 8.404 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU058185.D
Acq: 21 Mar 2024 14:32



Tgt Ion: 83 Resp: 89768
Ion Ratio Lower Upper
83 100
55 76.1 62.7 94.1
98 44.5 37.3 55.9

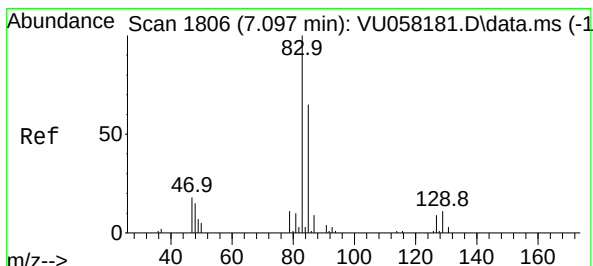
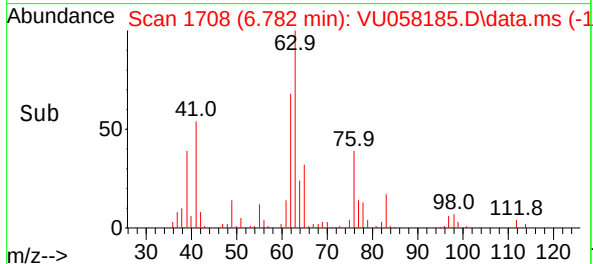
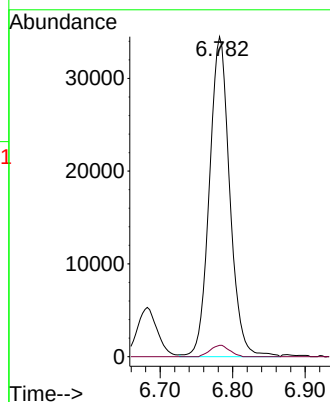
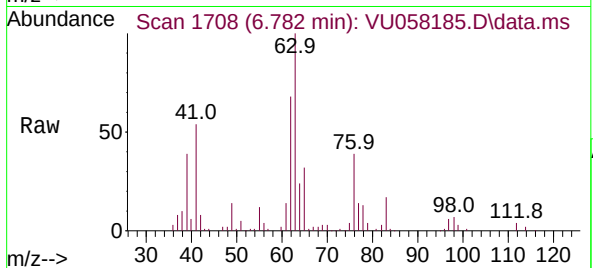




#37
1,2-Dichloropropane
Concen: 9.510 ug/L
RT: 6.782 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU058185.D
Acq: 21 Mar 2024 14:32

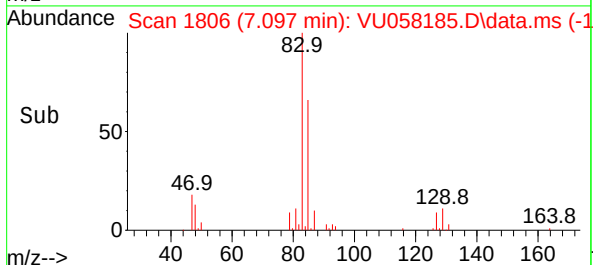
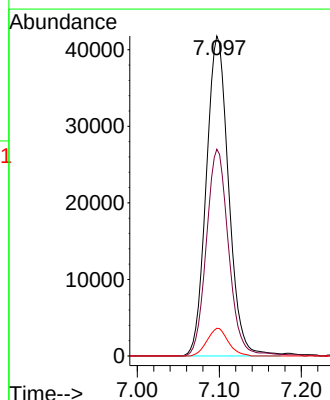
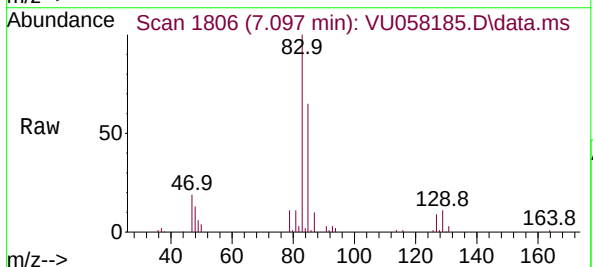
Instrument :
MSVOA_U
ClientSampleId :

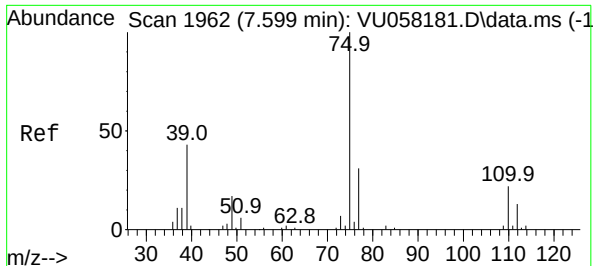
Tgt Ion: 63 Resp: 67213
Ion Ratio Lower Upper
63 100
112 3.4 2.7 4.1



#38
Bromodichloromethane
Concen: 9.280 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU058185.D
Acq: 21 Mar 2024 14:32

Tgt Ion: 83 Resp: 79030
Ion Ratio Lower Upper
83 100
85 64.6 45.6 84.8
127 8.6 7.1 10.7

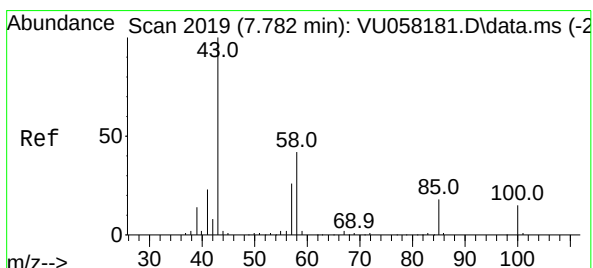
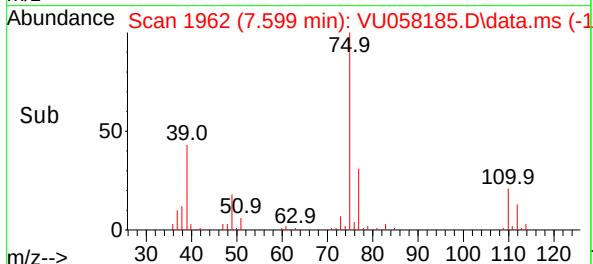
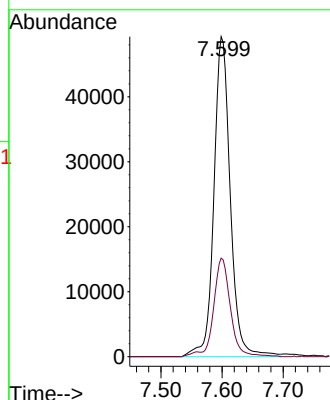
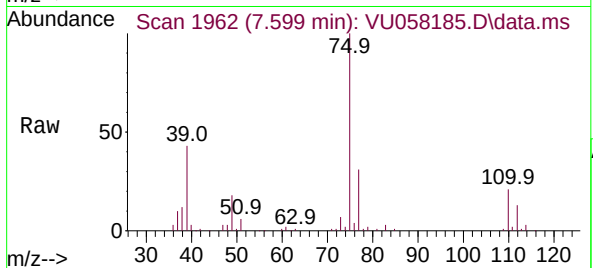




#39
 cis-1,3-Dichloropropene
 Concen: 9.538 ug/L
 RT: 7.599 min Scan# 1962
 Delta R.T. -0.000 min
 Lab File: VU058185.D
 Acq: 21 Mar 2024 14:32

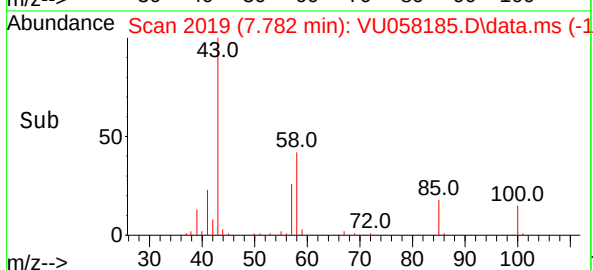
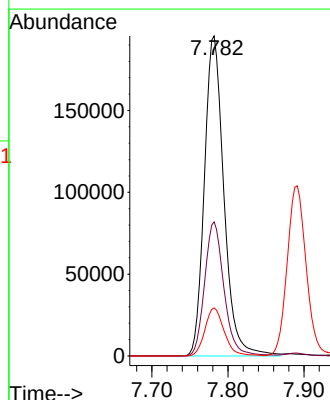
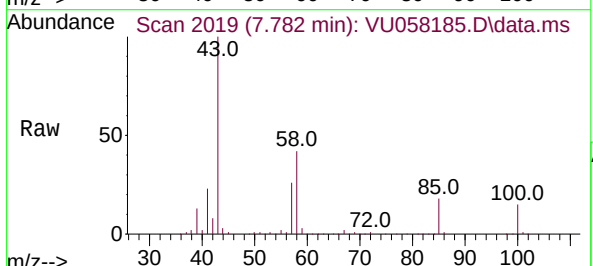
Instrument :
 MSVOA_U
 ClientSampleId :

