

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082324\
 Data File : VU060509.D
 Acq On : 23 Aug 2024 12:42
 Operator : MD/SY
 Sample : VSTD00113
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 24 01:18:58 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	6.245	114	100482	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	93011	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	44766	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	5776	1.301	ug/L	0.00
7) Chloroethane-d5	1.910	69	6178	0.919	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.557	65	2556	0.977	ug/L	0.00
20) 2-Butanone-d5	4.650	46	14633	9.588	ug/L	0.02
24) Chloroform-d	5.055	84	10602	0.838	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.701	65	5845	0.885	ug/L	0.00
32) Benzene-d6	5.727	84	20703	1.018	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.688	67	6417	0.978	ug/L	0.00
41) Toluene-d8	7.897	98	19835	1.040	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.180	79	2176	0.927	ug/L	0.00
46) 2-Hexanone-d5	8.634	63	7602	6.762	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.749	84	5020	0.860	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	6380	0.967	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	10599	0.930	ug/L	97
3) Chloromethane	1.518	50	12344	1.249	ug/L	98
5) Vinyl chloride	1.602	62	12291	1.263	ug/L	91
6) Bromomethane	1.856	94	8400	0.858	ug/L	97
8) Chloroethane	1.930	64	7705	0.868	ug/L	98
9) Trichlorofluoromethane	2.136	101	18253	0.863	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	9176	1.026	ug/L	98
12) 1,1-Dichloroethene	2.576	96	8203	0.996	ug/L	96
13) Acetone	2.650	43	12608	9.789	ug/L	71
14) Carbon disulfide	2.788	76	27229	1.019	ug/L	97
15) Methyl Acetate	2.962	43	1645	0.640	ug/L #	50
16) Methylene chloride	3.039	84	7340	0.918	ug/L	92
17) Methyl tert-butyl Ether	3.361	73	13953	0.835	ug/L	99
18) trans-1,2-Dichloroethene	3.354	96	5954	0.830	ug/L	95
19) 1,1-Dichloroethane	3.862	63	13359	0.919	ug/L	96
21) 2-Butanone	4.734	43	14142	8.098	ug/L	81
22) cis-1,2-Dichloroethene	4.666	96	7596	0.951	ug/L	93
23) Bromochloromethane	4.968	128	2849	0.785	ug/L	92
25) Chloroform	5.084	83	13474	0.876	ug/L	98
27) 1,2-Dichloroethane	5.795	62	10101	0.979	ug/L #	93
29) 1,1,1-Trichloroethane	5.306	97	11970	0.940	ug/L	98
30) Cyclohexane	5.380	56	8668	0.822	ug/L #	94
31) Carbon tetrachloride	5.518	117	10930	0.928	ug/L	99
33) Benzene	5.769	78	30170	1.023	ug/L	100
34) Trichloroethene	6.541	95	7138	0.893	ug/L	90
35) Methylcyclohexane	6.756	83	9164	0.835	ug/L	99
37) 1,2-Dichloropropane	6.782	63	7078	0.936	ug/L #	91
38) Bromodichloromethane	7.103	83	9025	0.909	ug/L	99
39) cis-1,3-Dichloropropene	7.605	75	10949	0.988	ug/L	89
40) 4-Methyl-2-pentanone	7.788	43	36329	9.228	ug/L	98
42) Toluene	7.965	91	30806	0.988	ug/L	98
44) trans-1,3-Dichloropropene	8.209	75	7808	0.858	ug/L	98

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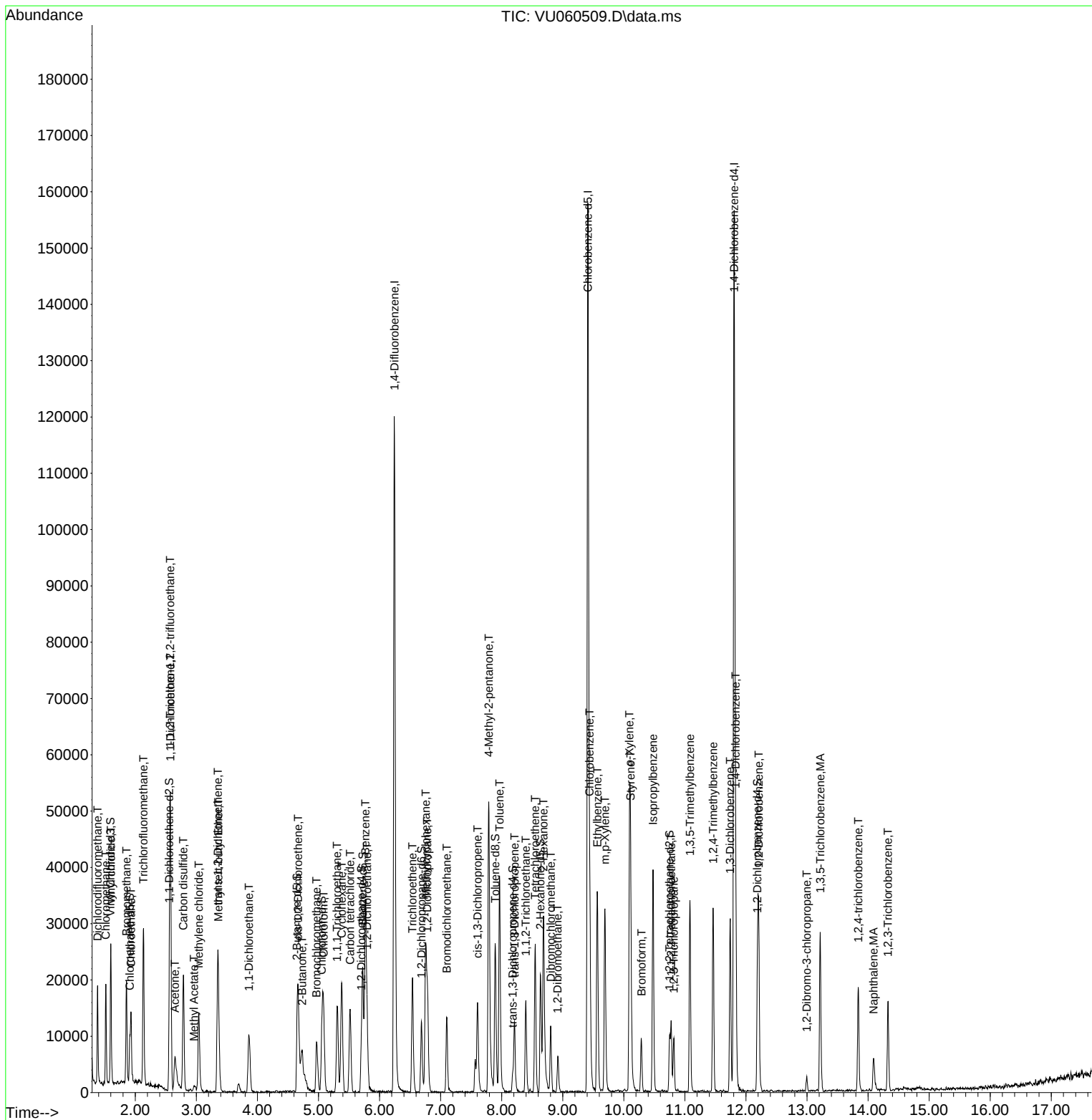
Quant Time: Aug 24 01:18:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 24 01:18:00 2024
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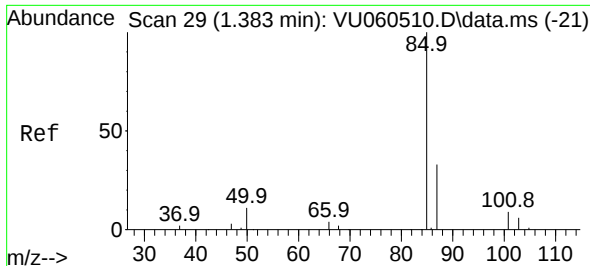
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.396	97	5337	0.975	ug/L	96
47) Tetrachloroethene	8.550	164	5488	0.837	ug/L	98
48) 2-Hexanone	8.685	43	22926	7.926	ug/L #	93
49) Dibromochloromethane	8.804	129	5958	0.940	ug/L	89
50) 1,2-Dibromoethane	8.917	107	4641	0.923	ug/L #	94
51) Chlorobenzene	9.441	112	18003	0.892	ug/L	95
52) Ethylbenzene	9.566	91	27304	0.827	ug/L	99
53) m,p-Xylene	9.692	106	9874	0.804	ug/L	89
54) o-Xylene	10.093	106	12156	0.967	ug/L	94
55) Styrene	10.113	104	18353	0.891	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	6054	0.866	ug/L #	86
59) Bromoform	10.290	173	4402	1.197	ug/L	93
60) Isopropylbenzene	10.479	105	25016	0.836	ug/L	98
61) 1,2,3-Trichloropropane	10.820	75	4267	0.988	ug/L	95
62) 1,3,5-Trimethylbenzene	11.084	105	20000	0.897	ug/L	96
63) 1,2,4-Trimethylbenzene	11.463	105	18159	0.799	ug/L	96
64) 1,3-Dichlorobenzene	11.743	146	13329	0.911	ug/L	89
65) 1,4-Dichlorobenzene	11.833	146	14008	0.943	ug/L	96
67) 1,2-Dichlorobenzene	12.209	146	12148	0.885	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.997	75	840	0.862	ug/L #	85
69) 1,3,5-Trichlorobenzene	13.219	180	10376	0.919	ug/L	92
70) 1,2,4-trichlorobenzene	13.839	180	6980	0.767	ug/L	93
71) Naphthalene	14.090	128	7210	0.620	ug/L #	95
72) 1,2,3-Trichlorobenzene	14.325	180	5838	0.766	ug/L	99

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

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QLast Update : Sat Aug 24 01:18:00 2024
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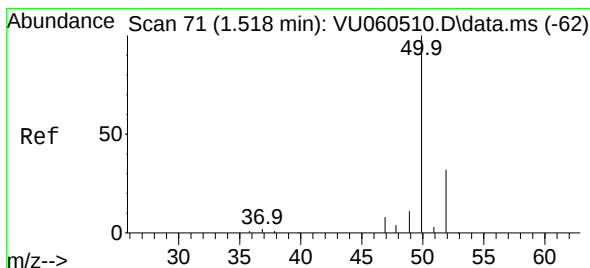
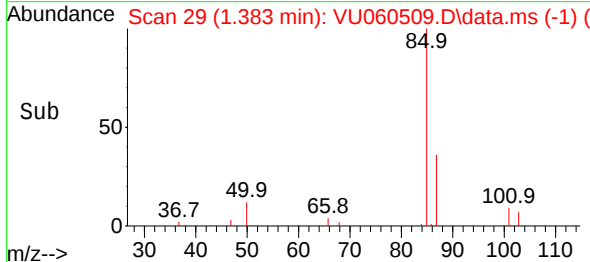
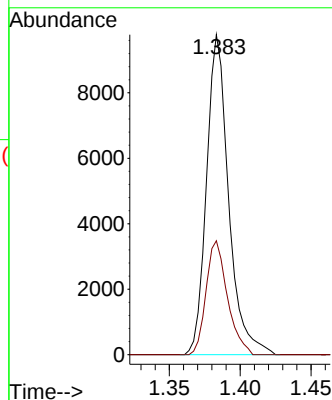
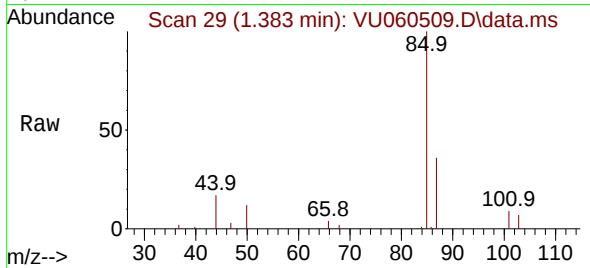




#2
Dichlorodifluoromethane
Concen: 0.930 ug/L
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU060509.D
Acq: 23 Aug 2024 12:42

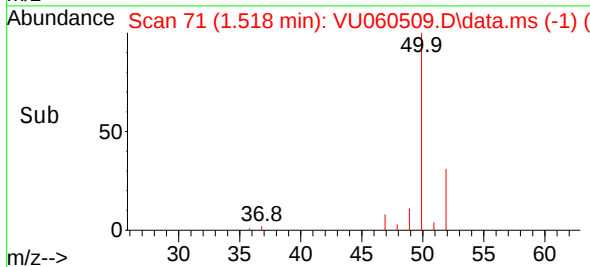
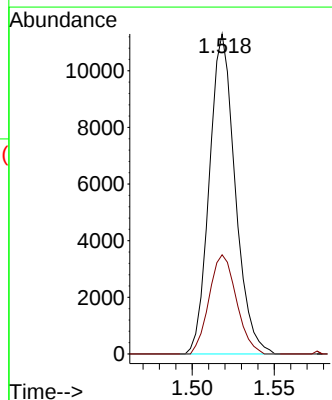
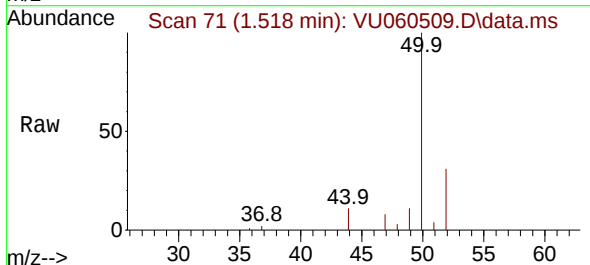
Instrument :
MSVOA_U
ClientSampleId :

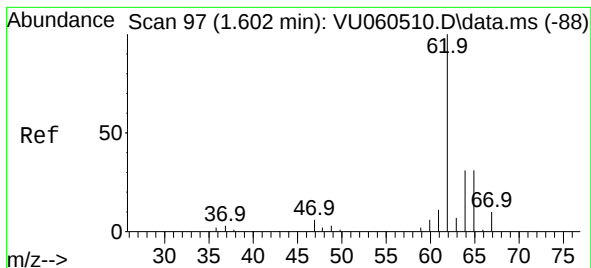
Tgt Ion: 85 Resp: 10599
Ion Ratio Lower Upper
85 100
87 34.3 26.2 39.4



#3
Chloromethane
Concen: 1.249 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU060509.D
Acq: 23 Aug 2024 12:42

Tgt Ion: 50 Resp: 12344
Ion Ratio Lower Upper
50 100
52 31.0 22.7 42.1





#5

Vinyl chloride

Concen: 1.263 ug/L

RT: 1.602 min Scan# 97

Delta R.T. 0.000 min

Lab File: VU060509.D

Acq: 23 Aug 2024 12:42

Instrument :

MSVOA_U

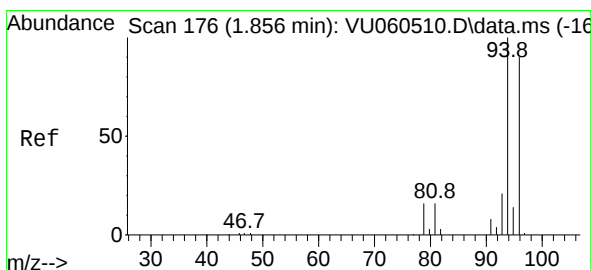
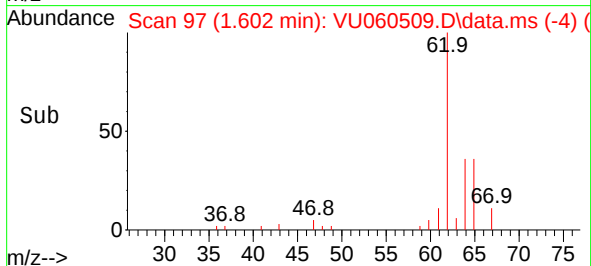
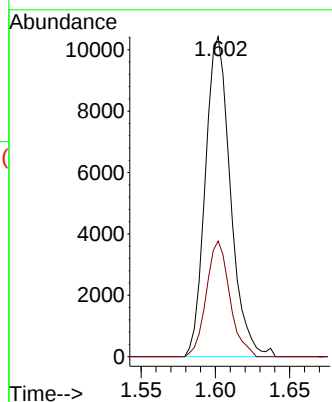
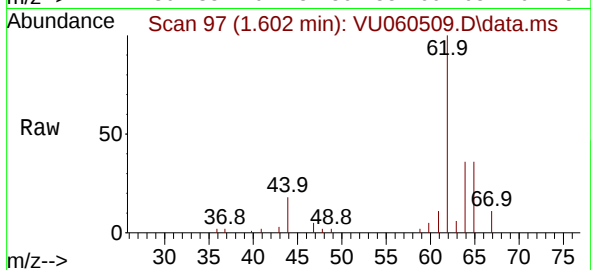
ClientSampleId :

Tgt Ion: 62 Resp: 12291

Ion Ratio Lower Upper

62 100

64 36.1 22.0 40.8



#6

Bromomethane

Concen: 0.858 ug/L

RT: 1.856 min Scan# 176

Delta R.T. -0.000 min

Lab File: VU060509.D

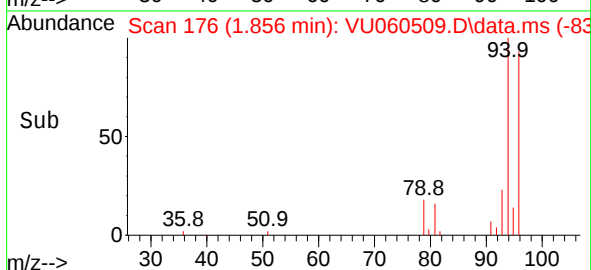
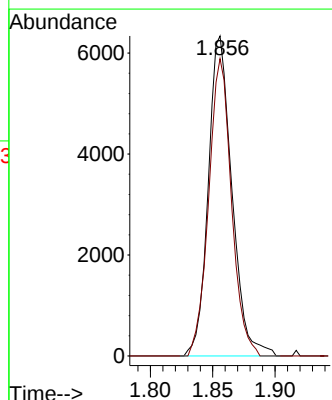
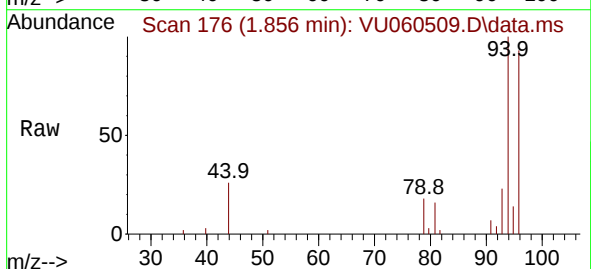
Acq: 23 Aug 2024 12:42

