

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112124\
 Data File : VU061920.D
 Acq On : 21 Nov 2024 16:12
 Operator : MD/SY
 Sample : P4776-01
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 21 23:09:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 21 23:06:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	149631	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	137067	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	60583	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	30533	4.160	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.200%
7) Chloroethane-d5	1.908	69	26083	4.017	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.400%
11) 1,1-Dichloroethene-d2	2.560	65	13203	4.503	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.000%
20) 2-Butanone-d5	4.615	46	111688	48.459	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.920%
24) Chloroform-d	5.052	84	79735	4.453	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
26) 1,2-Dichloroethane-d4	5.692	65	40996	4.449	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
32) Benzene-d6	5.718	84	135970	5.091	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.800%
36) 1,2-Dichloropropane-d6	6.682	67	48999	5.400	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.000%
41) Toluene-d8	7.891	98	108842	4.887	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
43) trans-1,3-Dichloroprop...	8.174	79	16594	4.940	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.800%
46) 2-Hexanone-d5	8.624	63	70700	46.109	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.220%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	42341	4.669	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	46495	5.190	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	3429	0.262	ug/L	91
3) Chloromethane	1.515	50	3491	0.259	ug/L	98
5) Vinyl chloride	1.599	62	3142	0.227	ug/L #	56
6) Bromomethane	1.850	94	1942	0.235	ug/L	90
8) Chloroethane	1.924	64	1713	0.192	ug/L	96
9) Trichlorofluoromethane	2.133	101	4193	0.239	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	2607	0.242	ug/L	94
12) 1,1-Dichloroethene	2.570	96	2507	0.250	ug/L #	1
14) Carbon disulfide	2.785	76	7204	0.226	ug/L	98
15) Methyl Acetate	2.972	43	880	0.215	ug/L #	51
16) Methylene chloride	3.043	84	3021	0.251	ug/L	87
17) Methyl tert-butyl Ether	3.354	73	5462	0.212	ug/L #	95
18) trans-1,2-Dichloroethene	3.348	96	2088	0.197	ug/L	91
19) 1,1-Dichloroethane	3.866	63	4522	0.219	ug/L	94
22) cis-1,2-Dichloroethene	4.653	96	2508	0.210	ug/L	94
23) Bromochloromethane	4.968	128	1099	0.212	ug/L #	72
25) Chloroform	5.081	83	5421	0.251	ug/L	100
27) 1,2-Dichloroethane	5.788	62	3132	0.225	ug/L	99
30) Cyclohexane	5.380	56	3749	0.227	ug/L	95

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

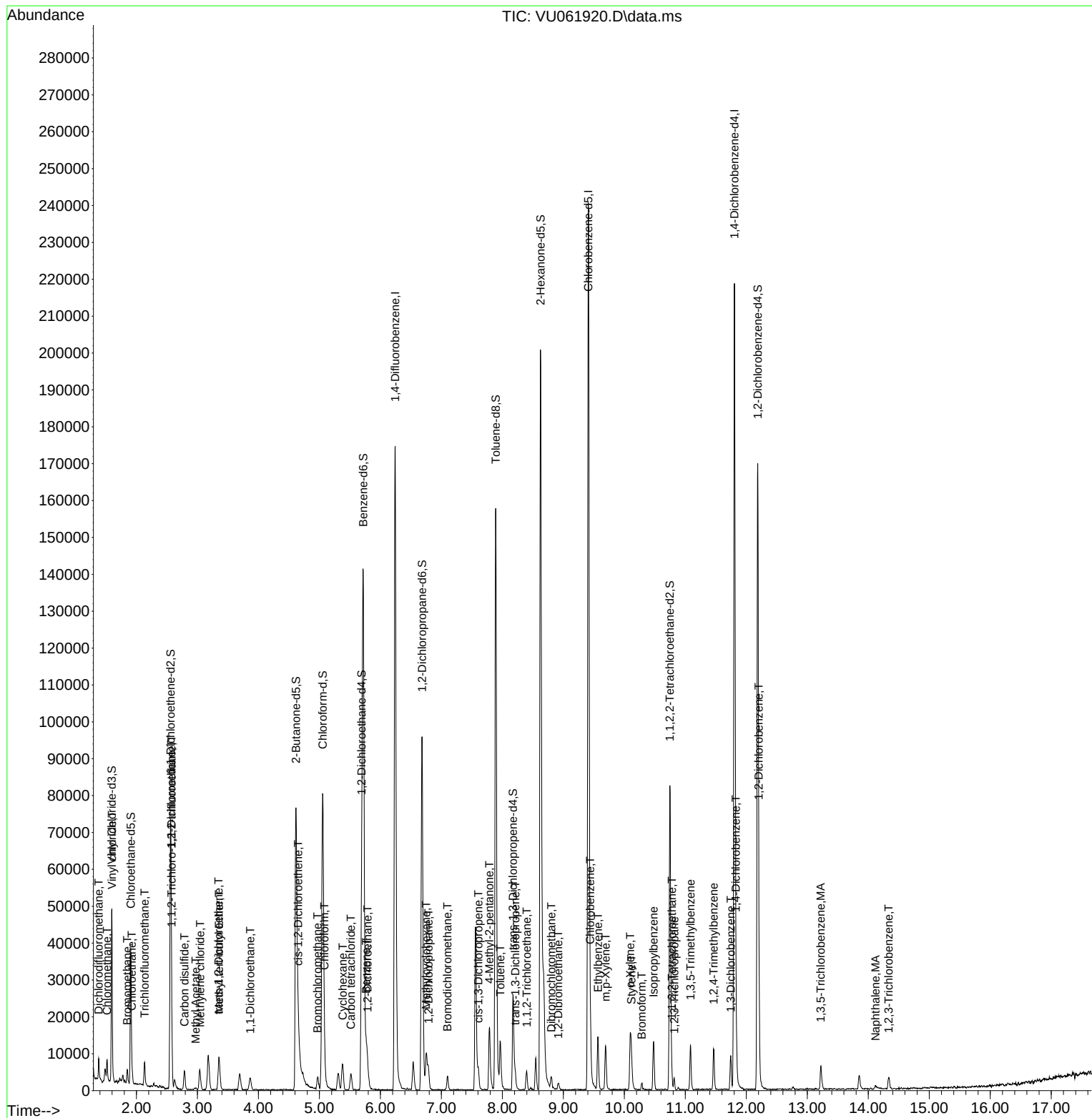
31) Carbon tetrachloride	5.515	117	3229	0.241	ug/L	98
33) Benzene	5.766	78	10214	0.247	ug/L	100
35) Methylcyclohexane	6.750	83	4167	0.247	ug/L	92
37) 1,2-Dichloropropane	6.788	63	2830	0.263	ug/L #	87
38) Bromodichloromethane	7.100	83	3129	0.240	ug/L	98
39) cis-1,3-Dichloropropene	7.605	75	3665	0.243	ug/L	94
40) 4-Methyl-2-pentanone	7.785	43	12377	2.133	ug/L #	90
42) Toluene	7.965	91	10133	0.233	ug/L	94
44) trans-1,3-Dichloropropene	8.210	75	2842	0.237	ug/L	96
45) 1,1,2-Trichloroethane	8.399	97	1913	0.241	ug/L	90
49) Dibromochloromethane	8.801	129	1832	0.219	ug/L	87
50) 1,2-Dibromoethane	8.917	107	1525	0.194	ug/L #	96
51) Chlorobenzene	9.441	112	6171	0.207	ug/L	90
52) Ethylbenzene	9.566	91	10967	0.211	ug/L	92
53) m,p-Xylene	9.692	106	4063	0.221	ug/L	86
54) o-Xylene	10.097	106	3721	0.201	ug/L	97
55) Styrene	10.116	104	5298	0.174	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.779	83	2122	0.209	ug/L	98
59) Bromoform	10.283	173	1031	0.229	ug/L #	79
60) Isopropylbenzene	10.480	105	9396	0.199	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	1426	0.204	ug/L	95
62) 1,3,5-Trimethylbenzene	11.084	105	7588	0.201	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	7194	0.191	ug/L	95
64) 1,3-Dichlorobenzene	11.746	146	4270	0.204	ug/L	95
65) 1,4-Dichlorobenzene	11.830	146	4756	0.234	ug/L	90
67) 1,2-Dichlorobenzene	12.203	146	4305	0.236	ug/L	95
69) 1,3,5-Trichlorobenzene	13.219	180	2892	0.232	ug/L	97
71) Naphthalene	14.116	128	2249	0.146	ug/L #	70
72) 1,2,3-Trichlorobenzene	14.335	180	1728	0.210	ug/L #	54

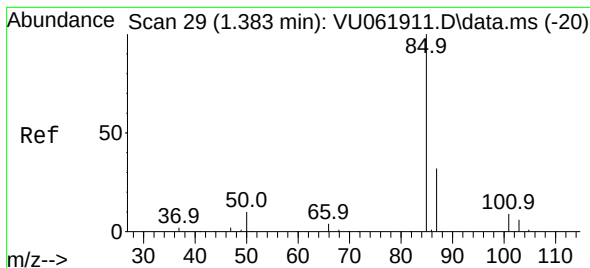
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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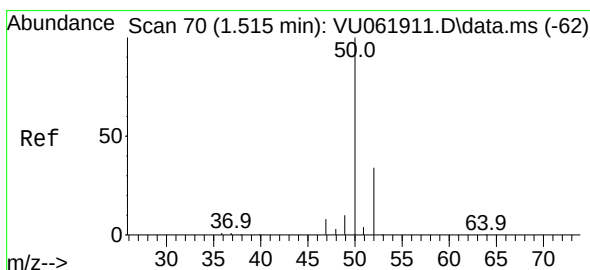
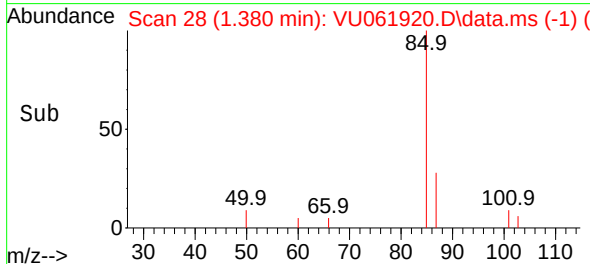
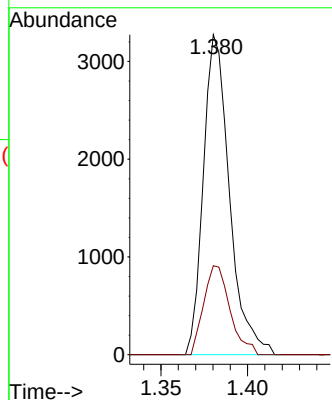
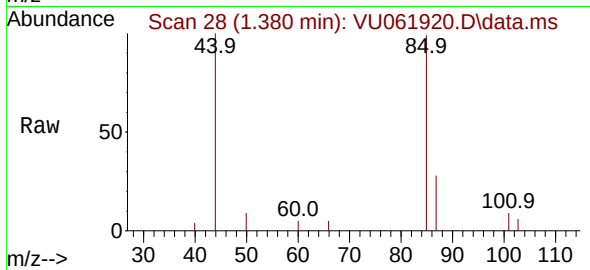




#2
Dichlorodifluoromethane
Concen: 0.262 ug/L
RT: 1.380 min Scan# 29
Delta R.T. -0.003 min
Lab File: VU061920.D
Acq: 21 Nov 2024 16:12

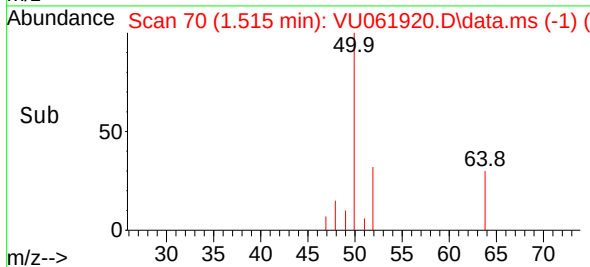
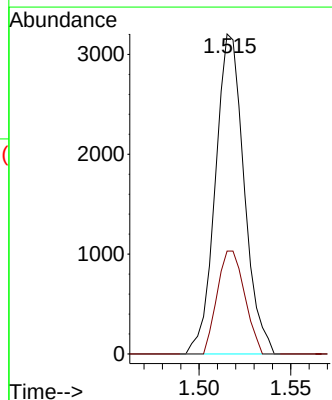
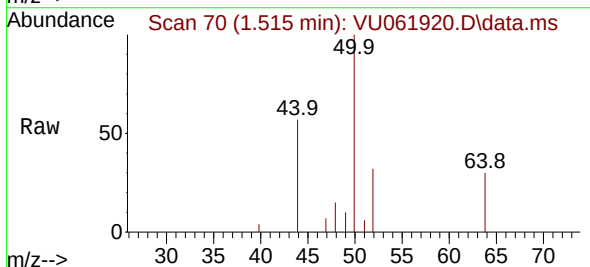
Instrument :
MSVOA_U
ClientSampleId :

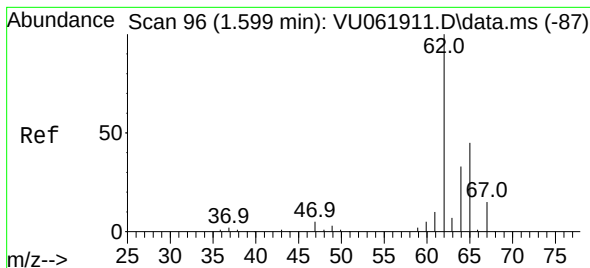
Tgt Ion: 85 Resp: 3429
Ion Ratio Lower Upper
85 100
87 27.9 26.6 40.0



#3
Chloromethane
Concen: 0.259 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU061920.D
Acq: 21 Nov 2024 16:12

Tgt Ion: 50 Resp: 3491
Ion Ratio Lower Upper
50 100
52 32.1 23.1 42.9





#5

Vinyl chloride

Concen: 0.227 ug/L

RT: 1.599 min Scan# 90

Delta R.T. 0.000 min

Lab File: VU061920.D

Acq: 21 Nov 2024 16:12

Instrument :

MSVOA_U

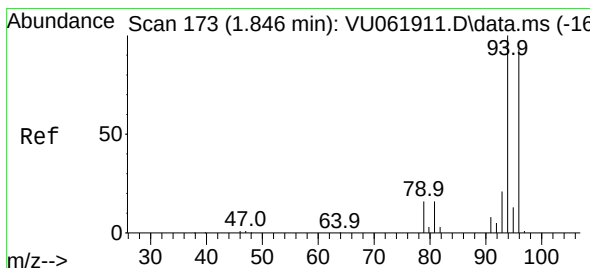
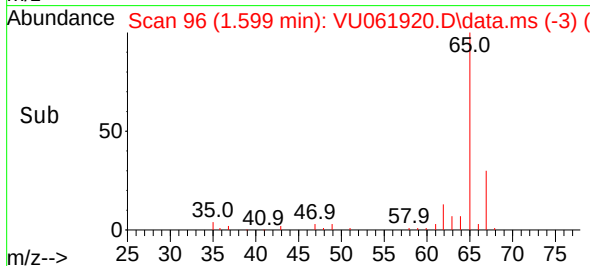
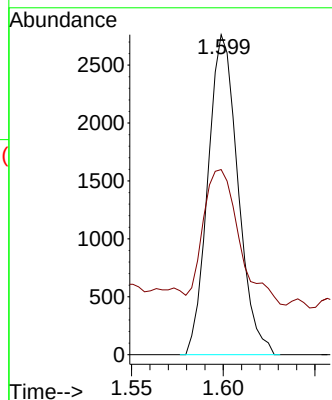
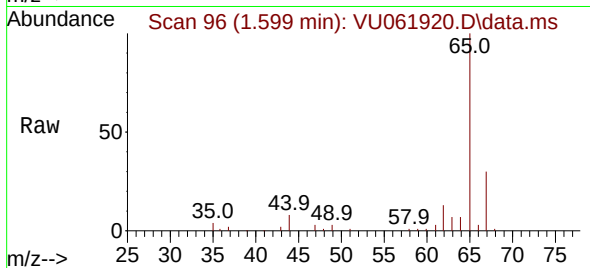
ClientSampleId :

