

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082324\
 Data File : VU060511.D
 Acq On : 23 Aug 2024 13:31
 Operator : MD/SY
 Sample : VSTD01015
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 24 01:20:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 24 01:18:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	98177	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	100270	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	56207	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	43691	10.076	ug/L	0.00
7) Chloroethane-d5	1.911	69	64527	9.822	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	27977	10.947	ug/L	0.00
20) 2-Butanone-d5	4.628	46	168578	113.052	ug/L	0.00
24) Chloroform-d	5.055	84	134003	10.839	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	69289	10.741	ug/L	0.00
32) Benzene-d6	5.718	84	239951	10.944	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	75898	10.729	ug/L	0.00
41) Toluene-d8	7.891	98	225636	10.969	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	29116	11.502	ug/L	0.00
46) 2-Hexanone-d5	8.627	63	182747	150.776	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	66007	10.486	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	88161	10.638	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	111162	9.978	ug/L	99
3) Chloromethane	1.518	50	88036	9.120	ug/L	98
5) Vinyl chloride	1.602	62	93693	9.857	ug/L	99
6) Bromomethane	1.856	94	88133	9.214	ug/L	94
8) Chloroethane	1.930	64	79745	9.195	ug/L	99
9) Trichlorofluoromethane	2.133	101	191226	9.254	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	81827	9.360	ug/L	99
12) 1,1-Dichloroethene	2.570	96	73499	9.134	ug/L	87
13) Acetone	2.647	43	112452	89.362	ug/L	96
14) Carbon disulfide	2.788	76	232363	8.899	ug/L	99
15) Methyl Acetate	2.956	43	28371	11.300	ug/L	95
16) Methylene chloride	3.039	84	76929	9.843	ug/L	91
17) Methyl tert-butyl Ether	3.358	73	172677	10.574	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	71810	10.251	ug/L	96
19) 1,1-Dichloroethane	3.859	63	143171	10.086	ug/L	95
21) 2-Butanone	4.708	43	184105	107.894	ug/L	96
22) cis-1,2-Dichloroethene	4.657	96	81882	10.490	ug/L	98
23) Bromochloromethane	4.965	128	36836	10.384	ug/L	95
25) Chloroform	5.078	83	151434	10.080	ug/L	99
27) 1,2-Dichloroethane	5.785	62	99330	9.851	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	139067	10.126	ug/L	98
30) Cyclohexane	5.380	56	123143	10.831	ug/L	98
31) Carbon tetrachloride	5.515	117	128346	10.112	ug/L	99
33) Benzene	5.766	78	320885	10.090	ug/L	100
34) Trichloroethene	6.534	95	83009	9.629	ug/L	99
35) Methylcyclohexane	6.756	83	127909	10.814	ug/L	98
37) 1,2-Dichloropropane	6.782	63	84624	10.385	ug/L	# 98
38) Bromodichloromethane	7.097	83	108542	10.137	ug/L	99
39) cis-1,3-Dichloropropene	7.599	75	124641	10.432	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	457889	107.892	ug/L	99
42) Toluene	7.962	91	354095	10.536	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	109317	11.145	ug/L	96

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

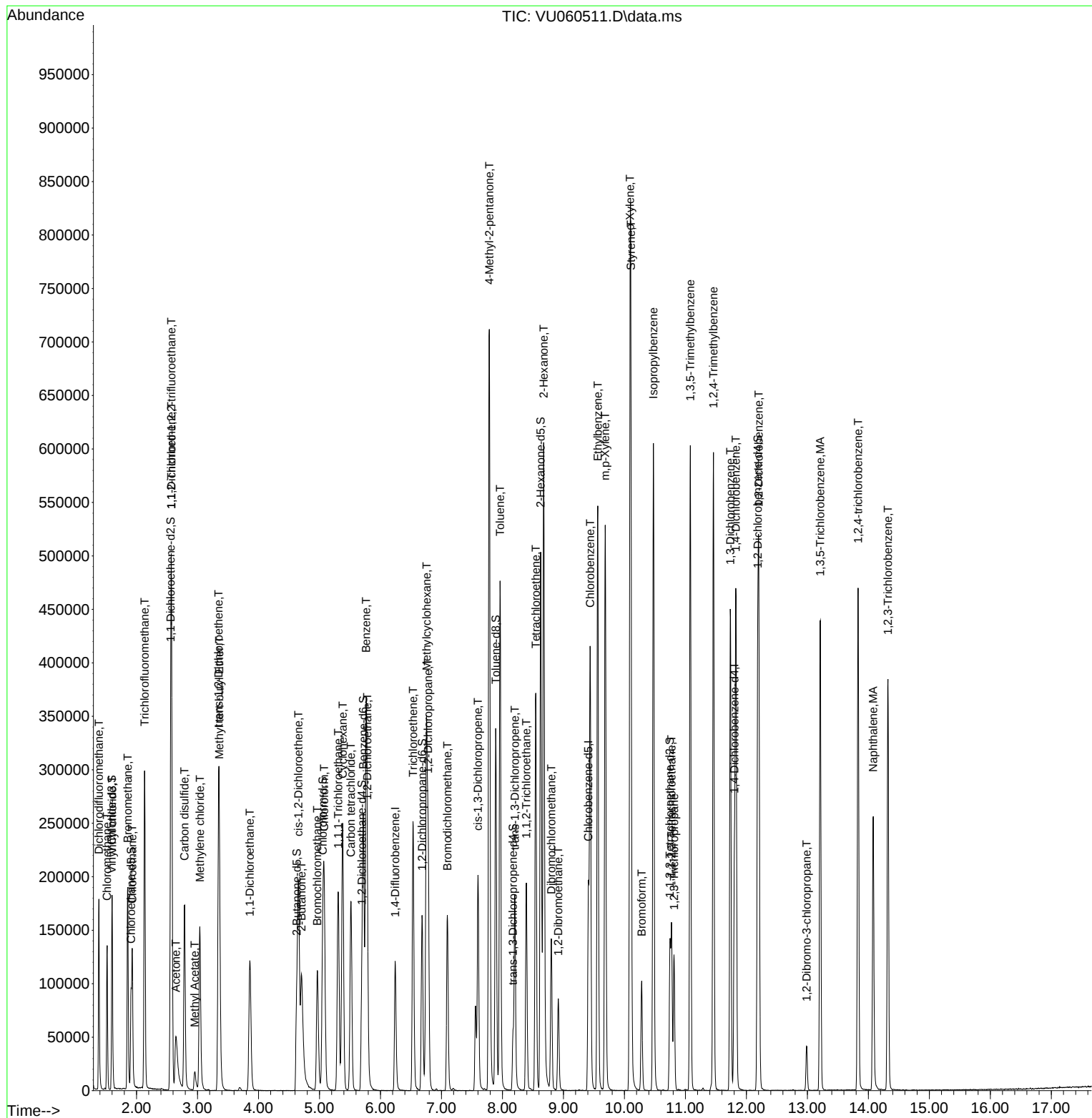
45) 1,1,2-Trichloroethane	8.393	97	59731	10.119	ug/L	98
47) Tetrachloroethene	8.547	164	83722	11.849	ug/L	99
48) 2-Hexanone	8.676	43	378825	121.484	ug/L	98
49) Dibromochloromethane	8.801	129	71952	10.528	ug/L	98
50) 1,2-Dibromoethane	8.914	107	57226	10.560	ug/L #	92
51) Chlorobenzene	9.441	112	221715	10.191	ug/L	98
52) Ethylbenzene	9.563	91	382060	10.728	ug/L	98
53) m,p-Xylene	9.685	106	151430	11.437	ug/L	99
54) o-Xylene	10.094	106	144717	10.677	ug/L	100
55) Styrene	10.106	104	250728	11.289	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	73301	9.726	ug/L	98
59) Bromoform	10.283	173	44976	9.737	ug/L	98
60) Isopropylbenzene	10.476	105	389537	10.374	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	54128	9.983	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	317915	11.360	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	319917	11.206	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	183220	9.970	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	181884	9.753	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	169776	9.847	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	11885	9.711	ug/L	90
69) 1,3,5-Trichlorobenzene	13.212	180	138052	9.742	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	148111	12.955	ug/L	97
71) Naphthalene	14.081	128	212914	14.577	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	121612	12.711	ug/L	99

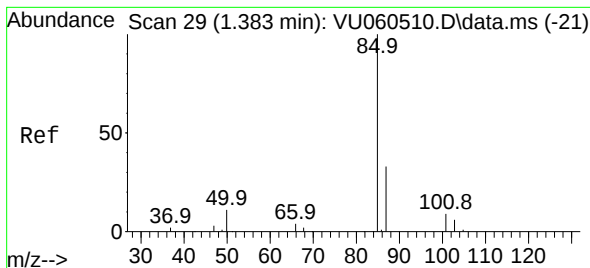
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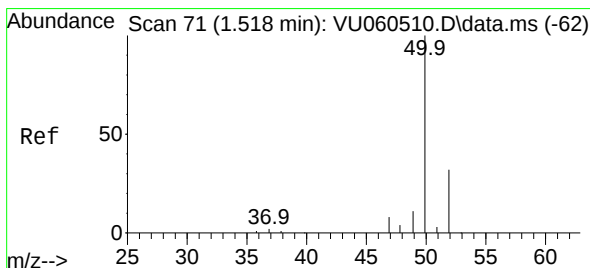
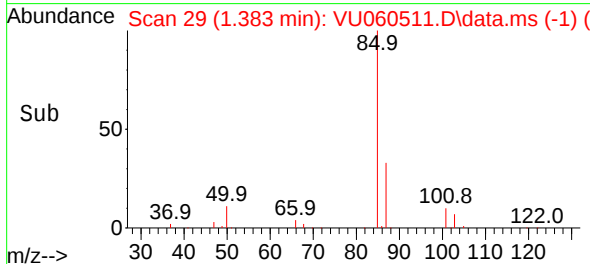
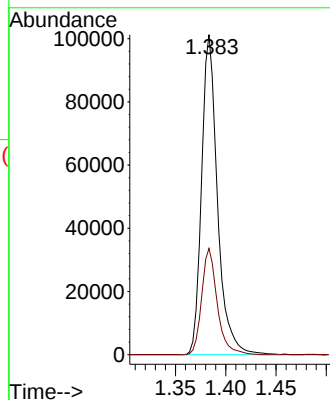
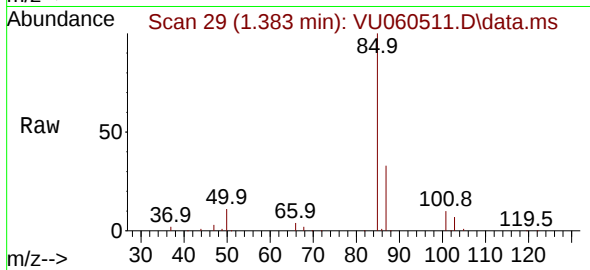




#2
 Dichlorodifluoromethane
 Concen: 9.978 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU060511.D
 Acq: 23 Aug 2024 13:31

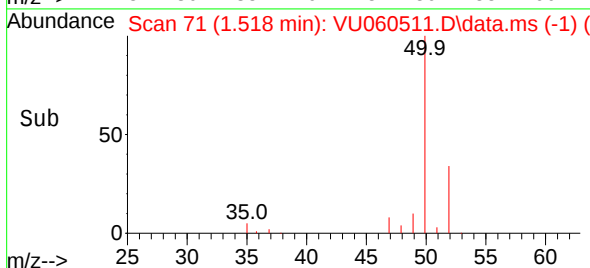
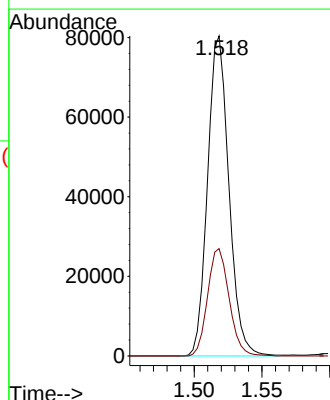
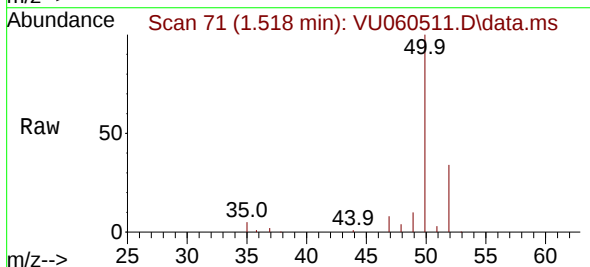
Instrument :
 MSVOA_U
 ClientSampleId :

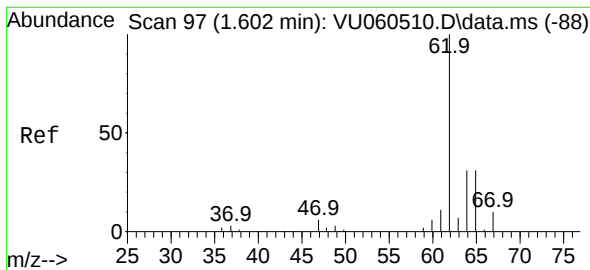
Tgt Ion: 85 Resp: 111162
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.2 39.4



#3
 Chloromethane
 Concen: 9.120 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU060511.D
 Acq: 23 Aug 2024 13:31

Tgt Ion: 50 Resp: 88036
 Ion Ratio Lower Upper
 50 100
 52 33.5 22.7 42.1





#5

Vinyl chloride

Concen: 9.857 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU060511.D

Acq: 23 Aug 2024 13:31

Instrument :

MSVOA_U

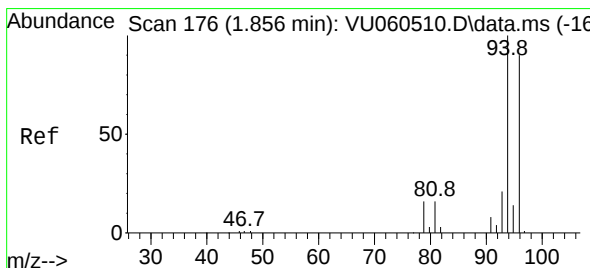
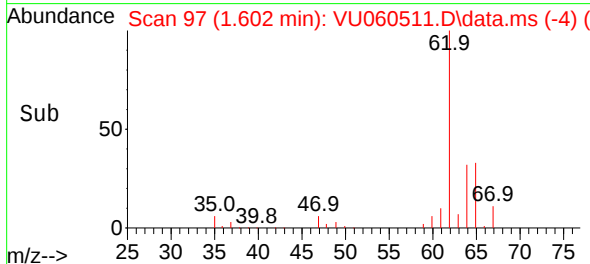
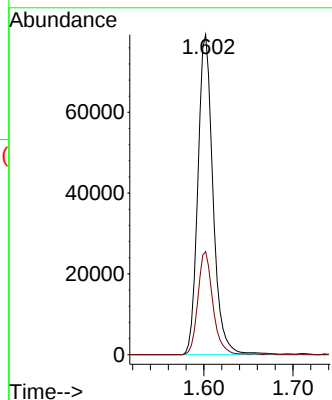
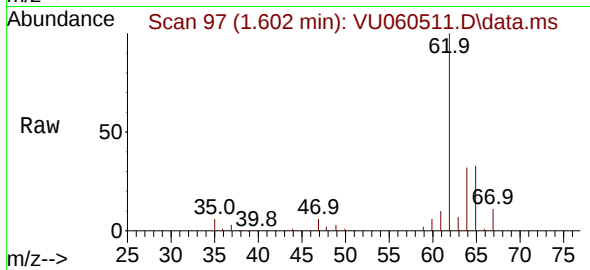
ClientSampleId :

Tgt Ion: 62 Resp: 93693

Ion Ratio Lower Upper

62 100

64 32.2 22.0 40.8



#6

Bromomethane

Concen: 9.214 ug/L

RT: 1.856 min Scan# 176

Delta R.T. 0.000 min

Lab File: VU060511.D

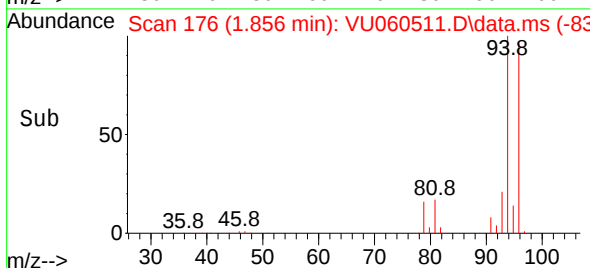
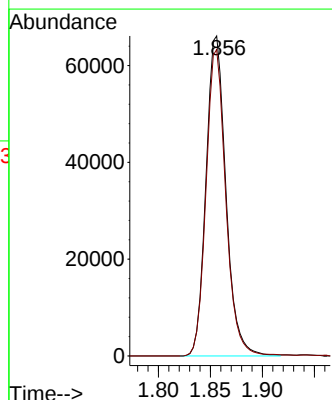
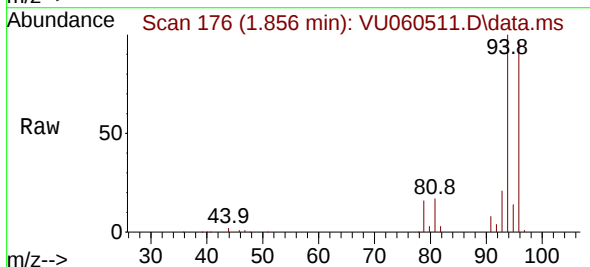
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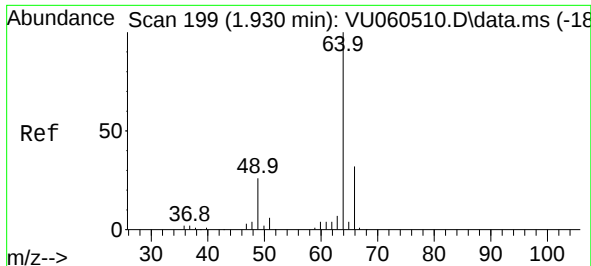
Tgt Ion: 94 Resp: 88133