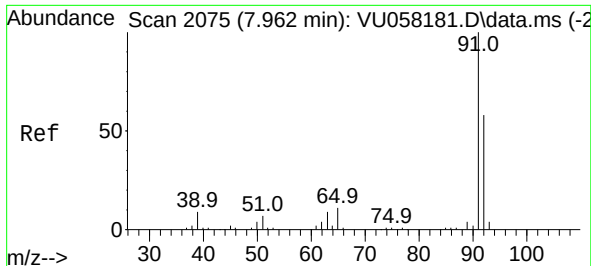
Tgt Ion: 75 Resp: 91794
 Ion Ratio Lower Upper
 75 100
 77 30.8 21.4 39.8



#40
 4-Methyl-2-pentanone
 Concen: 106.580 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VU058185.D
 Acq: 21 Mar 2024 14:32

Tgt Ion: 43 Resp: 348928
 Ion Ratio Lower Upper
 43 100
 58 41.5 33.2 49.8
 100 14.8 11.5 17.3





#42

Toluene

Concen: 9.060 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU058185.D

Acq: 21 Mar 2024 14:32

Instrument :

MSVOA_U

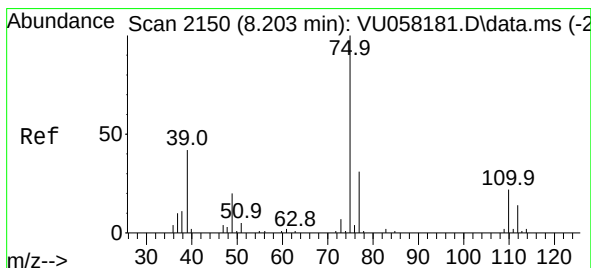
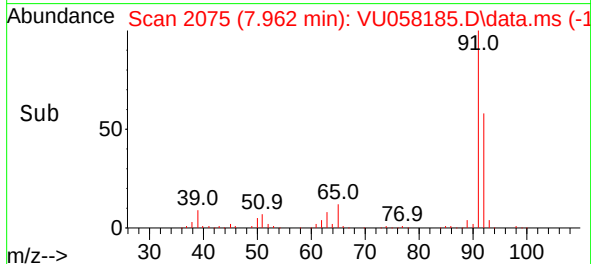
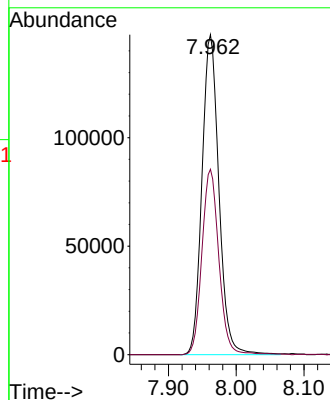
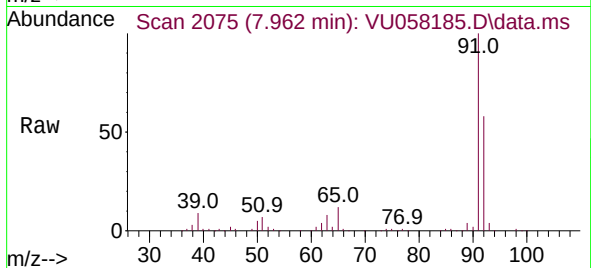
ClientSampleId :

Tgt Ion: 91 Resp: 255555

Ion Ratio Lower Upper

91 100

92 57.9 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 9.814 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU058185.D

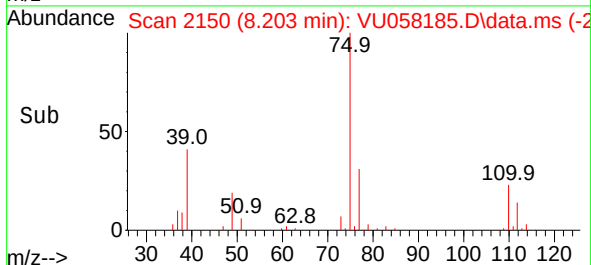
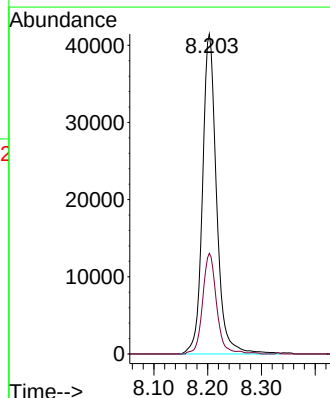
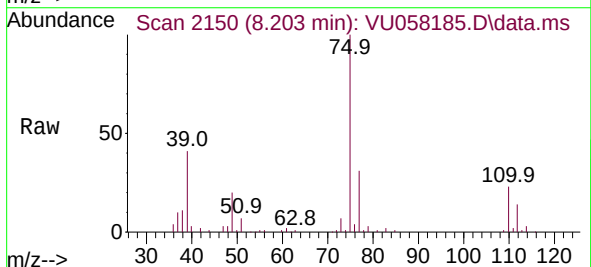
Acq: 21 Mar 2024 14:32

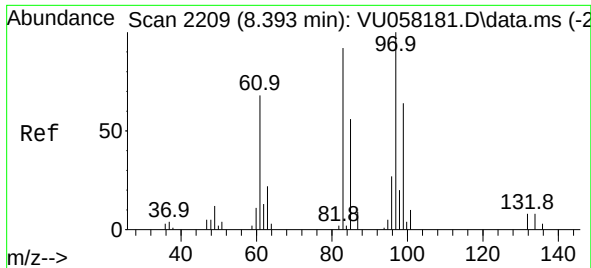
Tgt Ion: 75 Resp: 75349

Ion Ratio Lower Upper

75 100

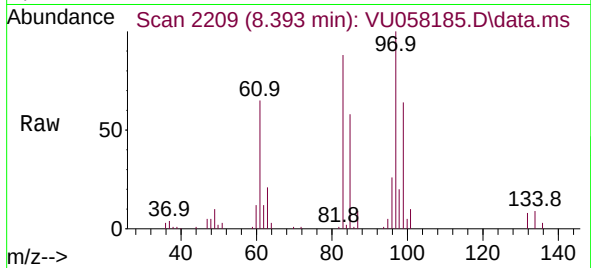
77 31.4 21.7 40.3



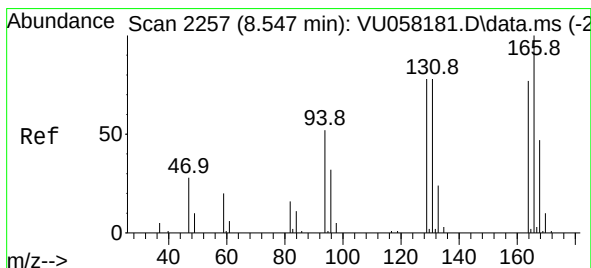
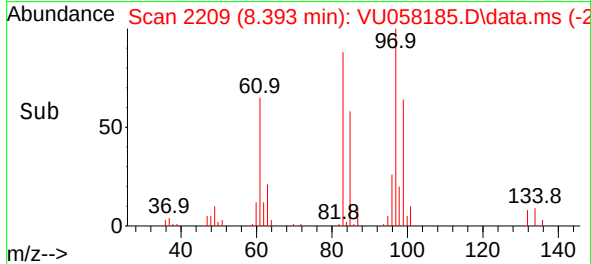
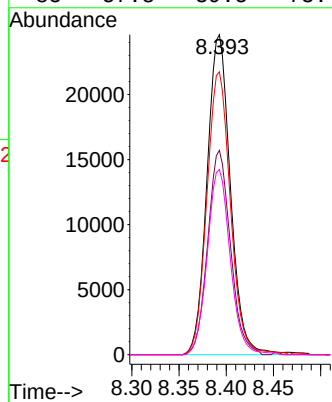


#45
1,1,2-Trichloroethane
Concen: 9.974 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU058185.D
Acq: 21 Mar 2024 14:32

Instrument :
MSVOA_U
ClientSampleId :

