

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082324\
 Data File : VU060510.D
 Acq On : 23 Aug 2024 13:06
 Operator : MD/SY
 Sample : VSTD00514
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 24 01:19:32 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	95034	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	97150	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	51113	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	18229	4.343	ug/L	0.00
7) Chloroethane-d5	1.910	69	31948	5.024	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.557	65	15318	6.192	ug/L	0.00
20) 2-Butanone-d5	4.634	46	72428	50.178	ug/L	0.00
24) Chloroform-d	5.055	84	61000	5.097	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.698	65	32067	5.135	ug/L	0.00
32) Benzene-d6	5.721	84	105606	4.971	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	34040	4.966	ug/L	0.00
41) Toluene-d8	7.891	98	101181	5.077	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	12706	5.180	ug/L	0.00
46) 2-Hexanone-d5	8.627	63	55996	47.683	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.749	84	38969	6.389	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	37180	4.933	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	53868	4.995	ug/L	100
3) Chloromethane	1.518	50	41672	4.460	ug/L	100
5) Vinyl chloride	1.602	62	40660	4.419	ug/L	100
6) Bromomethane	1.856	94	45927	4.960	ug/L	100
8) Chloroethane	1.930	64	41384	4.930	ug/L	100
9) Trichlorofluoromethane	2.132	101	98819	4.940	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	51574	6.094	ug/L	100
12) 1,1-Dichloroethene	2.573	96	48532	6.231	ug/L	100
13) Acetone	2.647	43	74740	61.358	ug/L	100
14) Carbon disulfide	2.788	76	150746	5.964	ug/L	100
15) Methyl Acetate	2.955	43	12312	5.066	ug/L	100
16) Methylene chloride	3.039	84	36631	4.842	ug/L	100
17) Methyl tert-butyl Ether	3.357	73	77804	4.922	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	33686	4.968	ug/L	100
19) 1,1-Dichloroethane	3.862	63	68274	4.969	ug/L	100
21) 2-Butanone	4.714	43	78809	47.713	ug/L	100
22) cis-1,2-Dichloroethene	4.660	96	36922	4.887	ug/L	100
23) Bromochloromethane	4.968	128	17354	5.054	ug/L	100
25) Chloroform	5.078	83	73089	5.026	ug/L	100
27) 1,2-Dichloroethane	5.785	62	46839	4.799	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	64832	4.872	ug/L	100
30) Cyclohexane	5.380	56	53086	4.819	ug/L	100
31) Carbon tetrachloride	5.515	117	59747	4.859	ug/L	100
33) Benzene	5.766	78	149212	4.843	ug/L	100
34) Trichloroethene	6.534	95	41799	5.005	ug/L	100
35) Methylcyclohexane	6.756	83	56051	4.891	ug/L	100
37) 1,2-Dichloropropane	6.785	63	39458	4.998	ug/L	100
38) Bromodichloromethane	7.097	83	50051	4.824	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	57092	4.932	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	206730	50.276	ug/L	100
42) Toluene	7.962	91	163660	5.026	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	48627	5.117	ug/L	100

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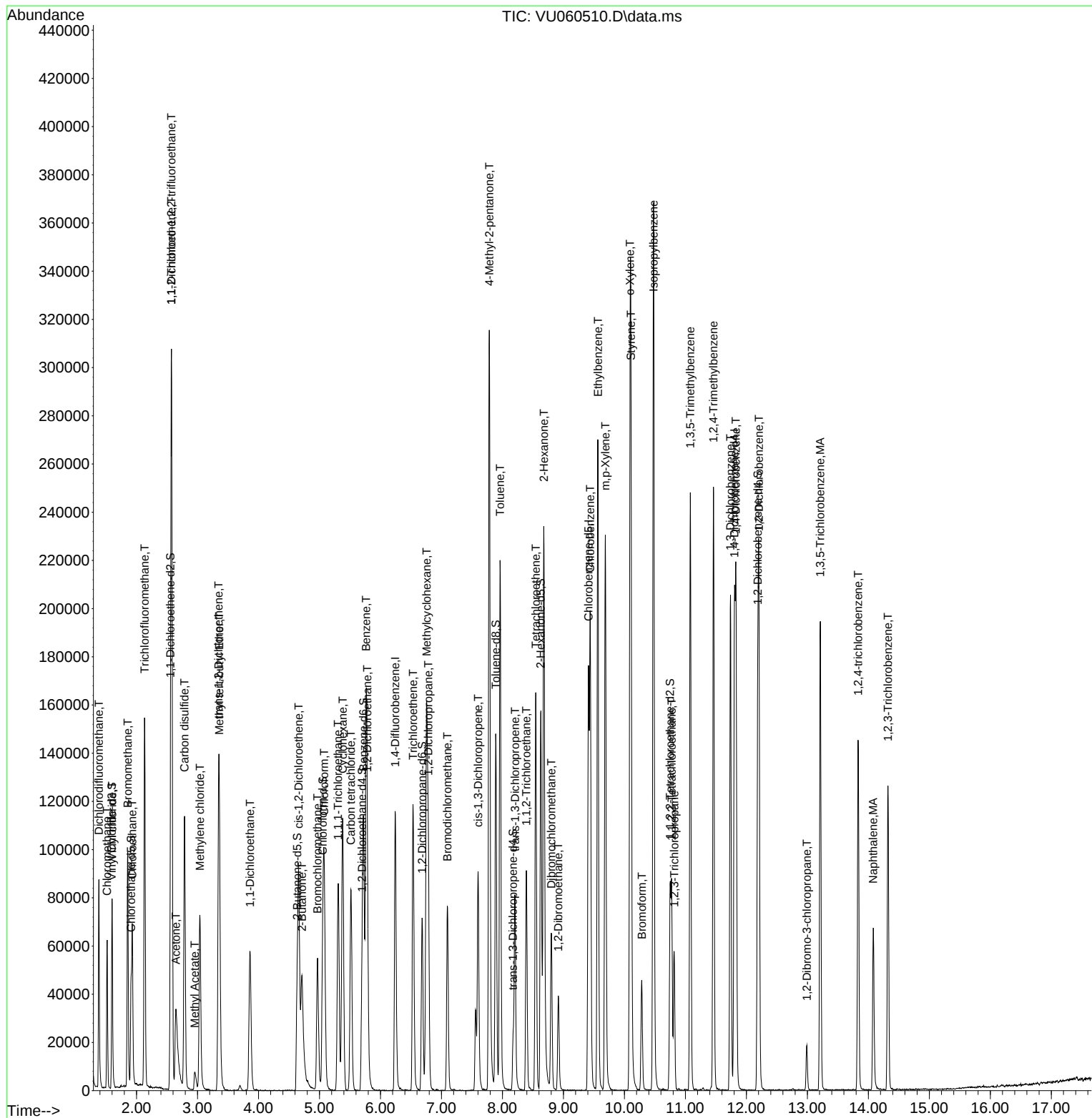
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.393	97	27773	4.856	ug/L	100
47) Tetrachloroethene	8.547	164	36458	5.326	ug/L	100
48) 2-Hexanone	8.679	43	152954	50.626	ug/L	100
49) Dibromochloromethane	8.801	129	34201	5.165	ug/L	100
50) 1,2-Dibromoethane	8.917	107	26137	4.978	ug/L	100
51) Chlorobenzene	9.441	112	103854	4.927	ug/L	100
52) Ethylbenzene	9.566	91	185347	5.371	ug/L	100
53) m,p-Xylene	9.688	106	67343	5.250	ug/L	100
54) o-Xylene	10.093	106	63824	4.860	ug/L	100
55) Styrene	10.110	104	109032	5.067	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	42025	5.755	ug/L	100
59) Bromoform	10.286	173	21062	5.014	ug/L	100
60) Isopropylbenzene	10.479	105	239080	7.001	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	24688	5.007	ug/L	100
62) 1,3,5-Trimethylbenzene	11.081	105	133521	5.246	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	135102	5.204	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	84693	5.068	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	83625	4.931	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	77107	4.918	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.990	75	5374	4.829	ug/L	100
69) 1,3,5-Trichlorobenzene	13.212	180	61353	4.761	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	45634	4.389	ug/L	100
71) Naphthalene	14.080	128	59449	4.476	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	41046	4.718	ug/L	100

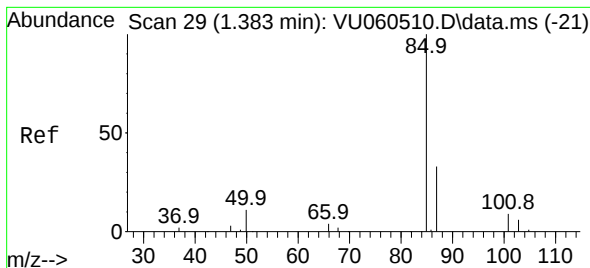
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 4.995 ug/L

RT: 1.383 min Scan# 29

Delta R.T. 0.000 min

Lab File: VU060510.D

Acq: 23 Aug 2024 13:06

Instrument :

MSVOA_U

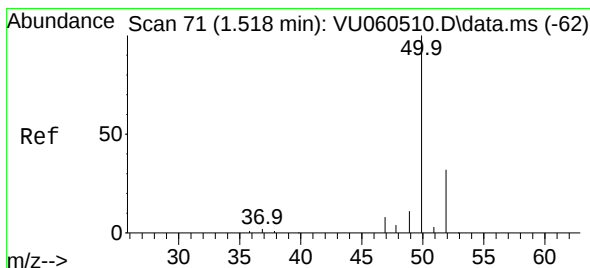
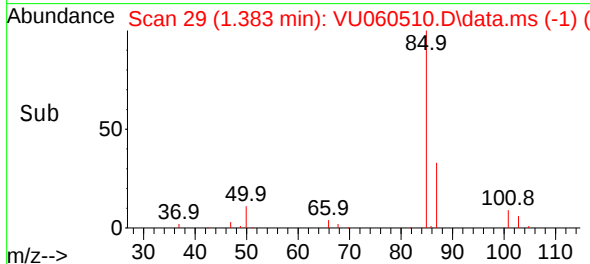
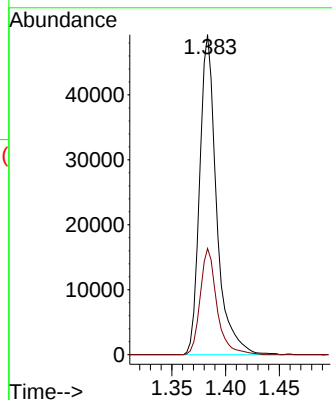
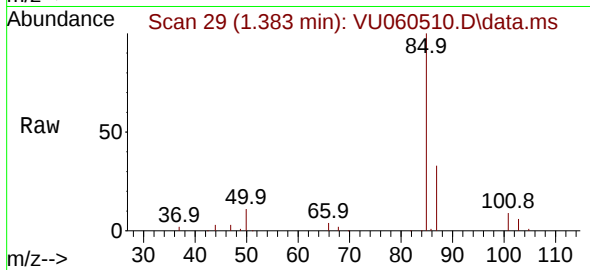
ClientSampleId :

Tgt Ion: 85 Resp: 53868

Ion Ratio Lower Upper

85 100

87 32.8 26.2 39.4



#3

Chloromethane

Concen: 4.460 ug/L

RT: 1.518 min Scan# 71

Delta R.T. 0.000 min

Lab File: VU060510.D

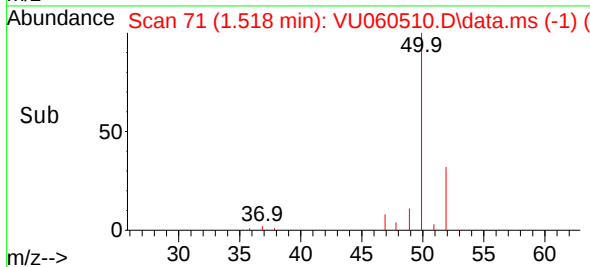
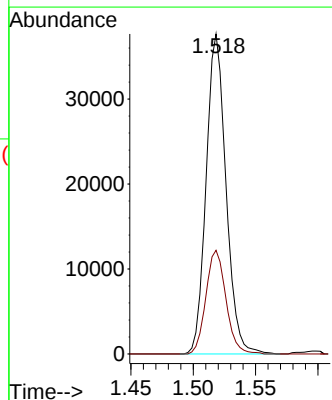
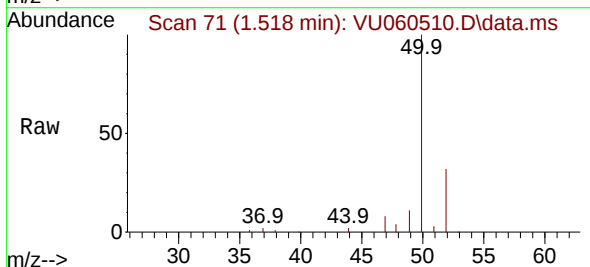
Acq: 23 Aug 2024 13:06

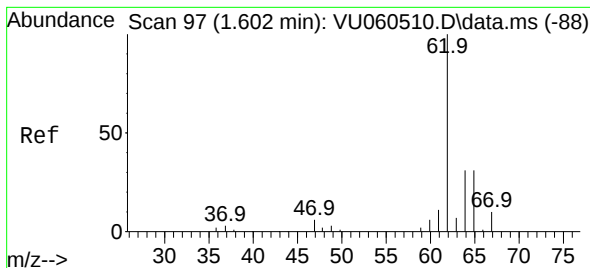
Tgt Ion: 50 Resp: 41672

Ion Ratio Lower Upper

50 100

52 32.4 22.7 42.1





#5

Vinyl chloride

Concen: 4.419 ug/L

RT: 1.602 min Scan# 97

Delta R.T. 0.000 min

Lab File: VU060510.D

Acq: 23 Aug 2024 13:06

Instrument :

MSVOA_U

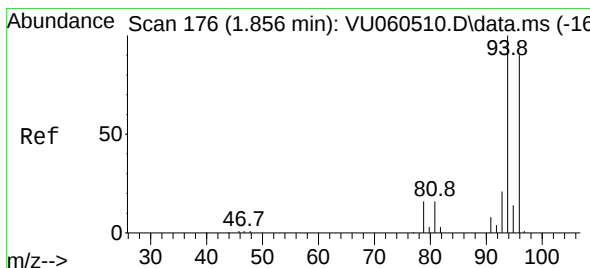
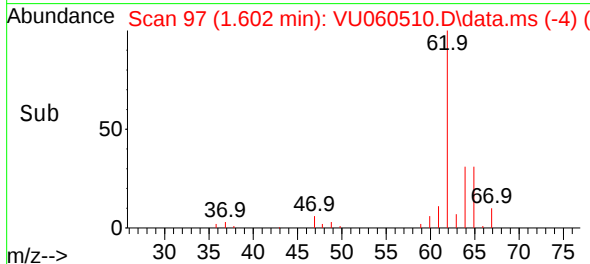
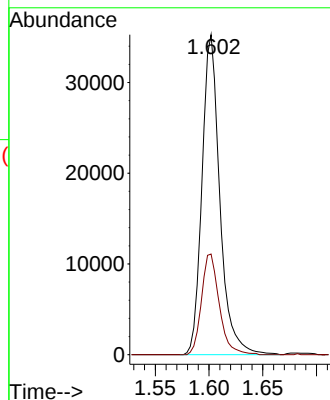
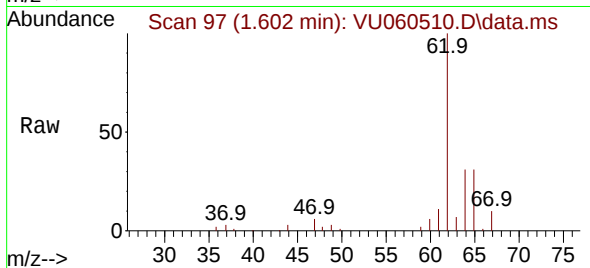
ClientSampleId :

Tgt Ion: 62 Resp: 40660

Ion Ratio Lower Upper

62 100

64 31.4 22.0 40.8



#6

Bromomethane

Concen: 4.960 ug/L

RT: 1.856 min Scan# 176

Delta R.T. 0.000 min

Lab File: VU060510.D

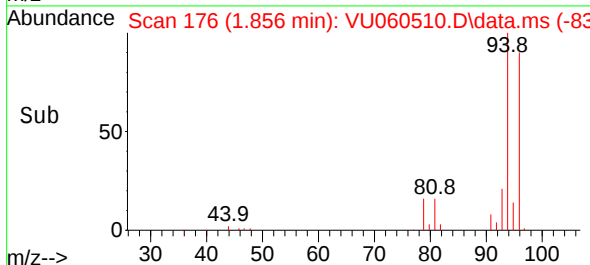
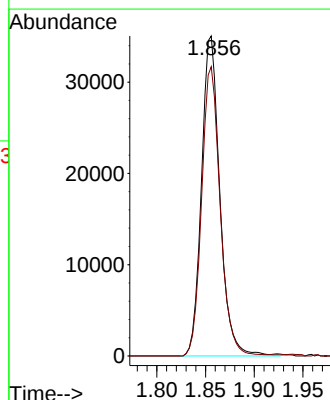
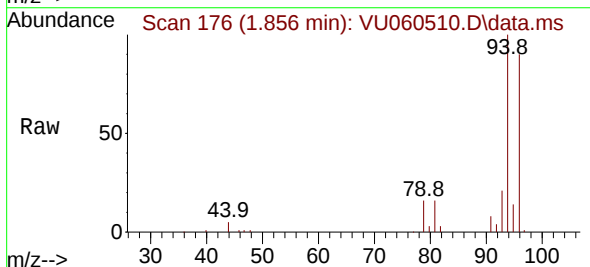
Acq: 23 Aug 2024 13:06

