

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112024\
 Data File : VU061862.D
 Acq On : 20 Nov 2024 12:35
 Operator : MD/SY
 Sample : VSTD010
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 21 00:32:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 21 00:29:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	184962	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	172025	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	98809	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	88917	7.225	ug/L	0.00
7) Chloroethane-d5	1.904	69	79043	8.322	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.557	65	37012	6.838	ug/L	0.00
20) 2-Butanone-d5	4.608	46	297551	96.394	ug/L	0.00
24) Chloroform-d	5.052	84	222016	9.662	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.688	65	111019	9.226	ug/L	0.00
32) Benzene-d6	5.717	84	376024	8.664	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.679	67	128471	8.919	ug/L	0.00
41) Toluene-d8	7.888	98	318665	7.966	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.171	79	49878	8.266	ug/L	0.00
46) 2-Hexanone-d5	8.621	63	214767	85.915	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	138901	12.145	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.183	152	152807	10.131	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	158026	15.335	ug/L	99
3) Chloromethane	1.518	50	159861	11.751	ug/L	99
5) Vinyl chloride	1.599	62	167789	12.211	ug/L	98
6) Bromomethane	1.843	94	98279	13.046	ug/L	100
8) Chloroethane	1.923	64	100580	12.080	ug/L	96
9) Trichlorofluoromethane	2.129	101	209403	11.930	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	132359	11.585	ug/L	99
12) 1,1-Dichloroethene	2.570	96	120465	10.982	ug/L	94
13) Acetone	2.615	43	187098	93.438	ug/L	97
14) Carbon disulfide	2.785	76	391817	10.747	ug/L	99
15) Methyl Acetate	2.939	43	50162	10.185	ug/L	98
16) Methylene chloride	3.036	84	137194	10.951	ug/L	97
17) Methyl tert-butyl Ether	3.351	73	316671	10.400	ug/L	99
18) trans-1,2-Dichloroethene	3.341	96	131406	11.058	ug/L	95
19) 1,1-Dichloroethane	3.856	63	250811	10.878	ug/L	100
21) 2-Butanone	4.685	43	320611	98.475	ug/L	99
22) cis-1,2-Dichloroethene	4.653	96	150061	11.336	ug/L	98
23) Bromochloromethane	4.962	128	64263	11.799	ug/L	98
25) Chloroform	5.074	83	261726	11.168	ug/L	99
27) 1,2-Dichloroethane	5.782	62	164510	10.777	ug/L	98
29) 1,1,1-Trichloroethane	5.303	97	222877	11.053	ug/L	100
30) Cyclohexane	5.377	56	233520	10.553	ug/L	98
31) Carbon tetrachloride	5.515	117	191177	11.236	ug/L	99
33) Benzene	5.762	78	578093	11.266	ug/L	100
34) Trichloroethene	6.531	95	152176	10.916	ug/L	99
35) Methylcyclohexane	6.753	83	241309	10.894	ug/L	99
37) 1,2-Dichloropropane	6.778	63	148992	11.077	ug/L	99
38) Bromodichloromethane	7.094	83	185364	11.018	ug/L	99
39) cis-1,3-Dichloropropene	7.598	75	217212	10.520	ug/L	100
40) 4-Methyl-2-pentanone	7.778	43	815370	98.143	ug/L	99
42) Toluene	7.958	91	621302	11.313	ug/L	98
44) trans-1,3-Dichloropropene	8.200	75	178774	10.532	ug/L	100