Tgt Ion: 62 Resp: 3142

Ion Ratio Lower Upper

62 100

64 57.8 23.1 42.9#



#6

Bromomethane

Concen: 0.235 ug/L

RT: 1.850 min Scan# 174

Delta R.T. 0.003 min

Lab File: VU061920.D

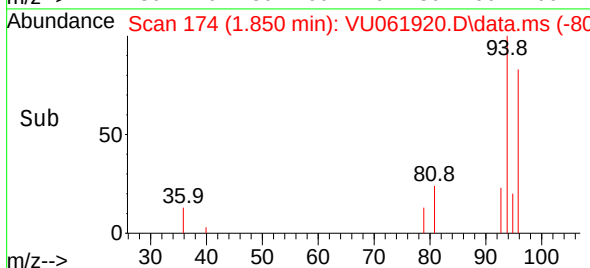
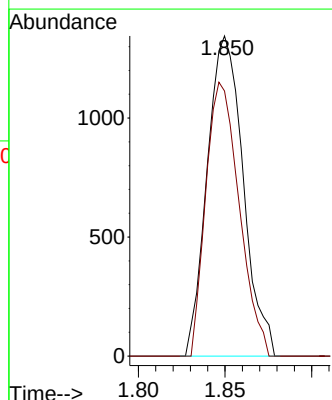
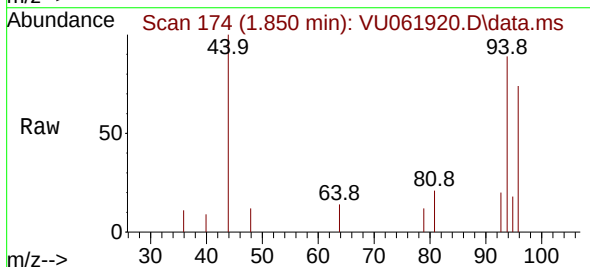
Acq: 21 Nov 2024 16:12

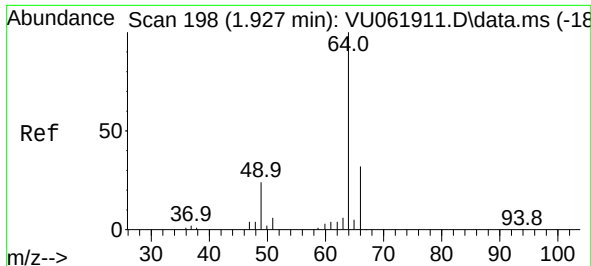
Tgt Ion: 94 Resp: 1942

Ion Ratio Lower Upper

94 100

96 82.8 64.5 119.9

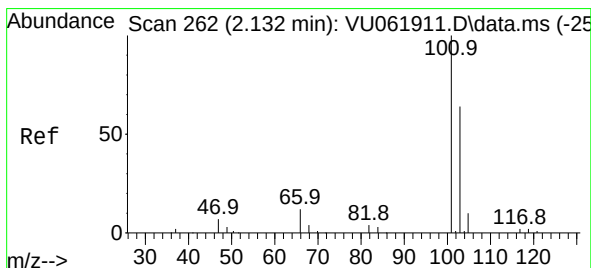
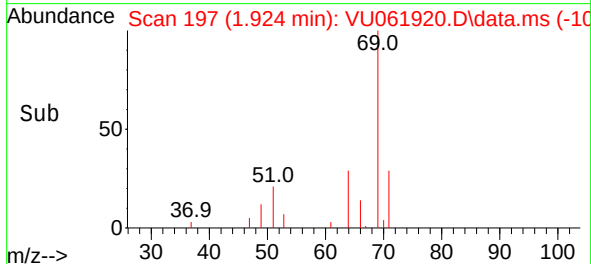
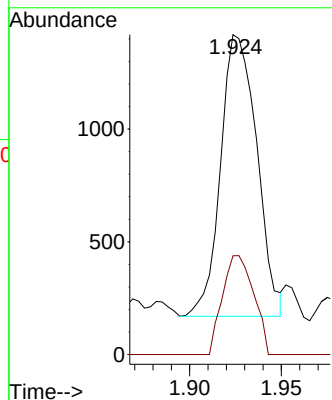
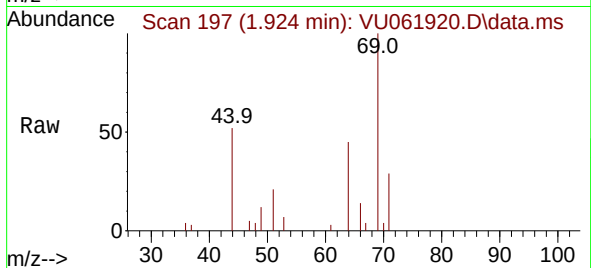




#8
Chloroethane
Concen: 0.192 ug/L
RT: 1.924 min Scan# 198
Delta R.T. -0.003 min
Lab File: VU061920.D
Acq: 21 Nov 2024 16:12

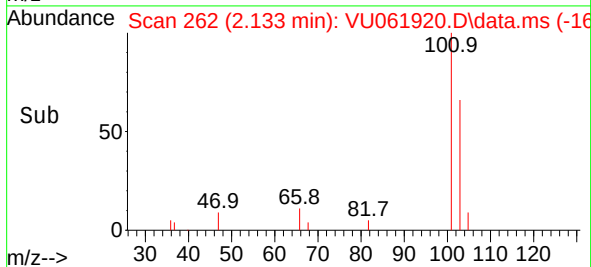
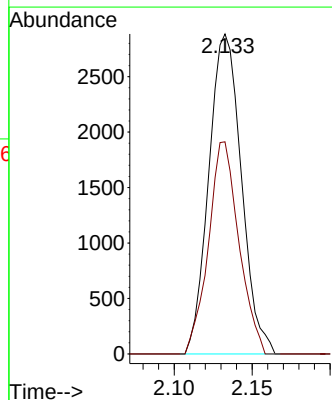
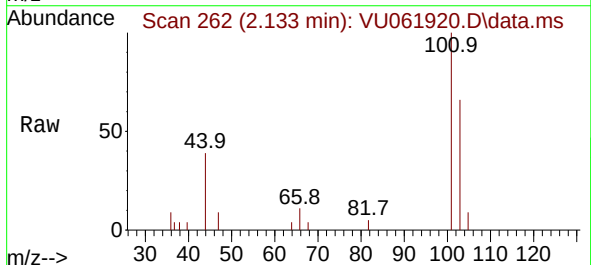
Instrument :
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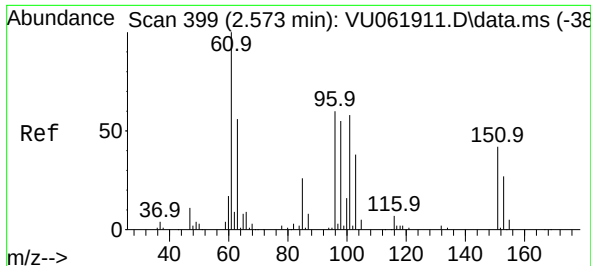
Tgt Ion: 64 Resp: 1713
Ion Ratio Lower Upper
64 100
66 30.9 23.2 43.2



#9
Trichlorofluoromethane
Concen: 0.239 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU061920.D
Acq: 21 Nov 2024 16:12

Tgt Ion:101 Resp: 4193
Ion Ratio Lower Upper
101 100
103 61.8 50.6 75.8

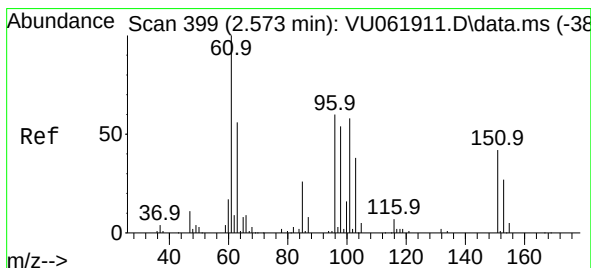
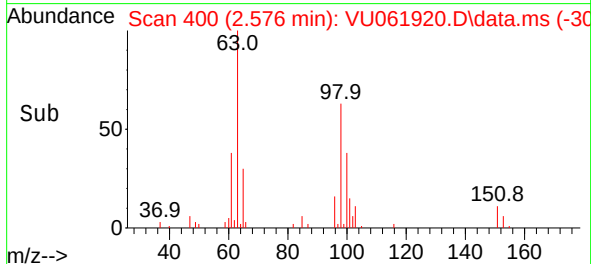
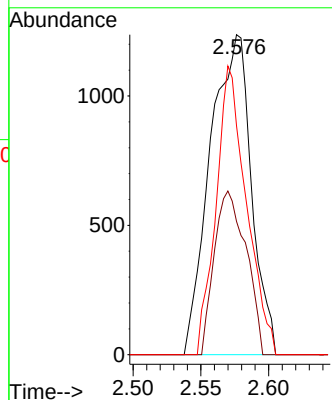
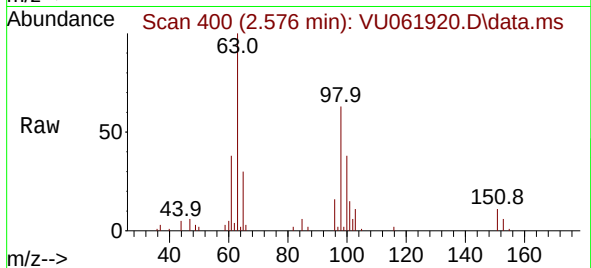




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.242 ug/L
RT: 2.576 min Scan# 40
Delta R.T. 0.003 min
Lab File: VU061920.D
Acq: 21 Nov 2024 16:12

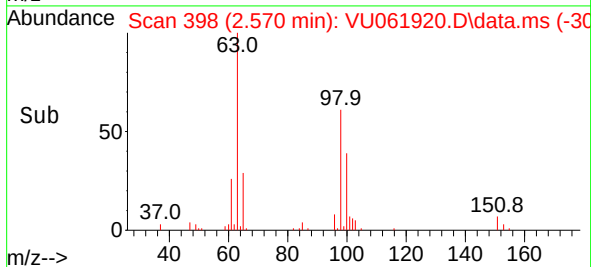
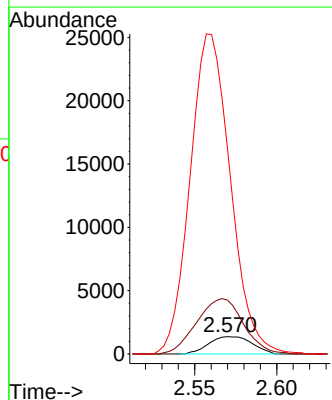
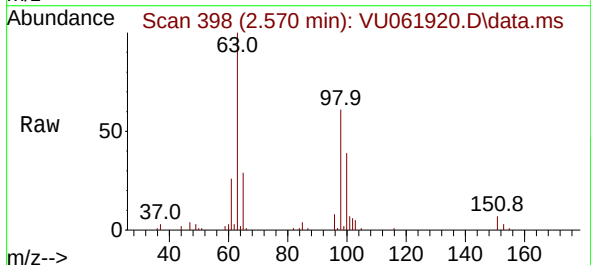
Instrument :
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ClientSampleId :

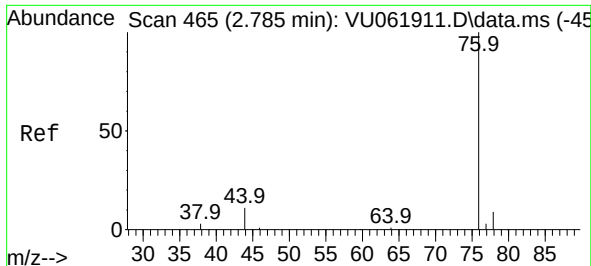
Tgt Ion:101 Resp: 2607
Ion Ratio Lower Upper
101 100
85 39.7 38.0 57.0
151 66.7 55.3 82.9



#12
1,1-Dichloroethene
Concen: 0.250 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.003 min
Lab File: VU061920.D
Acq: 21 Nov 2024 16:12

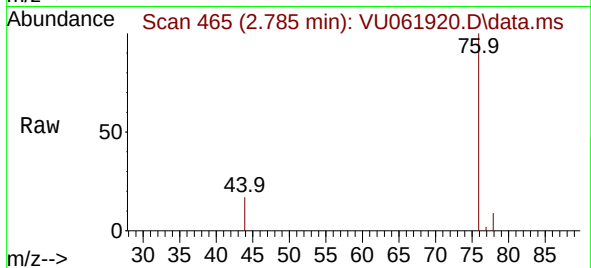
Tgt Ion: 96 Resp: 2507
Ion Ratio Lower Upper
96 100
61 312.9 119.6 222.2#
63 1200.8 65.0 120.6#



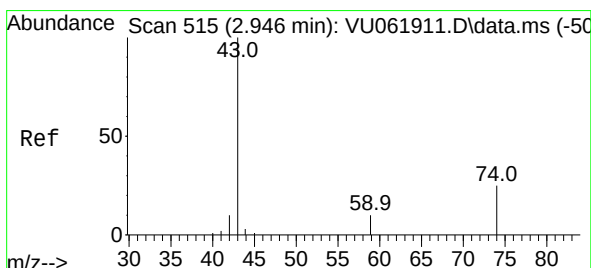
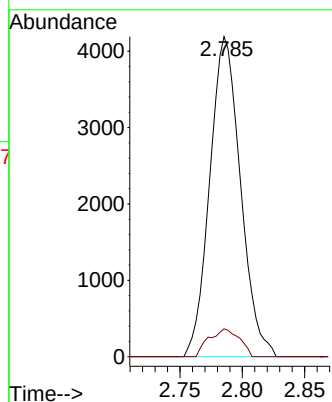
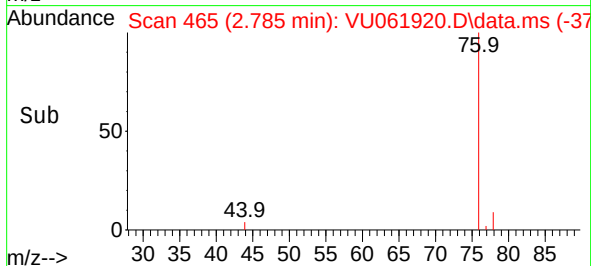