Ion Ratio Lower Upper

94 100

96 95.7 63.3 117.5

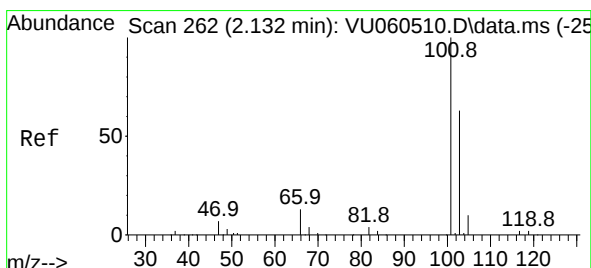
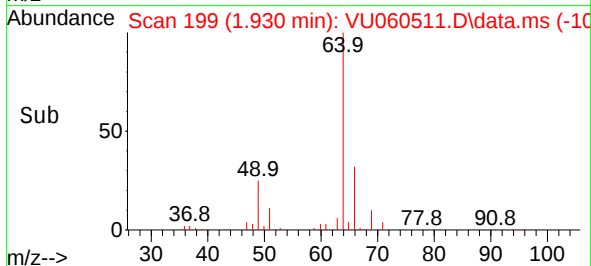
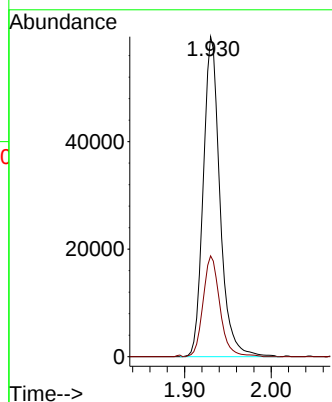
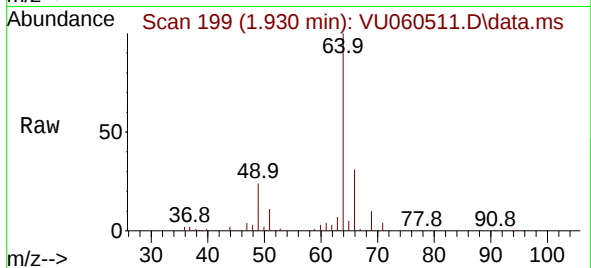




#8
Chloroethane
Concen: 9.195 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU060511.D
Acq: 23 Aug 2024 13:31

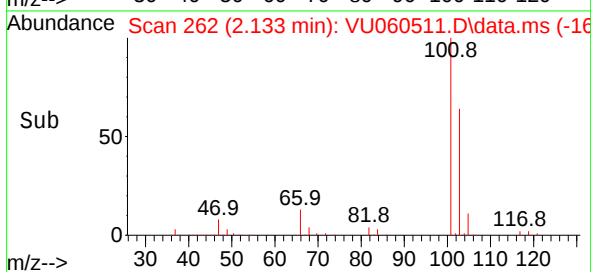
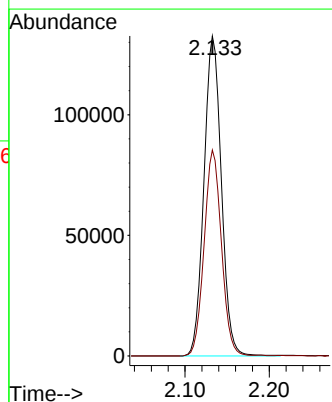
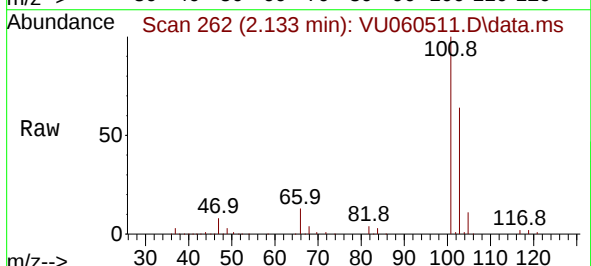
Instrument :
MSVOA_U
ClientSampleId :

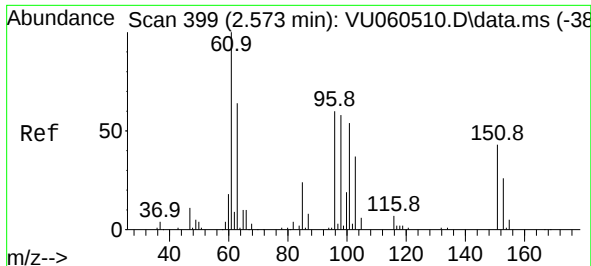
Tgt Ion: 64 Resp: 79745
Ion Ratio Lower Upper
64 100
66 31.5 22.5 41.9



#9
Trichlorofluoromethane
Concen: 9.254 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU060511.D
Acq: 23 Aug 2024 13:31

Tgt Ion:101 Resp: 191226
Ion Ratio Lower Upper
101 100
103 63.8 51.4 77.2

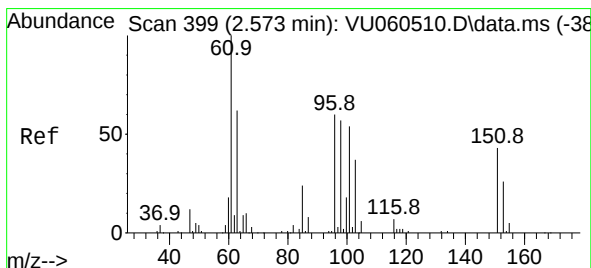
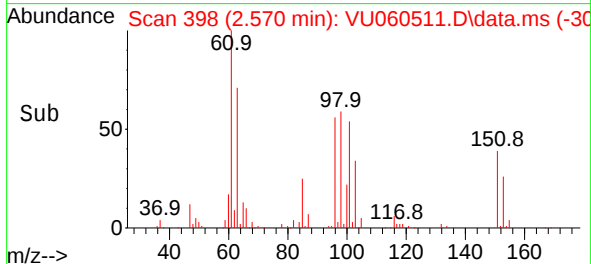
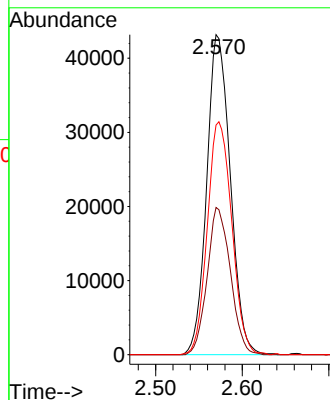
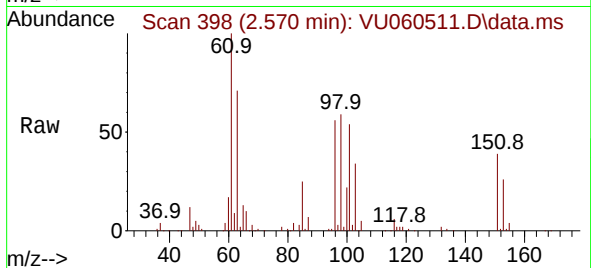




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 9.360 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. -0.003 min
 Lab File: VU060511.D
 Acq: 23 Aug 2024 13:31

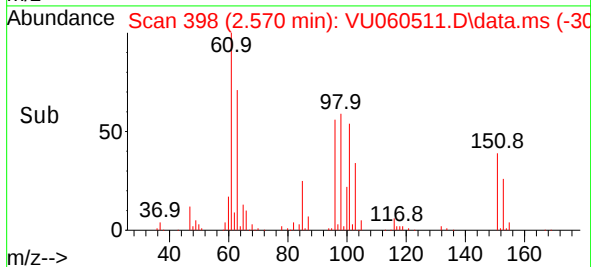
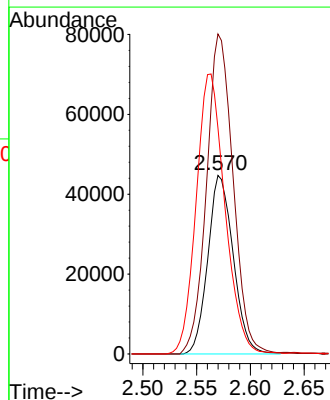
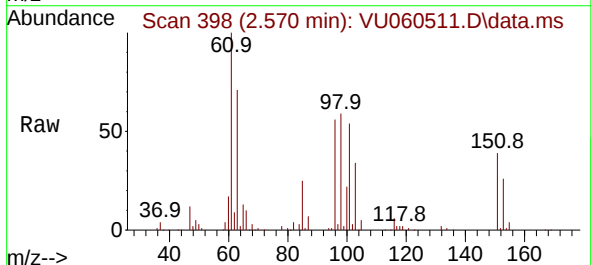
Instrument :
 MSVOA_U
 ClientSampleId :

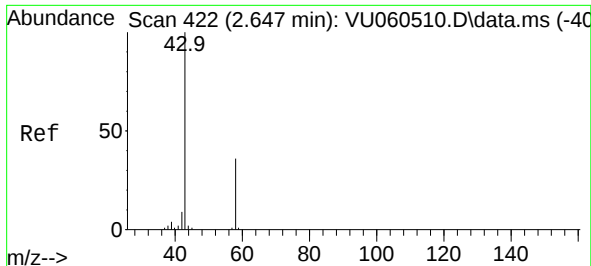
Tgt Ion:101 Resp: 81827
 Ion Ratio Lower Upper
 101 100
 85 45.2 35.8 53.6
 151 75.5 61.7 92.5



#12
 1,1-Dichloroethene
 Concen: 9.134 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. -0.003 min
 Lab File: VU060511.D
 Acq: 23 Aug 2024 13:31

Tgt Ion: 96 Resp: 73499
 Ion Ratio Lower Upper
 96 100
 61 179.2 116.4 216.2
 63 126.5 74.8 139.0





#13

Acetone

Concen: 89.362 ug/L

RT: 2.647 min Scan# 41

Delta R.T. 0.000 min

Lab File: VU060511.D

Acq: 23 Aug 2024 13:31

Instrument :

MSVOA_U

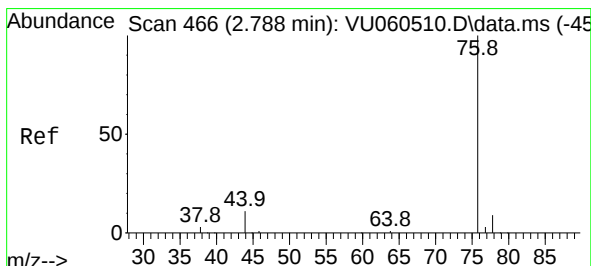
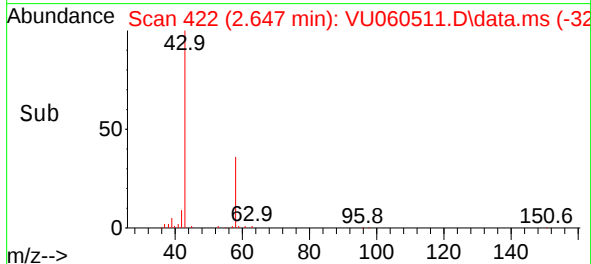
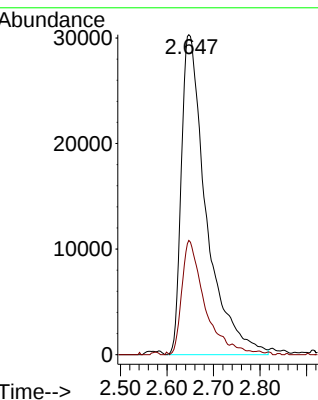
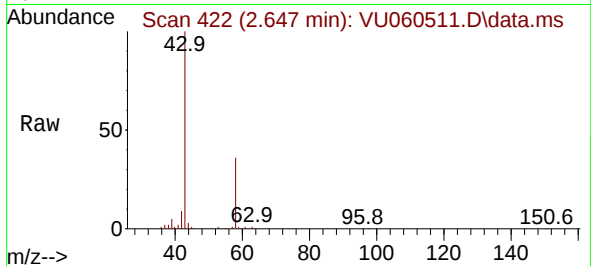
ClientSampleId :

Tgt Ion: 43 Resp: 112452

Ion Ratio Lower Upper

43 100

58 31.3 0.0 66.8



#14

Carbon disulfide

Concen: 8.899 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU060511.D

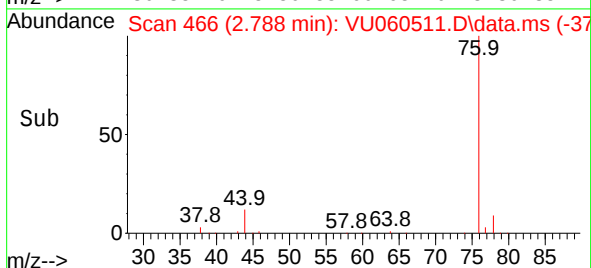
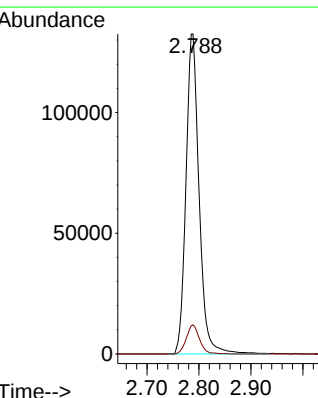
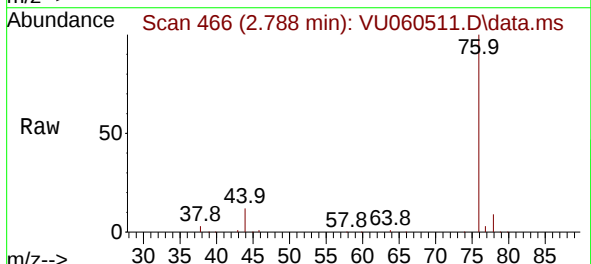
Acq: 23 Aug 2024 13:31

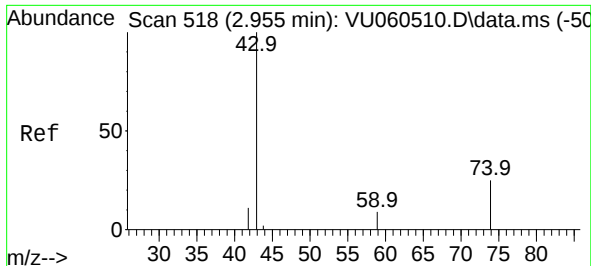
Tgt Ion: 76 Resp: 232363

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2





#15

Methyl Acetate

Concen: 11.300 ug/L

RT: 2.956 min Scan# 518

Delta R.T. 0.000 min

Lab File: VU060511.D

Acq: 23 Aug 2024 13:31

Instrument :

MSVOA_U

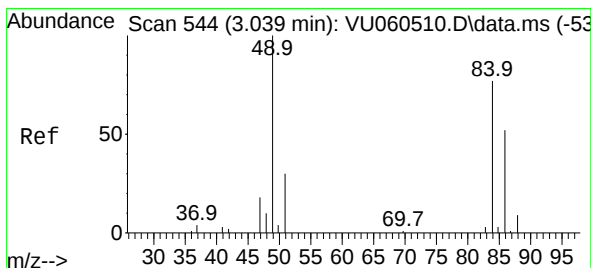
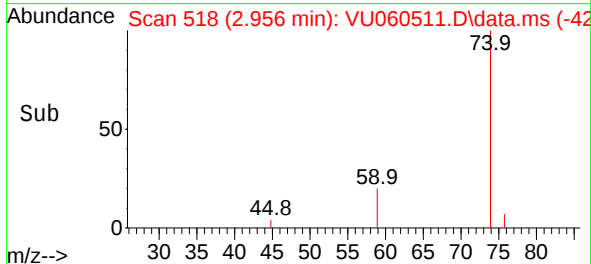
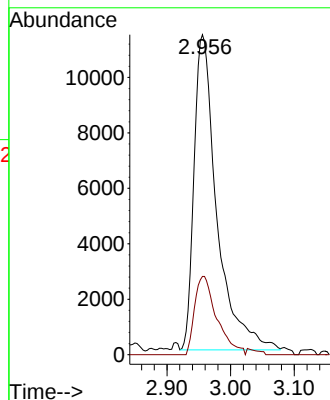
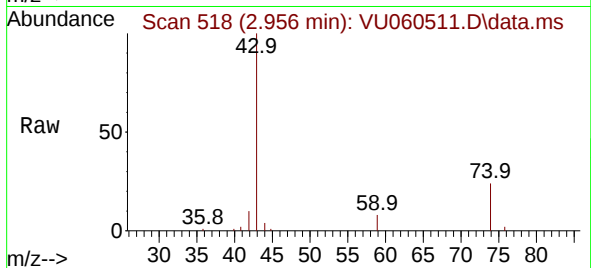
ClientSampleId :