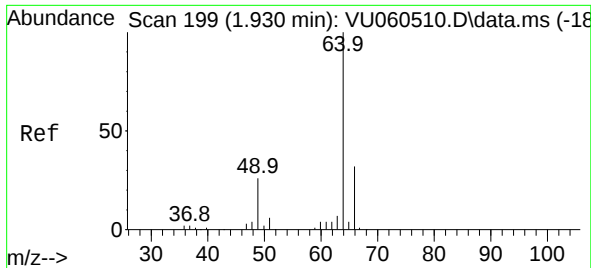
Tgt Ion: 94 Resp: 45927

Ion Ratio Lower Upper

94 100

96 90.4 63.3 117.5

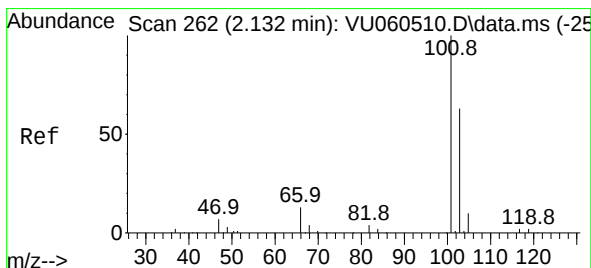
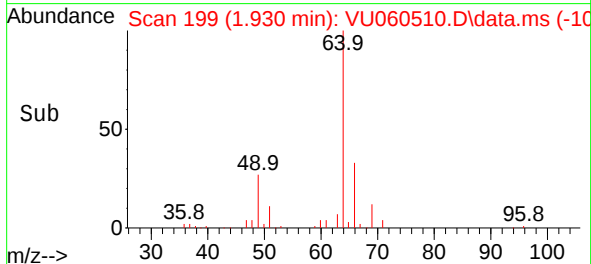
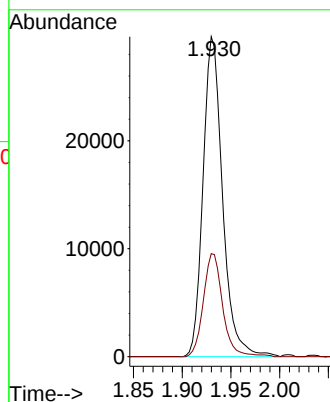
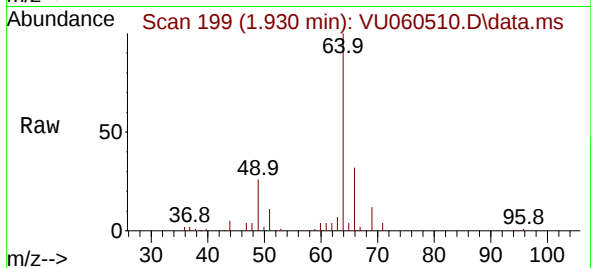




#8
Chloroethane
Concen: 4.930 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU060510.D
Acq: 23 Aug 2024 13:06

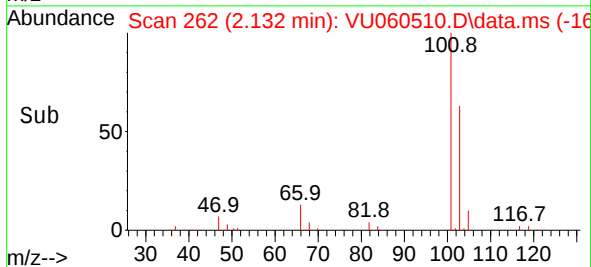
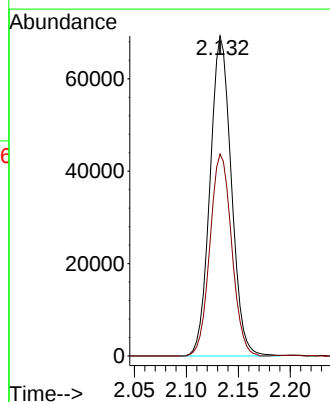
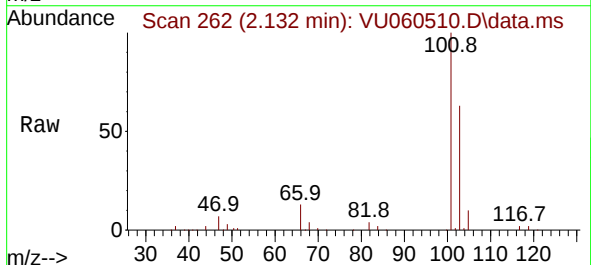
Instrument :
MSVOA_U
ClientSampleId :

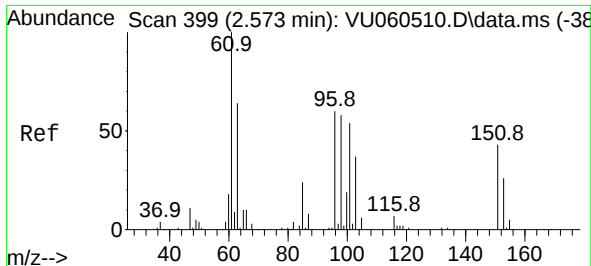
Tgt Ion: 64 Resp: 41384
Ion Ratio Lower Upper
64 100
66 32.2 22.5 41.9



#9
Trichlorofluoromethane
Concen: 4.940 ug/L
RT: 2.132 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU060510.D
Acq: 23 Aug 2024 13:06

Tgt Ion:101 Resp: 98819
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.2

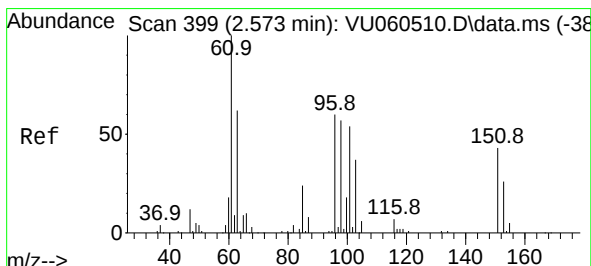
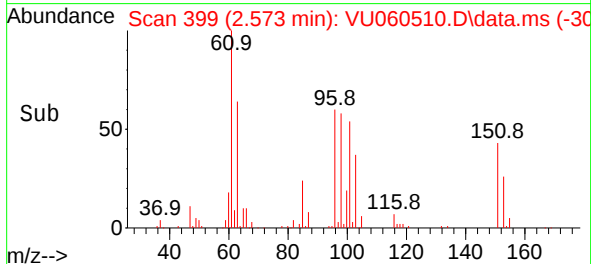
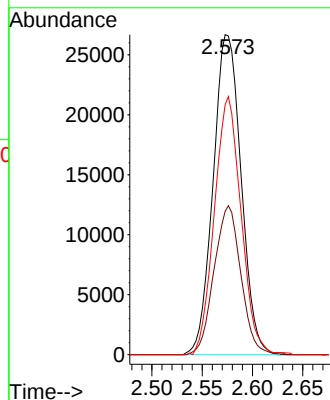
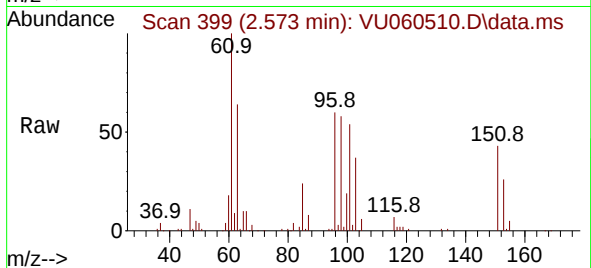




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 6.094 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU060510.D
Acq: 23 Aug 2024 13:06

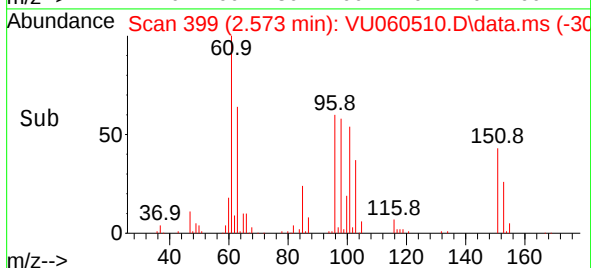
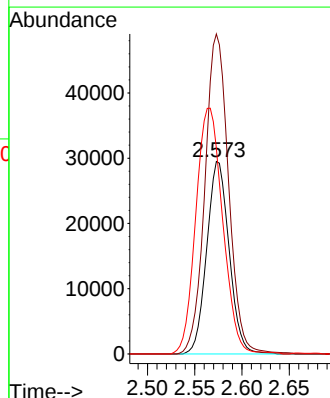
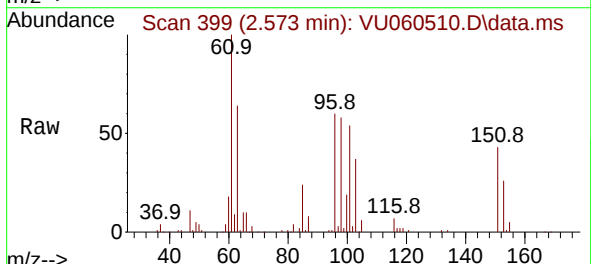
Instrument :
MSVOA_U
ClientSampleId :

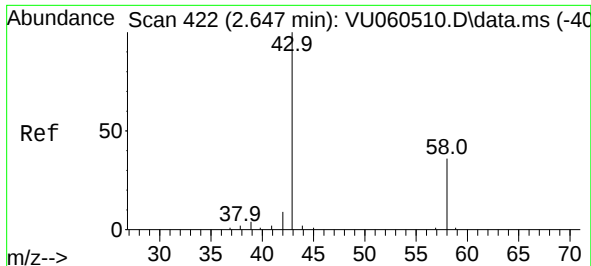
Tgt Ion:101 Resp: 51574
Ion Ratio Lower Upper
101 100
85 44.7 35.8 53.6
151 77.1 61.7 92.5



#12
1,1-Dichloroethene
Concen: 6.231 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU060510.D
Acq: 23 Aug 2024 13:06

Tgt Ion: 96 Resp: 48532
Ion Ratio Lower Upper
96 100
61 166.3 116.4 216.2
63 106.9 74.8 139.0





#13

Acetone

Concen: 61.358 ug/L

RT: 2.647 min Scan# 422

Delta R.T. 0.000 min

Lab File: VU060510.D

Acq: 23 Aug 2024 13:06

Instrument :

MSVOA_U

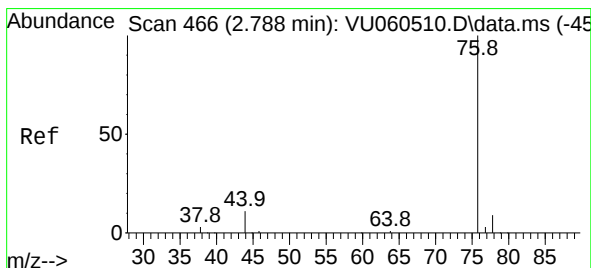
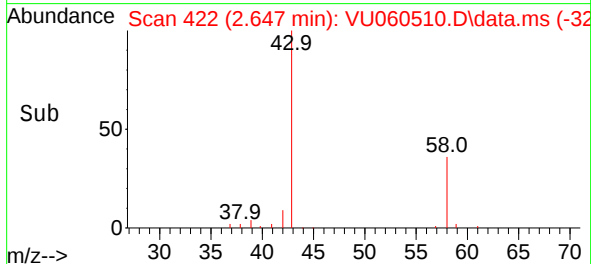
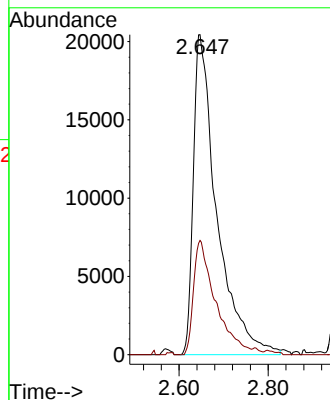
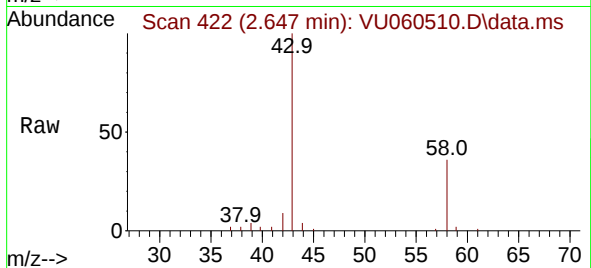
ClientSampleId :

Tgt Ion: 43 Resp: 74740

Ion Ratio Lower Upper

43 100

58 33.4 0.0 66.8



#14

Carbon disulfide

Concen: 5.964 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU060510.D

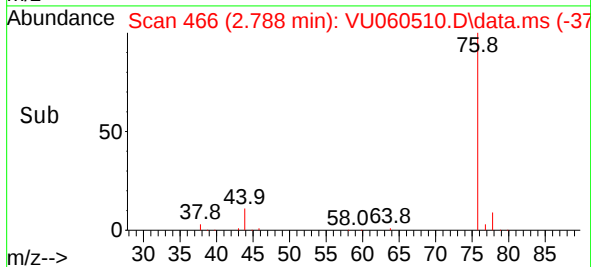
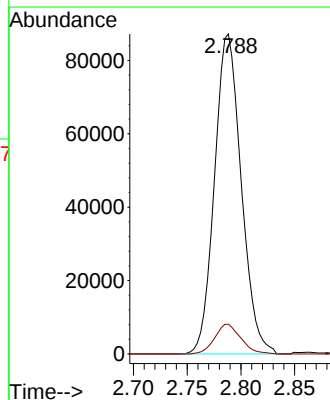
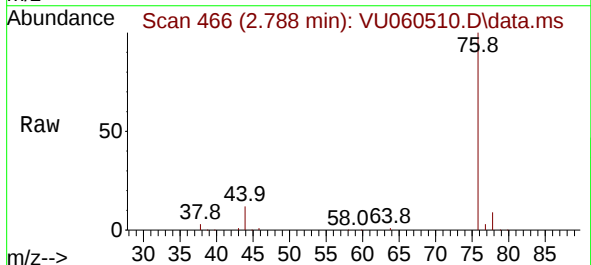
Acq: 23 Aug 2024 13:06

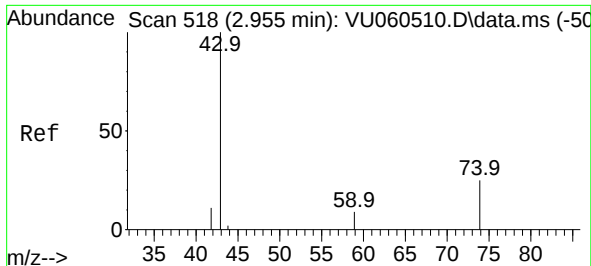
Tgt Ion: 76 Resp: 150746

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2





#15

Methyl Acetate

Concen: 5.066 ug/L

RT: 2.955 min Scan# 518

Delta R.T. 0.000 min

Lab File: VU060510.D

Acq: 23 Aug 2024 13:06

Instrument :

MSVOA_U

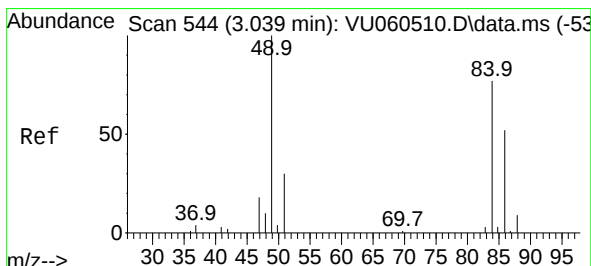
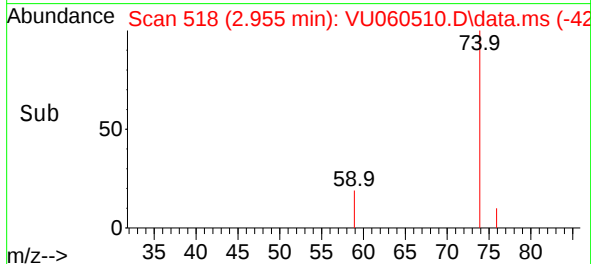
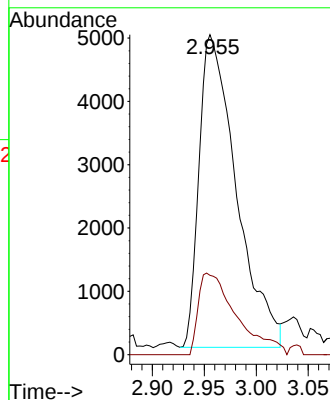
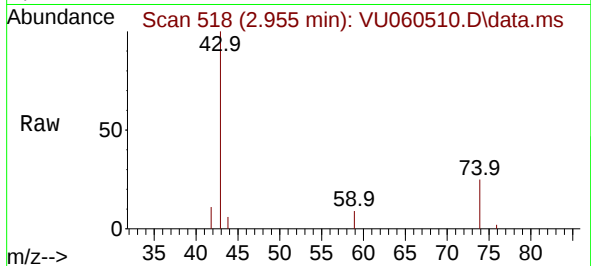
ClientSampleId :

