

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102324\
 Data File : VU061189.D
 Acq On : 23 Oct 2024 09:59
 Operator : MD/SY
 Sample : VSTD001
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 24 01:13:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 24 01:12:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	184023	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	166743	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	76614	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	12059	0.965	ug/L	0.00
7) Chloroethane-d5	1.907	69	10528	0.919	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	5373	1.005	ug/L	0.00
20) 2-Butanone-d5	4.644	46	21623	8.623	ug/L	0.02
24) Chloroform-d	5.055	84	21260	0.896	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.698	65	10982	0.929	ug/L	0.00
32) Benzene-d6	5.721	84	42338	0.901	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	12770	0.904	ug/L	0.00
41) Toluene-d8	7.891	98	39484	0.899	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.177	79	5060	0.878	ug/L	0.00
46) 2-Hexanone-d5	8.631	63	19834	8.399	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	9555	0.895	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	11954	0.881	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	12882	1.050	ug/L	98
3) Chloromethane	1.515	50	13748	1.063	ug/L	98
5) Vinyl chloride	1.599	62	15147	1.065	ug/L	99
6) Bromomethane	1.853	94	9566	1.015	ug/L	99
8) Chloroethane	1.930	64	10445	0.997	ug/L	93
9) Trichlorofluoromethane	2.133	101	19950	1.033	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	12139	1.058	ug/L	96
12) 1,1-Dichloroethene	2.573	96	11305	1.039	ug/L	96
13) Acetone	2.644	43	17392	10.819	ug/L	93
14) Carbon disulfide	2.785	76	36952	1.018	ug/L	99
15) Methyl Acetate	2.965	43	4066	1.021	ug/L #	83
16) Methylene chloride	3.036	84	13368	1.043	ug/L	96
17) Methyl tert-butyl Ether	3.354	73	29894	1.014	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	12229	1.016	ug/L	99
19) 1,1-Dichloroethane	3.862	63	22341	0.985	ug/L	96
21) 2-Butanone	4.718	43	22642	9.076	ug/L	99
22) cis-1,2-Dichloroethene	4.663	96	13920	1.013	ug/L	98
23) Bromochloromethane	4.968	128	5745	0.994	ug/L	96
25) Chloroform	5.081	83	24107	1.010	ug/L	98
27) 1,2-Dichloroethane	5.788	62	15341	1.018	ug/L	97
29) 1,1,1-Trichloroethane	5.306	97	20964	1.027	ug/L	99
30) Cyclohexane	5.377	56	21112	1.031	ug/L	98
31) Carbon tetrachloride	5.515	117	16921	0.968	ug/L	95
33) Benzene	5.766	78	51406	0.997	ug/L	100
34) Trichloroethene	6.537	95	14330	1.022	ug/L	97
35) Methylcyclohexane	6.756	83	23060	1.033	ug/L	98
37) 1,2-Dichloropropane	6.785	63	13228	1.012	ug/L #	96
38) Bromodichloromethane	7.100	83	16210	0.980	ug/L	96
39) cis-1,3-Dichloropropene	7.605	75	18545	0.919	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	65376	10.049	ug/L	99
42) Toluene	7.962	91	55606	0.993	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	15329	0.932	ug/L	98

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

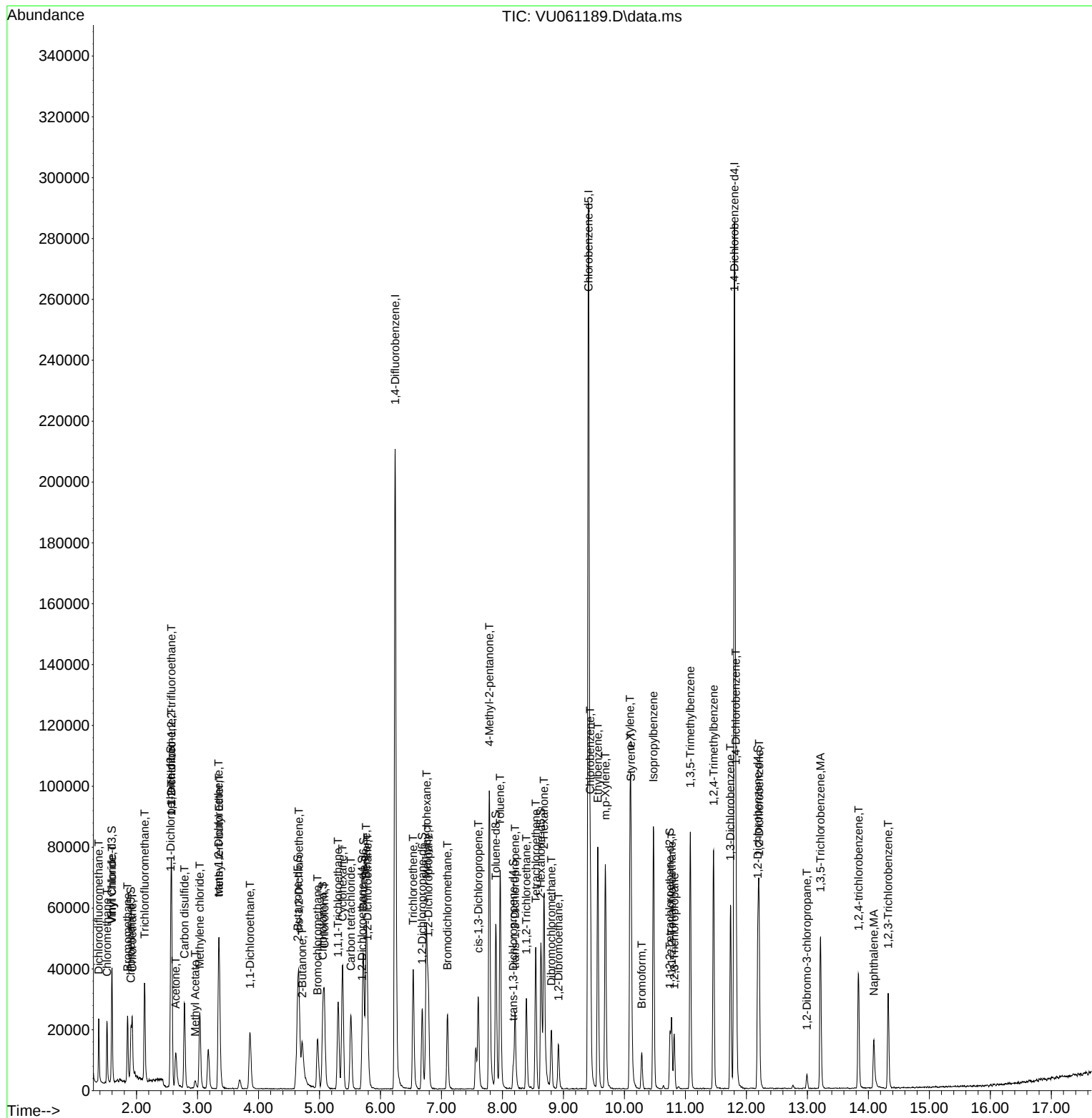
45) 1,1,2-Trichloroethane	8.393	97	9655	1.026	ug/L	98
47) Tetrachloroethene	8.547	164	9865	1.007	ug/L	98
48) 2-Hexanone	8.682	43	44033	9.572	ug/L	97
49) Dibromochloromethane	8.801	129	10269	0.963	ug/L	96
50) 1,2-Dibromoethane	8.920	107	9193	1.006	ug/L	100
51) Chlorobenzene	9.441	112	36071	1.019	ug/L	99
52) Ethylbenzene	9.563	91	60335	0.979	ug/L	97
53) m,p-Xylene	9.688	106	22939	0.978	ug/L	98
54) o-Xylene	10.094	106	22926	0.990	ug/L	100
55) Styrene	10.110	104	35185	0.948	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	11047	0.975	ug/L	94
59) Bromoform	10.283	173	5655	0.997	ug/L #	96
60) Isopropylbenzene	10.476	105	58214	0.995	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	7920	1.038	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	47062	0.988	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	46446	0.986	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	24543	0.996	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	25640	1.021	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	23537	1.015	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	1587	0.990	ug/L #	75
69) 1,3,5-Trichlorobenzene	13.216	180	16027	0.949	ug/L	96
70) 1,2,4-trichlorobenzene	13.839	180	12595	0.924	ug/L	100
71) Naphthalene	14.090	128	18160	0.855	ug/L	97
72) 1,2,3-Trichlorobenzene	14.325	180	10430	0.915	ug/L	99

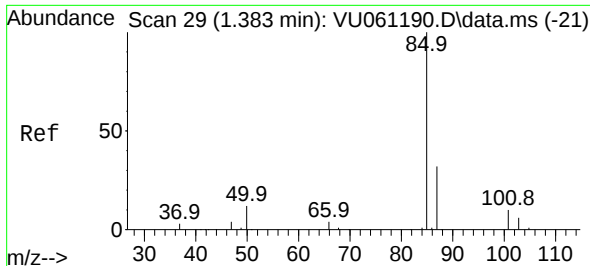
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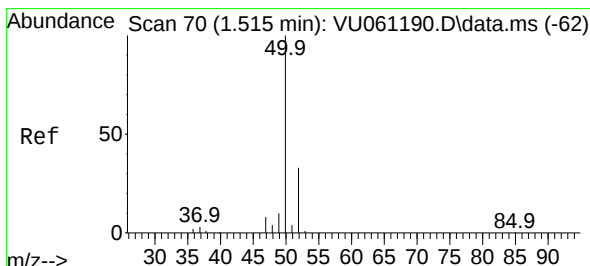
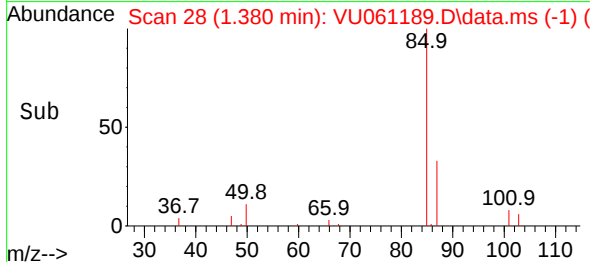
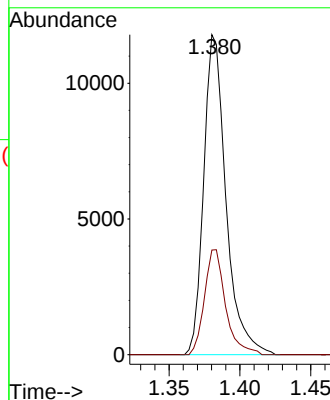
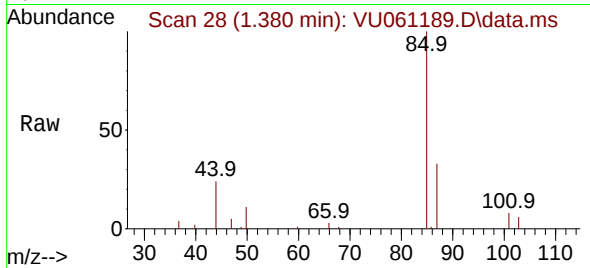




#2
 Dichlorodifluoromethane
 Concen: 1.050 ug/L
 RT: 1.380 min Scan# 29
 Delta R.T. -0.003 min
 Lab File: VU061189.D
 Acq: 23 Oct 2024 09:59

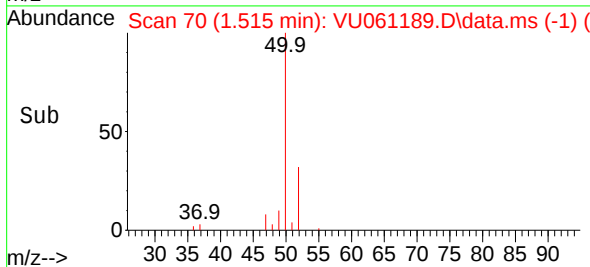
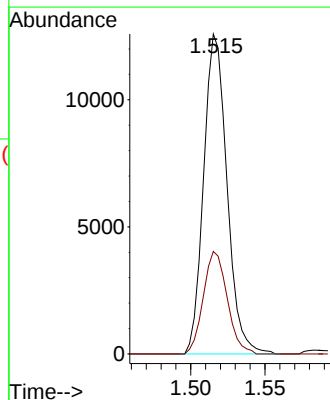
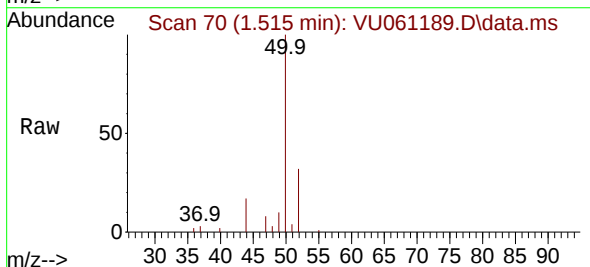
Instrument :
 MSVOA_U
 ClientSampleId :

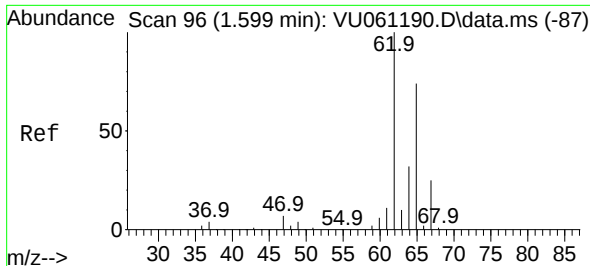
Tgt Ion: 85 Resp: 12882
 Ion Ratio Lower Upper
 85 100
 87 31.1 25.7 38.5



#3
 Chloromethane
 Concen: 1.063 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VU061189.D
 Acq: 23 Oct 2024 09:59

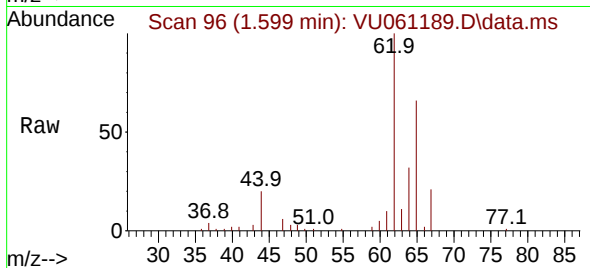
Tgt Ion: 50 Resp: 13748
 Ion Ratio Lower Upper
 50 100
 52 32.0 23.4 43.4



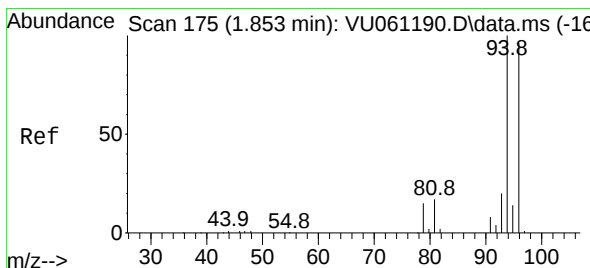
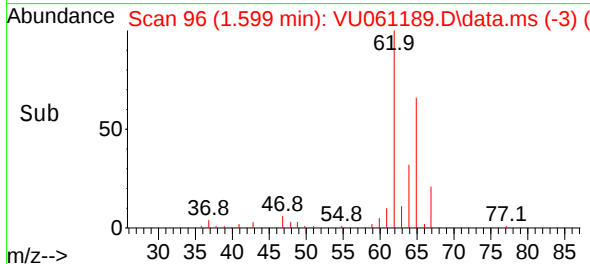
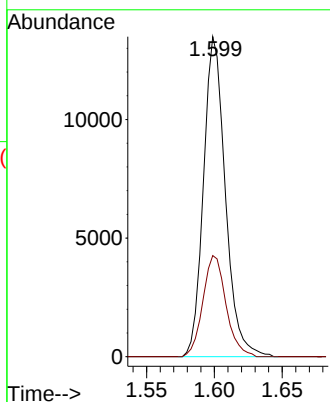


#5
 Vinyl chloride
 Concen: 1.065 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: VU061189.D
 Acq: 23 Oct 2024 09:59

Instrument :
 MSVOA_U
 ClientSampleId :

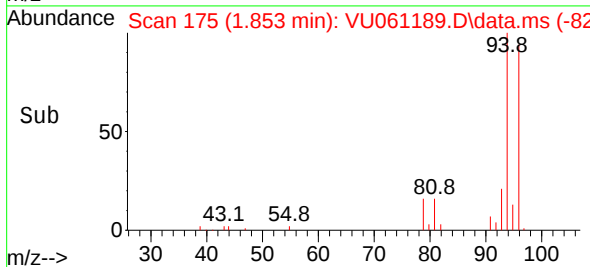
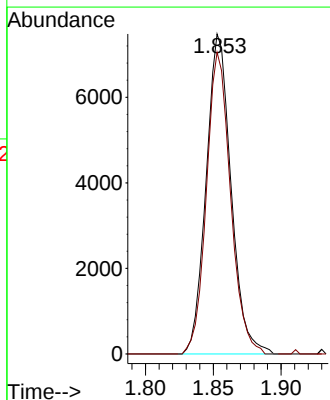
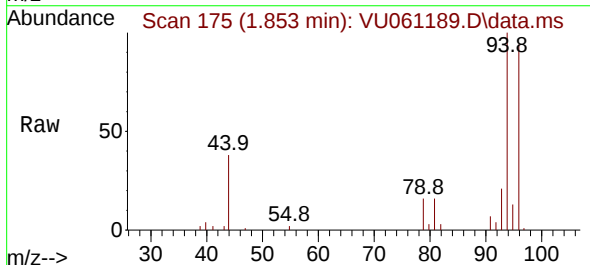