#14
Carbon disulfide
Concen: 0.226 ug/L
RT: 2.785 min Scan# 41
Delta R.T. 0.000 min
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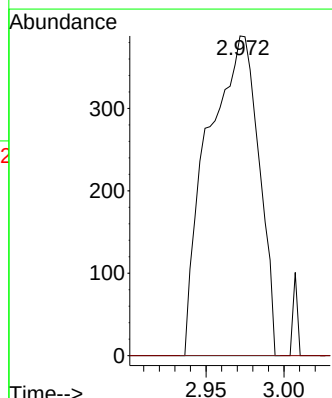
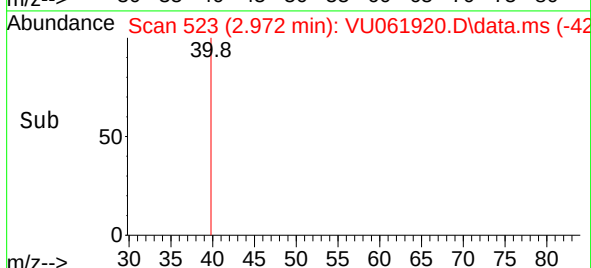
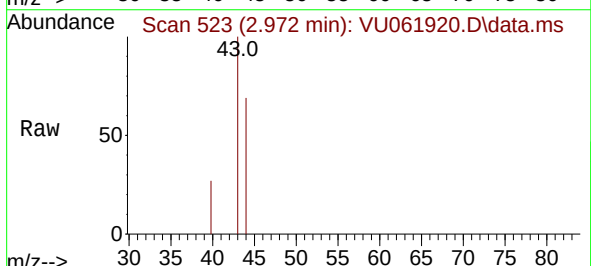


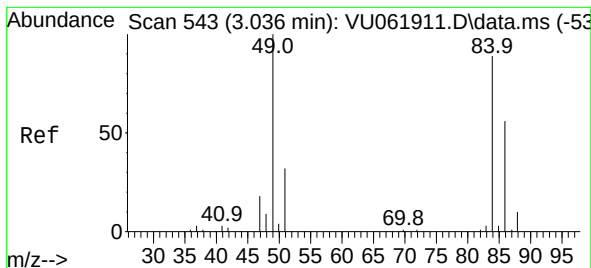
Tgt Ion: 76 Resp: 7204
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3



#15
Methyl Acetate
Concen: 0.215 ug/L
RT: 2.972 min Scan# 523
Delta R.T. 0.026 min
Lab File: VU061920.D
Acq: 21 Nov 2024 16:12

Tgt Ion: 43 Resp: 880
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#





#16

Methylene chloride

Concen: 0.251 ug/L

RT: 3.043 min Scan# 543

Delta R.T. 0.007 min

Lab File: VU061920.D

Acq: 21 Nov 2024 16:12

Instrument :

MSVOA_U

ClientSampleId :

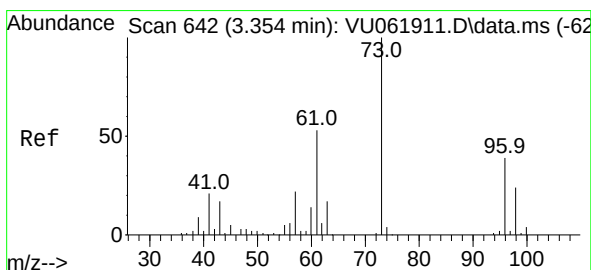
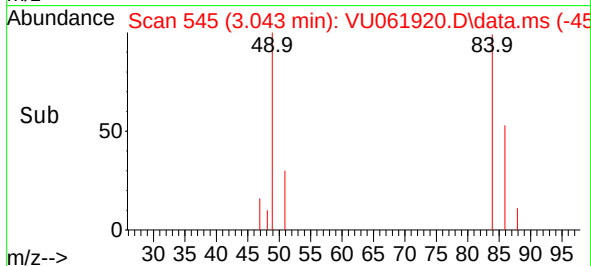
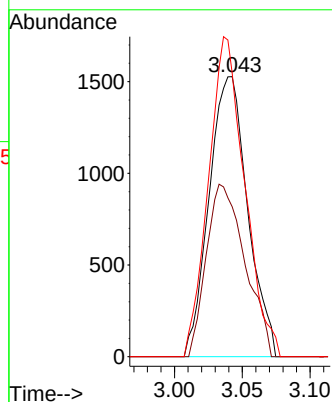
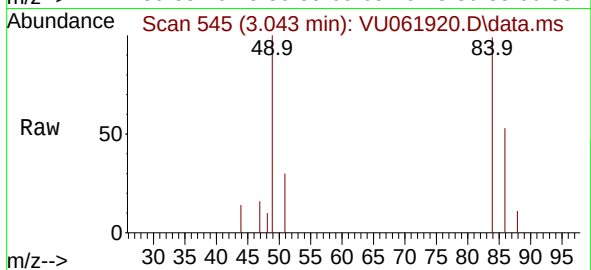
Tgt Ion: 84 Resp: 3021

Ion Ratio Lower Upper

84 100

86 53.6 43.5 80.7

49 101.2 81.9 152.1



#17

Methyl tert-butyl Ether

Concen: 0.212 ug/L

RT: 3.354 min Scan# 642

Delta R.T. 0.000 min

Lab File: VU061920.D

Acq: 21 Nov 2024 16:12

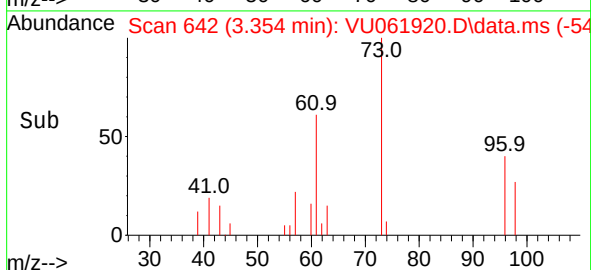
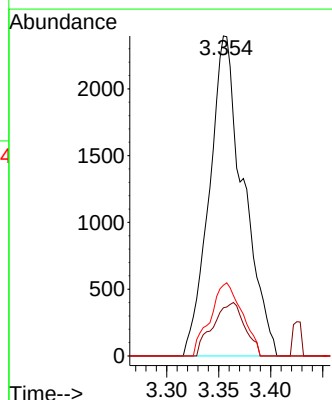
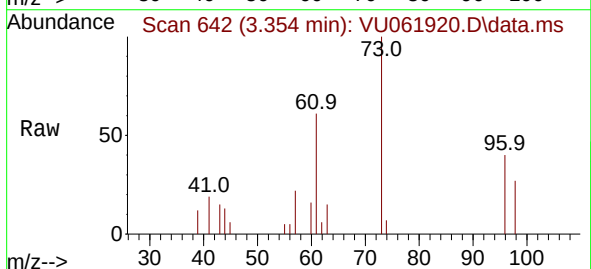
Tgt Ion: 73 Resp: 5462

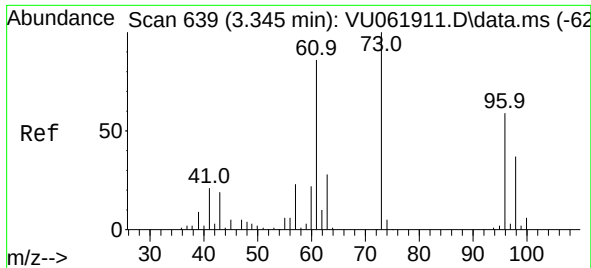
Ion Ratio Lower Upper

73 100

43 15.6 16.3 24.5#

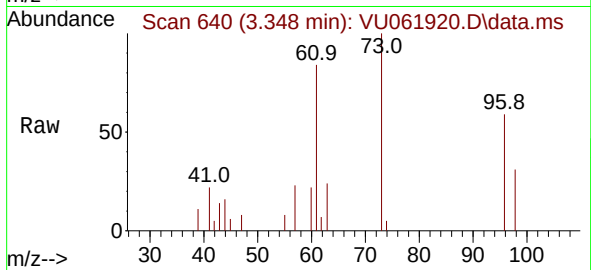
57 21.4 17.1 25.7





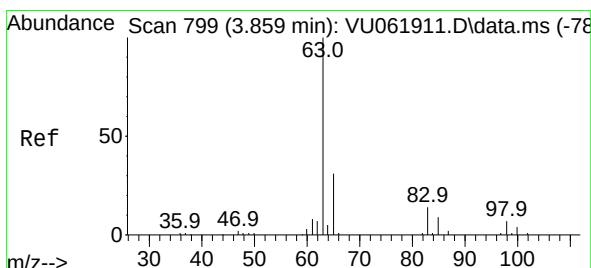
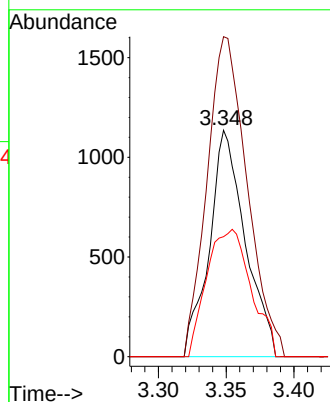
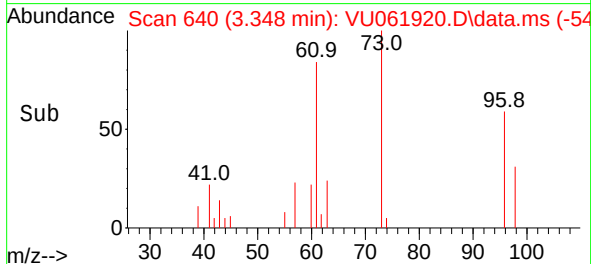
#18
trans-1,2-Dichloroethene
Concen: 0.197 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU061920.D
Acq: 21 Nov 2024 16:12

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 96 Resp: 2088

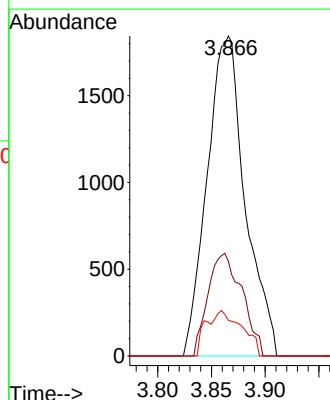
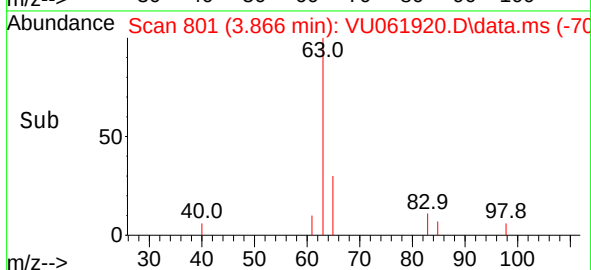
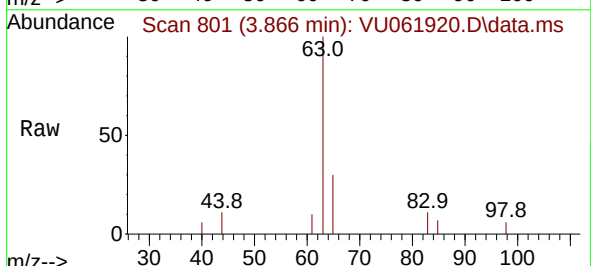
Ion	Ratio	Lower	Upper
96	100		
61	141.3	104.2	193.4
98	53.0	45.7	84.9

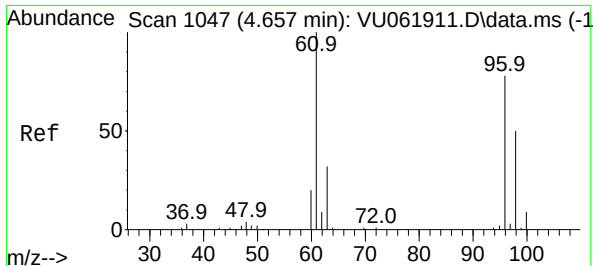


#19
1,1-Dichloroethane
Concen: 0.219 ug/L
RT: 3.866 min Scan# 801
Delta R.T. 0.007 min
Lab File: VU061920.D
Acq: 21 Nov 2024 16:12

Tgt Ion: 63 Resp: 4522

Ion	Ratio	Lower	Upper
63	100		
65	29.6	22.7	42.3
83	11.2	9.9	18.3

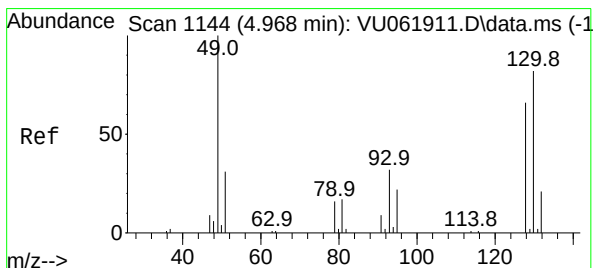
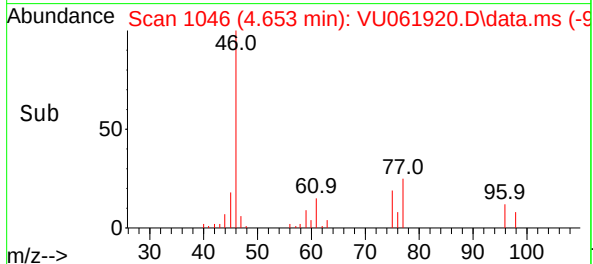
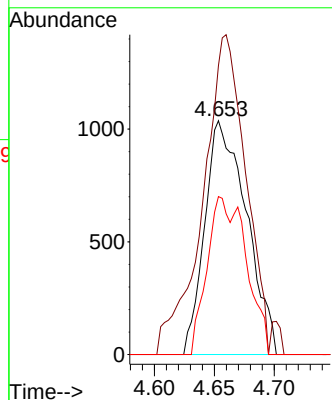
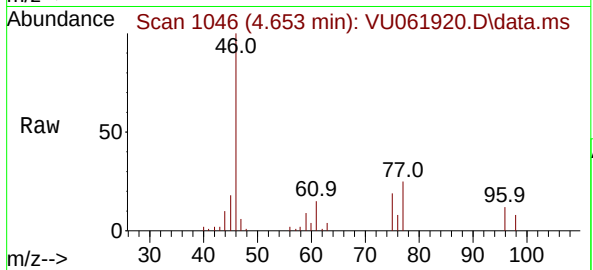




#22
 cis-1,2-Dichloroethene
 Concen: 0.210 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. -0.003 min
 Lab File: VU061920.D
 Acq: 21 Nov 2024 16:12

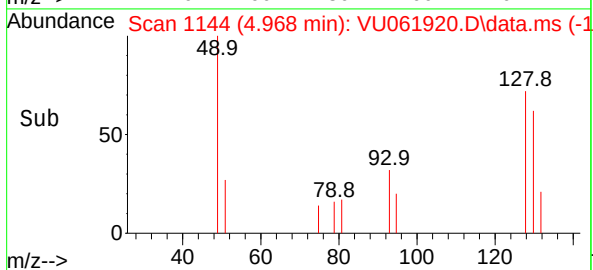
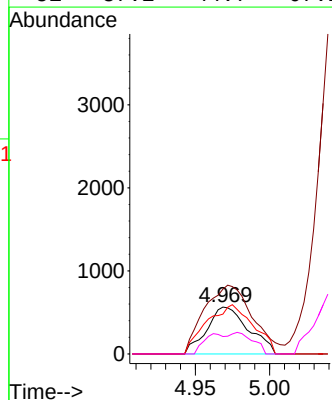
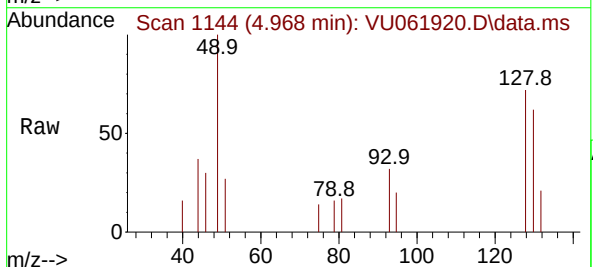
Instrument :
 MSVOA_U
 ClientSampleId :