Tgt Ion: 43 Resp: 12312

Ion Ratio Lower Upper

43 100

74 26.8 21.4 32.2



#16

Methylene chloride

Concen: 4.842 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.000 min

Lab File: VU060510.D

Acq: 23 Aug 2024 13:06

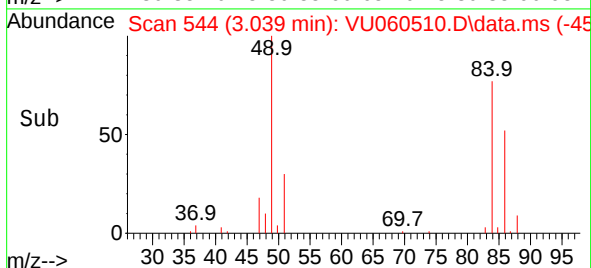
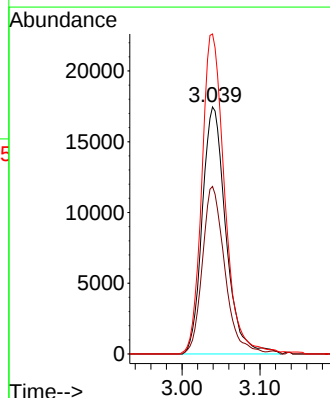
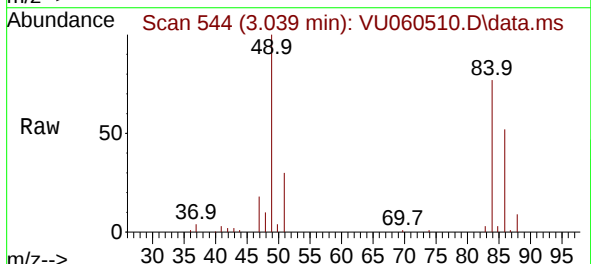
Tgt Ion: 84 Resp: 36631

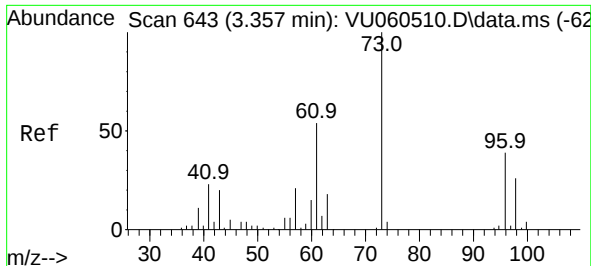
Ion Ratio Lower Upper

84 100

86 67.9 47.5 88.3

49 134.8 94.4 175.2

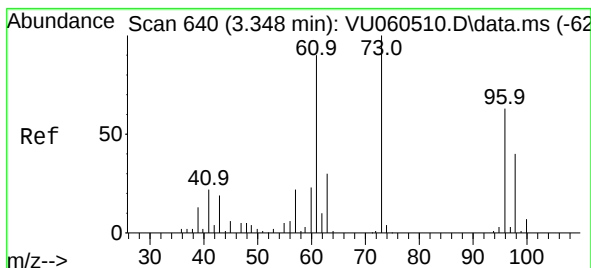
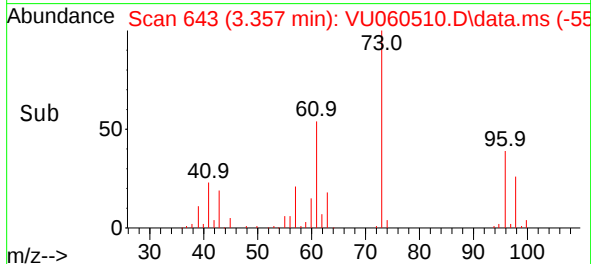
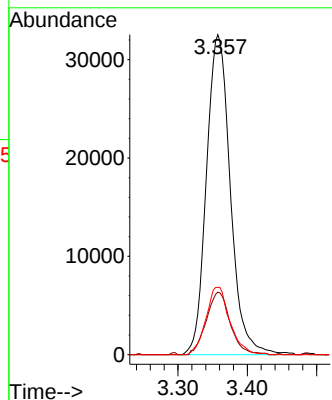
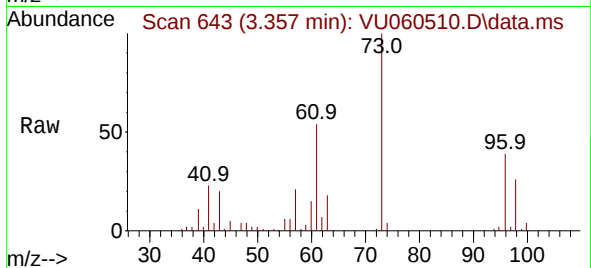




#17
Methyl tert-butyl Ether
Concen: 4.922 ug/L
RT: 3.357 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU060510.D
Acq: 23 Aug 2024 13:06

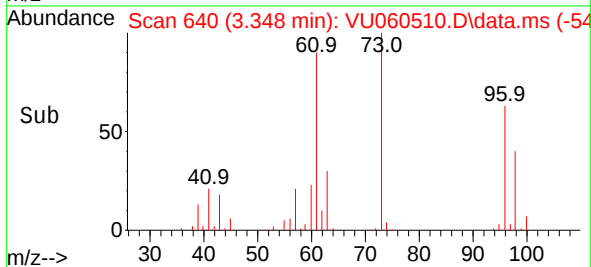
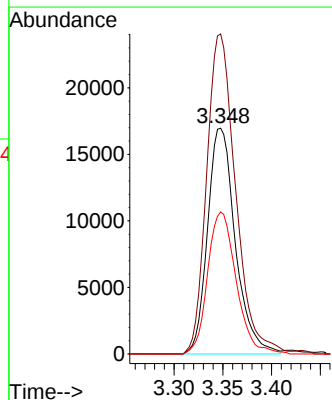
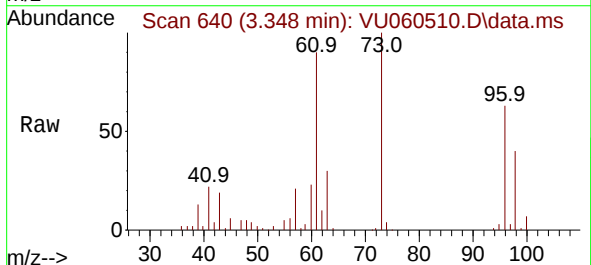
Instrument :
MSVOA_U
ClientSampleId :

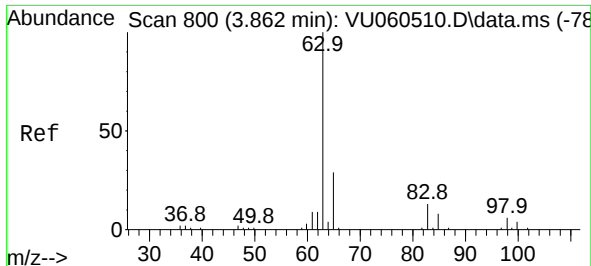
Tgt Ion: 73	Resp: 77804
Ion Ratio	Lower Upper
73 100	
43 19.7	15.8 23.6
57 21.0	16.8 25.2



#18
trans-1,2-Dichloroethene
Concen: 4.968 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU060510.D
Acq: 23 Aug 2024 13:06

Tgt Ion: 96	Resp: 33686
Ion Ratio	Lower Upper
96 100	
61 141.7	99.2 184.2
98 62.9	44.0 81.8

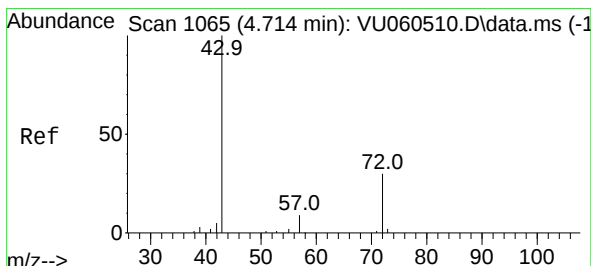
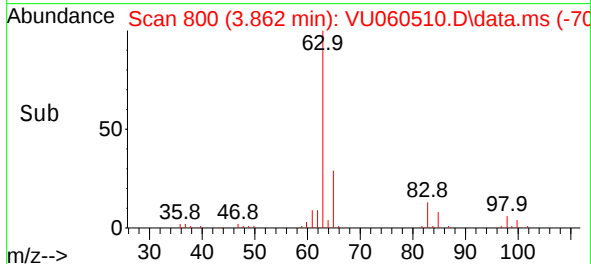
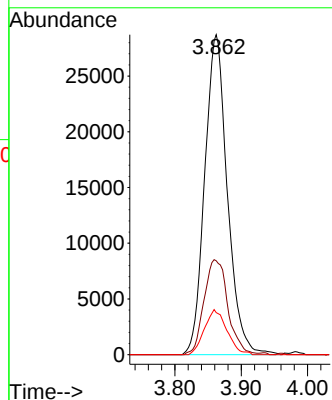
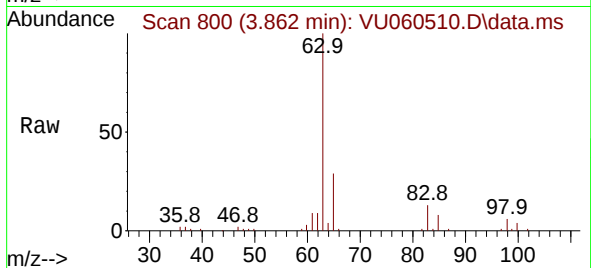




#19
1,1-Dichloroethane
Concen: 4.969 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.000 min
Lab File: VU060510.D
Acq: 23 Aug 2024 13:06

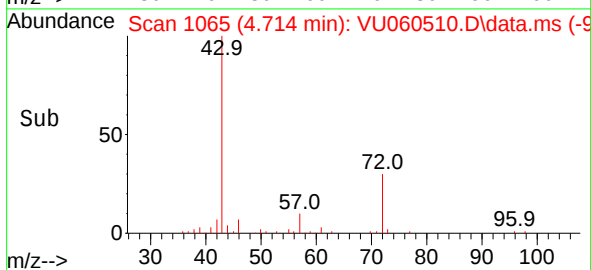
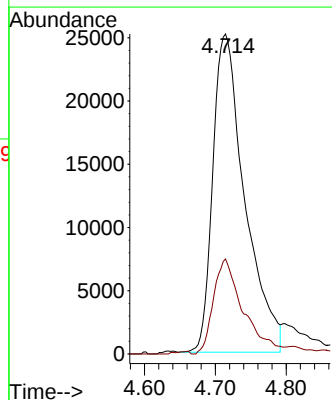
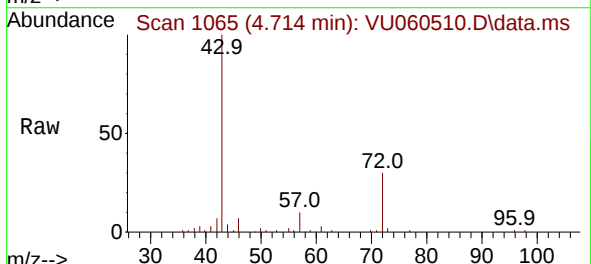
Instrument :
MSVOA_U
ClientSampleId :

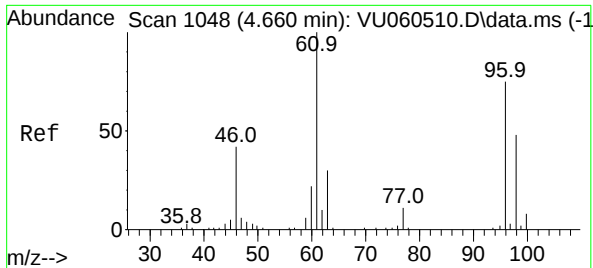
Tgt Ion: 63 Resp: 68274
Ion Ratio Lower Upper
63 100
65 29.3 20.5 38.1
83 13.2 9.2 17.2



#21
2-Butanone
Concen: 47.713 ug/L
RT: 4.714 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VU060510.D
Acq: 23 Aug 2024 13:06

Tgt Ion: 43 Resp: 78809
Ion Ratio Lower Upper
43 100
72 28.0 14.0 42.0

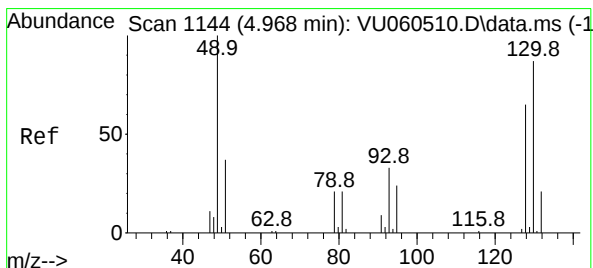
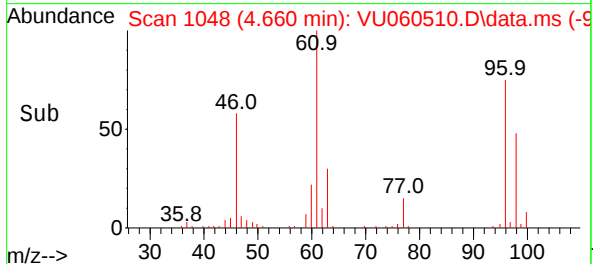
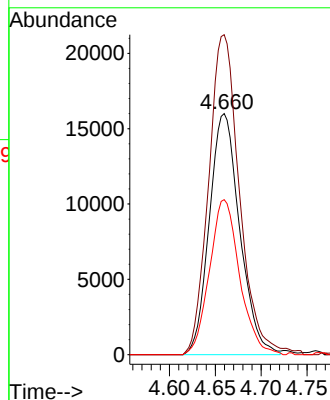
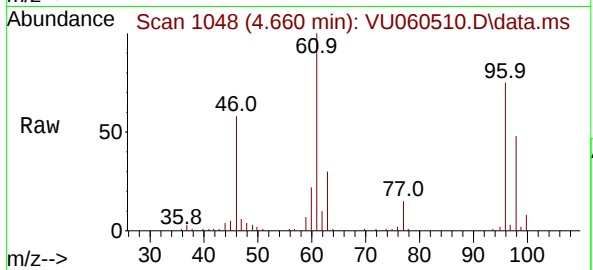




#22
 cis-1,2-Dichloroethene
 Concen: 4.887 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.000 min
 Lab File: VU060510.D
 Acq: 23 Aug 2024 13:06

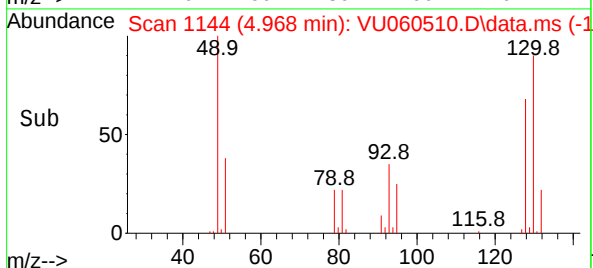
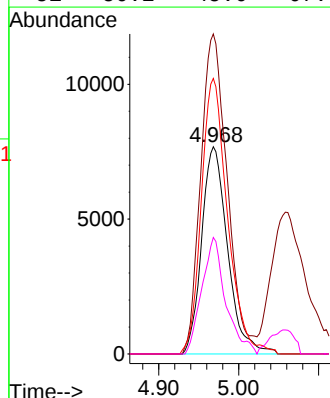
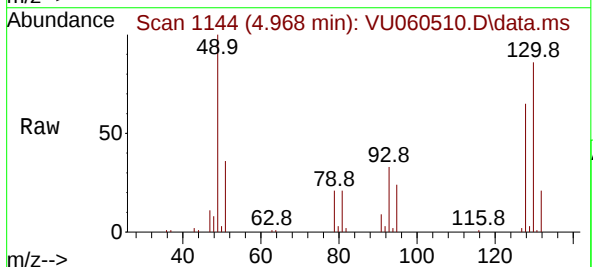
Instrument :
 MSVOA_U
 ClientSampleId :

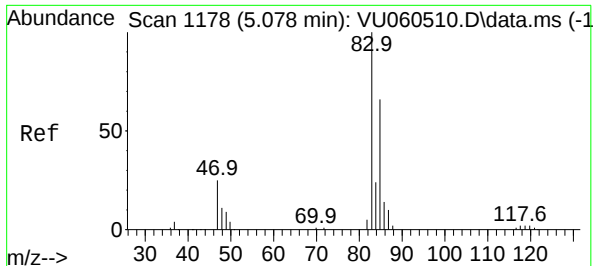
Tgt Ion: 96 Resp: 36922
 Ion Ratio Lower Upper
 96 100
 61 132.7 92.9 172.5
 98 64.3 45.0 83.6



#23
 Bromochloromethane
 Concen: 5.054 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. 0.000 min
 Lab File: VU060510.D
 Acq: 23 Aug 2024 13:06

Tgt Ion:128 Resp: 17354
 Ion Ratio Lower Upper
 128 100
 49 154.4 108.1 200.7
 130 133.0 93.1 172.9
 51 56.2 45.0 67.4





#25

Chloroform

Concen: 5.026 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU060510.D

Acq: 23 Aug 2024 13:06

Instrument :

