

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
 Data File : VU060010.D
 Acq On : 18 Jul 2024 11:34
 Operator : MD/SY
 Sample : VSTD001
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 19 01:03:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 19 01:02:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	126405	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	133285	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	62586	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	9486	1.075	ug/L	0.00
7) Chloroethane-d5	1.911	69	8648	1.024	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	3432	0.944	ug/L	0.00
20) 2-Butanone-d5	4.647	46	17766	9.478	ug/L	0.02
24) Chloroform-d	5.055	84	19569	1.074	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.702	65	8698	0.993	ug/L	0.00
32) Benzene-d6	5.724	84	34329	0.931	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	10628	0.932	ug/L	0.00
41) Toluene-d8	7.894	98	30687	0.897	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.181	79	3693	1.008	ug/L	0.00
46) 2-Hexanone-d5	8.634	63	12918	8.485	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	9221	0.963	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	11793	1.046	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	9684	0.916	ug/L	98
3) Chloromethane	1.518	50	12124	1.063	ug/L	99
5) Vinyl chloride	1.602	62	12815	1.006	ug/L	97
6) Bromomethane	1.856	94	8592	0.972	ug/L	96
8) Chloroethane	1.930	64	9050	1.170	ug/L	99
9) Trichlorofluoromethane	2.136	101	17012	1.091	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	11477	1.151	ug/L	96
12) 1,1-Dichloroethene	2.576	96	9916	1.088	ug/L	92
13) Acetone	2.657	43	12970	10.609	ug/L	94
14) Carbon disulfide	2.788	76	29397	0.997	ug/L	99
15) Methyl Acetate	2.965	43	3270	1.046	ug/L	91
16) Methylene chloride	3.042	84	13160	1.214	ug/L	94
17) Methyl tert-butyl Ether	3.361	73	20193	1.017	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	10017	1.064	ug/L	93
19) 1,1-Dichloroethane	3.862	63	19544	1.116	ug/L	98
21) 2-Butanone	4.721	43	16132	8.313	ug/L	94
22) cis-1,2-Dichloroethene	4.666	96	11012	1.054	ug/L	95
23) Bromochloromethane	4.972	128	5646	1.175	ug/L	94
25) Chloroform	5.084	83	21245	1.145	ug/L	96
27) 1,2-Dichloroethane	5.792	62	12646	1.149	ug/L #	94
29) 1,1,1-Trichloroethane	5.309	97	17260	1.100	ug/L	98
30) Cyclohexane	5.383	56	11805	0.880	ug/L	98
31) Carbon tetrachloride	5.521	117	14716	1.115	ug/L	96
33) Benzene	5.772	78	43396	1.054	ug/L	100
34) Trichloroethene	6.541	95	11862	1.073	ug/L	96
35) Methylcyclohexane	6.759	83	13073	0.838	ug/L	94
37) 1,2-Dichloropropane	6.785	63	11799	1.108	ug/L #	93
38) Bromodichloromethane	7.100	83	15099	1.134	ug/L	98
39) cis-1,3-Dichloropropene	7.605	75	13908	0.960	ug/L	95
40) 4-Methyl-2-pentanone	7.788	43	43967	8.936	ug/L	97
42) Toluene	7.965	91	43413	0.994	ug/L	94
44) trans-1,3-Dichloropropene	8.209	75	11825	1.011	ug/L	100

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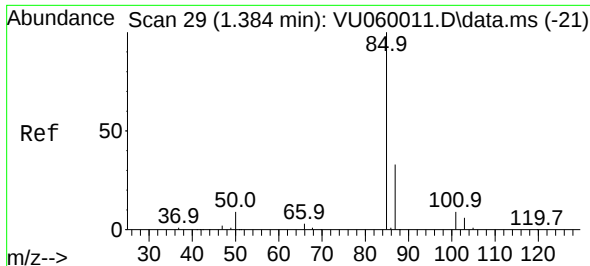
Instrument :
 MSVOA_U
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Quant Time: Jul 19 01:03:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.399	97	8707	1.099	ug/L	97
47) Tetrachloroethene	8.550	164	9609	1.097	ug/L	87
48) 2-Hexanone	8.685	43	29132	8.296	ug/L	96
49) Dibromochloromethane	8.807	129	9945	1.123	ug/L	86
50) 1,2-Dibromoethane	8.920	107	7849	1.073	ug/L #	94
51) Chlorobenzene	9.444	112	29790	1.075	ug/L	98
52) Ethylbenzene	9.566	91	41278	0.927	ug/L	97
53) m,p-Xylene	9.692	106	14992	0.876	ug/L	99
54) o-Xylene	10.097	106	13912	0.853	ug/L	92
55) Styrene	10.113	104	23419	0.845	ug/L	92
57) 1,1,2,2-Tetrachloroethane	10.775	83	10508	1.088	ug/L	86
59) Bromoform	10.290	173	5587	1.141	ug/L #	95
60) Isopropylbenzene	10.479	105	36569	0.938	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	6612	1.130	ug/L	94
62) 1,3,5-Trimethylbenzene	11.084	105	26163	0.855	ug/L	95
63) 1,2,4-Trimethylbenzene	11.463	105	24421	0.834	ug/L	98
64) 1,3-Dichlorobenzene	11.743	146	21845	1.085	ug/L	92
65) 1,4-Dichlorobenzene	11.836	146	23610	1.151	ug/L	94
67) 1,2-Dichlorobenzene	12.209	146	21195	1.122	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	1207	1.049	ug/L	94
69) 1,3,5-Trichlorobenzene	13.219	180	16427	1.098	ug/L	95
70) 1,2,4-trichlorobenzene	13.839	180	11879	1.040	ug/L	96
71) Naphthalene	14.090	128	13010	0.802	ug/L	97
72) 1,2,3-Trichlorobenzene	14.328	180	10008	0.946	ug/L	96

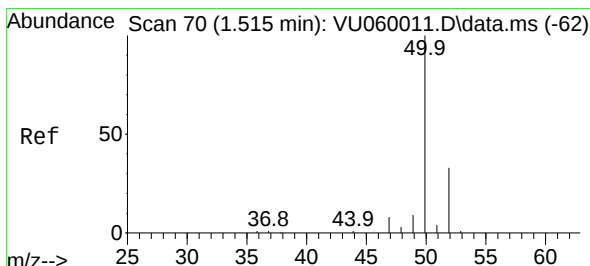
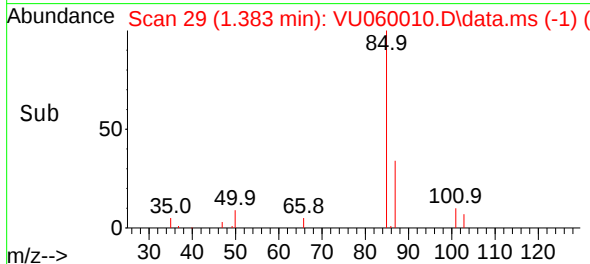
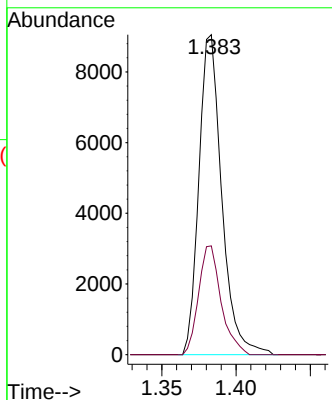
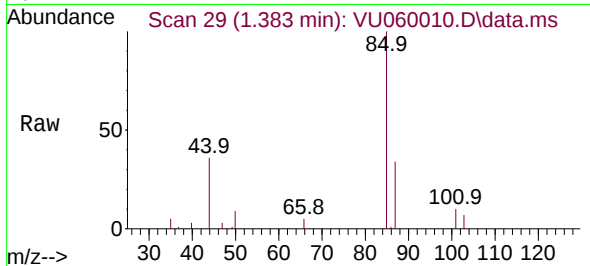
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 0.916 ug/L
RT: 1.383 min Scan# 20
Delta R.T. -0.000 min
Lab File: VU060010.D
Acq: 18 Jul 2024 11:34

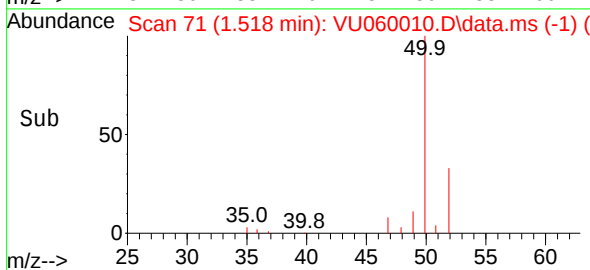
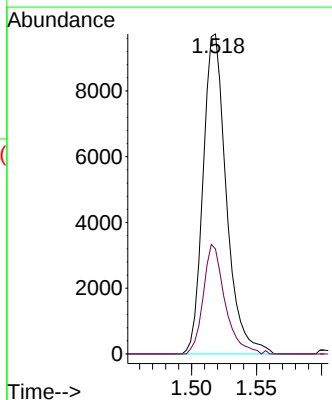
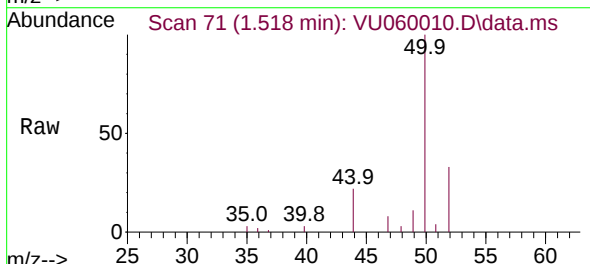
Instrument :
MSVOA_U
ClientSampleId :

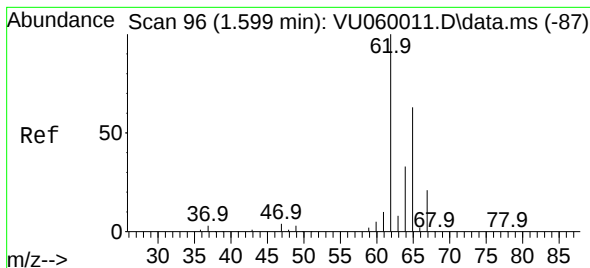
Tgt Ion: 85 Resp: 9684
Ion Ratio Lower Upper
85 100
87 33.5 26.1 39.1



#3
Chloromethane
Concen: 1.063 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU060010.D
Acq: 18 Jul 2024 11:34

Tgt Ion: 50 Resp: 12124
Ion Ratio Lower Upper
50 100
52 32.8 23.4 43.4





#5

Vinyl chloride

Concen: 1.006 ug/L

RT: 1.602 min Scan# 9

Delta R.T. 0.003 min

Lab File: VU060010.D

Acq: 18 Jul 2024 11:34

Instrument :

MSVOA_U

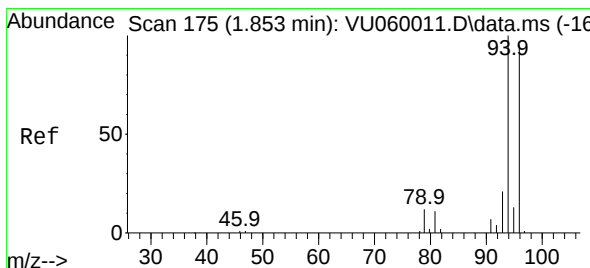
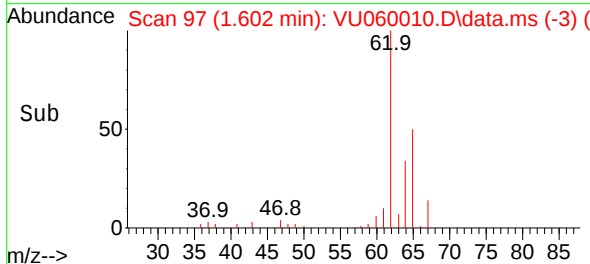
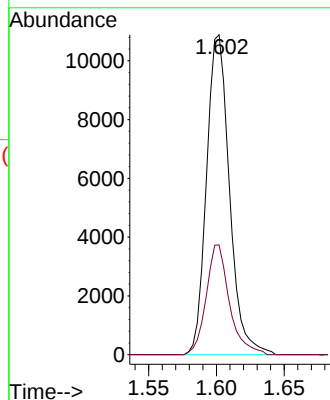
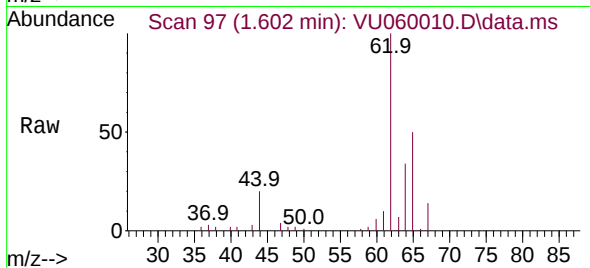
ClientSampleId :

Tgt Ion: 62 Resp: 12815

Ion Ratio Lower Upper

62 100

64 34.3 22.8 42.4



#6

Bromomethane

Concen: 0.972 ug/L

RT: 1.856 min Scan# 176

Delta R.T. 0.003 min

Lab File: VU060010.D

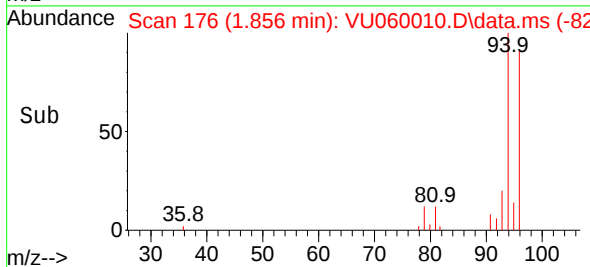
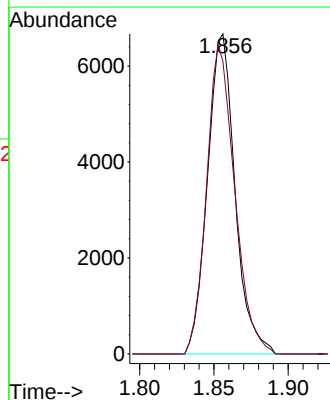
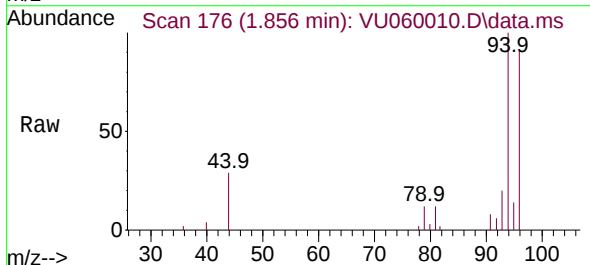
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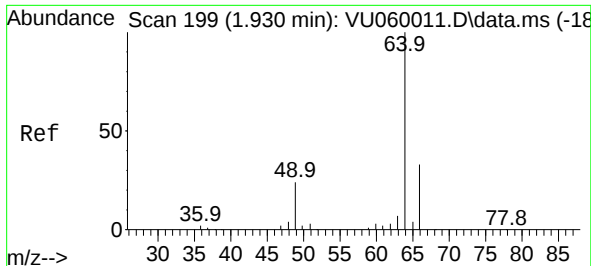
Tgt Ion: 94 Resp: 8592

Ion Ratio Lower Upper

94 100

96 91.4 66.6 123.6

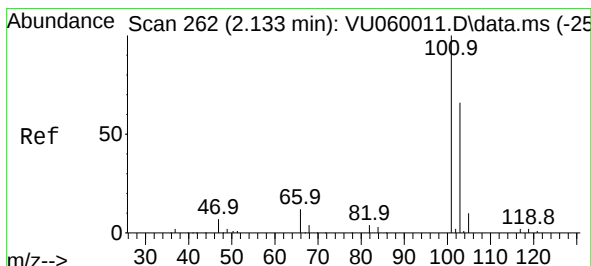
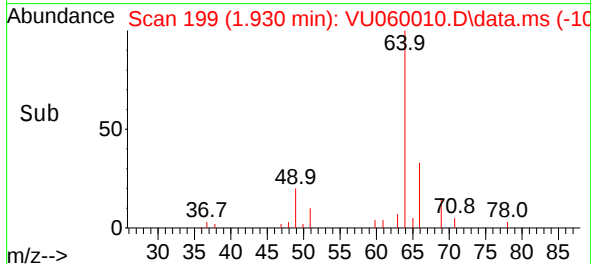
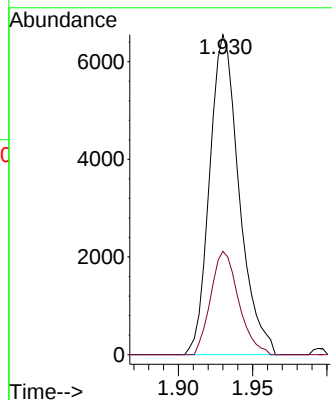
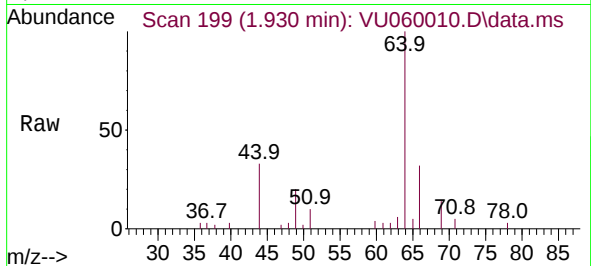