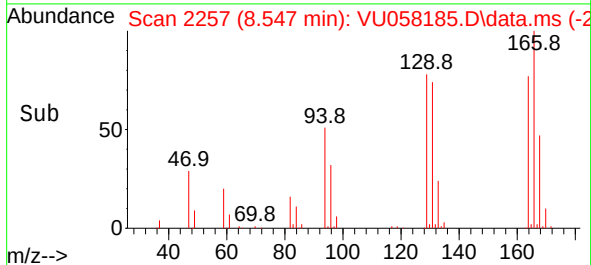
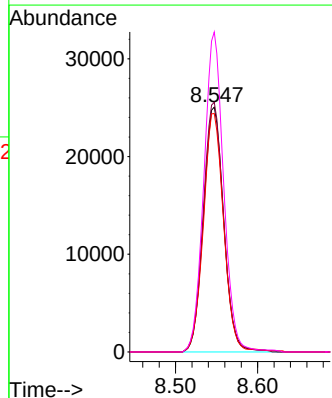
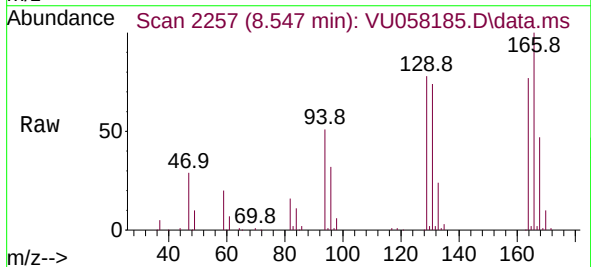


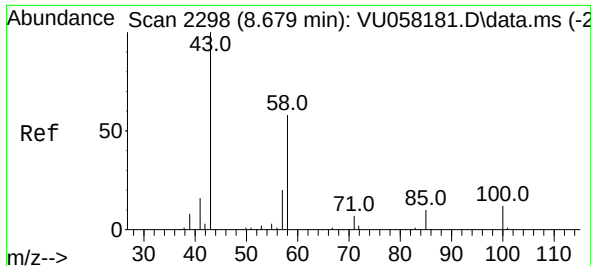
Tgt Ion: 97	Resp: 42207
Ion Ratio	Lower Upper
97 100	
99 63.8	44.5 82.7
83 88.4	64.1 119.1
85 57.8	39.5 73.4



#47
Tetrachloroethene
Concen: 8.728 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU058185.D
Acq: 21 Mar 2024 14:32

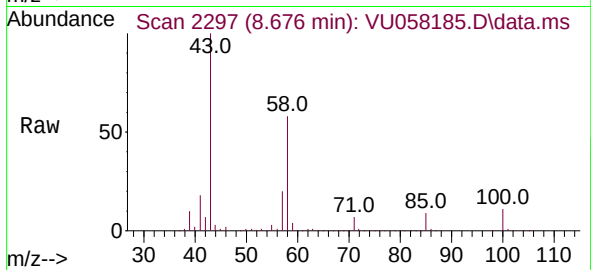
Tgt	Ion:164	Resp:	43148
Ion	Ratio	Lower	Upper
164	100		
129	101.9	71.3	132.3
131	97.4	70.8	131.4
166	130.7	90.9	168.9



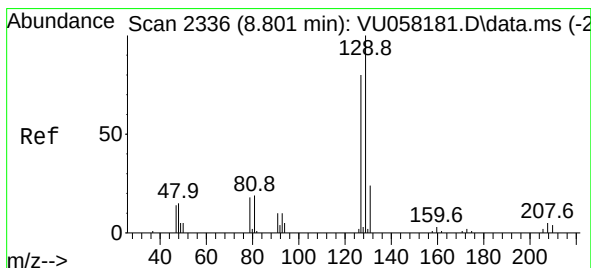
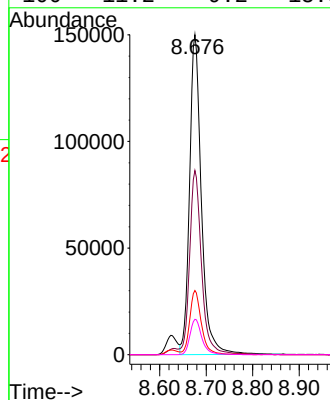
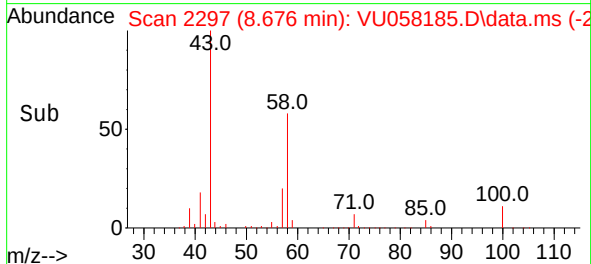


#48
2-Hexanone
Concen: 110.645 ug/L
RT: 8.676 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU058185.D
Acq: 21 Mar 2024 14:32

Instrument :
MSVOA_U
ClientSampleId :

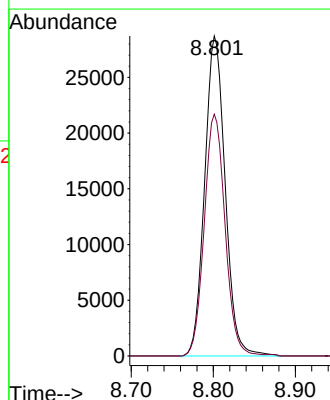
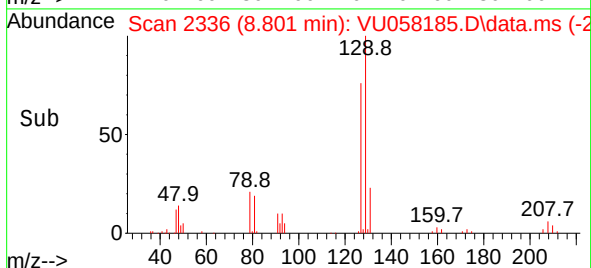
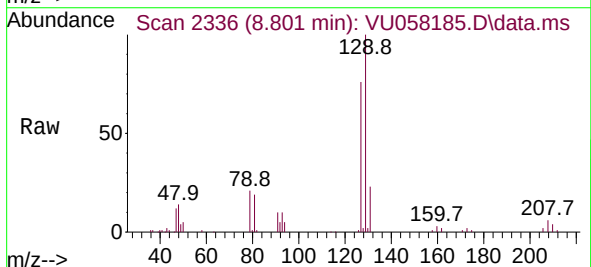


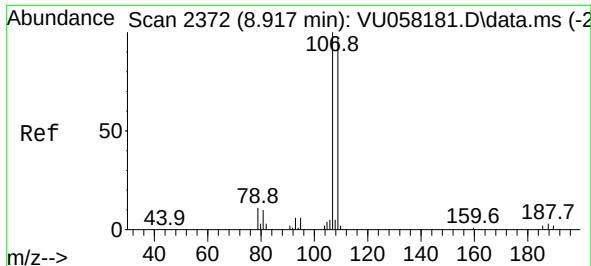
Tgt Ion: 43 Resp: 264919
Ion Ratio Lower Upper
43 100
58 56.9 48.3 72.5
57 19.5 16.3 24.5
100 11.2 9.2 13.8



#49
Dibromochloromethane
Concen: 10.087 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU058185.D
Acq: 21 Mar 2024 14:32

Tgt Ion: 129 Resp: 49878
Ion Ratio Lower Upper
129 100
127 75.5 55.7 103.5





#50

1,2-Dibromoethane

Concen: 10.074 ug/L

RT: 8.917 min Scan# 2372

Delta R.T. -0.000 min

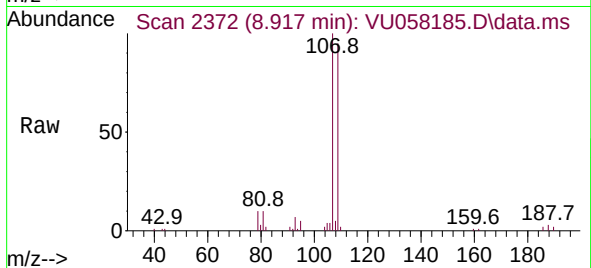
Lab File: VU058185.D

Acq: 21 Mar 2024 14:32

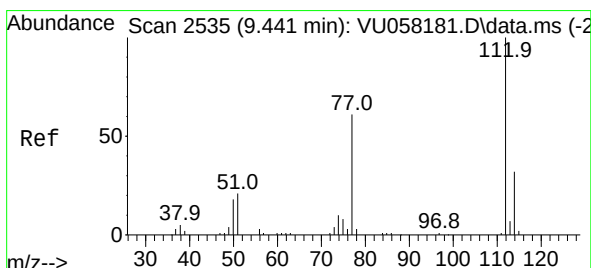
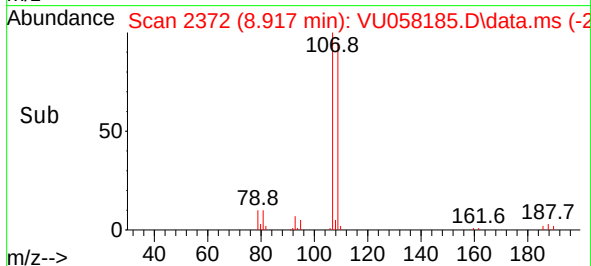
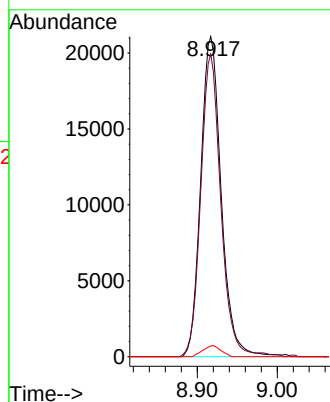
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	107	Resp:	37617
Ion Ratio	Lower	Upper	
107	100		
109	94.5	67.8	125.8
188	3.4	2.5	3.7