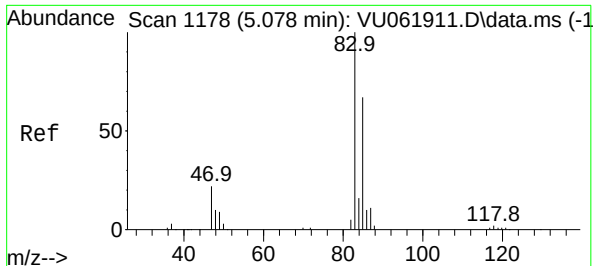
Tgt Ion: 96 Resp: 2508
 Ion Ratio Lower Upper
 96 100
 61 123.5 92.0 170.8
 98 67.6 44.5 82.7



#23
 Bromochloromethane
 Concen: 0.212 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. 0.000 min
 Lab File: VU061920.D
 Acq: 21 Nov 2024 16:12

Tgt Ion:128 Resp: 1099
 Ion Ratio Lower Upper
 128 100
 49 138.1 115.3 214.1
 130 85.0 92.0 170.8#
 51 37.2 44.7 67.1#





#25

Chloroform

Concen: 0.251 ug/L

RT: 5.081 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VU061920.D

Acq: 21 Nov 2024 16:12

Instrument :

MSVOA_U

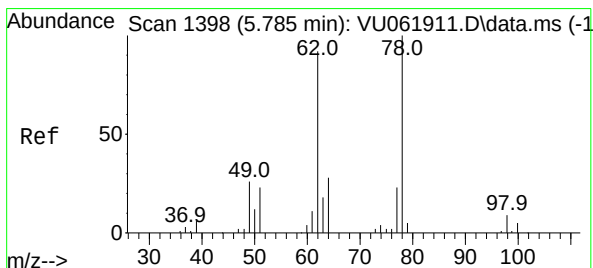
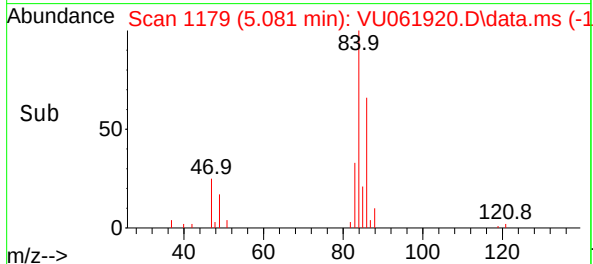
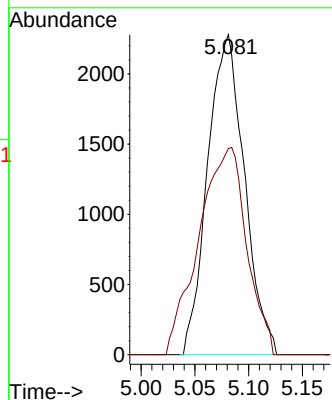
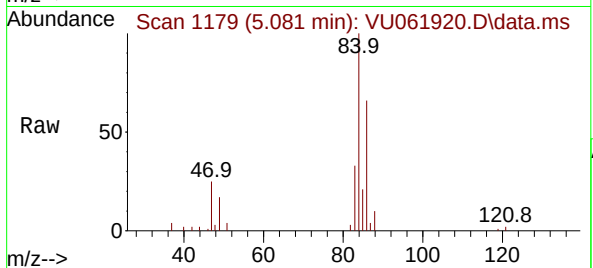
ClientSampleId :

Tgt Ion: 83 Resp: 5421

Ion Ratio Lower Upper

83 100

85 64.5 45.4 84.2



#27

1,2-Dichloroethane

Concen: 0.225 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.003 min

Lab File: VU061920.D

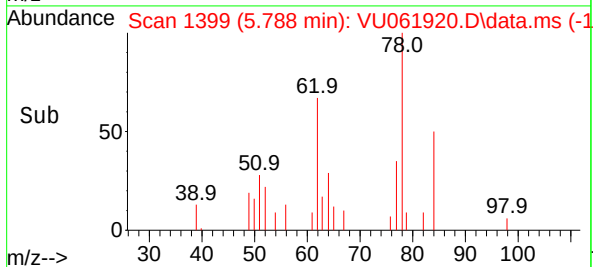
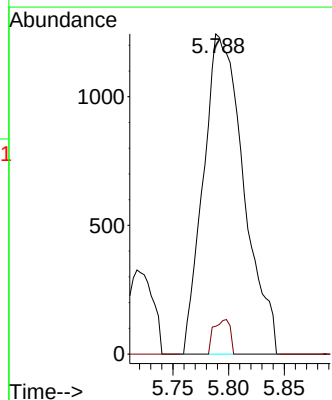
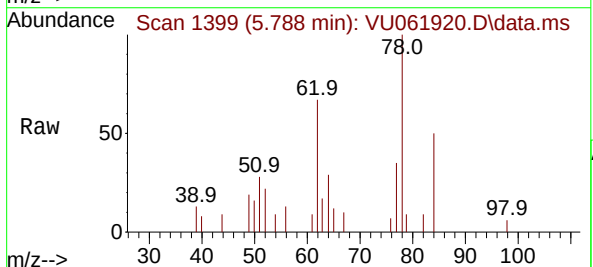
Acq: 21 Nov 2024 16:12

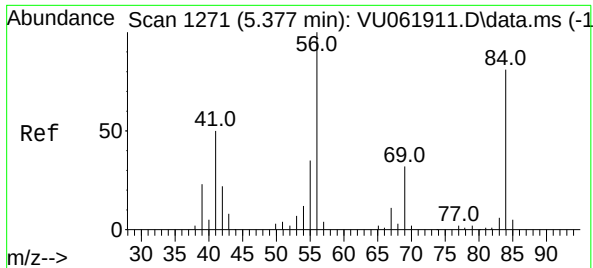
Tgt Ion: 62 Resp: 3132

Ion Ratio Lower Upper

62 100

98 8.7 7.4 11.0





#30

Cyclohexane

Concen: 0.227 ug/L

RT: 5.380 min Scan# 1271

Delta R.T. 0.003 min

Lab File: VU061920.D

Acq: 21 Nov 2024 16:12

Instrument :

MSVOA_U

ClientSampleId :

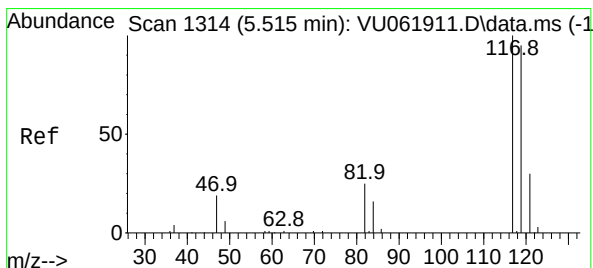
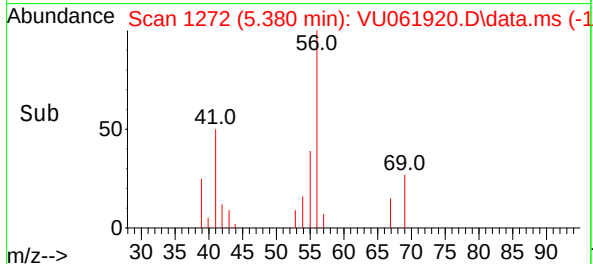
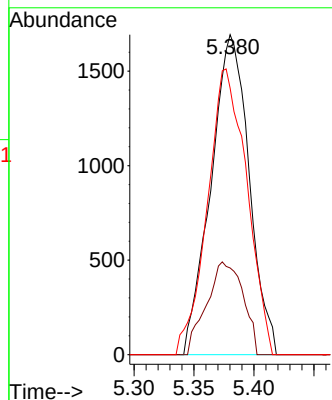
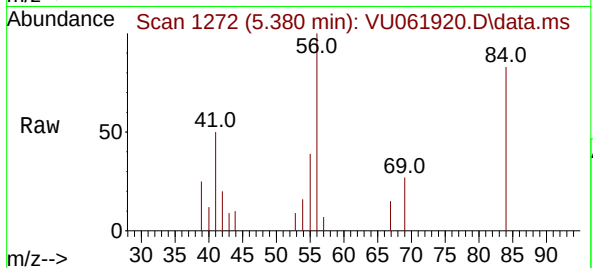
Tgt Ion: 56 Resp: 3749

Ion Ratio Lower Upper

56 100

69 27.6 25.1 37.7

84 91.8 70.6 105.8



#31

Carbon tetrachloride

Concen: 0.241 ug/L

RT: 5.515 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VU061920.D

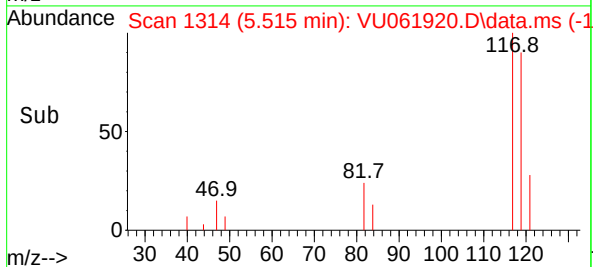
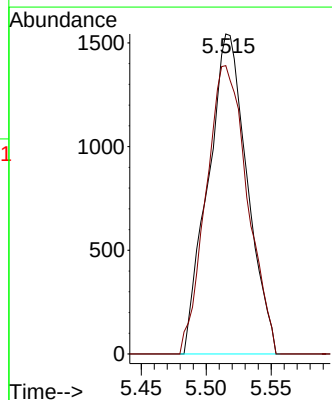
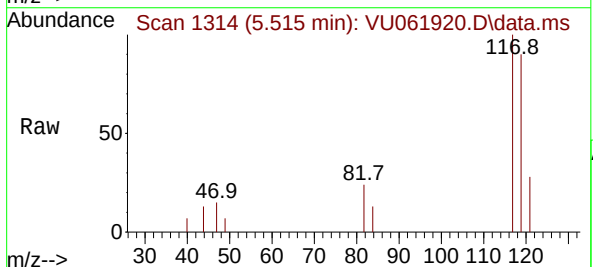
Acq: 21 Nov 2024 16:12

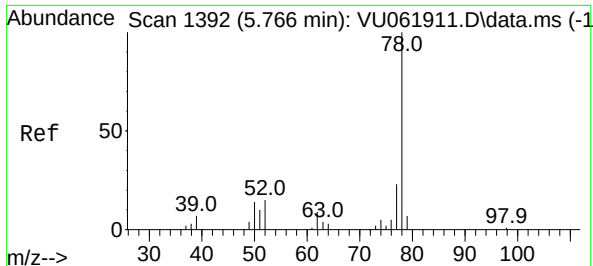
Tgt Ion: 117 Resp: 3229

Ion Ratio Lower Upper

117 100

119 95.4 77.5 116.3

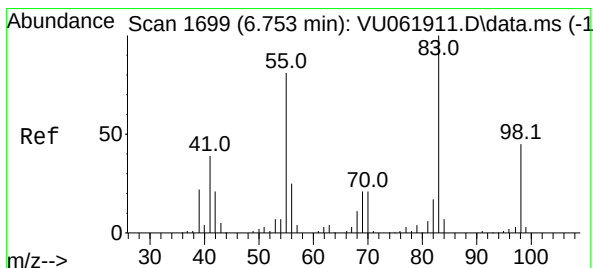
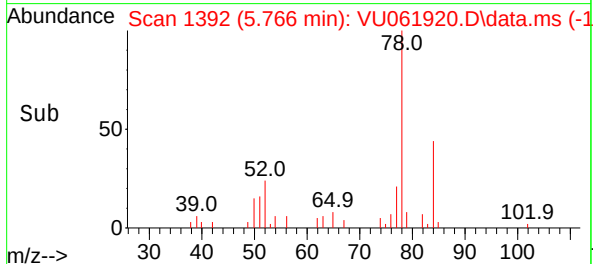
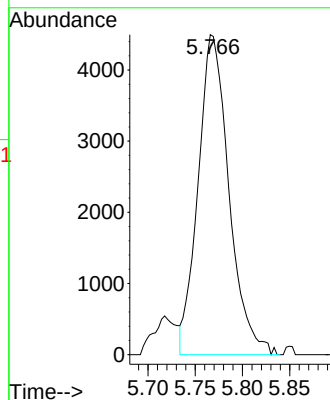
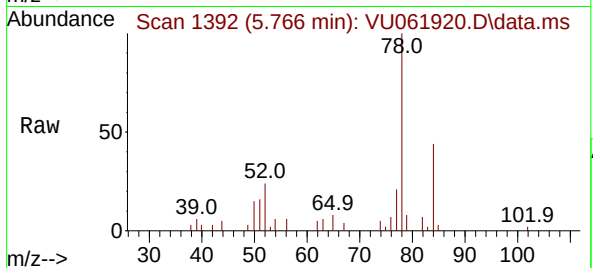




#33
Benzene
Concen: 0.247 ug/L
RT: 5.766 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU061920.D
Acq: 21 Nov 2024 16:12

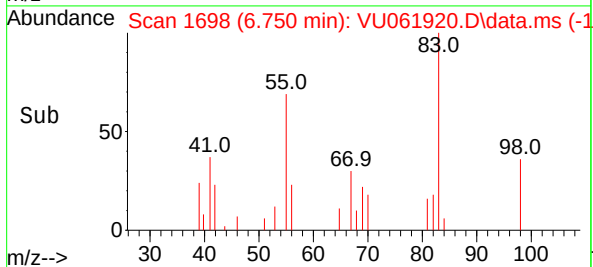
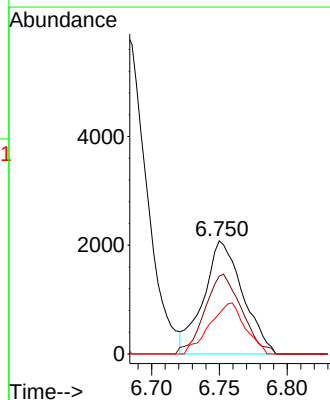
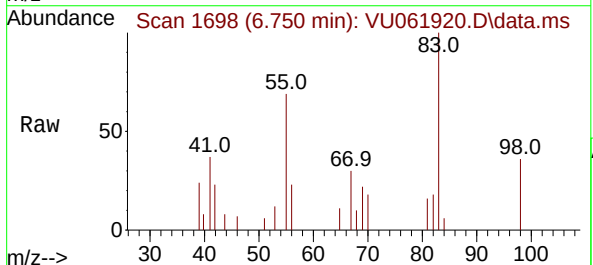
Instrument :
MSVOA_U
ClientSampleId :