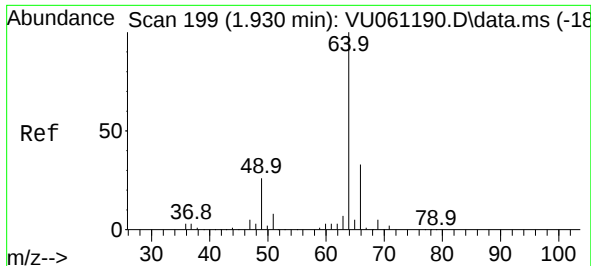
Tgt Ion: 62 Resp: 15147
 Ion Ratio Lower Upper
 62 100
 64 31.6 22.6 42.0



#6
 Bromomethane
 Concen: 1.015 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.000 min
 Lab File: VU061189.D
 Acq: 23 Oct 2024 09:59

Tgt Ion: 94 Resp: 9566
 Ion Ratio Lower Upper
 94 100
 96 94.3 66.9 124.3

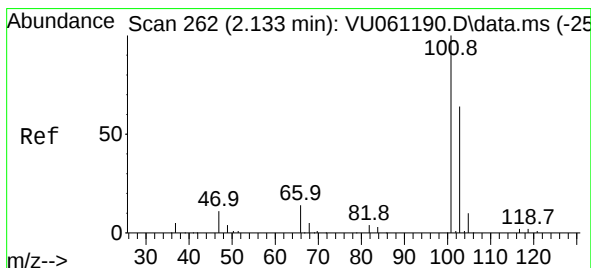
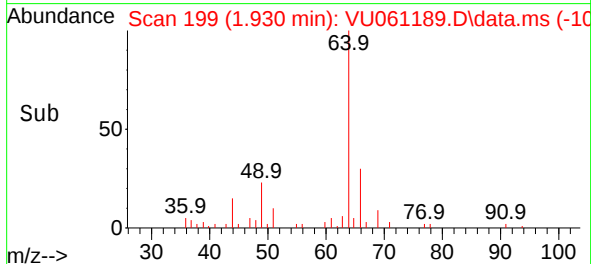
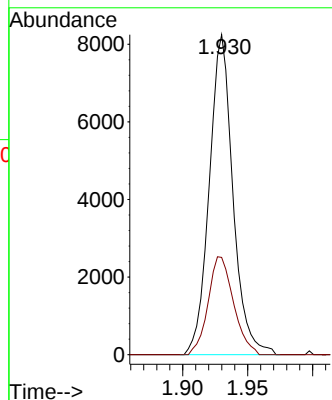
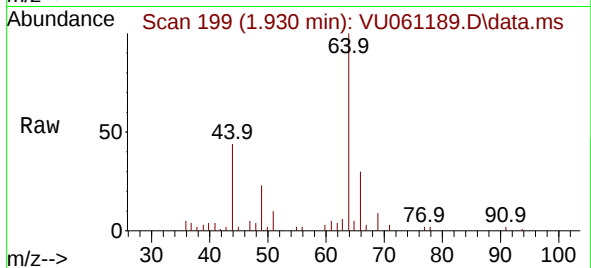




#8
Chloroethane
Concen: 0.997 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU061189.D
Acq: 23 Oct 2024 09:59

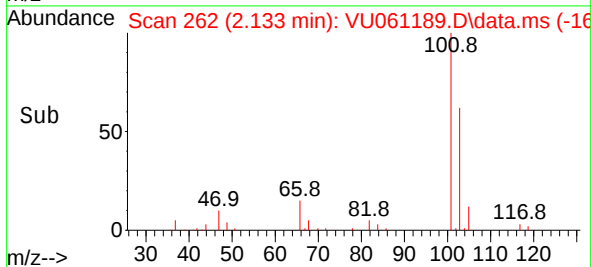
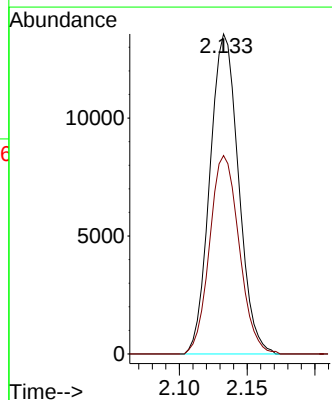
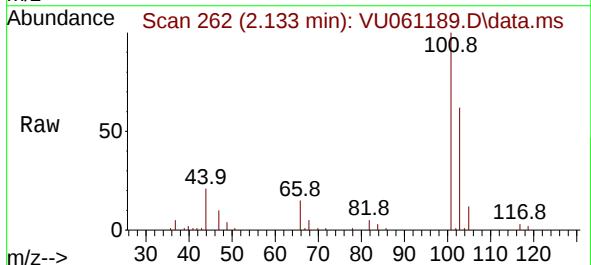
Instrument :
MSVOA_U
ClientSampleId :

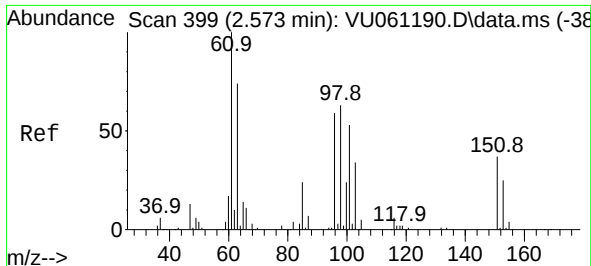
Tgt Ion: 64 Resp: 10445
Ion Ratio Lower Upper
64 100
66 29.1 23.1 42.9



#9
Trichlorofluoromethane
Concen: 1.033 ug/L
RT: 2.133 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU061189.D
Acq: 23 Oct 2024 09:59

Tgt Ion:101 Resp: 19950
Ion Ratio Lower Upper
101 100
103 63.9 50.6 75.8

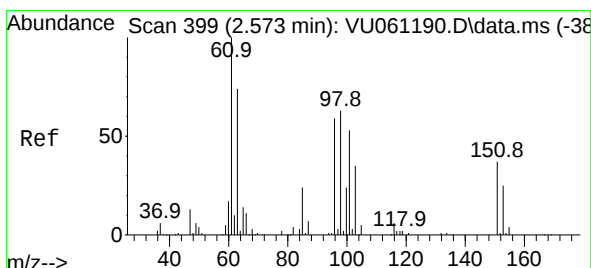
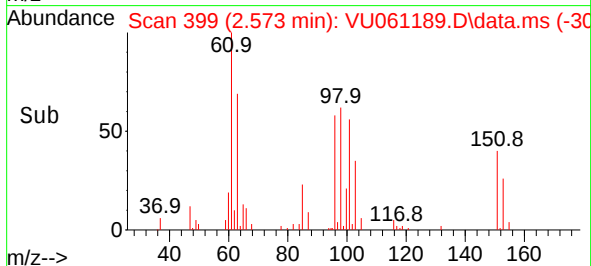
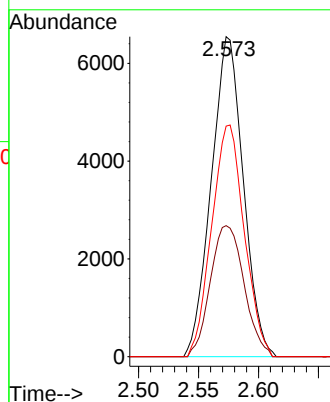
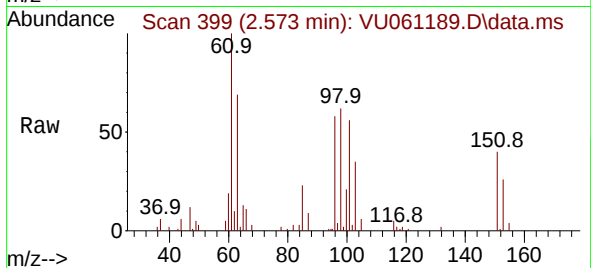




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.058 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU061189.D
 Acq: 23 Oct 2024 09:59

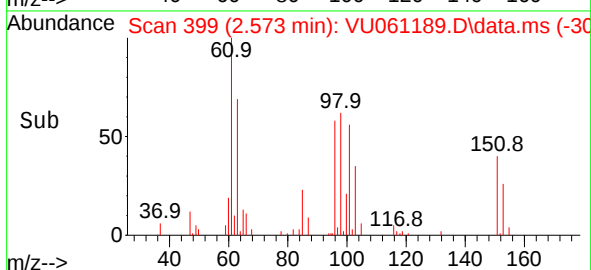
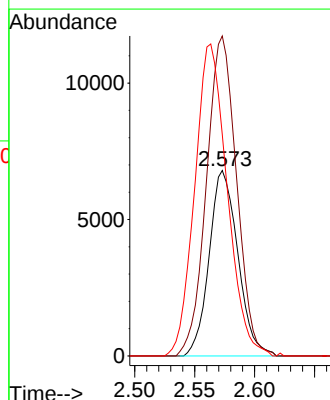
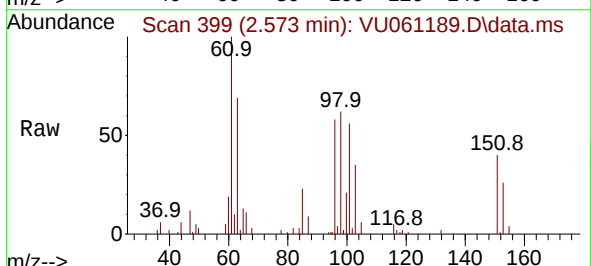
Instrument :
 MSVOA_U
 ClientSampleId :

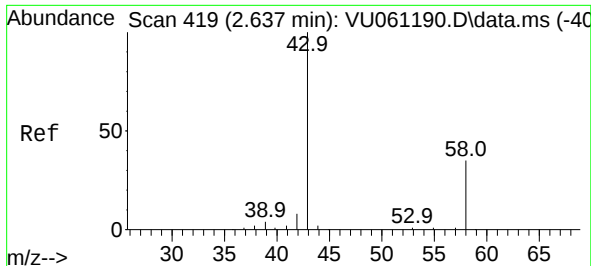
Tgt Ion:	101	Resp:	12139
Ion	Ratio	Lower	Upper
101	100		
85	43.2	35.6	53.4
151	73.6	55.9	83.9



#12
 1,1-Dichloroethene
 Concen: 1.039 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU061189.D
 Acq: 23 Oct 2024 09:59

Tgt Ion:	96	Resp:	11305
Ion	Ratio	Lower	Upper
96	100		
61	172.5	119.1	221.1
63	119.4	89.4	166.0





#13

Acetone

Concen: 10.819 ug/L

RT: 2.644 min Scan# 41

Delta R.T. 0.006 min

Lab File: VU061189.D

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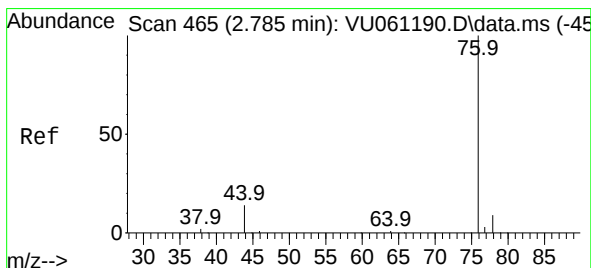
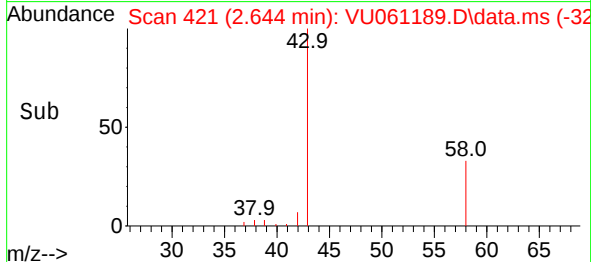
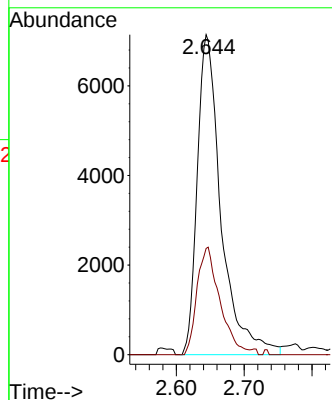
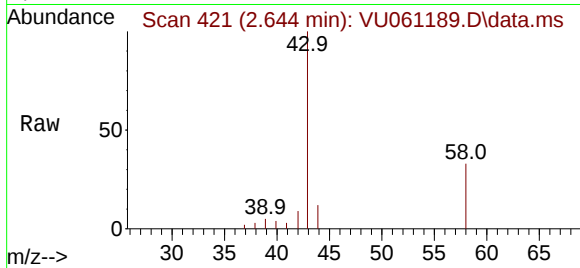
ClientSampleId :

Tgt Ion: 43 Resp: 17392

Ion Ratio Lower Upper

43 100

58 32.4 0.0 73.2



#14

Carbon disulfide

Concen: 1.018 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.000 min

Lab File: VU061189.D

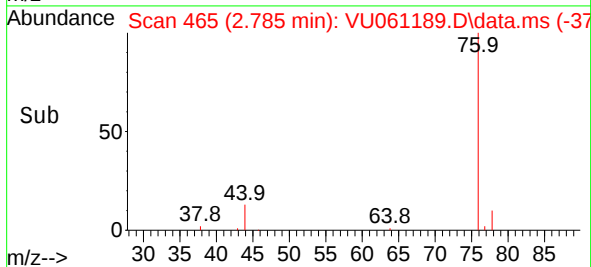
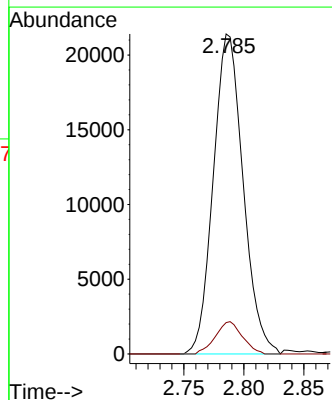
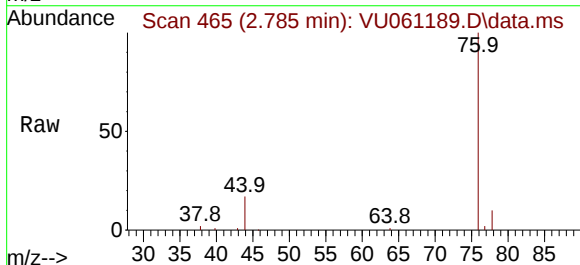
Acq: 23 Oct 2024 09:59

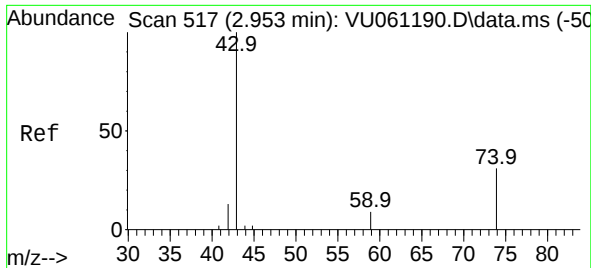
Tgt Ion: 76 Resp: 36952

Ion Ratio Lower Upper

76 100

78 9.8 7.4 11.2





#15

Methyl Acetate

Concen: 1.021 ug/L

RT: 2.965 min Scan# 51

Delta R.T. 0.013 min

Lab File: VU061189.D

Acq: 23 Oct 2024 09:59

Instrument :

MSVOA_U

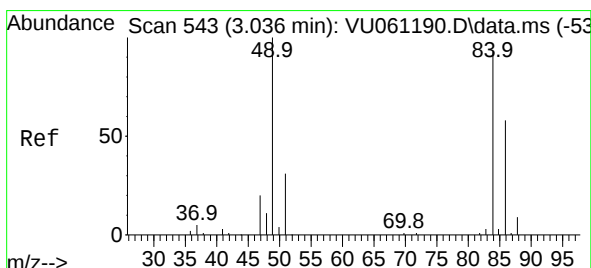
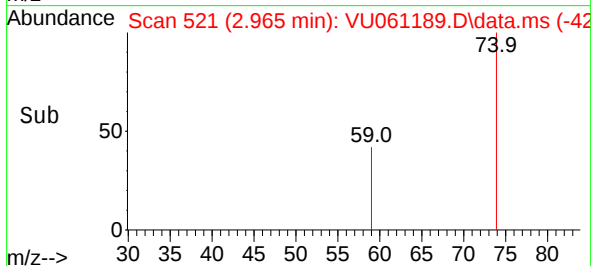
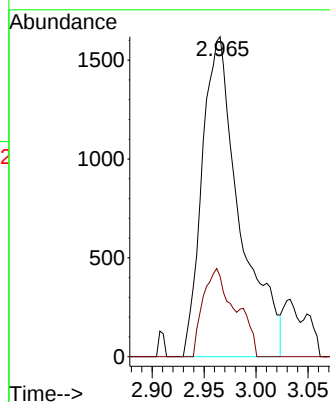
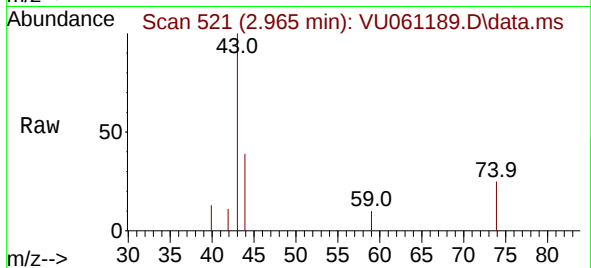
ClientSampleId :