#51

Chlorobenzene

Concen: 9.061 ug/L

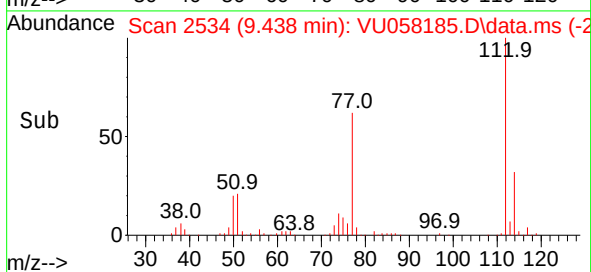
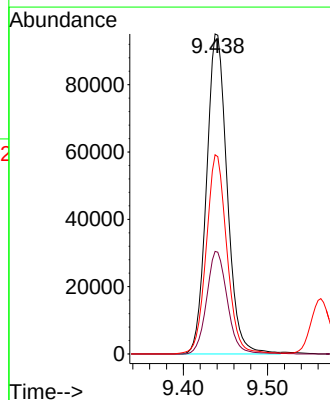
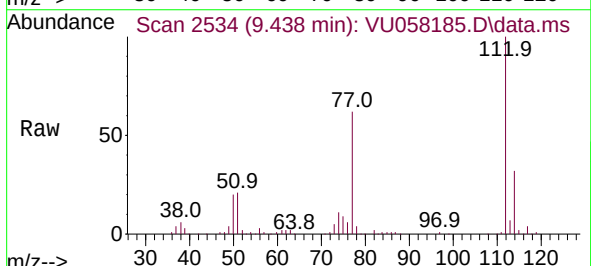
RT: 9.438 min Scan# 2534

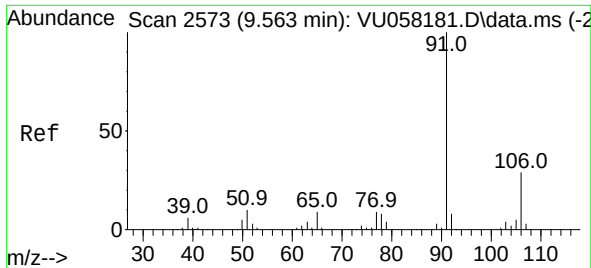
Delta R.T. -0.003 min

Lab File: VU058185.D

Acq: 21 Mar 2024 14:32

Tgt Ion:	112	Resp:	161988
Ion Ratio	Lower	Upper	
112	100		
114	32.1	22.7	42.3
77	62.2	48.9	73.3

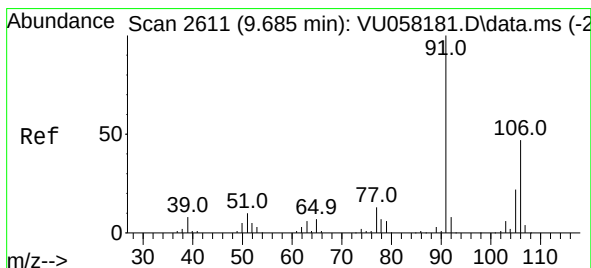
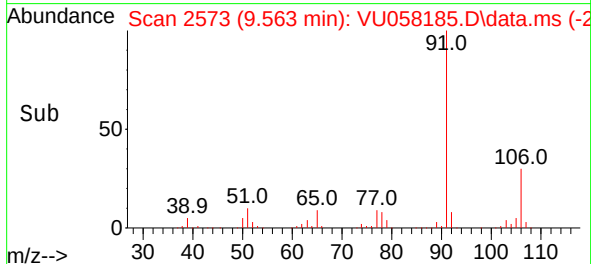
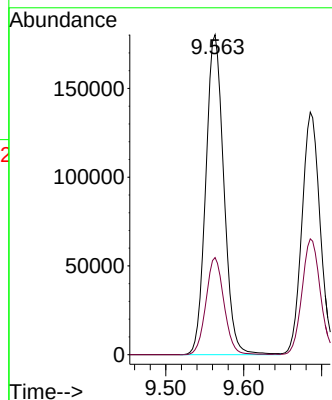
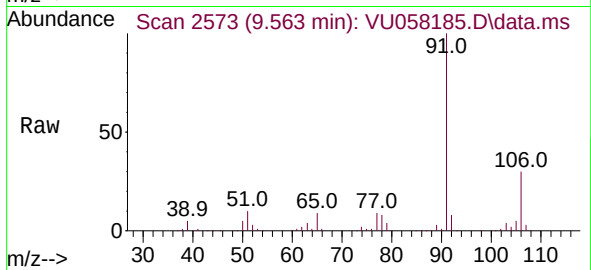




#52
Ethylbenzene
Concen: 9.178 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU058185.D
Acq: 21 Mar 2024 14:32

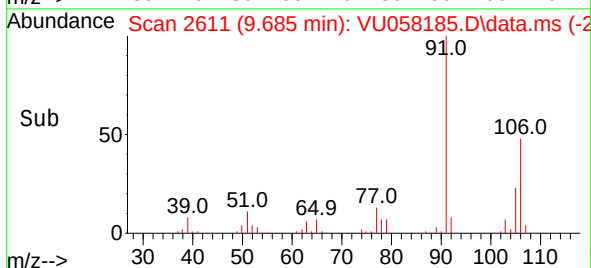
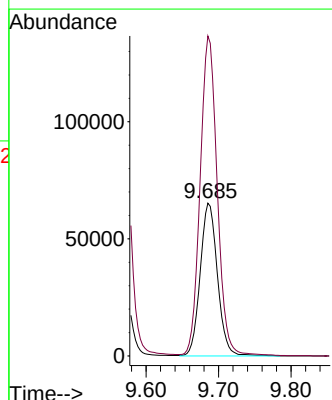
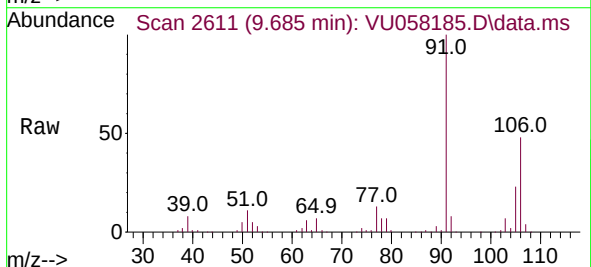
Instrument :
MSVOA_U
ClientSampleId :

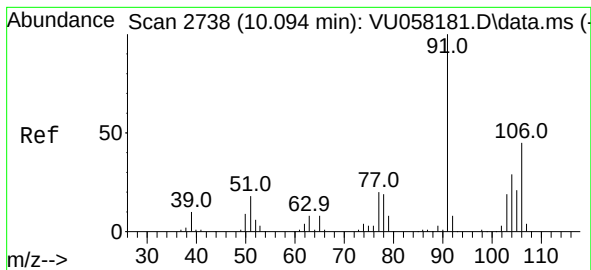
Tgt Ion: 91 Resp: 290402
Ion Ratio Lower Upper
91 100
106 30.4 20.6 38.2



#53
m,p-Xylene
Concen: 9.571 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU058185.D
Acq: 21 Mar 2024 14:32

Tgt Ion:106 Resp: 107857
Ion Ratio Lower Upper
106 100
91 209.3 151.0 280.4





#54

o-Xylene

Concen: 9.404 ug/L

RT: 10.094 min Scan# 2738

Delta R.T. -0.000 min

Lab File: VU058185.D

Acq: 21 Mar 2024 14:32

Instrument :