#8
Chloroethane
Concen: 1.170 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU060010.D
Acq: 18 Jul 2024 11:34

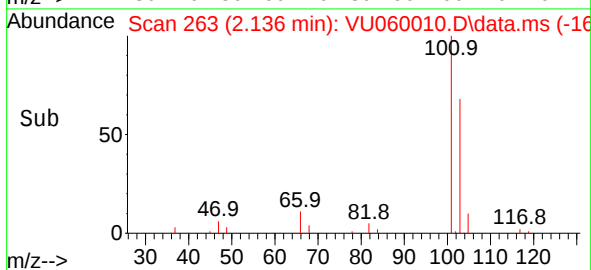
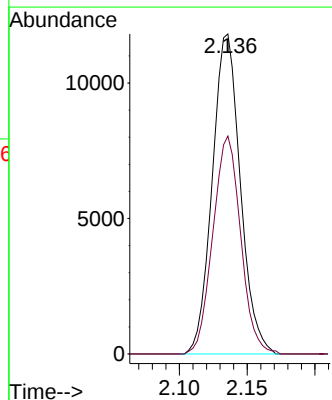
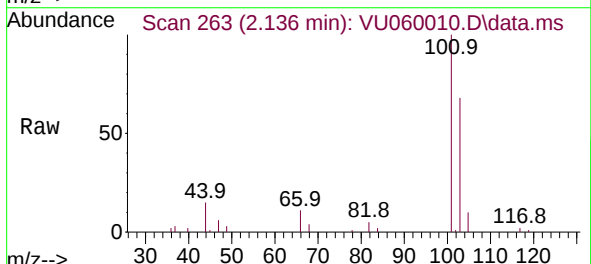
Instrument :
MSVOA_U
ClientSampleId :

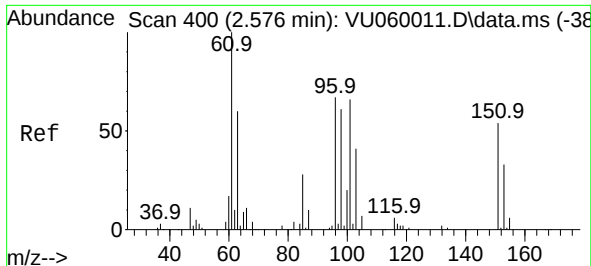
Tgt Ion: 64 Resp: 9050
Ion Ratio Lower Upper
64 100
66 32.3 22.8 42.4



#9
Trichlorofluoromethane
Concen: 1.091 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.003 min
Lab File: VU060010.D
Acq: 18 Jul 2024 11:34

Tgt Ion:101 Resp: 17012
Ion Ratio Lower Upper
101 100
103 67.4 51.4 77.2

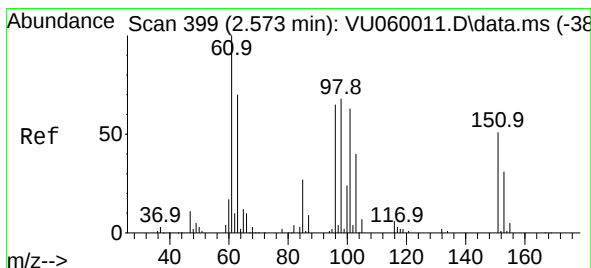
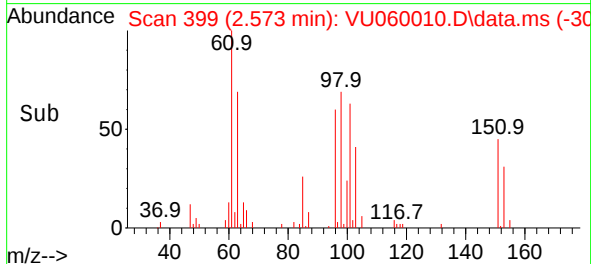
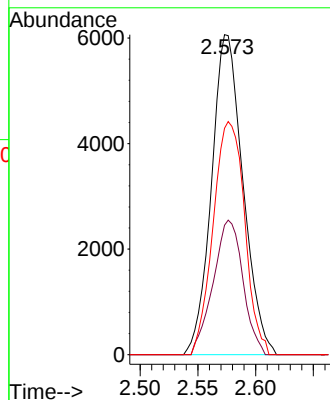
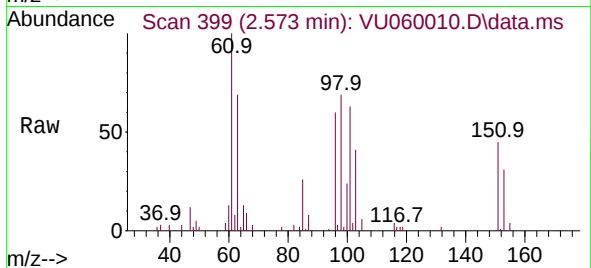




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.151 ug/L
RT: 2.573 min Scan# 30
Delta R.T. -0.003 min
Lab File: VU060010.D
Acq: 18 Jul 2024 11:34

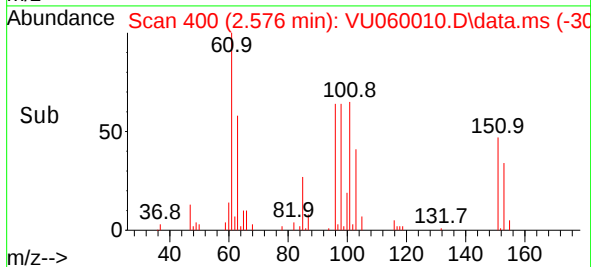
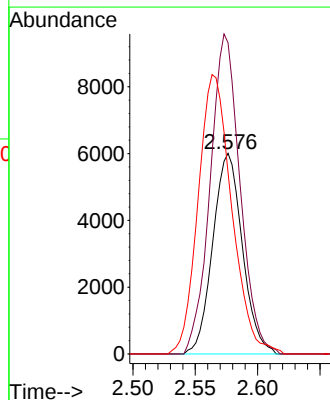
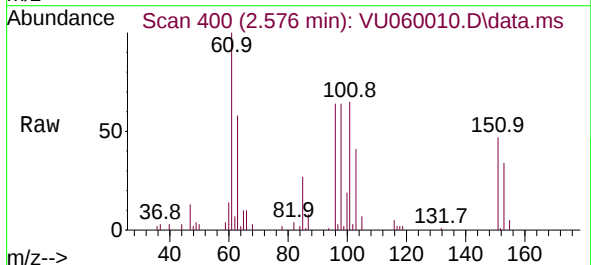
Instrument :
MSVOA_U
ClientSampleId :

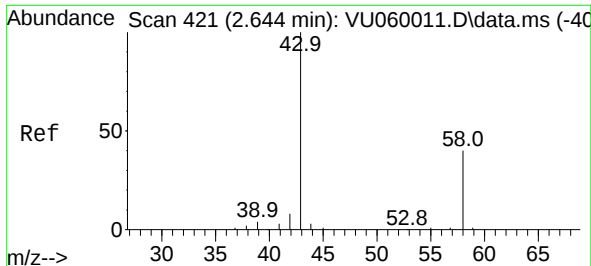
Tgt Ion:101 Resp: 11477
Ion Ratio Lower Upper
101 100
85 39.8 33.2 49.8
151 72.8 61.8 92.8



#12
1,1-Dichloroethene
Concen: 1.088 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU060010.D
Acq: 18 Jul 2024 11:34

Tgt Ion: 96 Resp: 9916
Ion Ratio Lower Upper
96 100
61 155.1 107.0 198.6
63 90.5 76.4 142.0





#13

Acetone

Concen: 10.609 ug/L

RT: 2.657 min Scan# 41

Delta R.T. 0.013 min

Lab File: VU060010.D

Acq: 18 Jul 2024 11:34

Instrument :

MSVOA_U

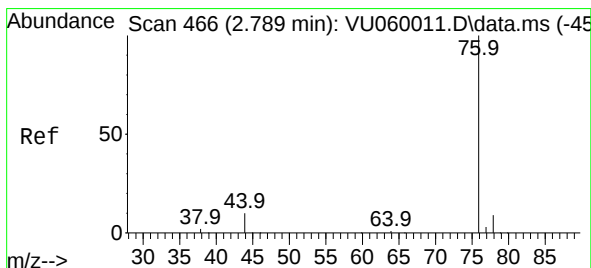
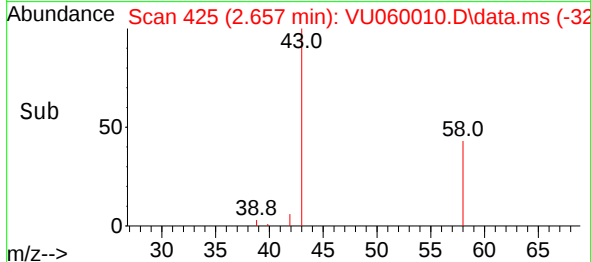
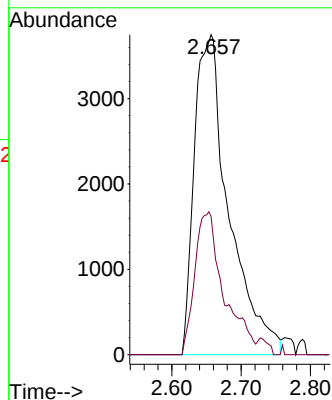
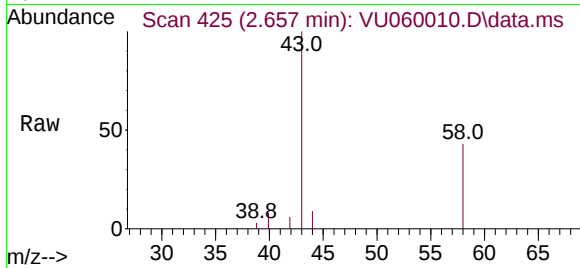
ClientSampleId :

Tgt Ion: 43 Resp: 12970

Ion Ratio Lower Upper

43 100

58 37.6 0.0 82.2



#14

Carbon disulfide

Concen: 0.997 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU060010.D

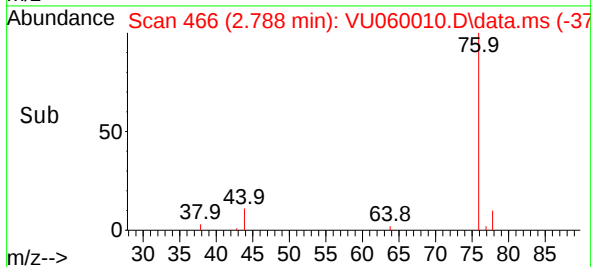
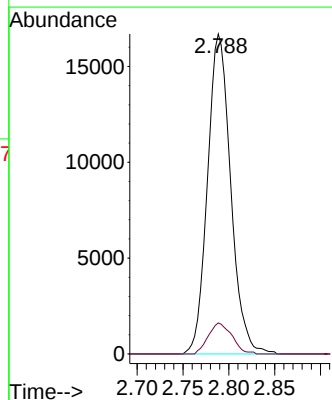
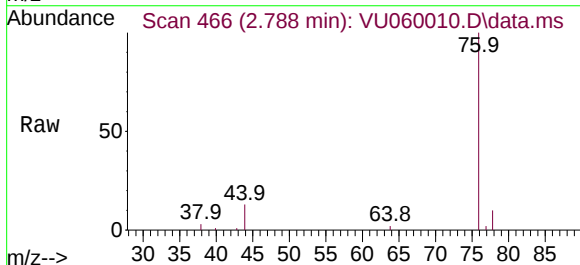
Acq: 18 Jul 2024 11:34

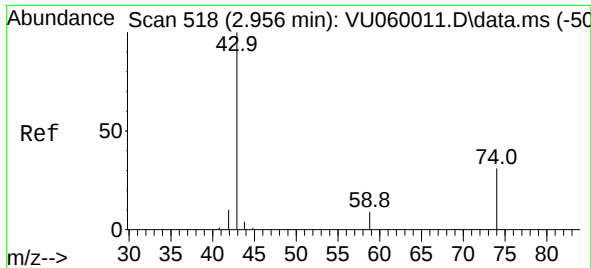
Tgt Ion: 76 Resp: 29397

Ion Ratio Lower Upper

76 100

78 9.7 7.4 11.0





#15

Methyl Acetate

Concen: 1.046 ug/L

RT: 2.965 min Scan# 51

Delta R.T. 0.009 min

Lab File: VU060010.D

Acq: 18 Jul 2024 11:34

Instrument :

MSVOA_U

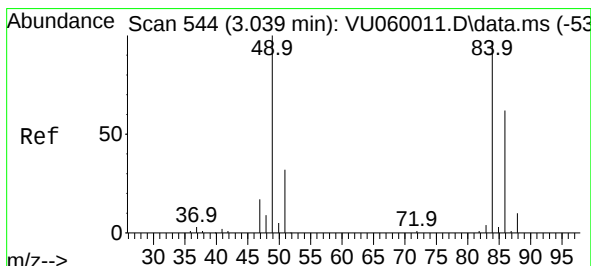
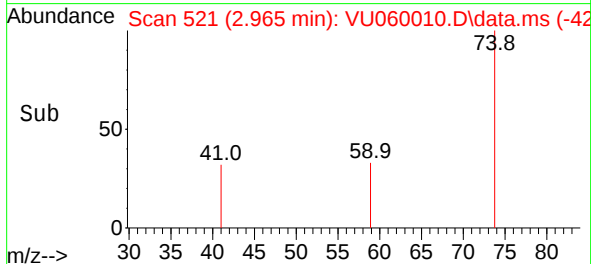
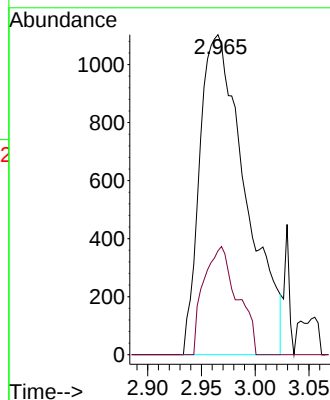
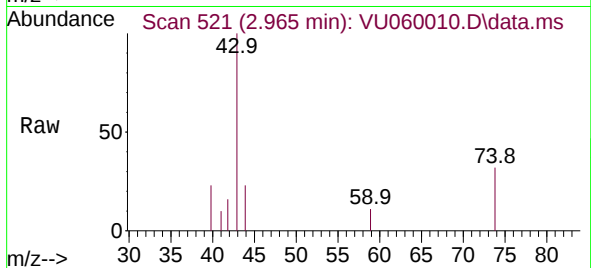
ClientSampleId :

Tgt Ion: 43 Resp: 3270

Ion Ratio Lower Upper

43 100

74 24.7 23.5 35.3



#16

Methylene chloride

Concen: 1.214 ug/L

RT: 3.042 min Scan# 545

Delta R.T. 0.003 min

Lab File: VU060010.D

Acq: 18 Jul 2024 11:34

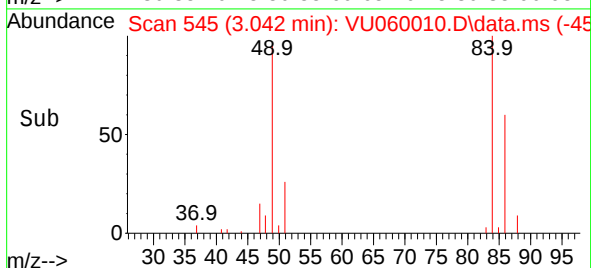
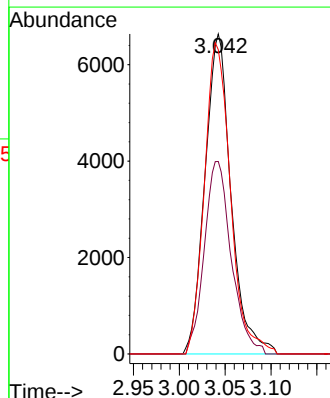
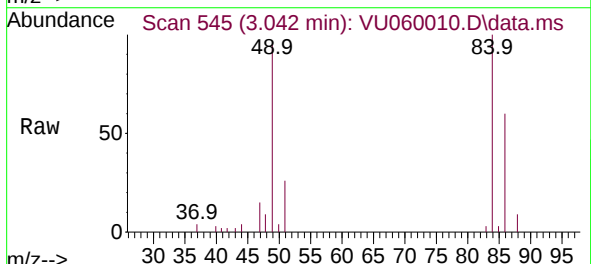
Tgt Ion: 84 Resp: 13160