Tgt Ion: 43 Resp: 4066

Ion Ratio Lower Upper

43 100

74 19.0 22.2 33.4#



#16

Methylene chloride

Concen: 1.043 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.000 min

Lab File: VU061189.D

Acq: 23 Oct 2024 09:59

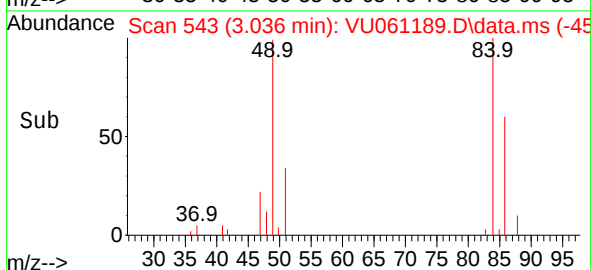
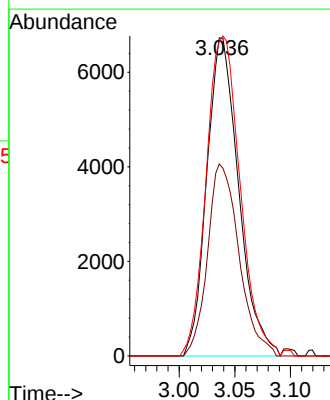
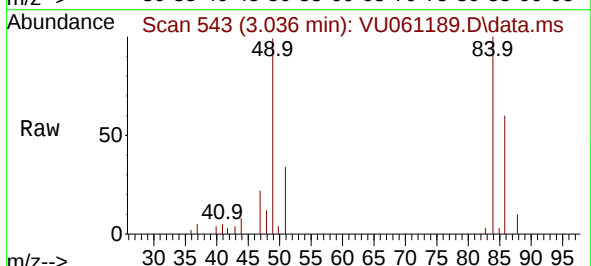
Tgt Ion: 84 Resp: 13368

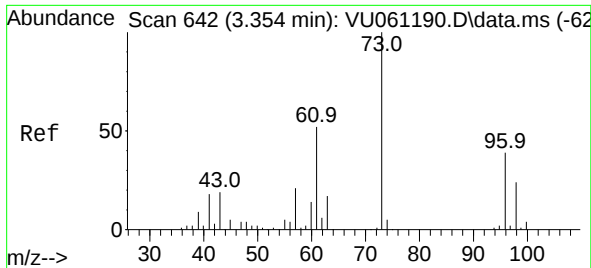
Ion Ratio Lower Upper

84 100

86 60.3 43.5 80.7

49 102.5 75.7 140.7

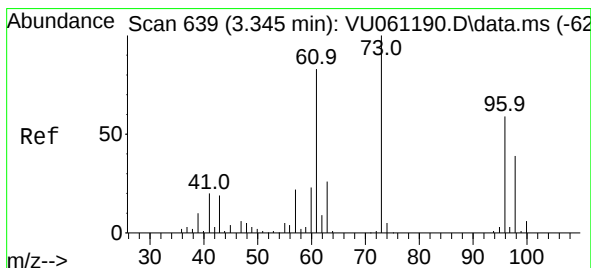
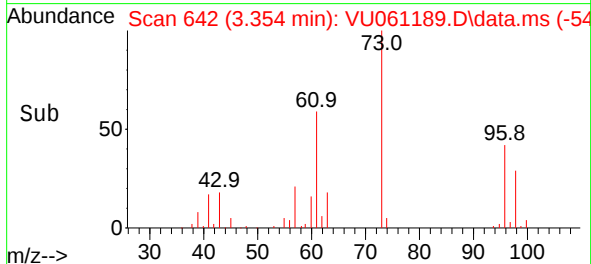
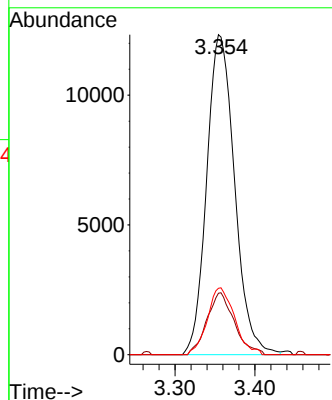
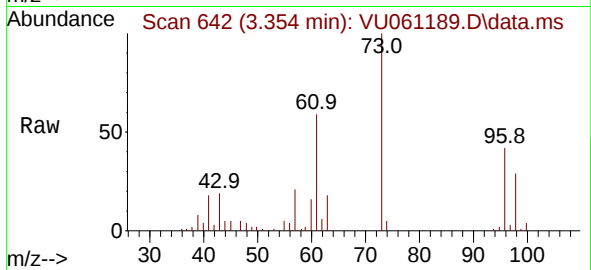




#17
Methyl tert-butyl Ether
Concen: 1.014 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU061189.D
Acq: 23 Oct 2024 09:59

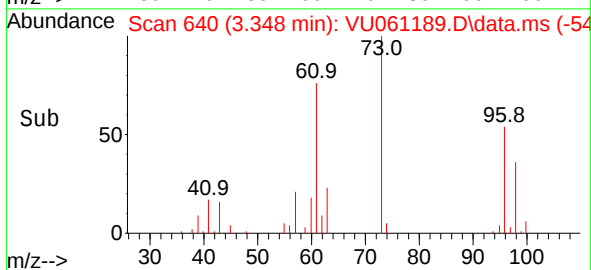
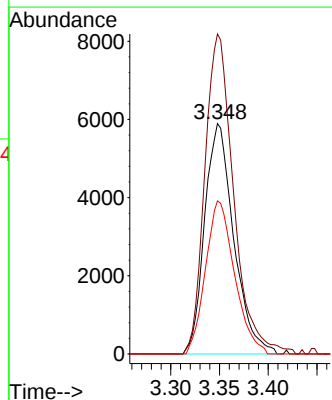
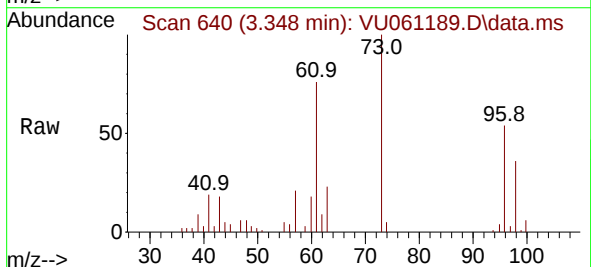
Instrument :
MSVOA_U
ClientSampleId :

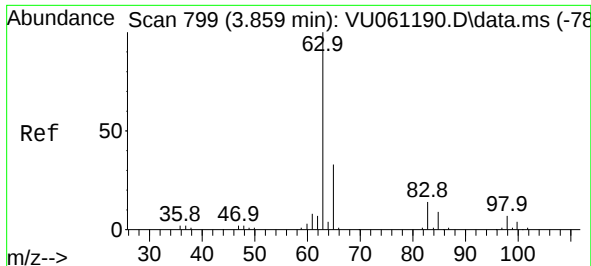
Tgt Ion: 73	Resp: 29894
Ion Ratio	Lower Upper
73 100	
43 19.0	15.0 22.4
57 20.4	17.0 25.6



#18
trans-1,2-Dichloroethene
Concen: 1.016 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU061189.D
Acq: 23 Oct 2024 09:59

Tgt Ion: 96	Resp: 12229
Ion Ratio	Lower Upper
96 100	
61 138.9	97.9 181.7
98 66.5	46.2 85.8

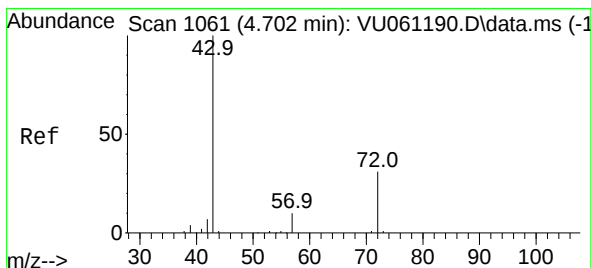
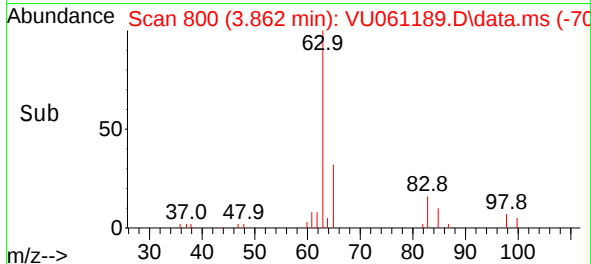
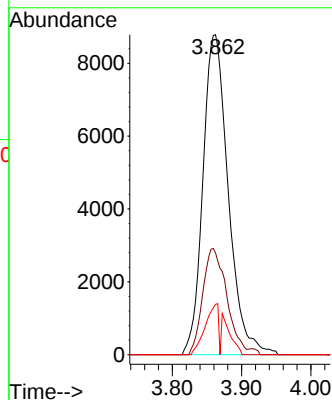
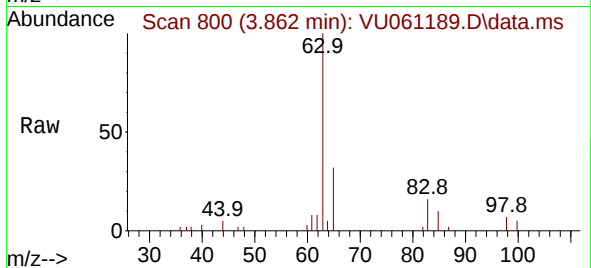




#19
1,1-Dichloroethane
Concen: 0.985 ug/L
RT: 3.862 min Scan# 80
Delta R.T. 0.003 min
Lab File: VU061189.D
Acq: 23 Oct 2024 09:59

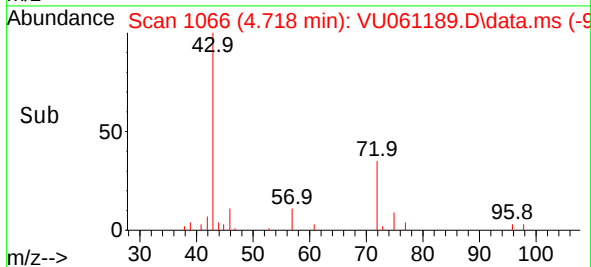
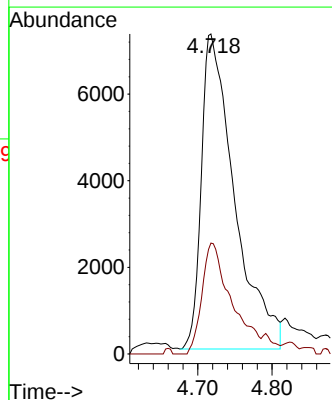
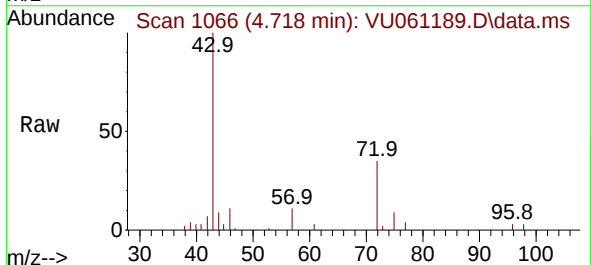
Instrument :
MSVOA_U
ClientSampleId :

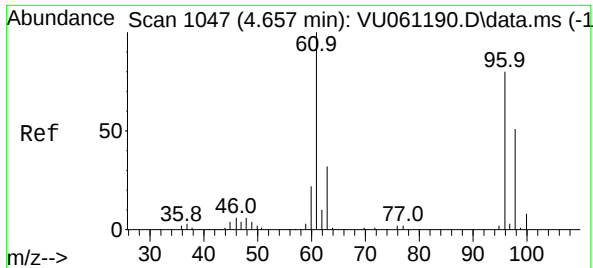
Tgt Ion: 63 Resp: 22341
Ion Ratio Lower Upper
63 100
65 30.4 23.0 42.6
83 15.1 9.7 17.9



#21
2-Butanone
Concen: 9.076 ug/L
RT: 4.718 min Scan# 1066
Delta R.T. 0.016 min
Lab File: VU061189.D
Acq: 23 Oct 2024 09:59

Tgt Ion: 43 Resp: 22642
Ion Ratio Lower Upper
43 100
72 31.2 15.9 47.6

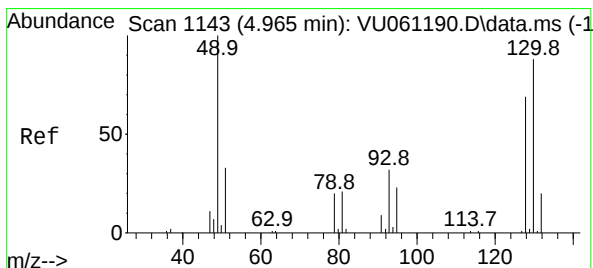
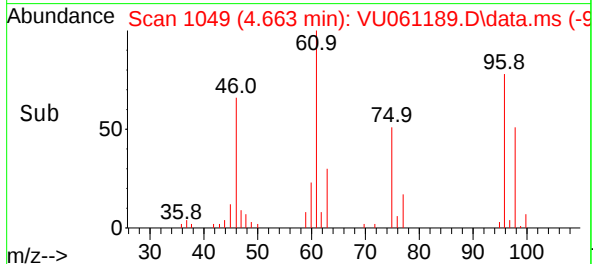
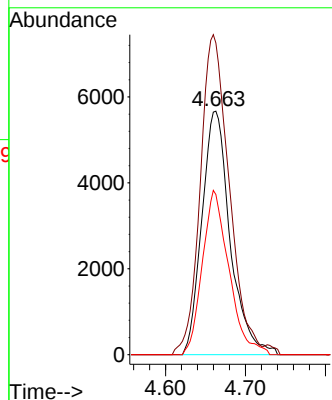
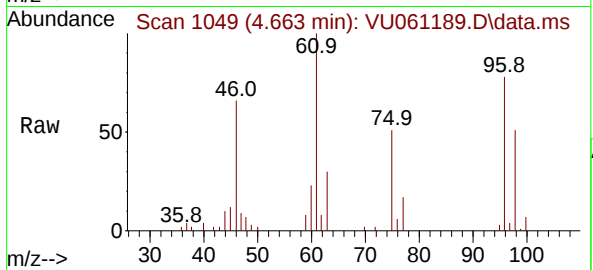




#22
 cis-1,2-Dichloroethene
 Concen: 1.013 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.006 min
 Lab File: VU061189.D
 Acq: 23 Oct 2024 09:59

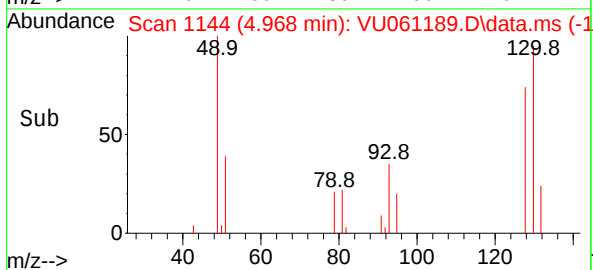
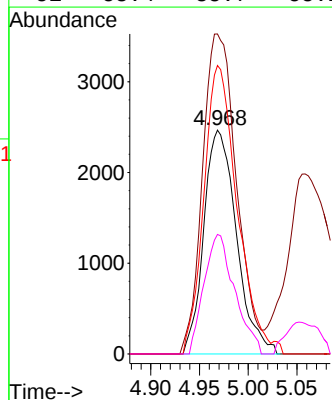
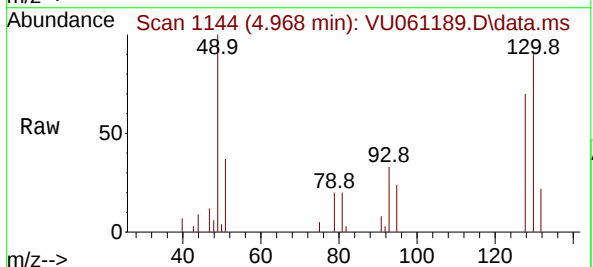
Instrument :
 MSVOA_U
 ClientSampleId :

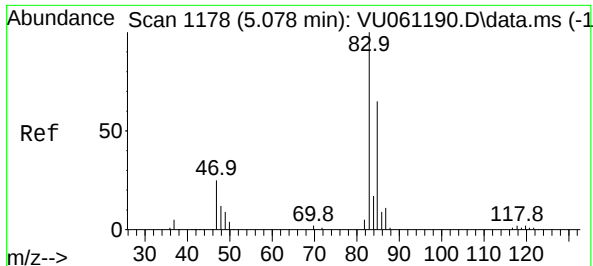
Tgt Ion: 96 Resp: 13920
 Ion Ratio Lower Upper
 96 100
 61 128.0 88.1 163.5
 98 65.8 45.0 83.6



#23
 Bromochloromethane
 Concen: 0.994 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. 0.003 min
 Lab File: VU061189.D
 Acq: 23 Oct 2024 09:59

Tgt Ion: 128 Resp: 5745
 Ion Ratio Lower Upper
 128 100
 49 142.9 105.1 195.1
 130 128.8 89.6 166.4
 51 53.4 38.7 58.1





#25

Chloroform

Concen: 1.010 ug/L

RT: 5.081 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VU061189.D

Acq: 23 Oct 2024 09:59

Instrument :