MSVOA_U

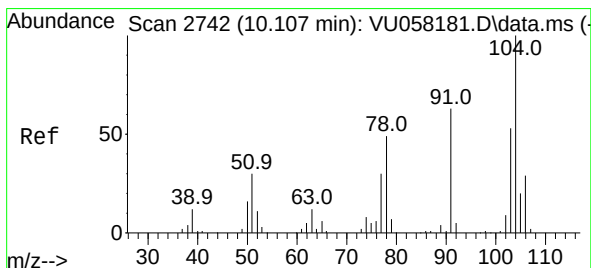
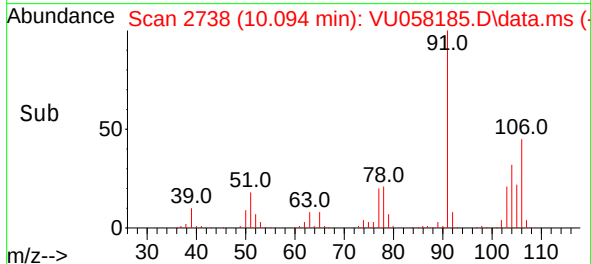
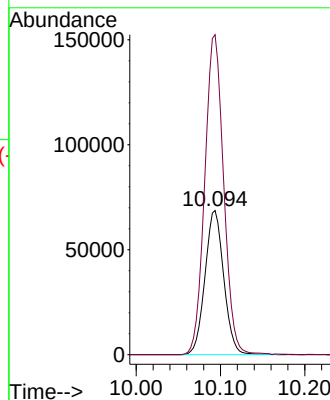
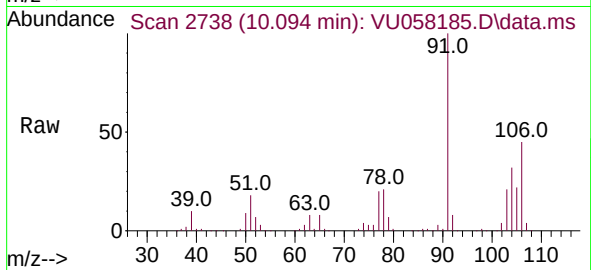
ClientSampleId :

Tgt Ion:106 Resp: 106691

Ion Ratio Lower Upper

106 100

91 222.0 154.3 286.7



#55

Styrene

Concen: 9.960 ug/L

RT: 10.106 min Scan# 2742

Delta R.T. -0.000 min

Lab File: VU058185.D

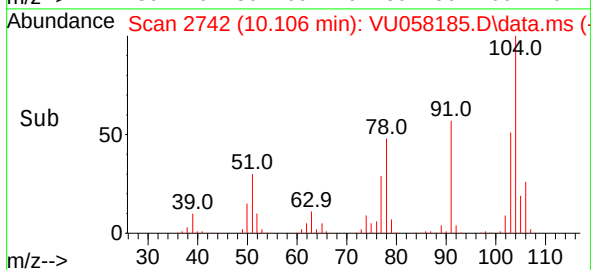
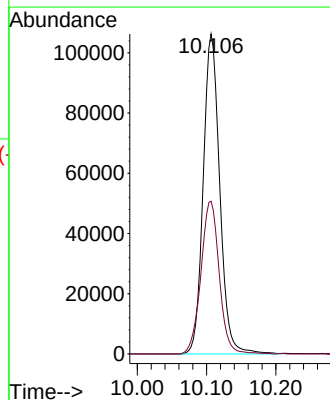
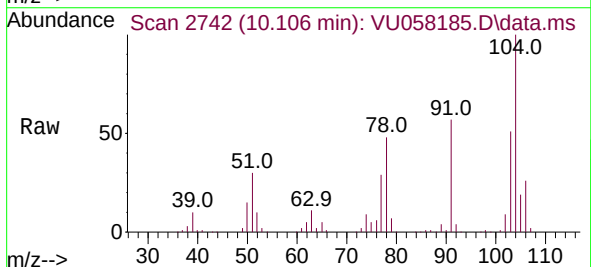
Acq: 21 Mar 2024 14:32

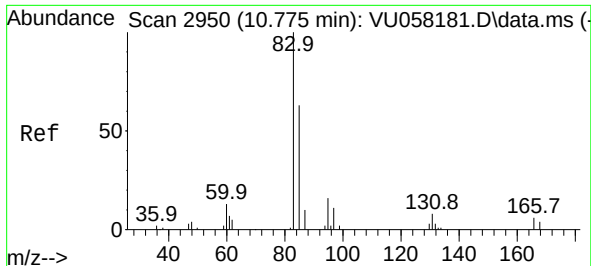
Tgt Ion:104 Resp: 176063

Ion Ratio Lower Upper

104 100

78 47.8 34.5 64.1





#57

1,1,2,2-Tetrachloroethane

Concen: 10.028 ug/L

RT: 10.772 min Scan# 2950

Delta R.T. -0.003 min

Lab File: VU058185.D

Acq: 21 Mar 2024 14:32

Instrument :

MSVOA_U

ClientSampleId :

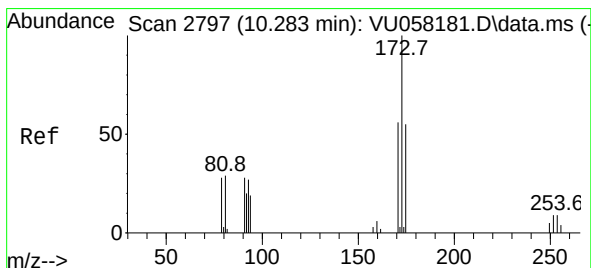
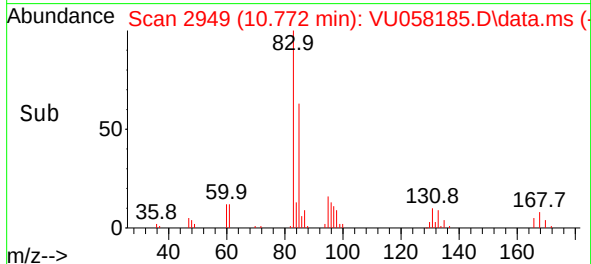
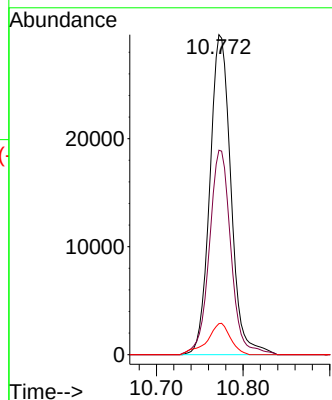
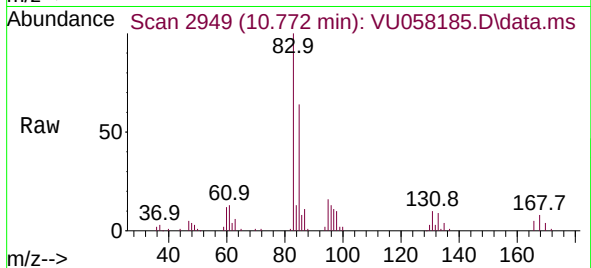
Tgt Ion: 83 Resp: 50044

Ion Ratio Lower Upper

83 100

85 63.9 44.7 82.9

131 9.7 7.0 10.6



#59

Bromoform

Concen: 9.642 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.000 min

Lab File: VU058185.D

Acq: 21 Mar 2024 14:32

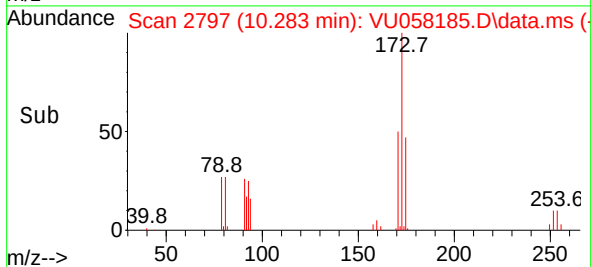
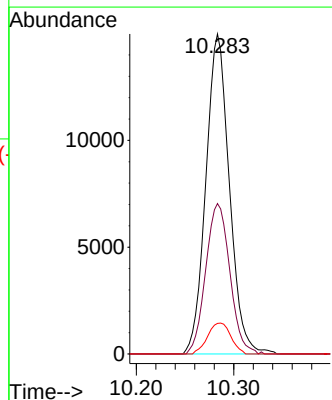
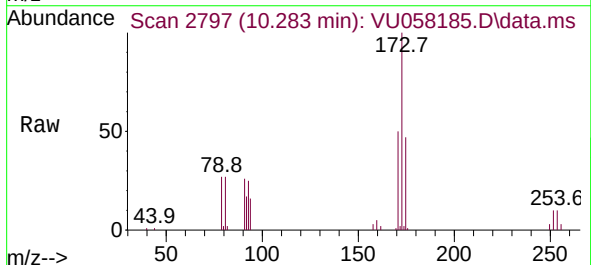
Tgt Ion:173 Resp: 25134