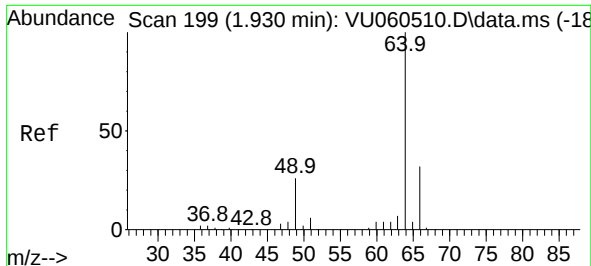
Tgt Ion: 94 Resp: 8400

Ion Ratio Lower Upper

94 100

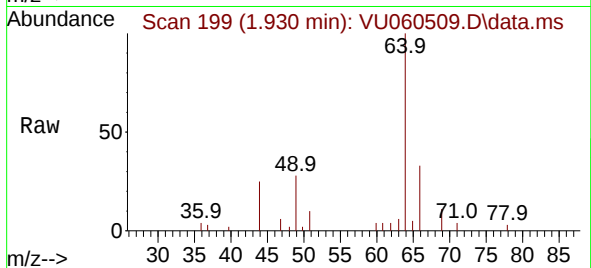
96 92.9 63.3 117.5



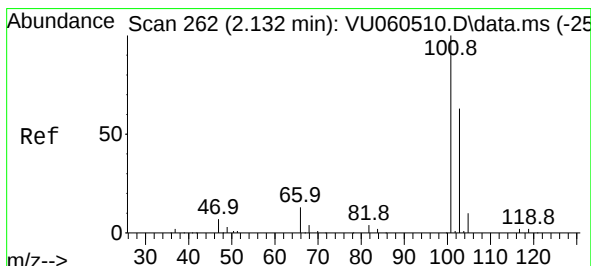
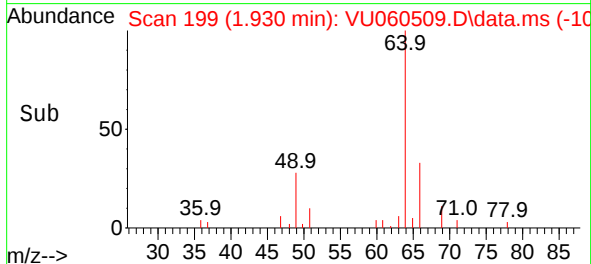
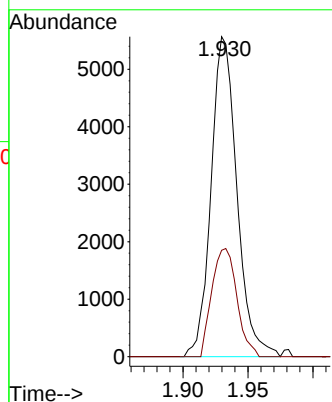


#8
Chloroethane
Concen: 0.868 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU060509.D
Acq: 23 Aug 2024 12:42

Instrument :
MSVOA_U
ClientSampleId :

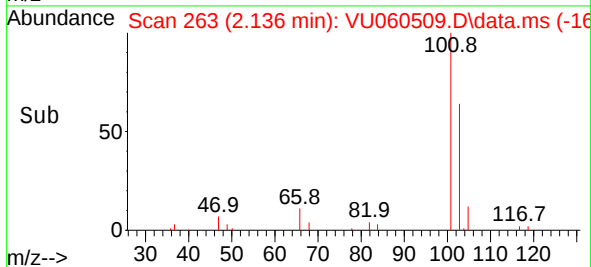
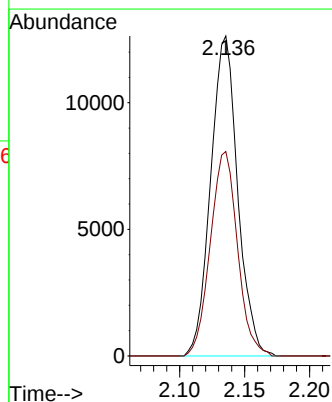
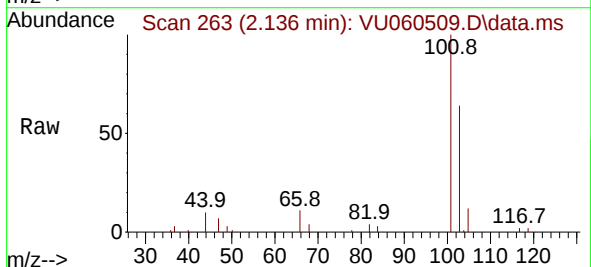


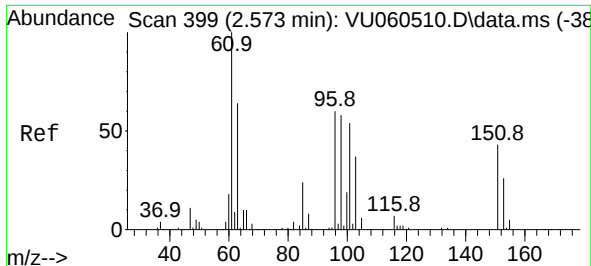
Tgt Ion: 64 Resp: 7705
Ion Ratio Lower Upper
64 100
66 33.3 22.5 41.9



#9
Trichlorofluoromethane
Concen: 0.863 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.003 min
Lab File: VU060509.D
Acq: 23 Aug 2024 12:42

Tgt Ion:101 Resp: 18253
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.2

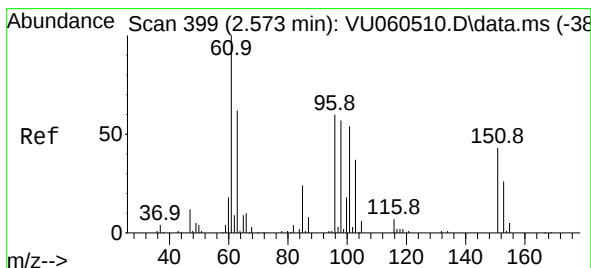
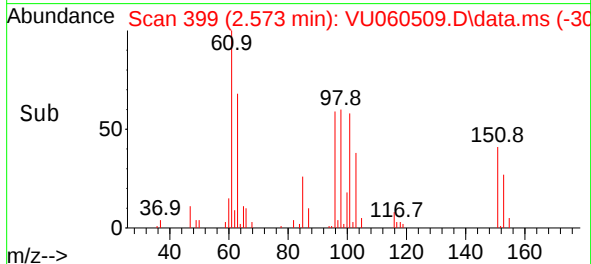
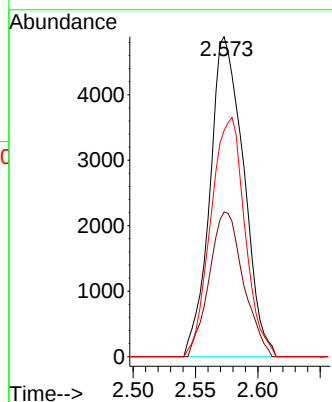
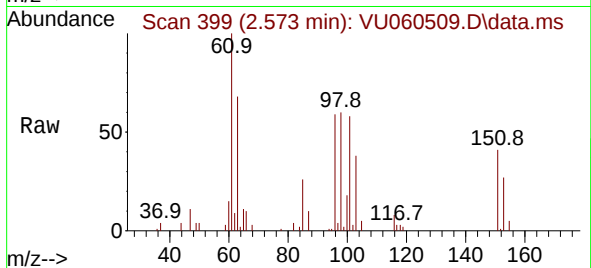




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.026 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU060509.D
 Acq: 23 Aug 2024 12:42

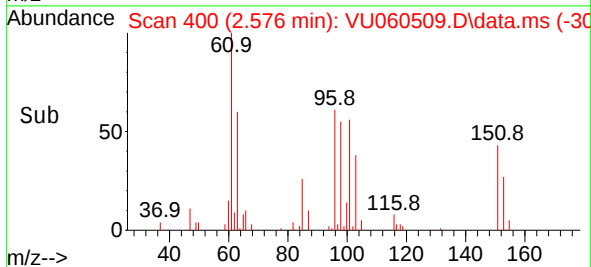
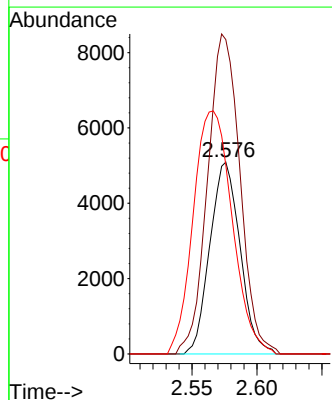
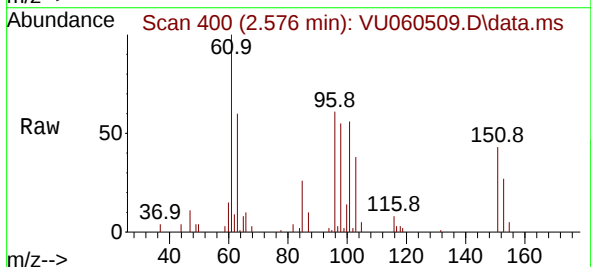
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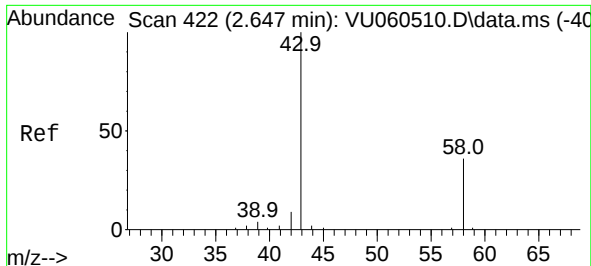
Tgt Ion:101 Resp: 9176
 Ion Ratio Lower Upper
 101 100
 85 45.7 35.8 53.6
 151 75.7 61.7 92.5



#12
 1,1-Dichloroethene
 Concen: 0.996 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.003 min
 Lab File: VU060509.D
 Acq: 23 Aug 2024 12:42

Tgt Ion: 96 Resp: 8203
 Ion Ratio Lower Upper
 96 100
 61 163.9 116.4 216.2
 63 98.6 74.8 139.0





#13

Acetone

Concen: 9.789 ug/L

RT: 2.650 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU060509.D

Acq: 23 Aug 2024 12:42

Instrument :

MSVOA_U

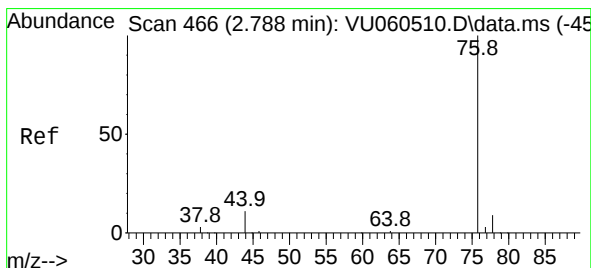
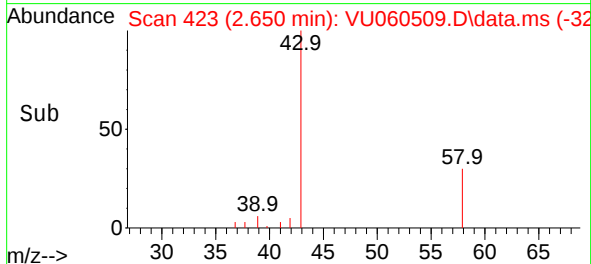
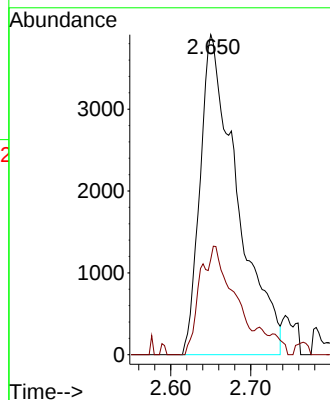
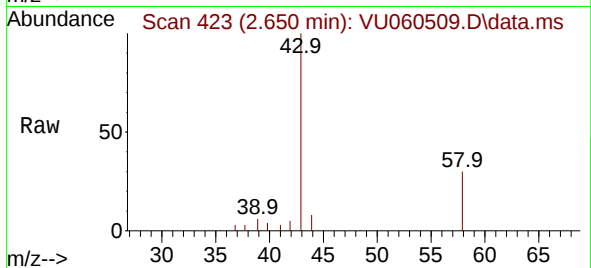
ClientSampleId :

Tgt Ion: 43 Resp: 12608

Ion Ratio Lower Upper

43 100

58 16.9 0.0 66.8



#14

Carbon disulfide

Concen: 1.019 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU060509.D

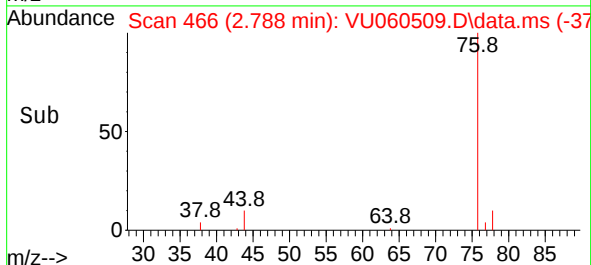
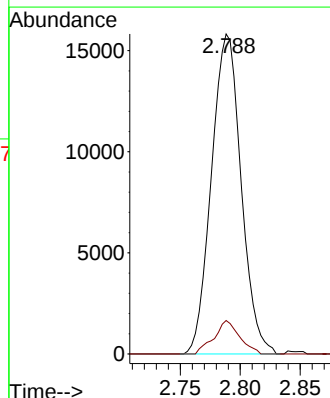
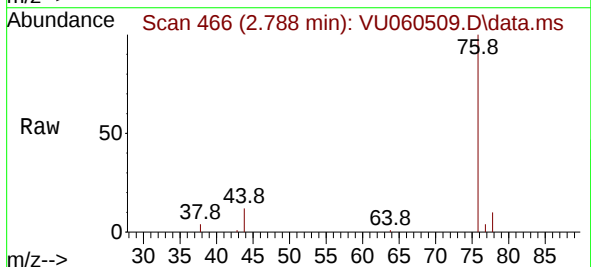
Acq: 23 Aug 2024 12:42

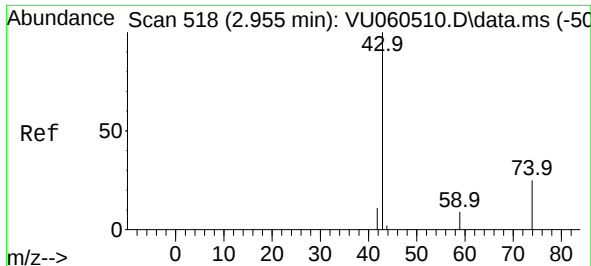
Tgt Ion: 76 Resp: 27229

Ion Ratio Lower Upper

76 100

78 10.4 7.4 11.2





#15

Methyl Acetate

Concen: 0.640 ug/L

RT: 2.962 min Scan# 51

Delta R.T. 0.006 min

Lab File: VU060509.D

Acq: 23 Aug 2024 12:42

Instrument :

MSVOA_U

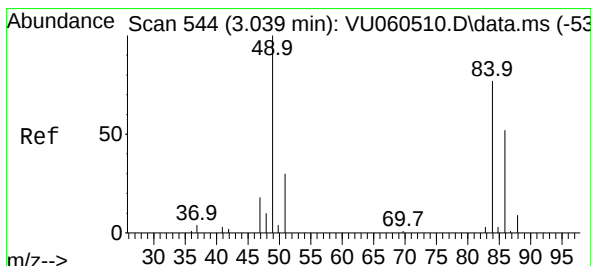
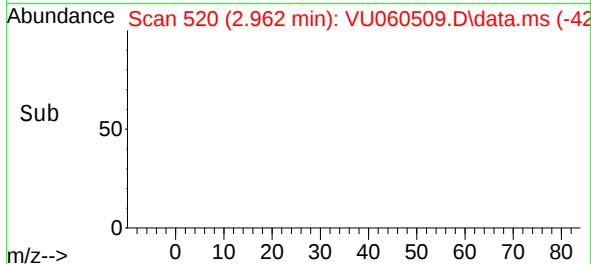
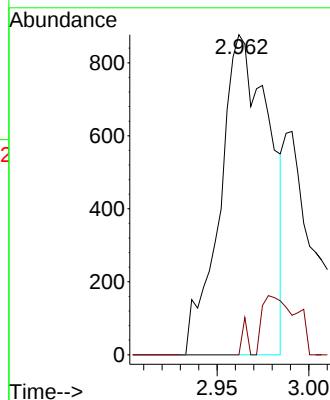
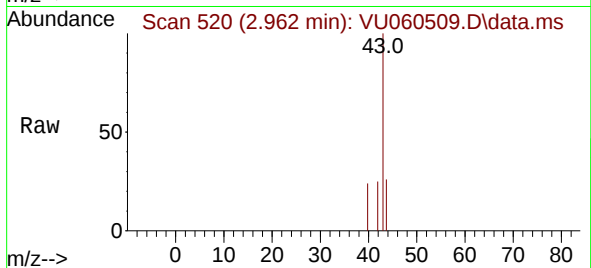
ClientSampleId :