MSVOA_U

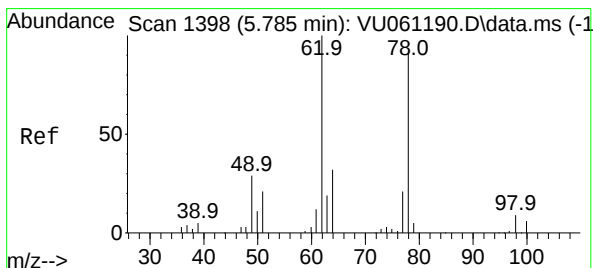
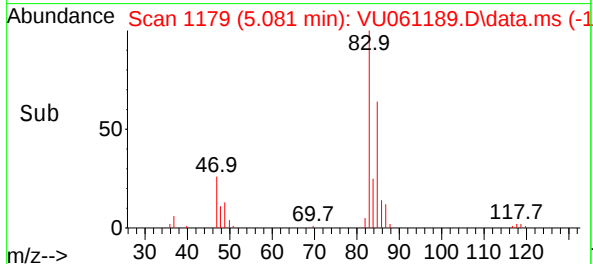
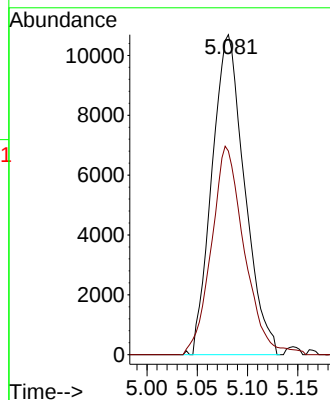
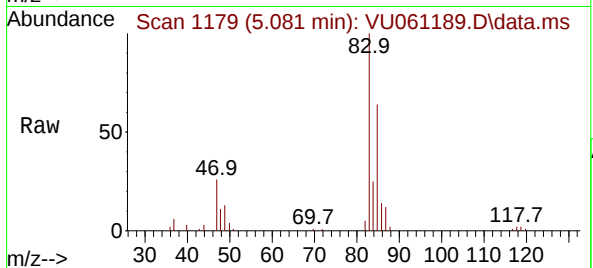
ClientSampleId :

Tgt Ion: 83 Resp: 24107

Ion Ratio Lower Upper

83 100

85 63.6 45.6 84.6



#27

1,2-Dichloroethane

Concen: 1.018 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.003 min

Lab File: VU061189.D

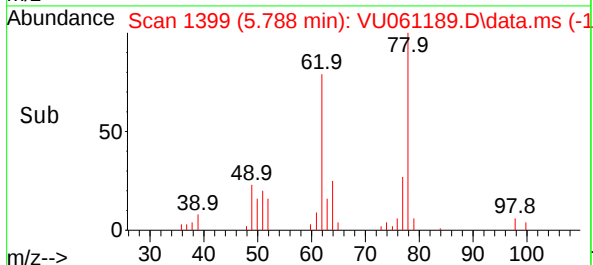
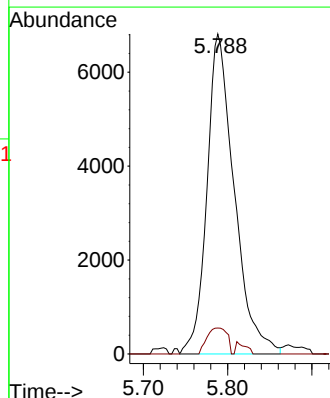
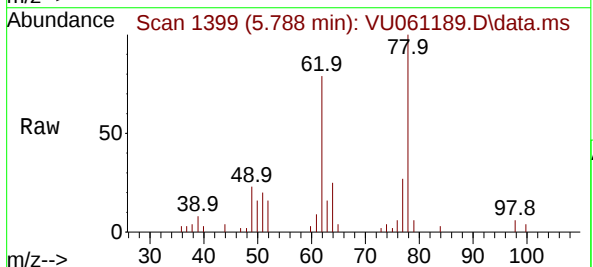
Acq: 23 Oct 2024 09:59

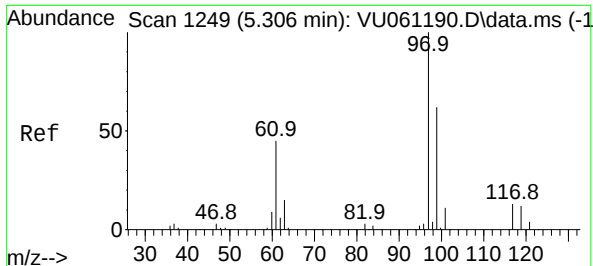
Tgt Ion: 62 Resp: 15341

Ion Ratio Lower Upper

62 100

98 8.1 7.4 11.0

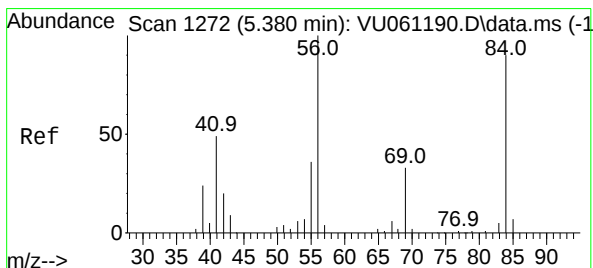
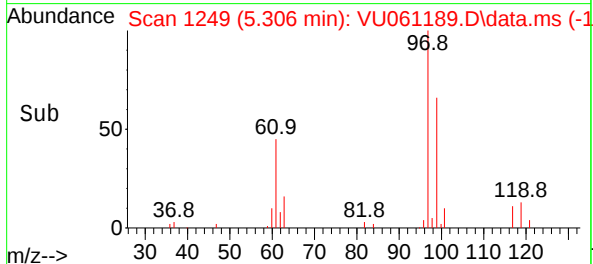
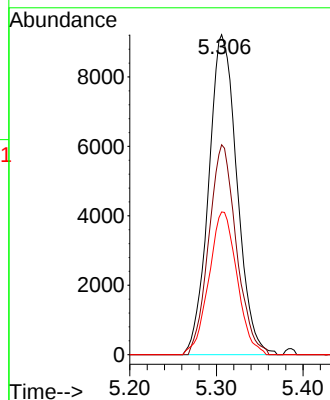
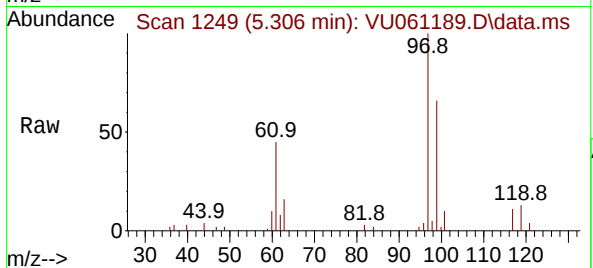




#29
1,1,1-Trichloroethane
Concen: 1.027 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU061189.D
Acq: 23 Oct 2024 09:59

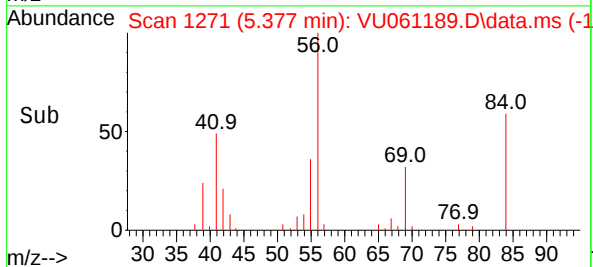
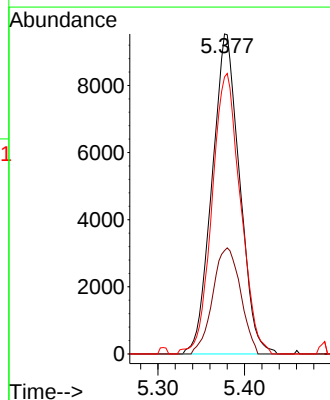
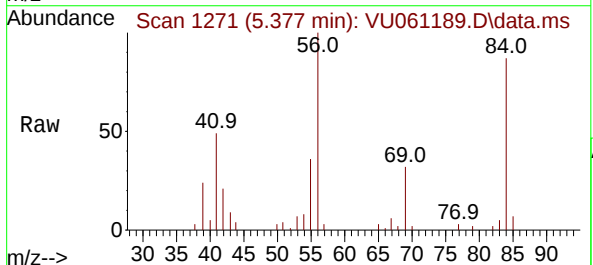
Instrument :
MSVOA_U
ClientSampleId :

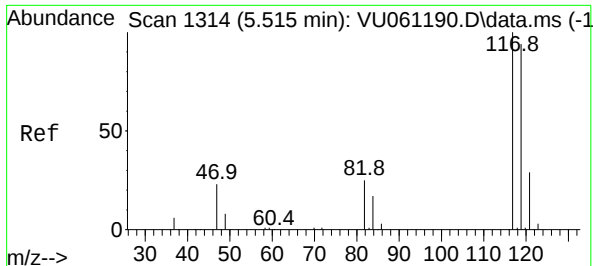
Tgt Ion:	97	Resp:	20964
Ion	Ratio	Lower	Upper
97	100		
99	63.7	50.8	76.2
61	44.3	36.1	54.1



#30
Cyclohexane
Concen: 1.031 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.003 min
Lab File: VU061189.D
Acq: 23 Oct 2024 09:59

Tgt Ion:	56	Resp:	21112
Ion	Ratio	Lower	Upper
56	100		
69	33.3	25.8	38.6
84	90.0	73.9	110.9

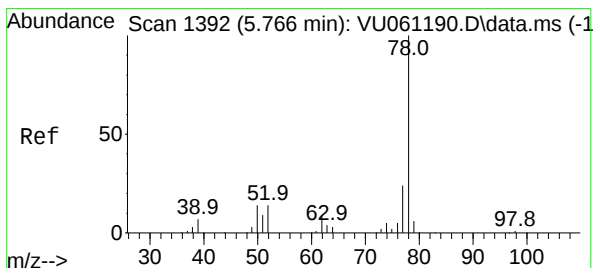
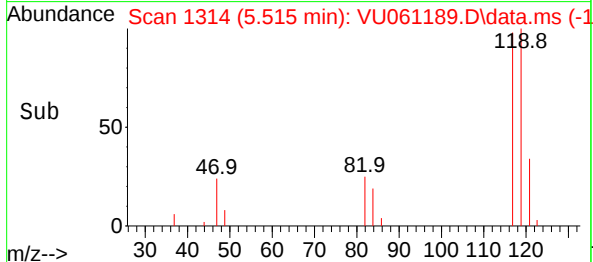
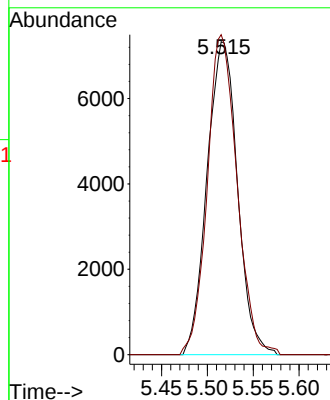
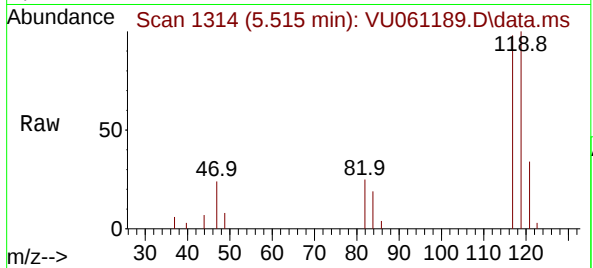




#31
Carbon tetrachloride
Concen: 0.968 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU061189.D
Acq: 23 Oct 2024 09:59

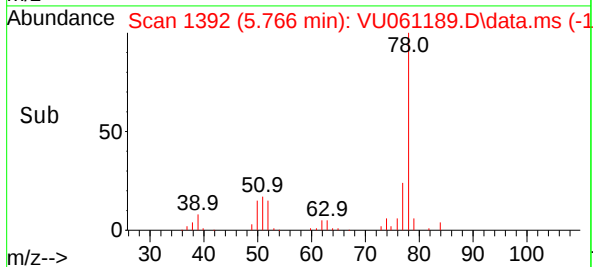
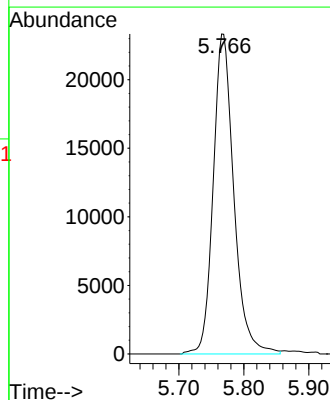
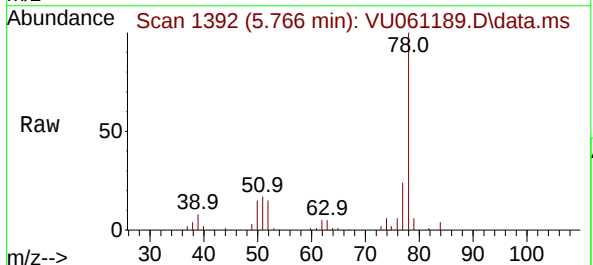
Instrument :
MSVOA_U
ClientSampleId :

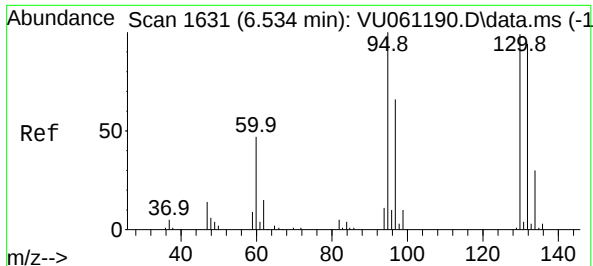
Tgt Ion:117 Resp: 16921
Ion Ratio Lower Upper
117 100
119 99.6 75.5 113.3



#33
Benzene
Concen: 0.997 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU061189.D
Acq: 23 Oct 2024 09:59

Tgt Ion: 78 Resp: 51406





#34

Trichloroethene

Concen: 1.022 ug/L

RT: 6.537 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU061189.D

Acq: 23 Oct 2024 09:59

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 14330

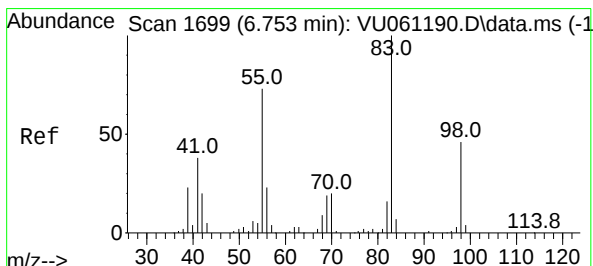
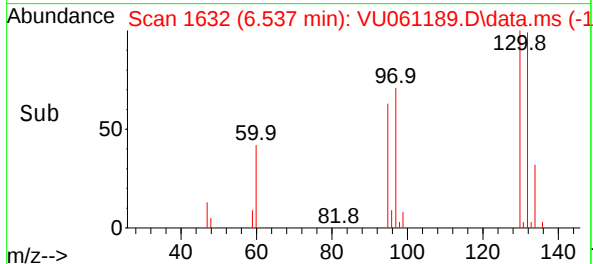
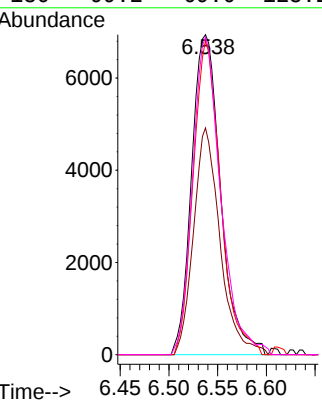
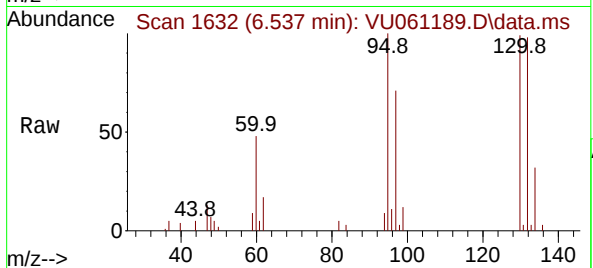
Ion Ratio Lower Upper

95 100

97 70.9 46.1 85.7

132 98.1 66.1 122.7

130 99.2 69.0 128.2



#35

Methylcyclohexane

Concen: 1.033 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.003 min

Lab File: VU061189.D

Acq: 23 Oct 2024 09:59

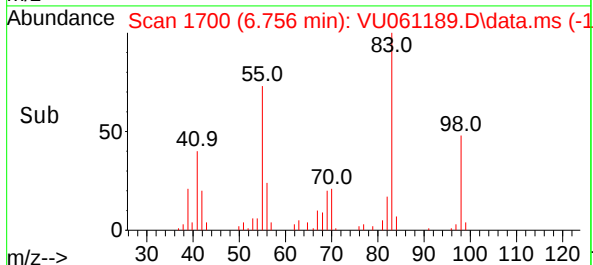
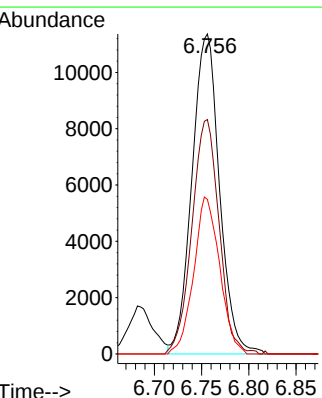
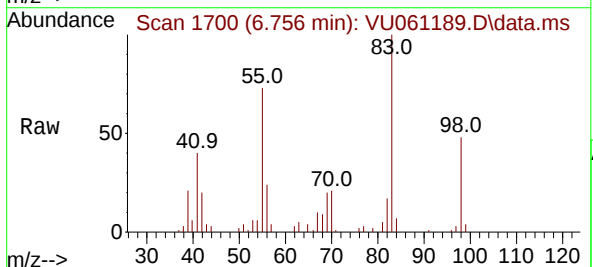
Tgt Ion: 83 Resp: 23060