Tgt Ion: 43 Resp: 28371

Ion Ratio Lower Upper

43 100

74 24.0 21.4 32.2



#16

Methylene chloride

Concen: 9.843 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.000 min

Lab File: VU060511.D

Acq: 23 Aug 2024 13:31

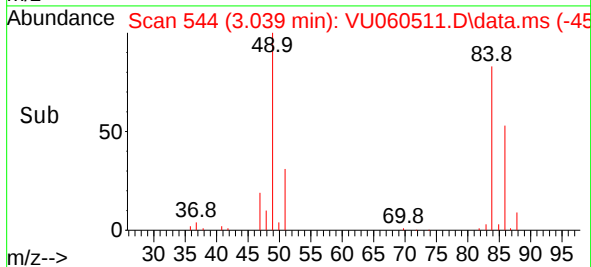
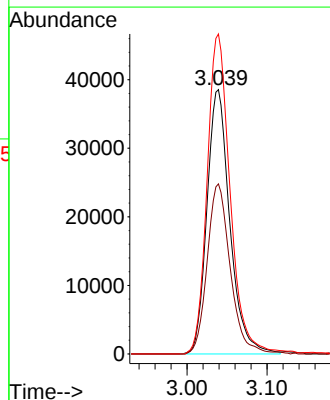
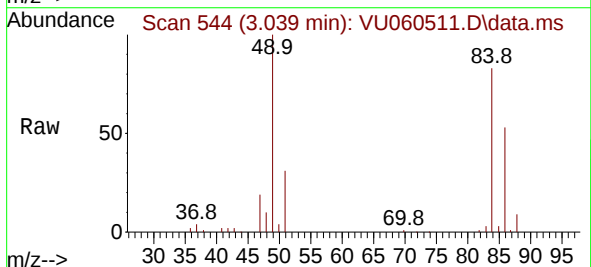
Tgt Ion: 84 Resp: 76929

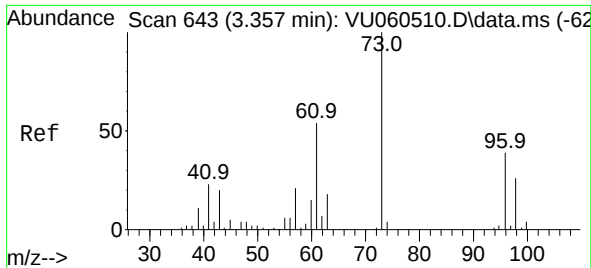
Ion Ratio Lower Upper

84 100

86 64.4 47.5 88.3

49 121.0 94.4 175.2

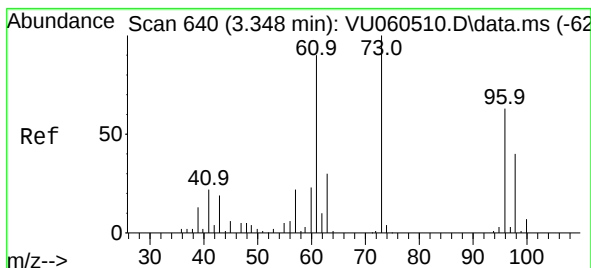
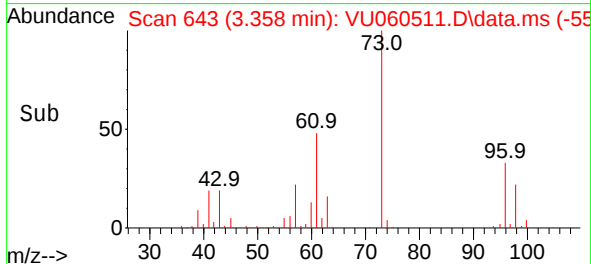
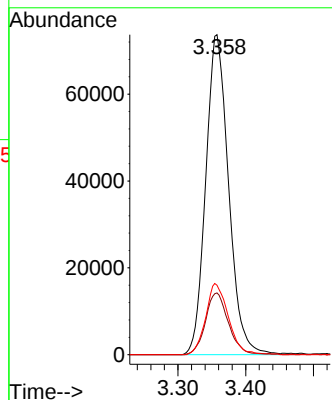
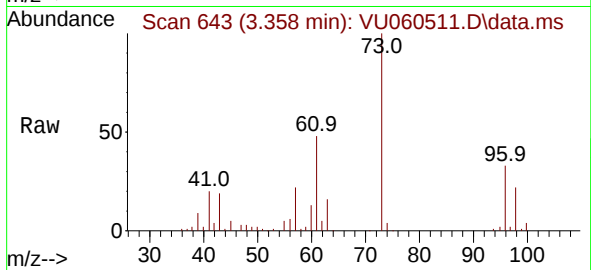




#17
Methyl tert-butyl Ether
Concen: 10.574 ug/L
RT: 3.358 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU060511.D
Acq: 23 Aug 2024 13:31

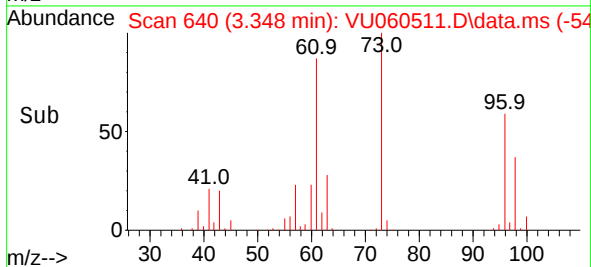
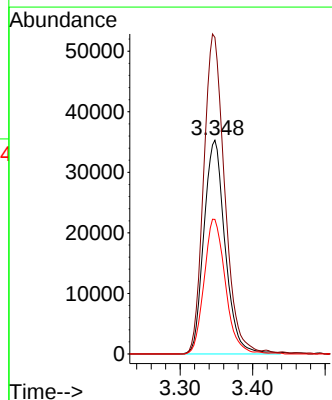
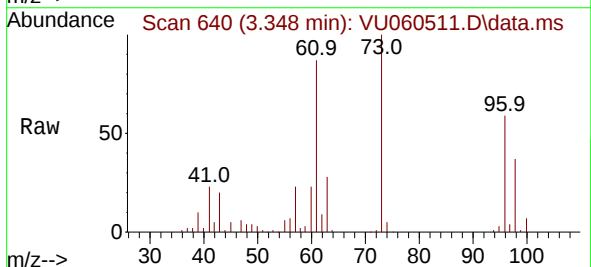
Instrument :
MSVOA_U
ClientSampleId :

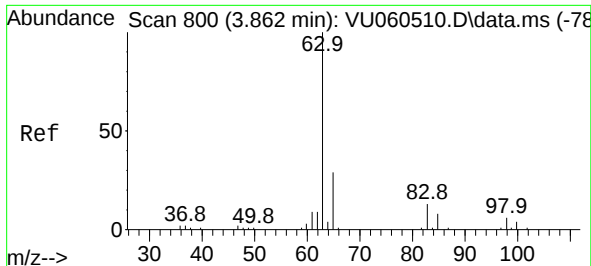
Tgt Ion: 73 Resp: 172677
Ion Ratio Lower Upper
73 100
43 19.4 15.8 23.6
57 22.0 16.8 25.2



#18
trans-1,2-Dichloroethene
Concen: 10.251 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU060511.D
Acq: 23 Aug 2024 13:31

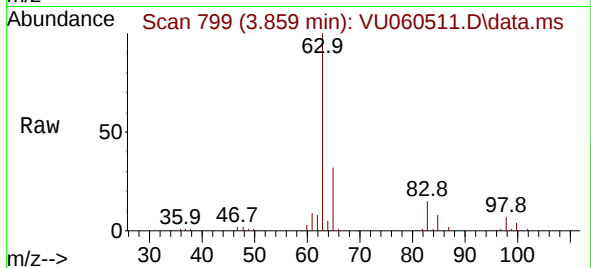
Tgt Ion: 96 Resp: 71810
Ion Ratio Lower Upper
96 100
61 148.1 99.2 184.2
98 62.9 44.0 81.8



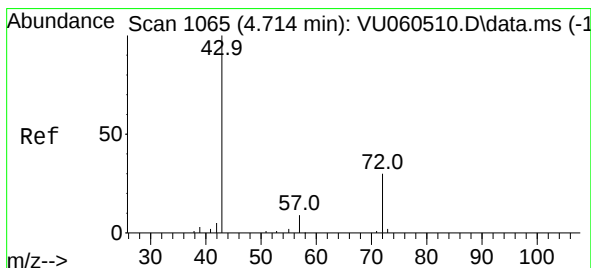
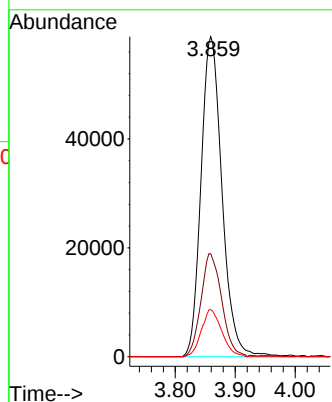
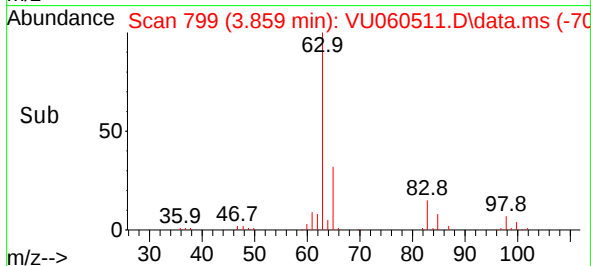


#19
1,1-Dichloroethane
Concen: 10.086 ug/L
RT: 3.859 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU060511.D
Acq: 23 Aug 2024 13:31

Instrument :
MSVOA_U
ClientSampleId :

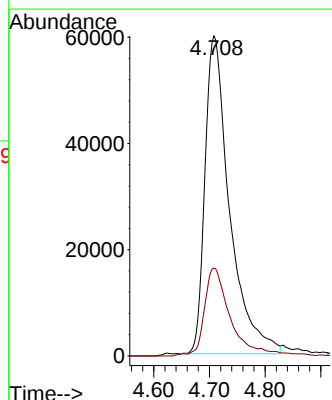
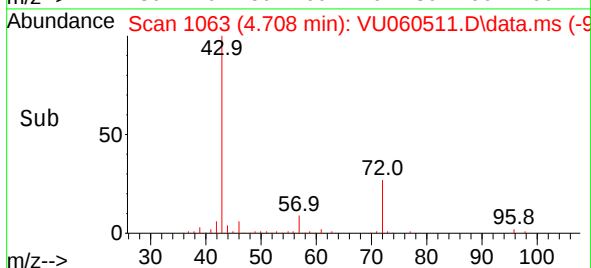
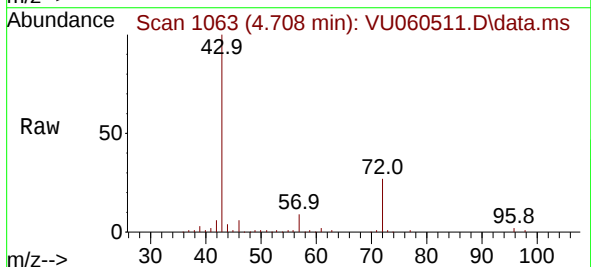


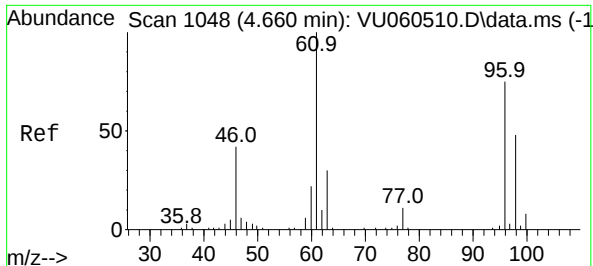
Tgt Ion: 63 Resp: 143171
Ion Ratio Lower Upper
63 100
65 32.1 20.5 38.1
83 14.7 9.2 17.2



#21
2-Butanone
Concen: 107.894 ug/L
RT: 4.708 min Scan# 1063
Delta R.T. -0.006 min
Lab File: VU060511.D
Acq: 23 Aug 2024 13:31

Tgt Ion: 43 Resp: 184105
Ion Ratio Lower Upper
43 100
72 25.8 14.0 42.0

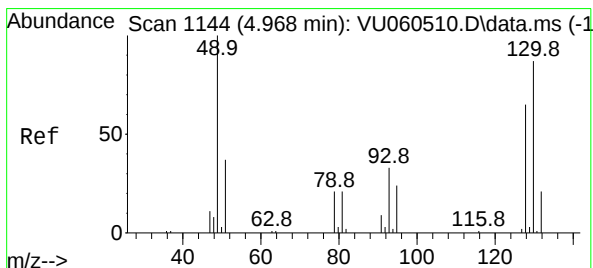
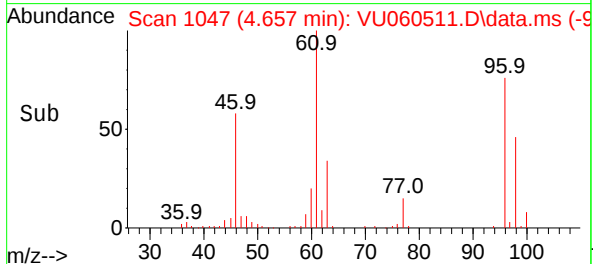
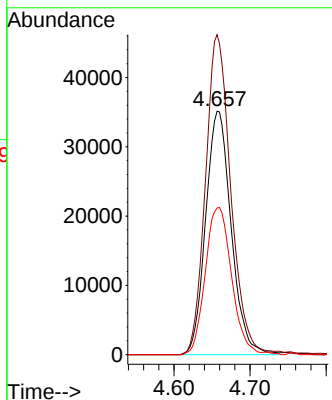
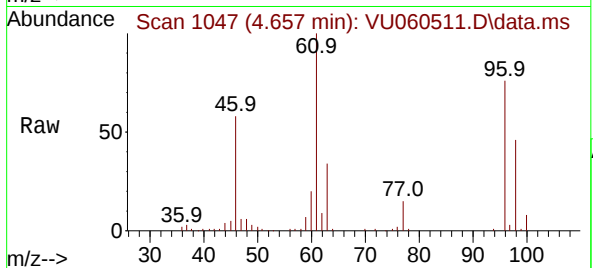




#22
cis-1,2-Dichloroethene
Concen: 10.490 ug/L
RT: 4.657 min Scan# 110
Delta R.T. -0.003 min
Lab File: VU060511.D
Acq: 23 Aug 2024 13:31

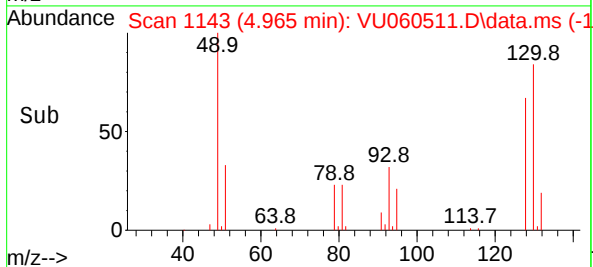
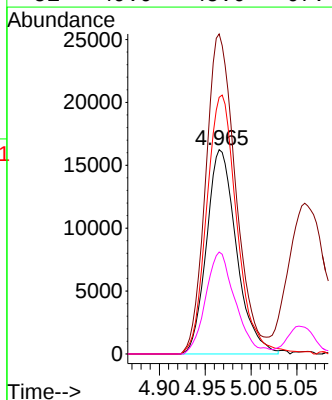
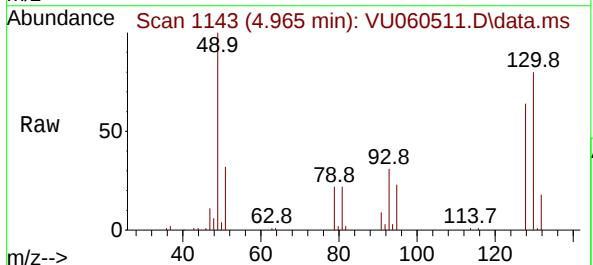
Instrument :
MSVOA_U
ClientSampleId :

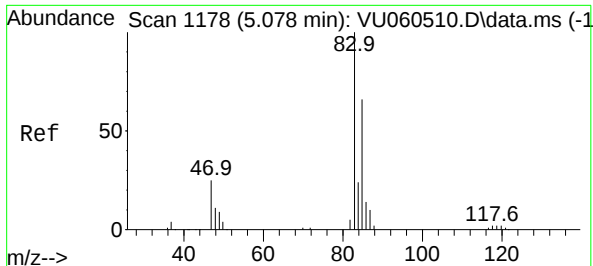
Tgt Ion: 96 Resp: 81882
Ion Ratio Lower Upper
96 100
61 131.4 92.9 172.5
98 60.2 45.0 83.6



#23
Bromochloromethane
Concen: 10.384 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.003 min
Lab File: VU060511.D
Acq: 23 Aug 2024 13:31

Tgt Ion:128 Resp: 36836
Ion Ratio Lower Upper
128 100
49 156.7 108.1 200.7
130 125.6 93.1 172.9
51 49.9 45.0 67.4





#25

Chloroform

Concen: 10.080 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU060511.D

Acq: 23 Aug 2024 13:31

Instrument :