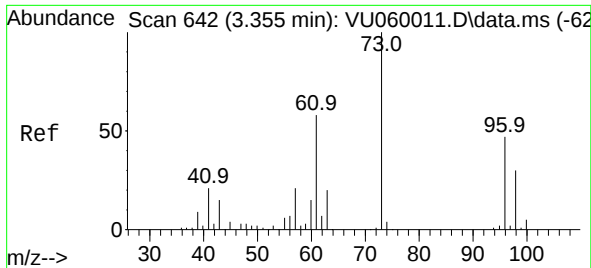
Ion Ratio Lower Upper

84 100

86 60.2 44.4 82.5

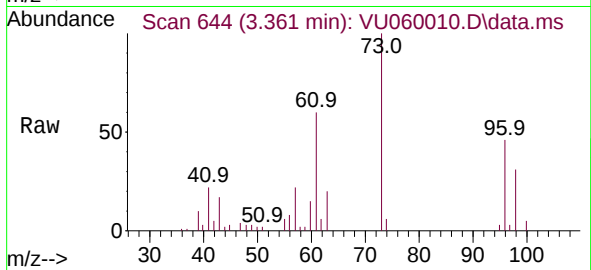
49 95.1 72.0 133.6



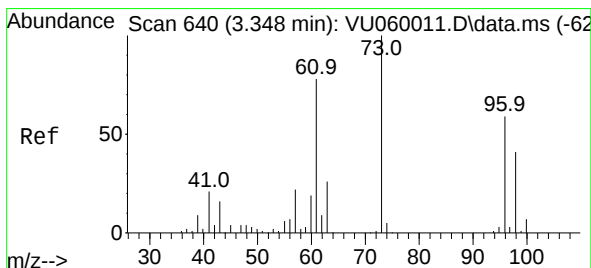
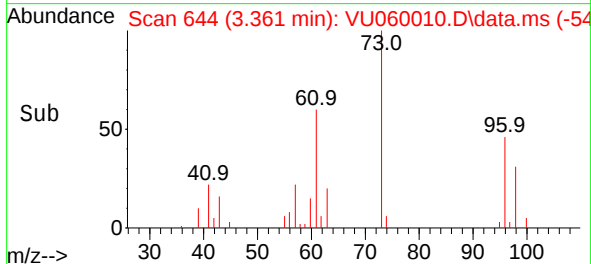
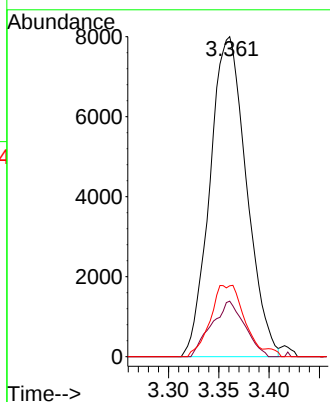


#17
Methyl tert-butyl Ether
Concen: 1.017 ug/L
RT: 3.361 min Scan# 641
Delta R.T. 0.006 min
Lab File: VU060010.D
Acq: 18 Jul 2024 11:34

Instrument :
MSVOA_U
ClientSampleId :

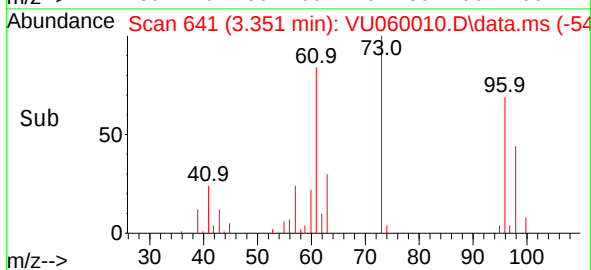
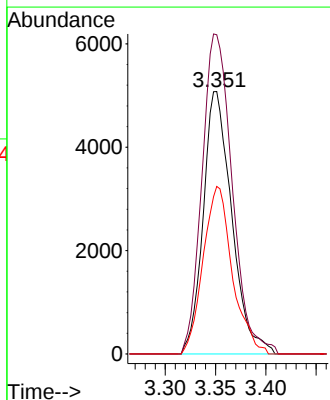
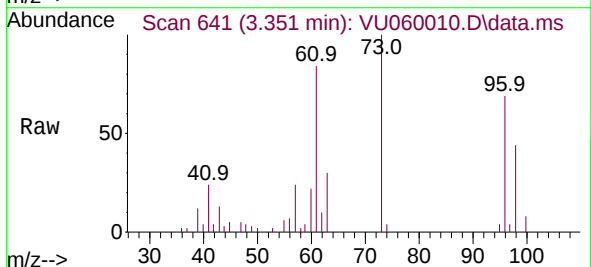


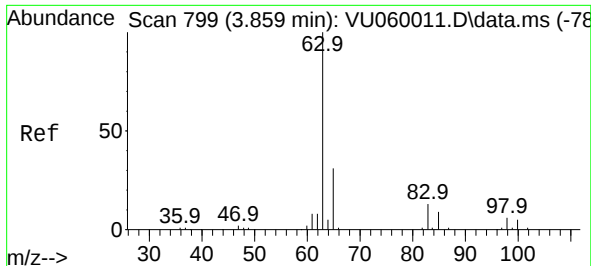
Tgt Ion: 73 Resp: 20193
Ion Ratio Lower Upper
73 100
43 15.7 13.1 19.7
57 21.3 17.0 25.4



#18
trans-1,2-Dichloroethene
Concen: 1.064 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU060010.D
Acq: 18 Jul 2024 11:34

Tgt Ion: 96 Resp: 10017
Ion Ratio Lower Upper
96 100
61 121.6 91.6 170.0
98 63.9 47.7 88.5

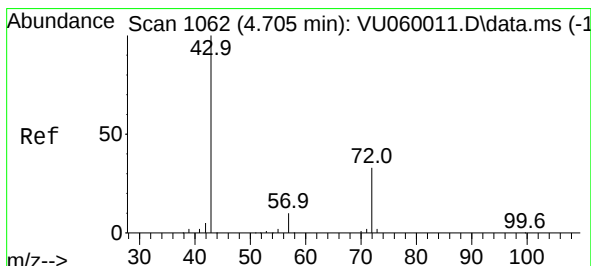
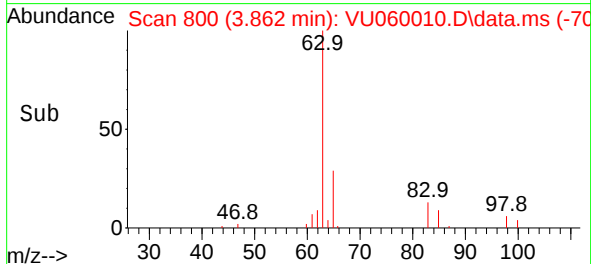
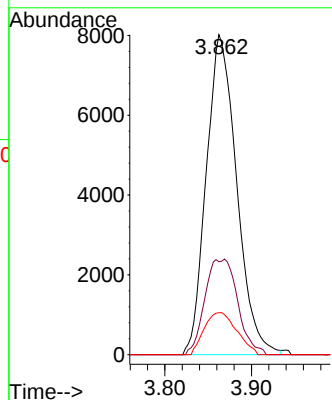
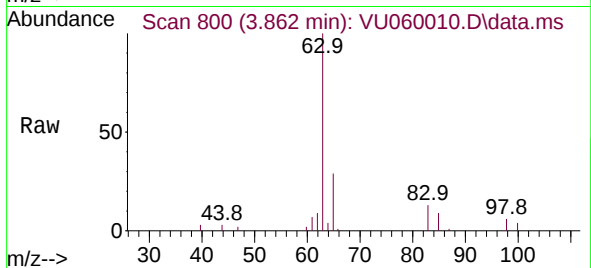




#19
1,1-Dichloroethane
Concen: 1.116 ug/L
RT: 3.862 min Scan# 80
Delta R.T. 0.003 min
Lab File: VU060010.D
Acq: 18 Jul 2024 11:34

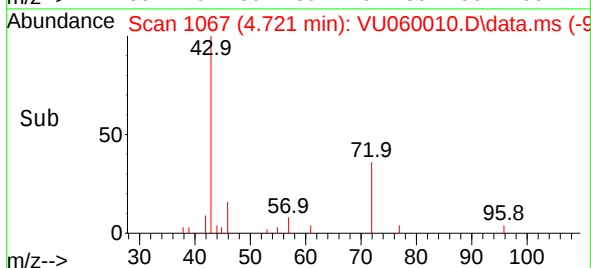
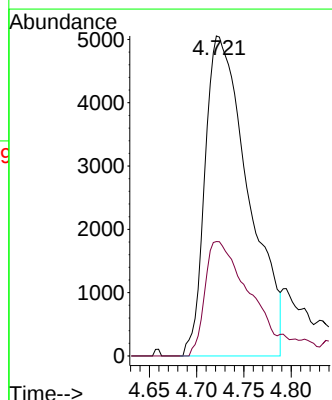
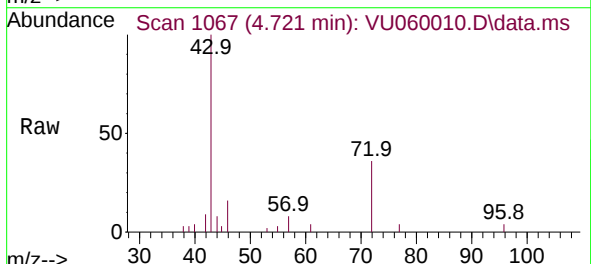
Instrument :
MSVOA_U
ClientSampleId :

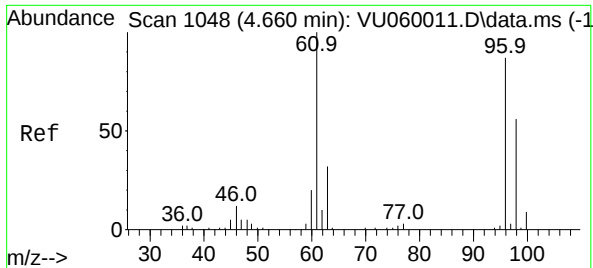
Tgt Ion: 63 Resp: 19544
Ion Ratio Lower Upper
63 100
65 30.4 22.0 40.8
83 13.1 9.7 17.9



#21
2-Butanone
Concen: 8.313 ug/L
RT: 4.721 min Scan# 1067
Delta R.T. 0.016 min
Lab File: VU060010.D
Acq: 18 Jul 2024 11:34

Tgt Ion: 43 Resp: 16132
Ion Ratio Lower Upper
43 100
72 35.7 16.3 48.9





#22

cis-1,2-Dichloroethene

Concen: 1.054 ug/L

RT: 4.666 min Scan# 11012

Delta R.T. 0.006 min

Lab File: VU060010.D

Acq: 18 Jul 2024 11:34

Instrument :

MSVOA_U

ClientSampleId :

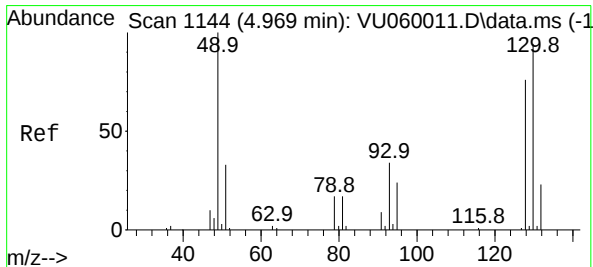
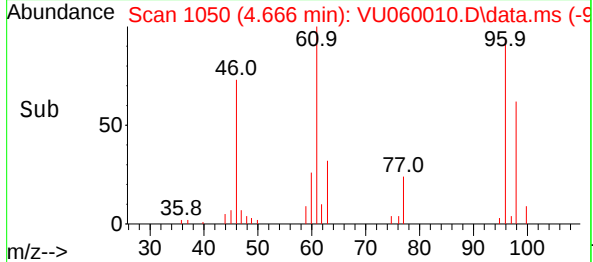
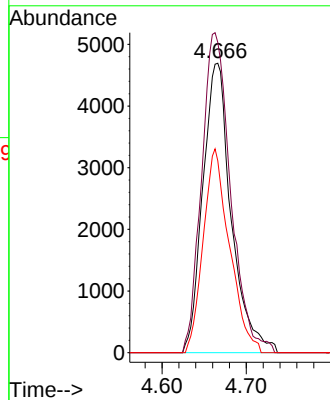
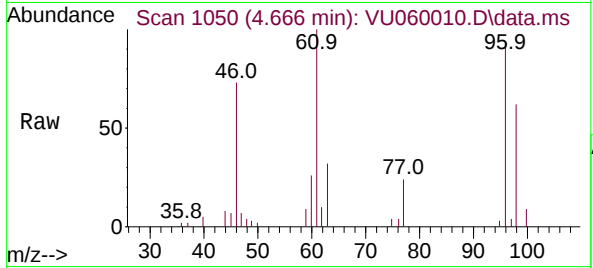
Tgt Ion: 96 Resp: 11012

Ion Ratio Lower Upper

96 100

61 107.2 80.2 148.9

98 66.3 44.7 83.1



#23

Bromochloromethane

Concen: 1.175 ug/L

RT: 4.972 min Scan# 1145

Delta R.T. 0.003 min

Lab File: VU060010.D

Acq: 18 Jul 2024 11:34

Tgt Ion: 128 Resp: 5646

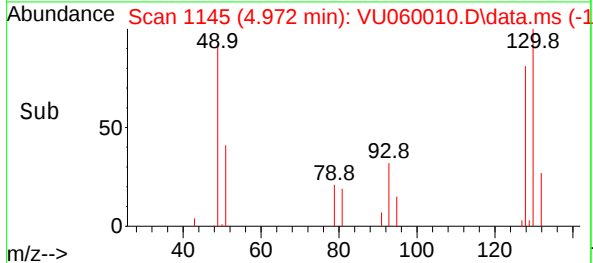
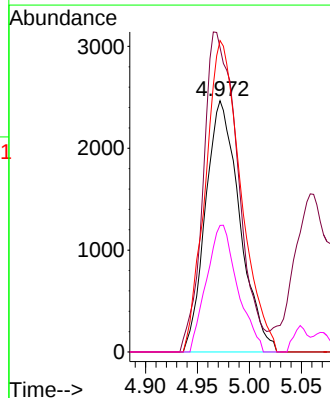
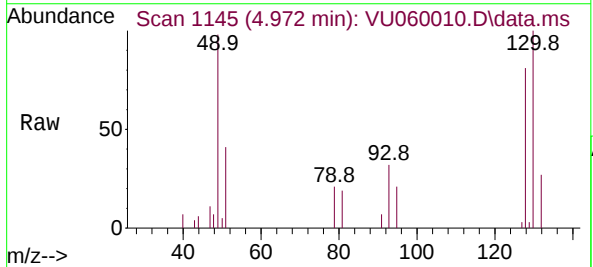
Ion Ratio Lower Upper

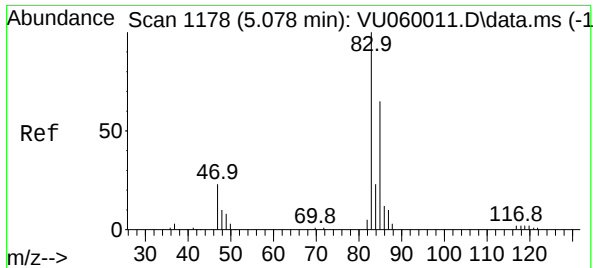
128 100

49 121.2 92.3 171.3

130 124.0 87.1 161.7

51 50.4 35.1 52.7





#25

Chloroform

Concen: 1.145 ug/L

RT: 5.084 min Scan# 1178

Delta R.T. 0.006 min

Lab File: VU060010.D

Acq: 18 Jul 2024 11:34

Instrument :

MSVOA_U

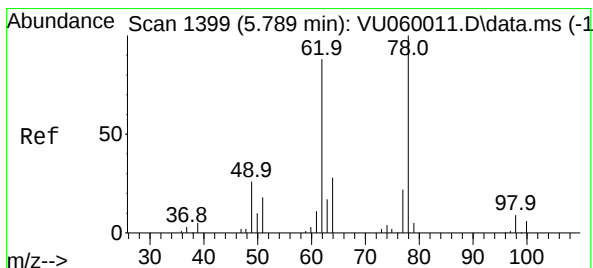
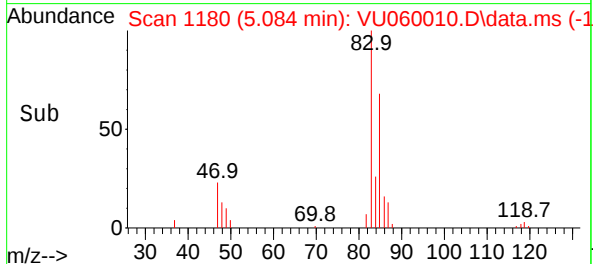
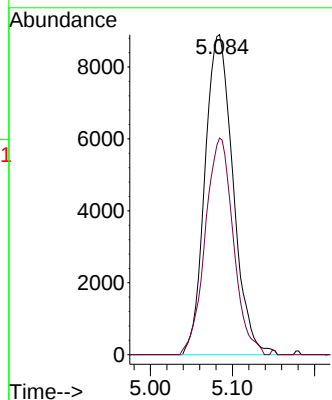
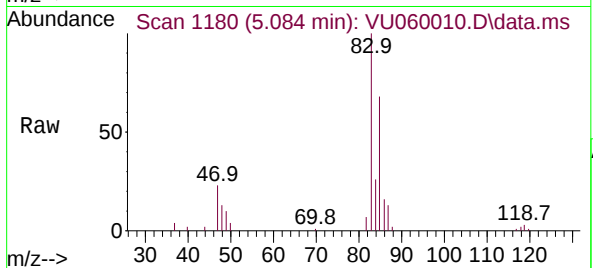
ClientSampleId :