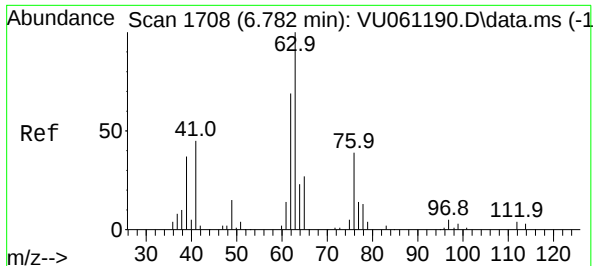
Ion Ratio Lower Upper

83 100

55 72.1 55.9 83.9

98 46.1 35.9 53.9

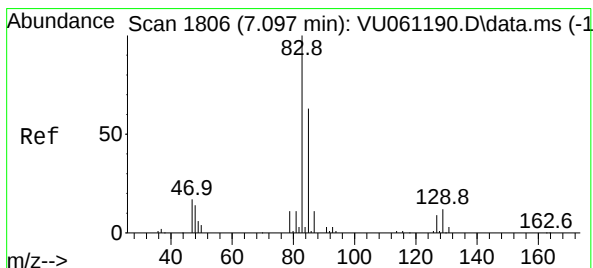
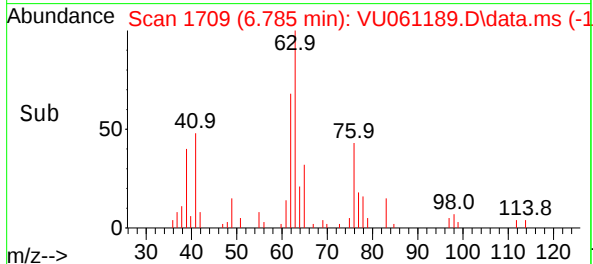
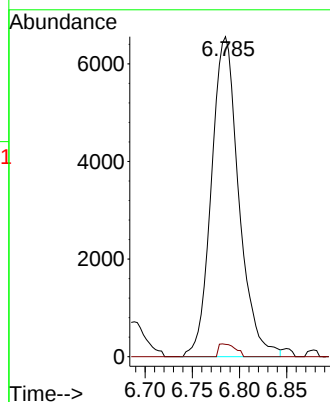
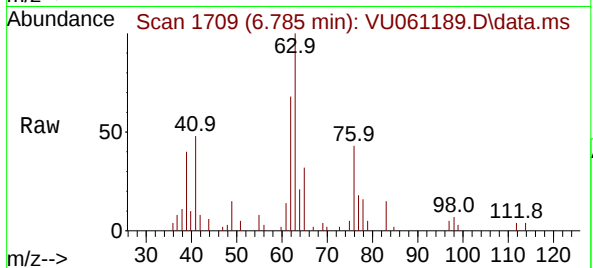




#37
1,2-Dichloropropane
Concen: 1.012 ug/L
RT: 6.785 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU061189.D
Acq: 23 Oct 2024 09:59

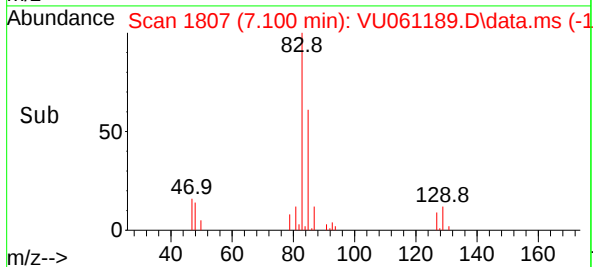
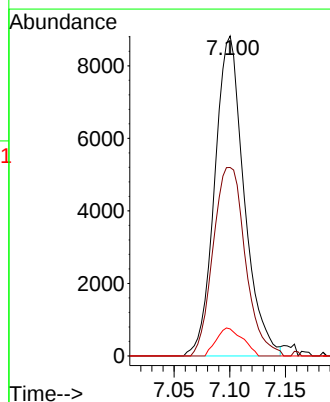
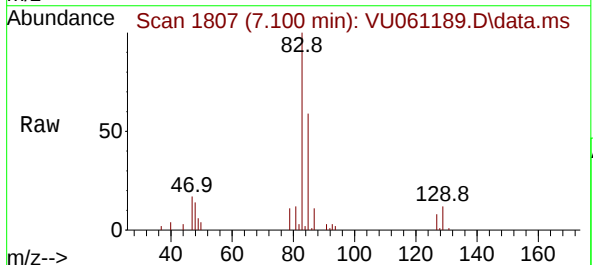
Instrument :
MSVOA_U
ClientSampleId :

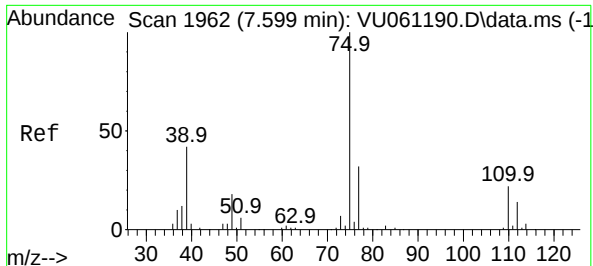
Tgt Ion: 63 Resp: 13228
Ion Ratio Lower Upper
63 100
112 2.4 3.0 4.4#



#38
Bromodichloromethane
Concen: 0.980 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VU061189.D
Acq: 23 Oct 2024 09:59

Tgt Ion: 83 Resp: 16210
Ion Ratio Lower Upper
83 100
85 58.9 43.8 81.4
127 8.5 7.4 11.0

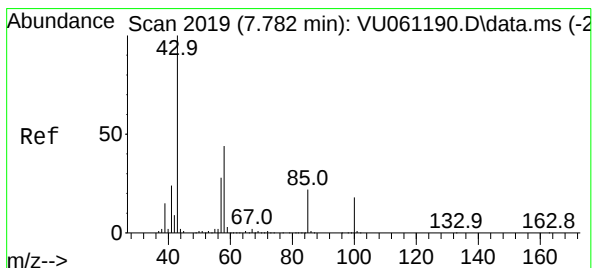
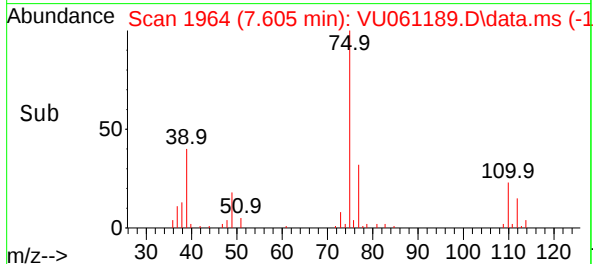
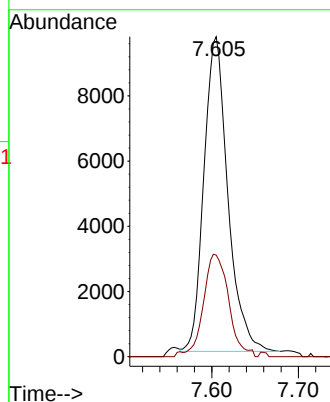
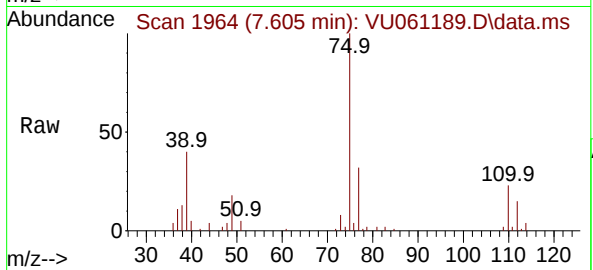




#39
 cis-1,3-Dichloropropene
 Concen: 0.919 ug/L
 RT: 7.605 min Scan# 1962
 Delta R.T. 0.006 min
 Lab File: VU061189.D
 Acq: 23 Oct 2024 09:59

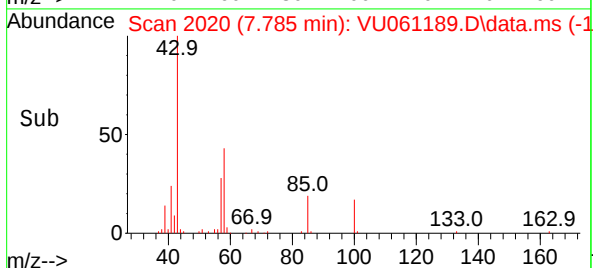
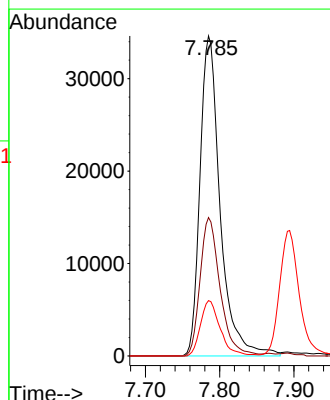
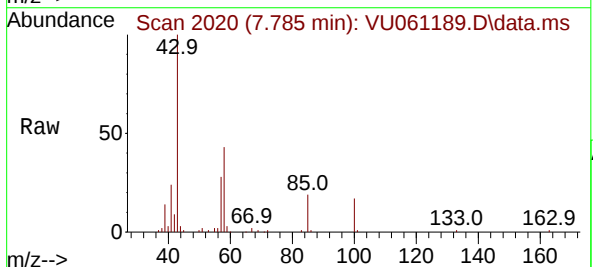
Instrument :
 MSVOA_U
 ClientSampleId :

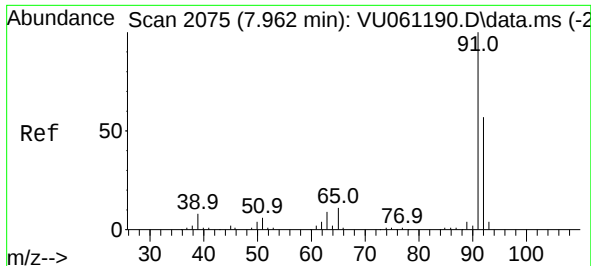
Tgt Ion: 75 Resp: 18545
 Ion Ratio Lower Upper
 75 100
 77 31.8 22.5 41.7



#40
 4-Methyl-2-pentanone
 Concen: 10.049 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. 0.003 min
 Lab File: VU061189.D
 Acq: 23 Oct 2024 09:59

Tgt Ion: 43 Resp: 65376
 Ion Ratio Lower Upper
 43 100
 58 42.9 35.1 52.7
 100 17.0 14.0 21.0





#42

Toluene

Concen: 0.993 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU061189.D

Acq: 23 Oct 2024 09:59

Instrument :

MSVOA_U

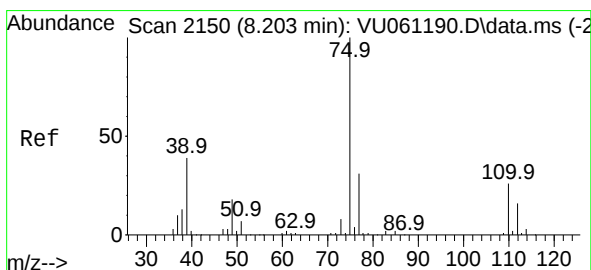
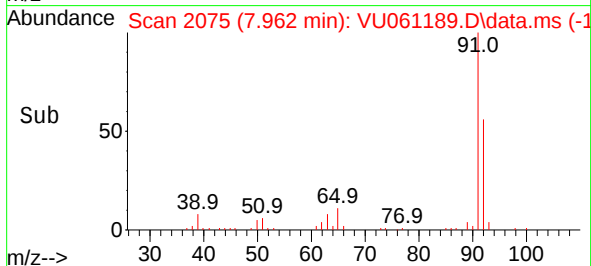
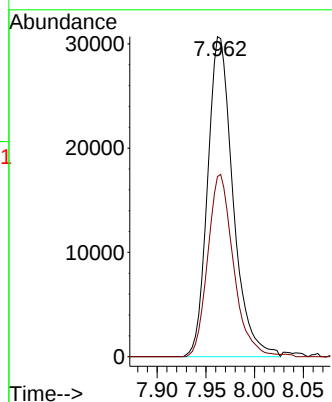
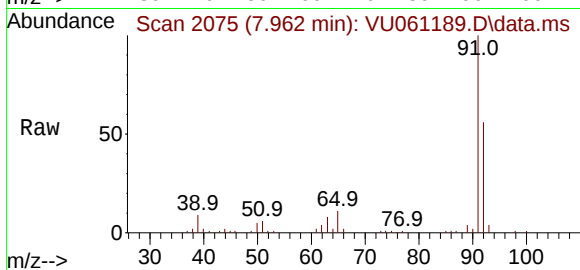
ClientSampleId :

Tgt Ion: 91 Resp: 55606

Ion Ratio Lower Upper

91 100

92 56.3 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 0.932 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.003 min

Lab File: VU061189.D

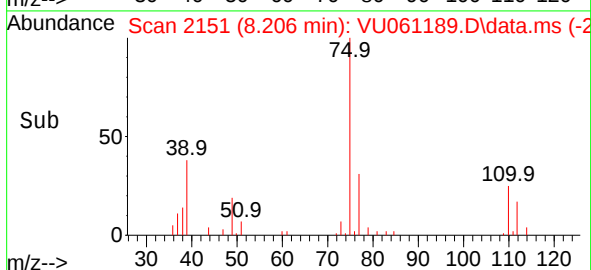
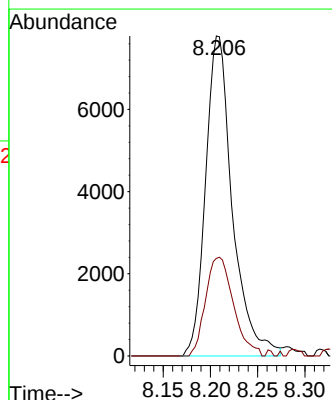
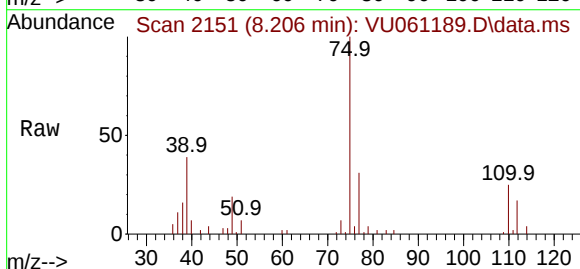
Acq: 23 Oct 2024 09:59

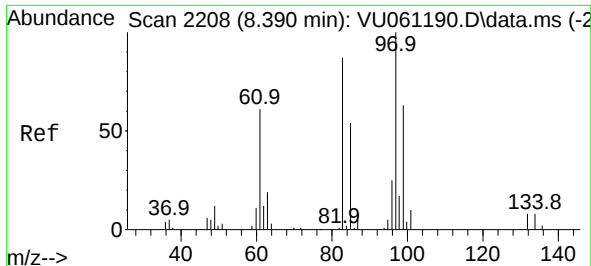
Tgt Ion: 75 Resp: 15329

Ion Ratio Lower Upper

75 100

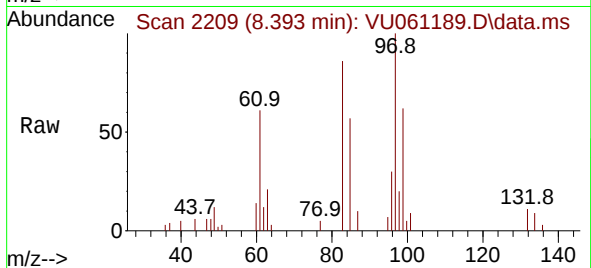
77 30.5 22.0 40.8



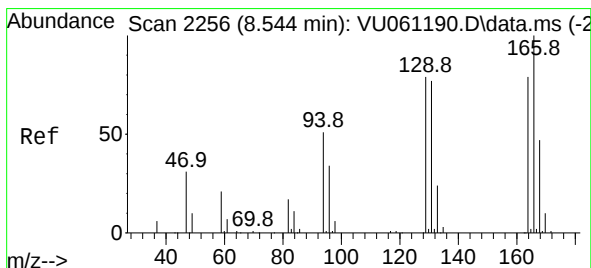
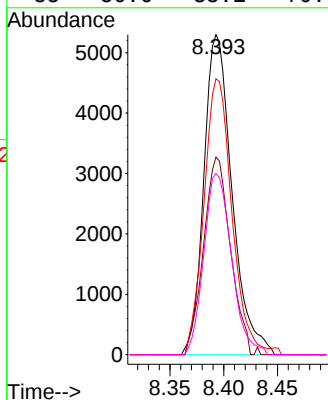
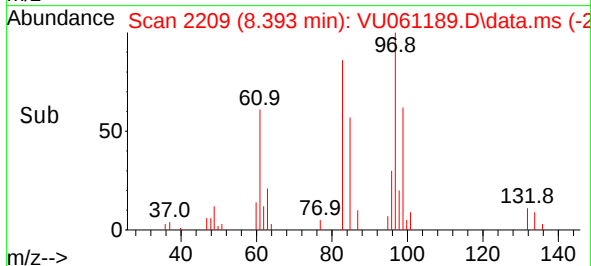


#45
1,1,2-Trichloroethane
Concen: 1.026 ug/L
RT: 8.393 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU061189.D
Acq: 23 Oct 2024 09:59

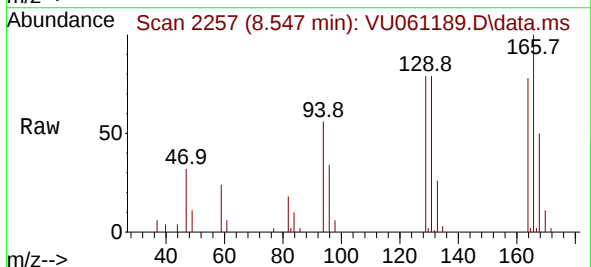
Instrument :
MSVOA_U
ClientSampleId :