MSVOA_U

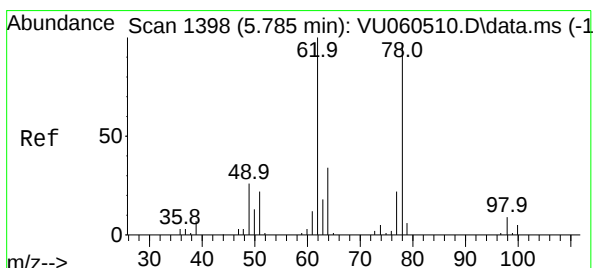
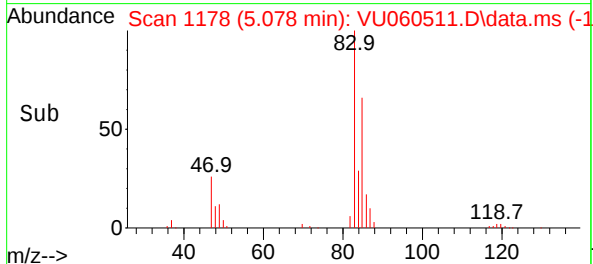
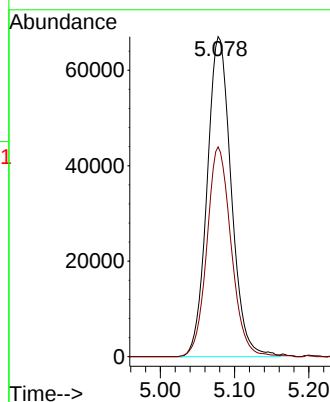
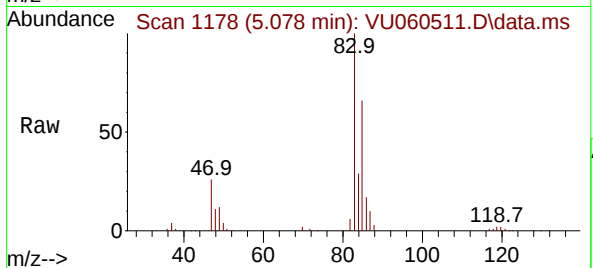
ClientSampleId :

Tgt Ion: 83 Resp: 151434

Ion Ratio Lower Upper

83 100

85 65.5 46.4 86.2



#27

1,2-Dichloroethane

Concen: 9.851 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VU060511.D

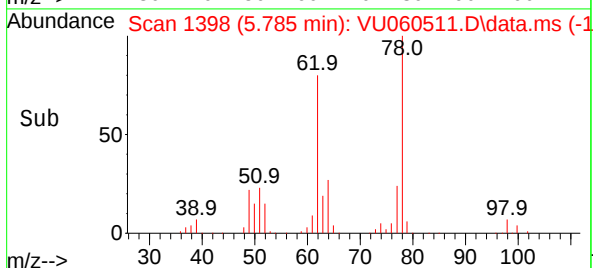
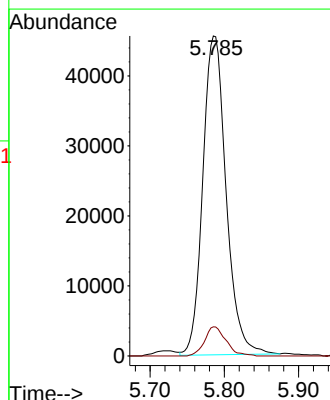
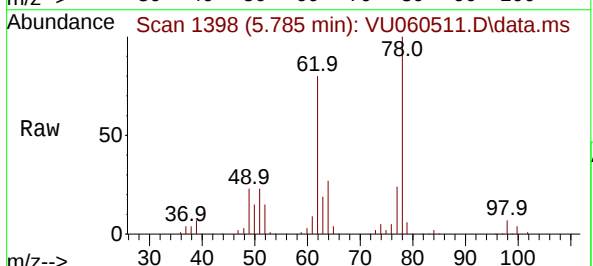
Acq: 23 Aug 2024 13:31

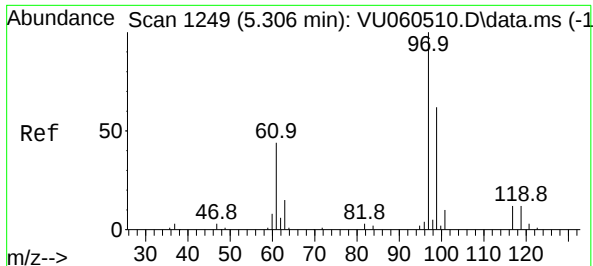
Tgt Ion: 62 Resp: 99330

Ion Ratio Lower Upper

62 100

98 9.1 7.0 10.4

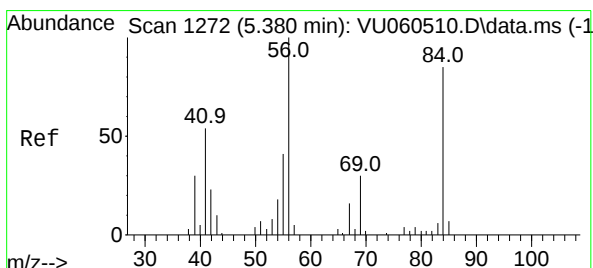
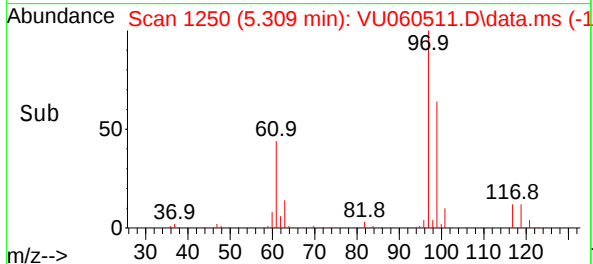
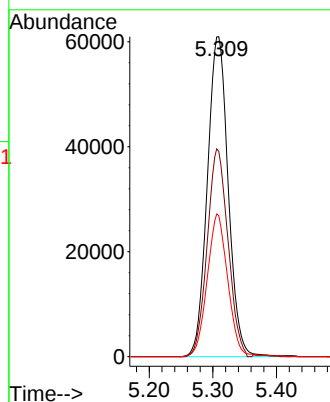
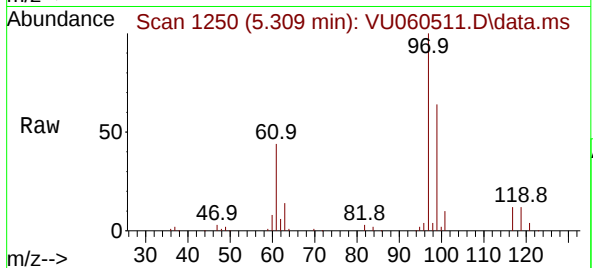




#29
1,1,1-Trichloroethane
Concen: 10.126 ug/L
RT: 5.309 min Scan# 1249
Delta R.T. 0.003 min
Lab File: VU060511.D
Acq: 23 Aug 2024 13:31

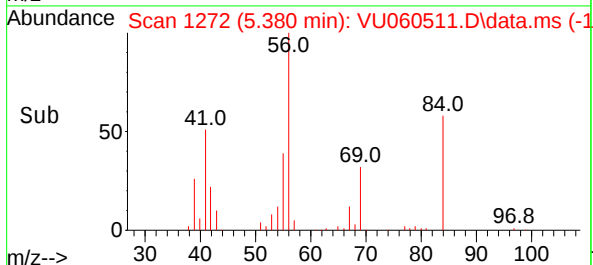
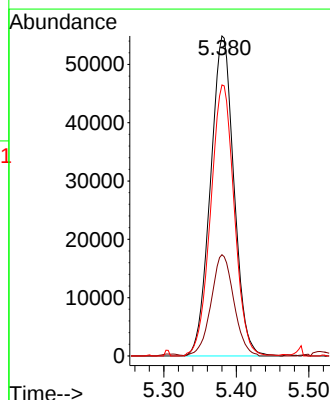
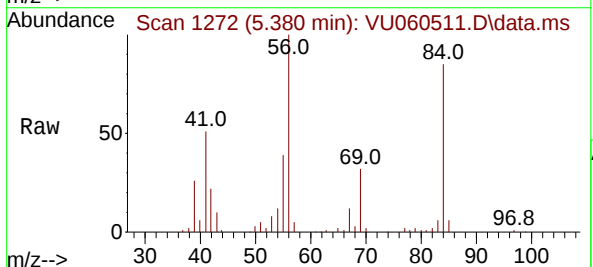
Instrument :
MSVOA_U
ClientSampleId :

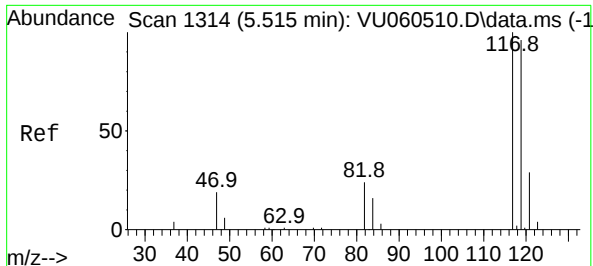
Tgt Ion: 97 Resp: 139067
Ion Ratio Lower Upper
97 100
99 64.6 49.7 74.5
61 43.7 35.4 53.2



#30
Cyclohexane
Concen: 10.831 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU060511.D
Acq: 23 Aug 2024 13:31

Tgt Ion: 56 Resp: 123143
Ion Ratio Lower Upper
56 100
69 30.8 24.2 36.2
84 85.3 69.7 104.5

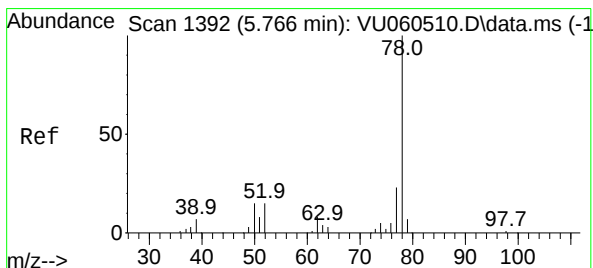
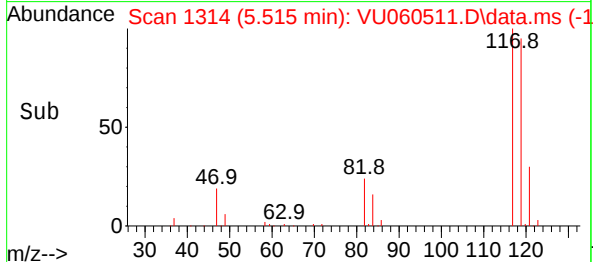
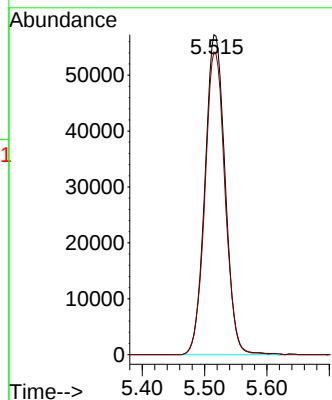
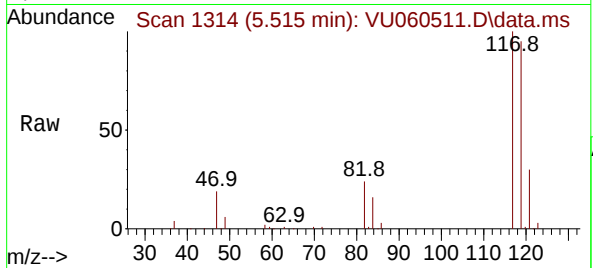




#31
Carbon tetrachloride
Concen: 10.112 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU060511.D
Acq: 23 Aug 2024 13:31

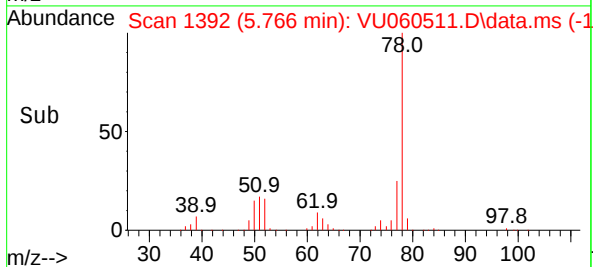
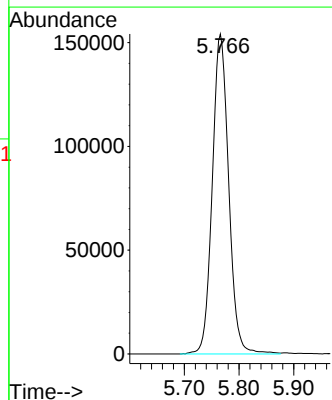
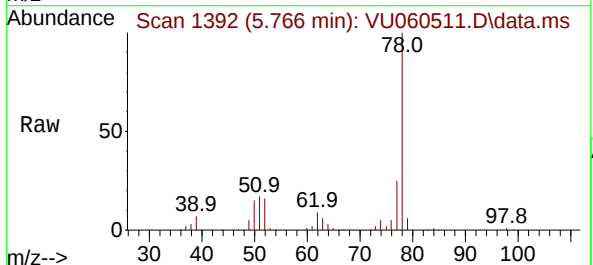
Instrument :
MSVOA_U
ClientSampleId :

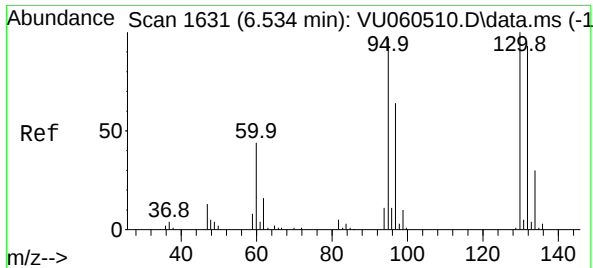
Tgt Ion:117 Resp: 128346
Ion Ratio Lower Upper
117 100
119 94.4 76.4 114.6



#33
Benzene
Concen: 10.090 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU060511.D
Acq: 23 Aug 2024 13:31

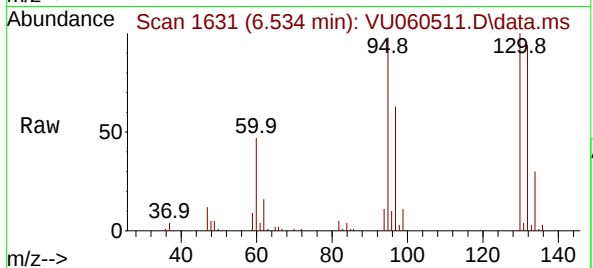
Tgt Ion: 78 Resp: 320885



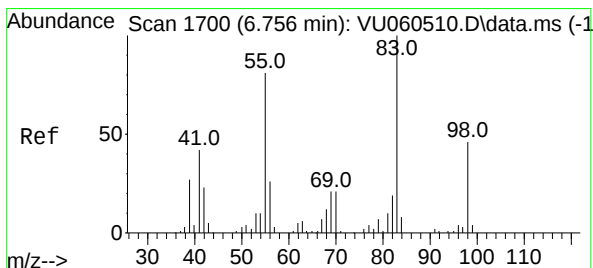
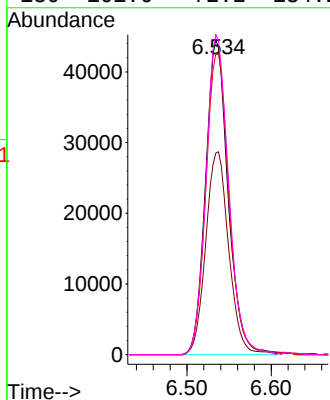
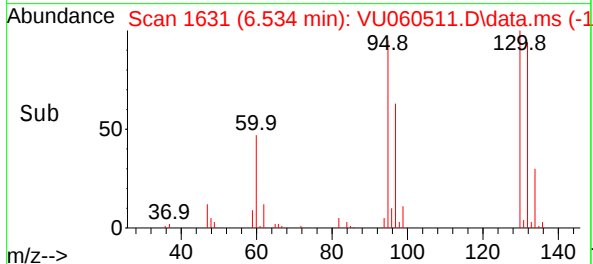


#34
Trichloroethene
Concen: 9.629 ug/L
RT: 6.534 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU060511.D
Acq: 23 Aug 2024 13:31

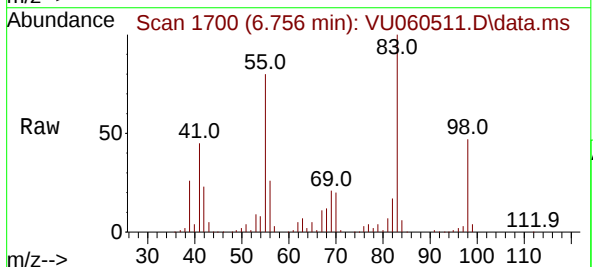
Instrument :
MSVOA_U
ClientSampleId :



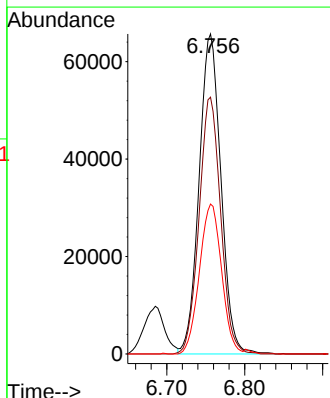
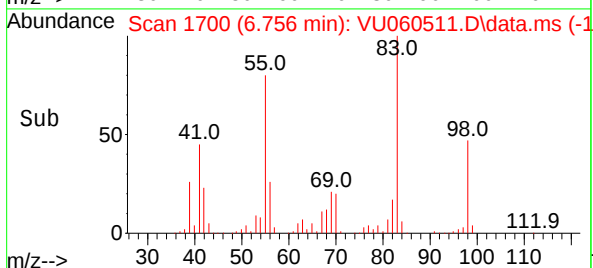
Tgt Ion: 95 Resp: 83009
Ion Ratio Lower Upper
95 100
97 64.1 45.8 85.2
132 95.6 67.4 125.2
130 101.6 72.2 134.2

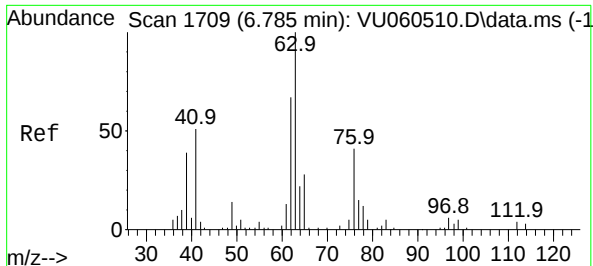


#35
Methylcyclohexane
Concen: 10.814 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VU060511.D
Acq: 23 Aug 2024 13:31