Tgt Ion: 83 Resp: 21245

Ion Ratio Lower Upper

83 100

85 67.7 45.4 84.2



#27

1,2-Dichloroethane

Concen: 1.149 ug/L

RT: 5.792 min Scan# 1400

Delta R.T. 0.003 min

Lab File: VU060010.D

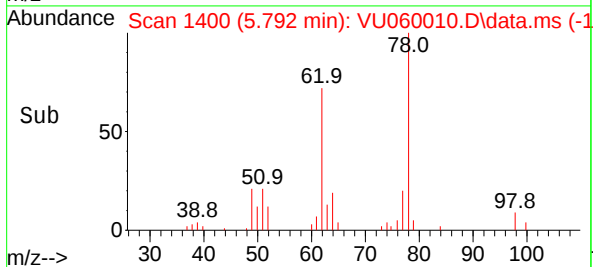
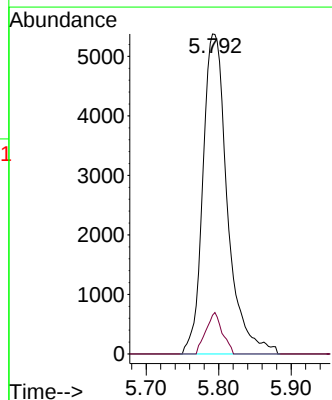
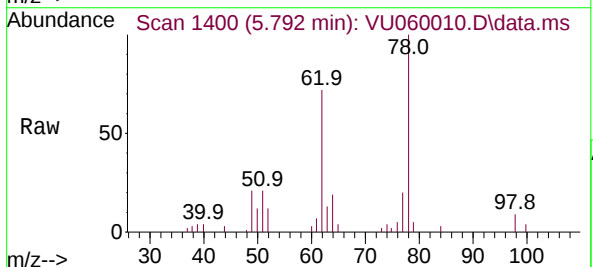
Acq: 18 Jul 2024 11:34

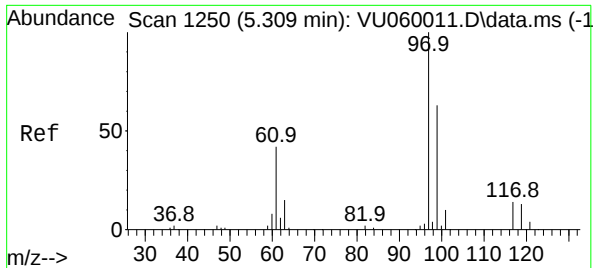
Tgt Ion: 62 Resp: 12646

Ion Ratio Lower Upper

62 100

98 12.1 7.9 11.9#

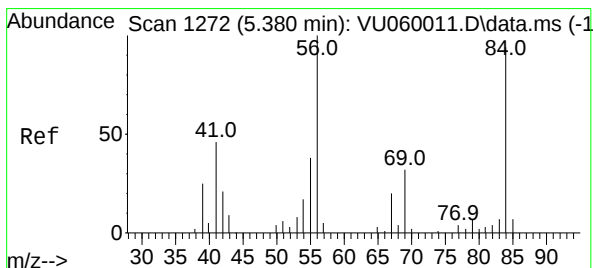
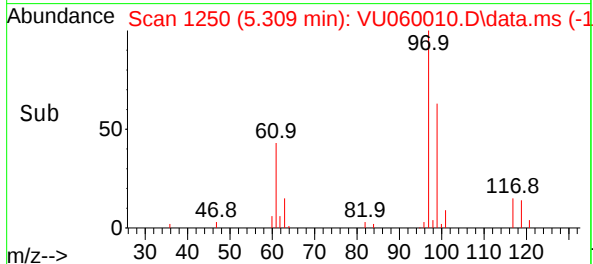
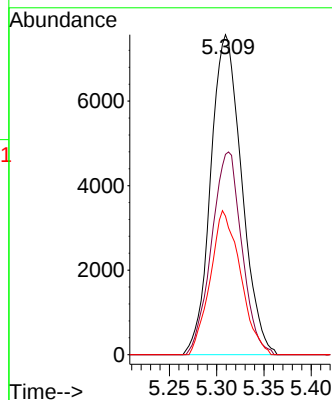
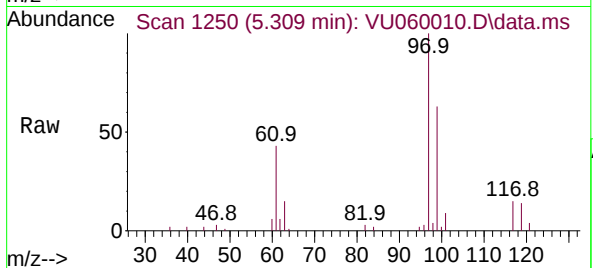




#29
1,1,1-Trichloroethane
Concen: 1.100 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. -0.000 min
Lab File: VU060010.D
Acq: 18 Jul 2024 11:34

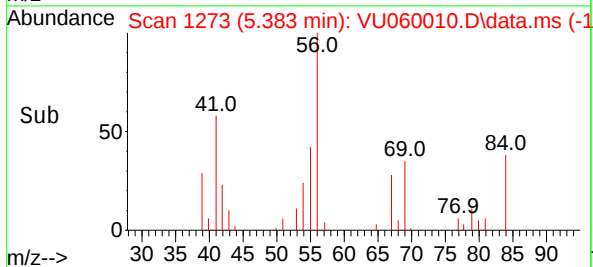
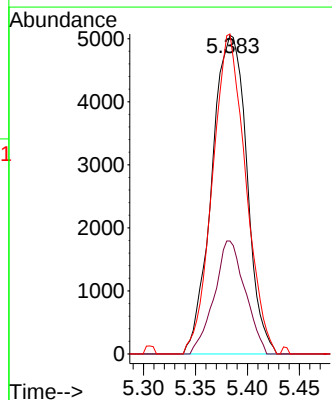
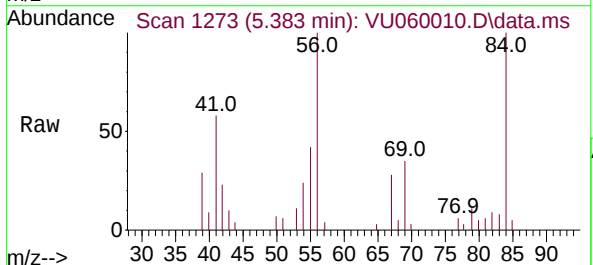
Instrument :
MSVOA_U
ClientSampleId :

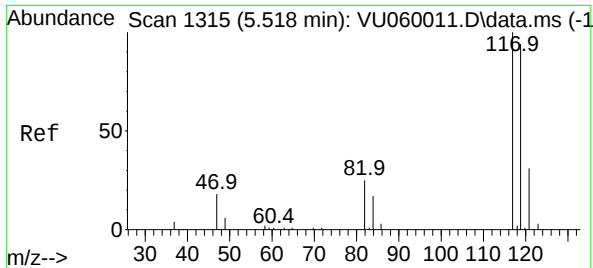
Tgt Ion: 97	Resp: 17260
Ion Ratio	Lower Upper
97 100	
99 61.9	51.0 76.4
61 44.0	34.1 51.1



#30
Cyclohexane
Concen: 0.880 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VU060010.D
Acq: 18 Jul 2024 11:34

Tgt Ion: 56	Resp: 11805
Ion Ratio	Lower Upper
56 100	
69 31.4	26.6 39.8
84 95.2	77.2 115.8

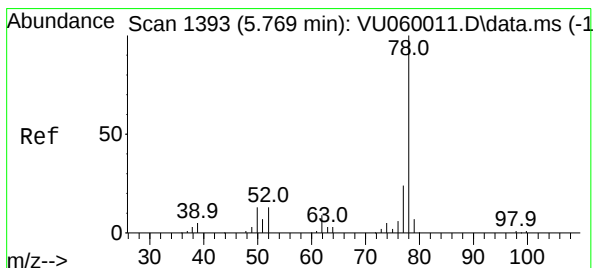
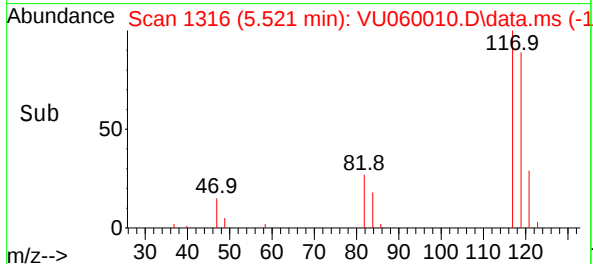
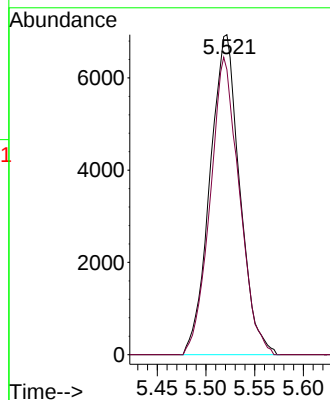
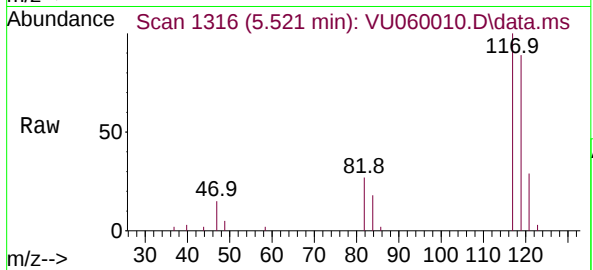




#31
Carbon tetrachloride
Concen: 1.115 ug/L
RT: 5.521 min Scan# 1315
Delta R.T. 0.003 min
Lab File: VU060010.D
Acq: 18 Jul 2024 11:34

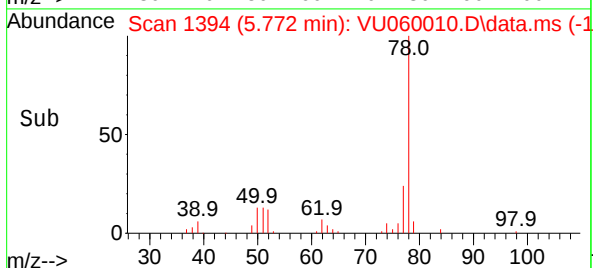
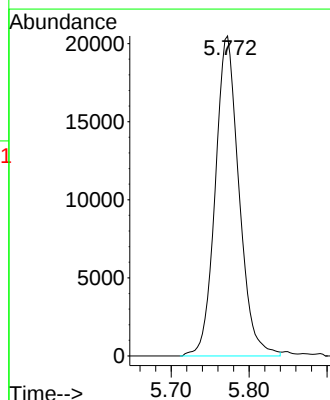
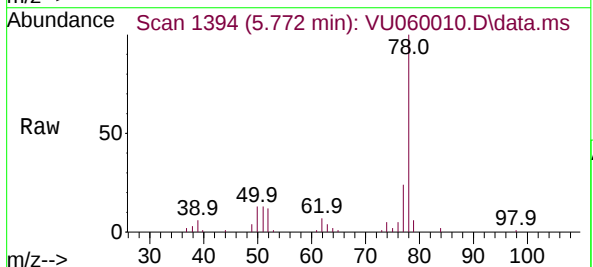
Instrument :
MSVOA_U
ClientSampleId :

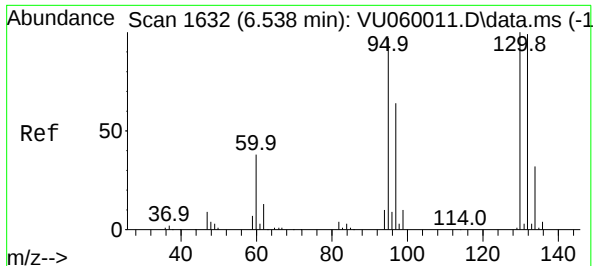
Tgt Ion:117 Resp: 14716
Ion Ratio Lower Upper
117 100
119 91.1 75.6 113.4



#33
Benzene
Concen: 1.054 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.003 min
Lab File: VU060010.D
Acq: 18 Jul 2024 11:34

Tgt Ion: 78 Resp: 43396

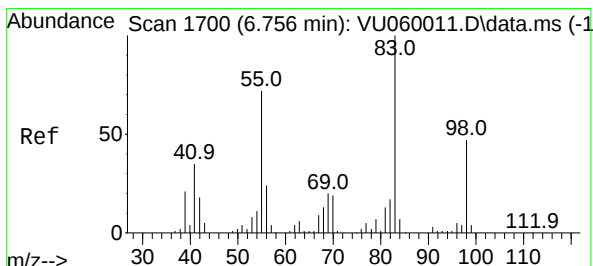
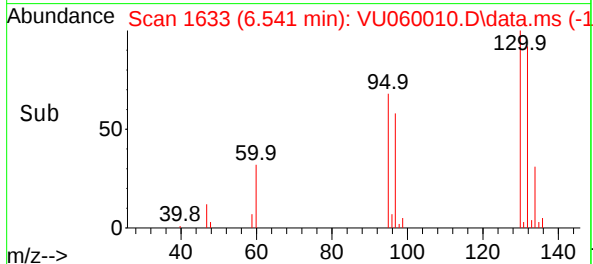
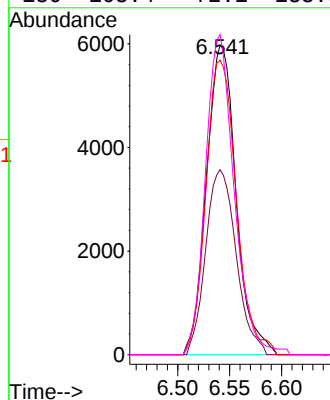
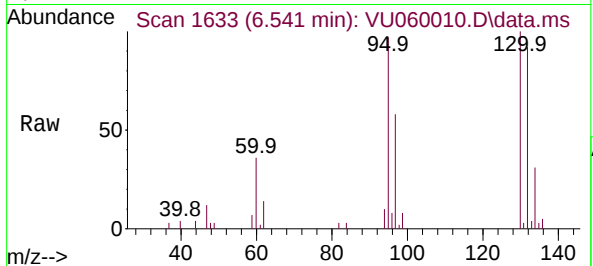




#34
Trichloroethene
Concen: 1.073 ug/L
RT: 6.541 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU060010.D
Acq: 18 Jul 2024 11:34

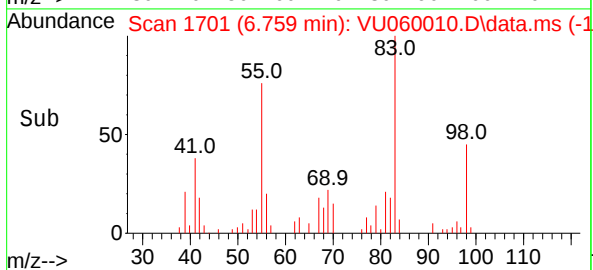
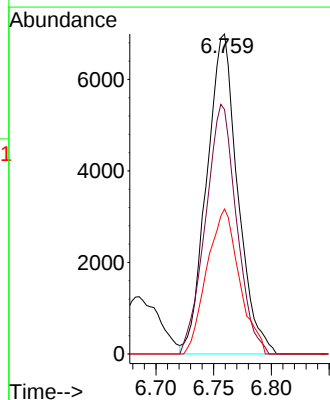
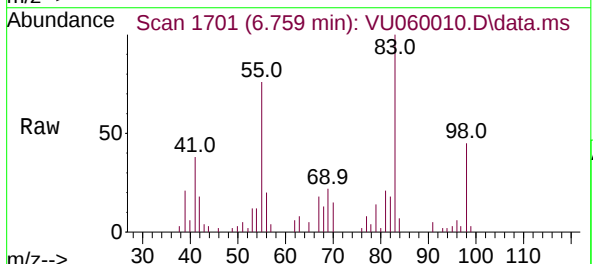
Instrument :
MSVOA_U
ClientSampleId :

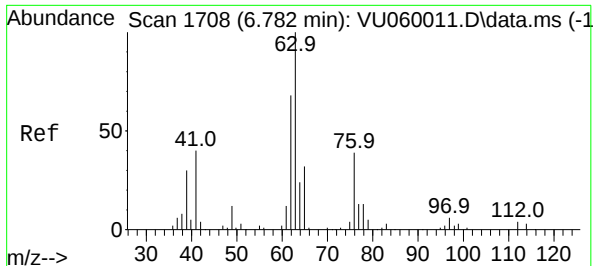
Tgt Ion: 95 Resp: 11862
Ion Ratio Lower Upper
95 100
97 59.7 45.9 85.3
132 95.1 71.4 132.6
130 103.4 72.1 133.9



#35
Methylcyclohexane
Concen: 0.838 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. 0.003 min
Lab File: VU060010.D
Acq: 18 Jul 2024 11:34

Tgt Ion: 83 Resp: 13073
Ion Ratio Lower Upper
83 100
55 78.1 56.7 85.1
98 47.3 36.6 55.0