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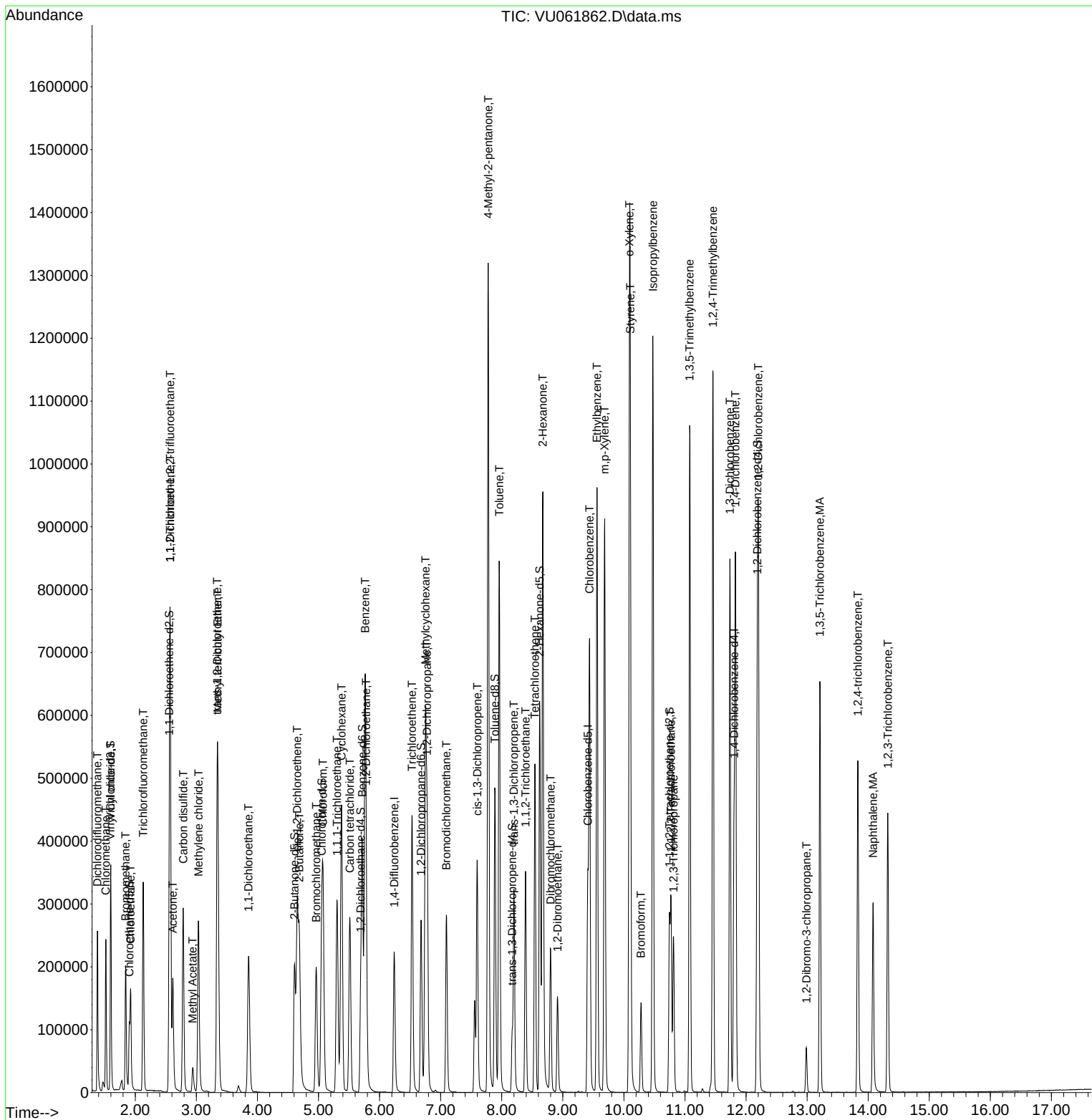
Instrument :
 MSVOA_U
 ClientSampleId :