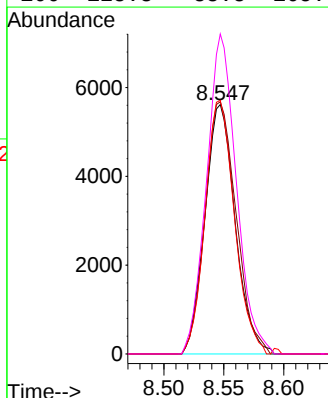
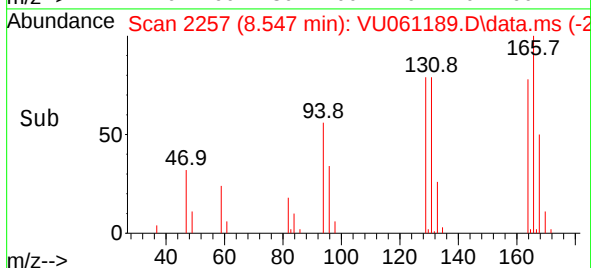
Tgt Ion: 97	Resp: 9655
Ion Ratio	Lower Upper
97 100	
99 61.7	44.1 81.9
83 86.3	61.2 113.6
85 56.6	38.1 70.7

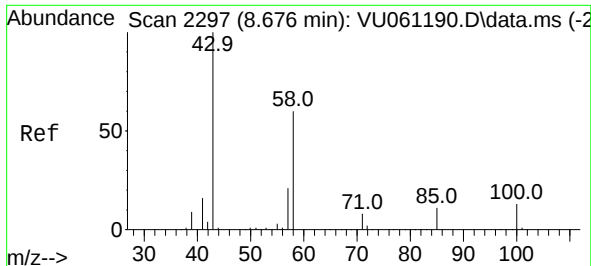


#47
Tetrachloroethene
Concen: 1.007 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.003 min
Lab File: VU061189.D
Acq: 23 Oct 2024 09:59



Tgt	Ion:164	Resp:	9865
Ion	Ratio	Lower	Upper
164	100		
129	101.1	69.9	129.7
131	101.7	68.3	126.8
166	128.3	88.8	165.0





#48

2-Hexanone

Concen: 9.572 ug/L

RT: 8.682 min Scan# 2299

Delta R.T. 0.006 min

Lab File: VU061189.D

Acq: 23 Oct 2024 09:59

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 43 Resp: 44033

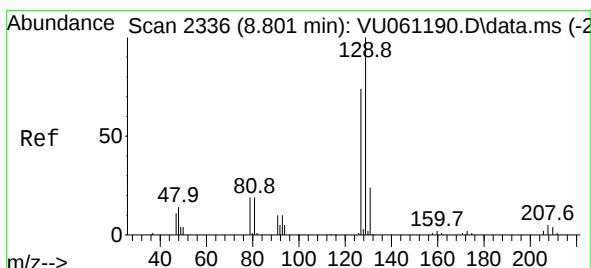
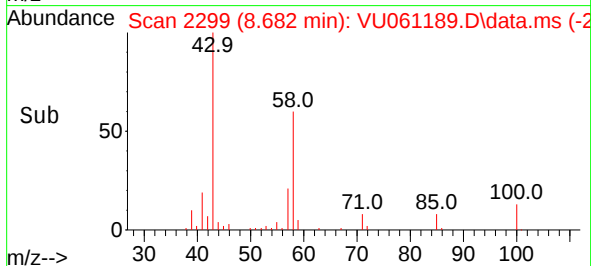
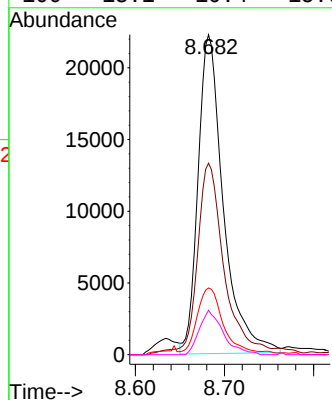
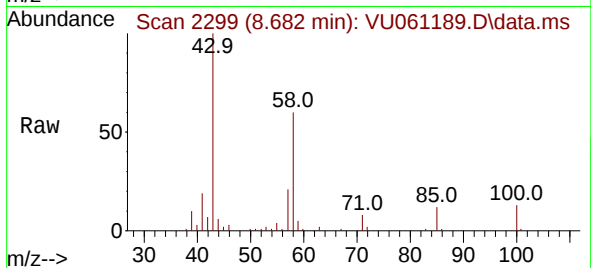
Ion Ratio Lower Upper

43 100

58 63.6 48.6 72.8

57 20.0 17.0 25.6

100 13.1 10.4 15.6



#49

Dibromochloromethane

Concen: 0.963 ug/L

RT: 8.801 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VU061189.D

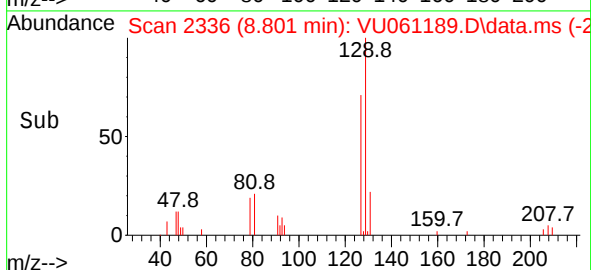
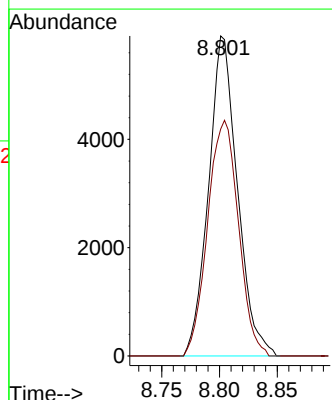
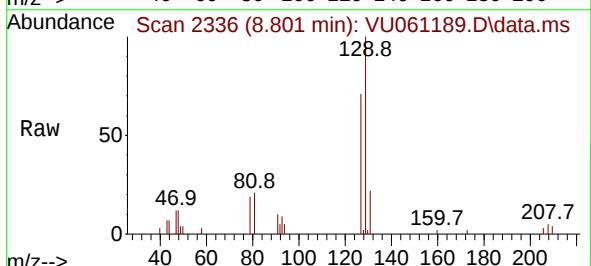
Acq: 23 Oct 2024 09:59

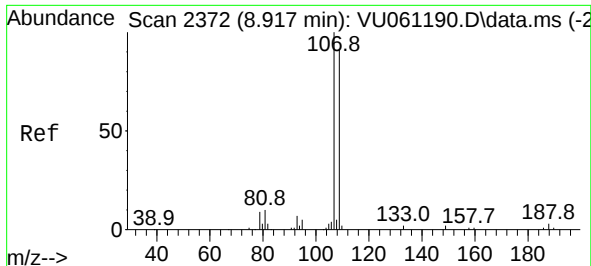
Tgt Ion: 129 Resp: 10269

Ion Ratio Lower Upper

129 100

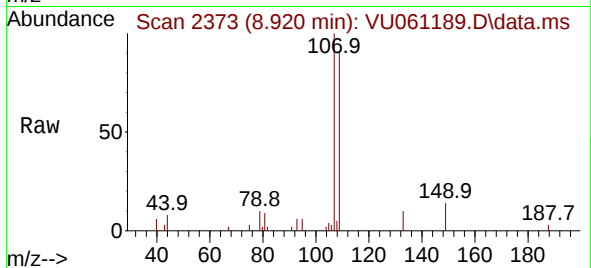
127 70.9 51.8 96.2



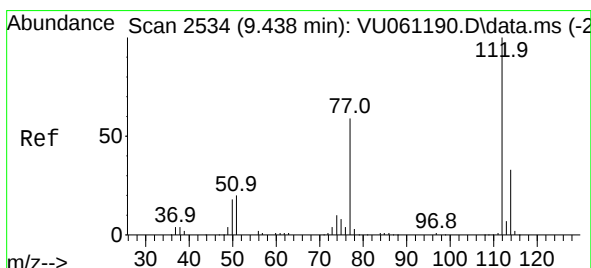
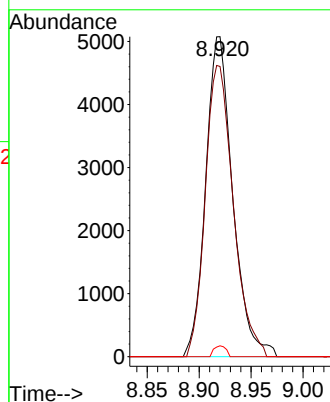
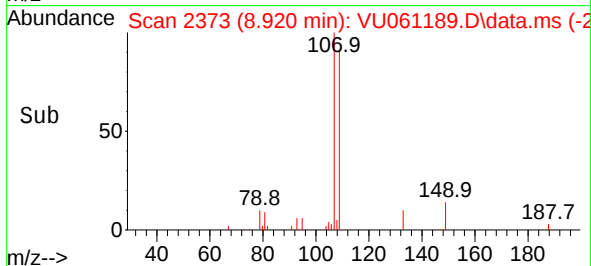


#50
1,2-Dibromoethane
Concen: 1.006 ug/L
RT: 8.920 min Scan# 24
Delta R.T. 0.003 min
Lab File: VU061189.D
Acq: 23 Oct 2024 09:59

Instrument :
MSVOA_U
ClientSampleId :

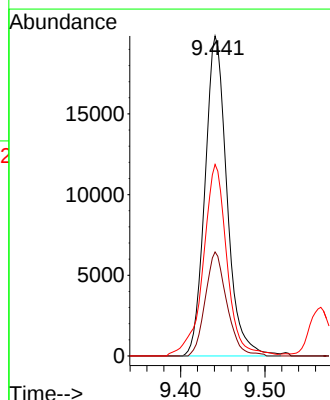
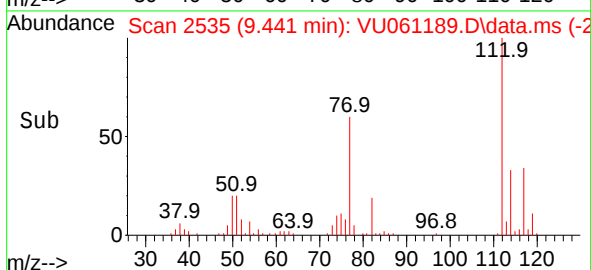
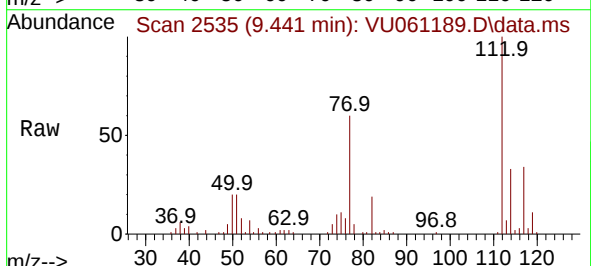


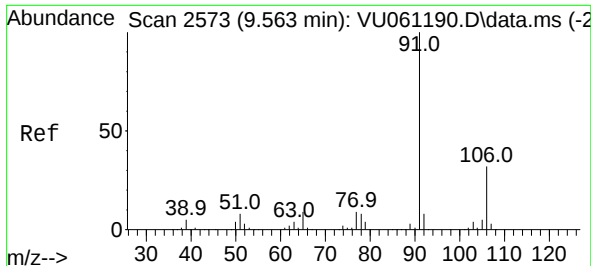
Tgt Ion:107 Resp: 9193
Ion Ratio Lower Upper
107 100
109 90.7 63.4 117.8
188 3.4 2.6 3.8



#51
Chlorobenzene
Concen: 1.019 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU061189.D
Acq: 23 Oct 2024 09:59

Tgt Ion:112 Resp: 36071
Ion Ratio Lower Upper
112 100
114 32.5 22.9 42.5
77 59.8 47.1 70.7

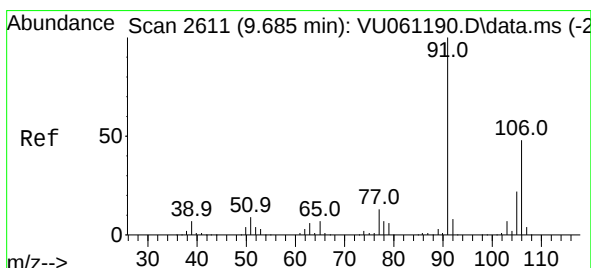
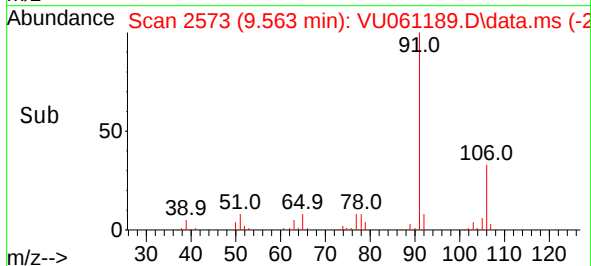
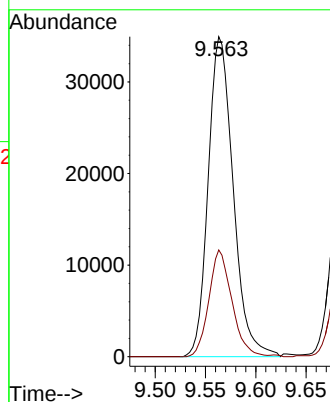
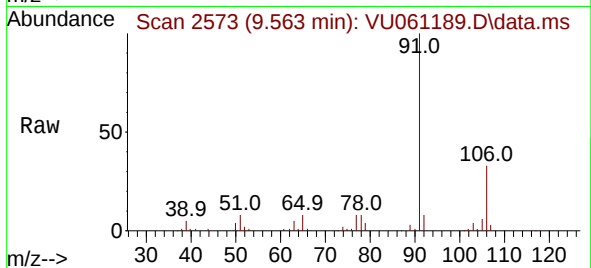




#52
Ethylbenzene
Concen: 0.979 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU061189.D
Acq: 23 Oct 2024 09:59

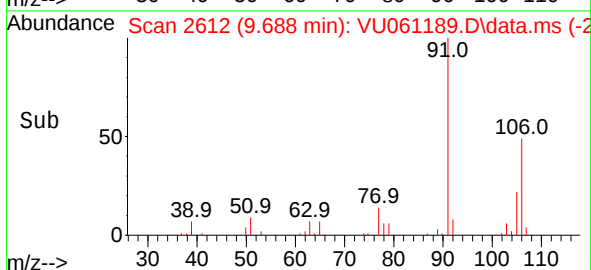
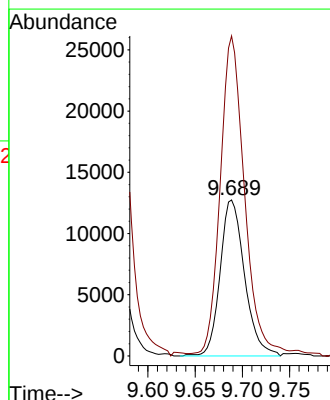
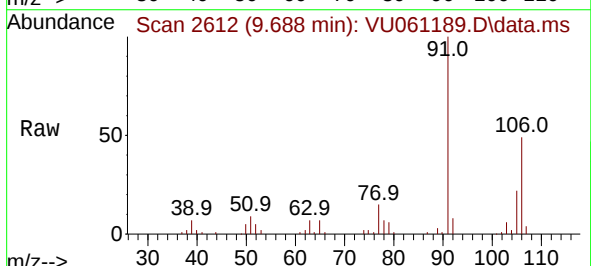
Instrument :
MSVOA_U
ClientSampleId :

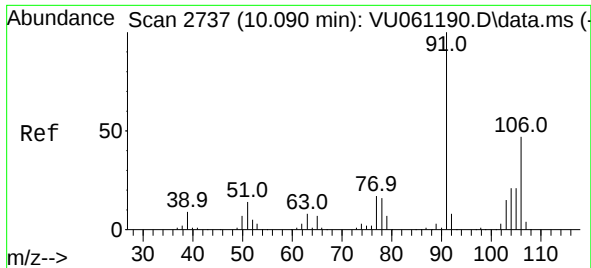
Tgt Ion: 91 Resp: 60335
Ion Ratio Lower Upper
91 100
106 33.4 22.0 41.0



#53
m,p-Xylene
Concen: 0.978 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.003 min
Lab File: VU061189.D
Acq: 23 Oct 2024 09:59

Tgt Ion:106 Resp: 22939
Ion Ratio Lower Upper
106 100
91 205.1 145.7 270.7

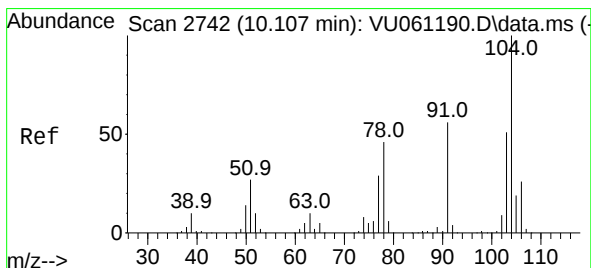
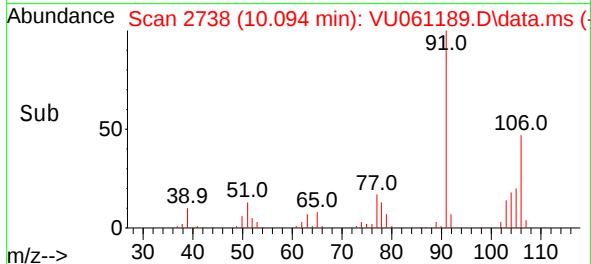
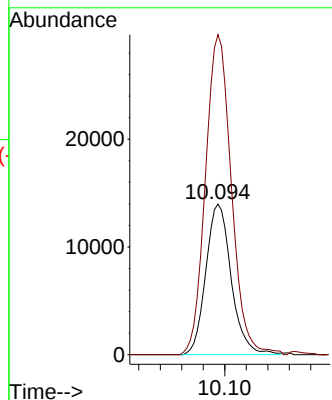
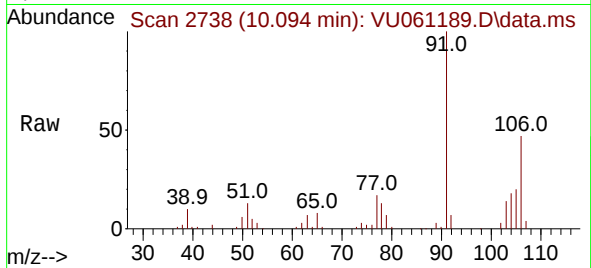