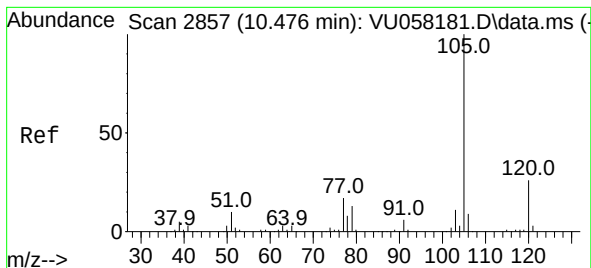
Ion Ratio Lower Upper

173 100

175 48.2 40.9 61.3

254 9.5 5.8 8.8#





#60

Isopropylbenzene

Concen: 8.923 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU058185.D

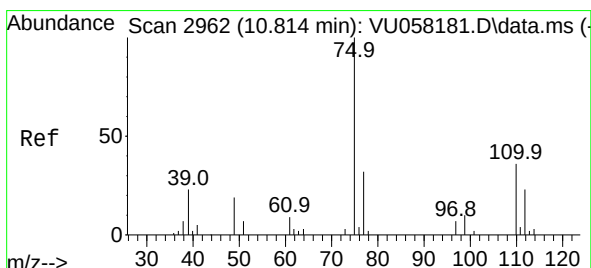
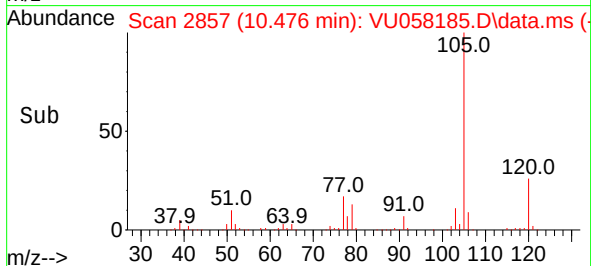
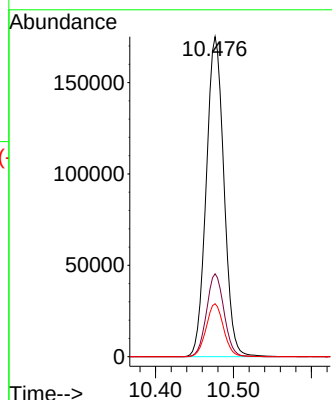
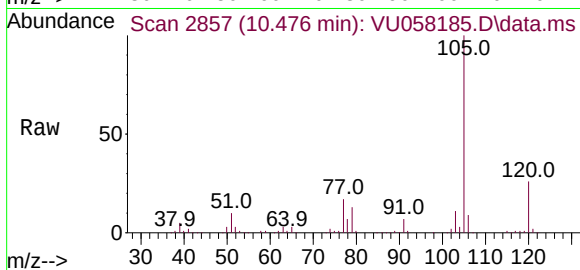
Acq: 21 Mar 2024 14:32

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	105	Resp:	275595
Ion Ratio	Lower	Upper	
105	100		
120	25.7	20.5	30.7
77	16.4	13.2	19.8



#61

1,2,3-Trichloropropane

Concen: 9.759 ug/L

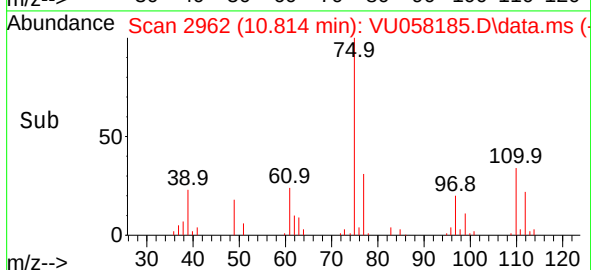
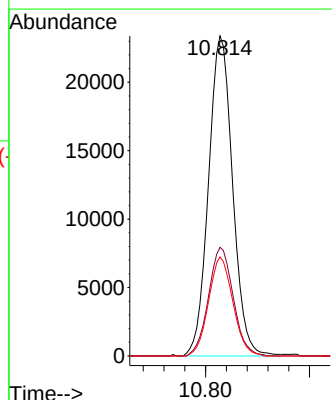
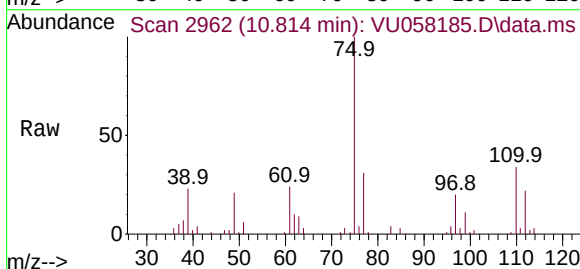
RT: 10.814 min Scan# 2962

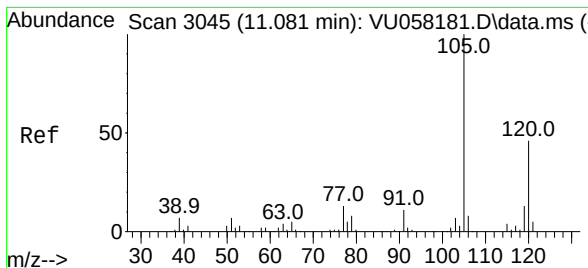
Delta R.T. -0.000 min

Lab File: VU058185.D

Acq: 21 Mar 2024 14:32

Tgt Ion:	75	Resp:	37609
Ion Ratio	Lower	Upper	
75	100		
110	34.8	28.1	42.1
77	31.1	25.1	37.7

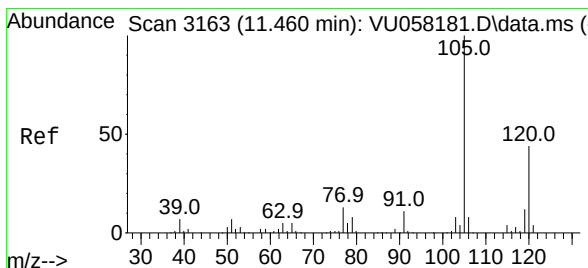
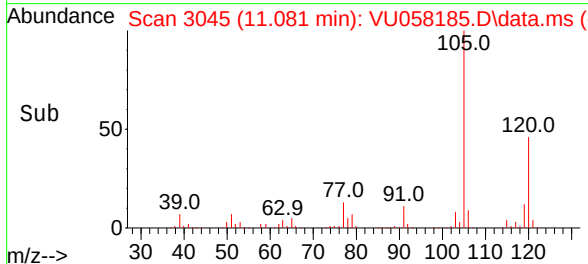
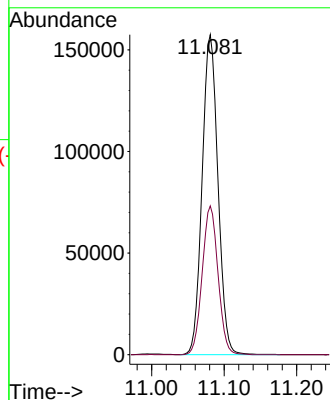
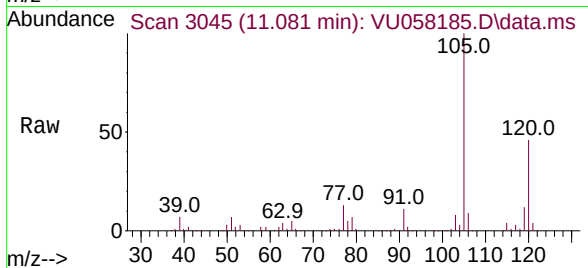




#62
1,3,5-Trimethylbenzene
Concen: 9.176 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VU058185.D
Acq: 21 Mar 2024 14:32

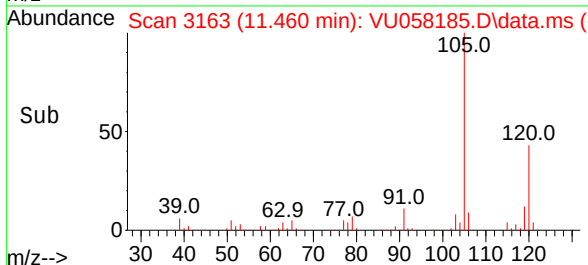
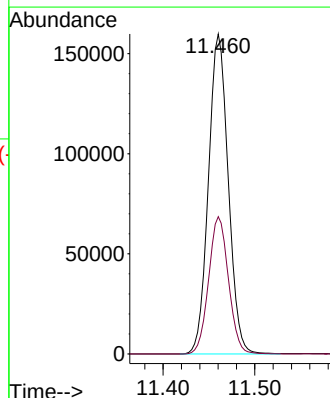
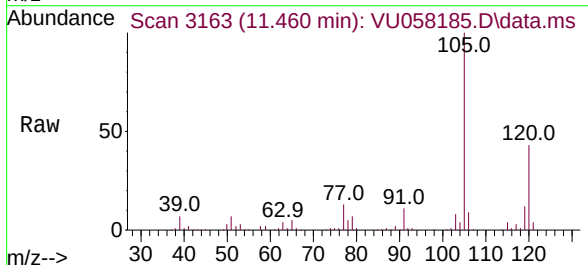
Instrument :
MSVOA_U
ClientSampleId :

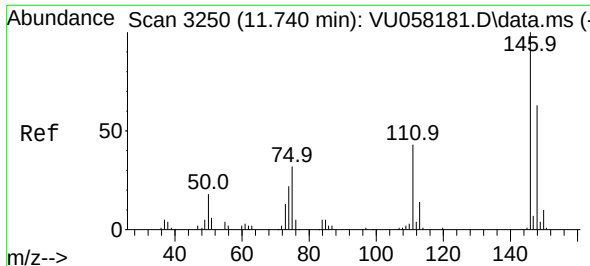
Tgt Ion:105 Resp: 238945
Ion Ratio Lower Upper
105 100
120 46.4 36.7 55.1