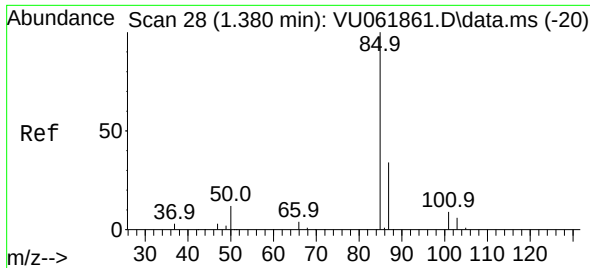
Quant Time: Nov 21 00:32:34 2024
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.389	97	107372	11.709	ug/L	99
47) Tetrachloroethene	8.544	164	106876	11.625	ug/L	99
48) 2-Hexanone	8.672	43	587751	101.965	ug/L	99
49) Dibromochloromethane	8.801	129	113100	10.974	ug/L	95
50) 1,2-Dibromoethane	8.913	107	101843	11.899	ug/L	97
51) Chlorobenzene	9.438	112	375324	11.242	ug/L	98
52) Ethylbenzene	9.560	91	683636	11.137	ug/L	98
53) m,p-Xylene	9.685	106	256757	11.396	ug/L	99
54) o-Xylene	10.090	106	247790	11.249	ug/L	99
55) Styrene	10.106	104	416738	11.664	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.772	83	155773	13.138	ug/L	100
59) Bromoform	10.280	173	61068	9.024	ug/L	99
60) Isopropylbenzene	10.476	105	775795	11.468	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	109241	11.062	ug/L	98
62) 1,3,5-Trimethylbenzene	11.077	105	589806	10.048	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	642094	11.089	ug/L	100
64) 1,3-Dichlorobenzene	11.736	146	335552	11.578	ug/L	99
65) 1,4-Dichlorobenzene	11.826	146	333871	11.657	ug/L	100
67) 1,2-Dichlorobenzene	12.203	146	308200	11.970	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	18323	9.139	ug/L	91
69) 1,3,5-Trichlorobenzene	13.209	180	189096	9.813	ug/L	99
70) 1,2,4-trichlorobenzene	13.830	180	152373	10.302	ug/L	98
71) Naphthalene	14.080	128	246025	10.383	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	129003	10.452	ug/L	99

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

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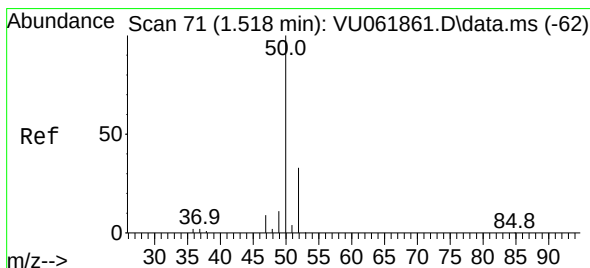
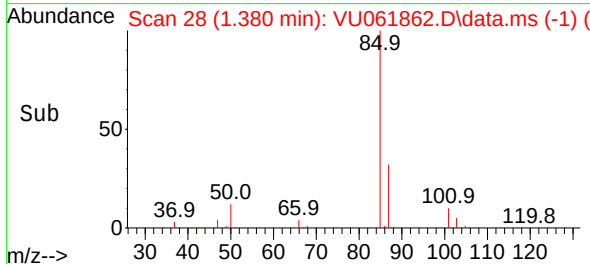
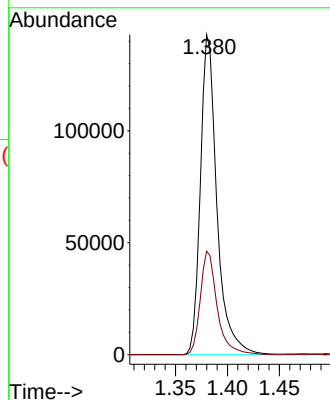
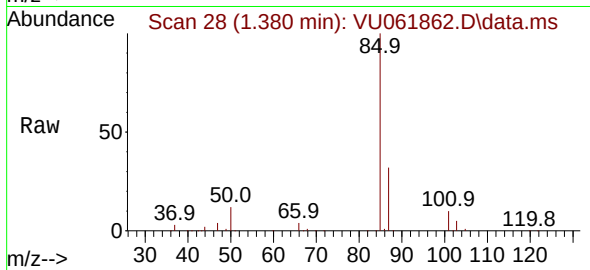




#2
 Dichlorodifluoromethane
 Concen: 15.335 ug/L
 RT: 1.380 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VU061862.D
 Acq: 20 Nov 2024 12:35