Tgt Ion: 83 Resp: 127909
Ion Ratio Lower Upper
83 100
55 79.3 65.8 98.8
98 47.5 37.8 56.8

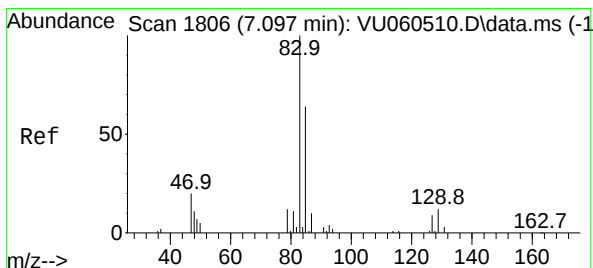
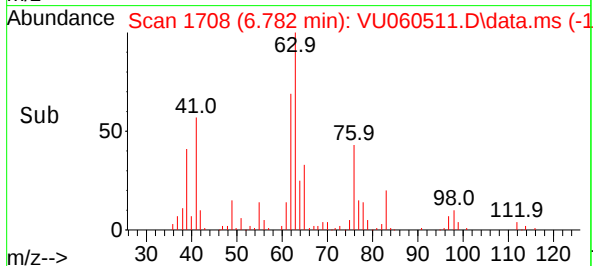
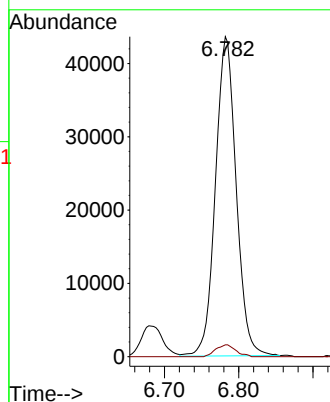
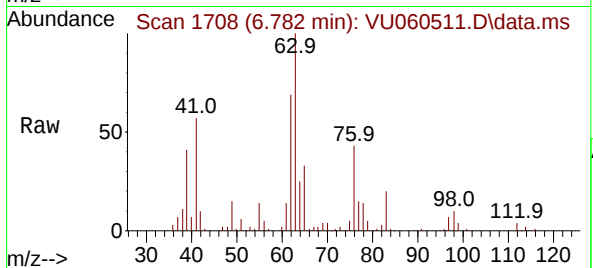




#37
1,2-Dichloropropane
Concen: 10.385 ug/L
RT: 6.782 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU060511.D
Acq: 23 Aug 2024 13:31

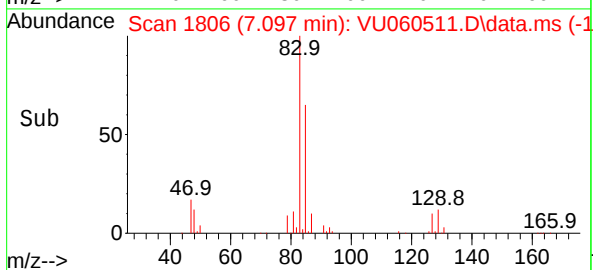
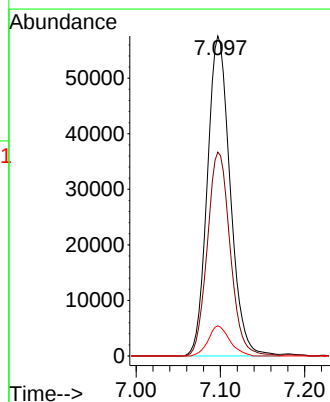
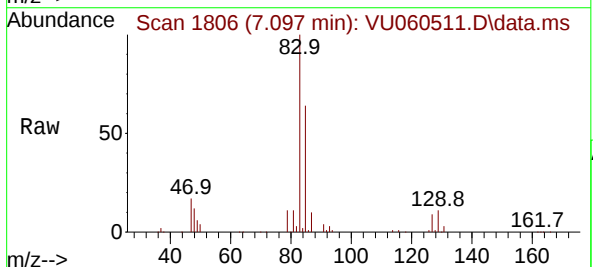
Instrument :
MSVOA_U
ClientSampleId :

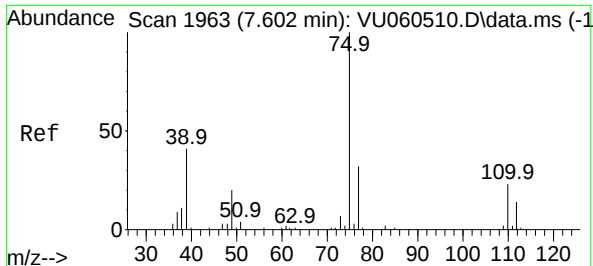
Tgt Ion: 63 Resp: 84624
Ion Ratio Lower Upper
63 100
112 3.6 2.3 3.5#



#38
Bromodichloromethane
Concen: 10.137 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU060511.D
Acq: 23 Aug 2024 13:31

Tgt Ion: 83 Resp: 108542
Ion Ratio Lower Upper
83 100
85 63.7 44.9 83.5
127 9.4 7.3 10.9

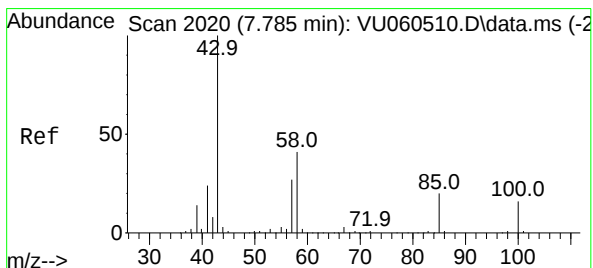
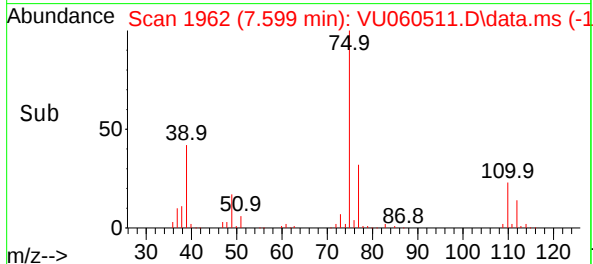
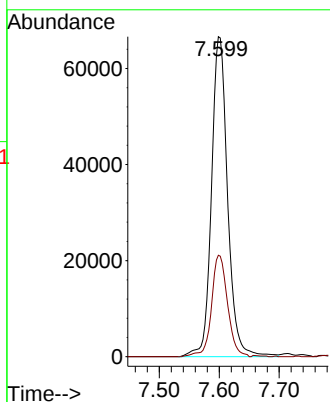
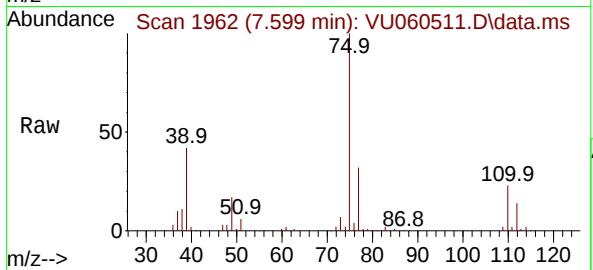




#39
 cis-1,3-Dichloropropene
 Concen: 10.432 ug/L
 RT: 7.599 min Scan# 1962
 Delta R.T. -0.003 min
 Lab File: VU060511.D
 Acq: 23 Aug 2024 13:31

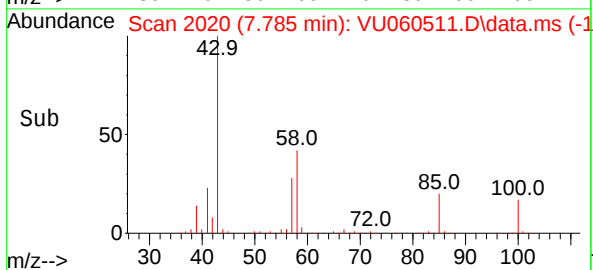
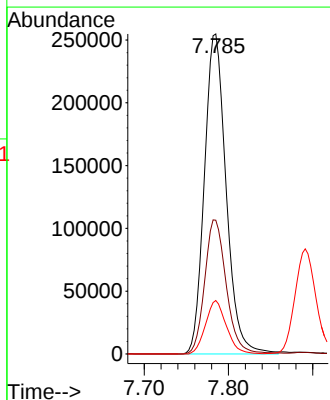
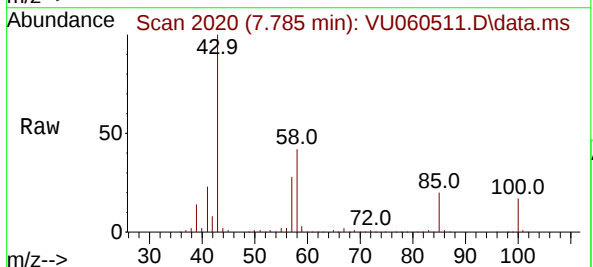
Instrument :
 MSVOA_U
 ClientSampleId :

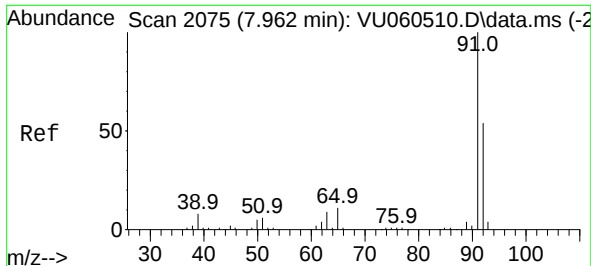
Tgt Ion: 75 Resp: 124641
 Ion Ratio Lower Upper
 75 100
 77 31.7 22.1 41.1



#40
 4-Methyl-2-pentanone
 Concen: 107.892 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. 0.000 min
 Lab File: VU060511.D
 Acq: 23 Aug 2024 13:31

Tgt Ion: 43 Resp: 457889
 Ion Ratio Lower Upper
 43 100
 58 41.7 32.5 48.7
 100 16.0 12.5 18.7





#42

Toluene

Concen: 10.536 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU060511.D

Acq: 23 Aug 2024 13:31

Instrument :

MSVOA_U

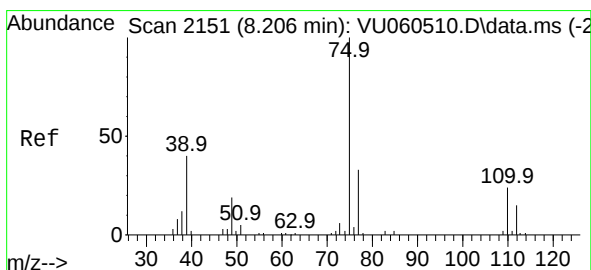
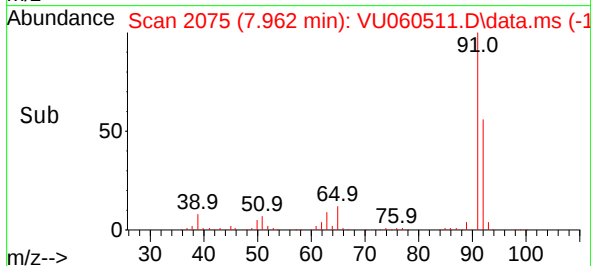
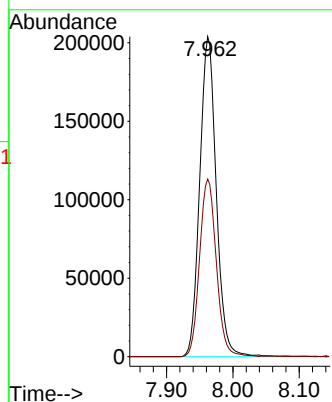
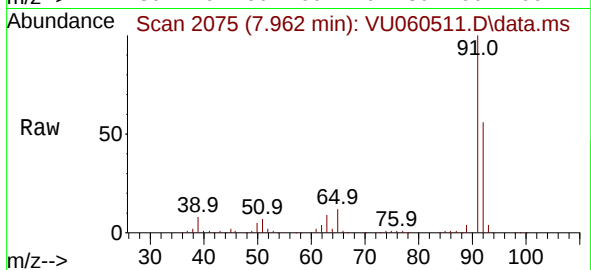
ClientSampleId :

Tgt Ion: 91 Resp: 354095

Ion Ratio Lower Upper

91 100

92 55.5 38.0 70.6



#44

trans-1,3-Dichloropropene

Concen: 11.145 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.003 min

Lab File: VU060511.D

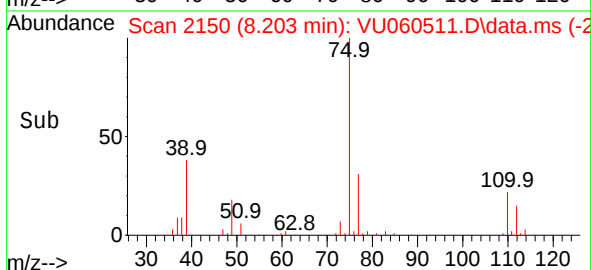
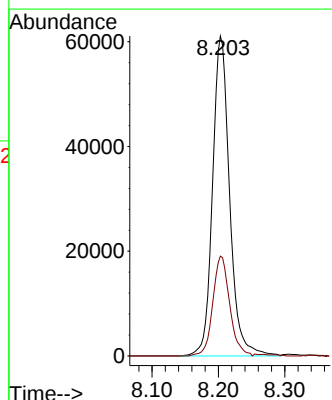
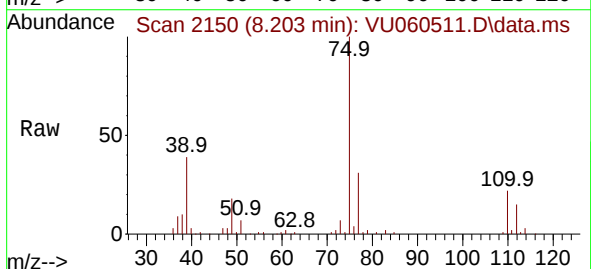
Acq: 23 Aug 2024 13:31

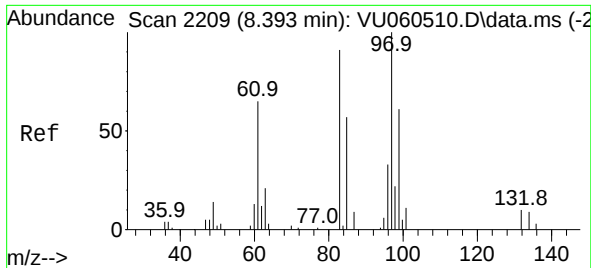
Tgt Ion: 75 Resp: 109317

Ion Ratio Lower Upper

75 100

77 31.2 23.4 43.6

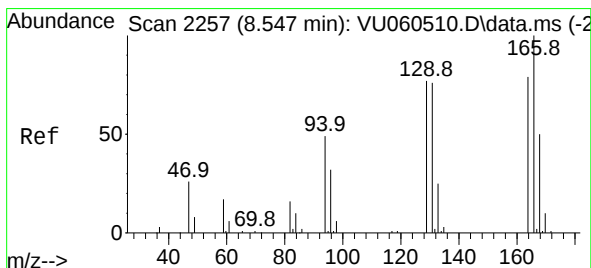
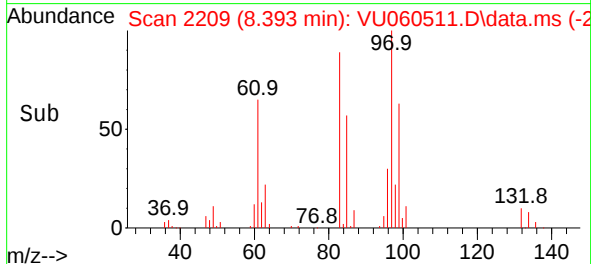
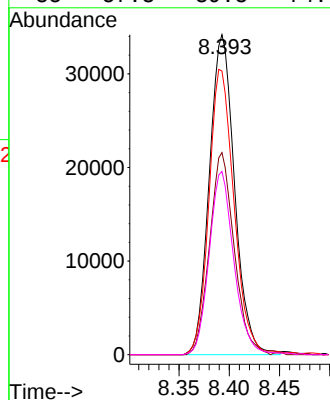
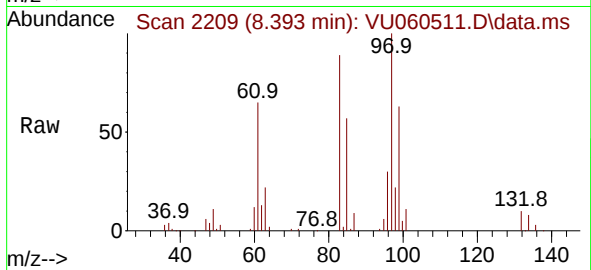




#45
1,1,2-Trichloroethane
Concen: 10.119 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU060511.D
Acq: 23 Aug 2024 13:31