#54
o-Xylene
Concen: 0.990 ug/L
RT: 10.094 min Scan# 2737
Delta R.T. 0.003 min
Lab File: VU061189.D
Acq: 23 Oct 2024 09:59

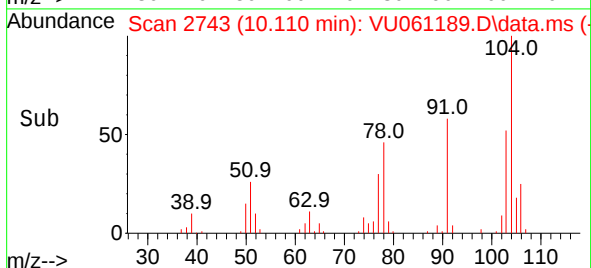
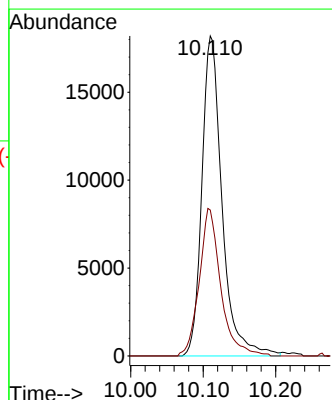
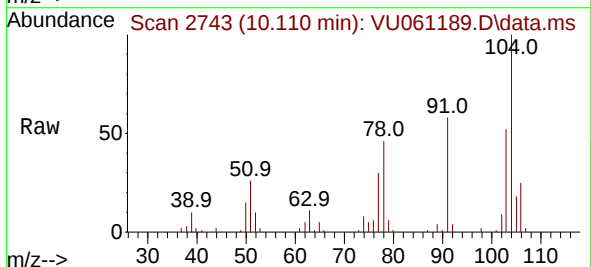
Instrument :
MSVOA_U
ClientSampleId :

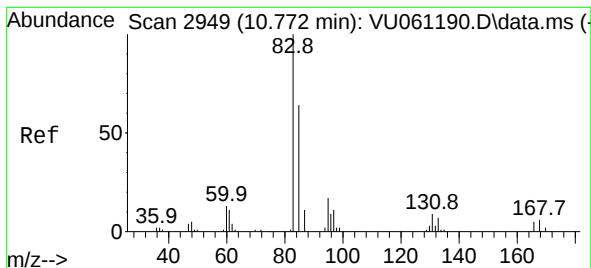
Tgt Ion:106 Resp: 22926
Ion Ratio Lower Upper
106 100
91 212.4 148.8 276.4



#55
Styrene
Concen: 0.948 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.003 min
Lab File: VU061189.D
Acq: 23 Oct 2024 09:59

Tgt Ion:104 Resp: 35185
Ion Ratio Lower Upper
104 100
78 45.6 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 0.975 ug/L

RT: 10.775 min Scan# 2949

Delta R.T. 0.003 min

Lab File: VU061189.D

Acq: 23 Oct 2024 09:59

Instrument :

MSVOA_U

ClientSampleId :

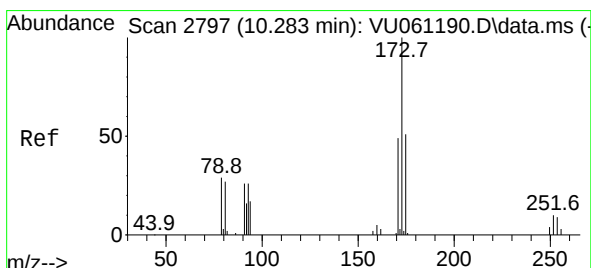
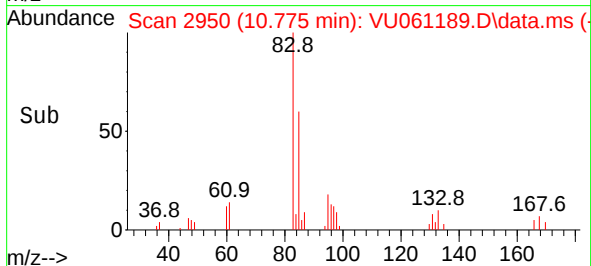
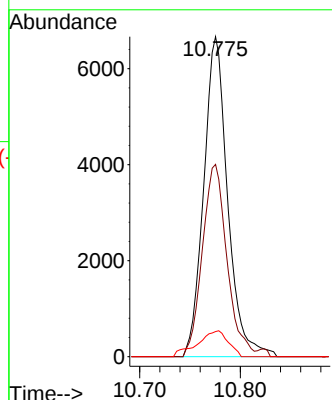
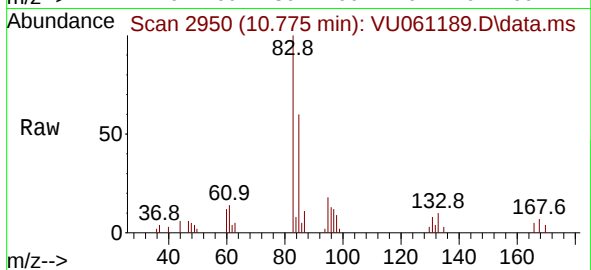
Tgt Ion: 83 Resp: 11047

Ion Ratio Lower Upper

83 100

85 60.1 45.3 84.1

131 7.9 7.6 11.4



#59

Bromoform

Concen: 0.997 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.000 min

Lab File: VU061189.D

Acq: 23 Oct 2024 09:59

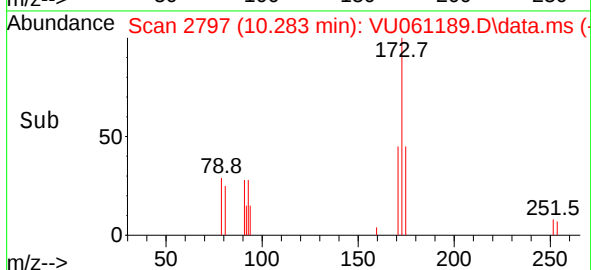
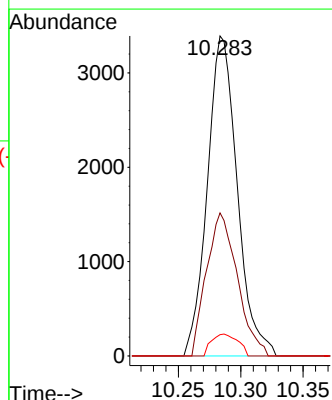
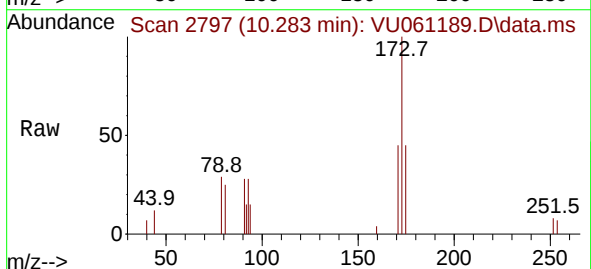
Tgt Ion:173 Resp: 5655

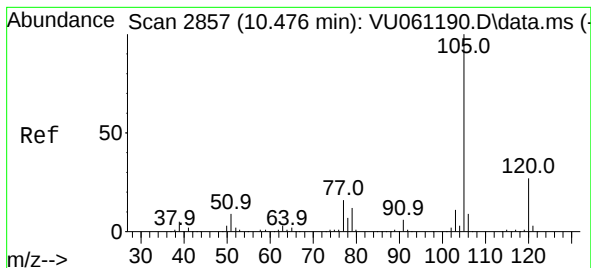
Ion Ratio Lower Upper

173 100

175 46.1 39.0 58.4

254 6.1 6.8 10.2#





#60

Isopropylbenzene

Concen: 0.995 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU061189.D

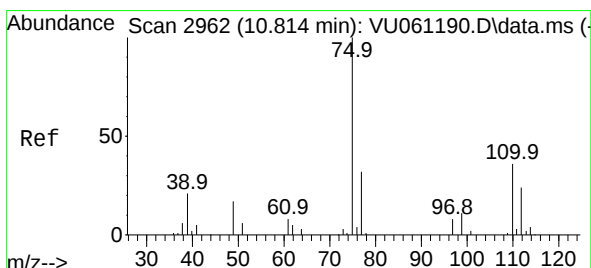
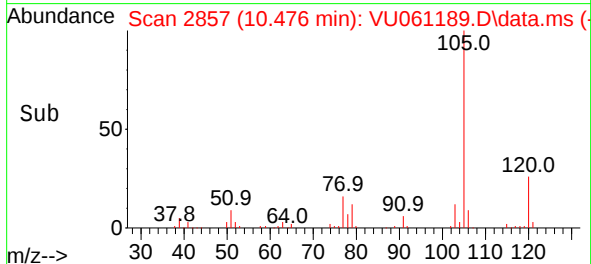
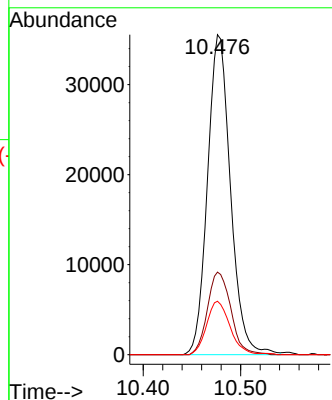
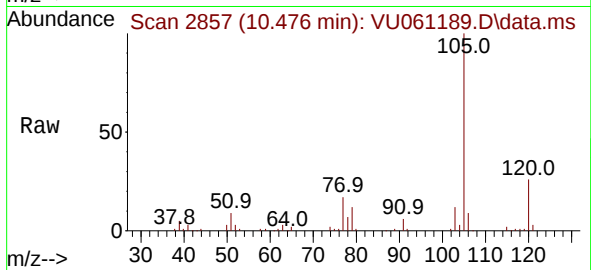
Acq: 23 Oct 2024 09:59

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	105	Resp:	58214
Ion Ratio	Lower	Upper	
105	100		
120	26.3	21.2	31.8
77	16.9	12.6	19.0



#61

1,2,3-Trichloropropane

Concen: 1.038 ug/L

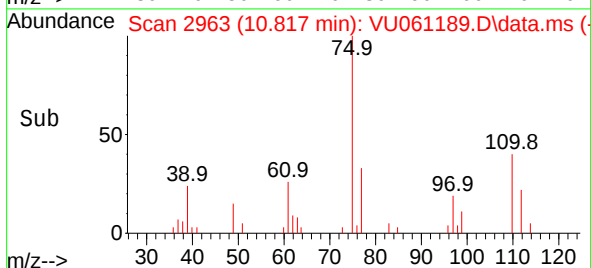
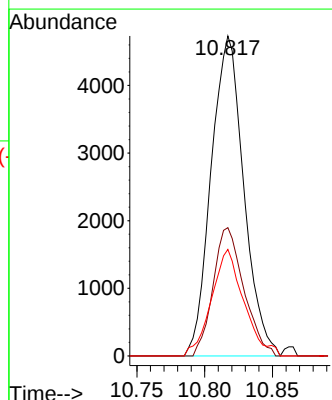
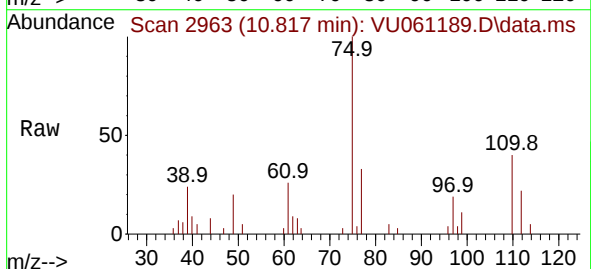
RT: 10.817 min Scan# 2963

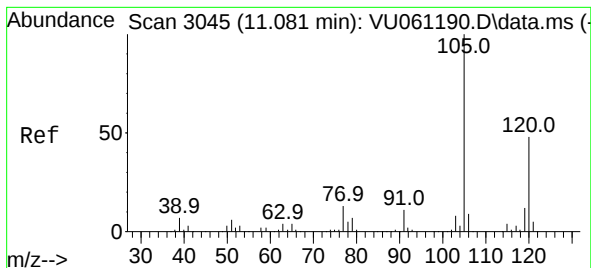
Delta R.T. 0.003 min

Lab File: VU061189.D

Acq: 23 Oct 2024 09:59

Tgt Ion:	75	Resp:	7920
Ion Ratio	Lower	Upper	
75	100		
110	37.8	28.8	43.2
77	32.9	25.7	38.5





#62

1,3,5-Trimethylbenzene

Concen: 0.988 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU061189.D

Acq: 23 Oct 2024 09:59

Instrument :

MSVOA_U

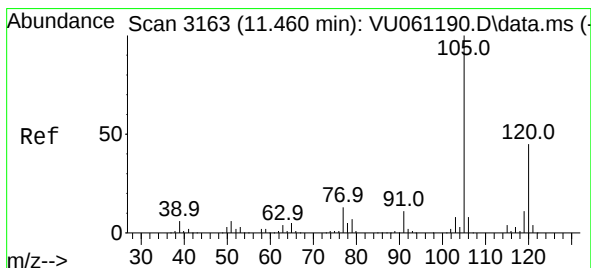
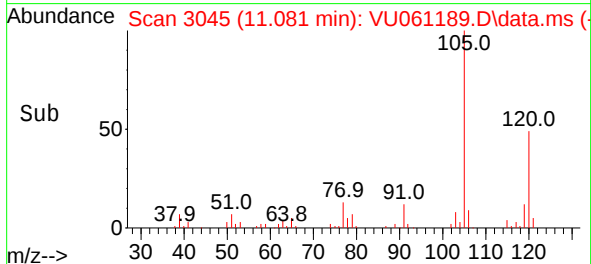
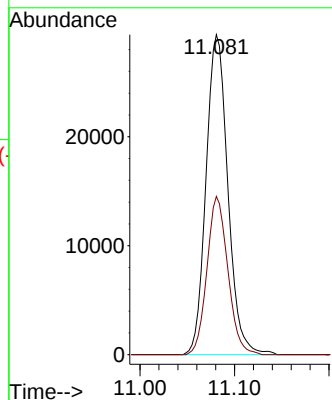
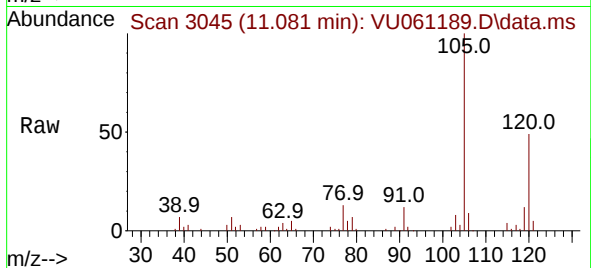
ClientSampleId :

Tgt Ion:105 Resp: 47062

Ion Ratio Lower Upper

105 100

120 47.4 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 0.986 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.003 min

Lab File: VU061189.D

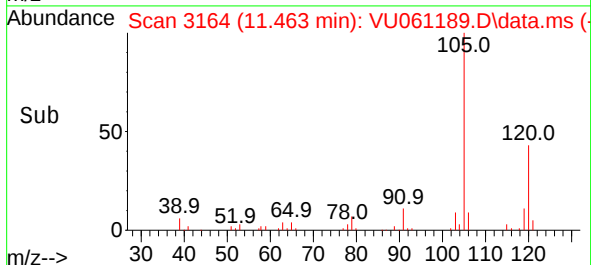
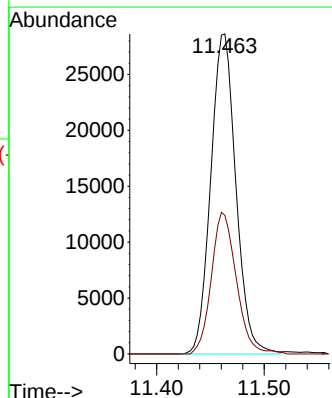
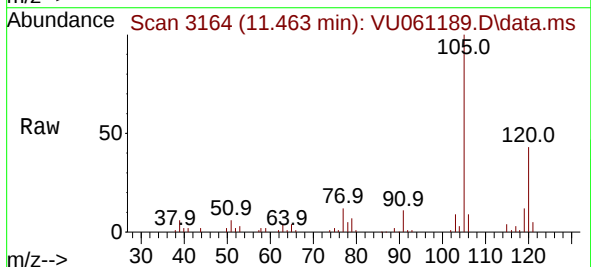
Acq: 23 Oct 2024 09:59