MSVOA_U

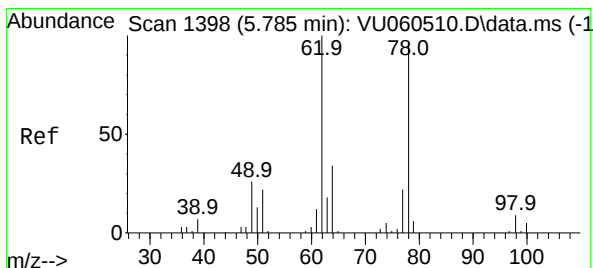
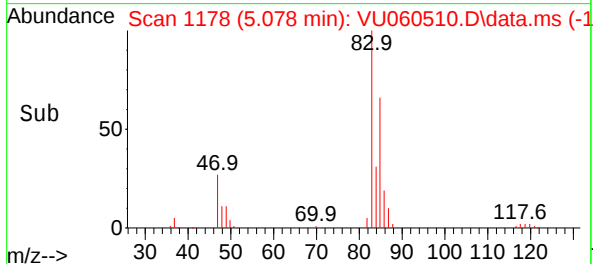
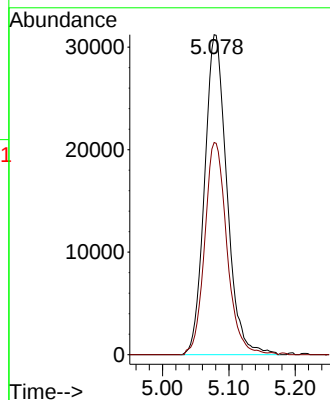
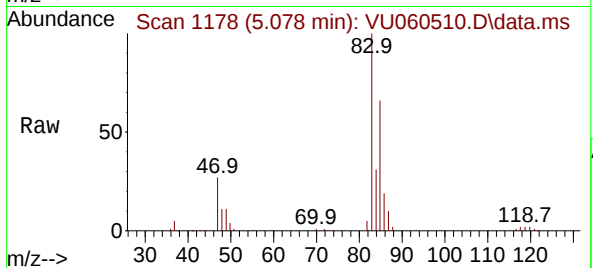
ClientSampleId :

Tgt Ion: 83 Resp: 73089

Ion Ratio Lower Upper

83 100

85 66.3 46.4 86.2



#27

1,2-Dichloroethane

Concen: 4.799 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VU060510.D

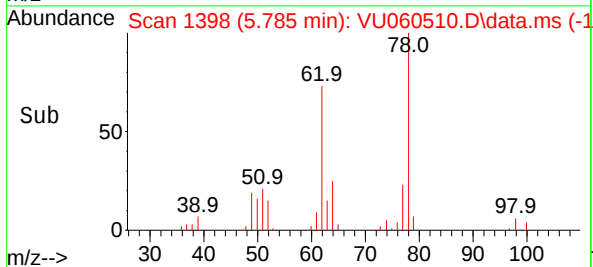
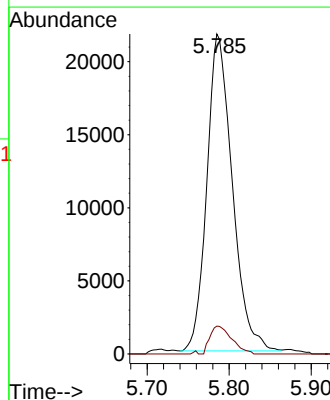
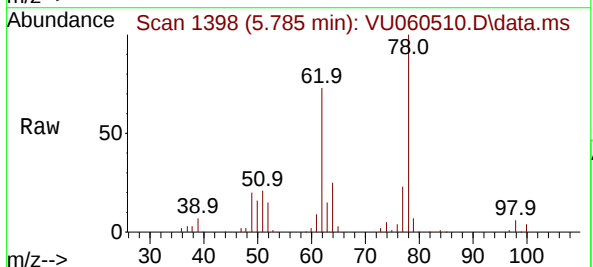
Acq: 23 Aug 2024 13:06

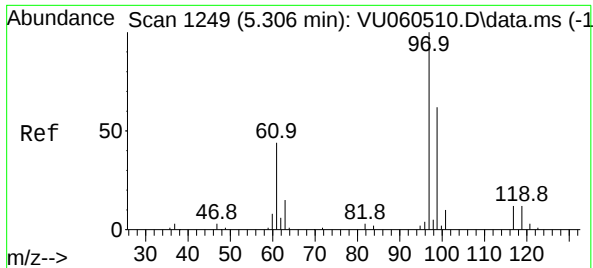
Tgt Ion: 62 Resp: 46839

Ion Ratio Lower Upper

62 100

98 8.7 7.0 10.4

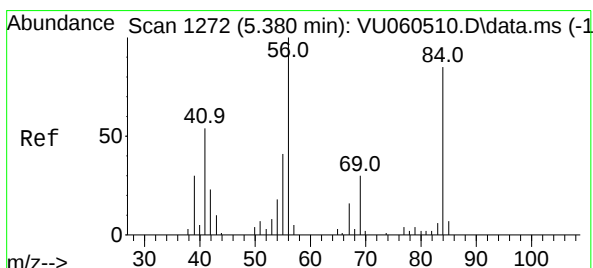
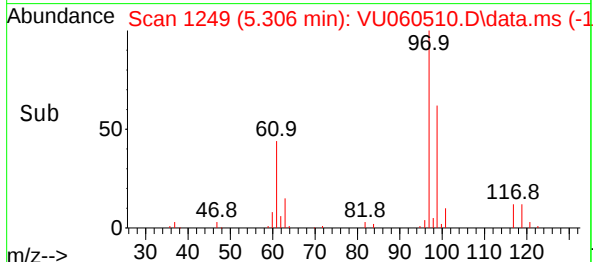
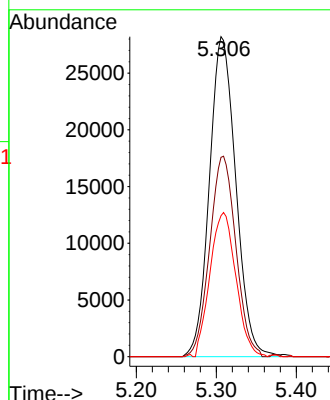
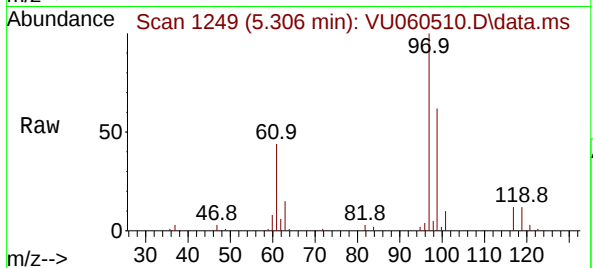




#29
1,1,1-Trichloroethane
Concen: 4.872 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU060510.D
Acq: 23 Aug 2024 13:06

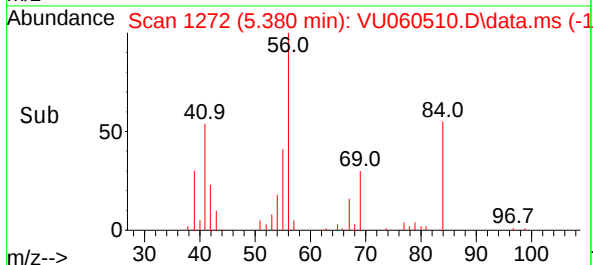
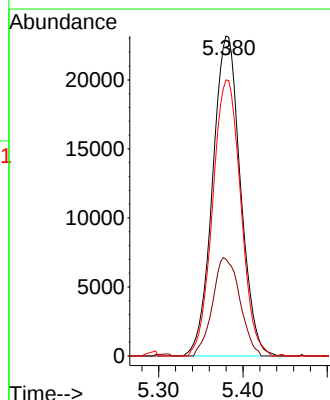
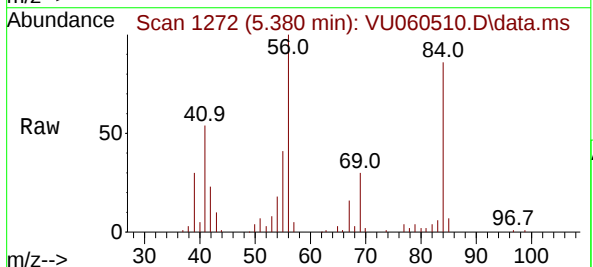
Instrument :
MSVOA_U
ClientSampleId :

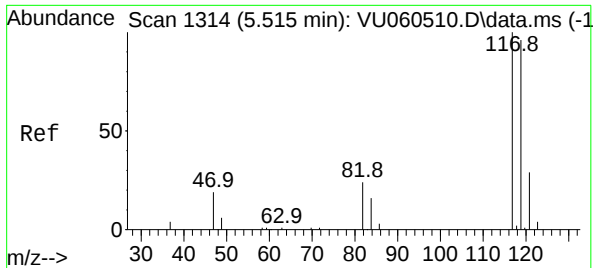
Tgt Ion: 97 Resp: 64832
Ion Ratio Lower Upper
97 100
99 62.1 49.7 74.5
61 44.3 35.4 53.2



#30
Cyclohexane
Concen: 4.819 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU060510.D
Acq: 23 Aug 2024 13:06

Tgt Ion: 56 Resp: 53086
Ion Ratio Lower Upper
56 100
69 30.2 24.2 36.2
84 87.1 69.7 104.5

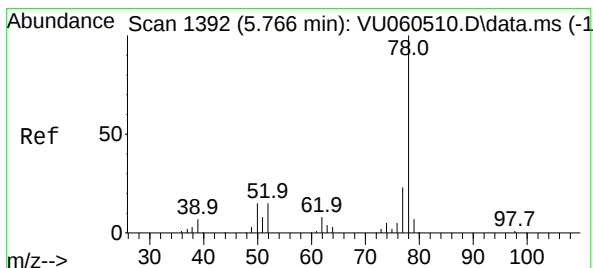
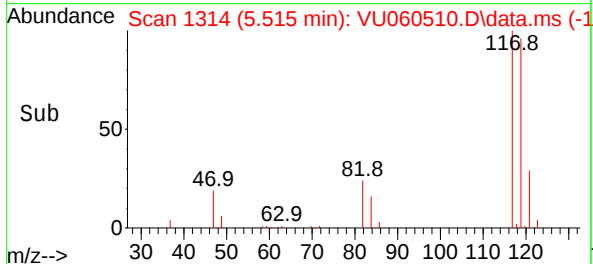
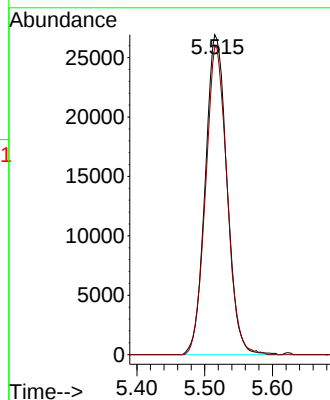
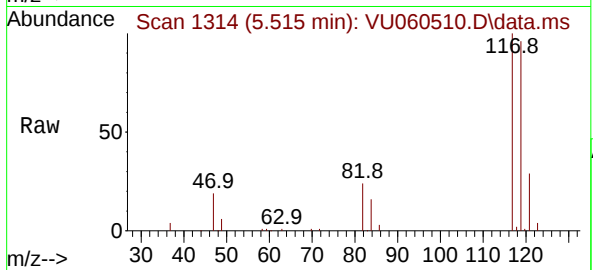




#31
Carbon tetrachloride
Concen: 4.859 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU060510.D
Acq: 23 Aug 2024 13:06

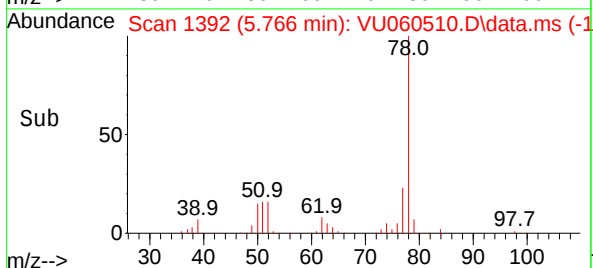
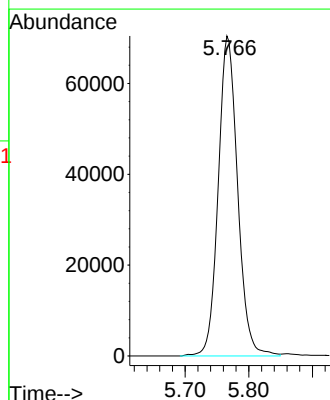
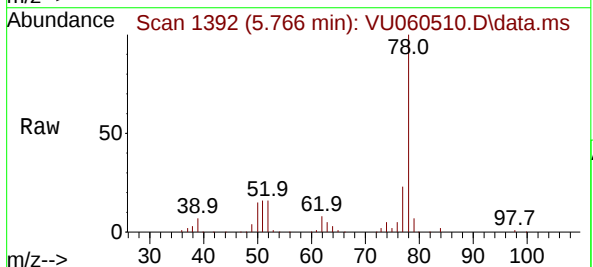
Instrument :
MSVOA_U
ClientSampleId :

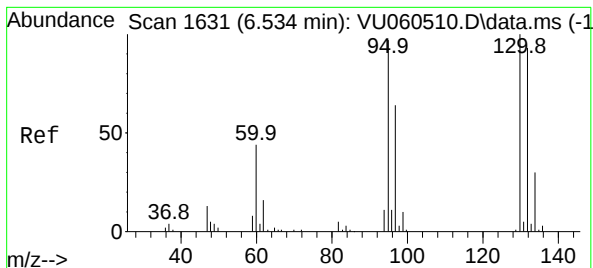
Tgt Ion:117 Resp: 59747
Ion Ratio Lower Upper
117 100
119 95.5 76.4 114.6



#33
Benzene
Concen: 4.843 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU060510.D
Acq: 23 Aug 2024 13:06

Tgt Ion: 78 Resp: 149212





#34

Trichloroethene

Concen: 5.005 ug/L

RT: 6.534 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU060510.D

Acq: 23 Aug 2024 13:06

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 41799

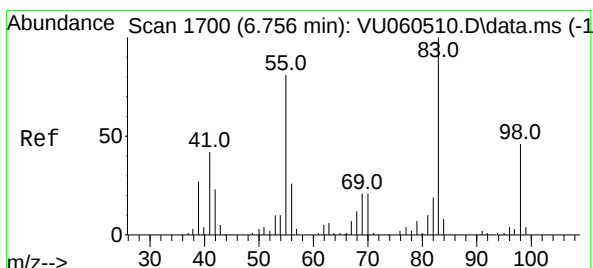
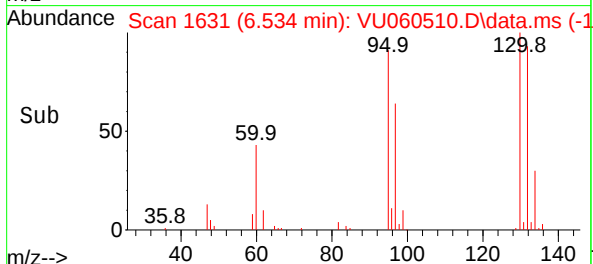
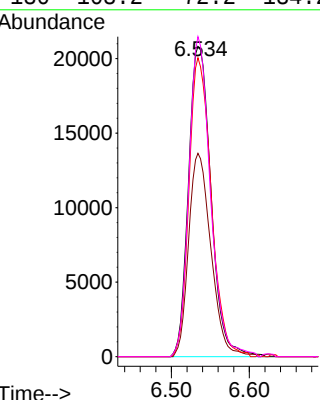
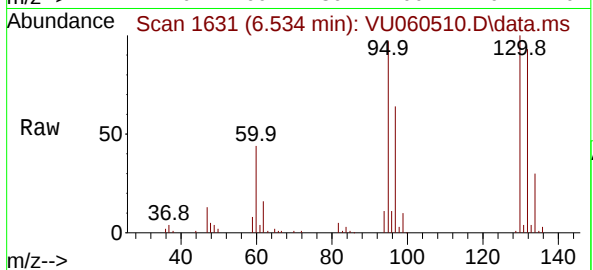
Ion Ratio Lower Upper

95 100

97 65.5 45.8 85.2

132 96.3 67.4 125.2

130 103.2 72.2 134.2



#35

Methylcyclohexane

Concen: 4.891 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VU060510.D

Acq: 23 Aug 2024 13:06

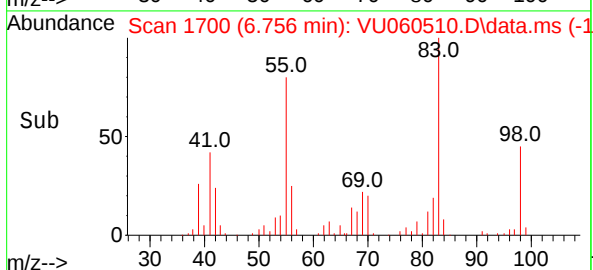
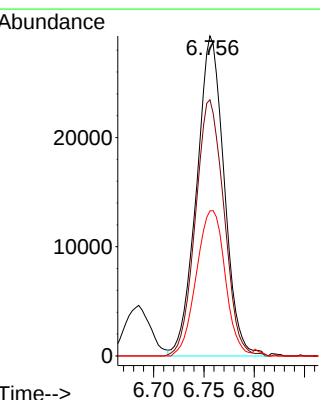
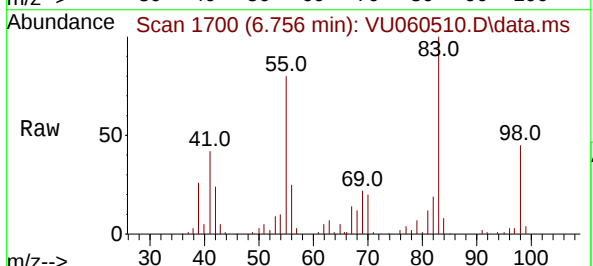
Tgt Ion: 83 Resp: 56051