Tgt Ion: 43 Resp: 1645

Ion Ratio Lower Upper

43 100

74 1.2 21.4 32.2#



#16

Methylene chloride

Concen: 0.918 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.000 min

Lab File: VU060509.D

Acq: 23 Aug 2024 12:42

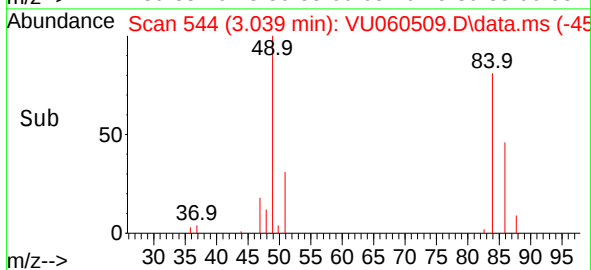
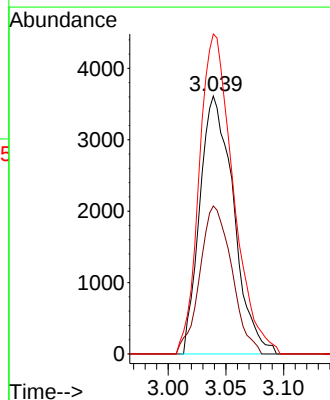
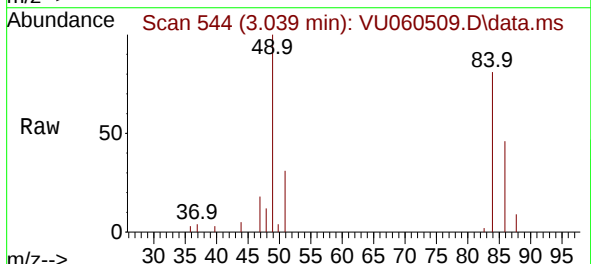
Tgt Ion: 84 Resp: 7340

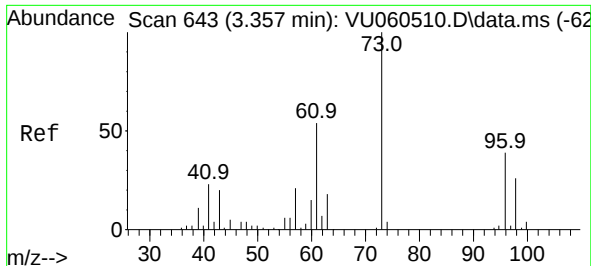
Ion Ratio Lower Upper

84 100

86 57.4 47.5 88.3

49 129.1 94.4 175.2

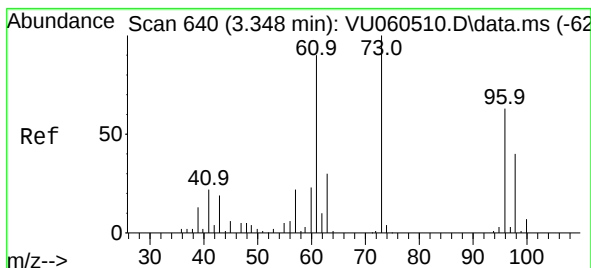
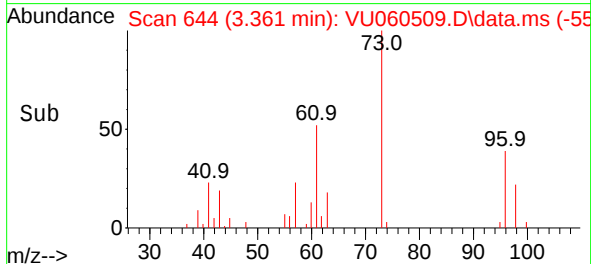
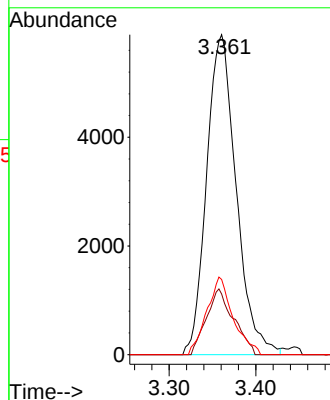
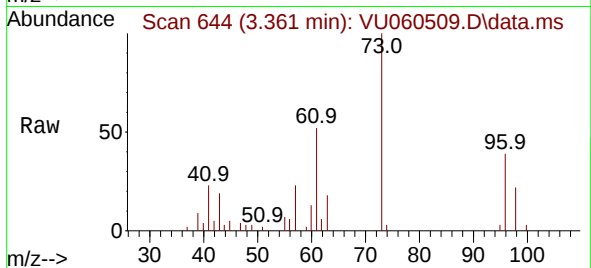




#17
Methyl tert-butyl Ether
Concen: 0.835 ug/L
RT: 3.361 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU060509.D
Acq: 23 Aug 2024 12:42

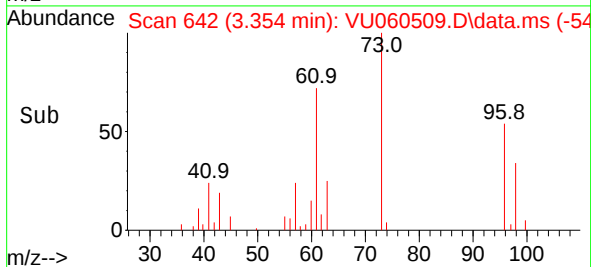
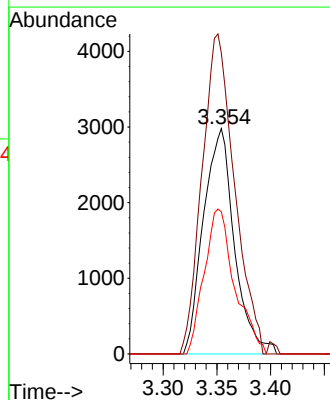
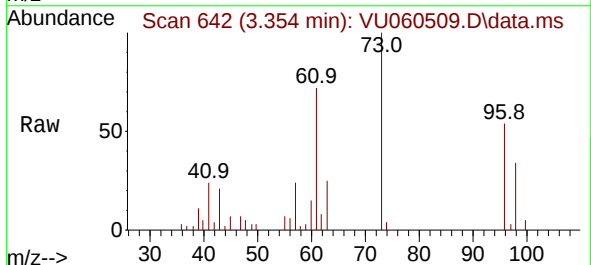
Instrument :
MSVOA_U
ClientSampleId :

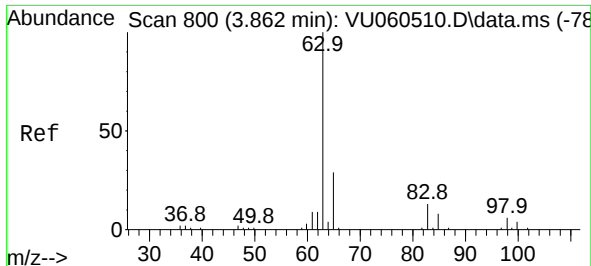
Tgt Ion: 73 Resp: 13953
Ion Ratio Lower Upper
73 100
43 18.9 15.8 23.6
57 21.6 16.8 25.2



#18
trans-1,2-Dichloroethene
Concen: 0.830 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.006 min
Lab File: VU060509.D
Acq: 23 Aug 2024 12:42

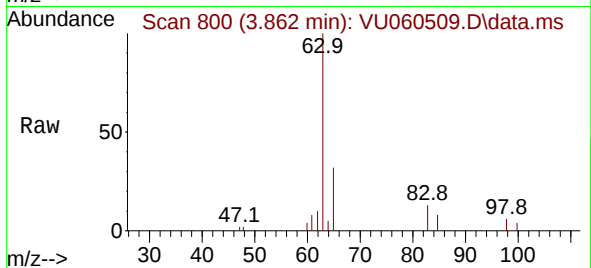
Tgt Ion: 96 Resp: 5954
Ion Ratio Lower Upper
96 100
61 133.4 99.2 184.2
98 63.1 44.0 81.8



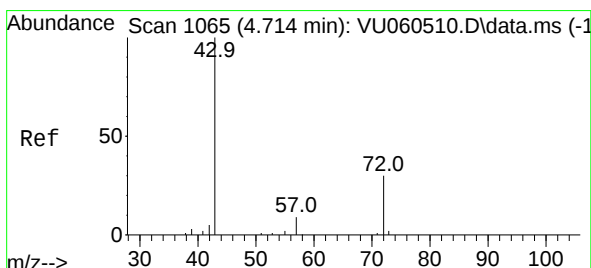
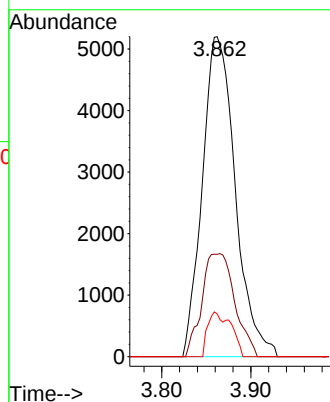
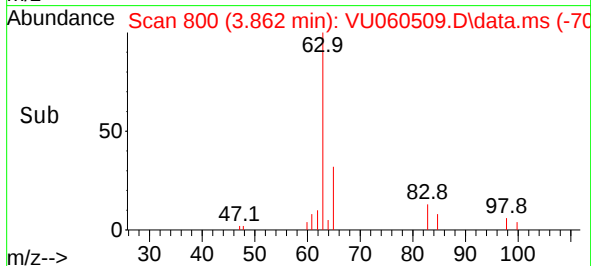


#19
1,1-Dichloroethane
Concen: 0.919 ug/L
RT: 3.862 min Scan# 800
Delta R.T. -0.000 min
Lab File: VU060509.D
Acq: 23 Aug 2024 12:42

Instrument :
MSVOA_U
ClientSampleId :

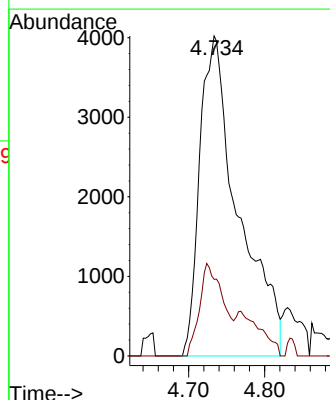
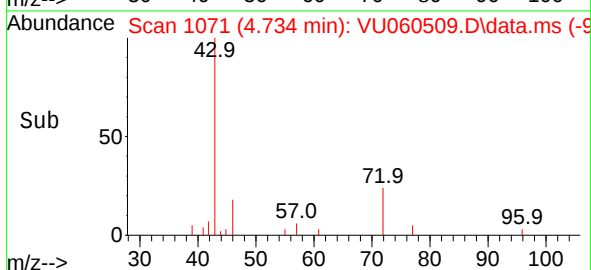
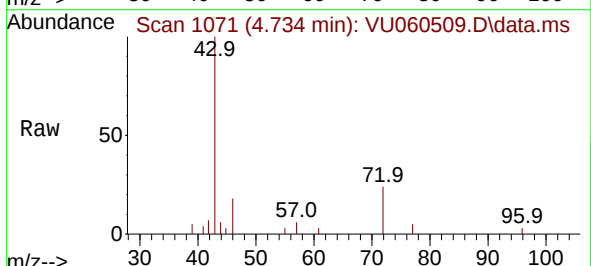


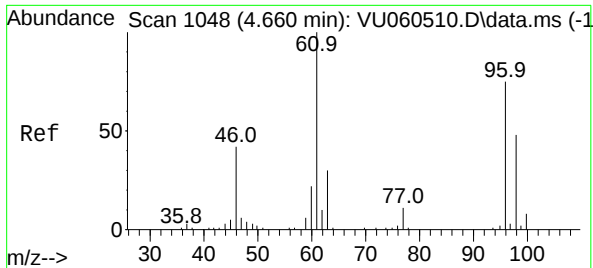
Tgt Ion: 63 Resp: 13359
Ion Ratio Lower Upper
63 100
65 32.0 20.5 38.1
83 13.4 9.2 17.2



#21
2-Butanone
Concen: 8.098 ug/L
RT: 4.734 min Scan# 1071
Delta R.T. 0.019 min
Lab File: VU060509.D
Acq: 23 Aug 2024 12:42

Tgt Ion: 43 Resp: 14142
Ion Ratio Lower Upper
43 100
72 17.9 14.0 42.0

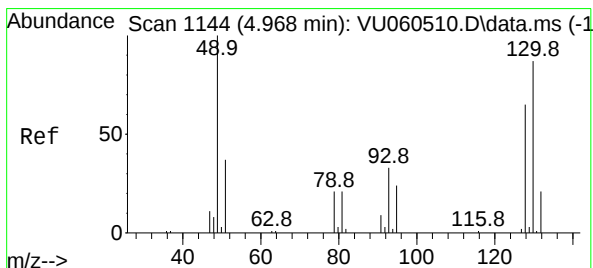
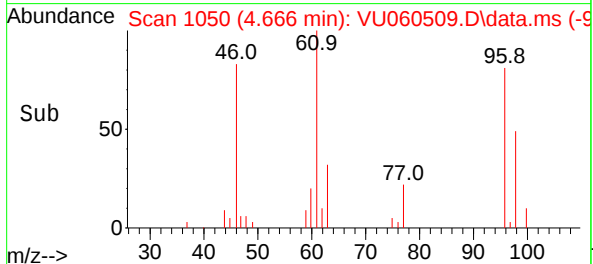
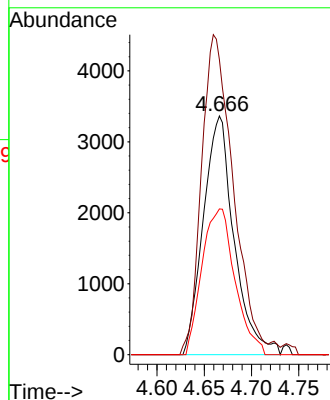
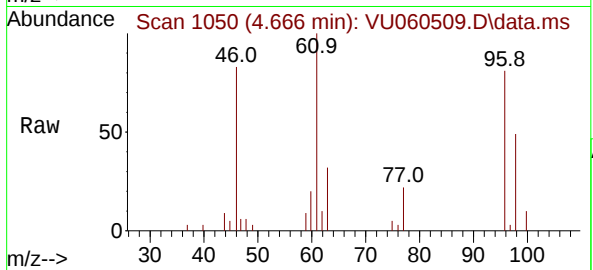




#22
 cis-1,2-Dichloroethene
 Concen: 0.951 ug/L
 RT: 4.666 min Scan# 1050
 Delta R.T. 0.006 min
 Lab File: VU060509.D
 Acq: 23 Aug 2024 12:42

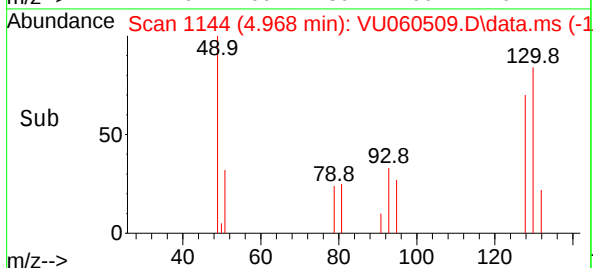
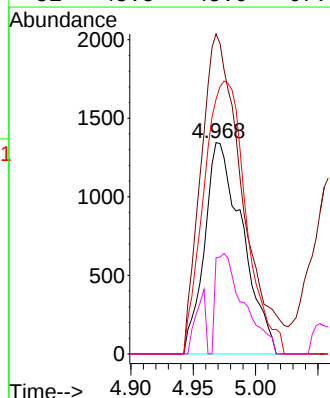
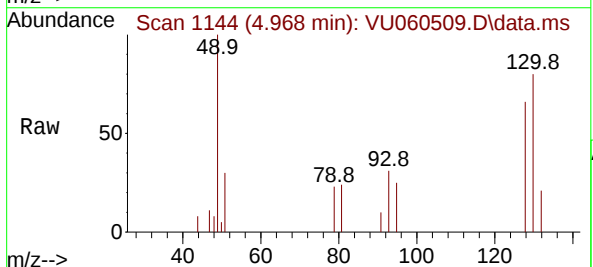
Instrument :
 MSVOA_U
 ClientSampleId :

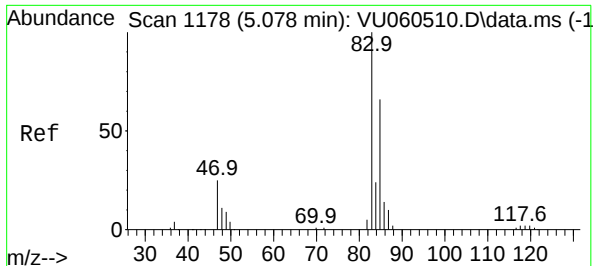
Tgt Ion:	96	Resp:	7596
Ion	Ratio	Lower	Upper
96	100		
61	123.6	92.9	172.5
98	61.0	45.0	83.6



#23
 Bromochloromethane
 Concen: 0.785 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. 0.000 min
 Lab File: VU060509.D
 Acq: 23 Aug 2024 12:42

Tgt Ion:	128	Resp:	2849
Ion	Ratio	Lower	Upper
128	100		
49	151.3	108.1	200.7
130	120.4	93.1	172.9
51	45.5	45.0	67.4





#25

Chloroform

Concen: 0.876 ug/L

RT: 5.084 min Scan# 1401

Delta R.T. 0.006 min

Lab File: VU060509.D

Acq: 23 Aug 2024 12:42

Instrument :