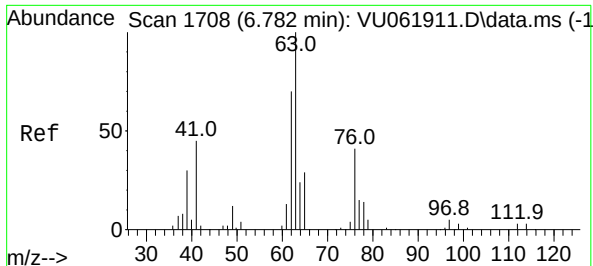
Tgt Ion: 78 Resp: 10214



#35
Methylcyclohexane
Concen: 0.247 ug/L
RT: 6.750 min Scan# 1698
Delta R.T. -0.003 min
Lab File: VU061920.D
Acq: 21 Nov 2024 16:12

Tgt Ion: 83 Resp: 4167
Ion Ratio Lower Upper
83 100
55 66.6 60.7 91.1
98 40.9 34.8 52.2

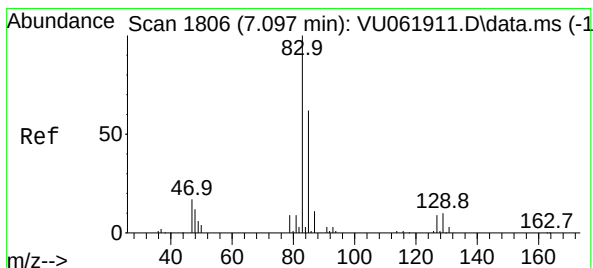
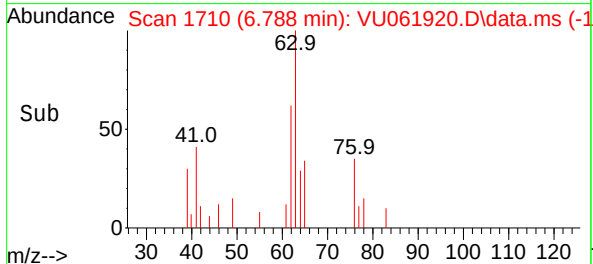
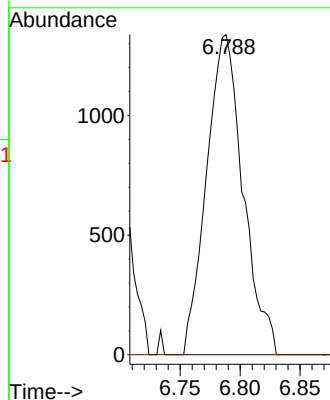
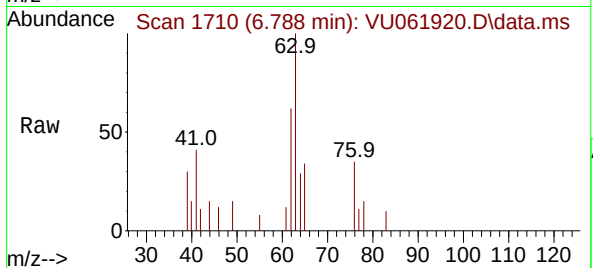




#37
1,2-Dichloropropane
Concen: 0.263 ug/L
RT: 6.788 min Scan# 1
Delta R.T. 0.007 min
Lab File: VU061920.D
Acq: 21 Nov 2024 16:12

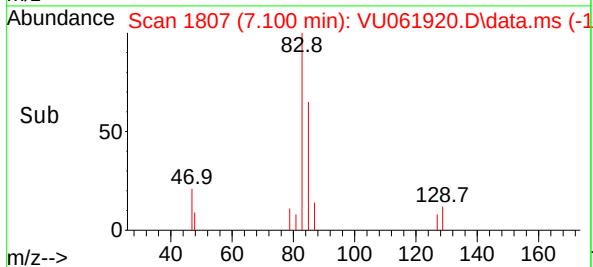
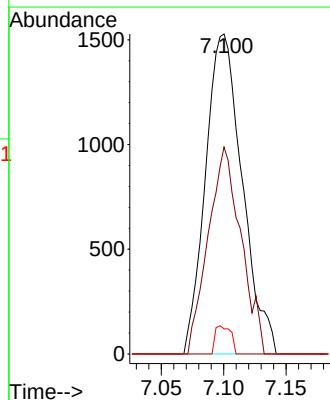
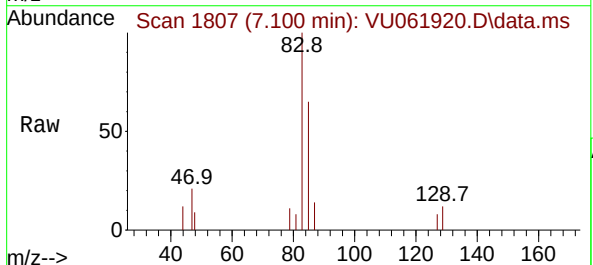
Instrument :
MSVOA_U
ClientSampleId :

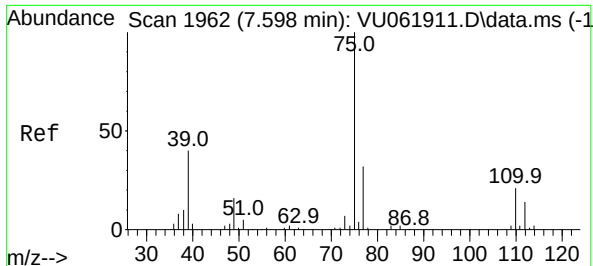
Tgt Ion: 63 Resp: 2830
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#38
Bromodichloromethane
Concen: 0.240 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VU061920.D
Acq: 21 Nov 2024 16:12

Tgt Ion: 83 Resp: 3129
Ion Ratio Lower Upper
83 100
85 64.7 44.1 81.9
127 7.9 6.9 10.3

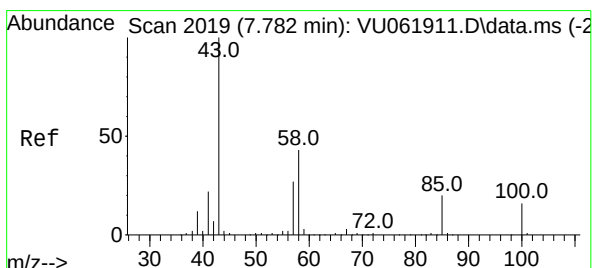
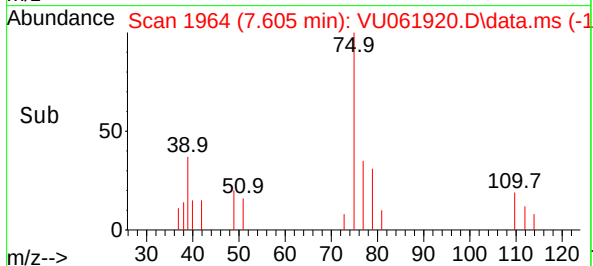
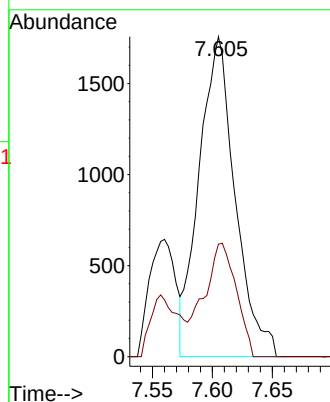
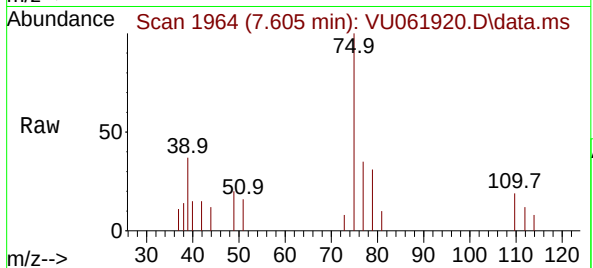




#39
 cis-1,3-Dichloropropene
 Concen: 0.243 ug/L
 RT: 7.605 min Scan# 1962
 Delta R.T. 0.007 min
 Lab File: VU061920.D
 Acq: 21 Nov 2024 16:12

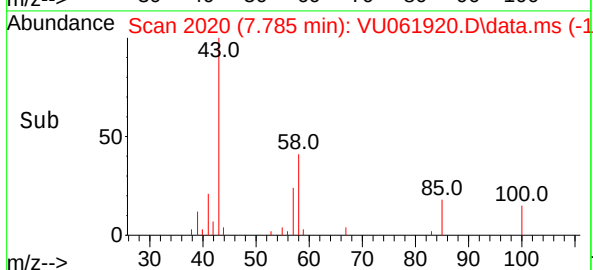
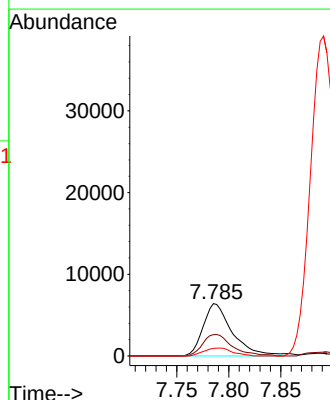
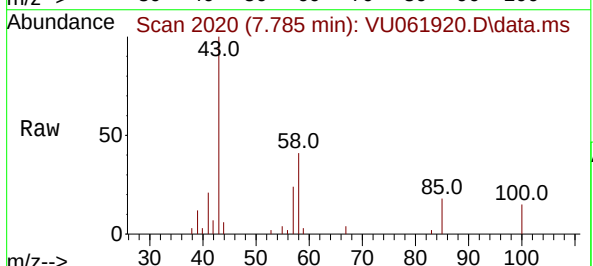
Instrument :
 MSVOA_U
 ClientSampleId :

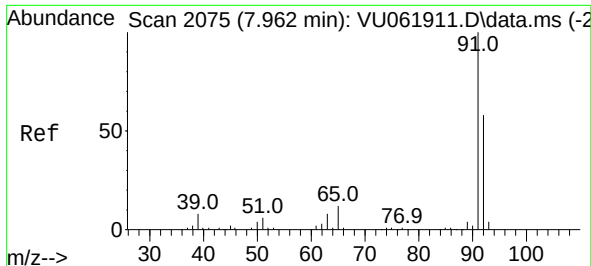
Tgt Ion: 75 Resp: 3665
 Ion Ratio Lower Upper
 75 100
 77 35.1 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 2.133 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. 0.003 min
 Lab File: VU061920.D
 Acq: 21 Nov 2024 16:12

Tgt Ion: 43 Resp: 12377
 Ion Ratio Lower Upper
 43 100
 58 41.6 33.3 49.9
 100 0.0 12.4 18.6#





#42

Toluene

Concen: 0.233 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU061920.D

Acq: 21 Nov 2024 16:12

Instrument :

MSVOA_U

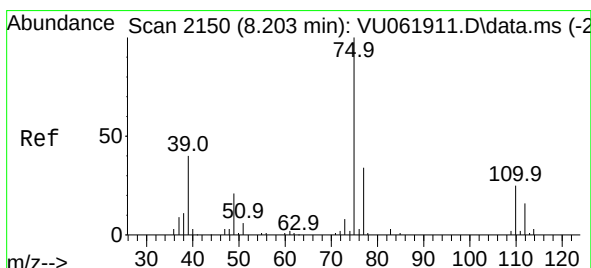
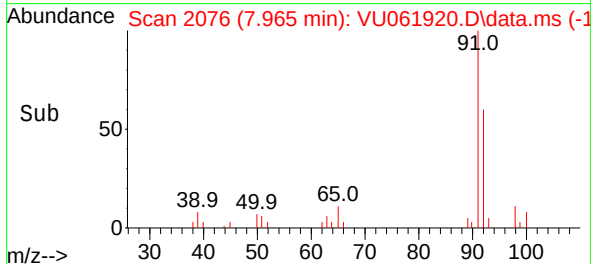
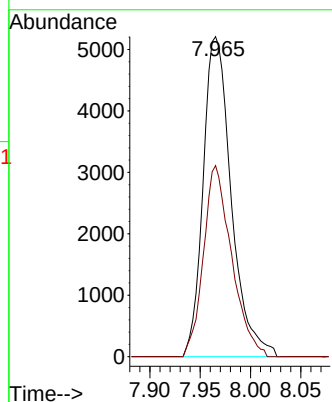
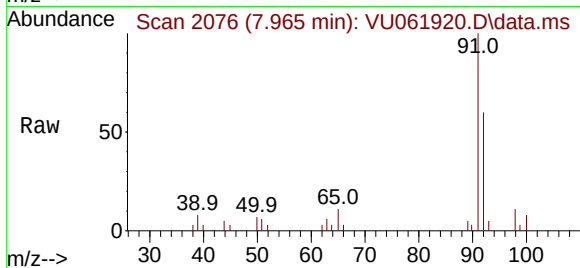
ClientSampleId :

Tgt Ion: 91 Resp: 10133

Ion Ratio Lower Upper

91 100

92 59.7 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 0.237 ug/L

RT: 8.210 min Scan# 2152

Delta R.T. 0.007 min

Lab File: VU061920.D

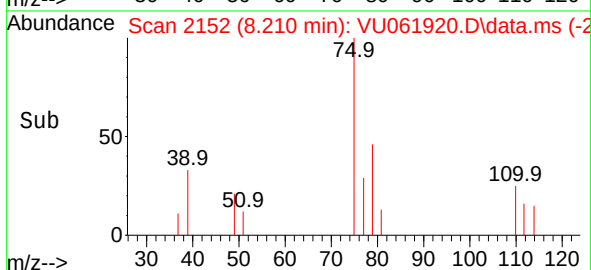
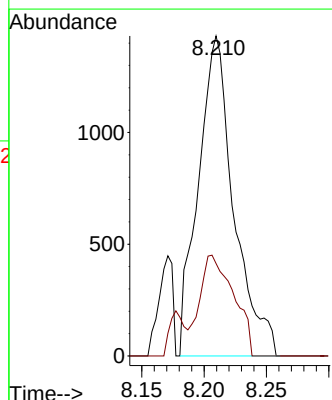
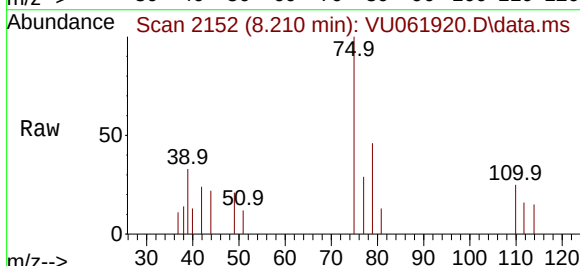
Acq: 21 Nov 2024 16:12