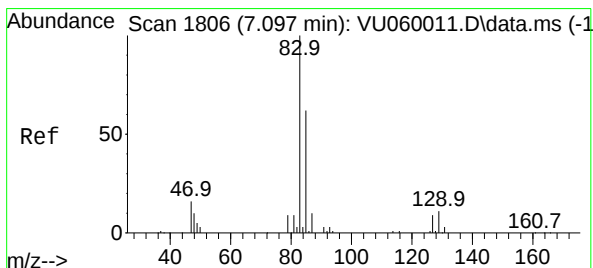
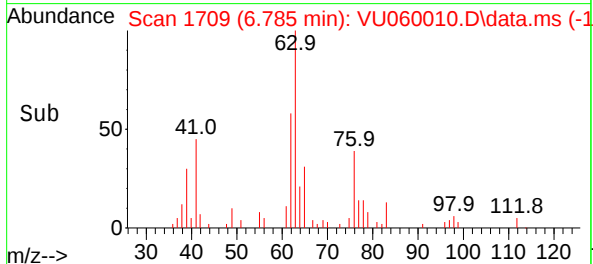
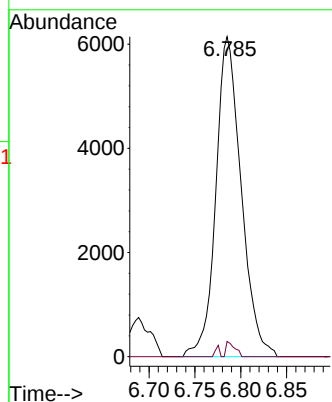
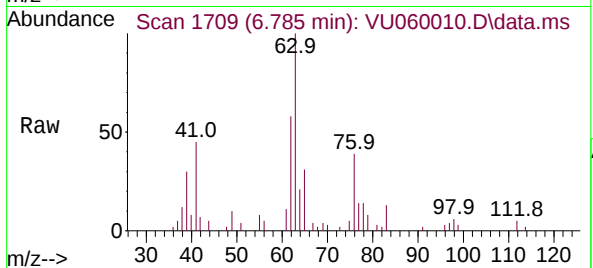




#37
1,2-Dichloropropane
Concen: 1.108 ug/L
RT: 6.785 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU060010.D
Acq: 18 Jul 2024 11:34

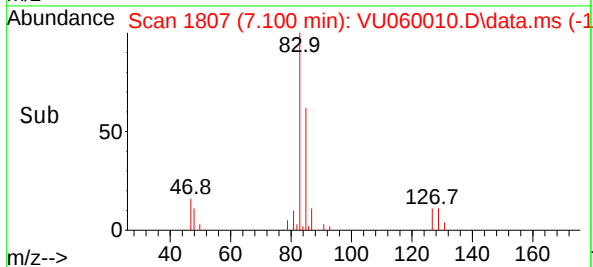
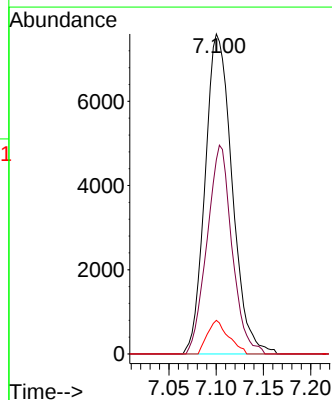
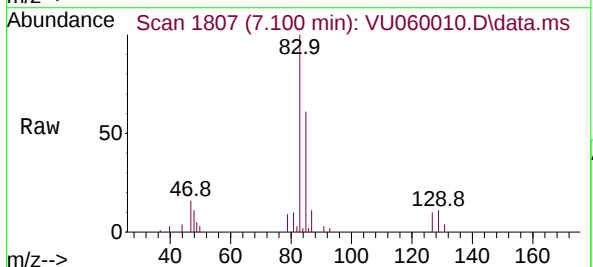
Instrument :
MSVOA_U
ClientSampleId :

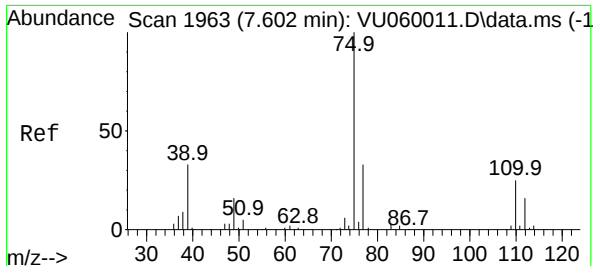
Tgt Ion: 63 Resp: 11799
Ion Ratio Lower Upper
63 100
112 1.6 3.3 4.9#



#38
Bromodichloromethane
Concen: 1.134 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VU060010.D
Acq: 18 Jul 2024 11:34

Tgt Ion: 83 Resp: 15099
Ion Ratio Lower Upper
83 100
85 60.7 43.5 80.7
127 10.5 7.1 10.7

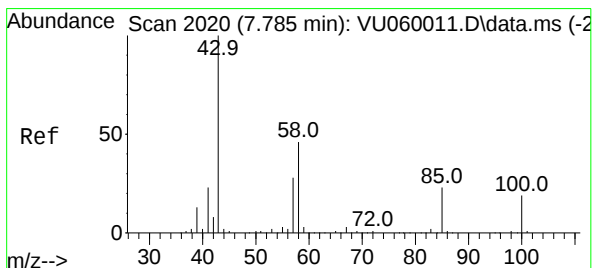
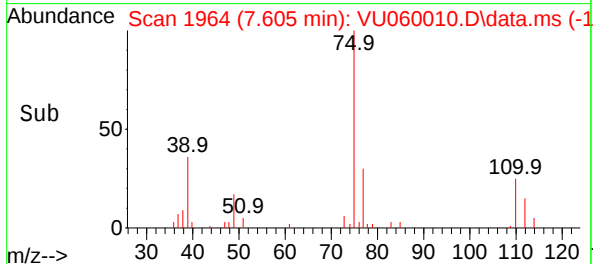
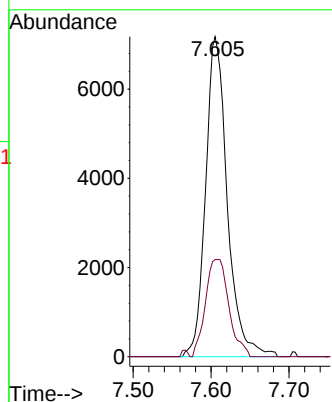
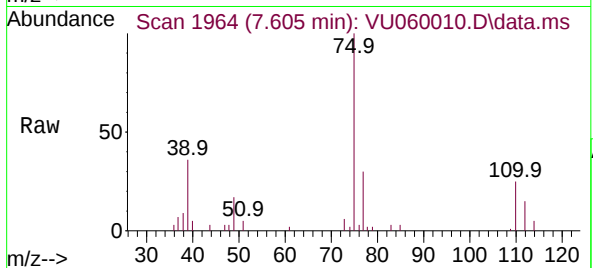




#39
cis-1,3-Dichloropropene
Concen: 0.960 ug/L
RT: 7.605 min Scan# 1964
Delta R.T. 0.003 min
Lab File: VU060010.D
Acq: 18 Jul 2024 11:34

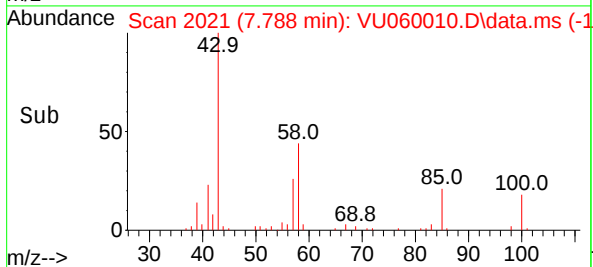
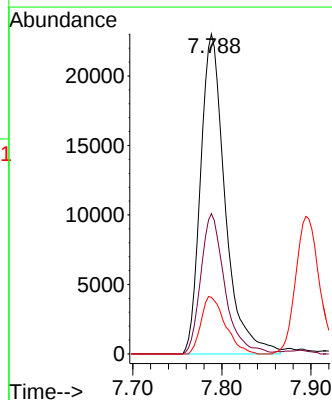
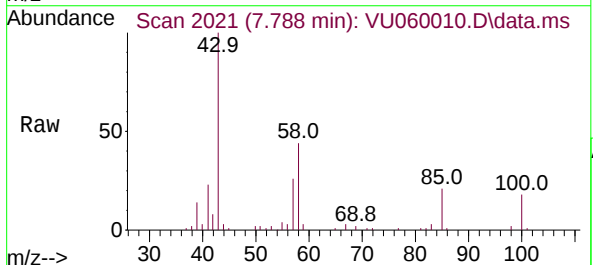
Instrument :
MSVOA_U
ClientSampleId :

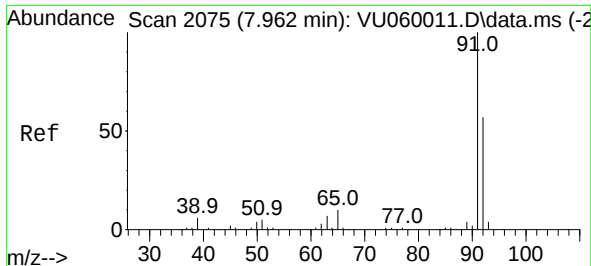
Tgt Ion: 75 Resp: 13908
Ion Ratio Lower Upper
75 100
77 30.4 23.2 43.2



#40
4-Methyl-2-pentanone
Concen: 8.936 ug/L
RT: 7.788 min Scan# 2021
Delta R.T. 0.003 min
Lab File: VU060010.D
Acq: 18 Jul 2024 11:34

Tgt Ion: 43 Resp: 43967
Ion Ratio Lower Upper
43 100
58 43.0 36.0 54.0
100 17.7 14.9 22.3





#42

Toluene

Concen: 0.994 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU060010.D

Acq: 18 Jul 2024 11:34

Instrument :

MSVOA_U

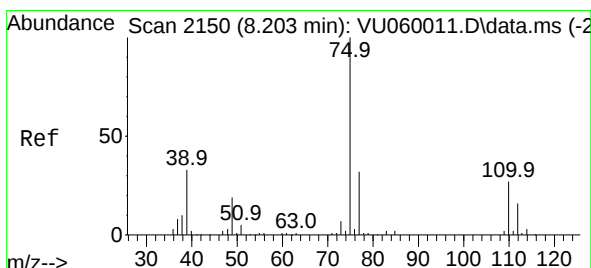
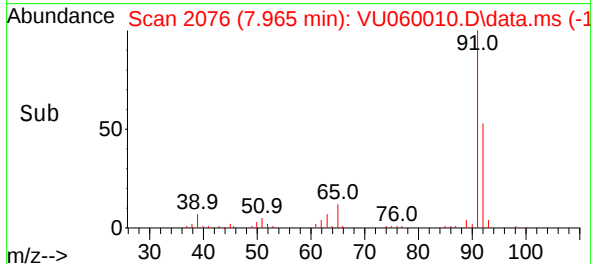
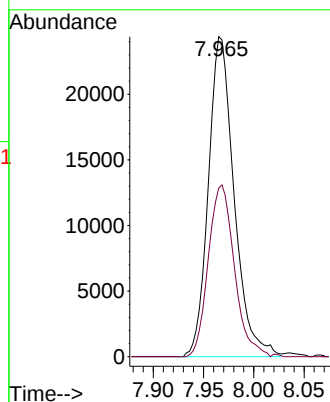
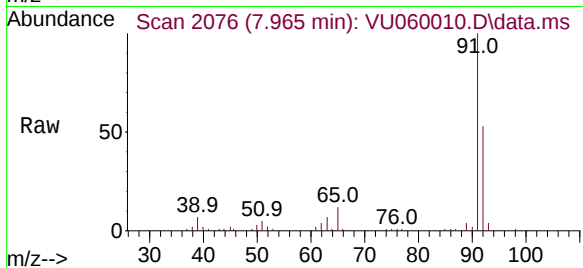
ClientSampleId :

Tgt Ion: 91 Resp: 43413

Ion Ratio Lower Upper

91 100

92 52.7 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 1.011 ug/L

RT: 8.209 min Scan# 2152

Delta R.T. 0.006 min

Lab File: VU060010.D

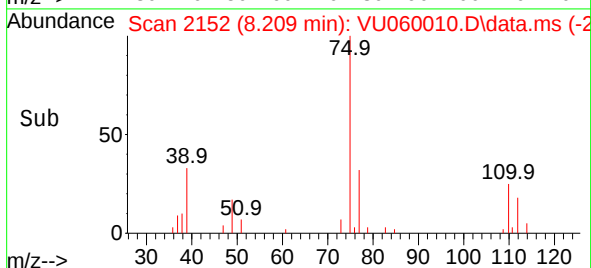
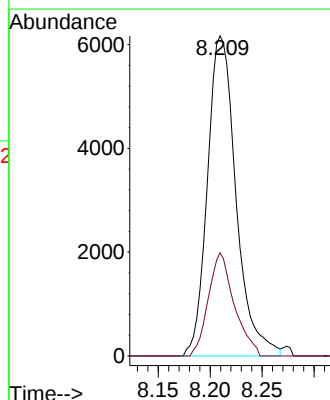
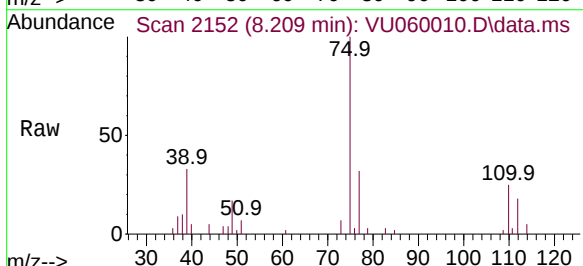
Acq: 18 Jul 2024 11:34

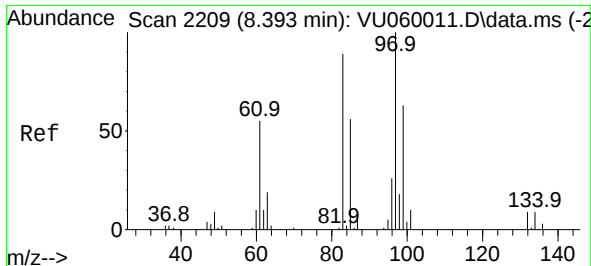
Tgt Ion: 75 Resp: 11825

Ion Ratio Lower Upper

75 100

77 32.2 22.6 42.0

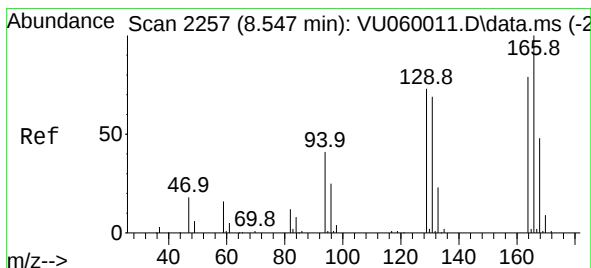
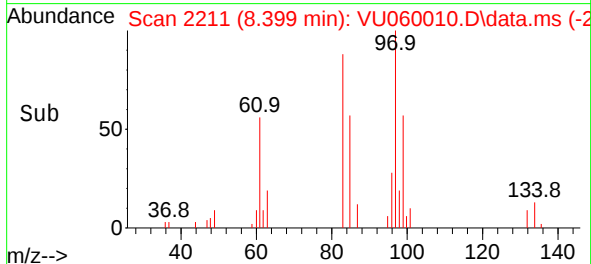
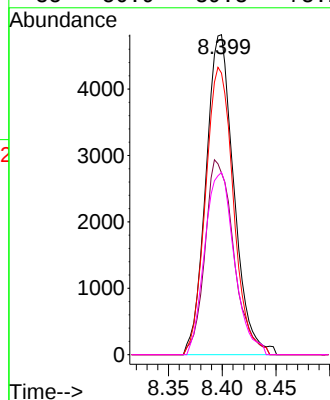
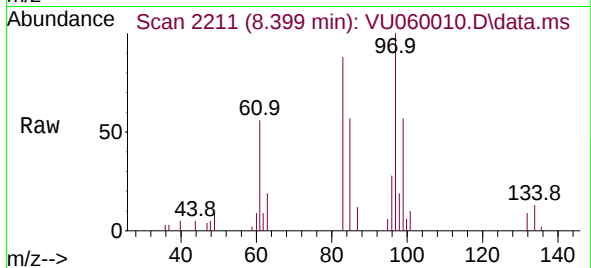




#45
1,1,2-Trichloroethane
Concen: 1.099 ug/L
RT: 8.399 min Scan# 211
Delta R.T. 0.006 min
Lab File: VU060010.D
Acq: 18 Jul 2024 11:34

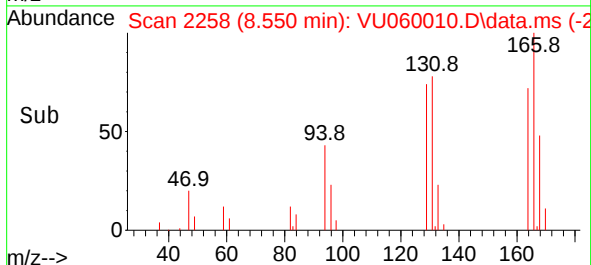
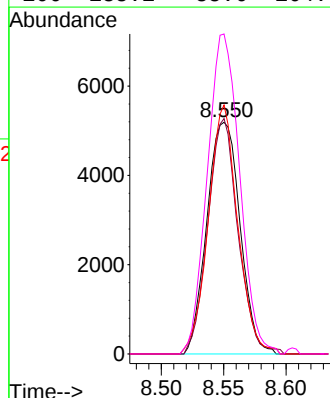
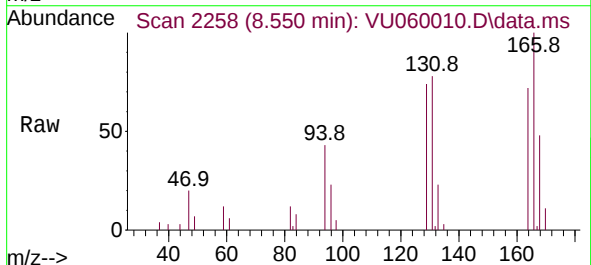
Instrument :
MSVOA_U
ClientSampleId :