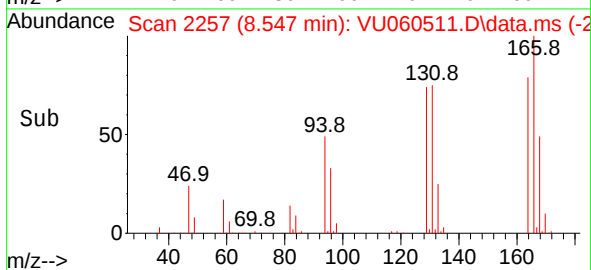
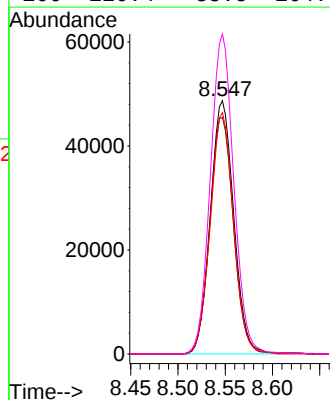
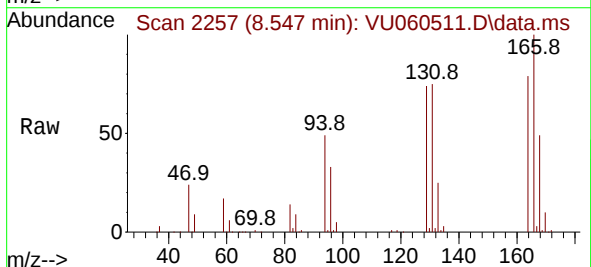
Instrument :
MSVOA_U
ClientSampleId :

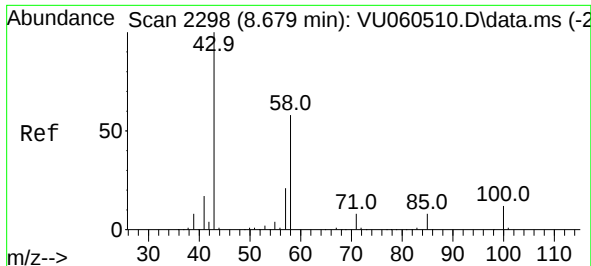
Tgt Ion:	97	Resp:	59731
Ion	Ratio	Lower	Upper
97	100		
99	63.1	42.4	78.8
83	88.7	64.0	119.0
85	57.3	39.8	74.0



#47
Tetrachloroethene
Concen: 11.849 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU060511.D
Acq: 23 Aug 2024 13:31

Tgt Ion:	164	Resp:	83722
Ion	Ratio	Lower	Upper
164	100		
129	93.4	67.8	125.8
131	95.4	67.2	124.8
166	126.4	88.5	164.4





#48

2-Hexanone

Concen: 121.484 ug/L

RT: 8.676 min Scan# 2298

Delta R.T. -0.003 min

Lab File: VU060511.D

Acq: 23 Aug 2024 13:31

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 43 Resp: 378825

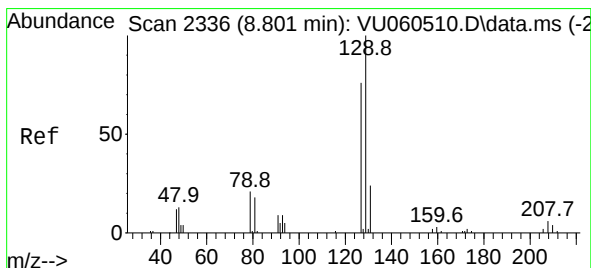
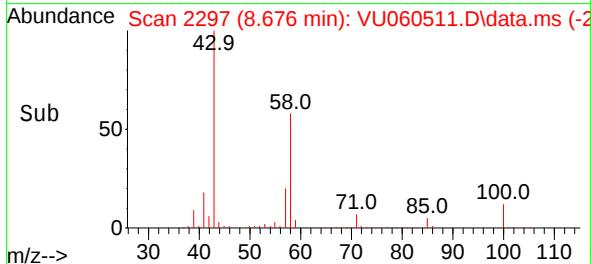
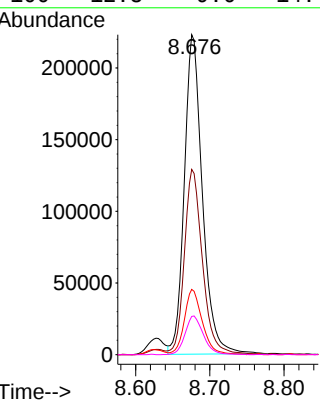
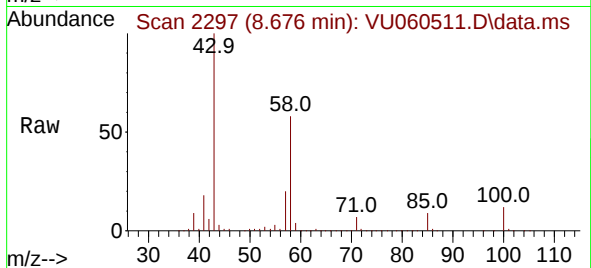
Ion Ratio Lower Upper

43 100

58 58.1 45.6 68.4

57 20.4 15.6 23.4

100 12.3 9.6 14.4



#49

Dibromochloromethane

Concen: 10.528 ug/L

RT: 8.801 min Scan# 2336

Delta R.T. 0.000 min

Lab File: VU060511.D

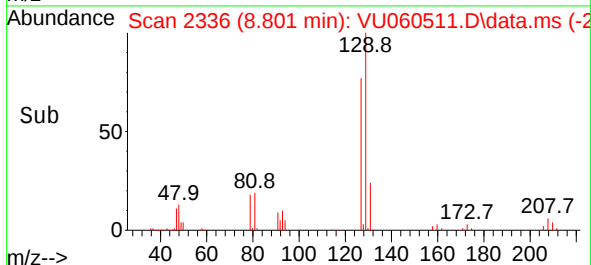
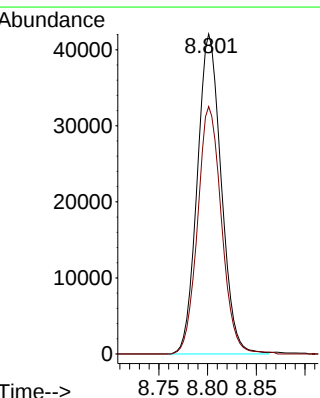
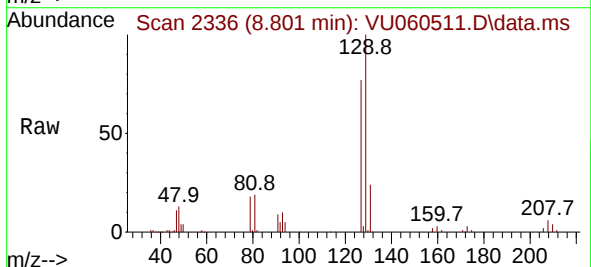
Acq: 23 Aug 2024 13:31

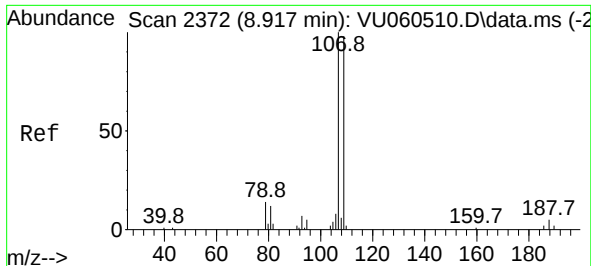
Tgt Ion: 129 Resp: 71952

Ion Ratio Lower Upper

129 100

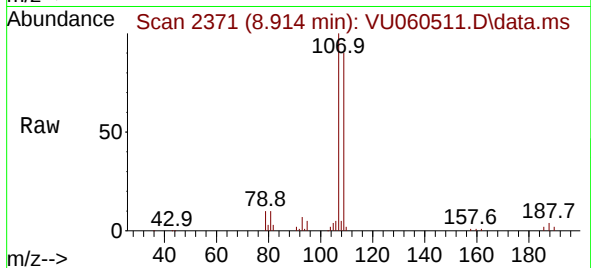
127 77.3 53.0 98.4



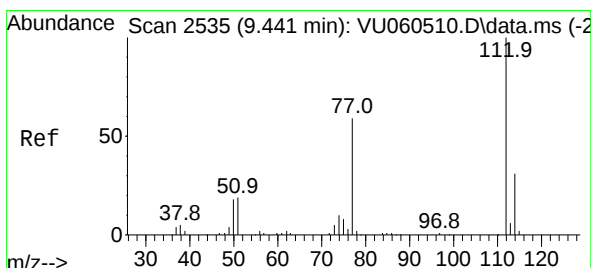
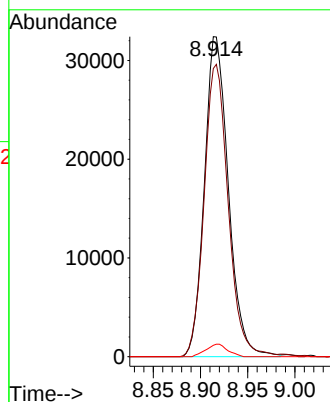
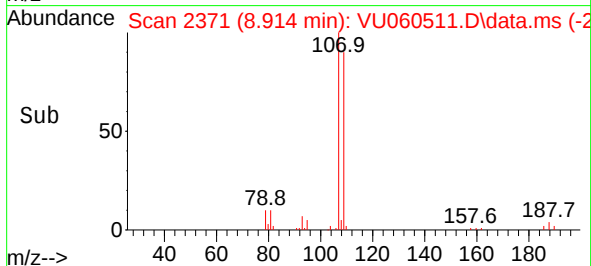


#50
1,2-Dibromoethane
Concen: 10.560 ug/L
RT: 8.914 min Scan# 2371
Delta R.T. -0.003 min
Lab File: VU060511.D
Acq: 23 Aug 2024 13:31

Instrument :
MSVOA_U
ClientSampleId :

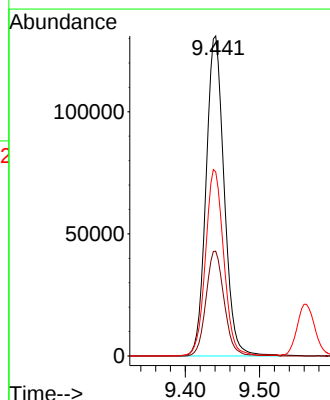
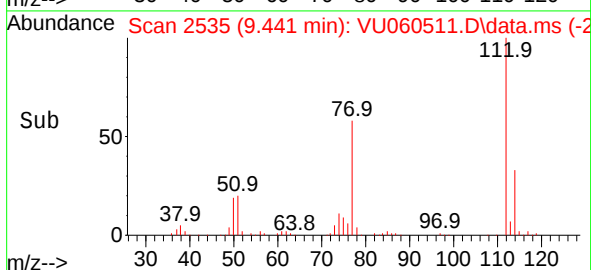
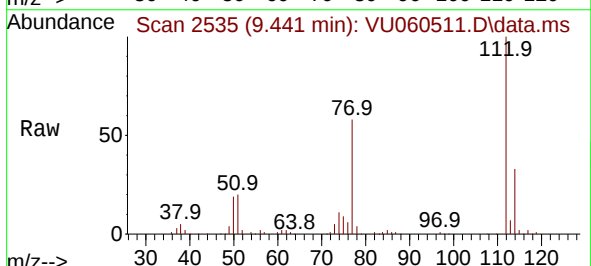


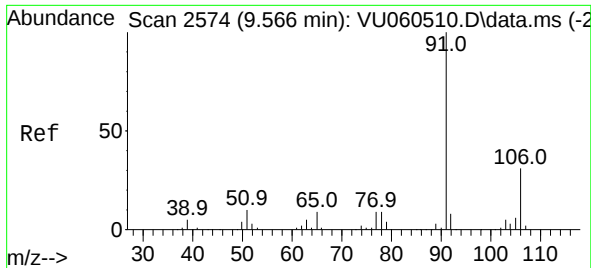
Tgt Ion:107 Resp: 57226
Ion Ratio Lower Upper
107 100
109 90.0 68.5 127.3
188 3.6 3.9 5.9#



#51
Chlorobenzene
Concen: 10.191 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU060511.D
Acq: 23 Aug 2024 13:31

Tgt Ion:112 Resp: 221715
Ion Ratio Lower Upper
112 100
114 32.8 21.9 40.7
77 57.6 47.4 71.2

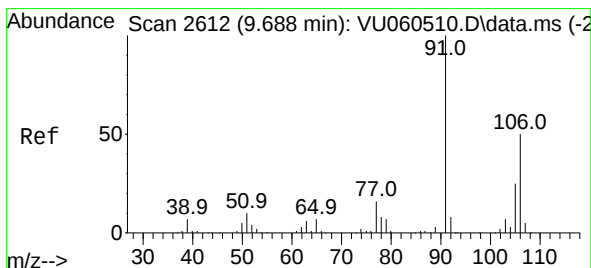
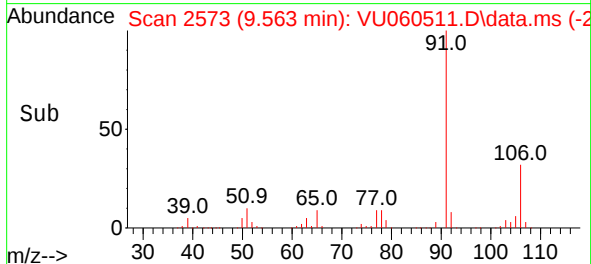
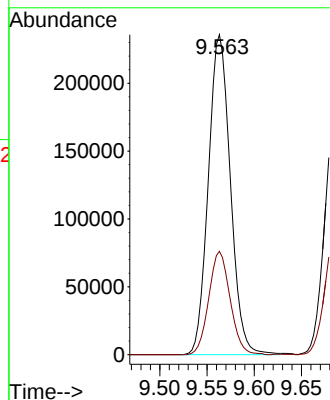
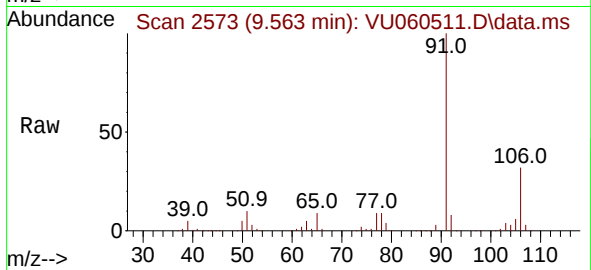




#52
Ethylbenzene
Concen: 10.728 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.003 min
Lab File: VU060511.D
Acq: 23 Aug 2024 13:31

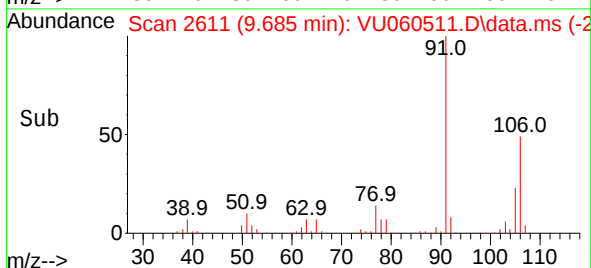
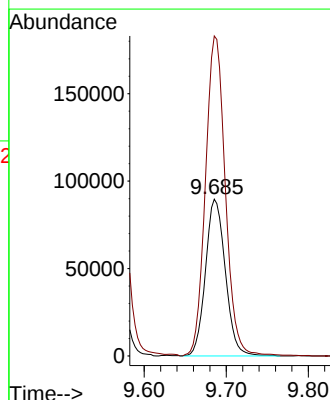
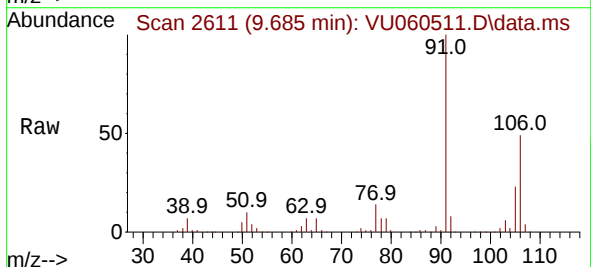
Instrument :
MSVOA_U
ClientSampleId :

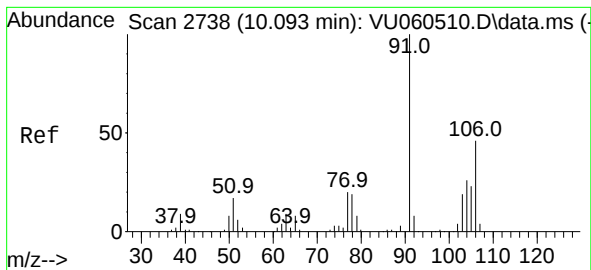
Tgt Ion: 91 Resp: 382060
Ion Ratio Lower Upper
91 100
106 32.3 21.9 40.7



#53
m,p-Xylene
Concen: 11.437 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.003 min
Lab File: VU060511.D
Acq: 23 Aug 2024 13:31

Tgt Ion:106 Resp: 151430
Ion Ratio Lower Upper
106 100
91 204.1 141.5 262.9

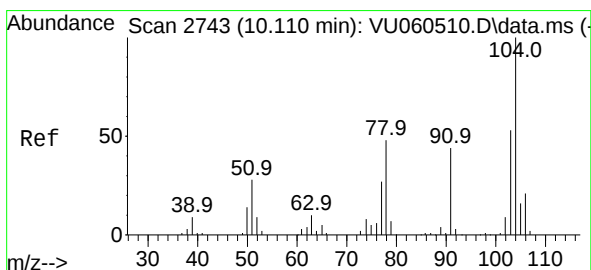
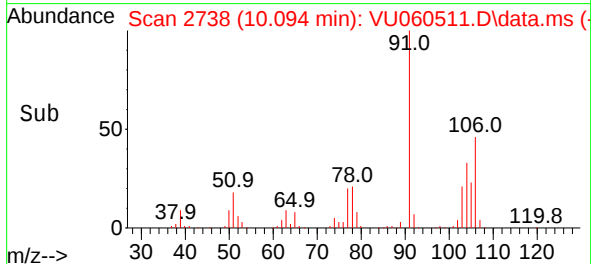
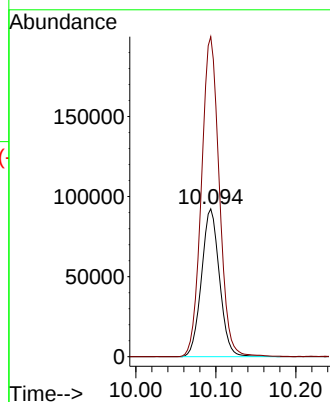
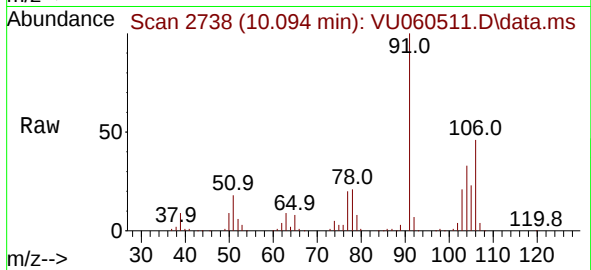