#63
1,2,4-Trimethylbenzene
Concen: 9.357 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VU058185.D
Acq: 21 Mar 2024 14:32

Tgt Ion:105 Resp: 239737
Ion Ratio Lower Upper
105 100
120 42.9 35.9 53.9





#64

1,3-Dichlorobenzene

Concen: 9.015 ug/L

RT: 11.740 min Scan# 31

Delta R.T. -0.000 min

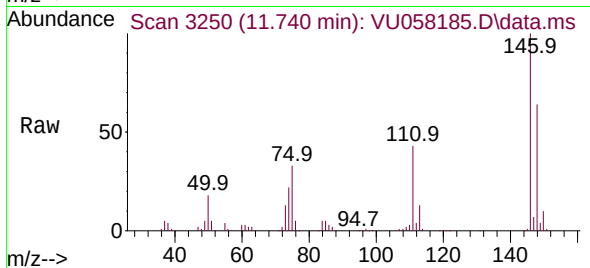
Lab File: VU058185.D

Acq: 21 Mar 2024 14:32

Instrument :

MSVOA_U

ClientSampleId :



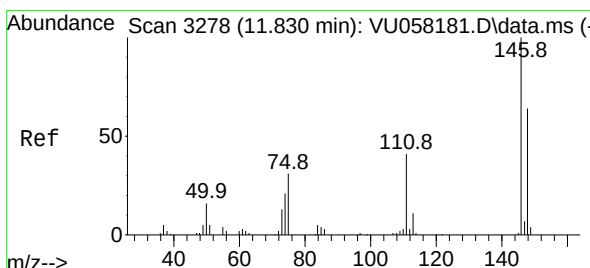
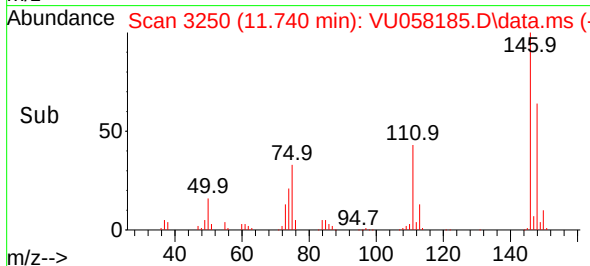
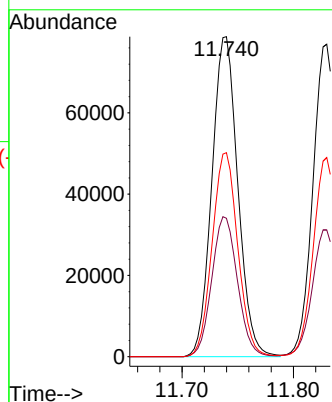
Tgt Ion:146 Resp: 127426

Ion Ratio Lower Upper

146 100

111 43.3 29.9 55.5

148 63.8 44.4 82.4



#65

1,4-Dichlorobenzene

Concen: 8.863 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.000 min

Lab File: VU058185.D

Acq: 21 Mar 2024 14:32

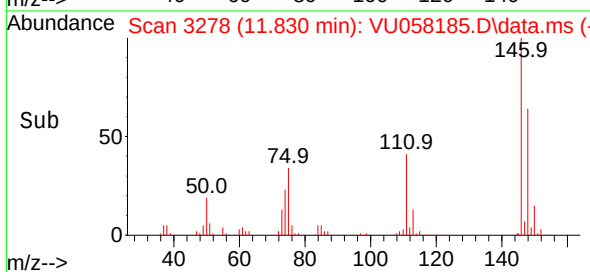
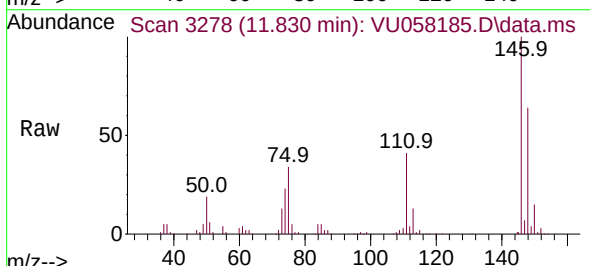
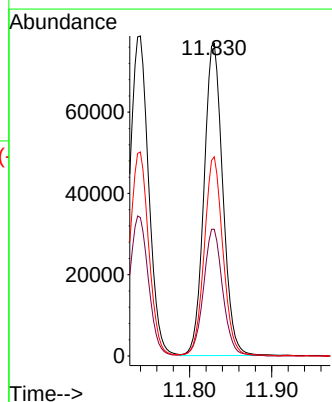
Tgt Ion:146 Resp: 122296

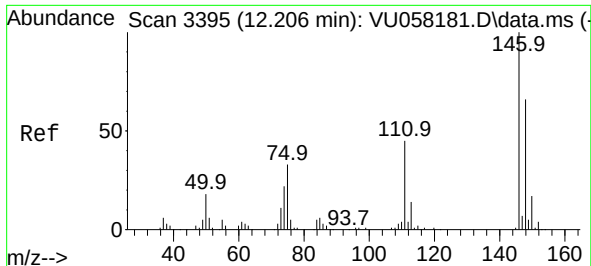
Ion Ratio Lower Upper

146 100

111 40.6 29.0 53.8

148 63.8 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 9.374 ug/L

RT: 12.203 min Scan# 3395

Delta R.T. -0.003 min

Lab File: VU058185.D

Acq: 21 Mar 2024 14:32

Instrument :

MSVOA_U

ClientSampleId :

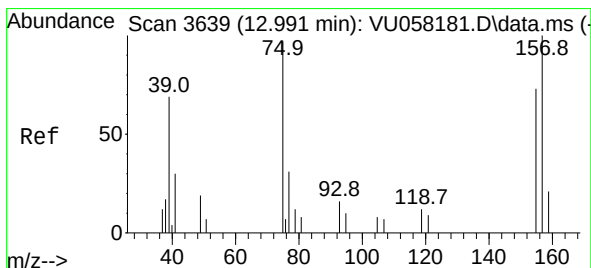
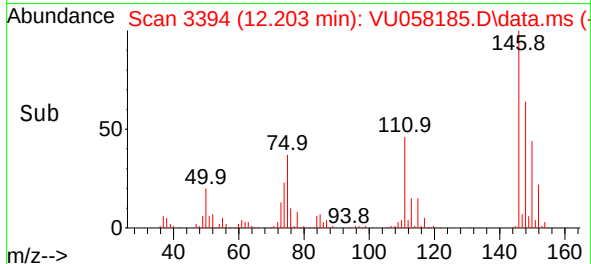
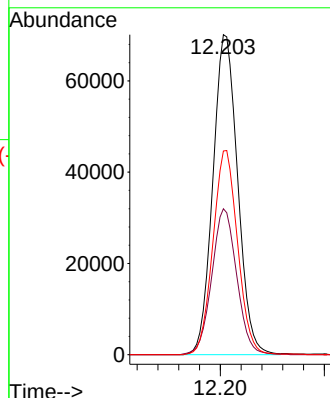
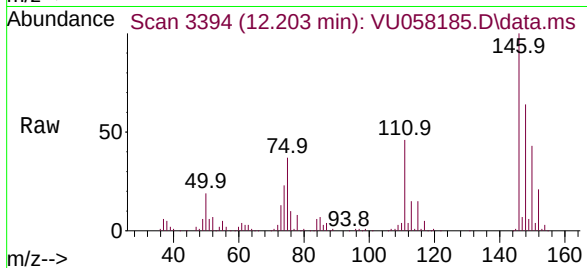
Tgt Ion:146 Resp: 116270

Ion Ratio Lower Upper

146 100

111 45.6 35.9 53.9

148 63.7 52.4 78.6



#68

1,2-Dibromo-3-chloropropane

Concen: 9.625 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU058185.D

Acq: 21 Mar 2024 14:32

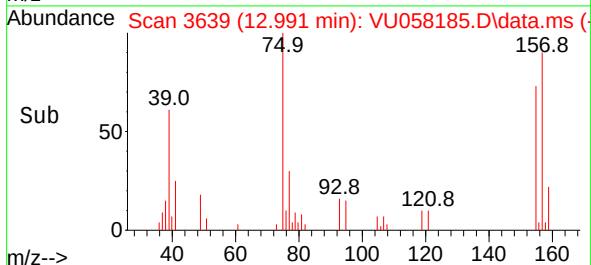
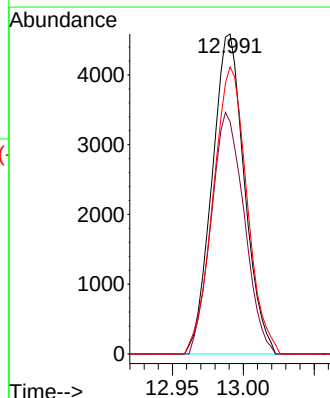
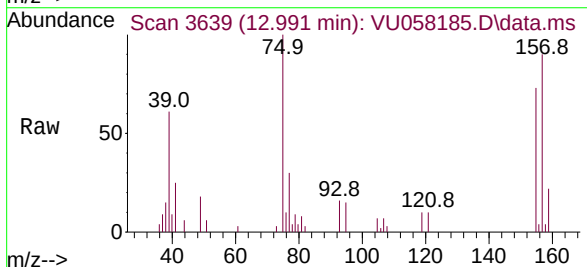
Tgt Ion: 75 Resp: 7298