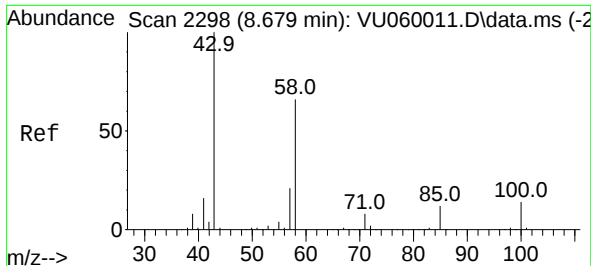
Tgt Ion	97	Resp: Lower	8707 Upper
	97	100	
	99	56.8	43.8 81.4
	83	88.0	62.1 115.3
	85	56.9	39.3 73.1



#47
Tetrachloroethene
Concen: 1.097 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU060010.D
Acq: 18 Jul 2024 11:34

Tgt	Ion:164	Resp:	9609
Ion	Ratio	Lower	Upper
164	100		
129	101.6	64.6	120.0
131	107.4	61.2	113.8
166	138.1	88.6	164.6





#48

2-Hexanone

Concen: 8.296 ug/L

RT: 8.685 min Scan# 2300

Delta R.T. 0.006 min

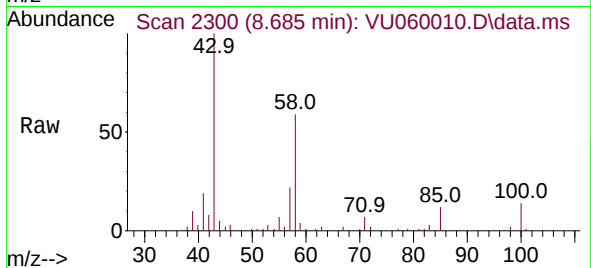
Lab File: VU060010.D

Acq: 18 Jul 2024 11:34

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 29132

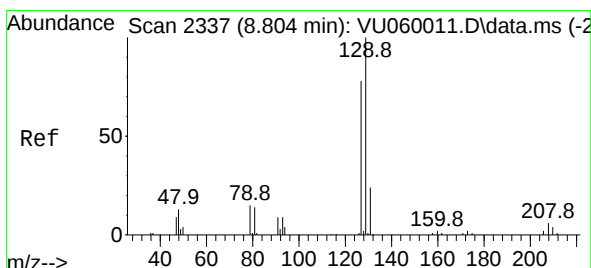
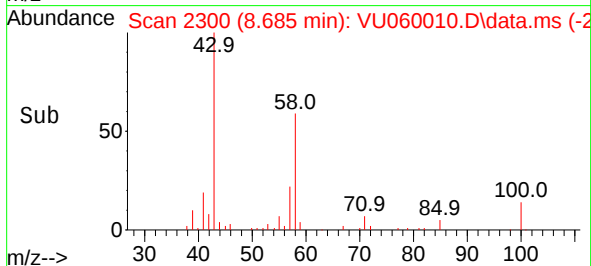
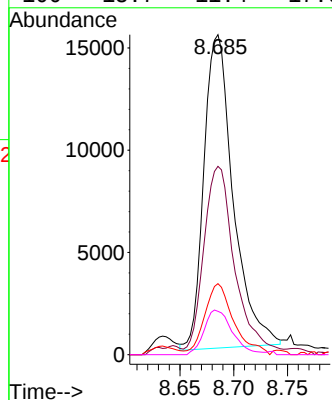
Ion Ratio Lower Upper

43 100

58 60.6 52.6 78.8

57 22.4 17.8 26.8

100 13.7 11.4 17.0



#49

Dibromochloromethane

Concen: 1.123 ug/L

RT: 8.807 min Scan# 2338

Delta R.T. 0.003 min

Lab File: VU060010.D

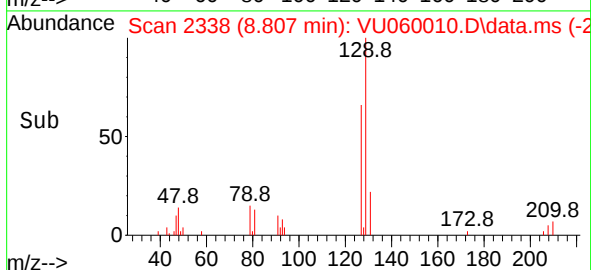
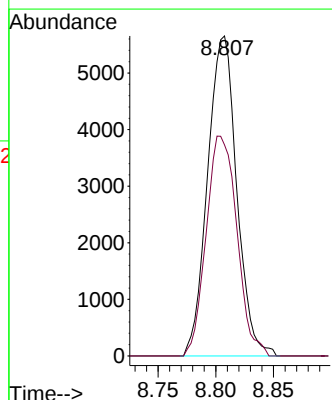
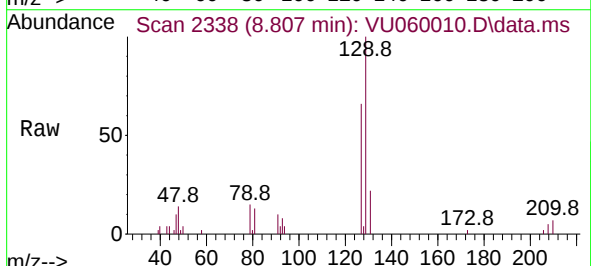
Acq: 18 Jul 2024 11:34

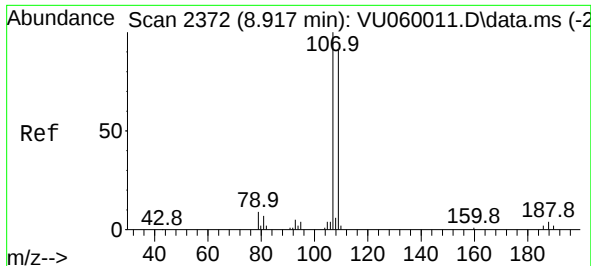
Tgt Ion: 129 Resp: 9945

Ion Ratio Lower Upper

129 100

127 66.0 54.6 101.4





#50

1,2-Dibromoethane

Concen: 1.073 ug/L

RT: 8.920 min Scan# 24

Delta R.T. 0.003 min

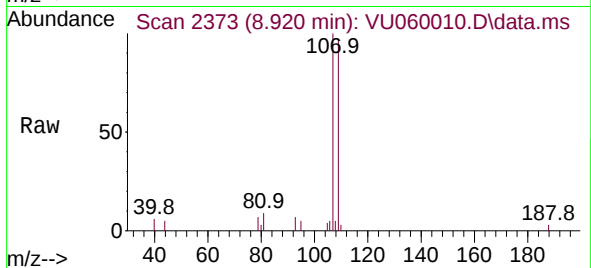
Lab File: VU060010.D

Acq: 18 Jul 2024 11:34

Instrument :

MSVOA_U

ClientSampleId :



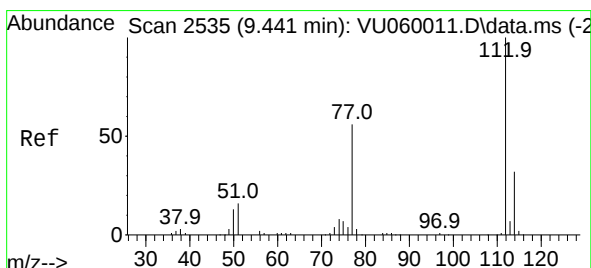
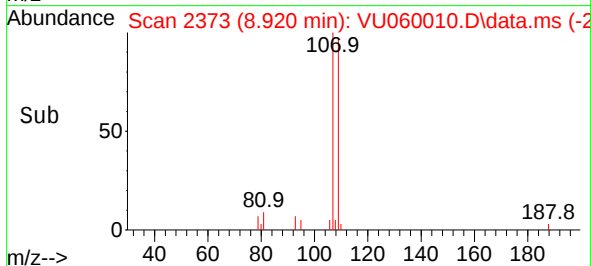
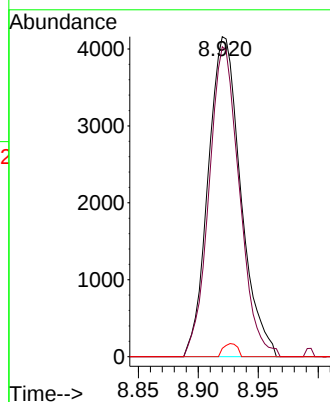
Tgt Ion:107 Resp: 7849

Ion Ratio Lower Upper

107 100

109 96.9 64.0 118.8

188 2.6 3.0 4.6#



#51

Chlorobenzene

Concen: 1.075 ug/L

RT: 9.444 min Scan# 2536

Delta R.T. 0.003 min

Lab File: VU060010.D

Acq: 18 Jul 2024 11:34

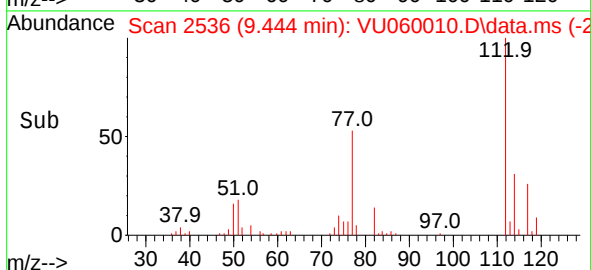
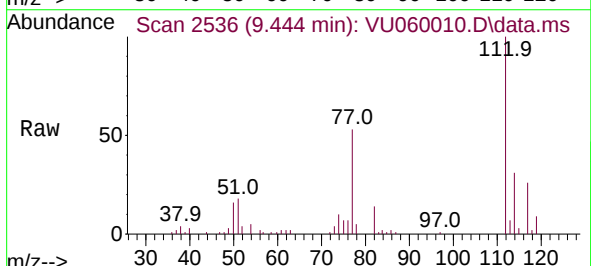
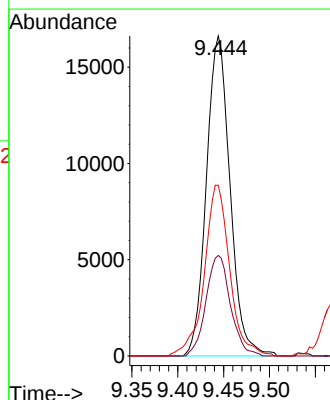
Tgt Ion:112 Resp: 29790

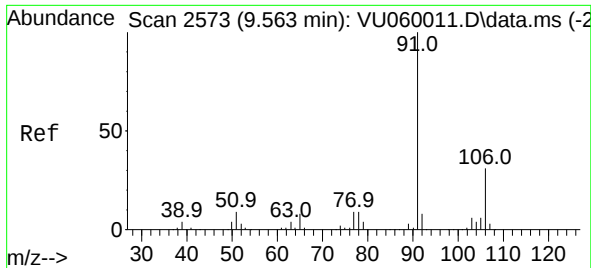
Ion Ratio Lower Upper

112 100

114 31.4 22.1 41.1

77 53.3 44.7 67.1





#52

Ethylbenzene

Concen: 0.927 ug/L

RT: 9.566 min Scan# 2573

Delta R.T. 0.003 min

Lab File: VU060010.D

Acq: 18 Jul 2024 11:34

Instrument :

MSVOA_U

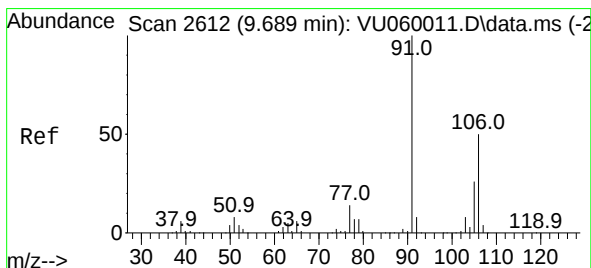
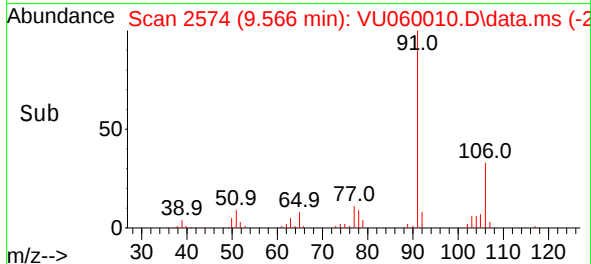
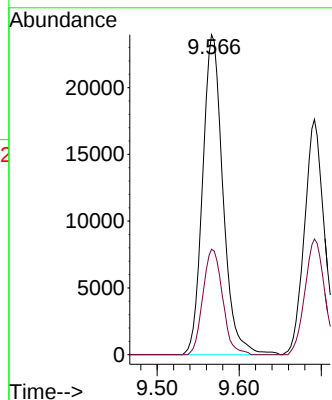
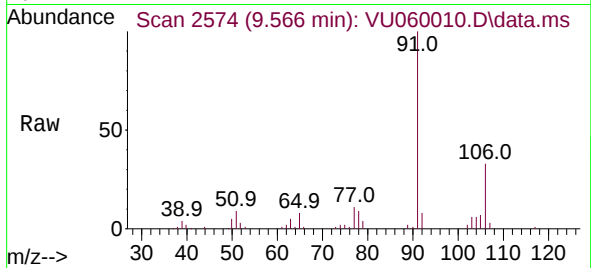
ClientSampleId :

Tgt Ion: 91 Resp: 41278

Ion Ratio Lower Upper

91 100

106 33.0 21.9 40.7



#53

m,p-Xylene

Concen: 0.876 ug/L

RT: 9.692 min Scan# 2613

Delta R.T. 0.003 min

Lab File: VU060010.D

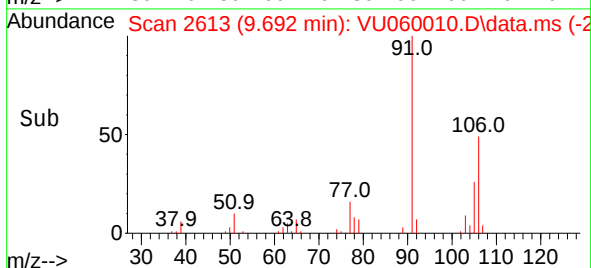
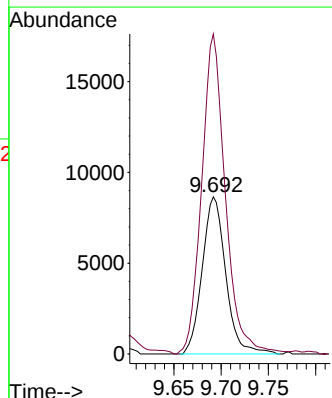
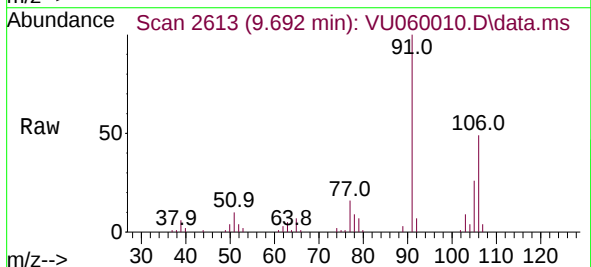
Acq: 18 Jul 2024 11:34

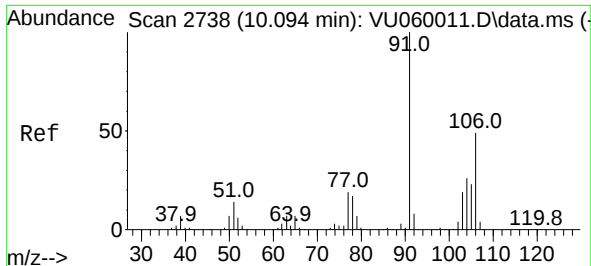
Tgt Ion:106 Resp: 14992

Ion Ratio Lower Upper

106 100

91 203.6 141.3 262.5





#54

o-Xylene

Concen: 0.853 ug/L

RT: 10.097 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU060010.D

Acq: 18 Jul 2024 11:34

Instrument :

MSVOA_U

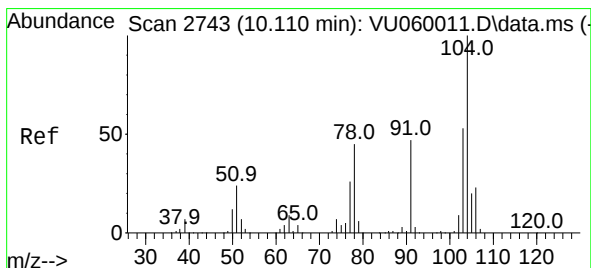
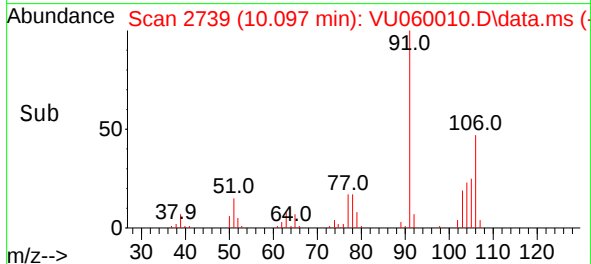
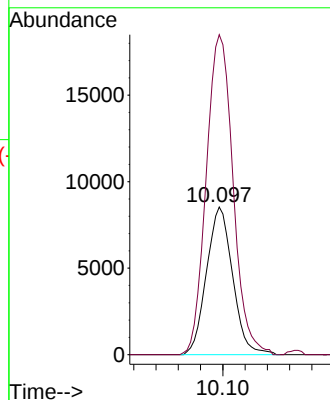
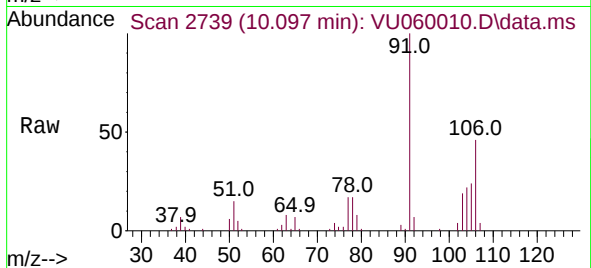
ClientSampleId :