MSVOA_U

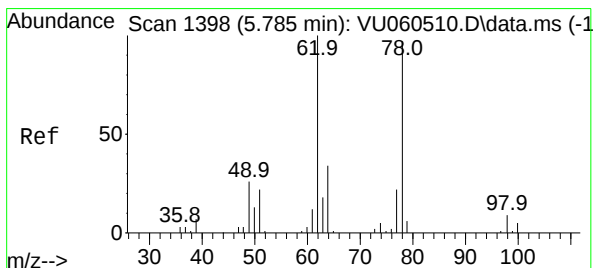
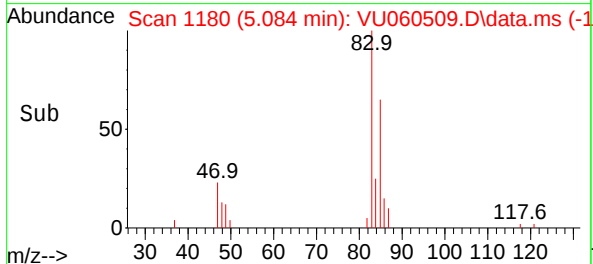
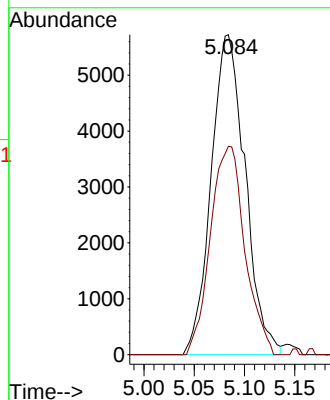
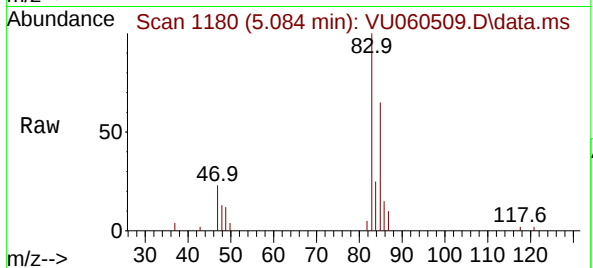
ClientSampleId :

Tgt Ion: 83 Resp: 13474

Ion Ratio Lower Upper

83 100

85 65.1 46.4 86.2



#27

1,2-Dichloroethane

Concen: 0.979 ug/L

RT: 5.795 min Scan# 1401

Delta R.T. 0.010 min

Lab File: VU060509.D

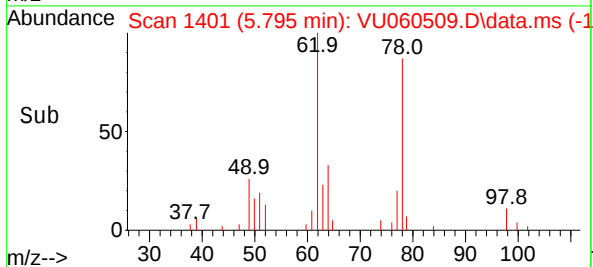
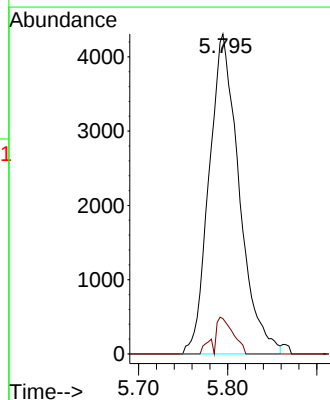
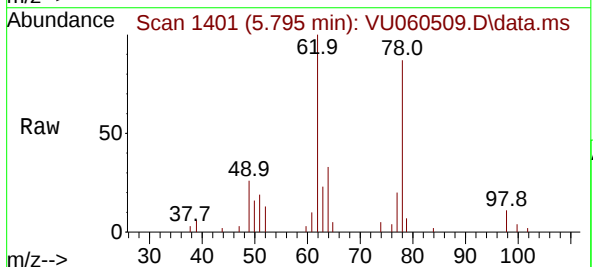
Acq: 23 Aug 2024 12:42

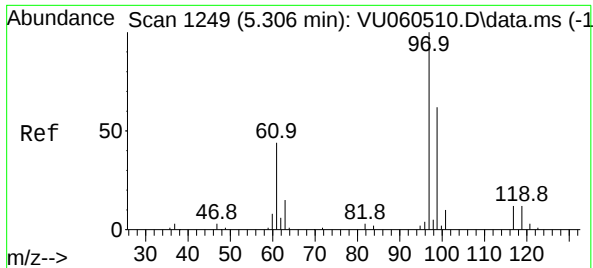
Tgt Ion: 62 Resp: 10101

Ion Ratio Lower Upper

62 100

98 11.0 7.0 10.4#

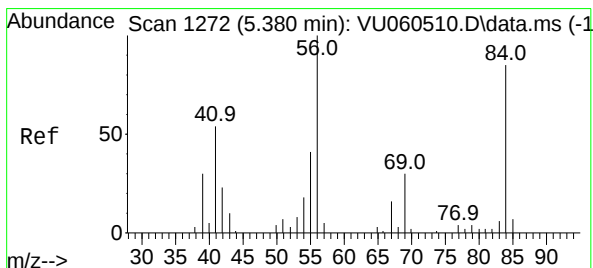
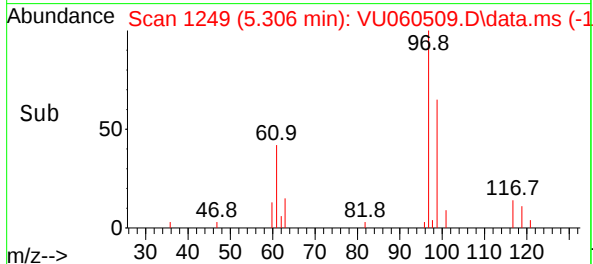
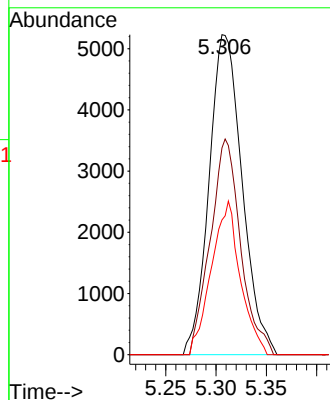
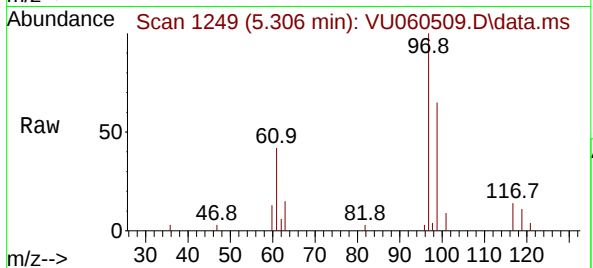




#29
1,1,1-Trichloroethane
Concen: 0.940 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU060509.D
Acq: 23 Aug 2024 12:42

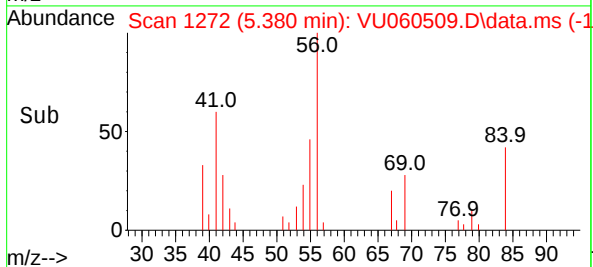
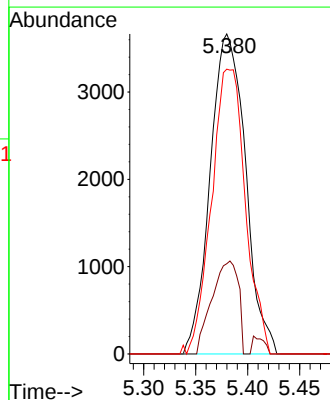
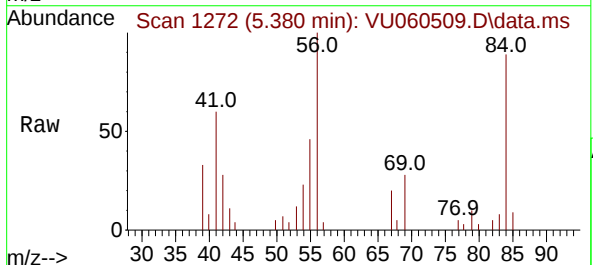
Instrument :
MSVOA_U
ClientSampleId :

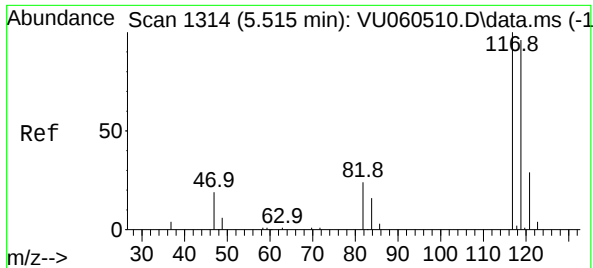
Tgt Ion: 97 Resp: 11970
Ion Ratio Lower Upper
97 100
99 61.9 49.7 74.5
61 42.0 35.4 53.2



#30
Cyclohexane
Concen: 0.822 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU060509.D
Acq: 23 Aug 2024 12:42

Tgt Ion: 56 Resp: 8668
Ion Ratio Lower Upper
56 100
69 21.7 24.2 36.2#
84 85.3 69.7 104.5

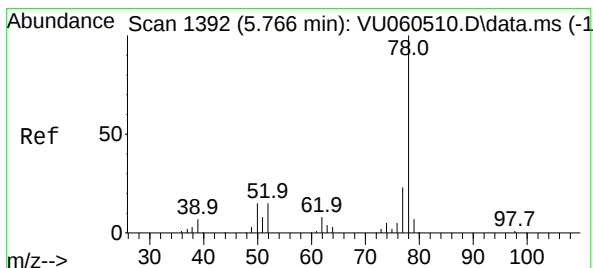
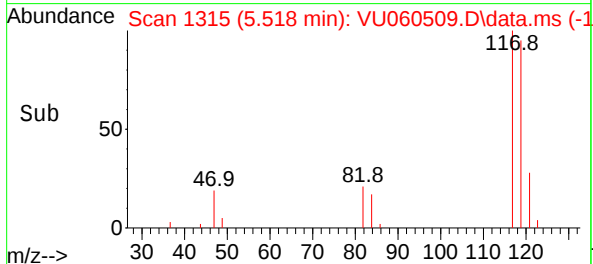
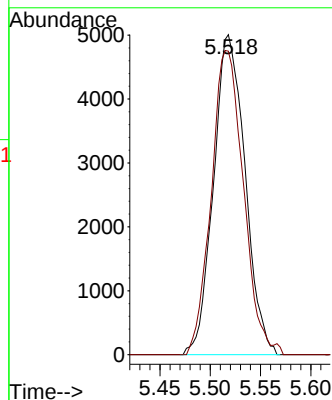
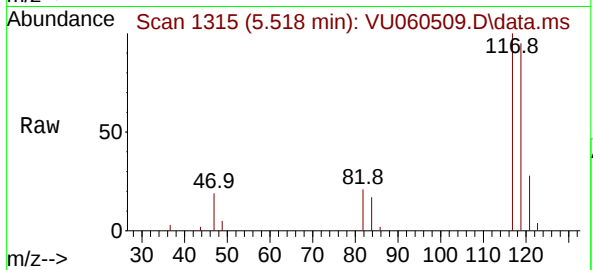




#31
Carbon tetrachloride
Concen: 0.928 ug/L
RT: 5.518 min Scan# 1314
Delta R.T. 0.003 min
Lab File: VU060509.D
Acq: 23 Aug 2024 12:42

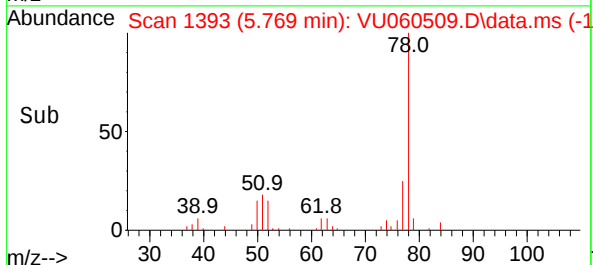
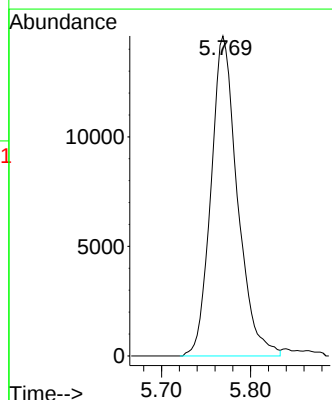
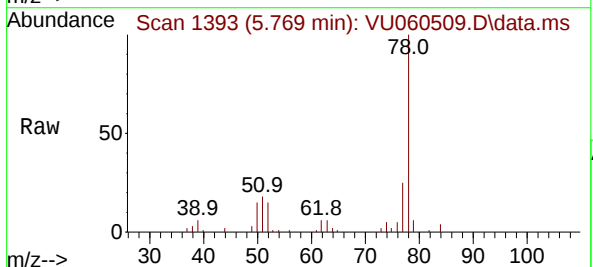
Instrument :
MSVOA_U
ClientSampleId :

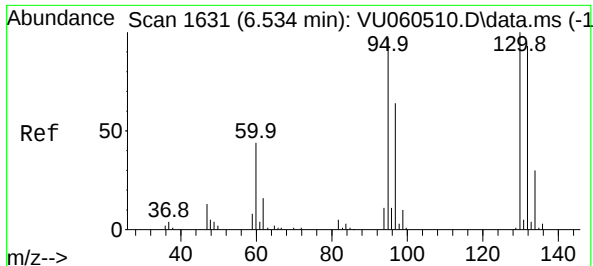
Tgt Ion:117 Resp: 10930
Ion Ratio Lower Upper
117 100
119 96.9 76.4 114.6



#33
Benzene
Concen: 1.023 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.003 min
Lab File: VU060509.D
Acq: 23 Aug 2024 12:42

Tgt Ion: 78 Resp: 30170





#34

Trichloroethene

Concen: 0.893 ug/L

RT: 6.541 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU060509.D

Acq: 23 Aug 2024 12:42

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 7138

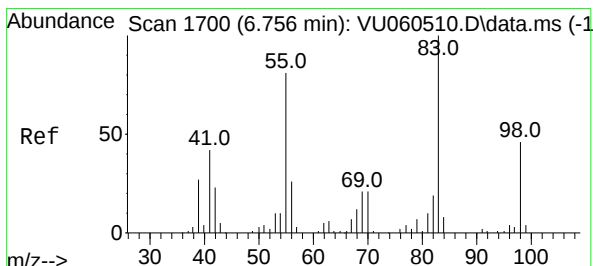
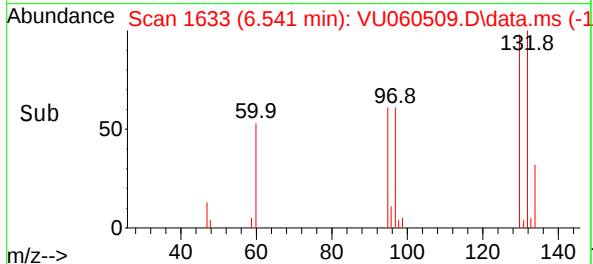
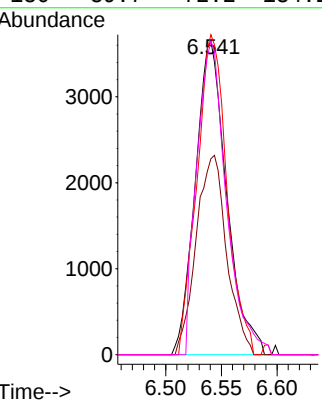
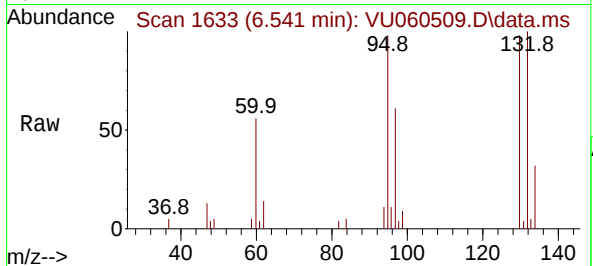
Ion Ratio Lower Upper

95 100

97 56.1 45.8 85.2

132 91.6 67.4 125.2

130 89.7 72.2 134.2



#35

Methylcyclohexane

Concen: 0.835 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VU060509.D

Acq: 23 Aug 2024 12:42

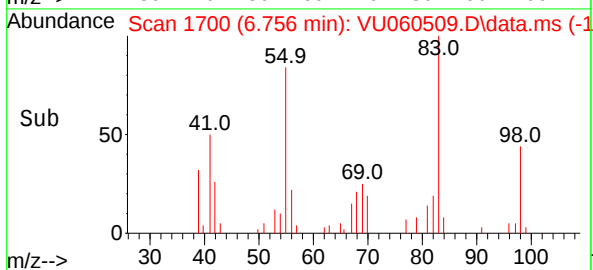
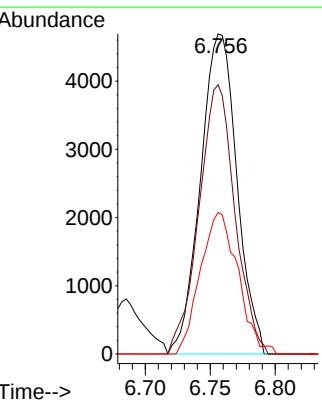
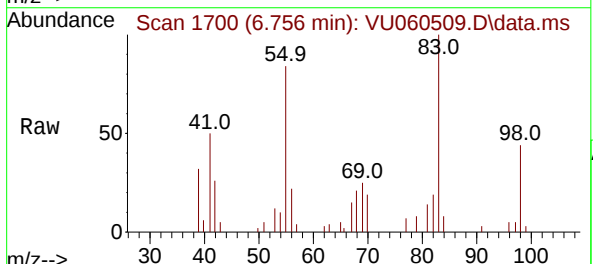
Tgt Ion: 83 Resp: 9164