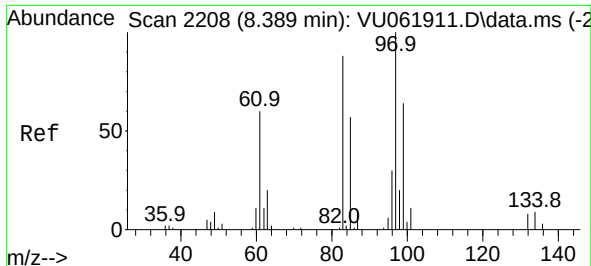
Tgt Ion: 75 Resp: 2842

Ion Ratio Lower Upper

75 100

77 28.9 21.8 40.4

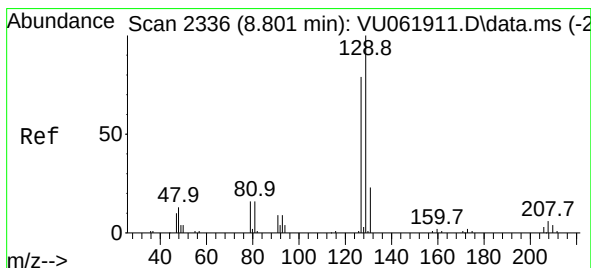
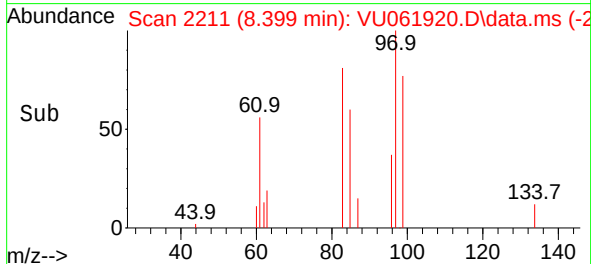
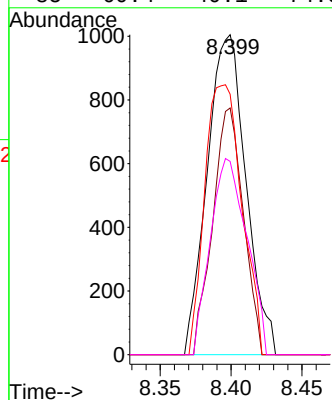
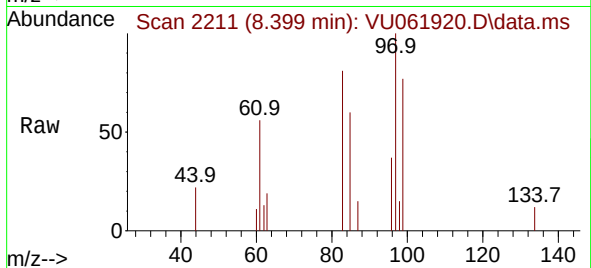




#45
1,1,2-Trichloroethane
Concen: 0.241 ug/L
RT: 8.399 min Scan# 2208
Delta R.T. 0.010 min
Lab File: VU061920.D
Acq: 21 Nov 2024 16:12

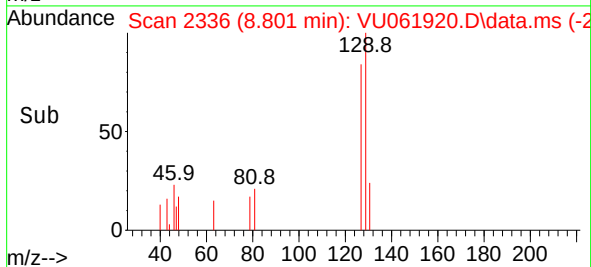
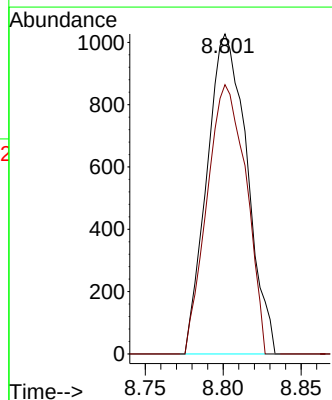
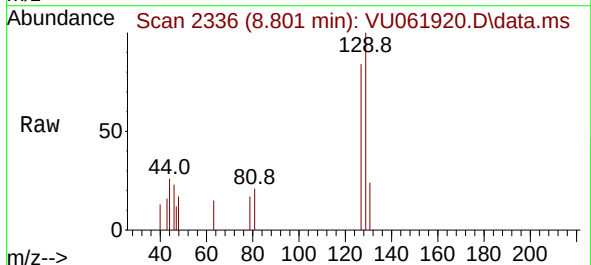
Instrument :
MSVOA_U
ClientSampleId :

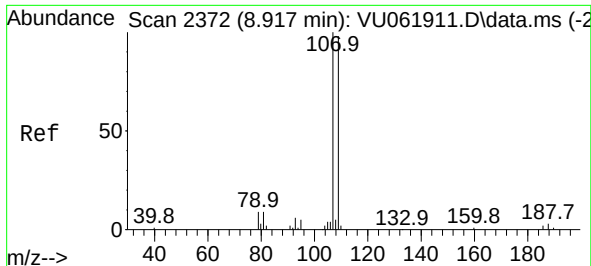
Tgt Ion: 97	Resp: 1913
Ion Ratio	Lower Upper
97 100	
99 77.1	43.0 79.8
83 81.4	61.7 114.5
85 60.4	40.1 74.5



#49
Dibromochloromethane
Concen: 0.219 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU061920.D
Acq: 21 Nov 2024 16:12

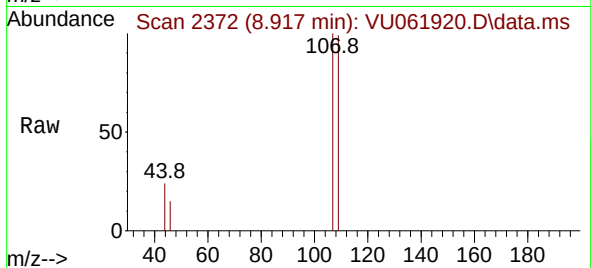
Tgt Ion:129	Resp: 1832		
Ion Ratio	Lower	Upper	
129 100			
127 84.1	51.1	94.9	



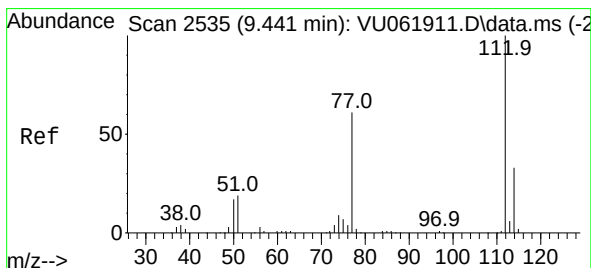
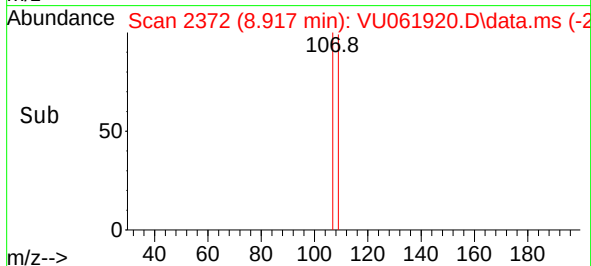
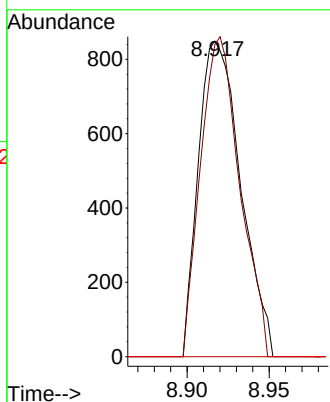


#50
1,2-Dibromoethane
Concen: 0.194 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU061920.D
Acq: 21 Nov 2024 16:12

Instrument :
MSVOA_U
ClientSampleId :

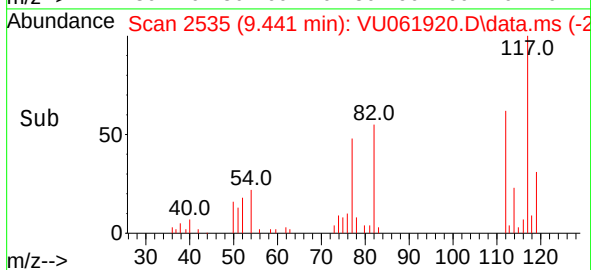
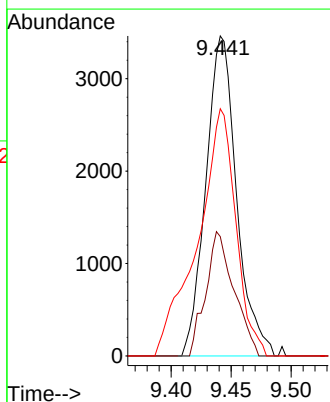
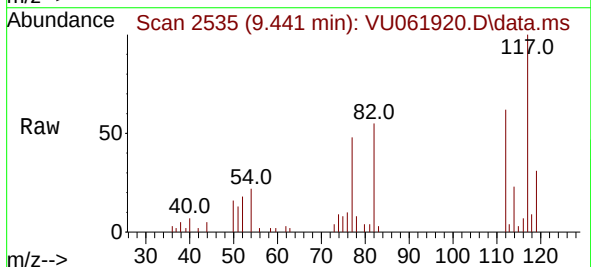


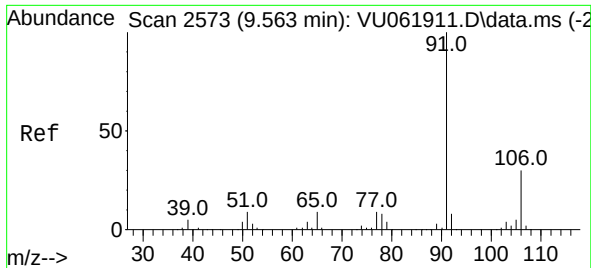
Tgt Ion:107 Resp: 1525
Ion Ratio Lower Upper
107 100
109 98.9 66.8 124.2
188 0.0 2.3 3.5#



#51
Chlorobenzene
Concen: 0.207 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU061920.D
Acq: 21 Nov 2024 16:12

Tgt Ion:112 Resp: 6171
Ion Ratio Lower Upper
112 100
114 35.1 23.0 42.6
77 72.7 50.5 75.7





#52

Ethylbenzene

Concen: 0.211 ug/L

RT: 9.566 min Scan# 2573

Delta R.T. 0.003 min

Lab File: VU061920.D

Acq: 21 Nov 2024 16:12

Instrument :

MSVOA_U

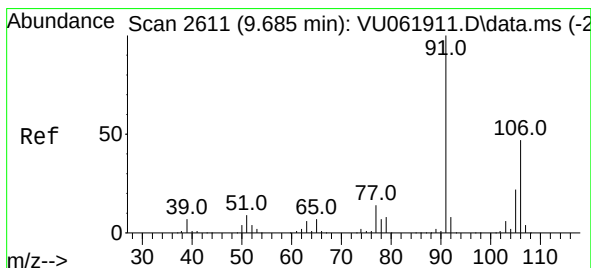
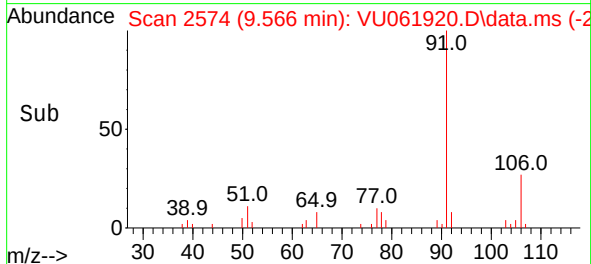
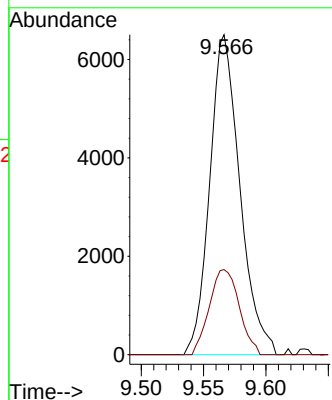
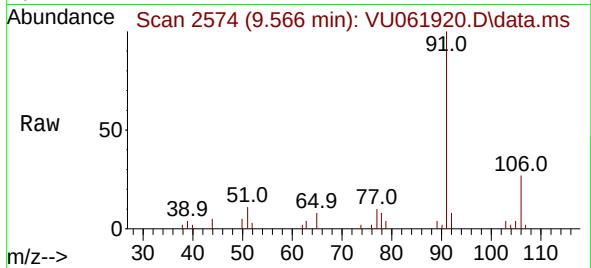
ClientSampleId :

Tgt Ion: 91 Resp: 10967

Ion Ratio Lower Upper

91 100

106 26.6 21.6 40.0



#53

m,p-Xylene

Concen: 0.221 ug/L

RT: 9.692 min Scan# 2613

Delta R.T. 0.007 min

Lab File: VU061920.D

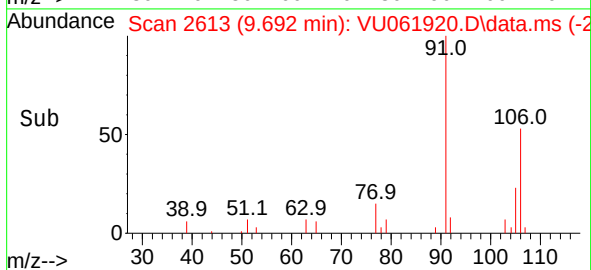
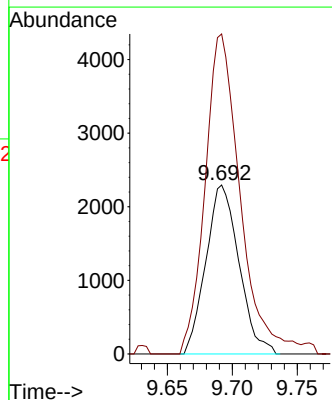
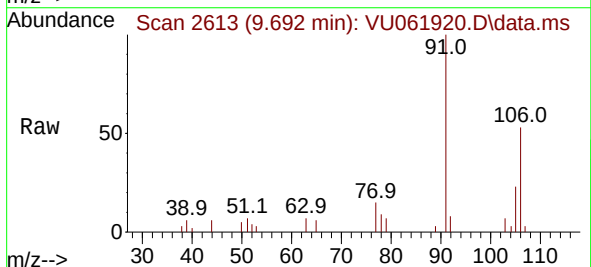
Acq: 21 Nov 2024 16:12

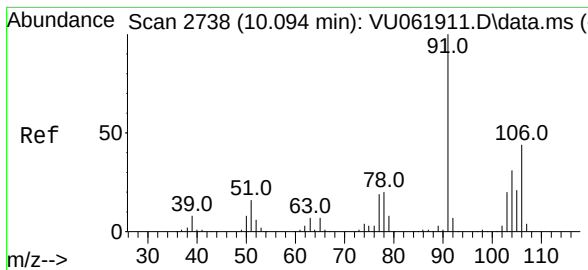
Tgt Ion:106 Resp: 4063

Ion Ratio Lower Upper

106 100

91 189.4 147.6 274.0





#54

o-Xylene

Concen: 0.201 ug/L

RT: 10.097 min Scan# 2738

Delta R.T. 0.003 min

Lab File: VU061920.D

Acq: 21 Nov 2024 16:12

Instrument :