Tgt Ion:106 Resp: 13912

Ion Ratio Lower Upper

106 100

91 216.7 143.6 266.6



#55

Styrene

Concen: 0.845 ug/L

RT: 10.113 min Scan# 2744

Delta R.T. 0.003 min

Lab File: VU060010.D

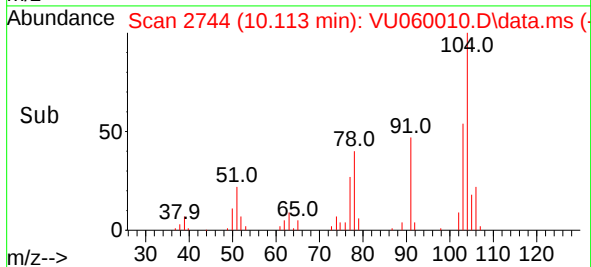
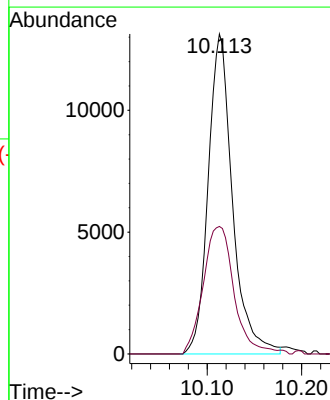
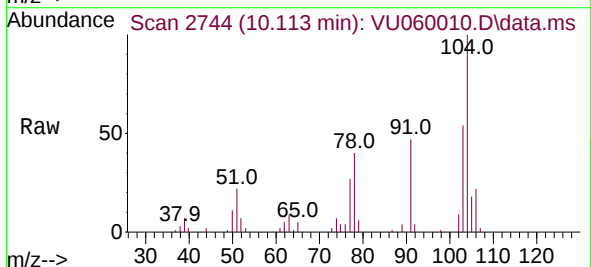
Acq: 18 Jul 2024 11:34

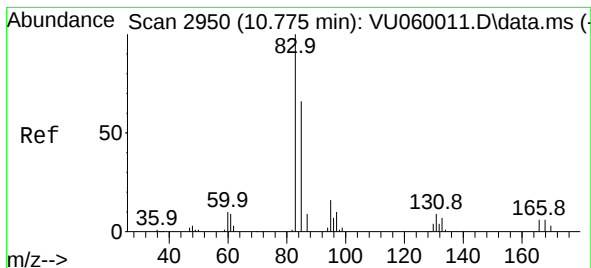
Tgt Ion:104 Resp: 23419

Ion Ratio Lower Upper

104 100

78 39.9 31.4 58.4





#57

1,1,2,2-Tetrachloroethane

Concen: 1.088 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

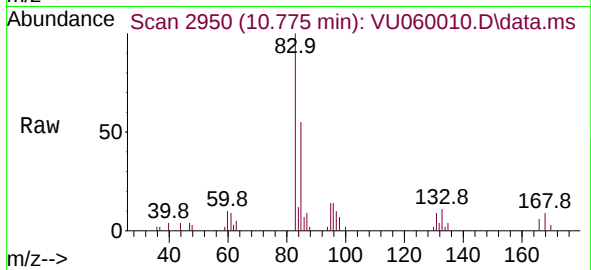
Lab File: VU060010.D

Acq: 18 Jul 2024 11:34

Instrument :

MSVOA_U

ClientSampleId :



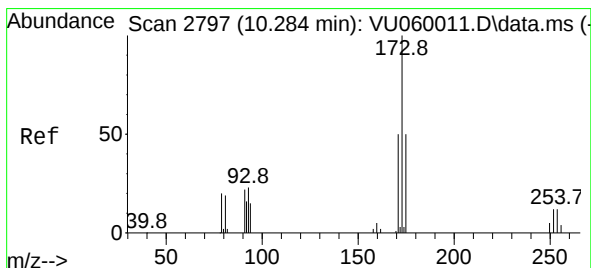
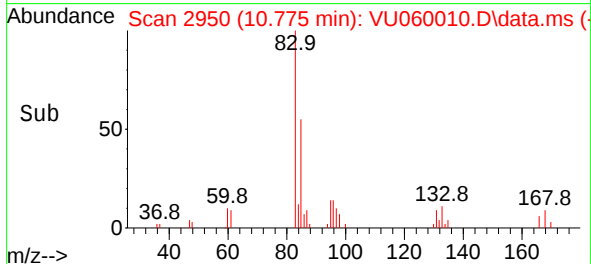
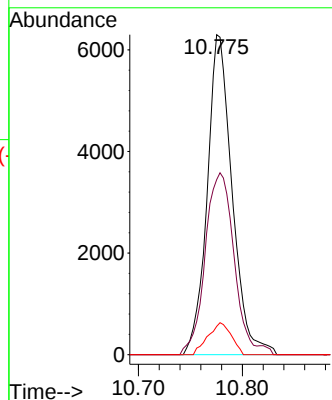
Tgt Ion: 83 Resp: 10508

Ion Ratio Lower Upper

83 100

85 54.7 46.8 87.0

131 8.9 7.8 11.6



#59

Bromoform

Concen: 1.141 ug/L

RT: 10.290 min Scan# 2799

Delta R.T. 0.006 min

Lab File: VU060010.D

Acq: 18 Jul 2024 11:34

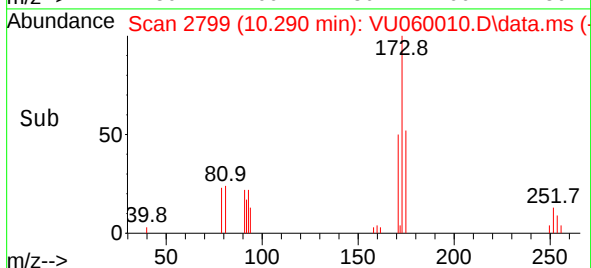
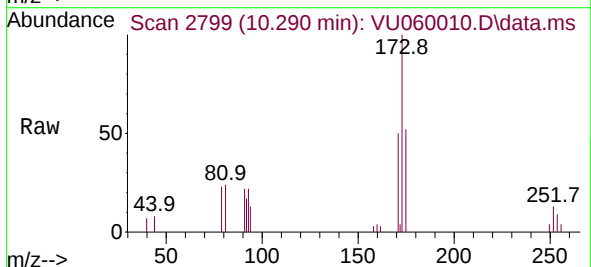
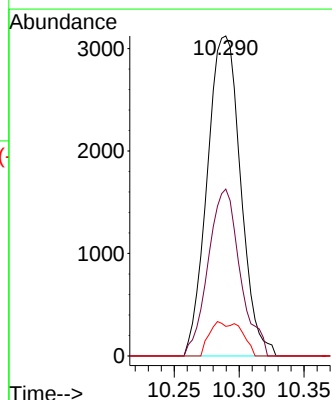
Tgt Ion:173 Resp: 5587

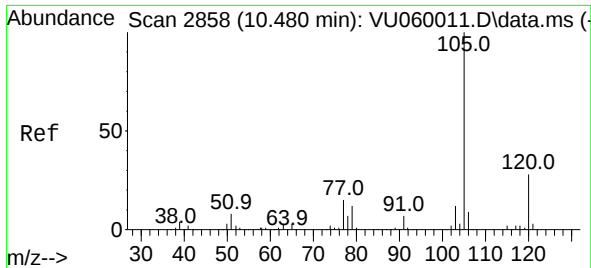
Ion Ratio Lower Upper

173 100

175 49.9 38.7 58.1

254 5.5 9.0 13.4#

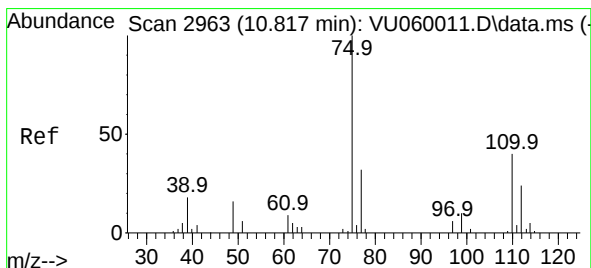
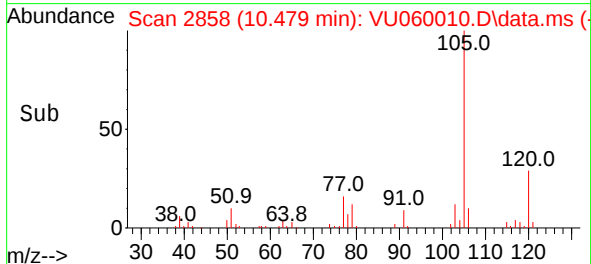
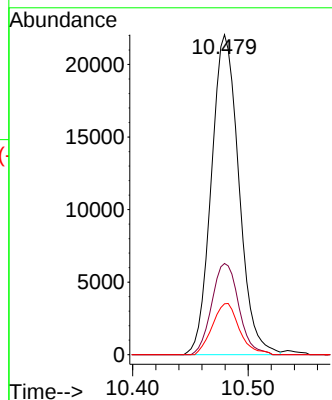
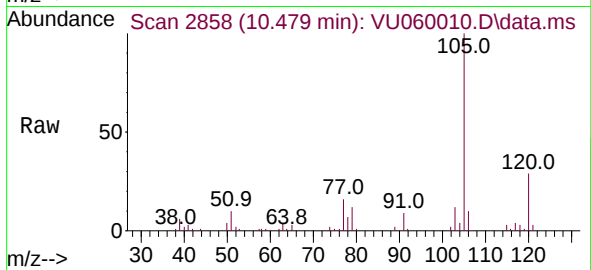




#60
Isopropylbenzene
Concen: 0.938 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU060010.D
Acq: 18 Jul 2024 11:34

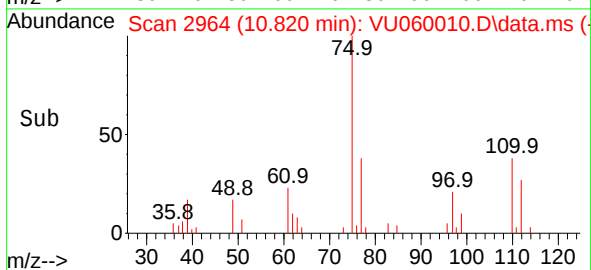
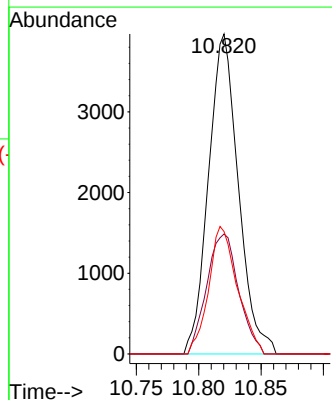
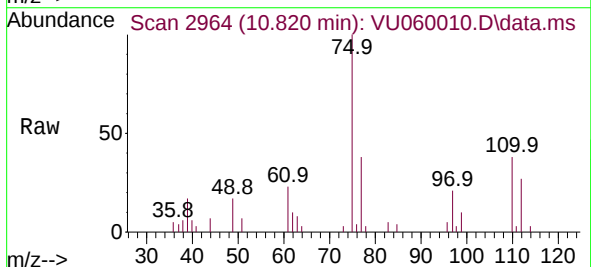
Instrument :
MSVOA_U
ClientSampleId :

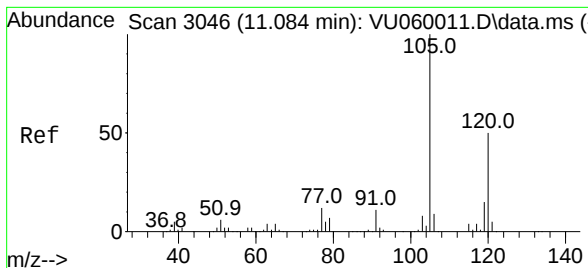
Tgt Ion:105 Resp: 36569
Ion Ratio Lower Upper
105 100
120 28.0 21.9 32.9
77 15.7 12.1 18.1



#61
1,2,3-Trichloropropane
Concen: 1.130 ug/L
RT: 10.820 min Scan# 2964
Delta R.T. 0.003 min
Lab File: VU060010.D
Acq: 18 Jul 2024 11:34

Tgt Ion: 75 Resp: 6612
Ion Ratio Lower Upper
75 100
110 40.1 30.8 46.2
77 38.4 26.2 39.2





#62

1,3,5-Trimethylbenzene

Concen: 0.855 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. -0.000 min

Lab File: VU060010.D

Acq: 18 Jul 2024 11:34

Instrument :

MSVOA_U

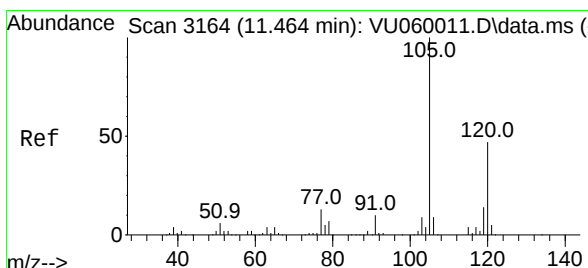
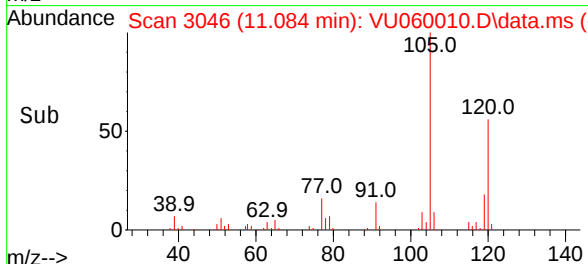
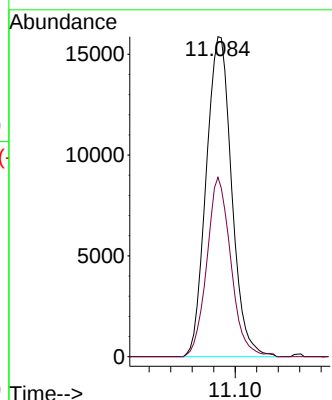
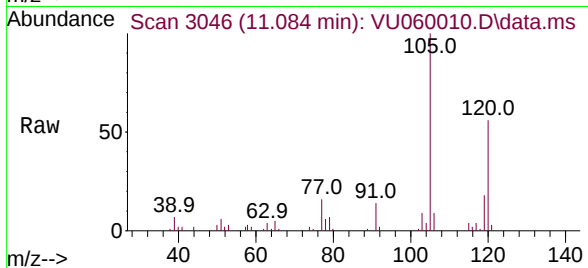
ClientSampleId :

Tgt Ion:105 Resp: 26163

Ion Ratio Lower Upper

105 100

120 52.9 39.4 59.2



#63

1,2,4-Trimethylbenzene

Concen: 0.834 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. -0.000 min

Lab File: VU060010.D

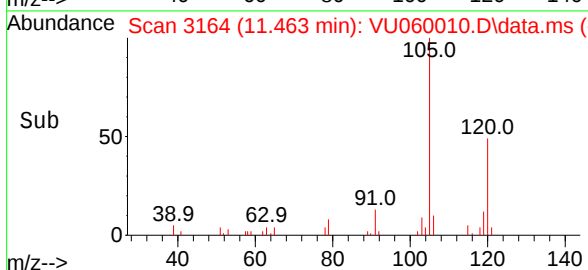
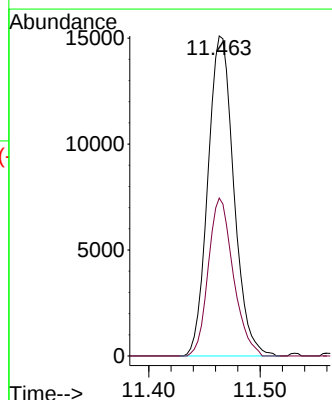
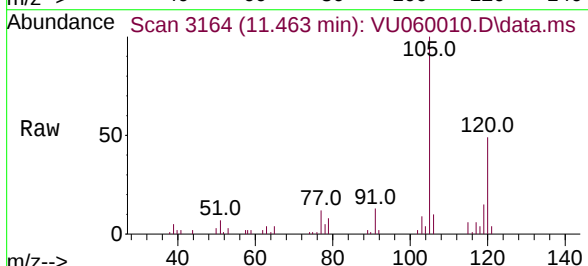
Acq: 18 Jul 2024 11:34

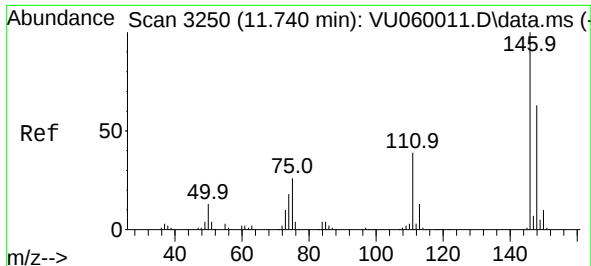
Tgt Ion:105 Resp: 24421

Ion Ratio Lower Upper

105 100

120 47.4 36.7 55.1





#64

1,3-Dichlorobenzene

Concen: 1.085 ug/L

RT: 11.743 min Scan# 3250

Delta R.T. 0.003 min

Lab File: VU060010.D

Acq: 18 Jul 2024 11:34

Instrument :