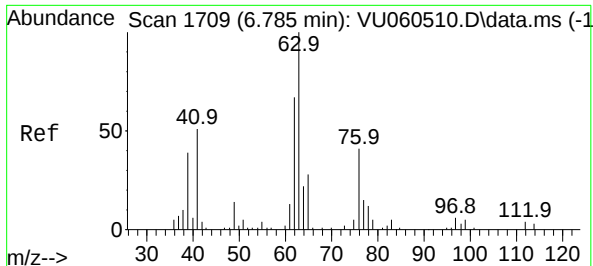
Ion Ratio Lower Upper

83 100

55 82.9 65.8 98.8

98 45.6 37.8 56.8

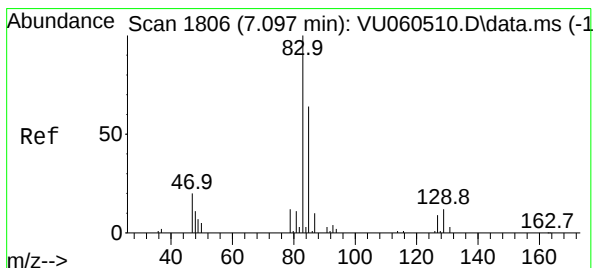
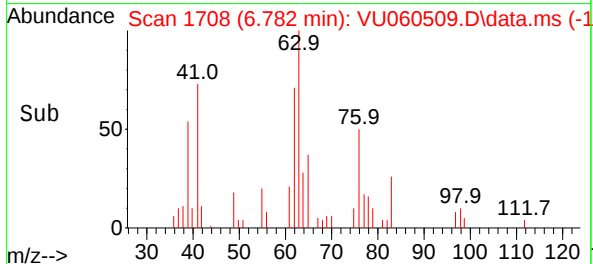
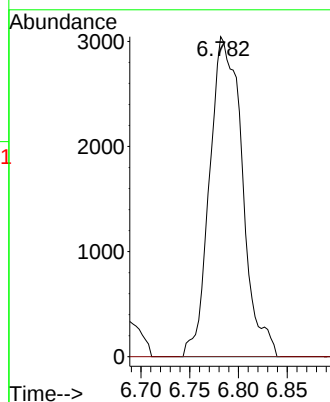
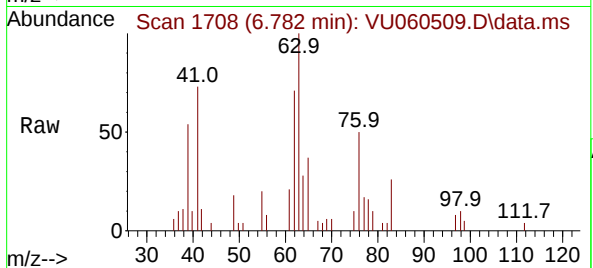




#37
1,2-Dichloropropane
Concen: 0.936 ug/L
RT: 6.782 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU060509.D
Acq: 23 Aug 2024 12:42

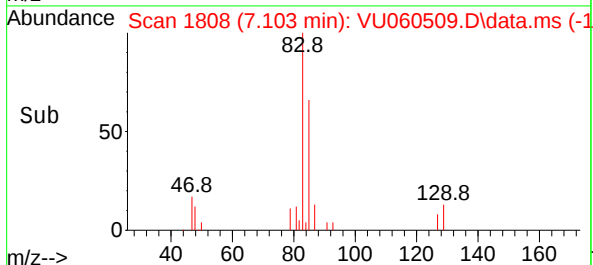
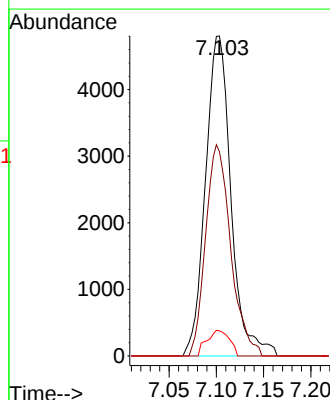
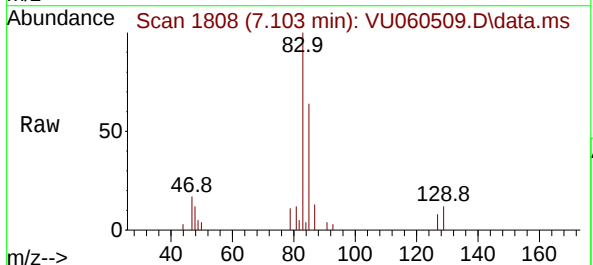
Instrument :
MSVOA_U
ClientSampleId :

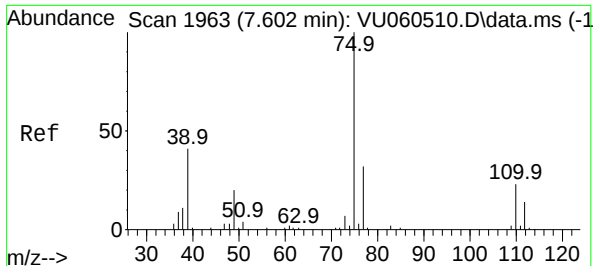
Tgt Ion: 63 Resp: 7078
Ion Ratio Lower Upper
63 100
112 0.0 2.3 3.5#



#38
Bromodichloromethane
Concen: 0.909 ug/L
RT: 7.103 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VU060509.D
Acq: 23 Aug 2024 12:42

Tgt Ion: 83 Resp: 9025
Ion Ratio Lower Upper
83 100
85 63.9 44.9 83.5
127 7.9 7.3 10.9

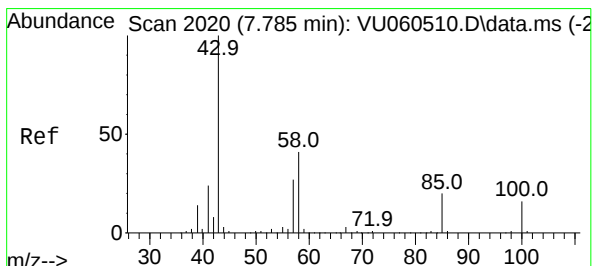
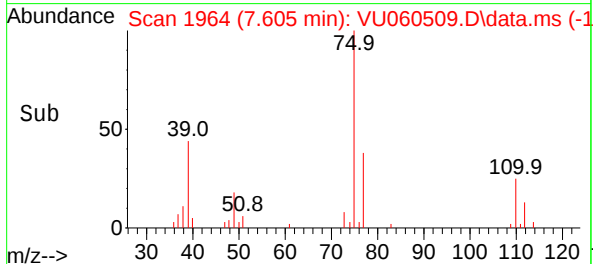
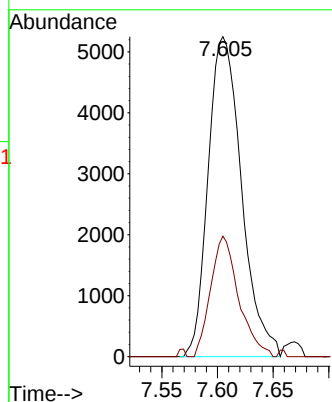
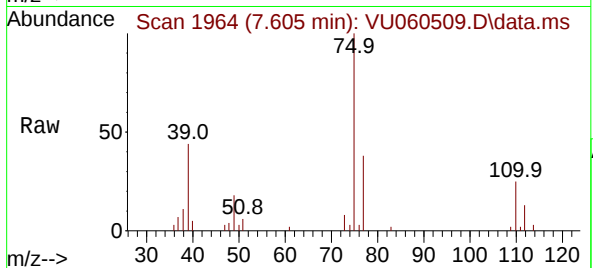




#39
 cis-1,3-Dichloropropene
 Concen: 0.988 ug/L
 RT: 7.605 min Scan# 1964
 Delta R.T. 0.003 min
 Lab File: VU060509.D
 Acq: 23 Aug 2024 12:42

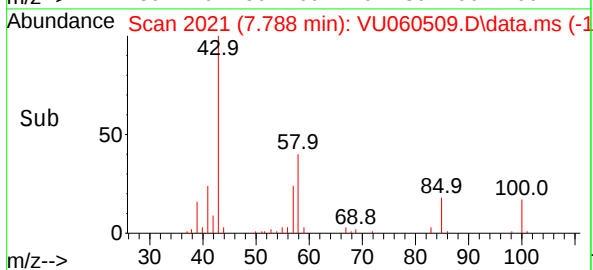
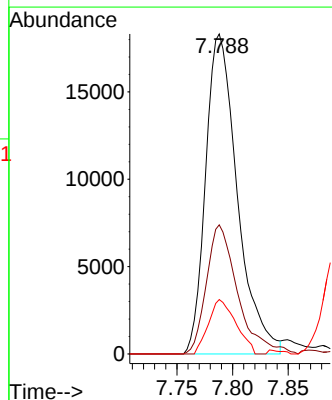
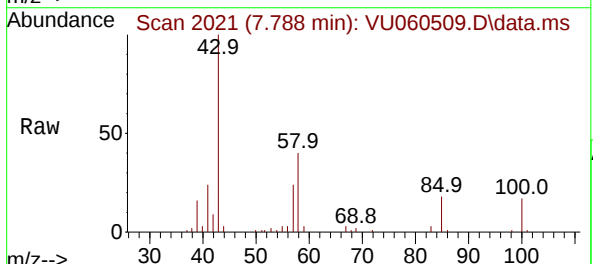
Instrument :
 MSVOA_U
 ClientSampleId :

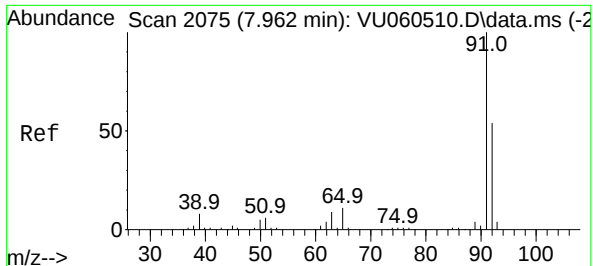
Tgt Ion: 75 Resp: 10949
 Ion Ratio Lower Upper
 75 100
 77 37.7 22.1 41.1



#40
 4-Methyl-2-pentanone
 Concen: 9.228 ug/L
 RT: 7.788 min Scan# 2021
 Delta R.T. 0.003 min
 Lab File: VU060509.D
 Acq: 23 Aug 2024 12:42

Tgt Ion: 43 Resp: 36329
 Ion Ratio Lower Upper
 43 100
 58 39.7 32.5 48.7
 100 14.7 12.5 18.7





#42

Toluene

Concen: 0.988 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU060509.D

Acq: 23 Aug 2024 12:42

Instrument :

MSVOA_U

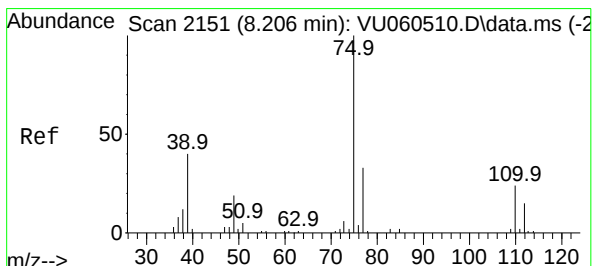
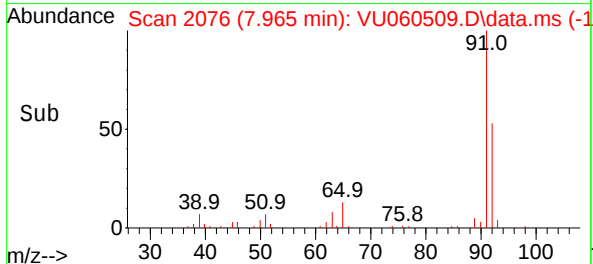
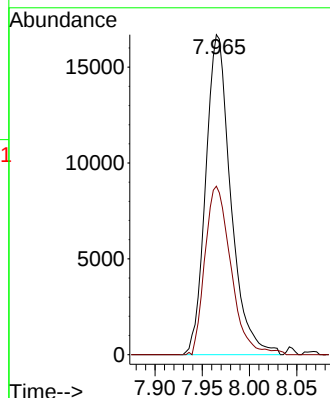
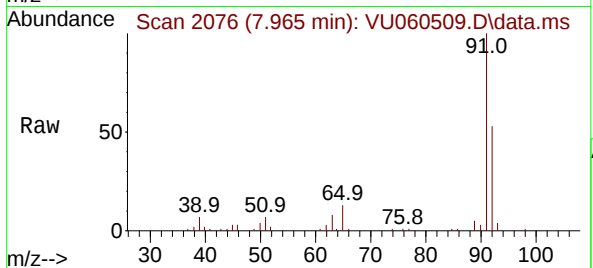
ClientSampleId :

Tgt Ion: 91 Resp: 30806

Ion Ratio Lower Upper

91 100

92 52.7 38.0 70.6



#44

trans-1,3-Dichloropropene

Concen: 0.858 ug/L

RT: 8.209 min Scan# 2152

Delta R.T. 0.003 min

Lab File: VU060509.D

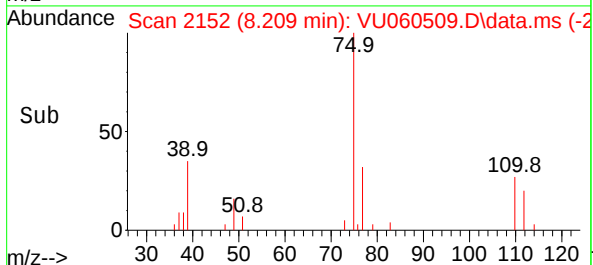
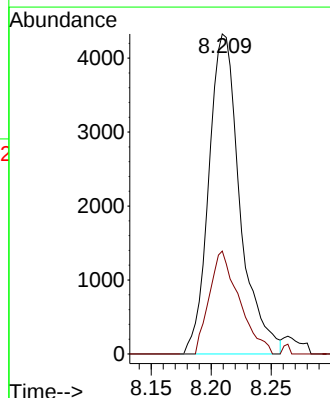
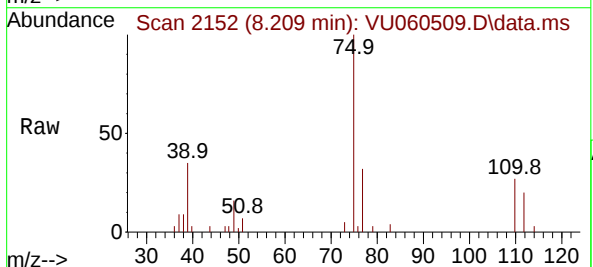
Acq: 23 Aug 2024 12:42

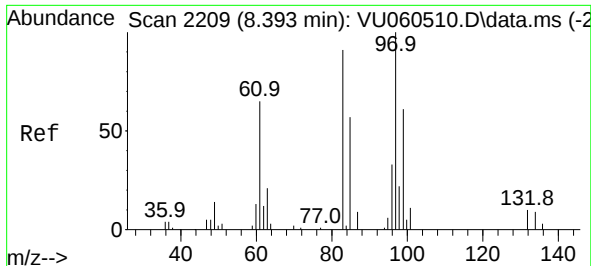
Tgt Ion: 75 Resp: 7808

Ion Ratio Lower Upper

75 100

77 32.1 23.4 43.6





#45

1,1,2-Trichloroethane

Concen: 0.975 ug/L

RT: 8.396 min Scan# 2210

Delta R.T. 0.003 min

Lab File: VU060509.D

Acq: 23 Aug 2024 12:42

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 5337

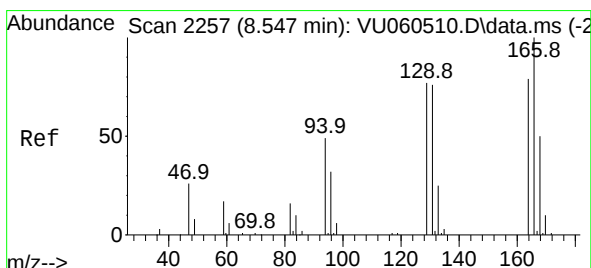
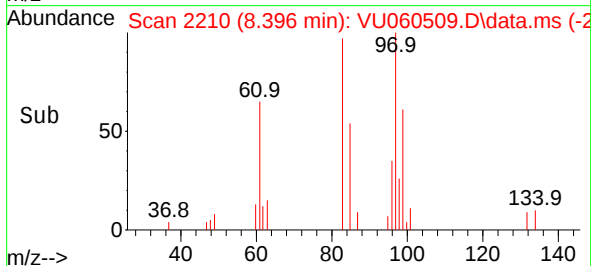
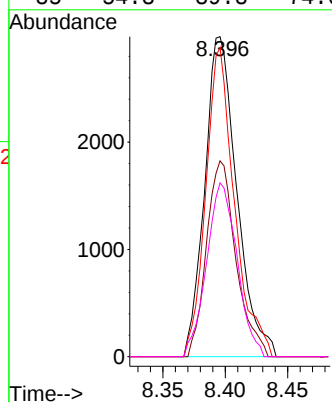
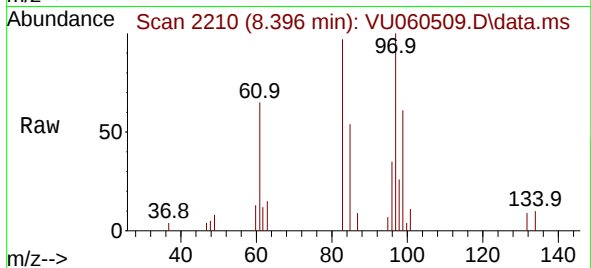
Ion Ratio Lower Upper