#54
o-Xylene
Concen: 10.677 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU060511.D
Acq: 23 Aug 2024 13:31

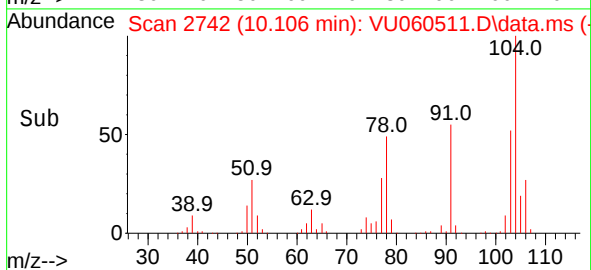
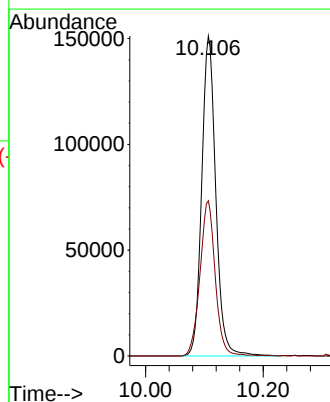
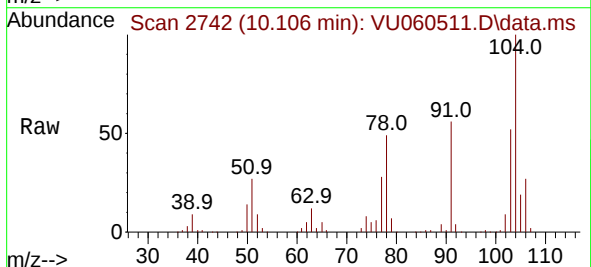
Instrument :
MSVOA_U
ClientSampleId :

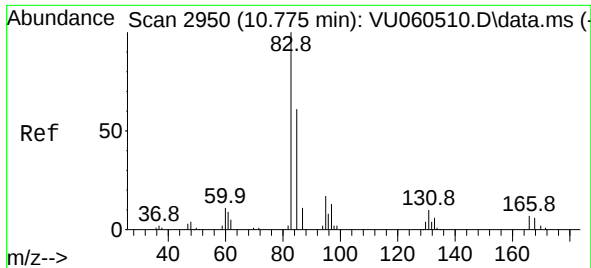
Tgt Ion:106 Resp: 144717
Ion Ratio Lower Upper
106 100
91 216.5 151.1 280.7



#55
Styrene
Concen: 11.289 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. -0.003 min
Lab File: VU060511.D
Acq: 23 Aug 2024 13:31

Tgt Ion:104 Resp: 250728
Ion Ratio Lower Upper
104 100
78 48.5 33.3 61.9

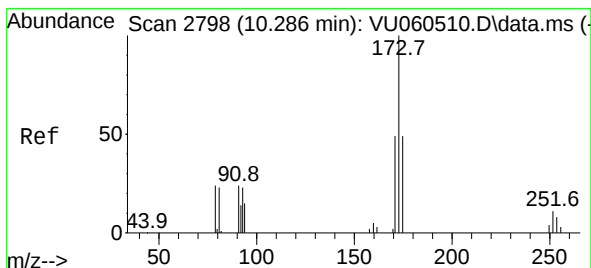
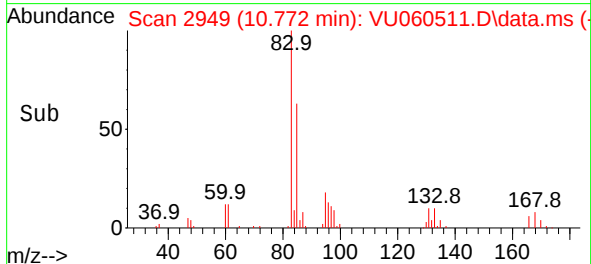
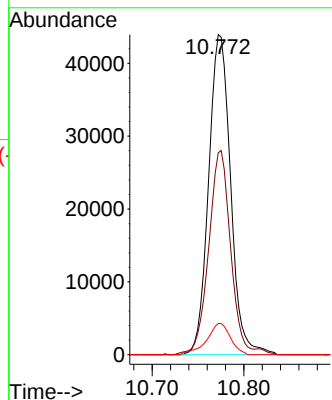
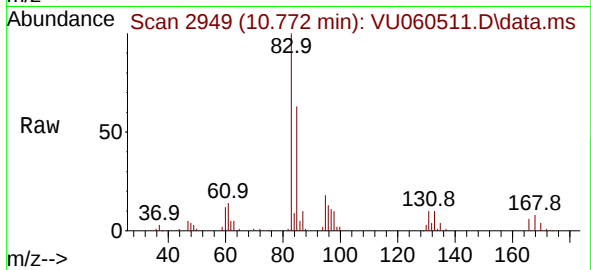




#57
1,1,2,2-Tetrachloroethane
Concen: 9.726 ug/L
RT: 10.772 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU060511.D
Acq: 23 Aug 2024 13:31

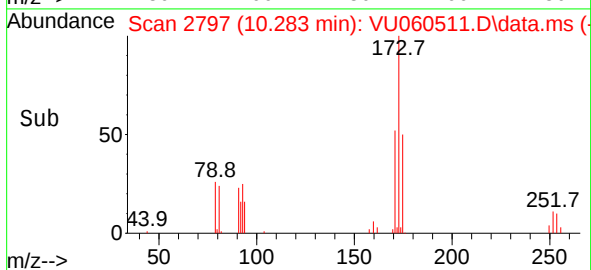
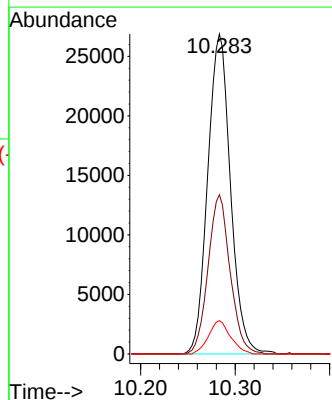
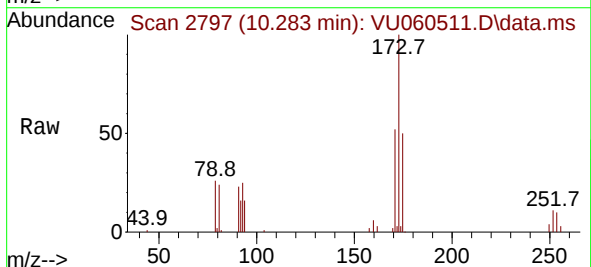
Instrument :
MSVOA_U
ClientSampleId :

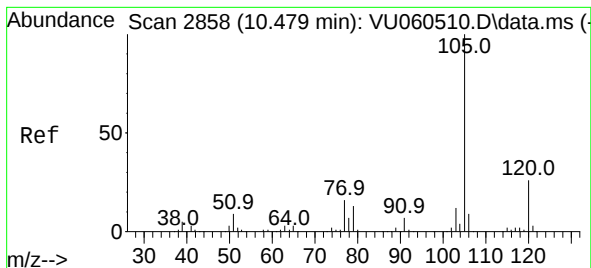
Tgt Ion: 83 Resp: 73301
Ion Ratio Lower Upper
83 100
85 63.1 43.3 80.5
131 9.8 8.9 13.3



#59
Bromoform
Concen: 9.737 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. -0.003 min
Lab File: VU060511.D
Acq: 23 Aug 2024 13:31

Tgt Ion:173 Resp: 44976
Ion Ratio Lower Upper
173 100
175 48.0 39.8 59.8
254 10.0 8.2 12.2





#60

Isopropylbenzene

Concen: 10.374 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. -0.003 min

Lab File: VU060511.D

Acq: 23 Aug 2024 13:31

Instrument :

MSVOA_U

ClientSampleId :

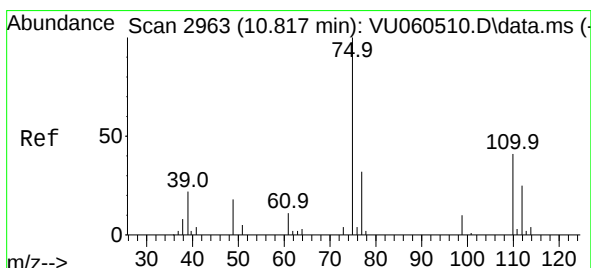
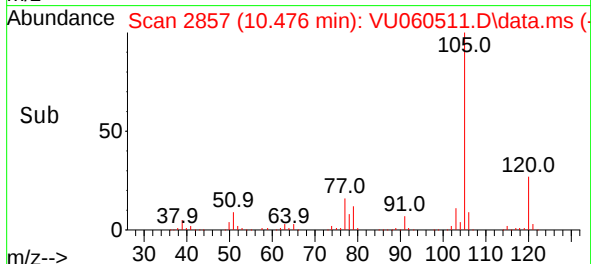
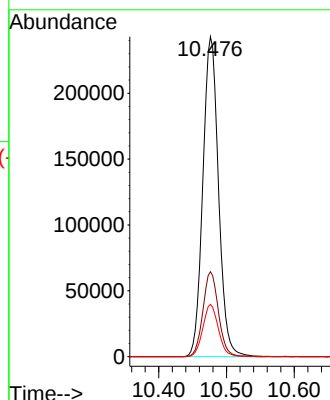
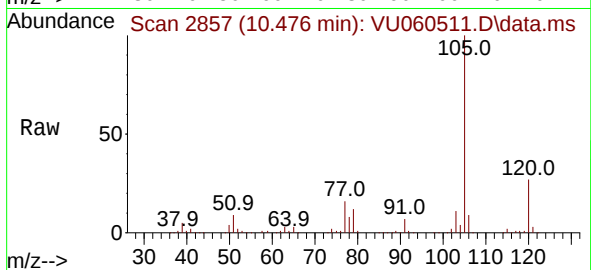
Tgt Ion:105 Resp: 389537

Ion Ratio Lower Upper

105 100

120 26.3 21.0 31.4

77 16.3 13.0 19.4



#61

1,2,3-Trichloropropane

Concen: 9.983 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. -0.003 min

Lab File: VU060511.D

Acq: 23 Aug 2024 13:31

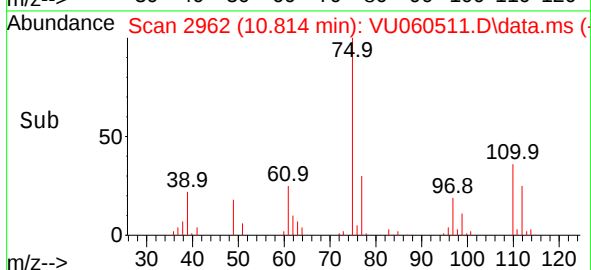
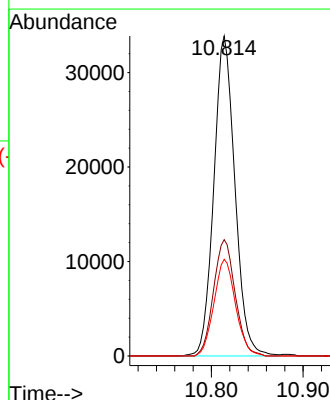
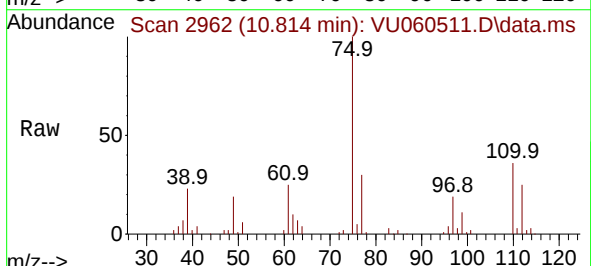
Tgt Ion: 75 Resp: 54128

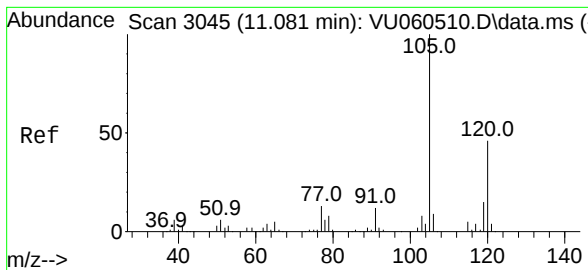
Ion Ratio Lower Upper

75 100

110 37.3 30.2 45.4

77 30.9 25.4 38.2

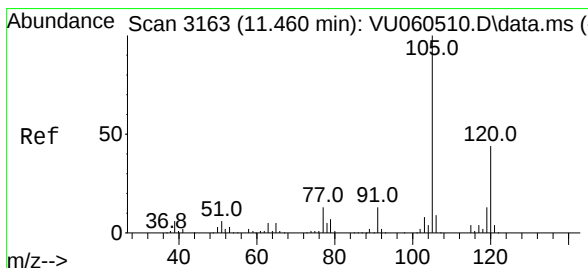
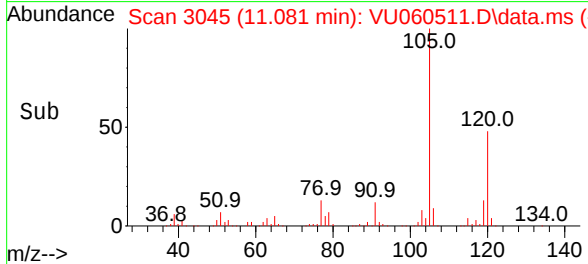
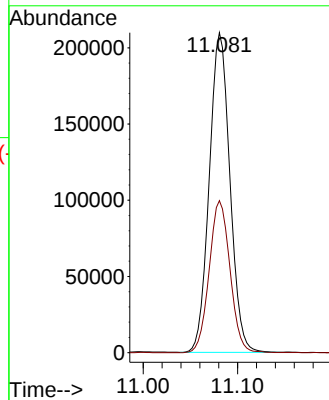
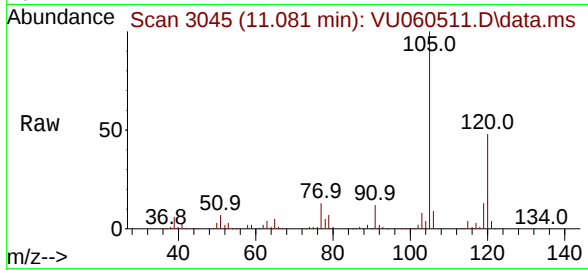




#62
1,3,5-Trimethylbenzene
Concen: 11.360 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. 0.000 min
Lab File: VU060511.D
Acq: 23 Aug 2024 13:31

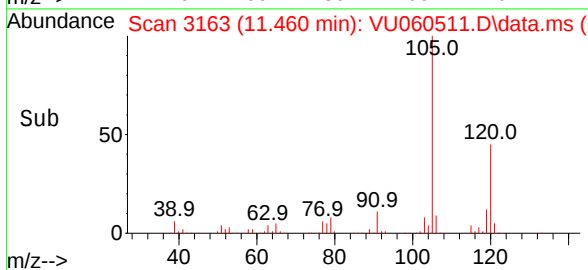
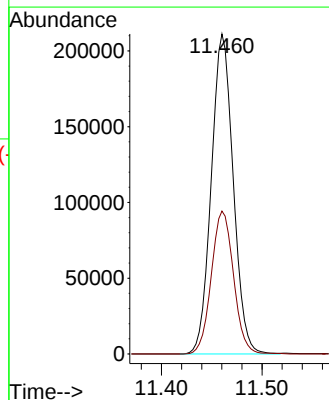
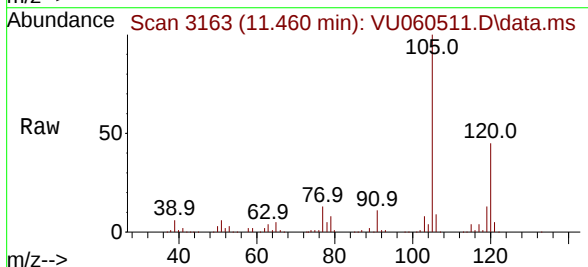
Instrument :
MSVOA_U
ClientSampleId :

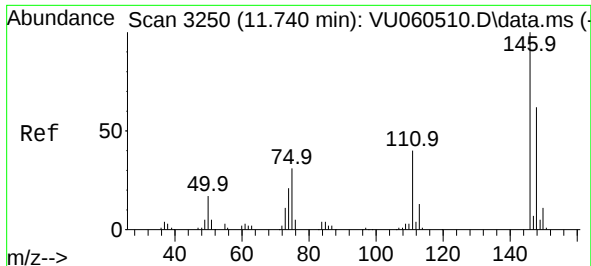
Tgt Ion:105 Resp: 317915
Ion Ratio Lower Upper
105 100
120 48.0 37.4 56.0