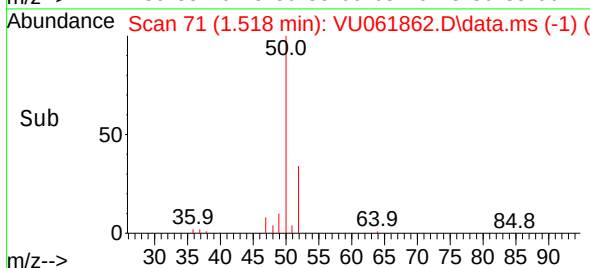
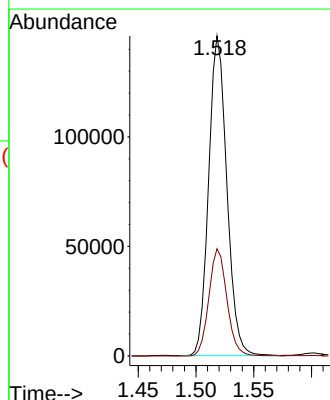
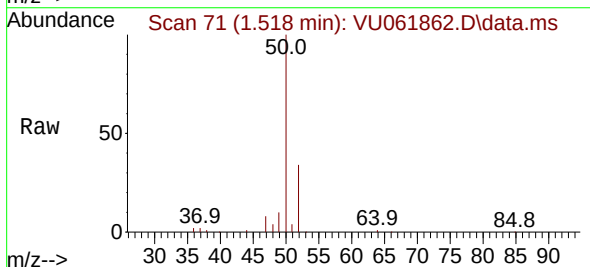
Instrument :
 MSVOA_U
 ClientSampleId :

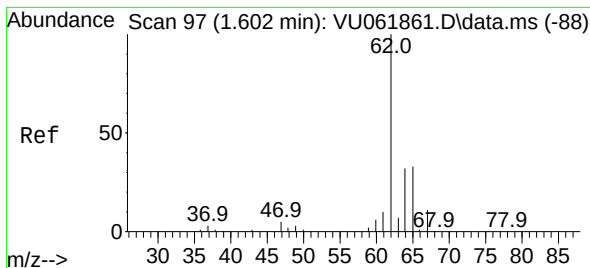
Tgt Ion: 85 Resp: 158026
 Ion Ratio Lower Upper
 85 100
 87 33.0 26.6 40.0



#3
 Chloromethane
 Concen: 11.751 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU061862.D
 Acq: 20 Nov 2024 12:35

Tgt Ion: 50 Resp: 159861
 Ion Ratio Lower Upper
 50 100
 52 33.5 23.1 42.9





#5

Vinyl chloride

Concen: 12.211 ug/L

RT: 1.599 min Scan# 9

Delta R.T. -0.003 min

Lab File: VU061862.D

Acq: 20 Nov 2024 12:35

Instrument :

MSVOA_U

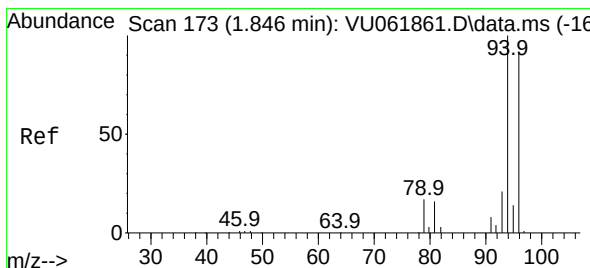
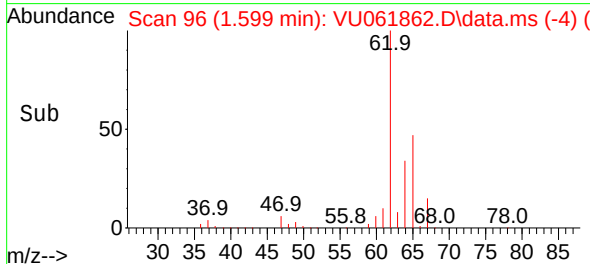
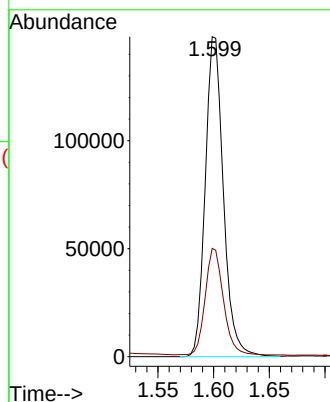
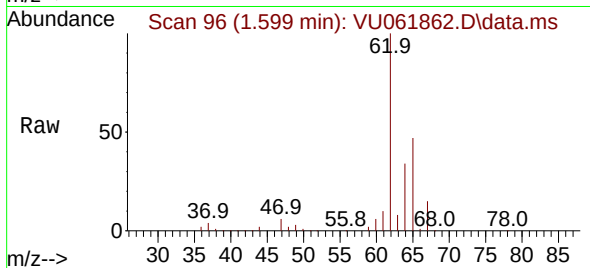
ClientSampleId :