97 100

99 61.2 42.4 78.8

83 96.6 64.0 119.0

85 54.3 39.8 74.0



#47

Tetrachloroethene

Concen: 0.837 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.003 min

Lab File: VU060509.D

Acq: 23 Aug 2024 12:42

Tgt Ion: 164 Resp: 5488

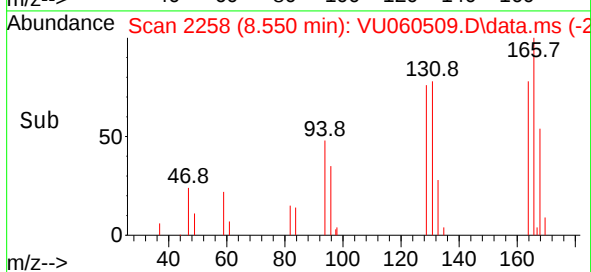
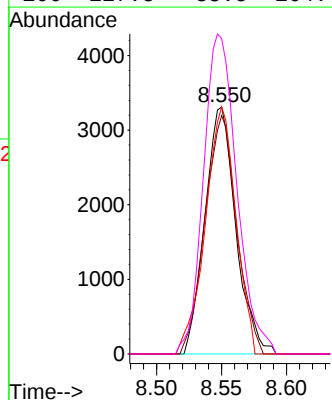
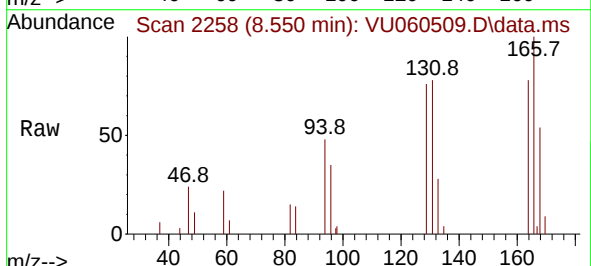
Ion Ratio Lower Upper

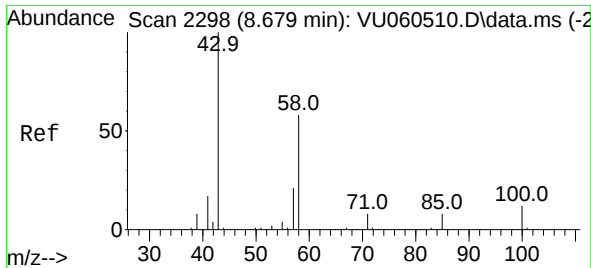
164 100

129 96.6 67.8 125.8

131 100.1 67.2 124.8

166 127.8 88.5 164.4

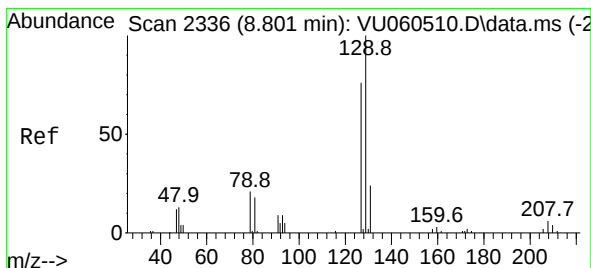
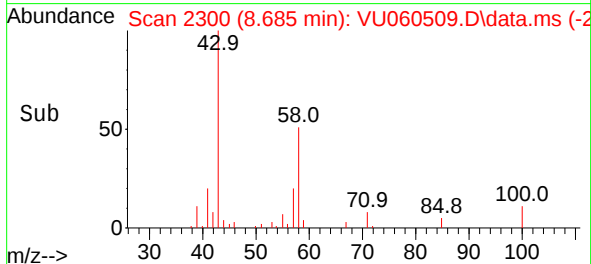
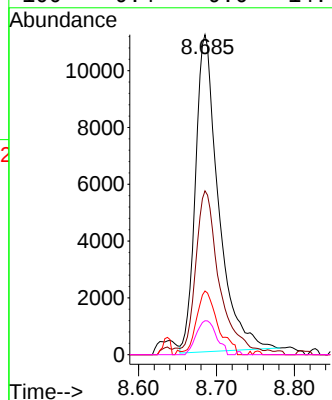
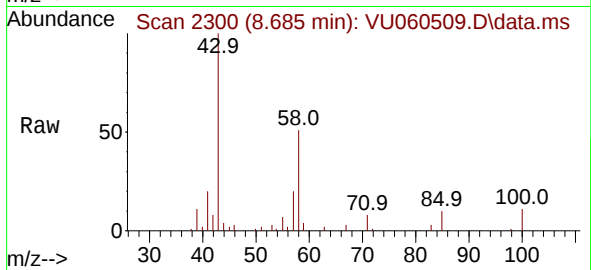




#48
2-Hexanone
Concen: 7.926 ug/L
RT: 8.685 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VU060509.D
Acq: 23 Aug 2024 12:42

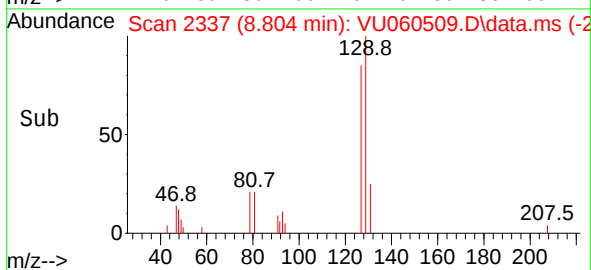
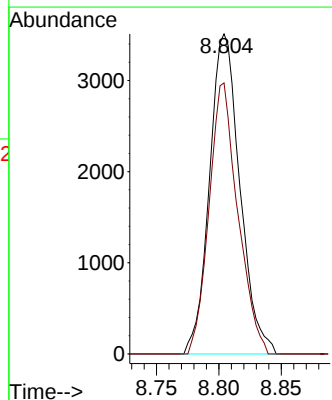
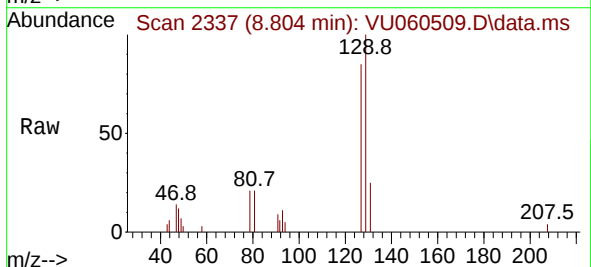
Instrument :
MSVOA_U
ClientSampleId :

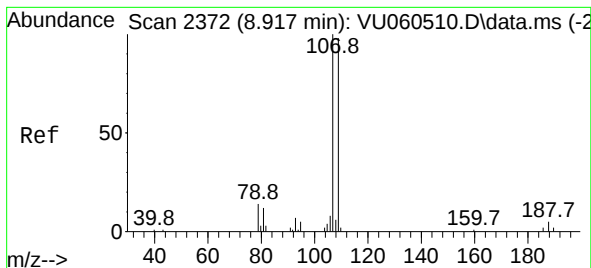
Tgt Ion: 43	Resp: 22926
Ion Ratio	Lower Upper
43 100	
58 50.9	45.6 68.4
57 18.8	15.6 23.4
100 9.4	9.6 14.4#



#49
Dibromochloromethane
Concen: 0.940 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.003 min
Lab File: VU060509.D
Acq: 23 Aug 2024 12:42

Tgt Ion:129	Resp: 5958		
Ion Ratio	Lower	Upper	
129 100			
127 84.7	53.0	98.4	





#50

1,2-Dibromoethane

Concen: 0.923 ug/L

RT: 8.917 min Scan# 2372

Delta R.T. 0.000 min

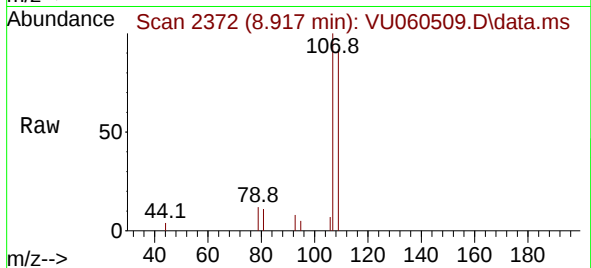
Lab File: VU060509.D

Acq: 23 Aug 2024 12:42

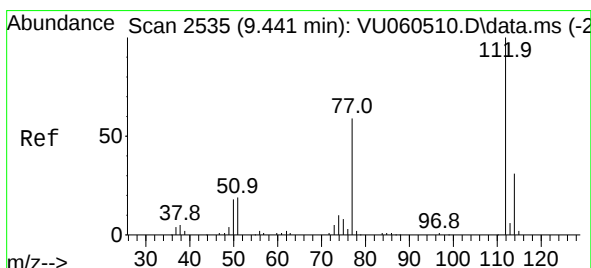
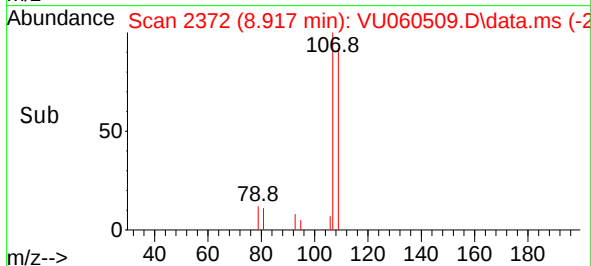
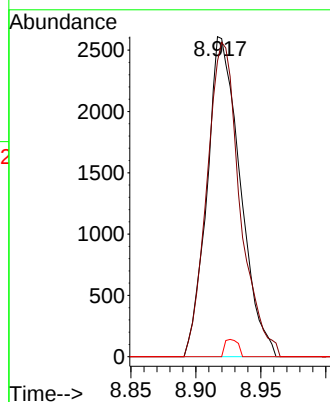
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	107	Resp:	4641
Ion	Ratio	Lower	Upper
107	100		
109	92.4	68.5	127.3
188	0.0	3.9	5.9#



#51

Chlorobenzene

Concen: 0.892 ug/L

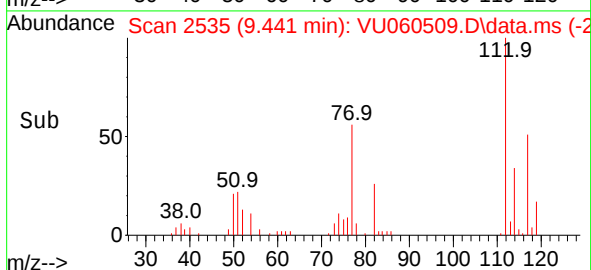
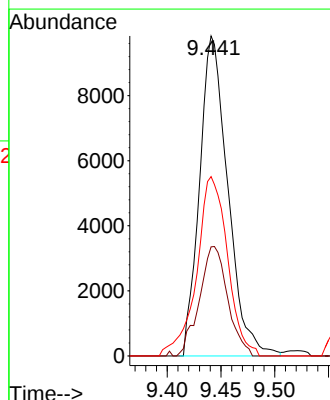
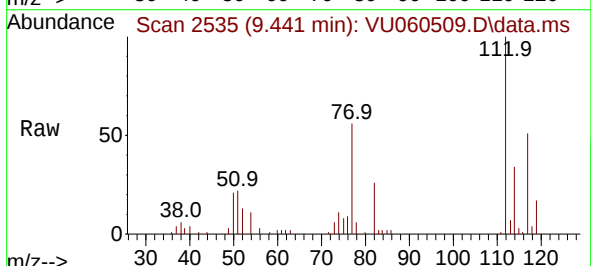
RT: 9.441 min Scan# 2535

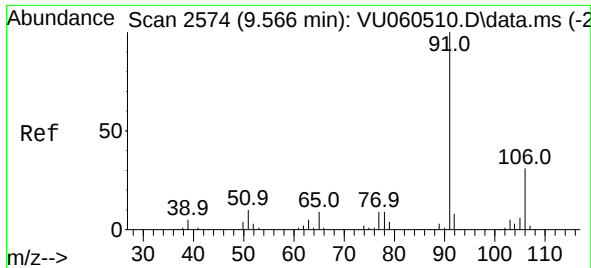
Delta R.T. -0.000 min

Lab File: VU060509.D

Acq: 23 Aug 2024 12:42

Tgt Ion:	112	Resp:	18003
Ion	Ratio	Lower	Upper
112	100		
114	34.1	21.9	40.7
77	56.1	47.4	71.2

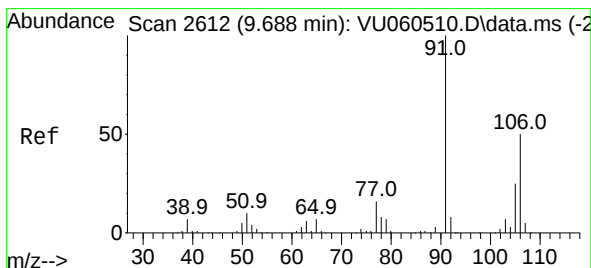
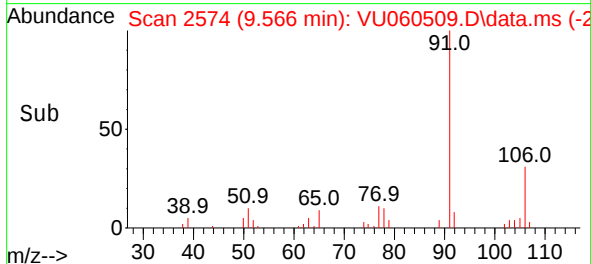
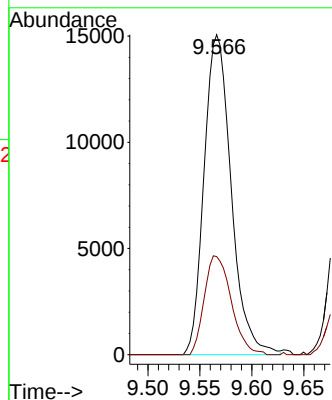
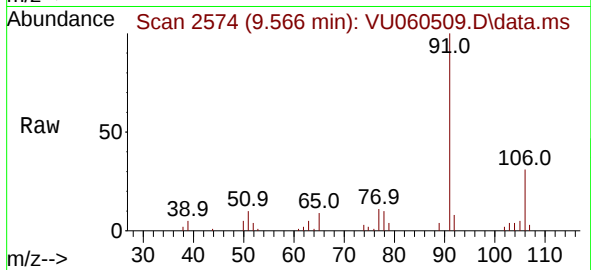




#52
Ethylbenzene
Concen: 0.827 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. -0.000 min
Lab File: VU060509.D
Acq: 23 Aug 2024 12:42

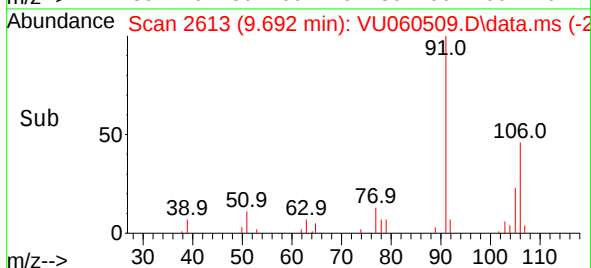
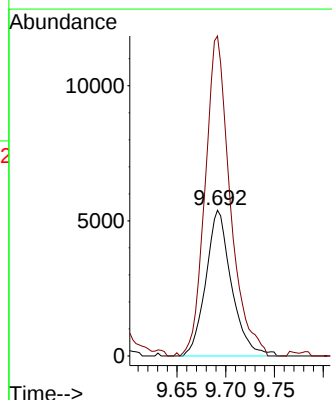
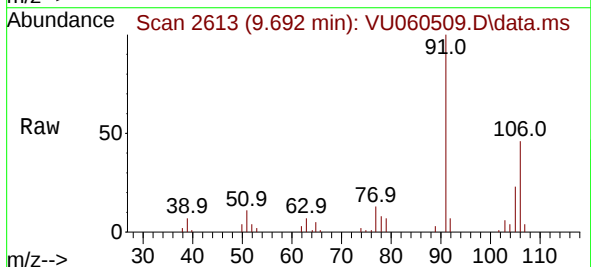
Instrument :
MSVOA_U
ClientSampleId :

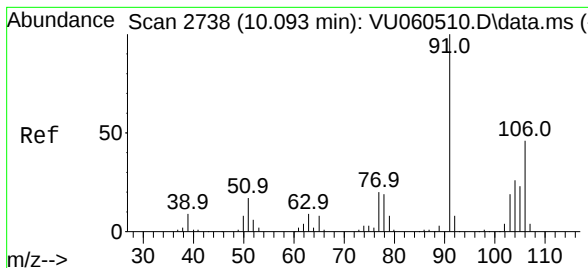
Tgt Ion: 91 Resp: 27304
Ion Ratio Lower Upper
91 100
106 30.6 21.9 40.7



#53
m,p-Xylene
Concen: 0.804 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU060509.D
Acq: 23 Aug 2024 12:42

Tgt Ion:106 Resp: 9874
Ion Ratio Lower Upper
106 100
91 219.5 141.5 262.9





#54

o-Xylene

Concen: 0.967 ug/L

RT: 10.093 min Scan# 2738

Delta R.T. 0.000 min

Lab File: VU060509.D

Acq: 23 Aug 2024 12:42

Instrument :