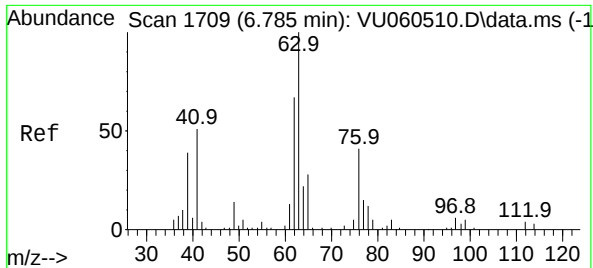
Ion Ratio Lower Upper

83 100

55 82.3 65.8 98.8

98 47.3 37.8 56.8

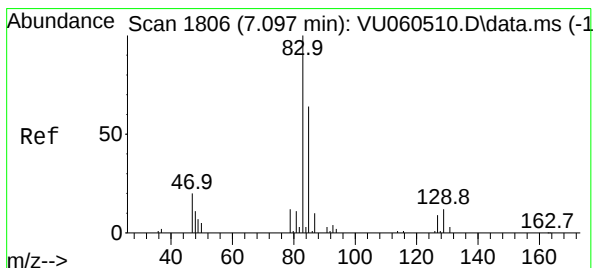
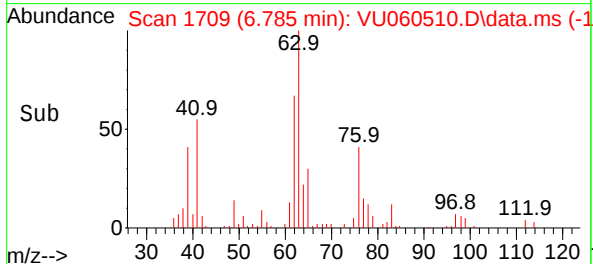
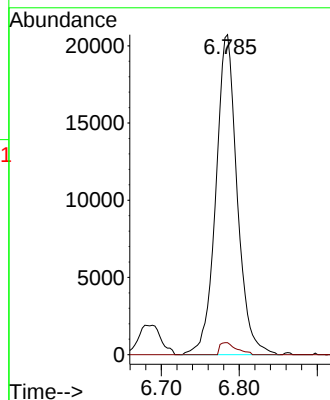
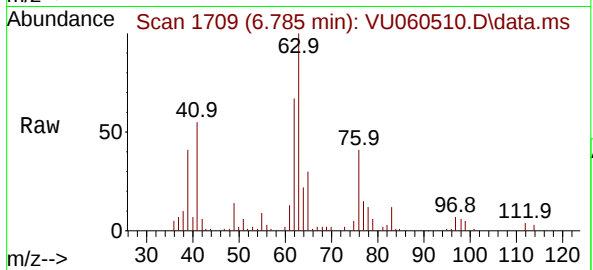




#37
1,2-Dichloropropane
Concen: 4.998 ug/L
RT: 6.785 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU060510.D
Acq: 23 Aug 2024 13:06

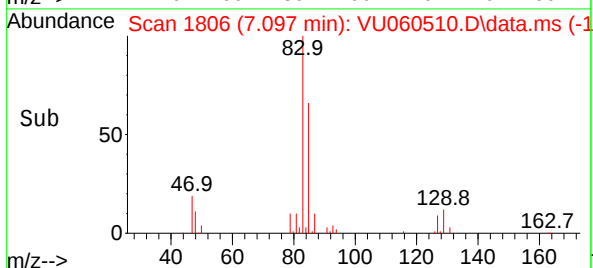
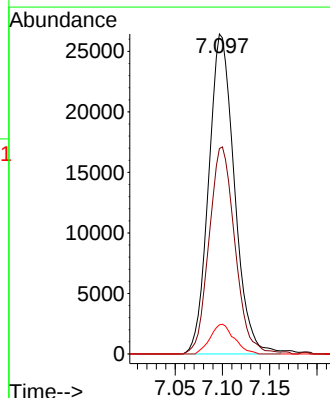
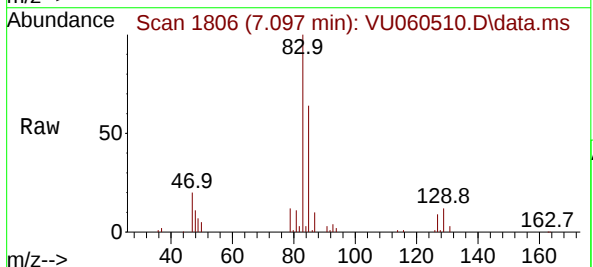
Instrument :
MSVOA_U
ClientSampleId :

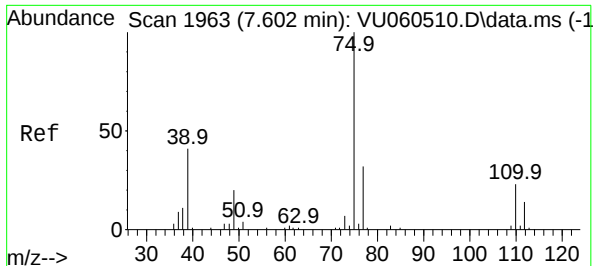
Tgt Ion: 63 Resp: 39458
Ion Ratio Lower Upper
63 100
112 2.9 2.3 3.5



#38
Bromodichloromethane
Concen: 4.824 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU060510.D
Acq: 23 Aug 2024 13:06

Tgt Ion: 83 Resp: 50051
Ion Ratio Lower Upper
83 100
85 64.2 44.9 83.5
127 9.1 7.3 10.9

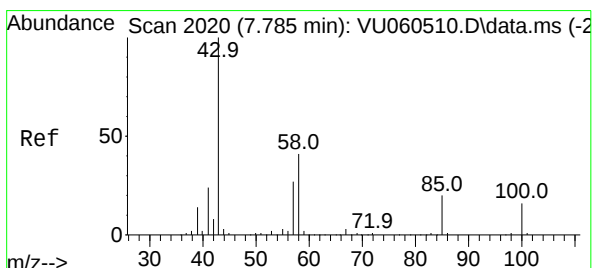
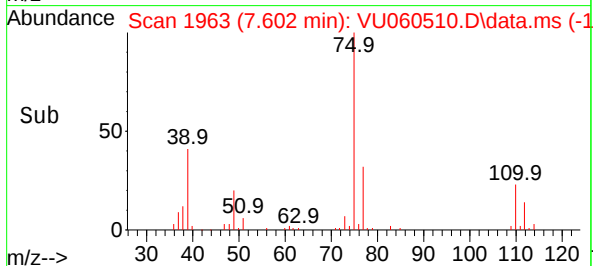
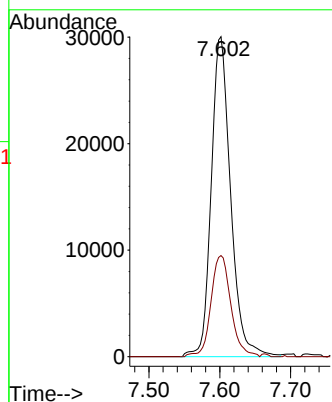
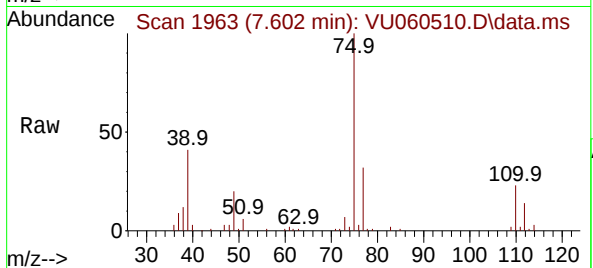




#39
 cis-1,3-Dichloropropene
 Concen: 4.932 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU060510.D
 Acq: 23 Aug 2024 13:06

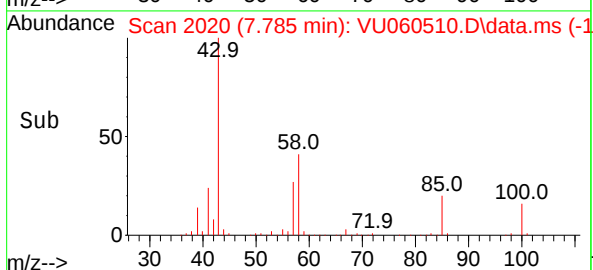
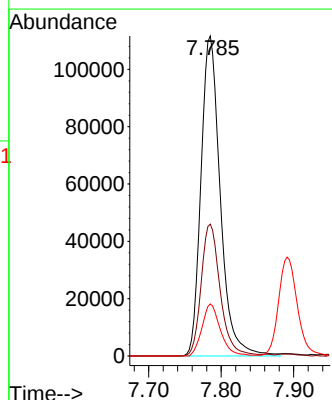
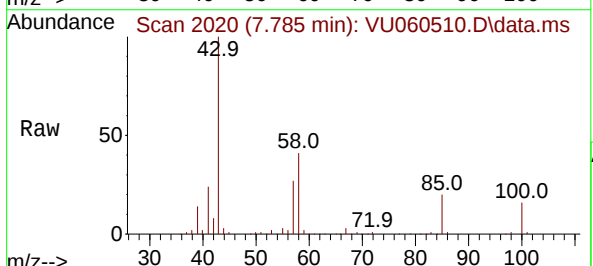
Instrument :
 MSVOA_U
 ClientSampleId :

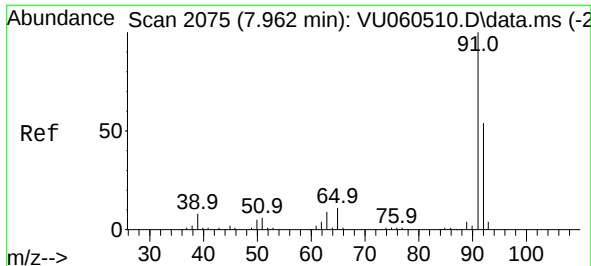
Tgt Ion: 75 Resp: 57092
 Ion Ratio Lower Upper
 75 100
 77 31.6 22.1 41.1



#40
 4-Methyl-2-pentanone
 Concen: 50.276 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. 0.000 min
 Lab File: VU060510.D
 Acq: 23 Aug 2024 13:06

Tgt Ion: 43 Resp: 206730
 Ion Ratio Lower Upper
 43 100
 58 40.6 32.5 48.7
 100 15.6 12.5 18.7





#42

Toluene

Concen: 5.026 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU060510.D

Acq: 23 Aug 2024 13:06

Instrument :

MSVOA_U

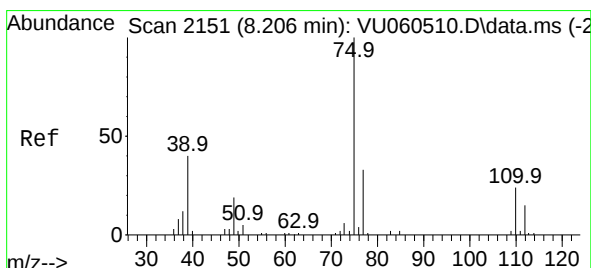
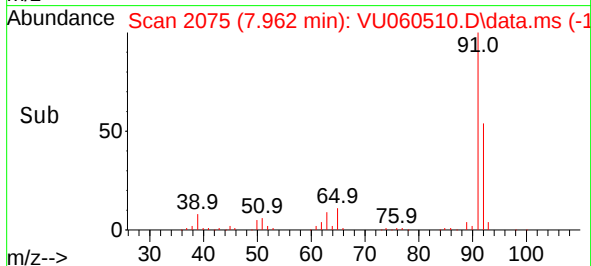
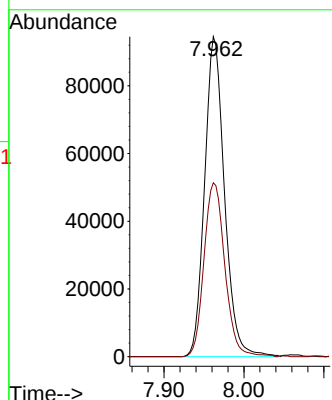
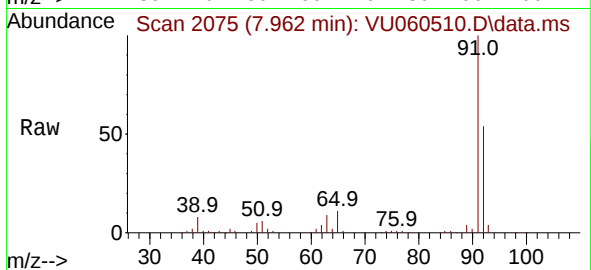
ClientSampleId :

Tgt Ion: 91 Resp: 163660

Ion Ratio Lower Upper

91 100

92 54.3 38.0 70.6



#44

trans-1,3-Dichloropropene

Concen: 5.117 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU060510.D

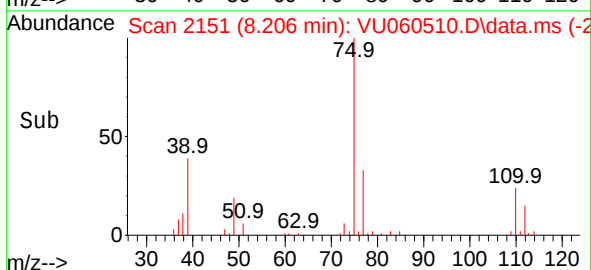
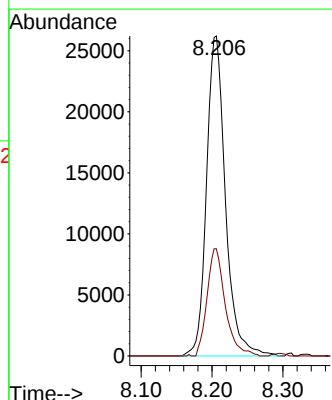
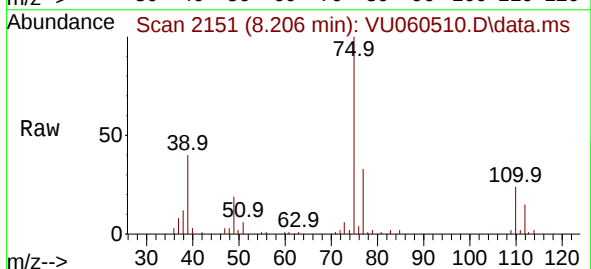
Acq: 23 Aug 2024 13:06

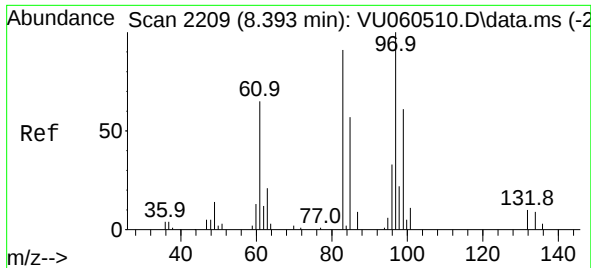
Tgt Ion: 75 Resp: 48627

Ion Ratio Lower Upper

75 100

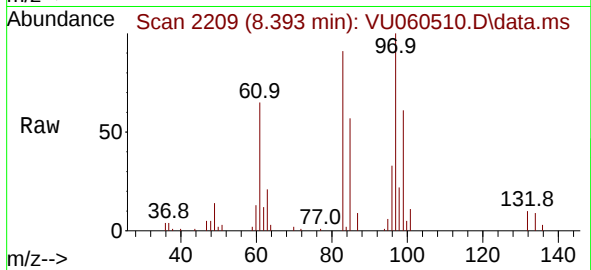
77 33.5 23.4 43.6



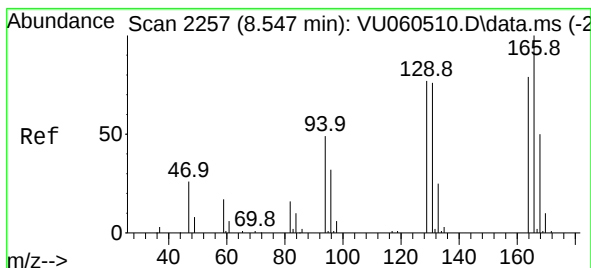
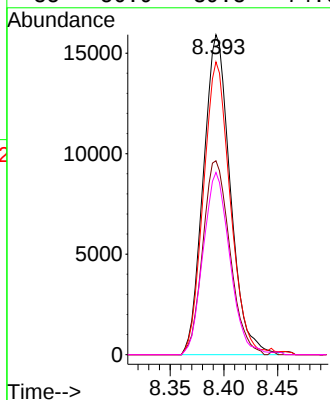
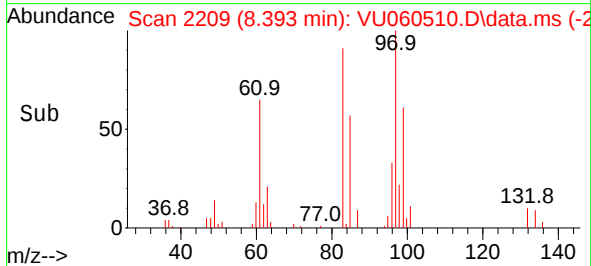


#45
1,1,2-Trichloroethane
Concen: 4.856 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU060510.D
Acq: 23 Aug 2024 13:06

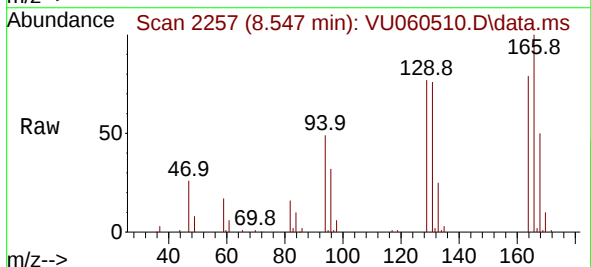
Instrument :
MSVOA_U
ClientSampleId :