MSVOA_U

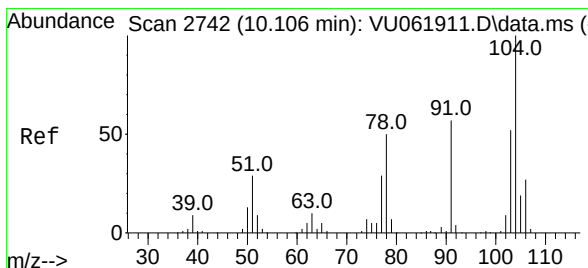
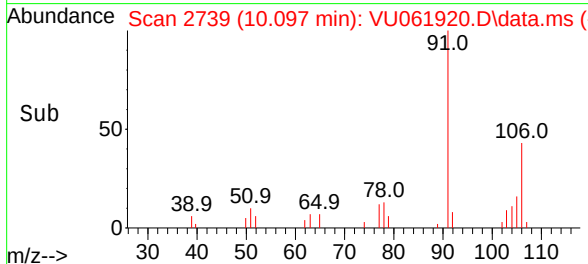
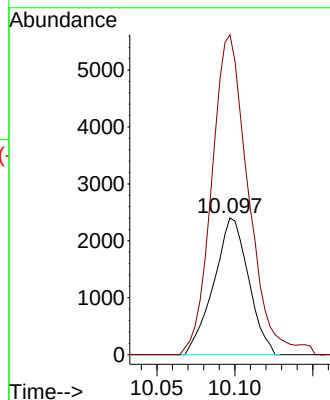
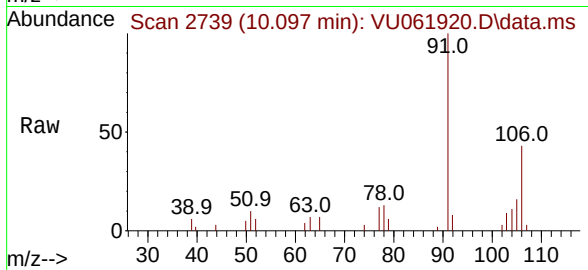
ClientSampleId :

Tgt Ion:106 Resp: 3721

Ion Ratio Lower Upper

106 100

91 233.9 159.8 296.8



#55

Styrene

Concen: 0.174 ug/L

RT: 10.116 min Scan# 2745

Delta R.T. 0.010 min

Lab File: VU061920.D

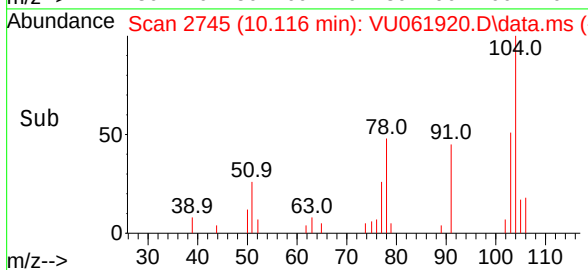
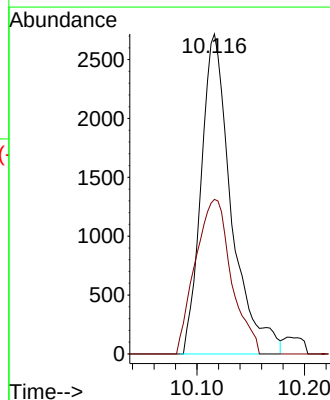
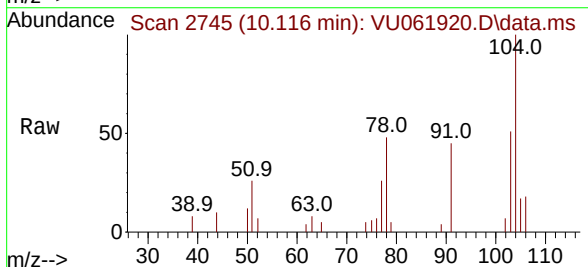
Acq: 21 Nov 2024 16:12

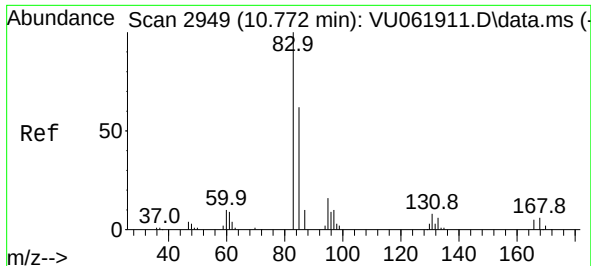
Tgt Ion:104 Resp: 5298

Ion Ratio Lower Upper

104 100

78 48.3 33.2 61.7





#57

1,1,2,2-Tetrachloroethane

Concen: 0.209 ug/L

RT: 10.779 min Scan# 2949

Delta R.T. 0.007 min

Lab File: VU061920.D

Acq: 21 Nov 2024 16:12

Instrument :

MSVOA_U

ClientSampleId :

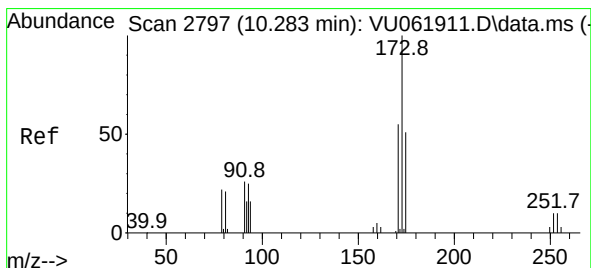
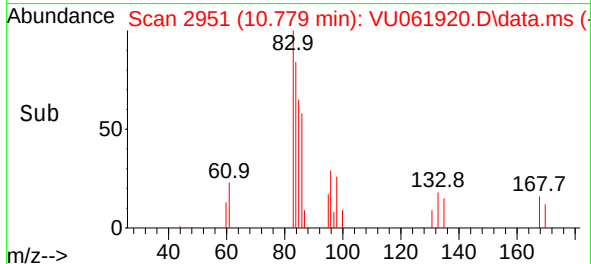
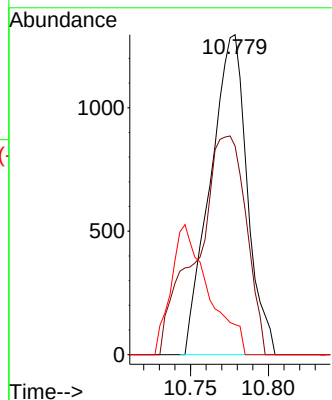
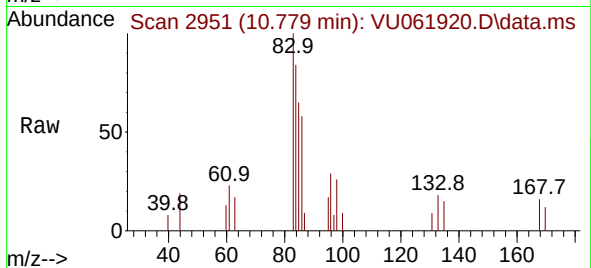
Tgt Ion: 83 Resp: 2122

Ion Ratio Lower Upper

83 100

85 65.2 44.4 82.4

131 9.4 7.3 10.9



#59

Bromoform

Concen: 0.229 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU061920.D

Acq: 21 Nov 2024 16:12

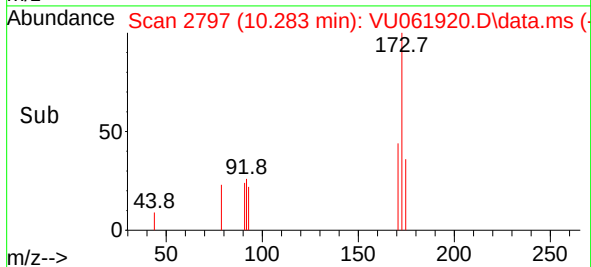
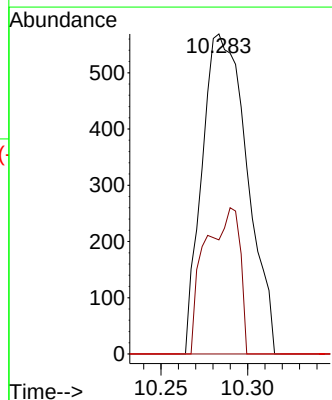
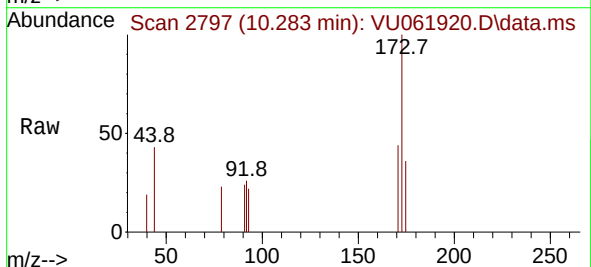
Tgt Ion: 173 Resp: 1031

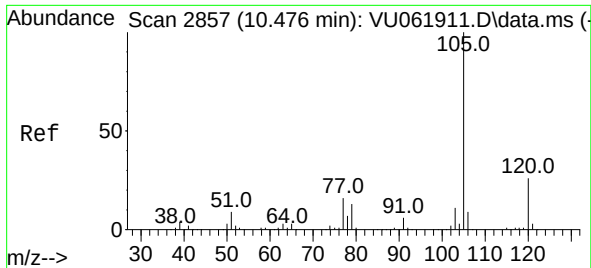
Ion Ratio Lower Upper

173 100

175 35.1 39.0 58.4#

254 0.0 7.4 11.0#

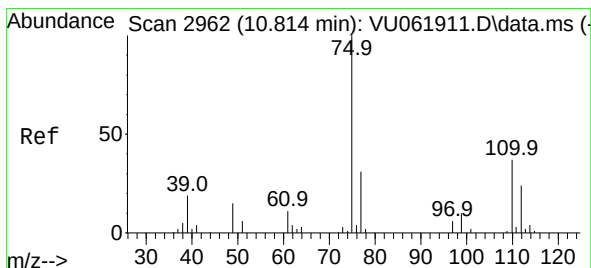
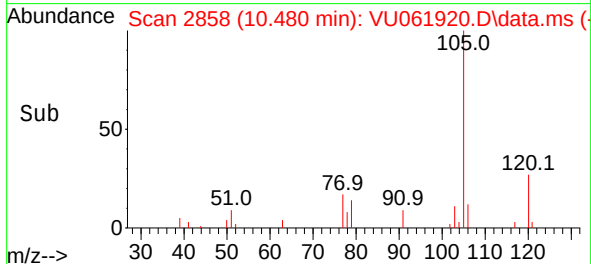
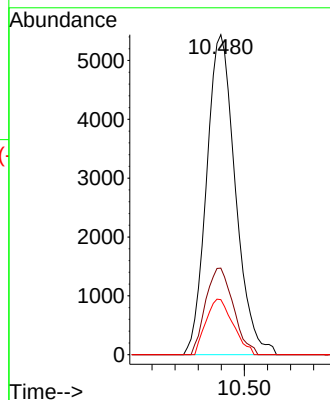
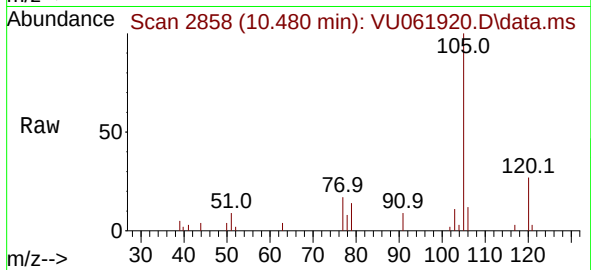




#60
Isopropylbenzene
Concen: 0.199 ug/L
RT: 10.480 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU061920.D
Acq: 21 Nov 2024 16:12

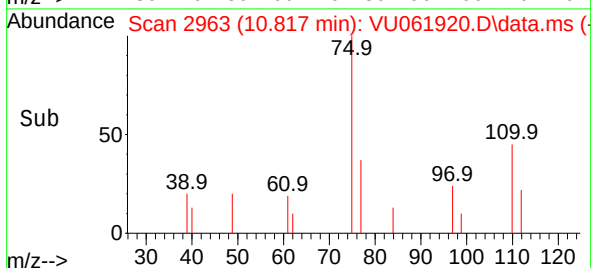
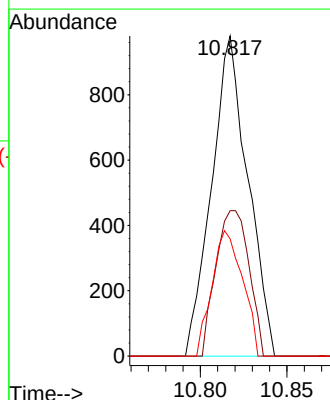
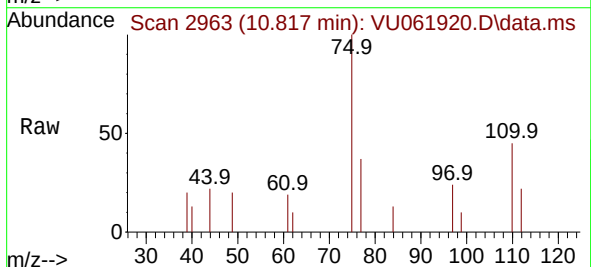
Instrument :
MSVOA_U
ClientSampleId :

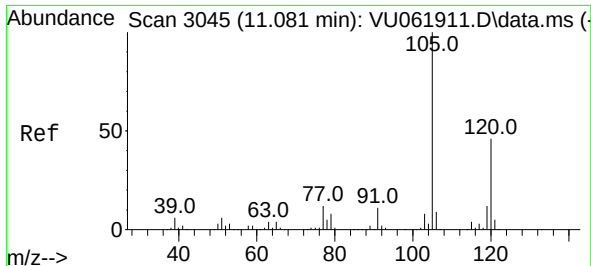
Tgt Ion:105 Resp: 9396
Ion Ratio Lower Upper
105 100
120 26.1 20.6 31.0
77 16.3 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 0.204 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. 0.003 min
Lab File: VU061920.D
Acq: 21 Nov 2024 16:12

Tgt Ion: 75 Resp: 1426
Ion Ratio Lower Upper
75 100
110 41.5 28.9 43.3
77 33.0 26.5 39.7





#62

1,3,5-Trimethylbenzene

Concen: 0.201 ug/L

RT: 11.084 min Scan# 3045

Delta R.T. 0.003 min

Lab File: VU061920.D

Acq: 21 Nov 2024 16:12

Instrument :

MSVOA_U

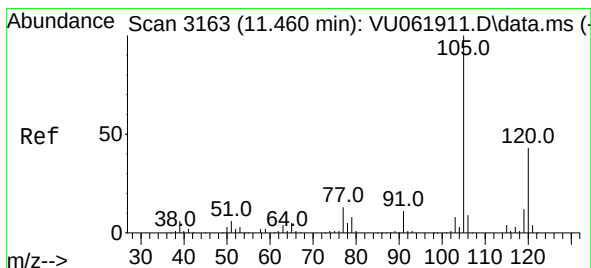
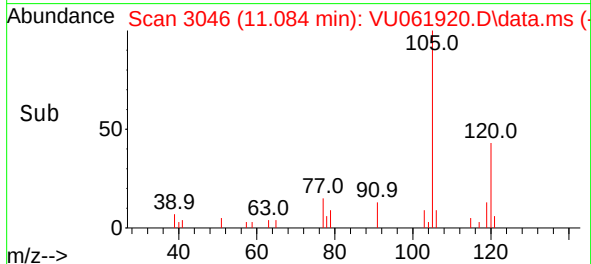
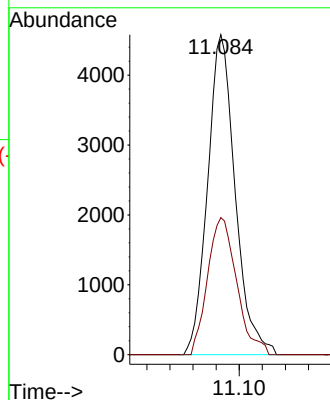
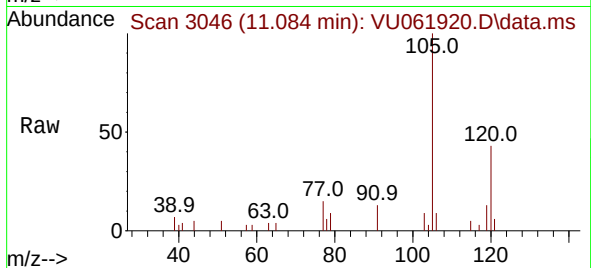
ClientSampleId :