MSVOA_U

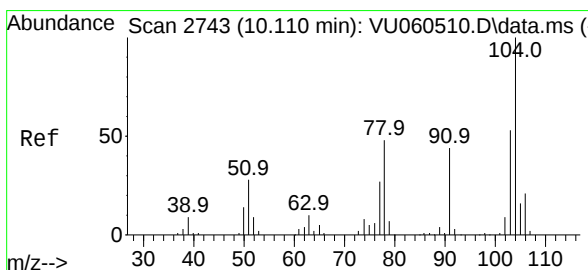
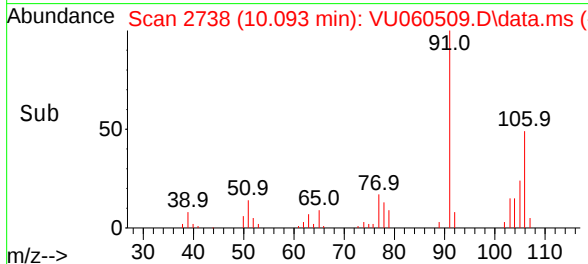
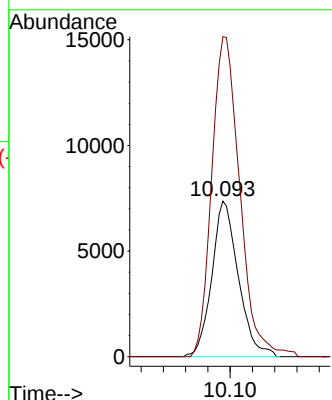
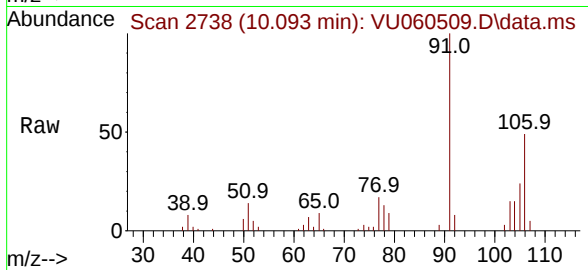
ClientSampleId :

Tgt Ion:106 Resp: 12156

Ion Ratio Lower Upper

106 100

91 205.8 151.1 280.7



#55

Styrene

Concen: 0.891 ug/L

RT: 10.113 min Scan# 2744

Delta R.T. 0.003 min

Lab File: VU060509.D

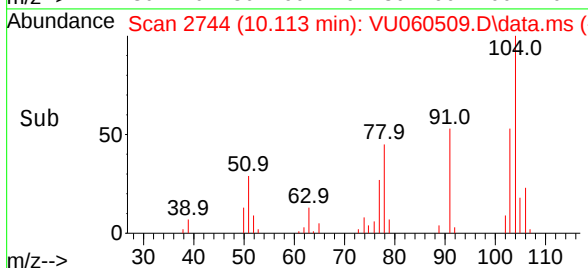
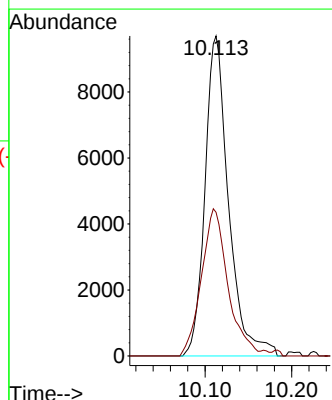
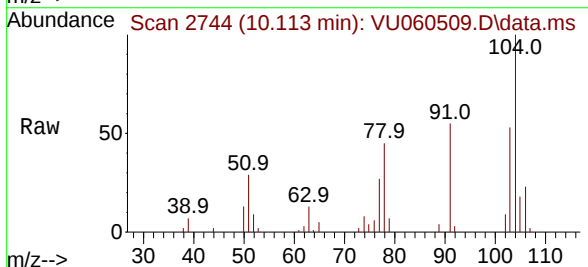
Acq: 23 Aug 2024 12:42

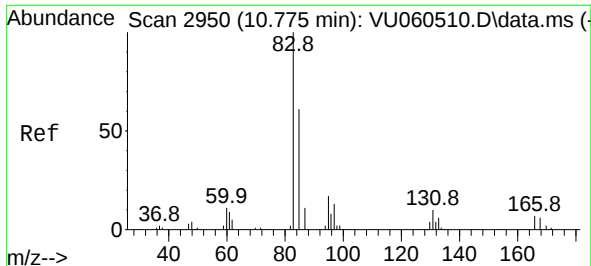
Tgt Ion:104 Resp: 18353

Ion Ratio Lower Upper

104 100

78 44.9 33.3 61.9





#57

1,1,2,2-Tetrachloroethane

Concen: 0.866 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU060509.D

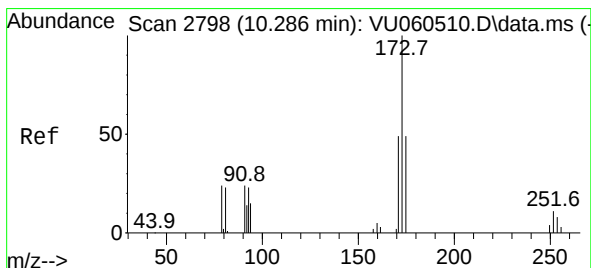
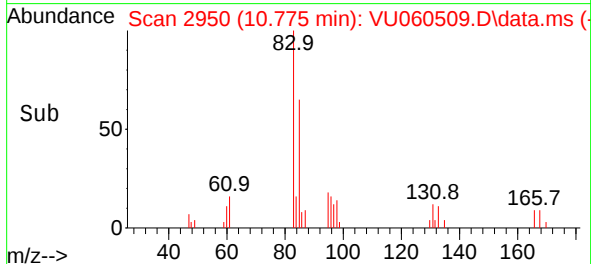
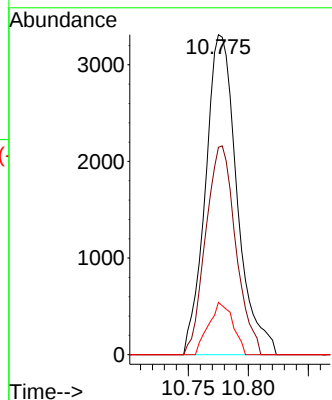
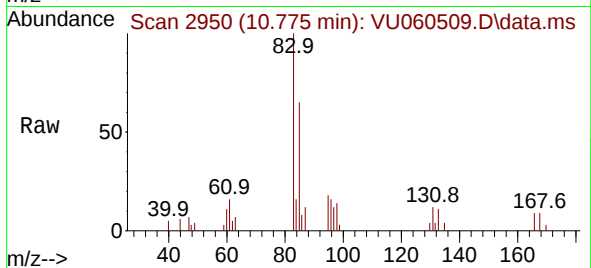
Acq: 23 Aug 2024 12:42

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	6054
Ion	Ratio	Lower	Upper
83	100		
85	72.4	43.3	80.5
131	16.4	8.9	13.3#



#59

Bromoform

Concen: 1.197 ug/L

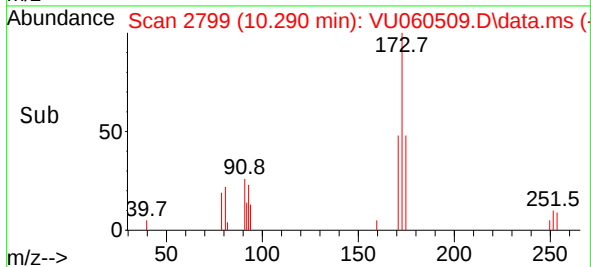
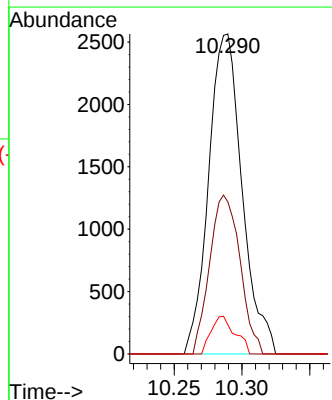
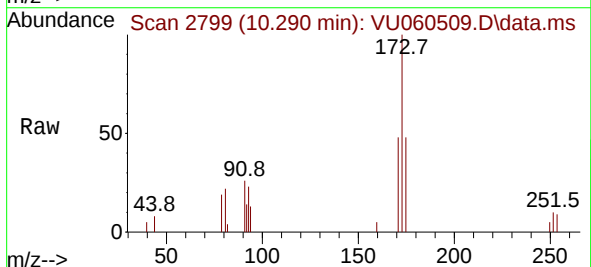
RT: 10.290 min Scan# 2799

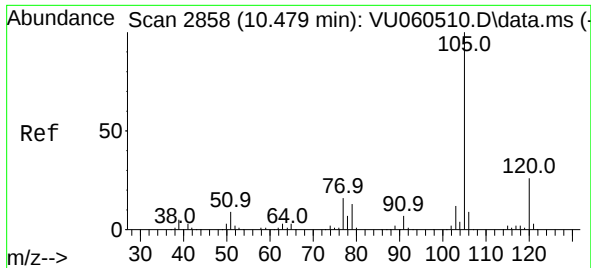
Delta R.T. 0.003 min

Lab File: VU060509.D

Acq: 23 Aug 2024 12:42

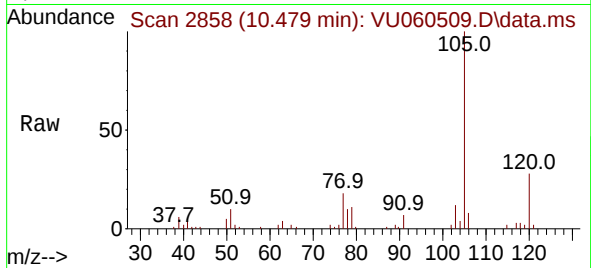
Tgt Ion:	173	Resp:	4402
Ion	Ratio	Lower	Upper
173	100		
175	45.0	39.8	59.8
254	8.5	8.2	12.2



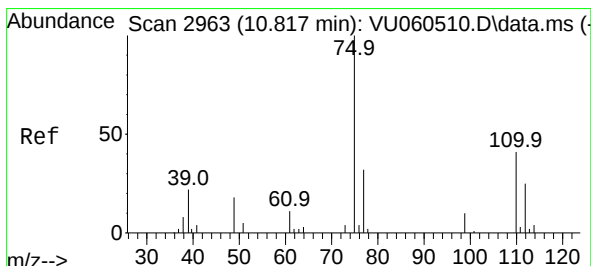
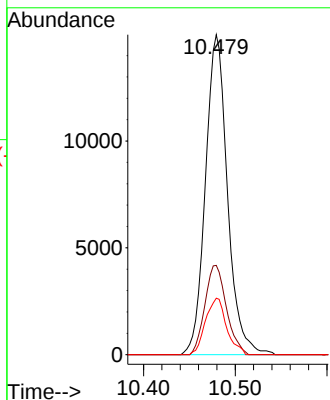
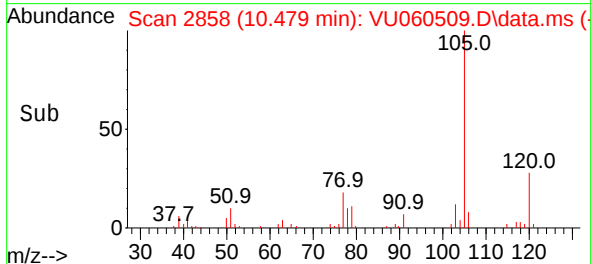


#60
Isopropylbenzene
Concen: 0.836 ug/L
RT: 10.479 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU060509.D
Acq: 23 Aug 2024 12:42

Instrument :
MSVOA_U
ClientSampleId :

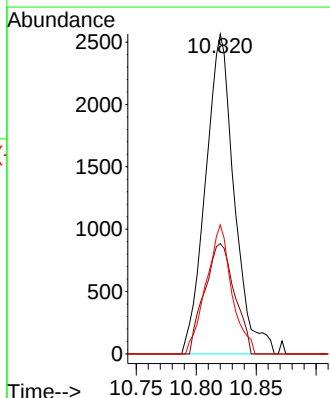
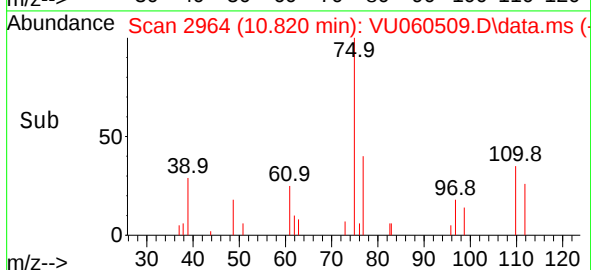
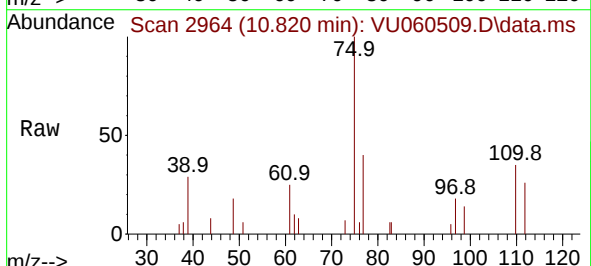


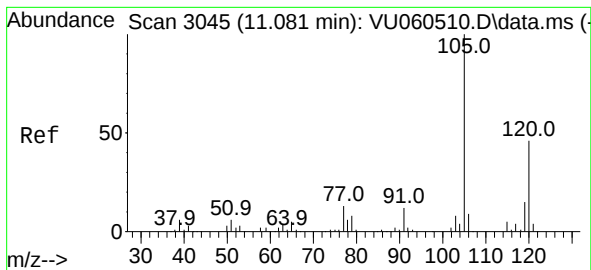
Tgt Ion:105 Resp: 25016
Ion Ratio Lower Upper
105 100
120 27.2 21.0 31.4
77 16.8 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 0.988 ug/L
RT: 10.820 min Scan# 2964
Delta R.T. 0.003 min
Lab File: VU060509.D
Acq: 23 Aug 2024 12:42

Tgt Ion: 75 Resp: 4267
Ion Ratio Lower Upper
75 100
110 35.8 30.2 45.4
77 36.0 25.4 38.2





#62

1,3,5-Trimethylbenzene

Concen: 0.897 ug/L

RT: 11.084 min Scan# 3045

Delta R.T. 0.003 min

Lab File: VU060509.D

Acq: 23 Aug 2024 12:42

Instrument :

MSVOA_U

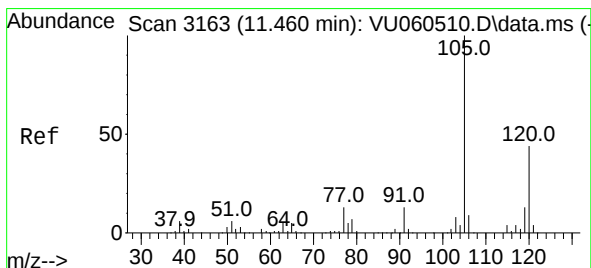
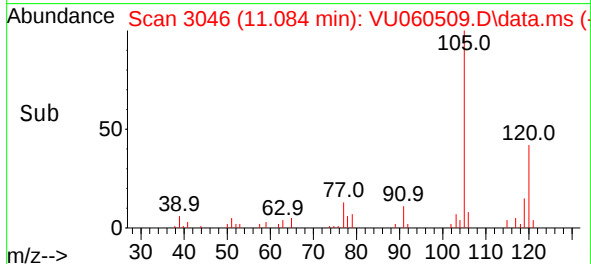
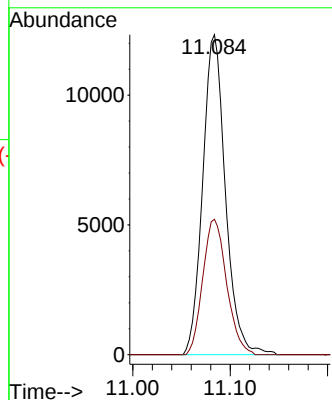
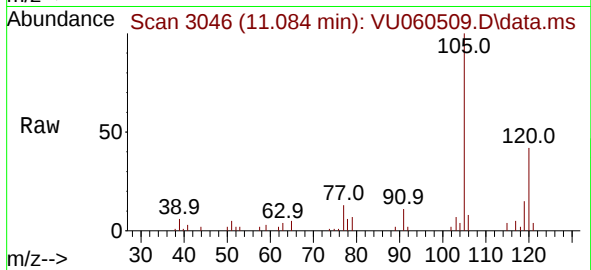
ClientSampleId :

Tgt Ion:105 Resp: 20000

Ion Ratio Lower Upper

105 100

120 44.3 37.4 56.0



#63

1,2,4-Trimethylbenzene

Concen: 0.799 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.003 min

Lab File: VU060509.D

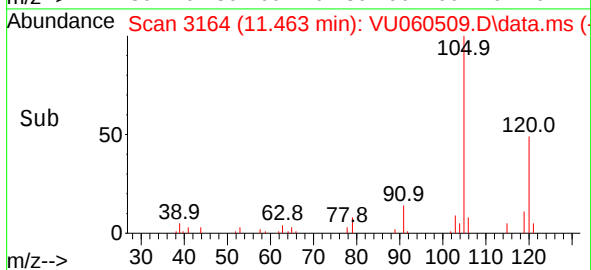
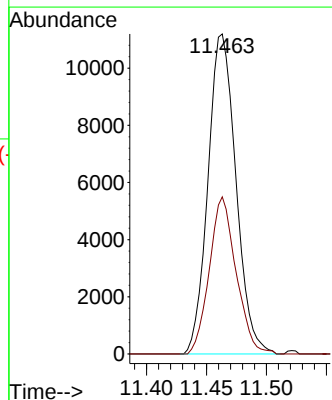
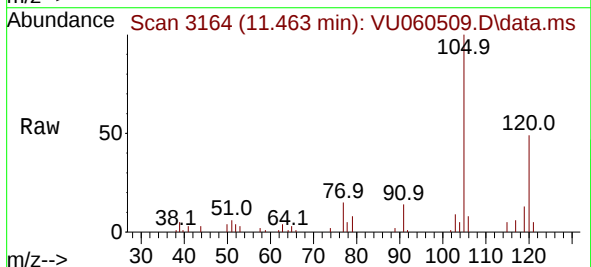
Acq: 23 Aug 2024 12:42