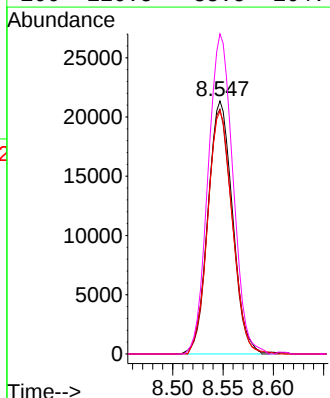
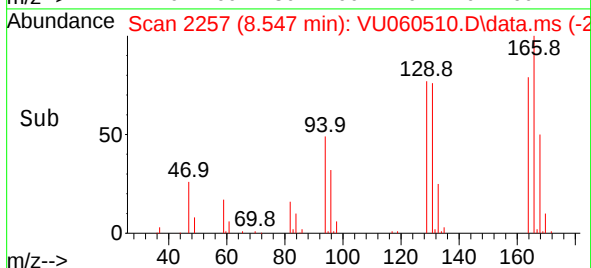
Tgt Ion:	97	Resp:	27773
Ion	Ratio	Lower	Upper
97	100		
99	60.6	42.4	78.8
83	91.5	64.0	119.0
85	56.9	39.8	74.0

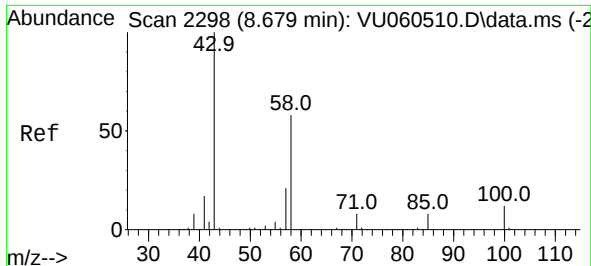


#47
Tetrachloroethene
Concen: 5.326 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU060510.D
Acq: 23 Aug 2024 13:06



Tgt Ion:	164	Resp:	36458
Ion	Ratio	Lower	Upper
164	100		
129	96.8	67.8	125.8
131	96.0	67.2	124.8
166	126.5	88.5	164.4





#48

2-Hexanone

Concen: 50.626 ug/L

RT: 8.679 min Scan# 2298

Delta R.T. 0.000 min

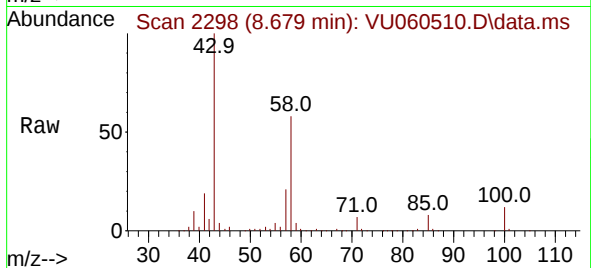
Lab File: VU060510.D

Acq: 23 Aug 2024 13:06

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 152954

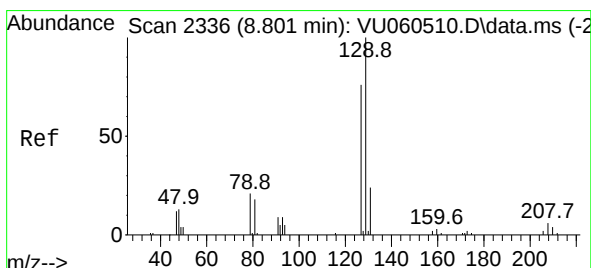
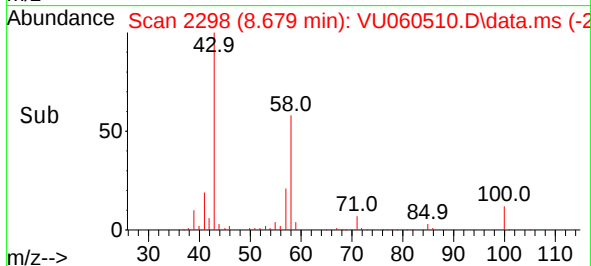
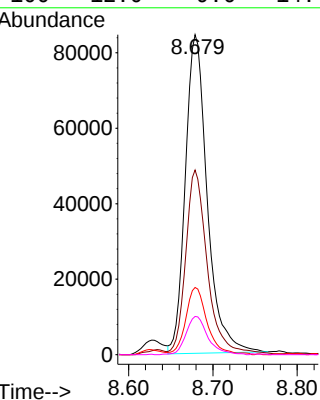
Ion Ratio Lower Upper

43 100

58 57.0 45.6 68.4

57 19.5 15.6 23.4

100 12.0 9.6 14.4



#49

Dibromochloromethane

Concen: 5.165 ug/L

RT: 8.801 min Scan# 2336

Delta R.T. 0.000 min

Lab File: VU060510.D

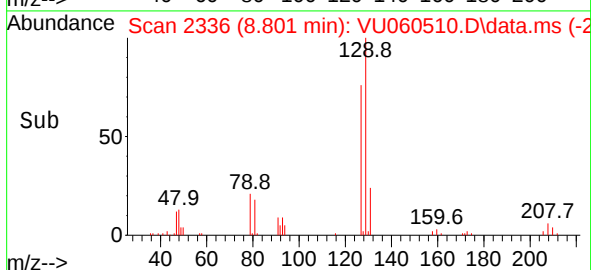
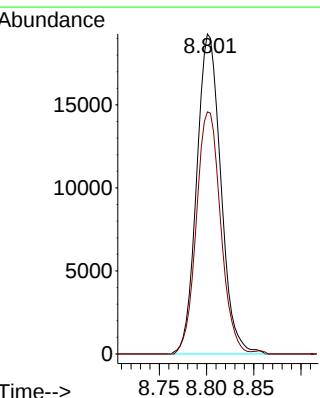
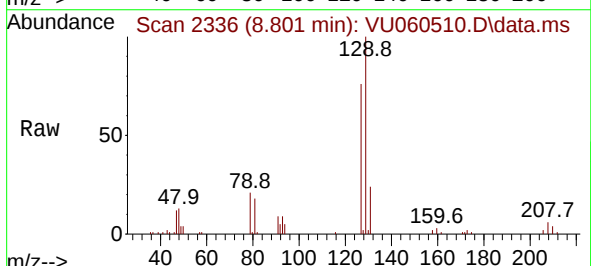
Acq: 23 Aug 2024 13:06

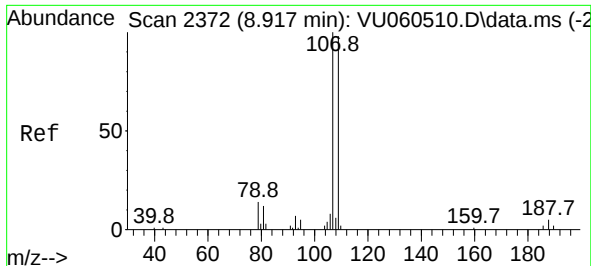
Tgt Ion: 129 Resp: 34201

Ion Ratio Lower Upper

129 100

127 75.7 53.0 98.4

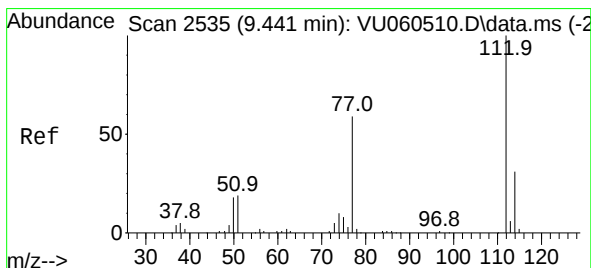
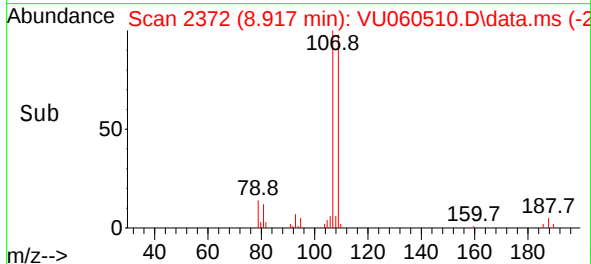
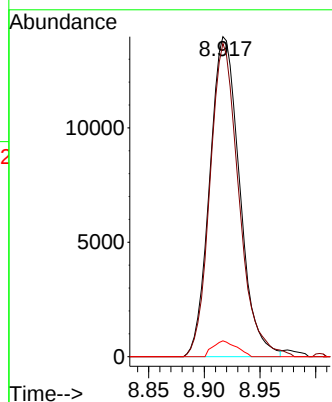
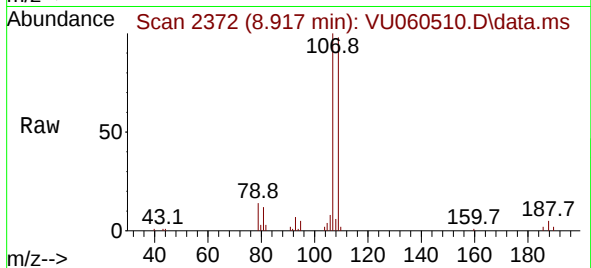




#50
1,2-Dibromoethane
Concen: 4.978 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU060510.D
Acq: 23 Aug 2024 13:06

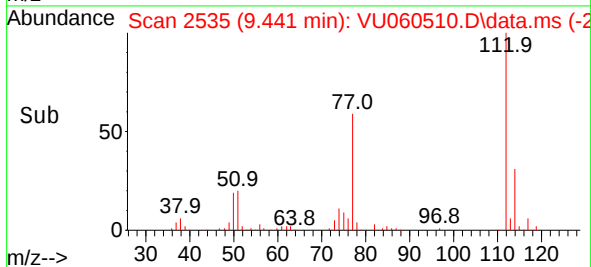
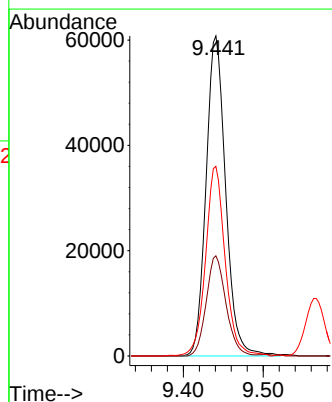
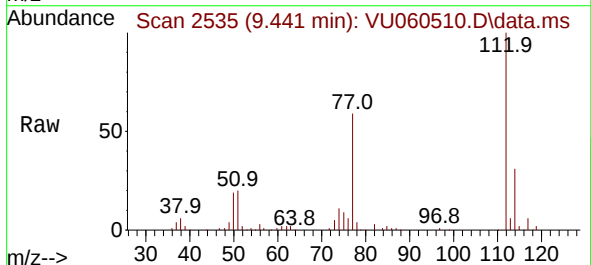
Instrument :
MSVOA_U
ClientSampleId :

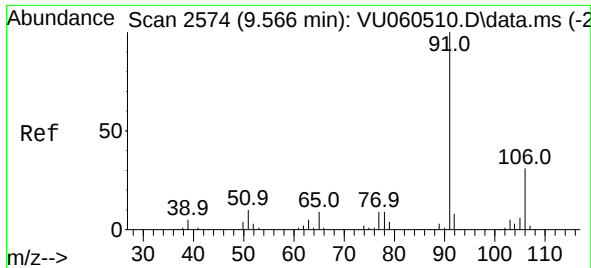
Tgt Ion:107 Resp: 26137
Ion Ratio Lower Upper
107 100
109 97.9 68.5 127.3
188 4.9 3.9 5.9



#51
Chlorobenzene
Concen: 4.927 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU060510.D
Acq: 23 Aug 2024 13:06

Tgt Ion:112 Resp: 103854
Ion Ratio Lower Upper
112 100
114 31.3 21.9 40.7
77 59.3 47.4 71.2

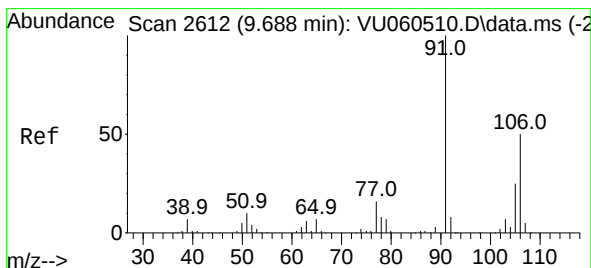
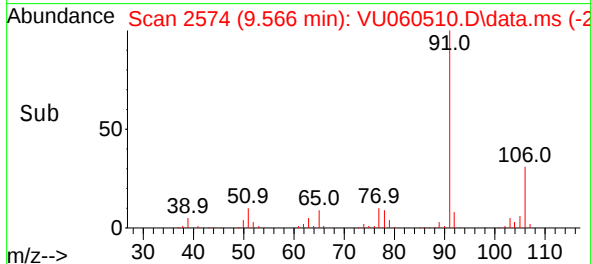
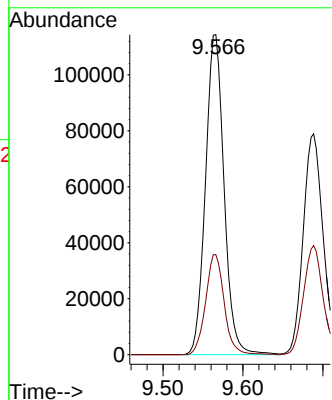
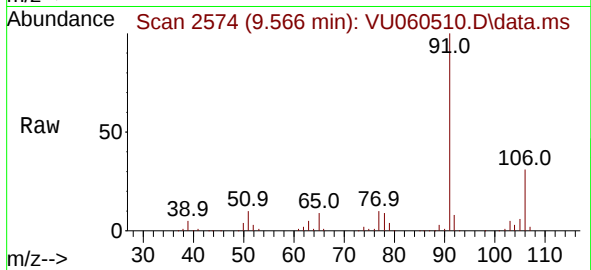




#52
Ethylbenzene
Concen: 5.371 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.000 min
Lab File: VU060510.D
Acq: 23 Aug 2024 13:06

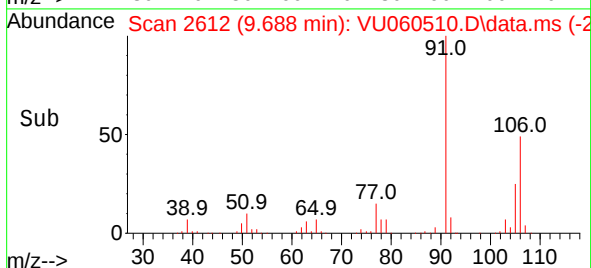
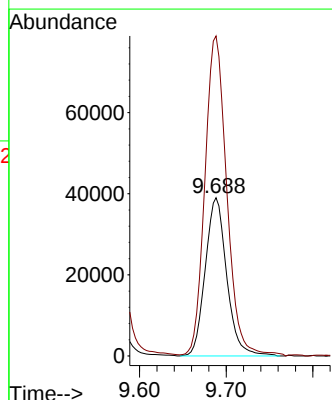
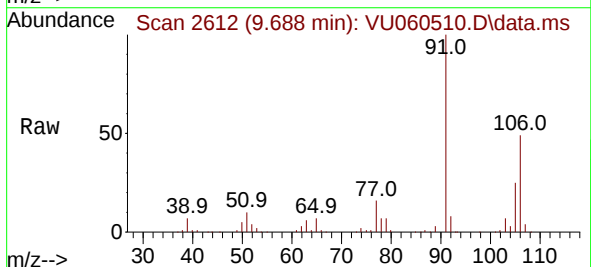
Instrument :
MSVOA_U
ClientSampleId :

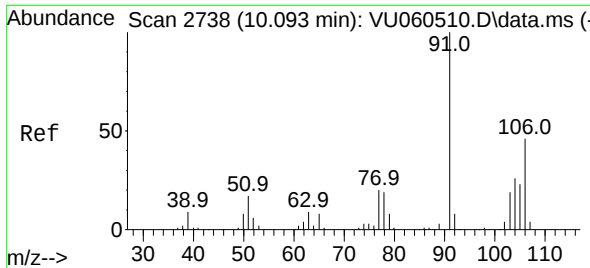
Tgt Ion: 91 Resp: 185347
Ion Ratio Lower Upper
91 100
106 31.3 21.9 40.7



#53
m,p-Xylene
Concen: 5.250 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU060510.D
Acq: 23 Aug 2024 13:06