#63
1,2,4-Trimethylbenzene
Concen: 11.206 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VU060511.D
Acq: 23 Aug 2024 13:31

Tgt Ion:105 Resp: 319917
Ion Ratio Lower Upper
105 100
120 45.2 35.7 53.5





#64

1,3-Dichlorobenzene

Concen: 9.970 ug/L

RT: 11.737 min Scan# 3249

Delta R.T. -0.003 min

Lab File: VU060511.D

Acq: 23 Aug 2024 13:31

Instrument :

MSVOA_U

ClientSampleId :

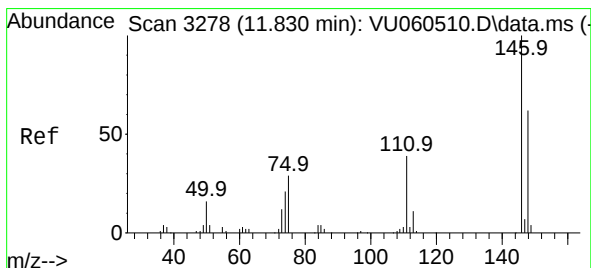
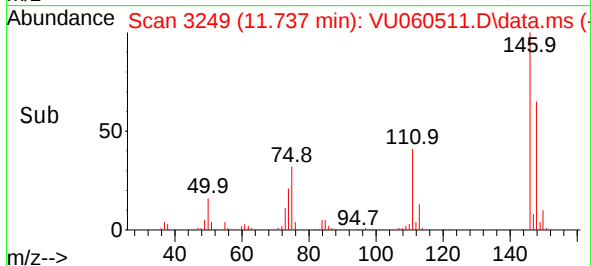
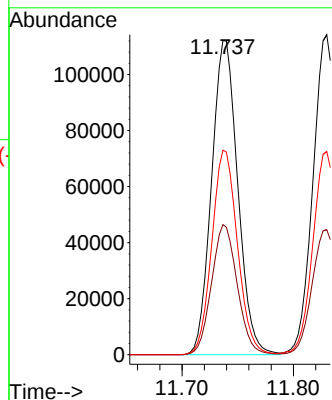
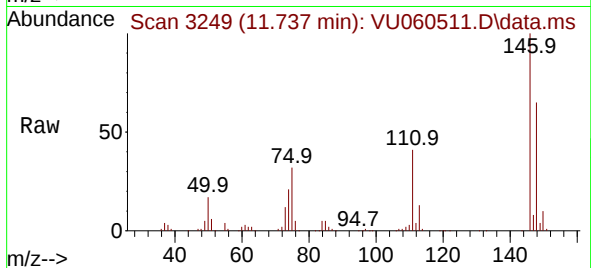
Tgt Ion:146 Resp: 183220

Ion Ratio Lower Upper

146 100

111 41.4 27.9 51.9

148 65.1 43.5 80.7



#65

1,4-Dichlorobenzene

Concen: 9.753 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VU060511.D

Acq: 23 Aug 2024 13:31

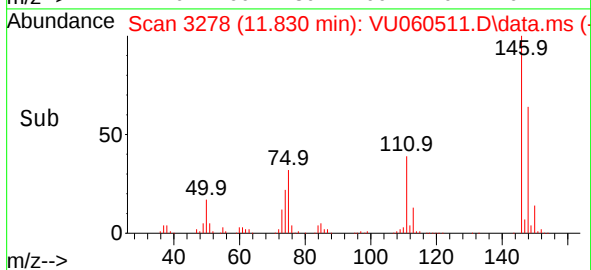
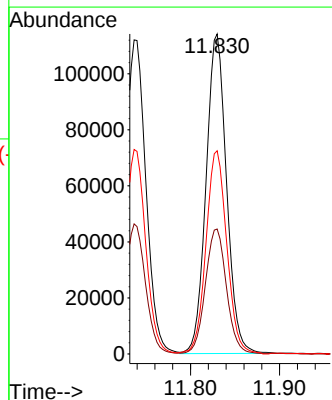
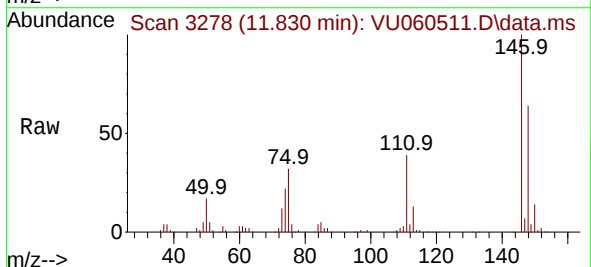
Tgt Ion:146 Resp: 181884

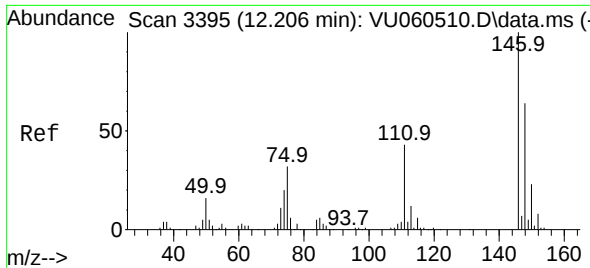
Ion Ratio Lower Upper

146 100

111 39.1 27.2 50.4

148 63.5 43.6 81.0

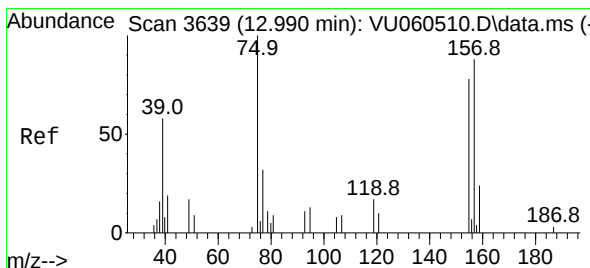
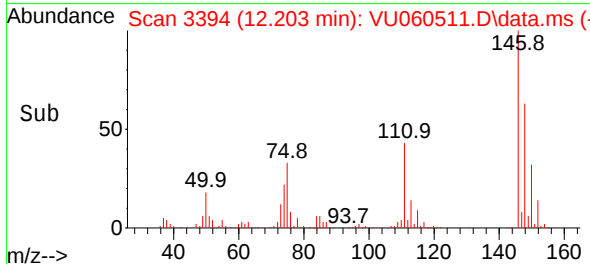
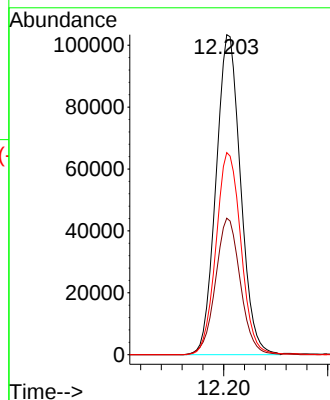
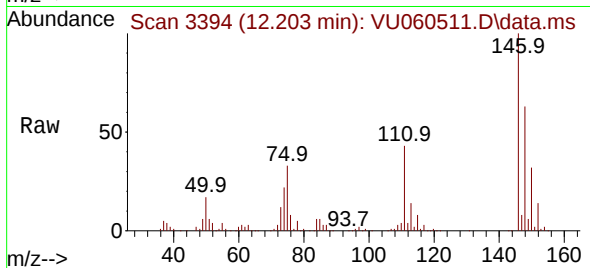




#67
1,2-Dichlorobenzene
Concen: 9.847 ug/L
RT: 12.203 min Scan# 3395
Delta R.T. -0.003 min
Lab File: VU060511.D
Acq: 23 Aug 2024 13:31

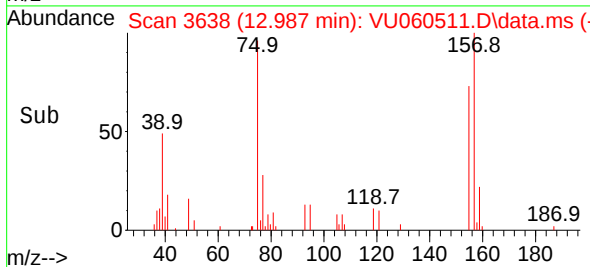
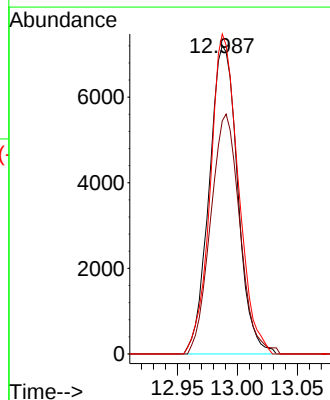
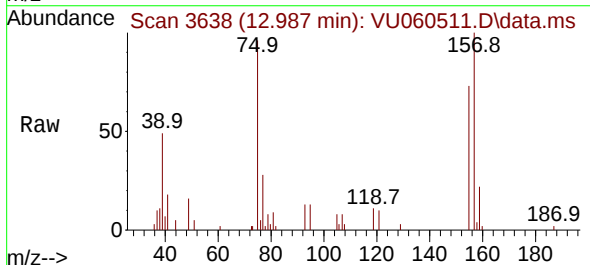
Instrument :
MSVOA_U
ClientSampleId :

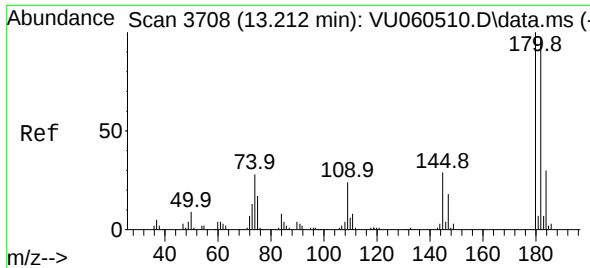
Tgt Ion:146 Resp: 169776
Ion Ratio Lower Upper
146 100
111 42.7 34.6 52.0
148 63.1 51.4 77.2



#68
1,2-Dibromo-3-chloropropane
Concen: 9.711 ug/L
RT: 12.987 min Scan# 3638
Delta R.T. -0.003 min
Lab File: VU060511.D
Acq: 23 Aug 2024 13:31

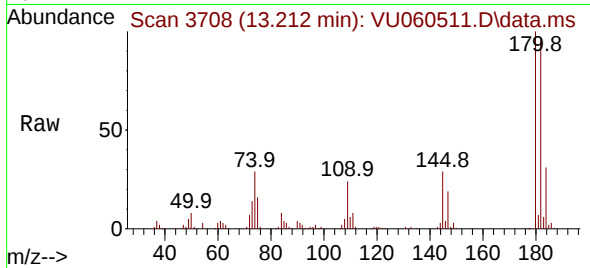
Tgt Ion: 75 Resp: 11885
Ion Ratio Lower Upper
75 100
155 75.7 62.7 94.1
157 103.8 70.4 105.6



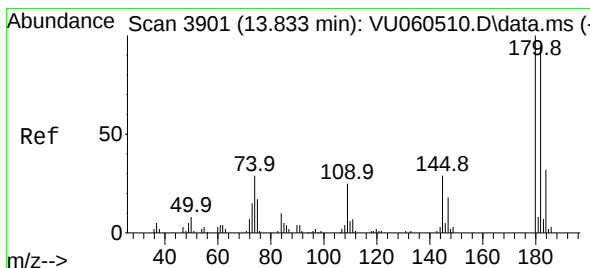
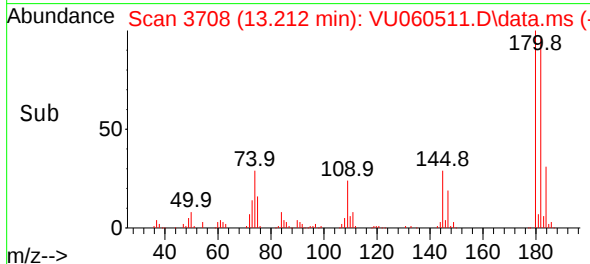
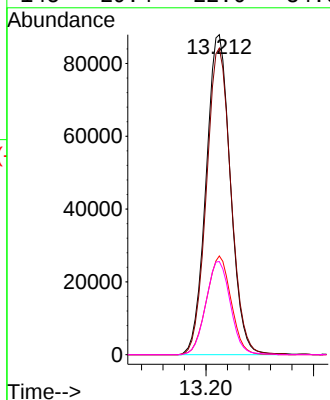


#69
1,3,5-Trichlorobenzene
Concen: 9.742 ug/L
RT: 13.212 min Scan# 3708
Delta R.T. 0.000 min
Lab File: VU060511.D
Acq: 23 Aug 2024 13:31

Instrument :
MSVOA_U
ClientSampleId :

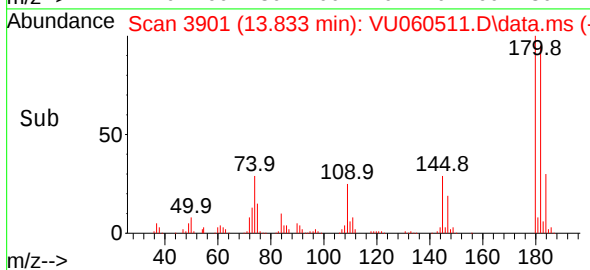
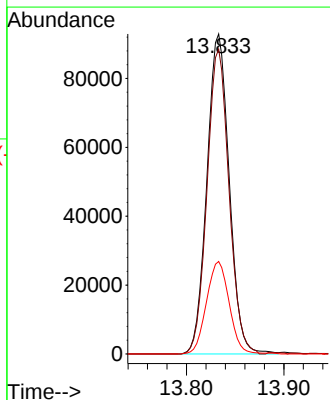
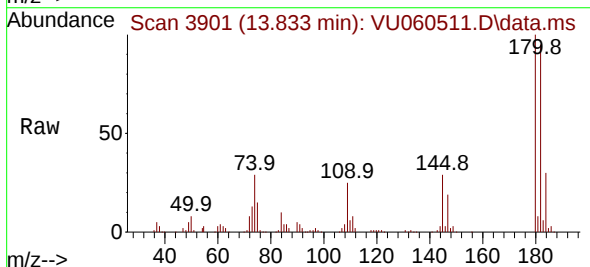


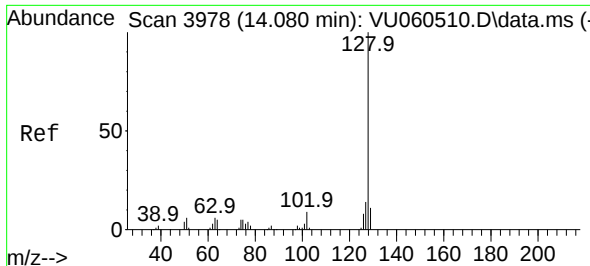
Tgt Ion:180 Resp: 138052
Ion Ratio Lower Upper
180 100
182 96.3 77.6 116.4
184 31.1 24.9 37.3
145 29.4 22.6 34.0



#70
1,2,4-trichlorobenzene
Concen: 12.955 ug/L
RT: 13.833 min Scan# 3901
Delta R.T. 0.000 min
Lab File: VU060511.D
Acq: 23 Aug 2024 13:31

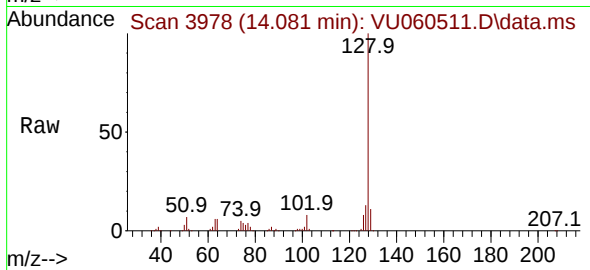
Tgt Ion:180 Resp: 148111
Ion Ratio Lower Upper
180 100
182 93.6 77.3 115.9
145 29.5 23.9 35.9



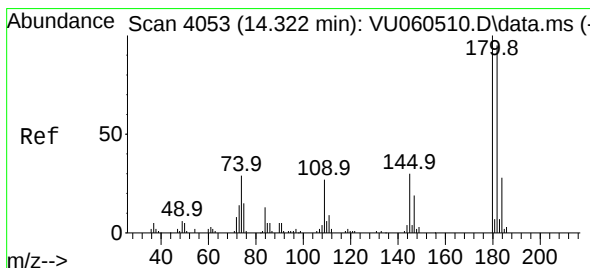
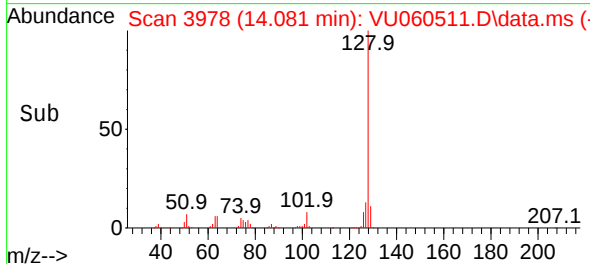
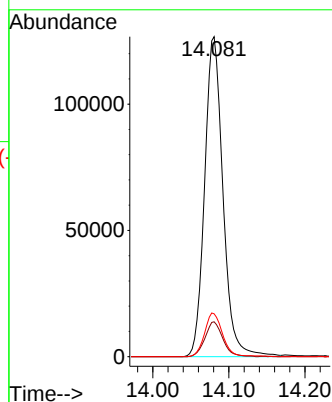


#71
Naphthalene
Concen: 14.577 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU060511.D
Acq: 23 Aug 2024 13:31

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 212914
Ion Ratio Lower Upper
128 100
129 10.6 8.5 12.7
127 13.5 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 12.711 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU060511.D
Acq: 23 Aug 2024 13:31

Tgt Ion:180 Resp: 121612
Ion Ratio Lower Upper
180 100
182 94.2 76.0 114.0
145 31.5 24.3 36.5