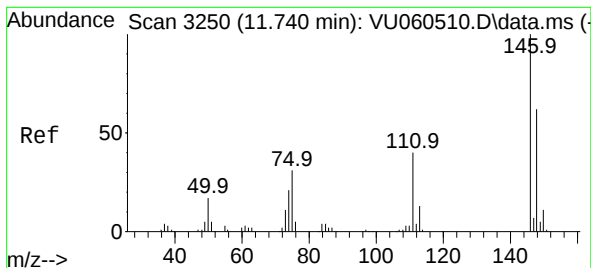
Tgt Ion:105 Resp: 18159

Ion Ratio Lower Upper

105 100

120 46.9 35.7 53.5





#64

1,3-Dichlorobenzene

Concen: 0.911 ug/L

RT: 11.743 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU060509.D

Acq: 23 Aug 2024 12:42

Instrument :

MSVOA_U

ClientSampleId :

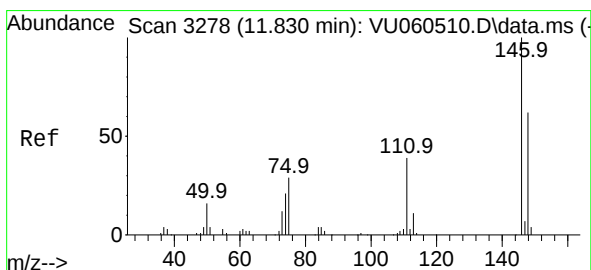
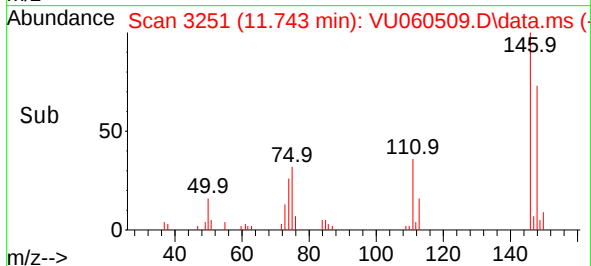
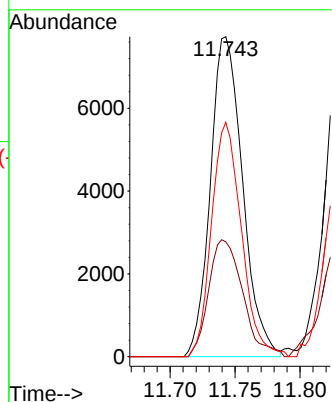
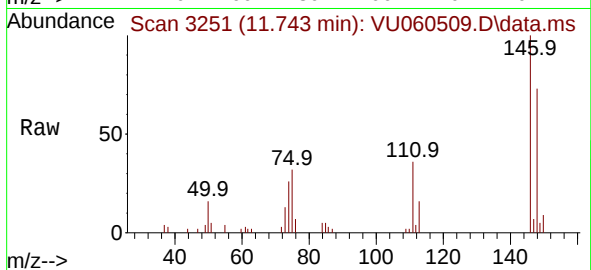
Tgt Ion:146 Resp: 13329

Ion Ratio Lower Upper

146 100

111 35.9 27.9 51.9

148 73.2 43.5 80.7



#65

1,4-Dichlorobenzene

Concen: 0.943 ug/L

RT: 11.833 min Scan# 3279

Delta R.T. 0.003 min

Lab File: VU060509.D

Acq: 23 Aug 2024 12:42

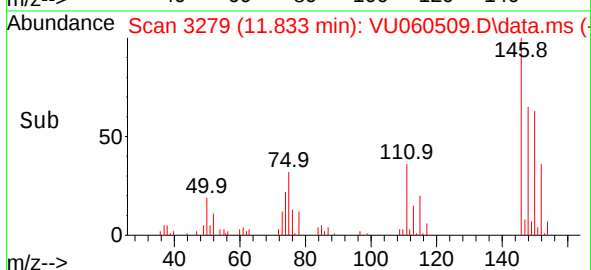
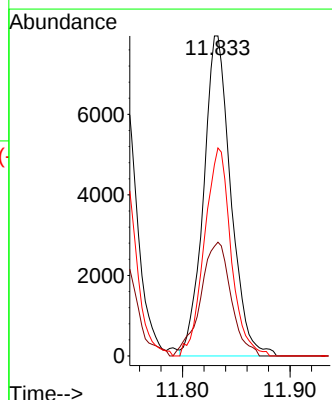
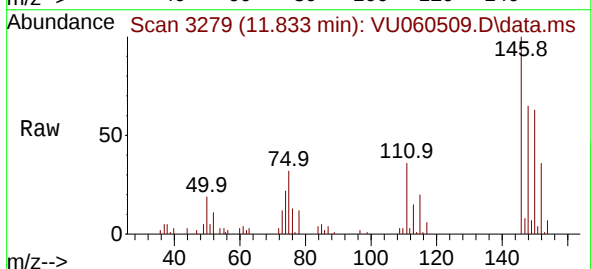
Tgt Ion:146 Resp: 14008

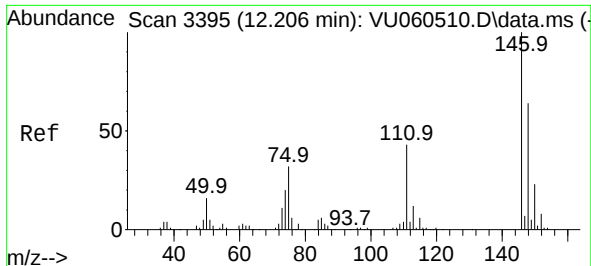
Ion Ratio Lower Upper

146 100

111 35.5 27.2 50.4

148 65.0 43.6 81.0





#67

1,2-Dichlorobenzene

Concen: 0.885 ug/L

RT: 12.209 min Scan# 3395

Delta R.T. 0.003 min

Lab File: VU060509.D

Acq: 23 Aug 2024 12:42

Instrument :

MSVOA_U

ClientSampleId :

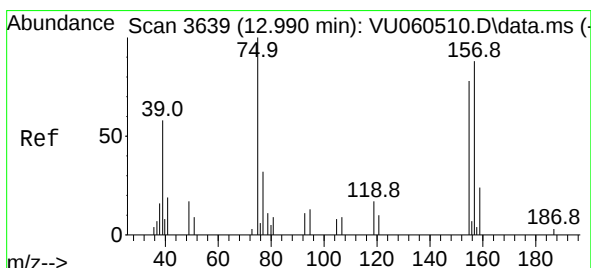
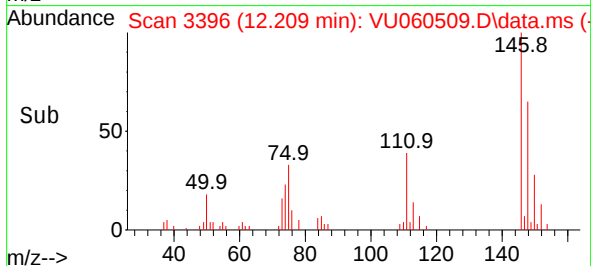
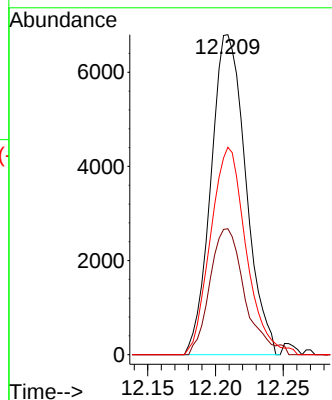
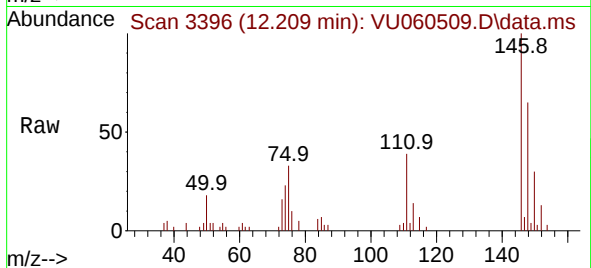
Tgt Ion:146 Resp: 12148

Ion Ratio Lower Upper

146 100

111 39.3 34.6 52.0

148 64.8 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 0.862 ug/L

RT: 12.997 min Scan# 3641

Delta R.T. 0.006 min

Lab File: VU060509.D

Acq: 23 Aug 2024 12:42

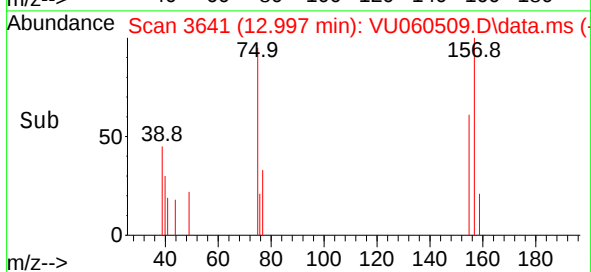
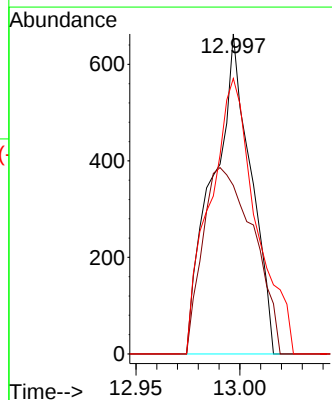
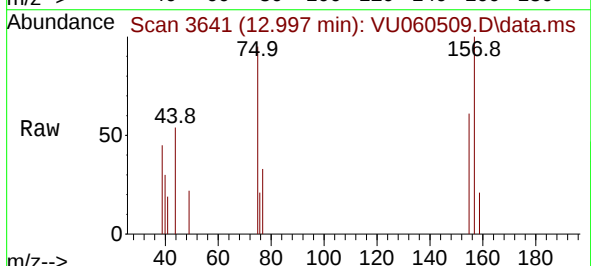
Tgt Ion: 75 Resp: 840

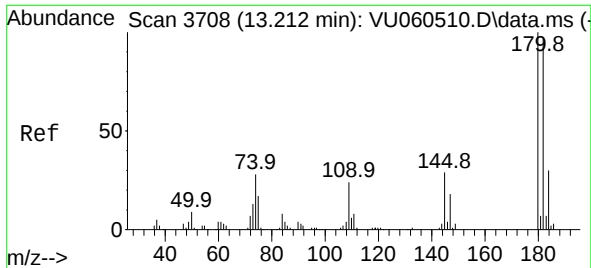
Ion Ratio Lower Upper

75 100

155 52.6 62.7 94.1#

157 86.1 70.4 105.6





#69

1,3,5-Trichlorobenzene

Concen: 0.919 ug/L

RT: 13.219 min Scan# 3708

Delta R.T. 0.006 min

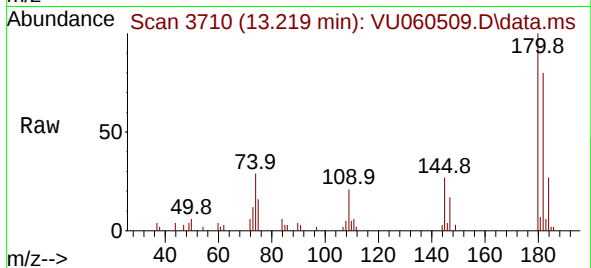
Lab File: VU060509.D

Acq: 23 Aug 2024 12:42

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 10376

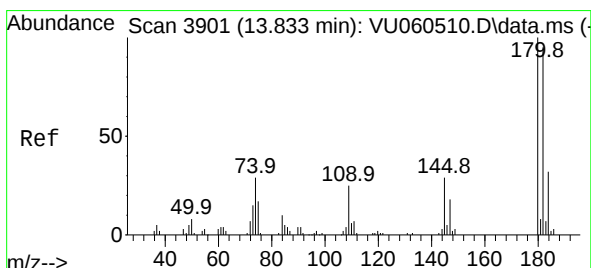
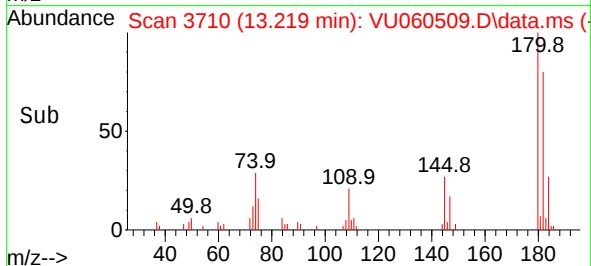
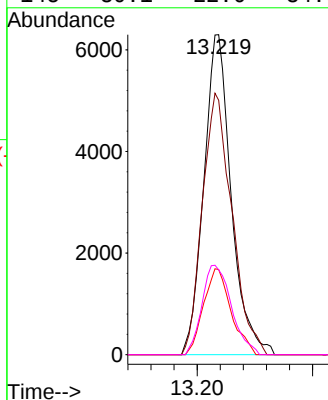
Ion Ratio Lower Upper

180 100

182 88.0 77.6 116.4

184 27.0 24.9 37.3

145 30.1 22.6 34.0



#70

1,2,4-trichlorobenzene

Concen: 0.767 ug/L

RT: 13.839 min Scan# 3903

Delta R.T. 0.006 min

Lab File: VU060509.D

Acq: 23 Aug 2024 12:42

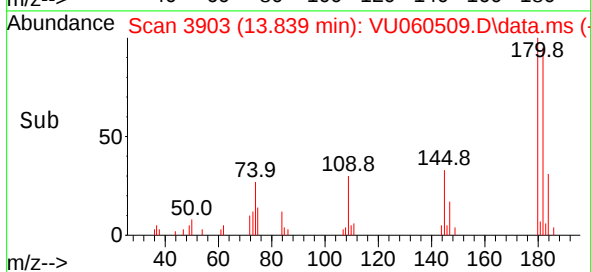
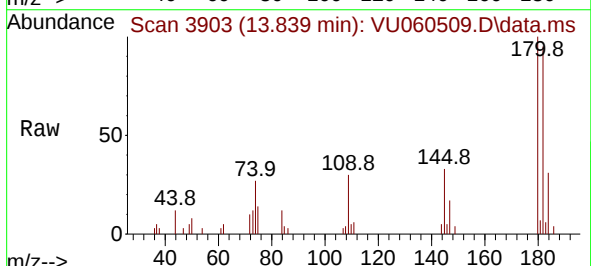
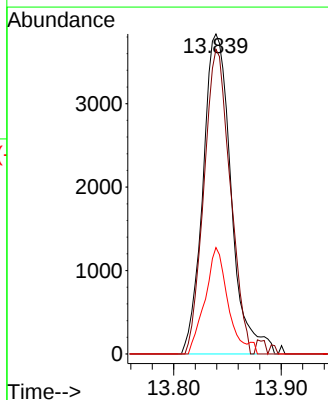
Tgt Ion:180 Resp: 6980

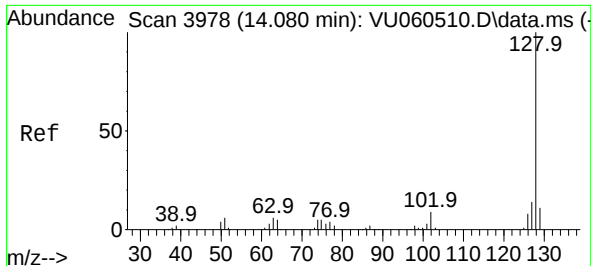
Ion Ratio Lower Upper

180 100

182 88.4 77.3 115.9

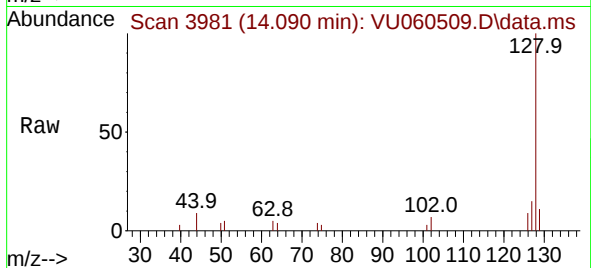
145 27.4 23.9 35.9



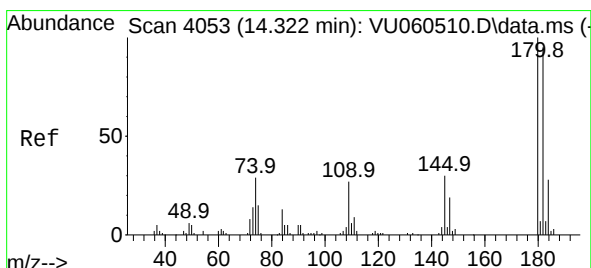
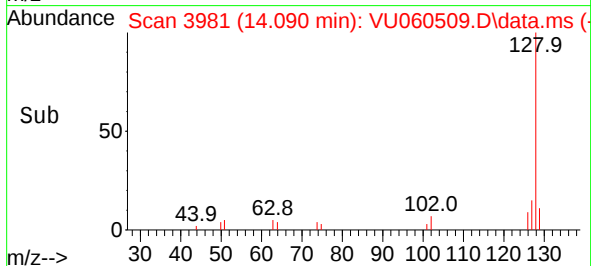
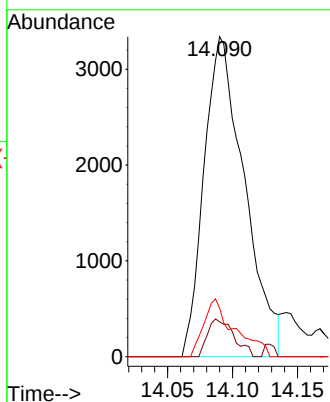


#71
Naphthalene
Concen: 0.620 ug/L
RT: 14.090 min Scan# 3981
Delta R.T. 0.010 min
Lab File: VU060509.D
Acq: 23 Aug 2024 12:42

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 7210
Ion Ratio Lower Upper
128 100
129 7.7 8.5 12.7#
127 13.9 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 0.766 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.003 min
Lab File: VU060509.D
Acq: 23 Aug 2024 12:42

Tgt Ion:180 Resp: 5838
Ion Ratio Lower Upper
180 100
182 94.8 76.0 114.0
145 27.5 24.3 36.5