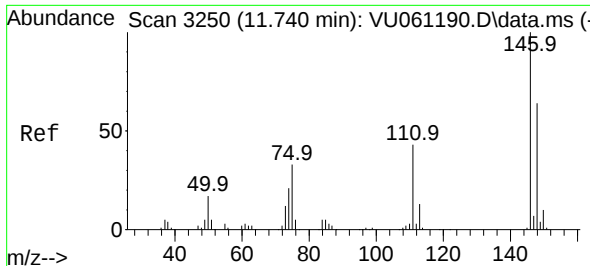
Tgt Ion:105 Resp: 46446

Ion Ratio Lower Upper

105 100

120 44.0 35.4 53.0

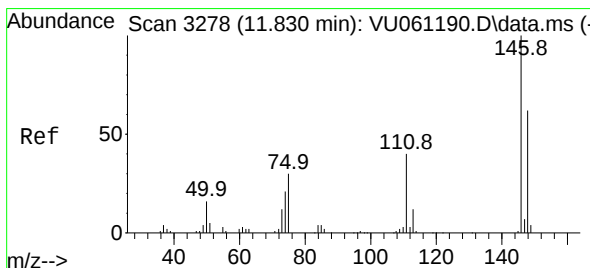
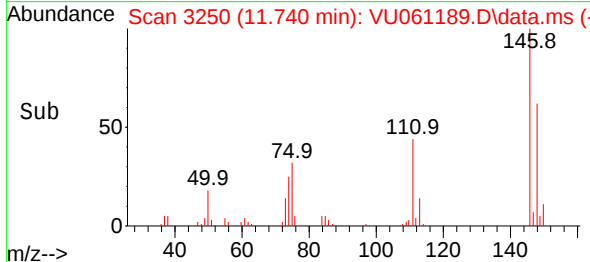
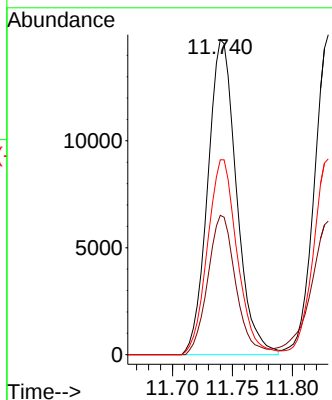
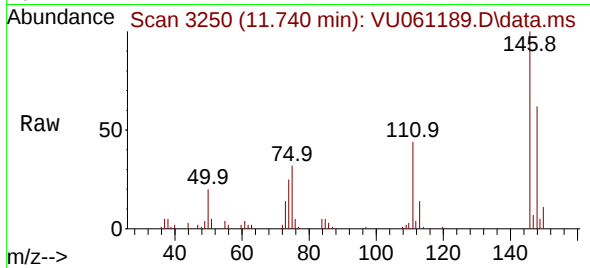




#64
1,3-Dichlorobenzene
Concen: 0.996 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. -0.000 min
Lab File: VU061189.D
Acq: 23 Oct 2024 09:59

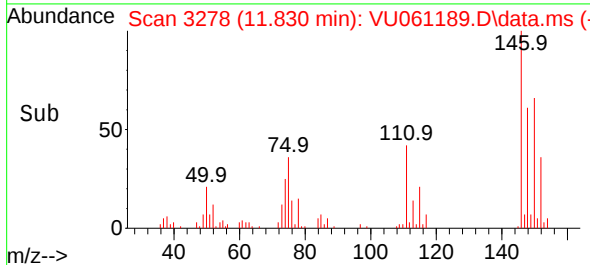
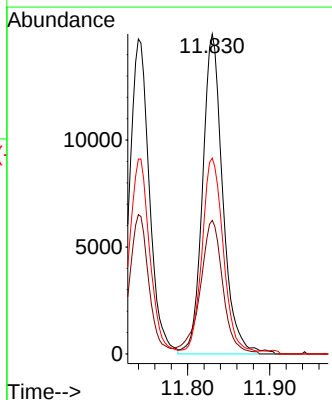
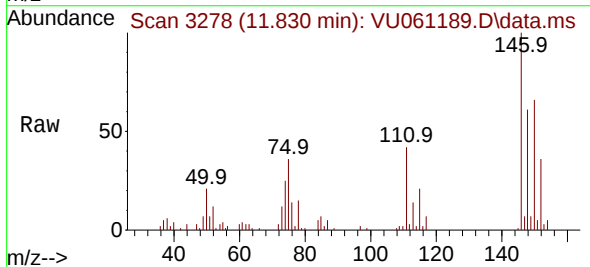
Instrument :
MSVOA_U
ClientSampleId :

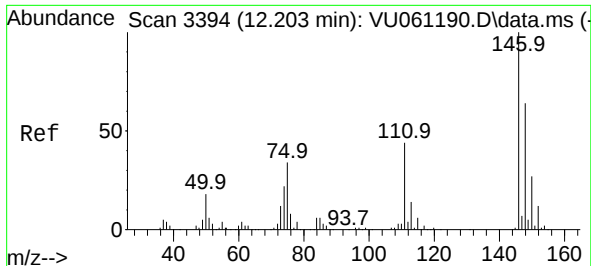
Tgt Ion:146 Resp: 24543
Ion Ratio Lower Upper
146 100
111 44.2 30.0 55.8
148 61.9 45.1 83.7



#65
1,4-Dichlorobenzene
Concen: 1.021 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU061189.D
Acq: 23 Oct 2024 09:59

Tgt Ion:146 Resp: 25640
Ion Ratio Lower Upper
146 100
111 41.8 28.2 52.4
148 61.2 43.3 80.3





#67

1,2-Dichlorobenzene

Concen: 1.015 ug/L

RT: 12.209 min Scan# 3394

Delta R.T. 0.006 min

Lab File: VU061189.D

Acq: 23 Oct 2024 09:59

Instrument :

MSVOA_U

ClientSampleId :

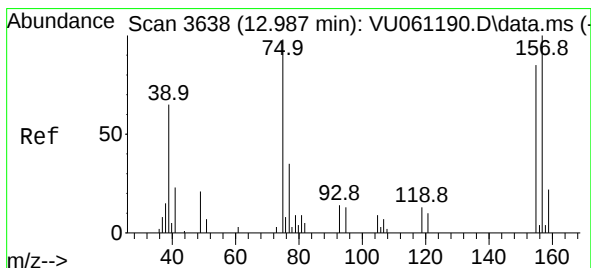
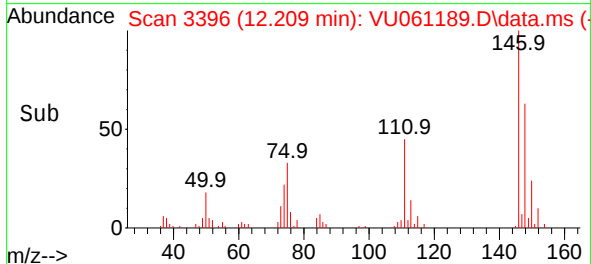
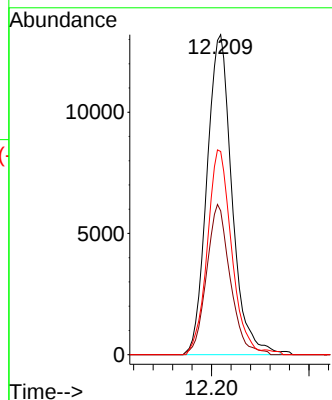
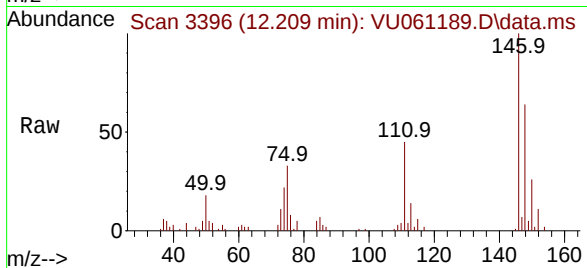
Tgt Ion:146 Resp: 23537

Ion Ratio Lower Upper

146 100

111 45.0 35.2 52.8

148 63.5 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 0.990 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.003 min

Lab File: VU061189.D

Acq: 23 Oct 2024 09:59

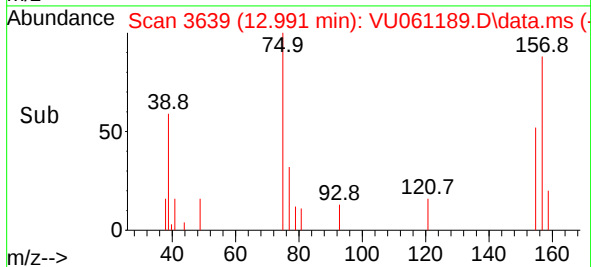
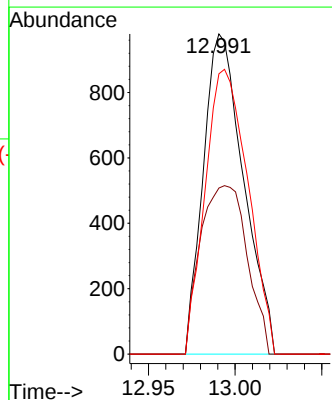
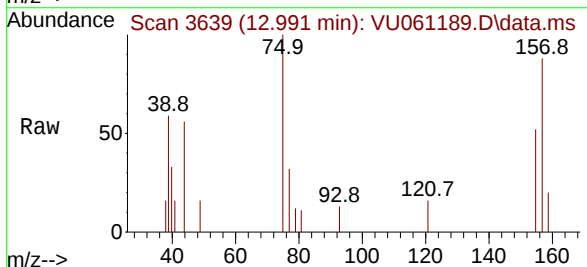
Tgt Ion: 75 Resp: 1587

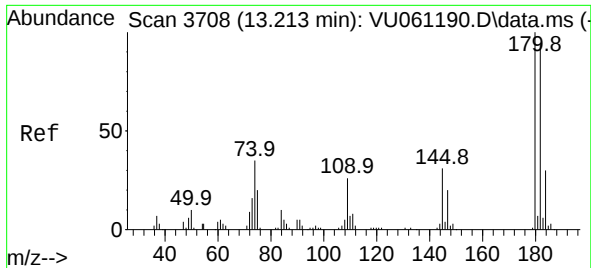
Ion Ratio Lower Upper

75 100

155 51.9 69.3 103.9#

157 87.5 81.4 122.2





#69

1,3,5-Trichlorobenzene

Concen: 0.949 ug/L

RT: 13.216 min Scan# 31

Delta R.T. 0.003 min

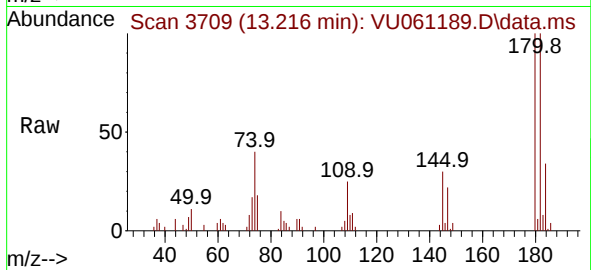
Lab File: VU061189.D

Acq: 23 Oct 2024 09:59

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 16027

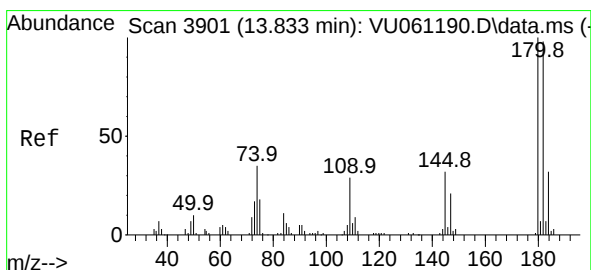
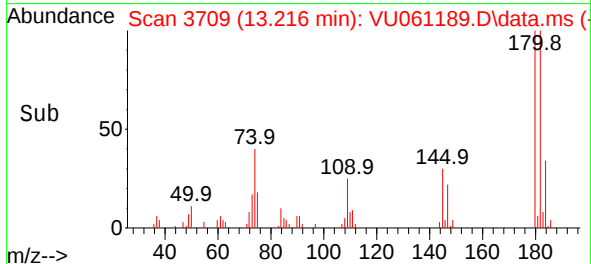
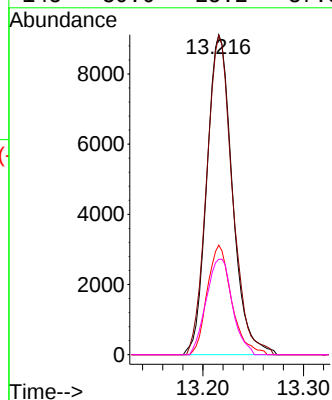
Ion Ratio Lower Upper

180 100

182 100.7 77.4 116.2

184 32.8 24.4 36.6

145 30.6 25.2 37.8



#70

1,2,4-trichlorobenzene

Concen: 0.924 ug/L

RT: 13.839 min Scan# 3903

Delta R.T. 0.006 min

Lab File: VU061189.D

Acq: 23 Oct 2024 09:59

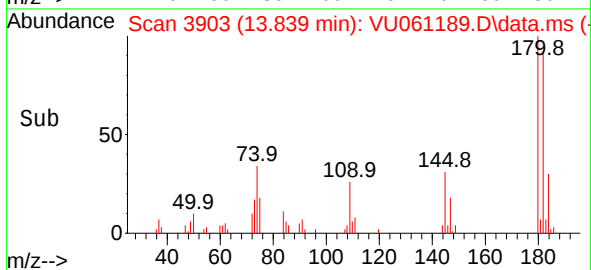
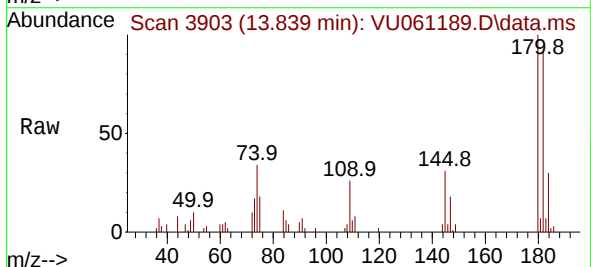
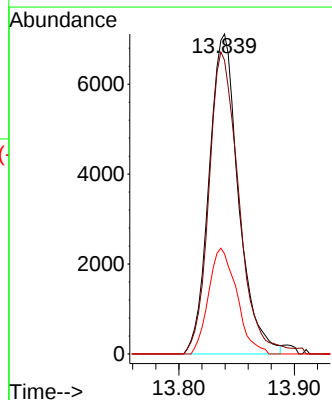
Tgt Ion:180 Resp: 12595

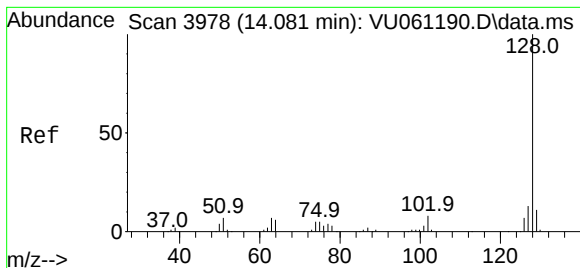
Ion Ratio Lower Upper

180 100

182 96.2 77.2 115.8

145 31.7 25.6 38.4





#71

Naphthalene

Concen: 0.855 ug/L

RT: 14.090 min Scan# 3981

Delta R.T. 0.010 min

Lab File: VU061189.D

Acq: 23 Oct 2024 09:59

Instrument :

MSVOA_U

ClientSampleId :

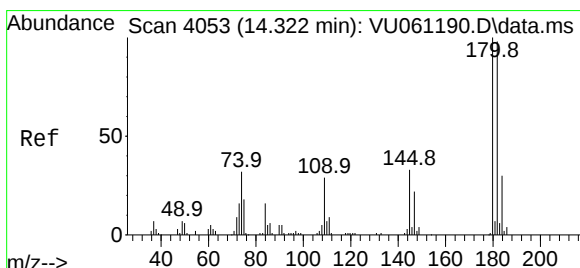
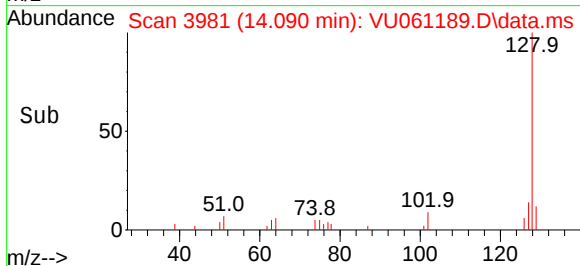
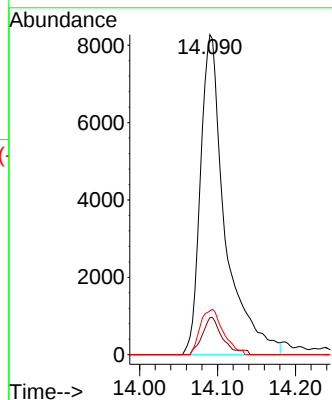
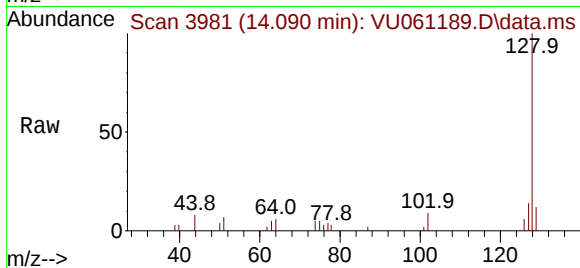
Tgt Ion:128 Resp: 18160

Ion Ratio Lower Upper

128 100

129 9.3 9.0 13.4

127 13.2 10.0 15.0



#72

1,2,3-Trichlorobenzene

Concen: 0.915 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. 0.003 min

Lab File: VU061189.D

Acq: 23 Oct 2024 09:59

Tgt Ion:180 Resp: 10430

Ion Ratio Lower Upper

180 100

182 95.8 76.0 114.0

145 33.6 26.5 39.7