Tgt Ion: 62 Resp: 167789

Ion Ratio Lower Upper

62 100

64 33.8 23.1 42.9



#6

Bromomethane

Concen: 13.046 ug/L

RT: 1.843 min Scan# 172

Delta R.T. -0.003 min

Lab File: VU061862.D

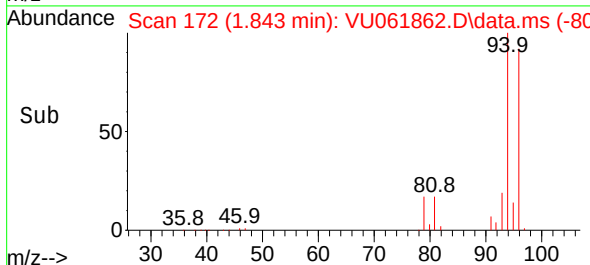
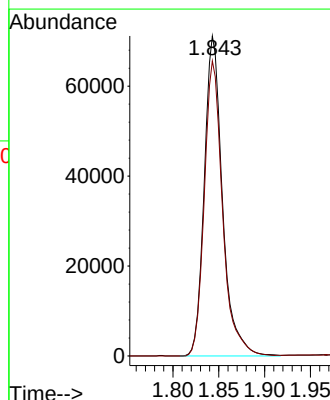
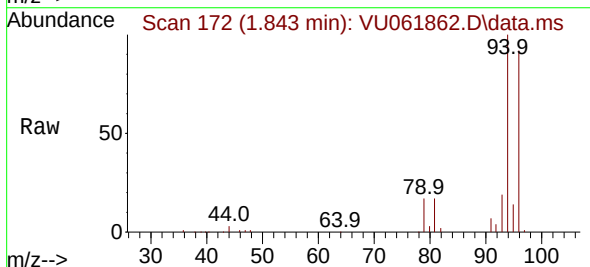
Acq: 20 Nov 2024 12:35

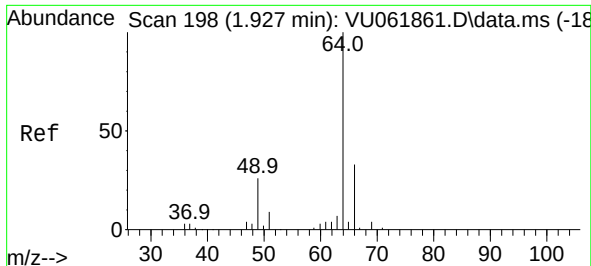
Tgt Ion: 94 Resp: 98279

Ion Ratio Lower Upper

94 100

96 92.2 64.5 119.9

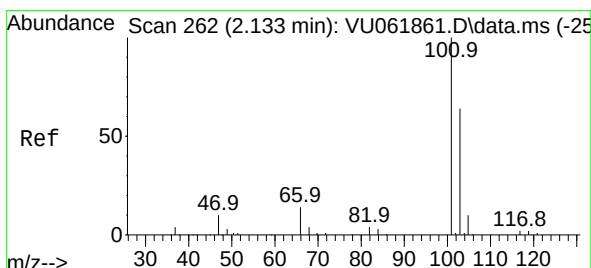
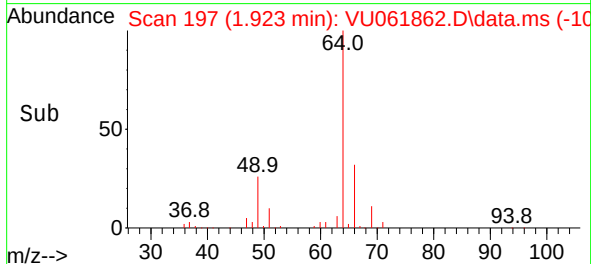
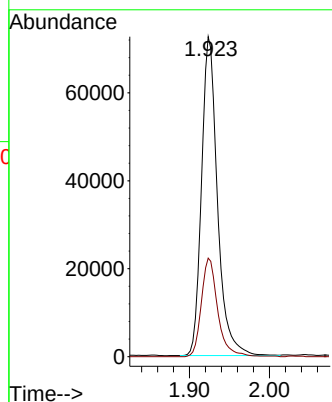
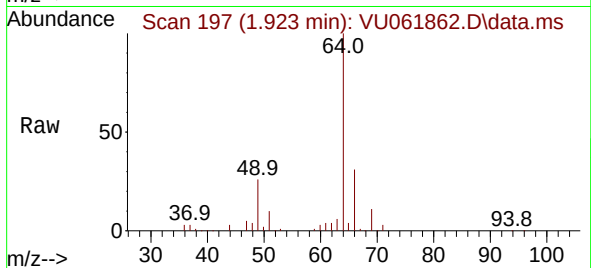