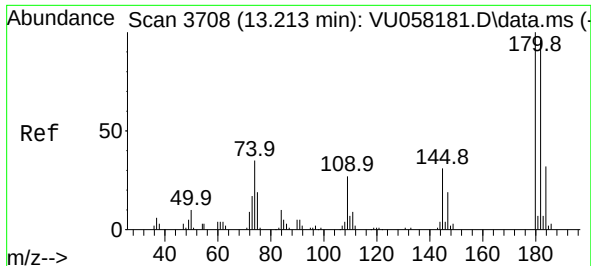
Ion Ratio Lower Upper

75 100

155 72.6 60.2 90.2

157 89.7 82.6 123.8





#69

1,3,5-Trichlorobenzene

Concen: 9.188 ug/L

RT: 13.212 min Scan# 3708

Delta R.T. -0.000 min

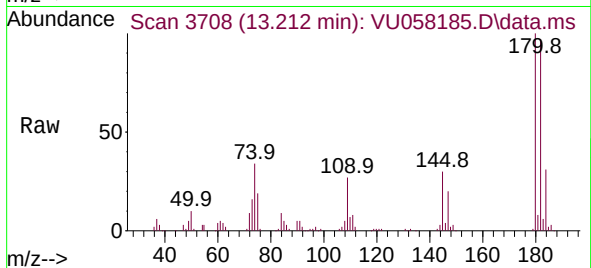
Lab File: VU058185.D

Acq: 21 Mar 2024 14:32

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 93120

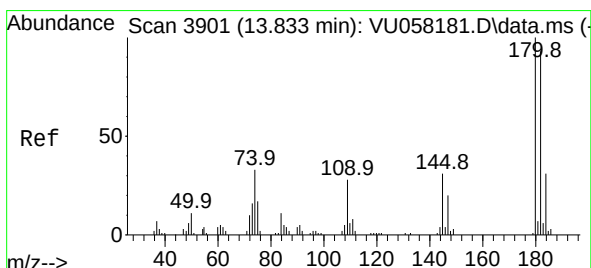
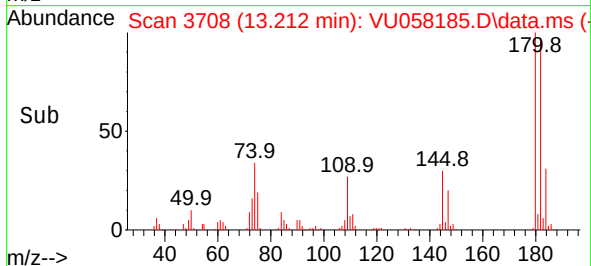
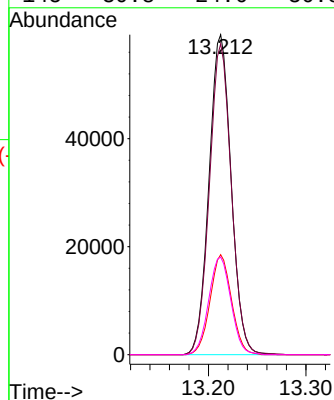
Ion Ratio Lower Upper

180 100

182 96.5 75.4 113.0

184 30.4 24.8 37.2

145 30.8 24.6 36.8



#70

1,2,4-trichlorobenzene

Concen: 9.889 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU058185.D

Acq: 21 Mar 2024 14:32

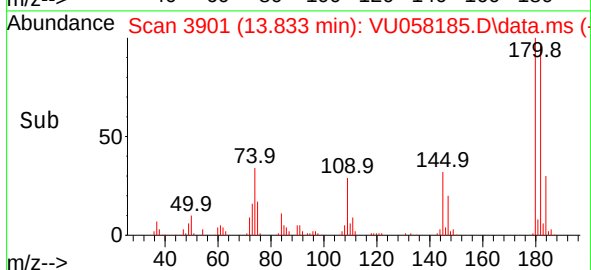
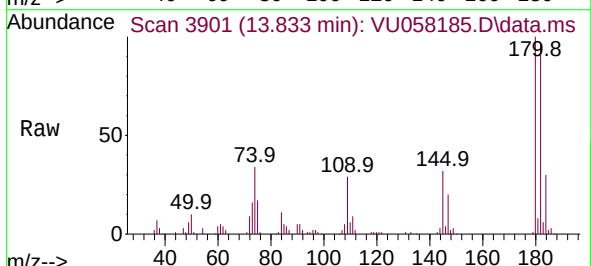
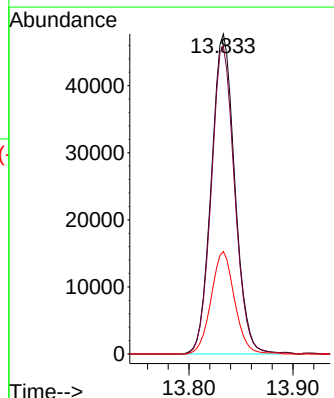
Tgt Ion:180 Resp: 74921

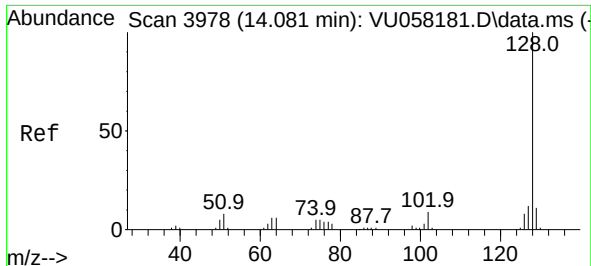
Ion Ratio Lower Upper

180 100

182 95.6 74.5 111.7

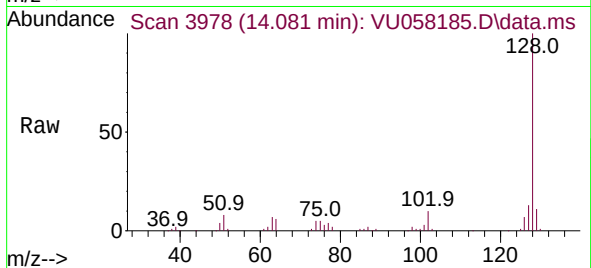
145 32.0 24.5 36.7



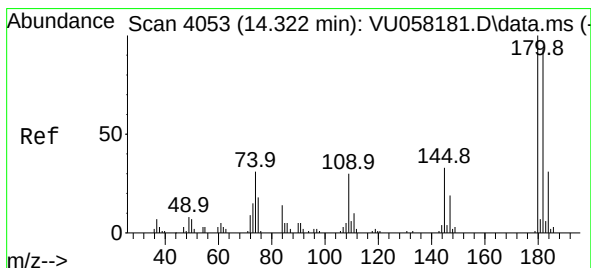
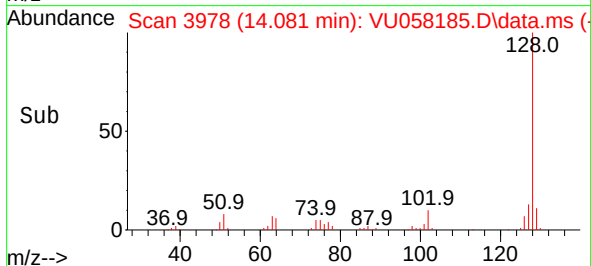
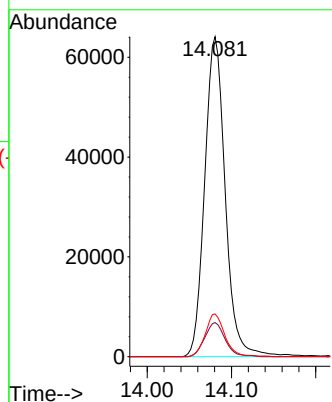


#71
Naphthalene
Concen: 10.503 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU058185.D
Acq: 21 Mar 2024 14:32

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 108669
Ion Ratio Lower Upper
128 100
129 10.6 8.1 12.1
127 12.7 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 10.095 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU058185.D
Acq: 21 Mar 2024 14:32

Tgt Ion:180 Resp: 61084
Ion Ratio Lower Upper
180 100
182 96.8 74.4 111.6
145 33.8 26.3 39.5