MSVOA_U

ClientSampleId :

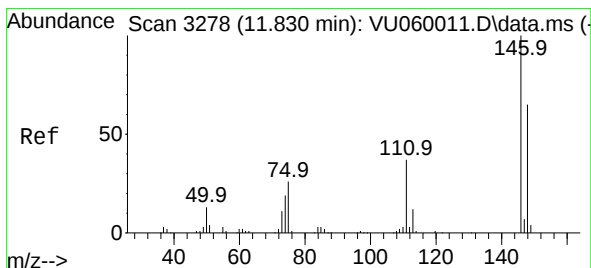
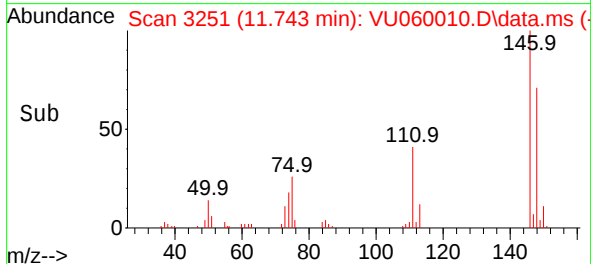
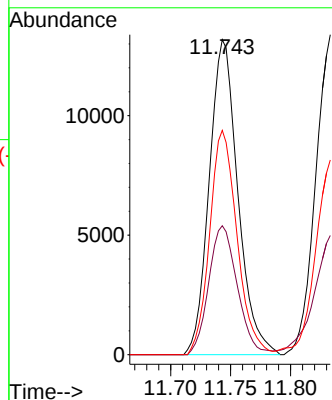
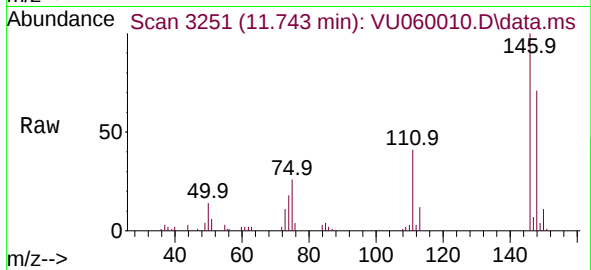
Tgt Ion:146 Resp: 21845

Ion Ratio Lower Upper

146 100

111 40.9 27.2 50.4

148 71.2 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 1.151 ug/L

RT: 11.836 min Scan# 3280

Delta R.T. 0.006 min

Lab File: VU060010.D

Acq: 18 Jul 2024 11:34

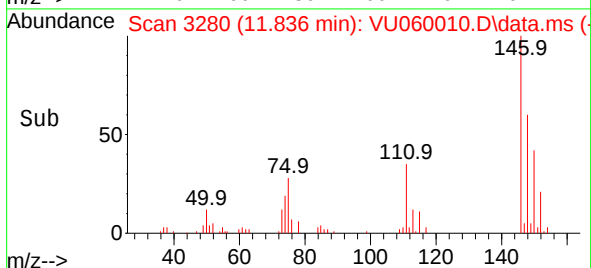
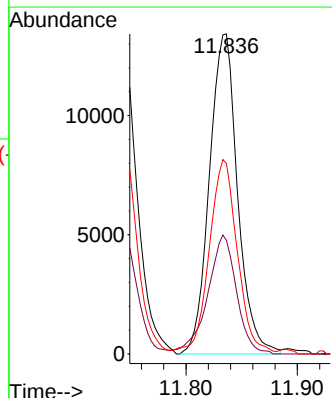
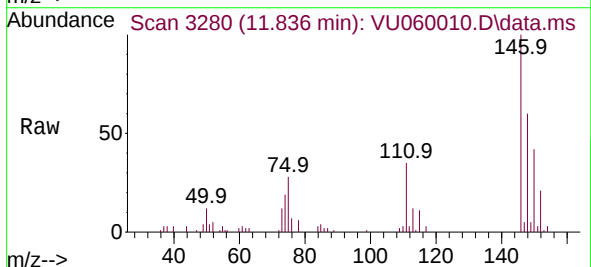
Tgt Ion:146 Resp: 23610

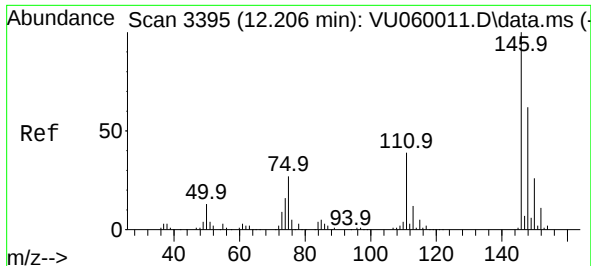
Ion Ratio Lower Upper

146 100

111 35.5 26.5 49.1

148 59.5 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 1.122 ug/L

RT: 12.209 min Scan# 3395

Delta R.T. 0.003 min

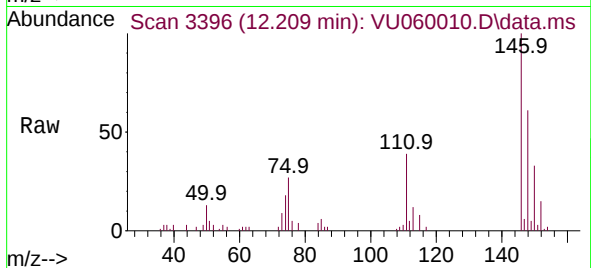
Lab File: VU060010.D

Acq: 18 Jul 2024 11:34

Instrument :

MSVOA_U

ClientSampleId :



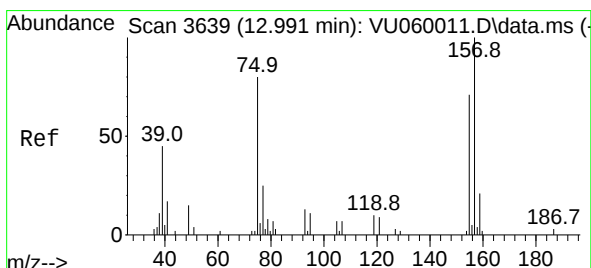
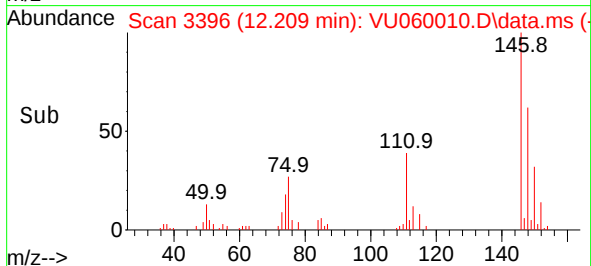
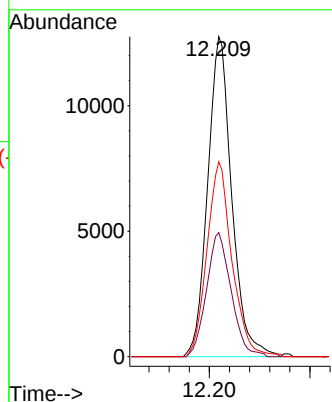
Tgt Ion:146 Resp: 21195

Ion Ratio Lower Upper

146 100

111 38.8 30.9 46.3

148 60.9 49.8 74.8



#68

1,2-Dibromo-3-chloropropane

Concen: 1.049 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.003 min

Lab File: VU060010.D

Acq: 18 Jul 2024 11:34

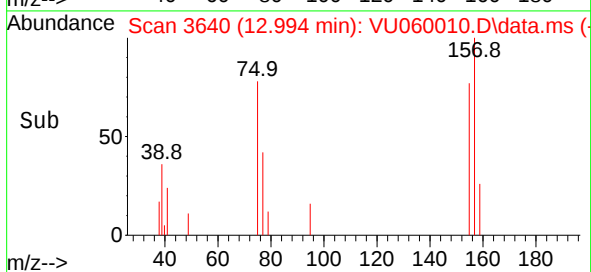
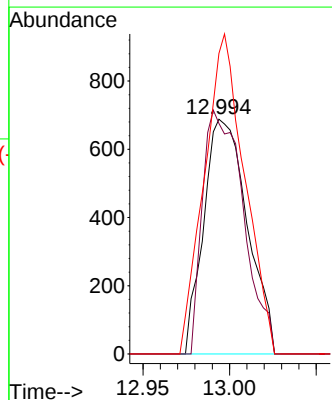
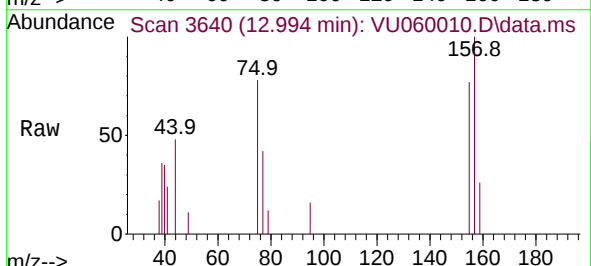
Tgt Ion: 75 Resp: 1207

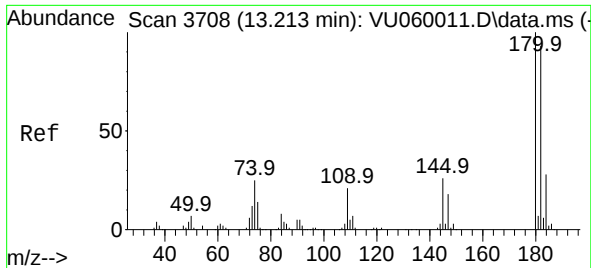
Ion Ratio Lower Upper

75 100

155 98.3 70.6 105.8

157 128.1 99.4 149.2





#69

1,3,5-Trichlorobenzene

Concen: 1.098 ug/L

RT: 13.219 min Scan# 3708

Delta R.T. 0.006 min

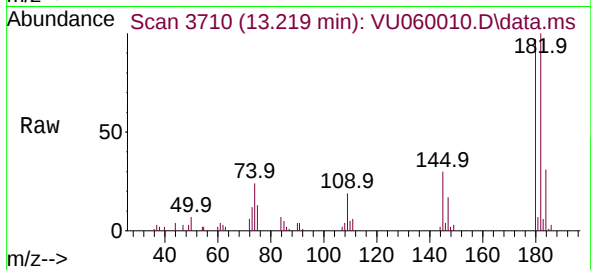
Lab File: VU060010.D

Acq: 18 Jul 2024 11:34

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 16427

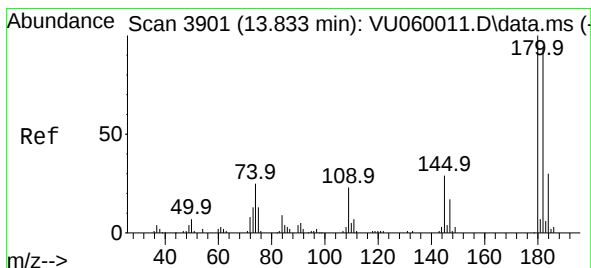
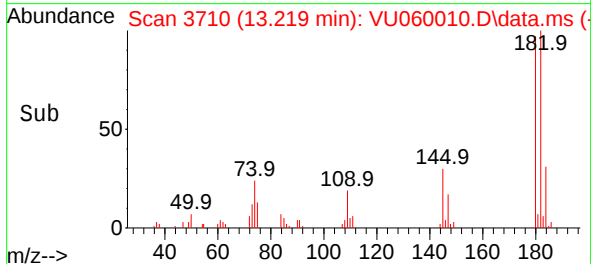
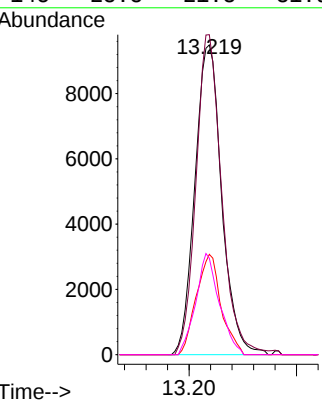
Ion Ratio Lower Upper

180 100

182 98.5 74.6 111.8

184 30.0 23.1 34.7

145 28.8 21.3 31.9



#70

1,2,4-trichlorobenzene

Concen: 1.040 ug/L

RT: 13.839 min Scan# 3903

Delta R.T. 0.006 min

Lab File: VU060010.D

Acq: 18 Jul 2024 11:34

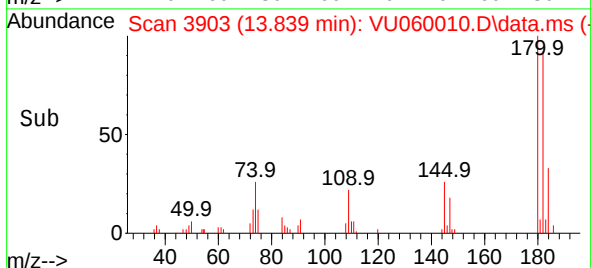
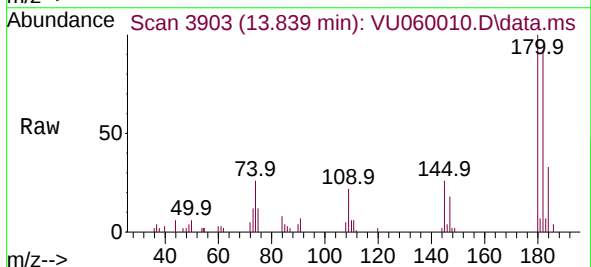
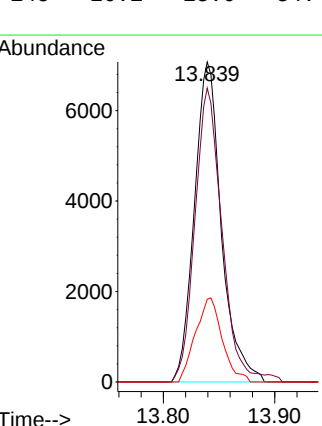
Tgt Ion:180 Resp: 11879

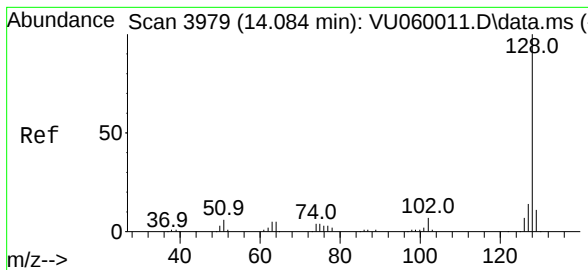
Ion Ratio Lower Upper

180 100

182 92.6 77.2 115.8

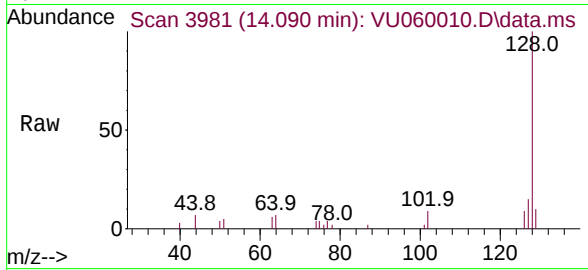
145 26.1 23.0 34.4



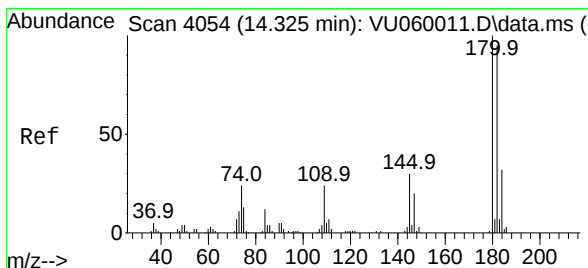
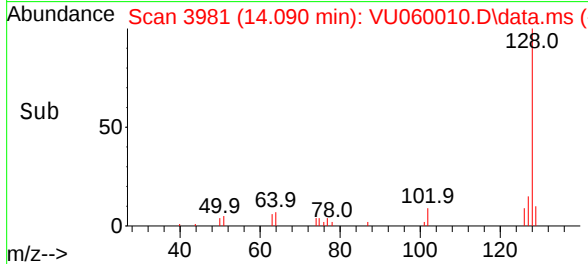
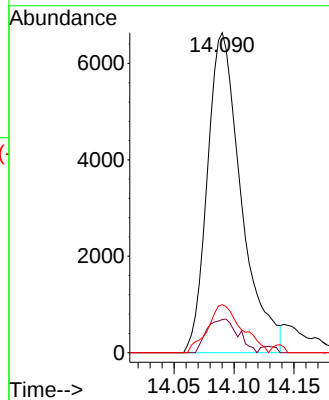


#71
Naphthalene
Concen: 0.802 ug/L
RT: 14.090 min Scan# 3981
Delta R.T. 0.006 min
Lab File: VU060010.D
Acq: 18 Jul 2024 11:34

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 13010
Ion Ratio Lower Upper
128 100
129 9.7 8.2 12.4
127 15.0 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 0.946 ug/L
RT: 14.328 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VU060010.D
Acq: 18 Jul 2024 11:34

Tgt Ion:180 Resp: 10008
Ion Ratio Lower Upper
180 100
182 99.2 76.3 114.5
145 32.7 23.9 35.9