#8
Chloroethane
Concen: 12.080 ug/L
RT: 1.923 min Scan# 197
Delta R.T. -0.003 min
Lab File: VU061862.D
Acq: 20 Nov 2024 12:35

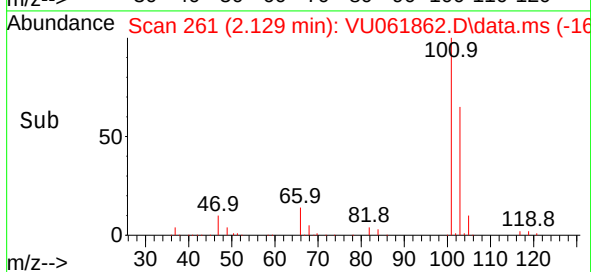
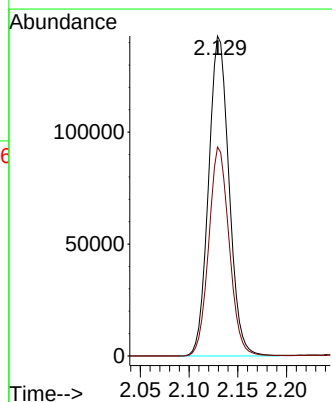
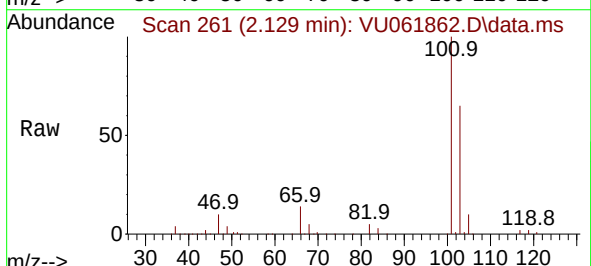
Instrument :
MSVOA_U
ClientSampleId :

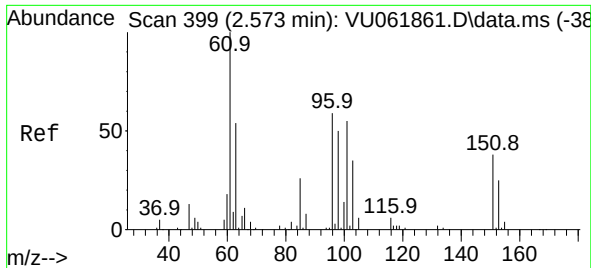
Tgt Ion: 64 Resp: 100580
Ion Ratio Lower Upper
64 100
66 30.8 23.2 43.2



#9
Trichlorofluoromethane
Concen: 11.930 ug/L
RT: 2.129 min Scan# 261
Delta R.T. -0.003 min
Lab File: VU061862.D
Acq: 20 Nov 2024 12:35