Tgt Ion: 106 Resp: 67343
Ion Ratio Lower Upper
106 100
91 202.2 141.5 262.9

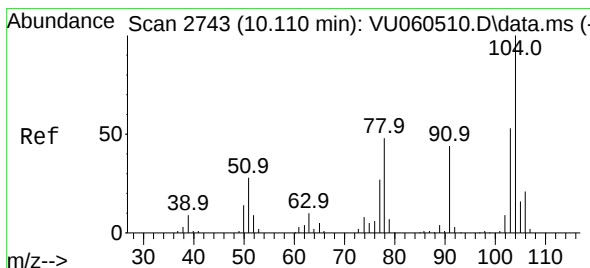
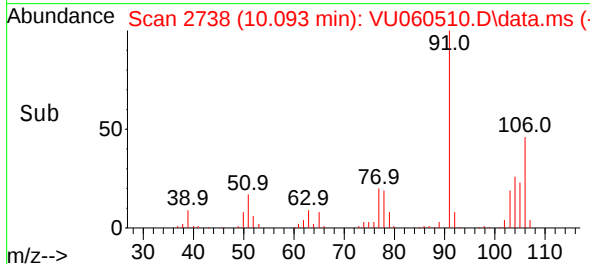
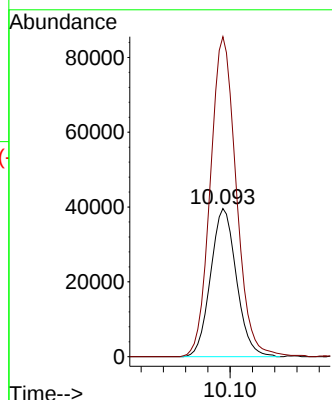
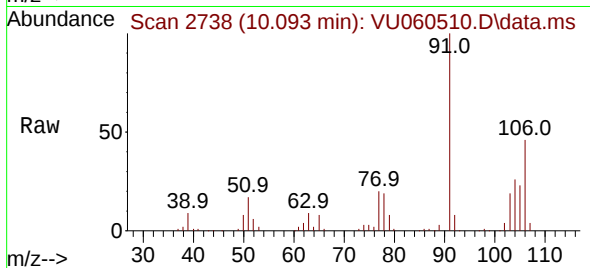




#54
o-Xylene
Concen: 4.860 ug/L
RT: 10.093 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU060510.D
Acq: 23 Aug 2024 13:06

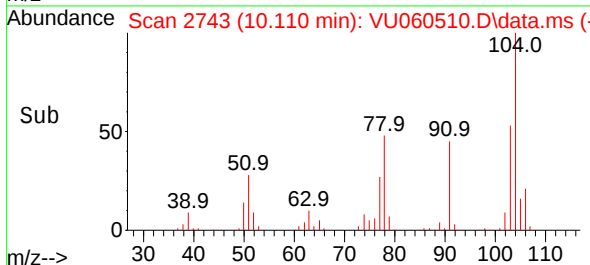
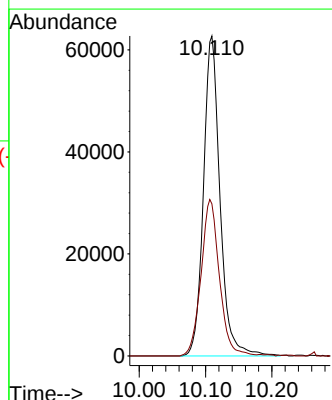
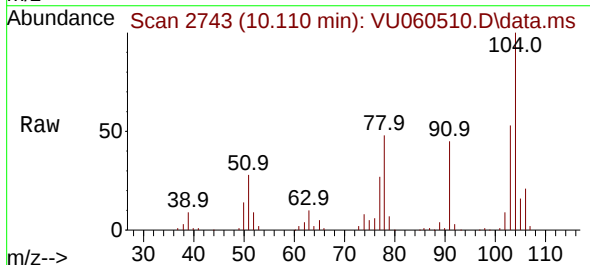
Instrument :
MSVOA_U
ClientSampleId :

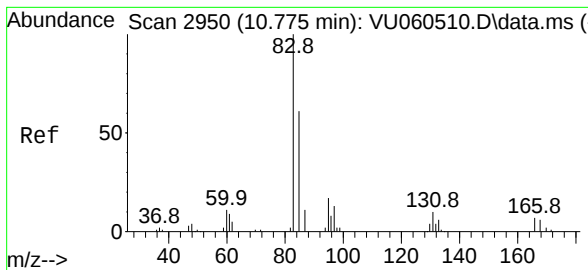
Tgt Ion:106 Resp: 63824
Ion Ratio Lower Upper
106 100
91 215.9 151.1 280.7



#55
Styrene
Concen: 5.067 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU060510.D
Acq: 23 Aug 2024 13:06

Tgt Ion:104 Resp: 109032
Ion Ratio Lower Upper
104 100
78 47.6 33.3 61.9

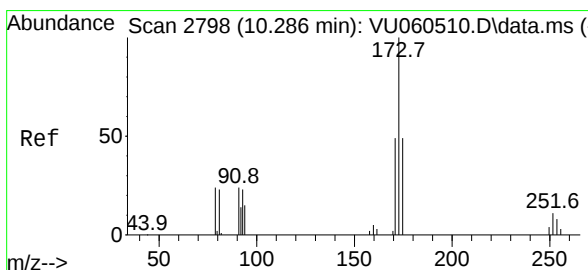
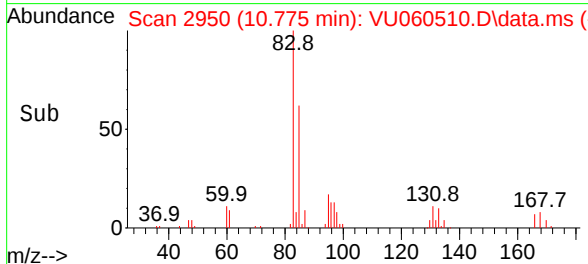
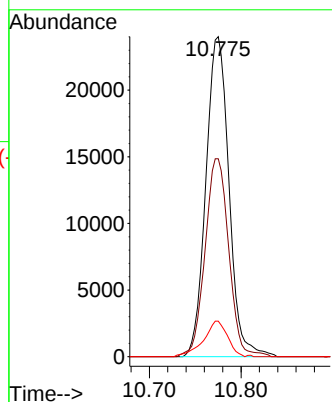
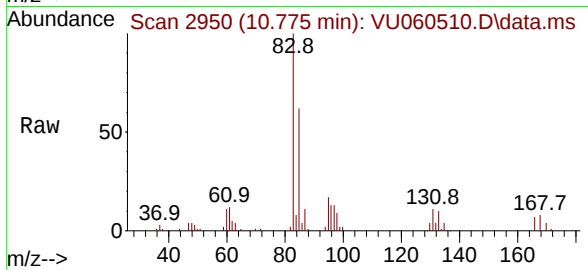




#57
1,1,2,2-Tetrachloroethane
Concen: 5.755 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU060510.D
Acq: 23 Aug 2024 13:06

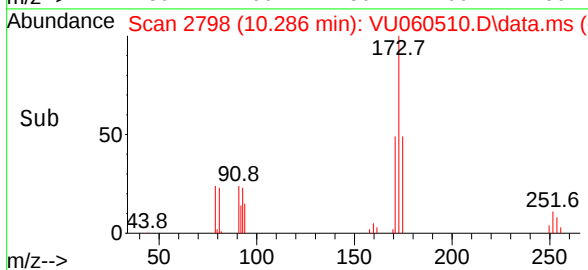
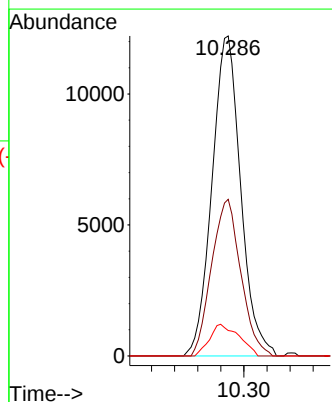
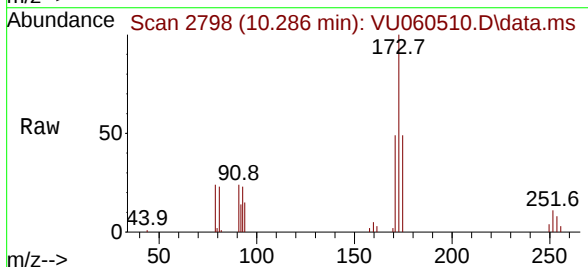
Instrument :
MSVOA_U
ClientSampleId :

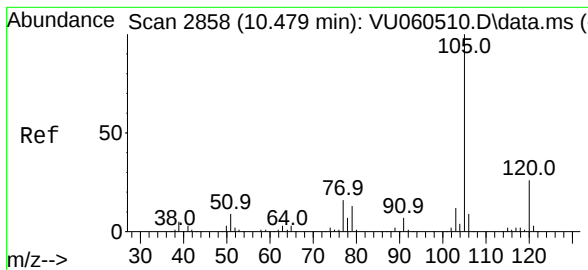
Tgt Ion:	83	Resp:	42025
Ion	Ratio	Lower	Upper
83	100		
85	61.9	43.3	80.5
131	11.1	8.9	13.3



#59
Bromoform
Concen: 5.014 ug/L
RT: 10.286 min Scan# 2798
Delta R.T. 0.000 min
Lab File: VU060510.D
Acq: 23 Aug 2024 13:06

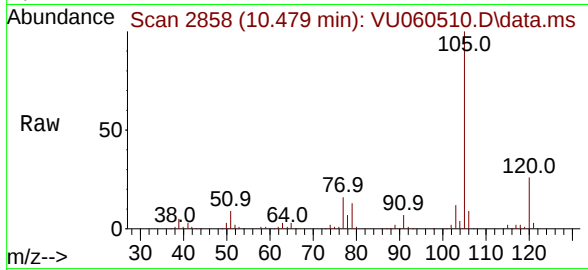
Tgt Ion:	173	Resp:	21062
Ion	Ratio	Lower	Upper
173	100		
175	49.8	39.8	59.8
254	10.2	8.2	12.2



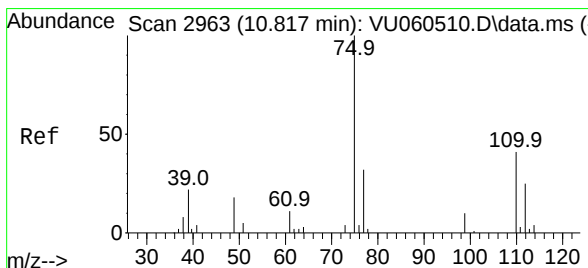
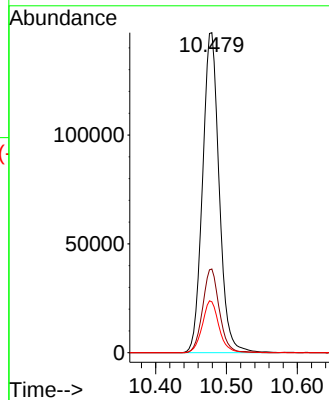
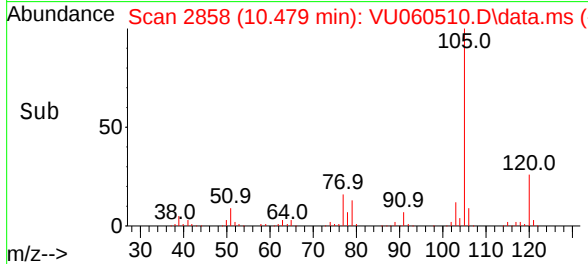


#60
Isopropylbenzene
Concen: 7.001 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VU060510.D
Acq: 23 Aug 2024 13:06

Instrument :
MSVOA_U
ClientSampleId :

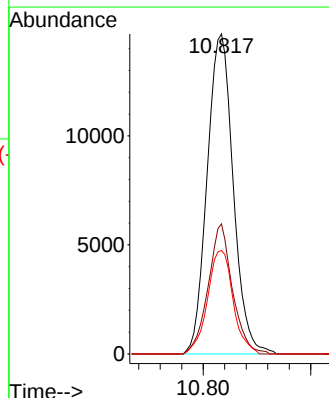
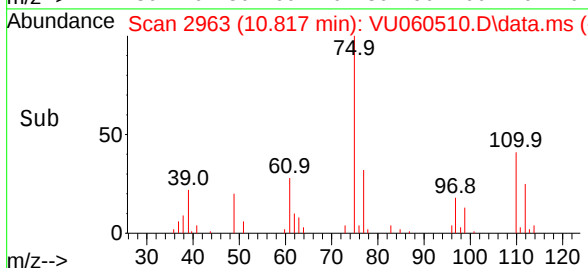
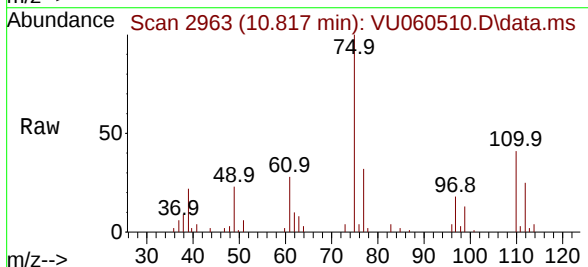


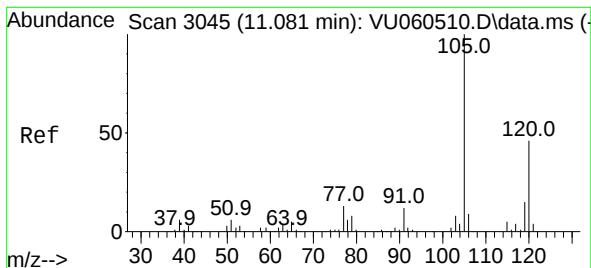
Tgt Ion:105 Resp: 239080
Ion Ratio Lower Upper
105 100
120 26.2 21.0 31.4
77 16.2 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 5.007 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. 0.000 min
Lab File: VU060510.D
Acq: 23 Aug 2024 13:06

Tgt Ion: 75 Resp: 24688
Ion Ratio Lower Upper
75 100
110 37.8 30.2 45.4
77 31.8 25.4 38.2





#62

1,3,5-Trimethylbenzene

Concen: 5.246 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU060510.D

Acq: 23 Aug 2024 13:06

Instrument :

MSVOA_U

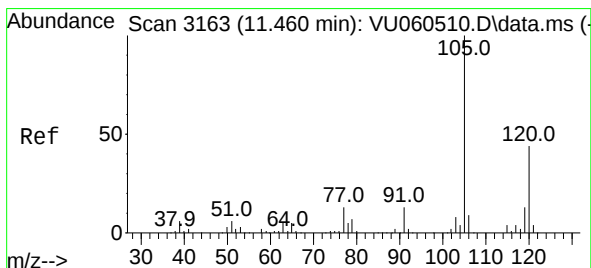
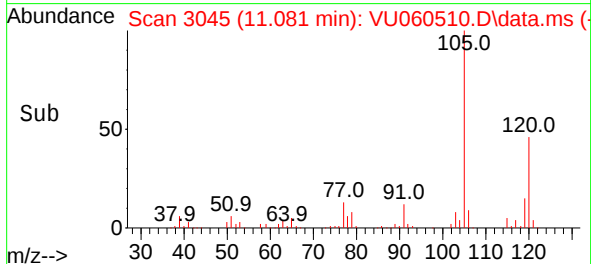
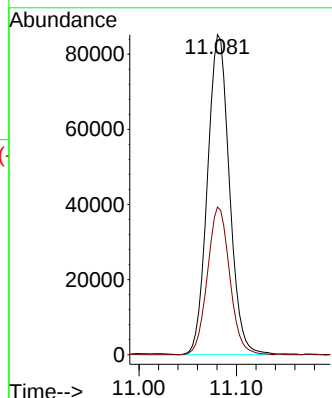
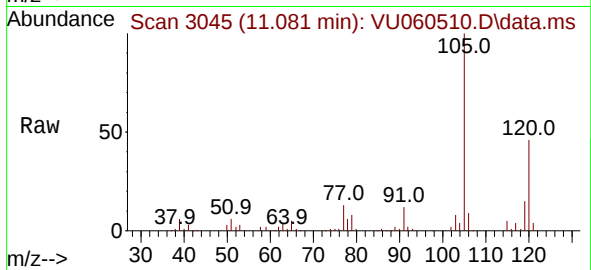
ClientSampleId :

Tgt Ion:105 Resp: 133521

Ion Ratio Lower Upper

105 100

120 46.7 37.4 56.0



#63

1,2,4-Trimethylbenzene

Concen: 5.204 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VU060510.D

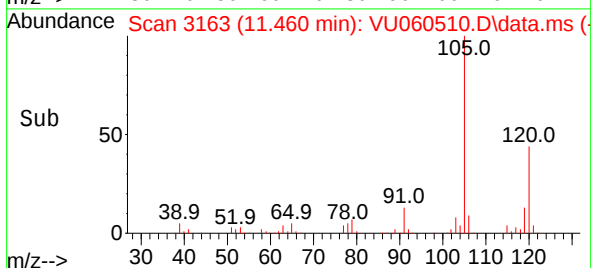
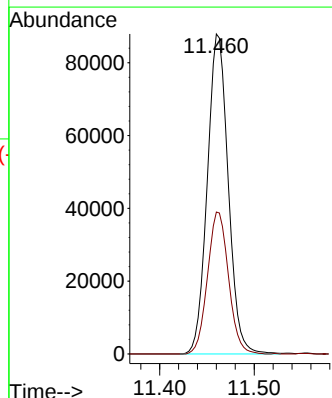
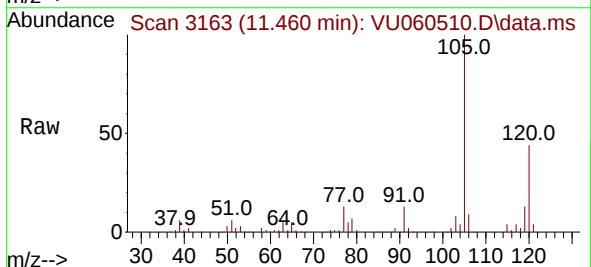
Acq: 23 Aug 2024 13:06