Tgt Ion:105 Resp: 7588

Ion Ratio Lower Upper

105 100

120 45.2 36.7 55.1



#63

1,2,4-Trimethylbenzene

Concen: 0.191 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.003 min

Lab File: VU061920.D

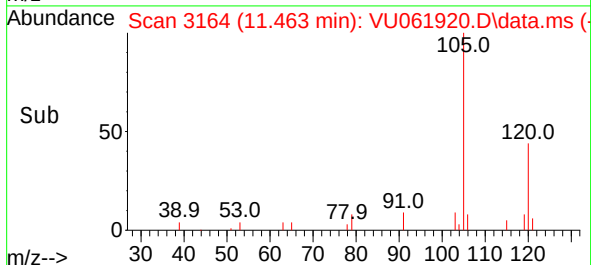
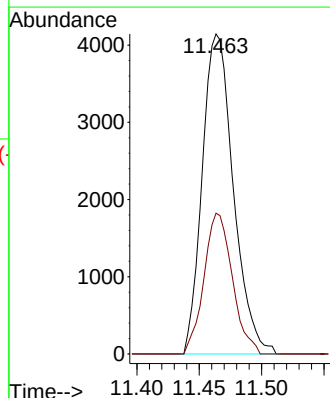
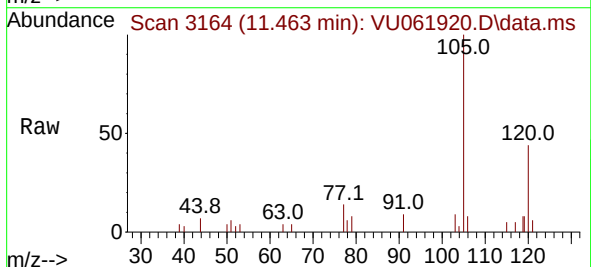
Acq: 21 Nov 2024 16:12

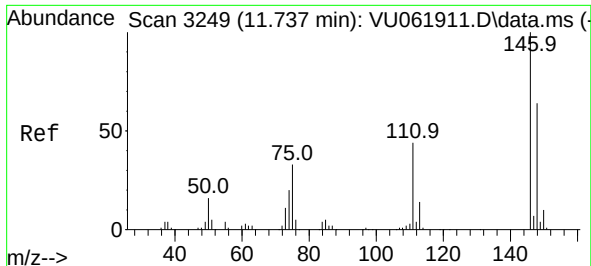
Tgt Ion:105 Resp: 7194

Ion Ratio Lower Upper

105 100

120 40.1 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 0.204 ug/L

RT: 11.746 min Scan# 3249

Delta R.T. 0.010 min

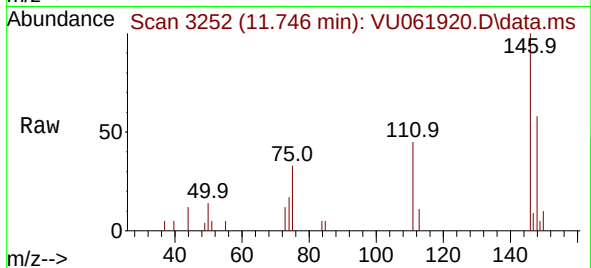
Lab File: VU061920.D

Acq: 21 Nov 2024 16:12

Instrument :

MSVOA_U

ClientSampleId :



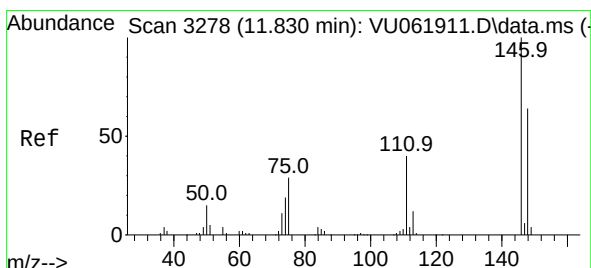
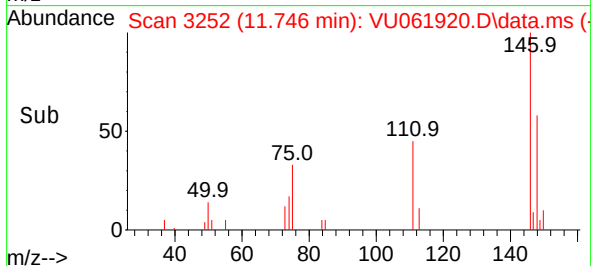
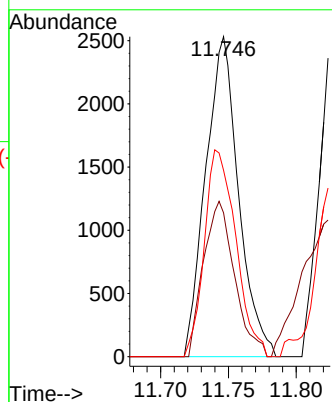
Tgt Ion:146 Resp: 4270

Ion Ratio Lower Upper

146 100

111 44.9 30.7 57.1

148 58.3 45.1 83.7



#65

1,4-Dichlorobenzene

Concen: 0.234 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VU061920.D

Acq: 21 Nov 2024 16:12

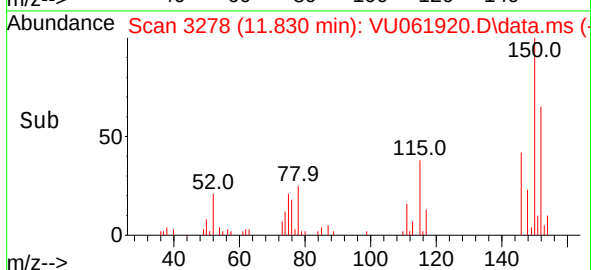
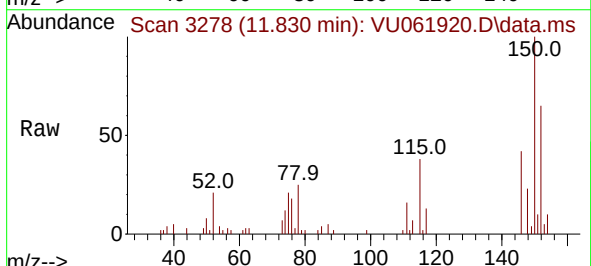
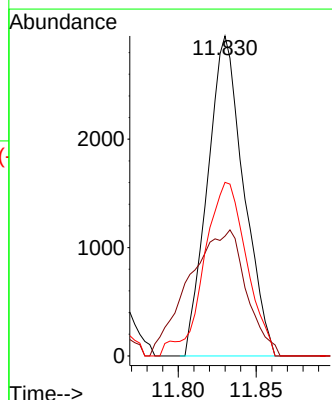
Tgt Ion:146 Resp: 4756

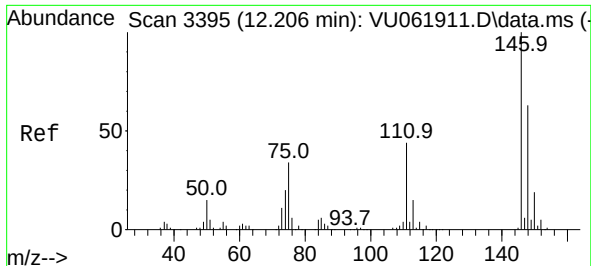
Ion Ratio Lower Upper

146 100

111 37.4 29.3 54.3

148 54.2 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 0.236 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. -0.003 min

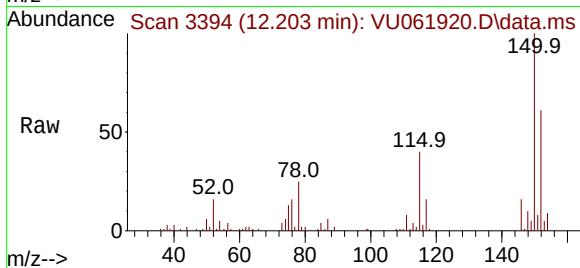
Lab File: VU061920.D

Acq: 21 Nov 2024 16:12

Instrument :

MSVOA_U

ClientSampleId :



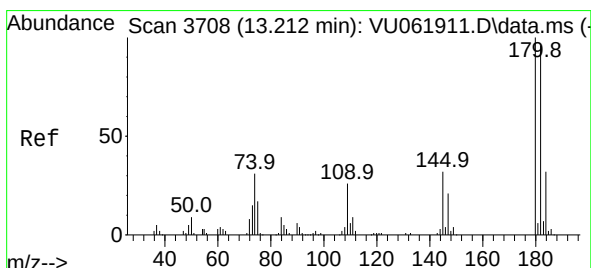
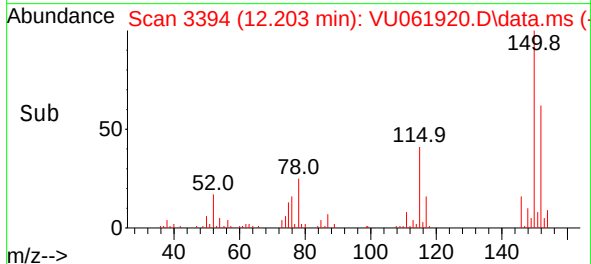
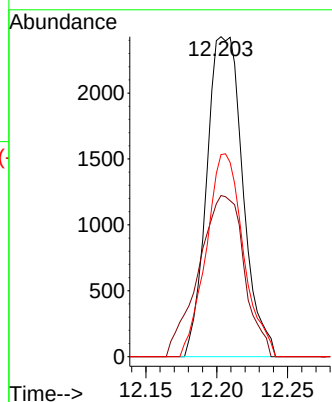
Tgt Ion:146 Resp: 4305

Ion Ratio Lower Upper

146 100

111 50.4 36.0 54.0

148 63.1 52.3 78.5



#69

1,3,5-Trichlorobenzene

Concen: 0.232 ug/L

RT: 13.219 min Scan# 3710

Delta R.T. 0.007 min

Lab File: VU061920.D

Acq: 21 Nov 2024 16:12

Tgt Ion:180 Resp: 2892

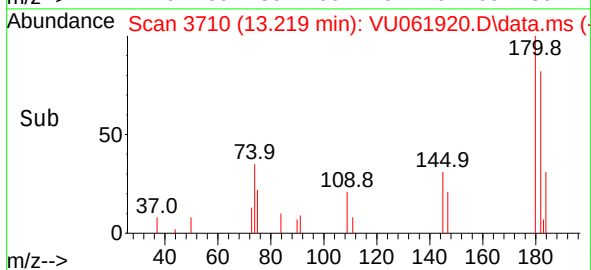
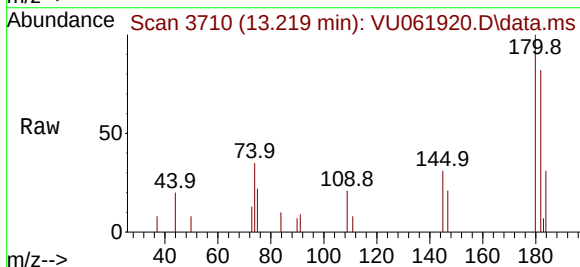
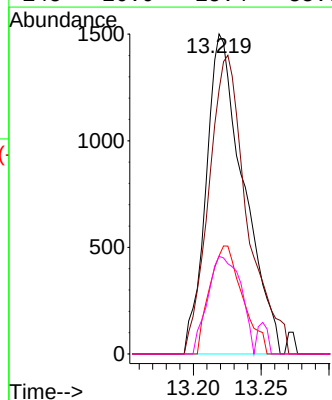
Ion Ratio Lower Upper

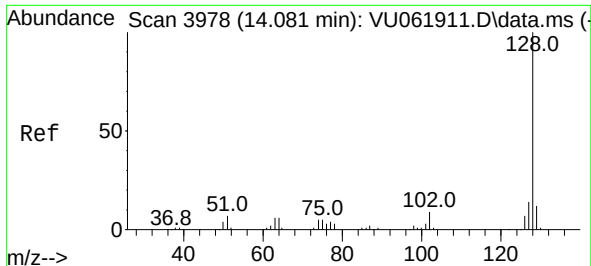
180 100

182 94.9 76.7 115.1

184 29.4 24.8 37.2

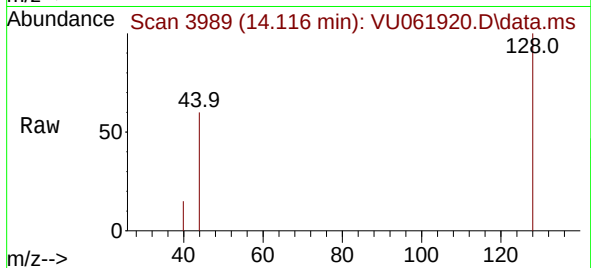
145 26.9 25.4 38.0



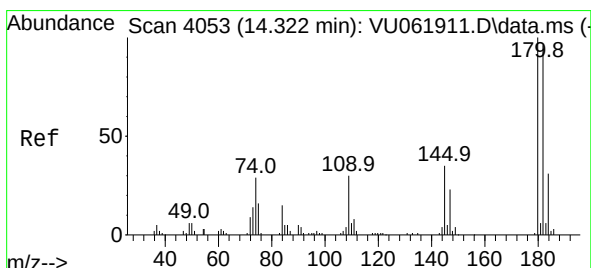
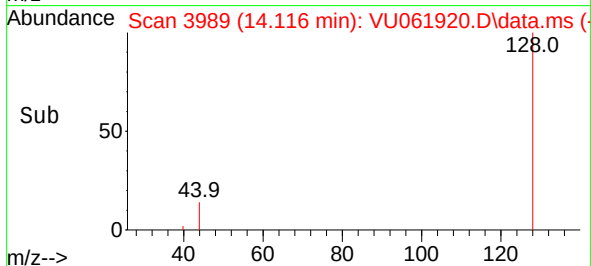
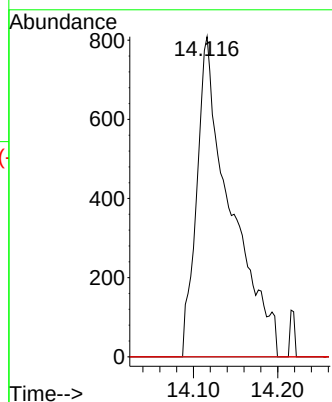


#71
Naphthalene
Concen: 0.146 ug/L
RT: 14.116 min Scan# 3978
Delta R.T. 0.035 min
Lab File: VU061920.D
Acq: 21 Nov 2024 16:12

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 2249
Ion Ratio Lower Upper
128 100
129 0.0 8.5 12.7#
127 0.0 10.2 15.4#



#72
1,2,3-Trichlorobenzene
Concen: 0.210 ug/L
RT: 14.335 min Scan# 4057
Delta R.T. 0.013 min
Lab File: VU061920.D
Acq: 21 Nov 2024 16:12

Tgt Ion:180 Resp: 1728
Ion Ratio Lower Upper
180 100
182 46.9 76.1 114.1#
145 13.7 27.4 41.0#