Tgt Ion:101 Resp: 209403
Ion Ratio Lower Upper
101 100
103 65.2 50.6 75.8

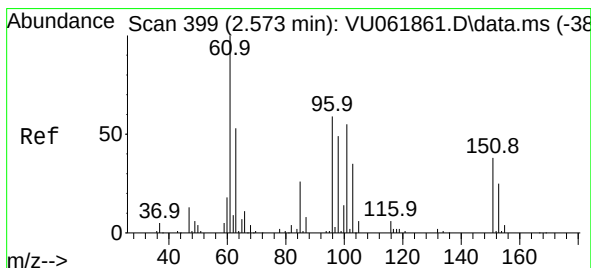
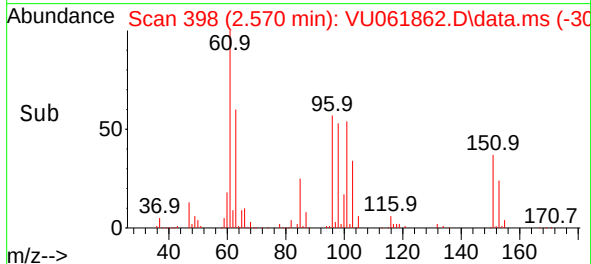
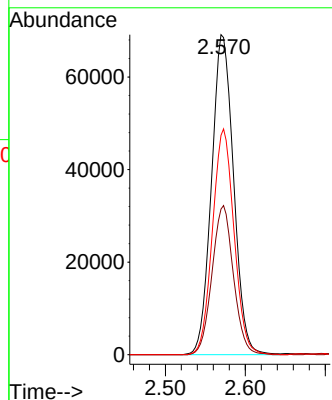
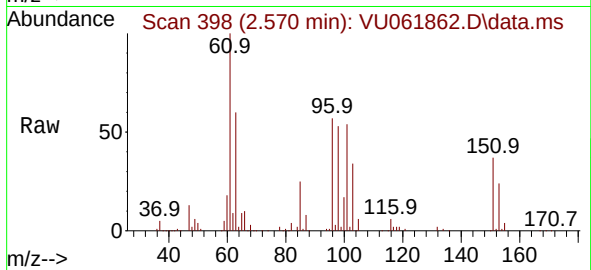




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 11.585 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.003 min
Lab File: VU061862.D
Acq: 20 Nov 2024 12:35

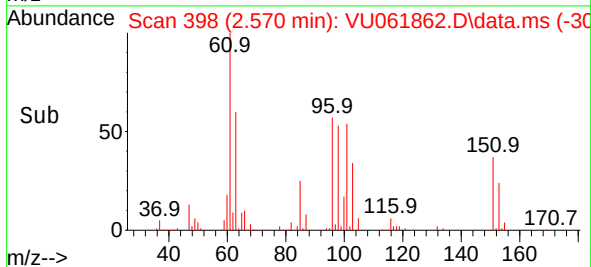
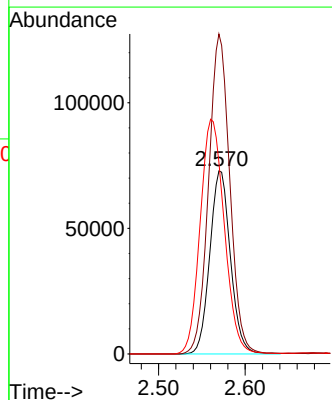
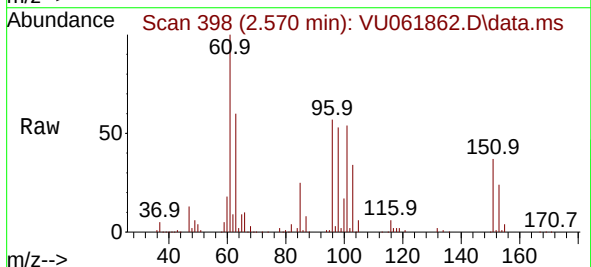
Instrument :
MSVOA_U
ClientSampleId :

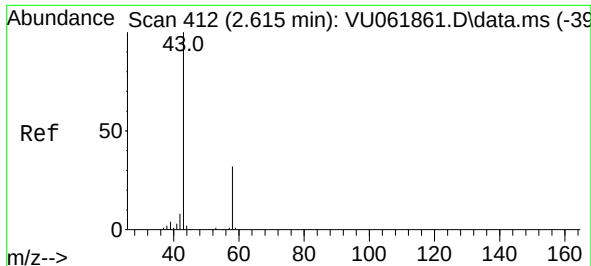
Tgt Ion:101 Resp: 132359
Ion Ratio Lower Upper
101 100
85 45.2 38.0 57.0
151 69.0 55.3 82.9