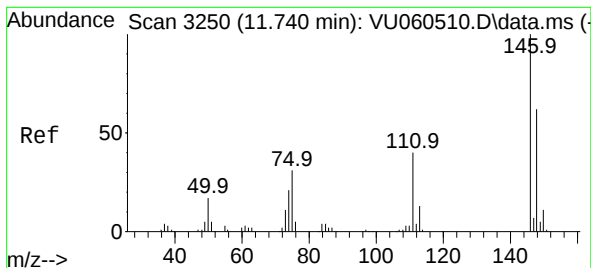
Tgt Ion:105 Resp: 135102

Ion Ratio Lower Upper

105 100

120 44.6 35.7 53.5





#64

1,3-Dichlorobenzene

Concen: 5.068 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. 0.000 min

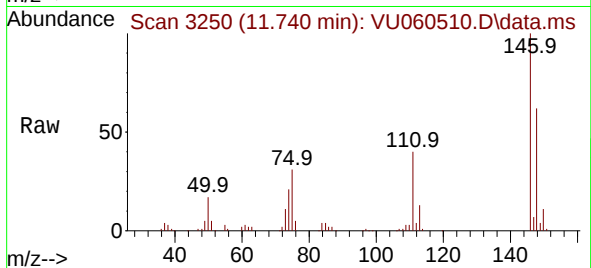
Lab File: VU060510.D

Acq: 23 Aug 2024 13:06

Instrument :

MSVOA_U

ClientSampleId :



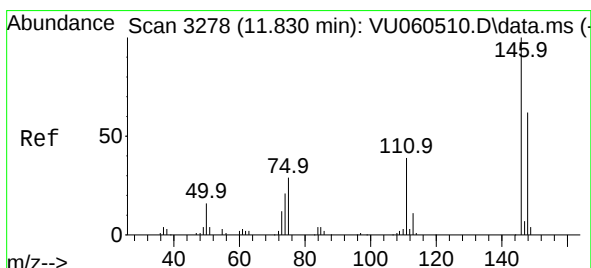
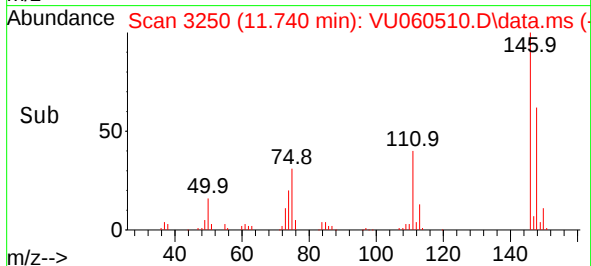
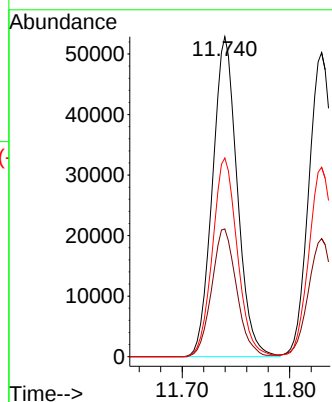
Tgt Ion:146 Resp: 84693

Ion Ratio Lower Upper

146 100

111 39.9 27.9 51.9

148 62.1 43.5 80.7



#65

1,4-Dichlorobenzene

Concen: 4.931 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VU060510.D

Acq: 23 Aug 2024 13:06

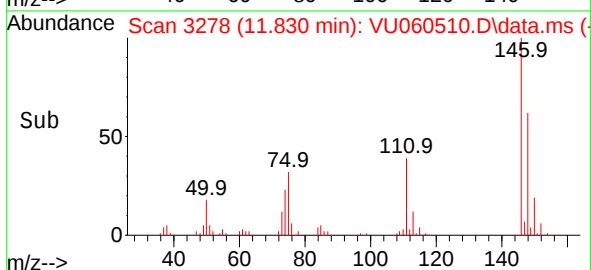
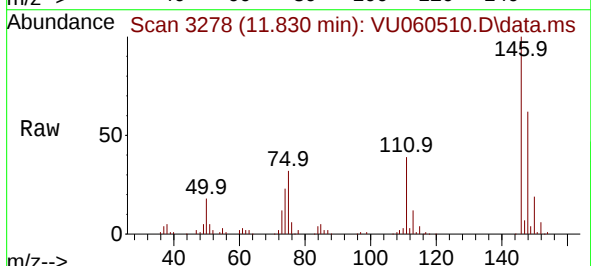
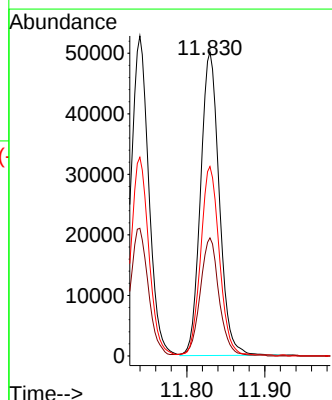
Tgt Ion:146 Resp: 83625

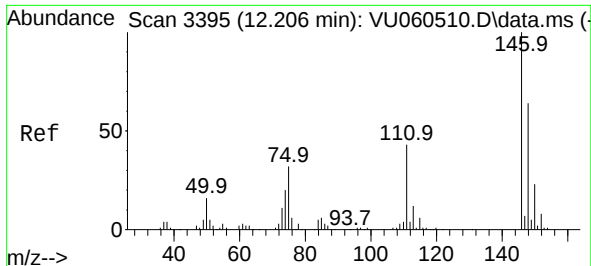
Ion Ratio Lower Upper

146 100

111 38.8 27.2 50.4

148 62.3 43.6 81.0

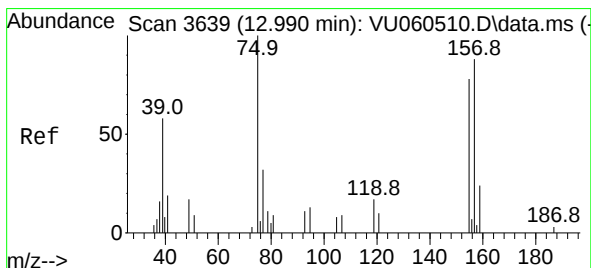
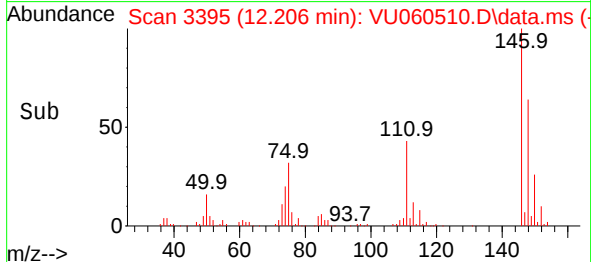
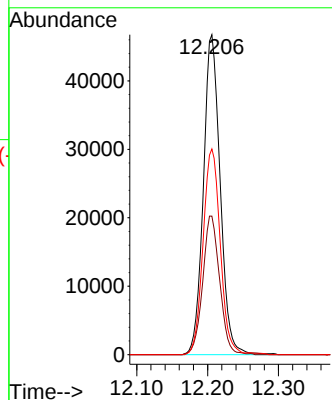
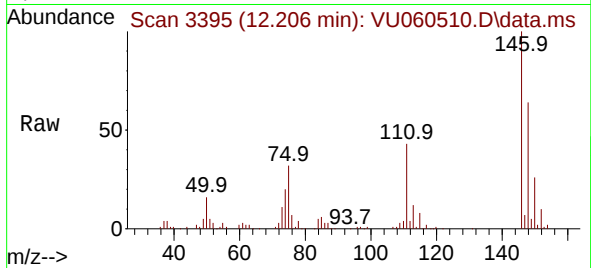




#67
 1,2-Dichlorobenzene
 Concen: 4.918 ug/L
 RT: 12.206 min Scan# 3395
 Delta R.T. 0.000 min
 Lab File: VU060510.D
 Acq: 23 Aug 2024 13:06

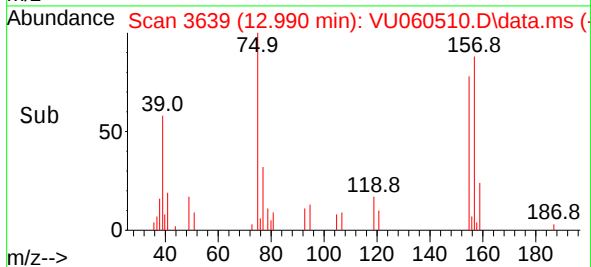
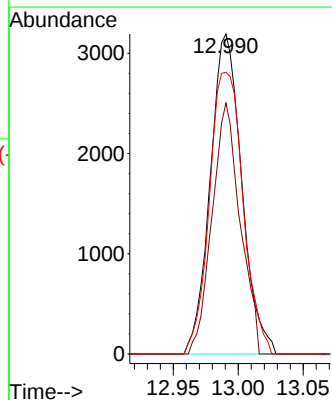
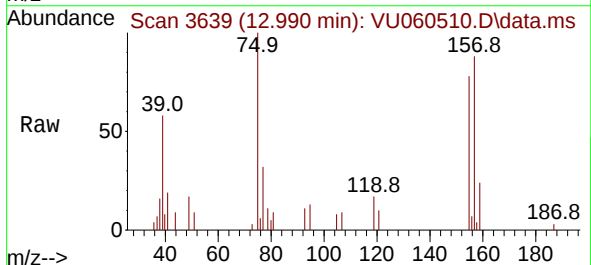
Instrument :
 MSVOA_U
 ClientSampleId :

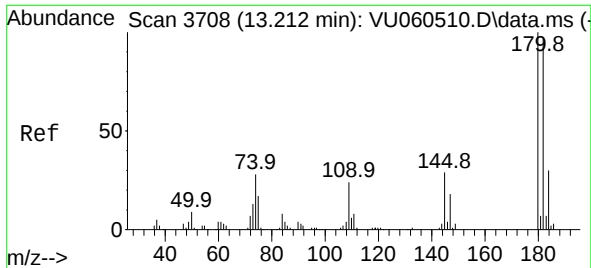
Tgt Ion:146 Resp: 77107
 Ion Ratio Lower Upper
 146 100
 111 43.3 34.6 52.0
 148 64.3 51.4 77.2



#68
 1,2-Dibromo-3-chloropropane
 Concen: 4.829 ug/L
 RT: 12.990 min Scan# 3639
 Delta R.T. 0.000 min
 Lab File: VU060510.D
 Acq: 23 Aug 2024 13:06

Tgt Ion: 75 Resp: 5374
 Ion Ratio Lower Upper
 75 100
 155 78.4 62.7 94.1
 157 88.0 70.4 105.6





#69

1,3,5-Trichlorobenzene

Concen: 4.761 ug/L

RT: 13.212 min Scan# 3708

Delta R.T. 0.000 min

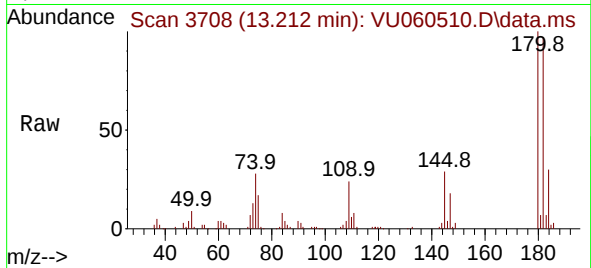
Lab File: VU060510.D

Acq: 23 Aug 2024 13:06

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 61353

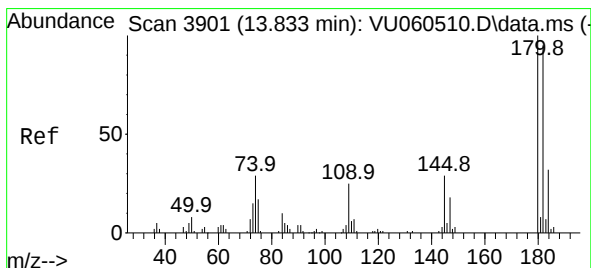
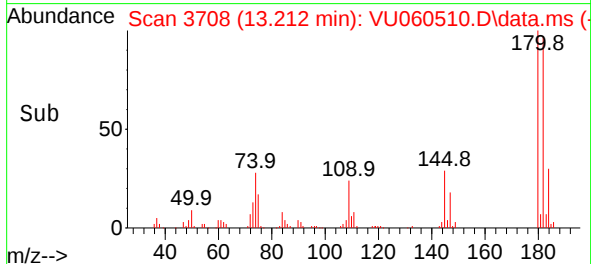
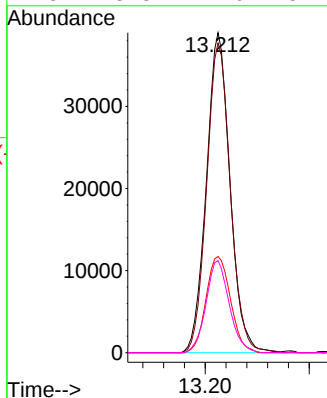
Ion Ratio Lower Upper

180 100

182 97.0 77.6 116.4

184 31.1 24.9 37.3

145 28.3 22.6 34.0



#70

1,2,4-trichlorobenzene

Concen: 4.389 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU060510.D

Acq: 23 Aug 2024 13:06

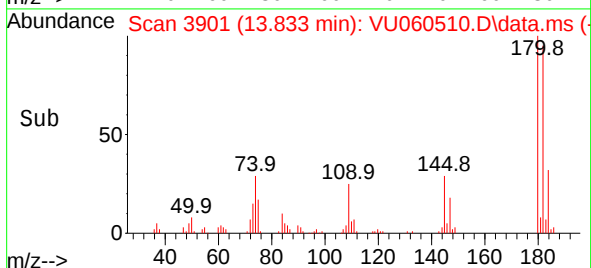
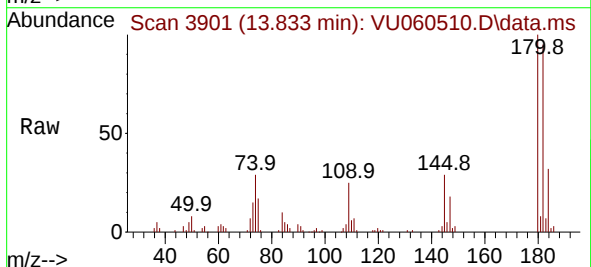
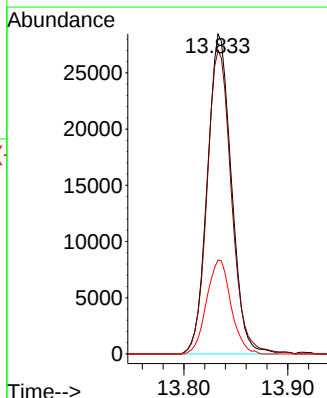
Tgt Ion:180 Resp: 45634

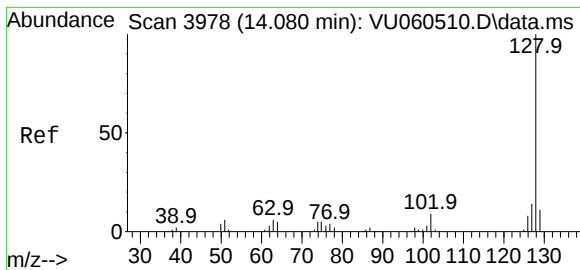
Ion Ratio Lower Upper

180 100

182 96.6 77.3 115.9

145 29.9 23.9 35.9

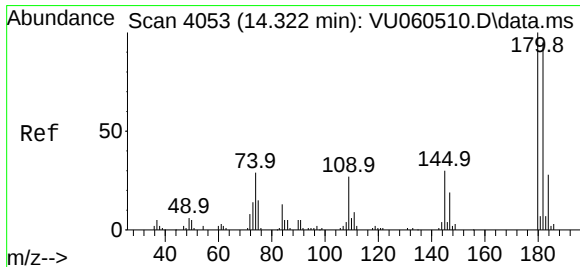
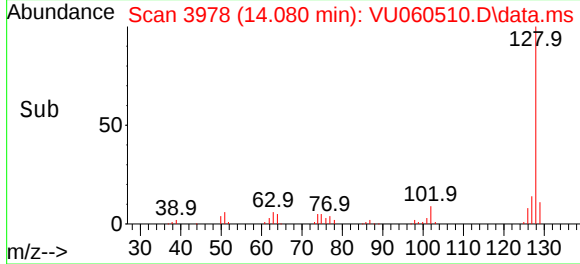
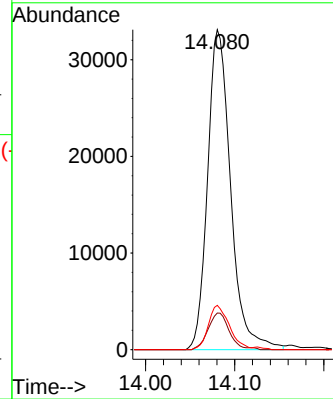
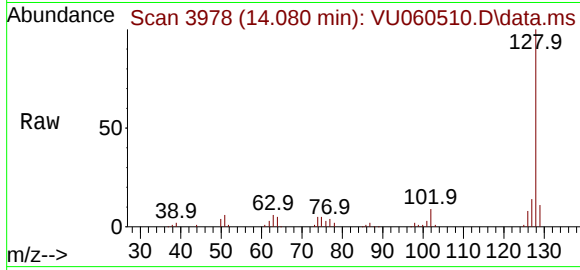




#71
Naphthalene
Concen: 4.476 ug/L
RT: 14.080 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU060510.D
Acq: 23 Aug 2024 13:06

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 59449
Ion Ratio Lower Upper
128 100
129 10.6 8.5 12.7
127 12.7 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.718 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU060510.D
Acq: 23 Aug 2024 13:06

Tgt Ion:180 Resp: 41046
Ion Ratio Lower Upper
180 100
182 95.0 76.0 114.0
145 30.4 24.3 36.5