#12
1,1-Dichloroethene
Concen: 10.982 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.003 min
Lab File: VU061862.D
Acq: 20 Nov 2024 12:35

Tgt Ion: 96 Resp: 120465
Ion Ratio Lower Upper
96 100
61 174.8 119.6 222.2
63 104.6 65.0 120.6





#13

Acetone

Concen: 93.438 ug/L

RT: 2.615 min Scan# 412

Delta R.T. -0.000 min

Lab File: VU061862.D

Acq: 20 Nov 2024 12:35

Instrument :

MSVOA_U

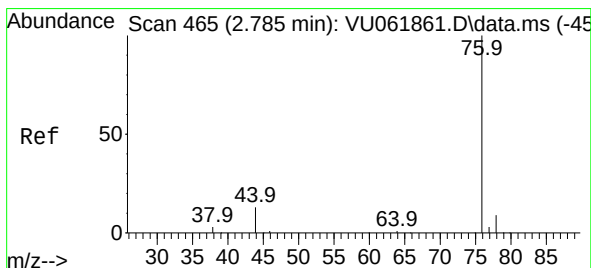
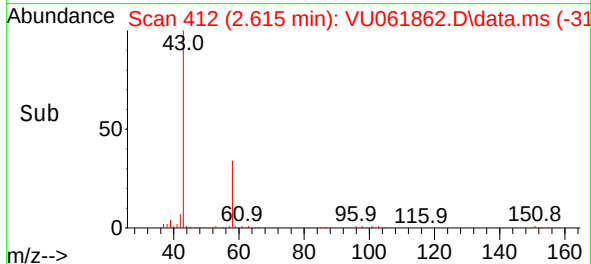
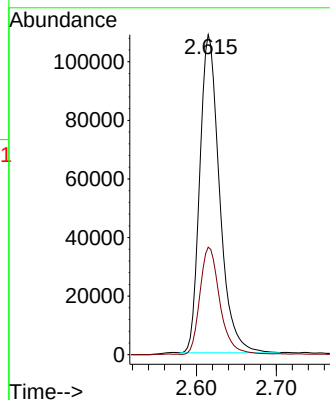
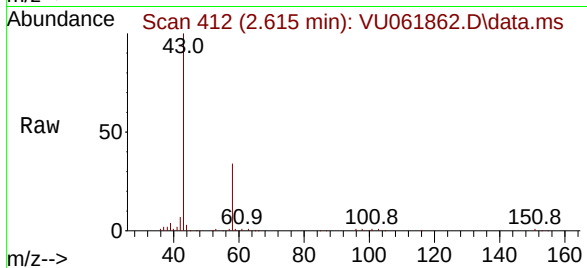
ClientSampleId :

Tgt Ion: 43 Resp: 187098

Ion Ratio Lower Upper

43 100

58 33.9 0.0 64.0



#14

Carbon disulfide

Concen: 10.747 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.000 min

Lab File: VU061862.D

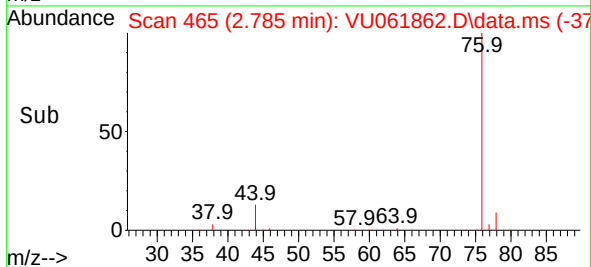
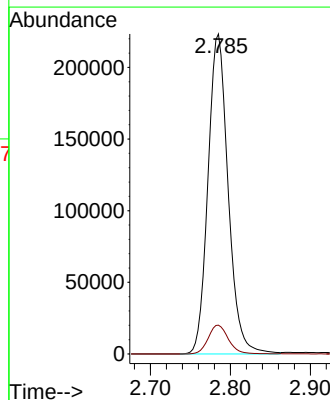
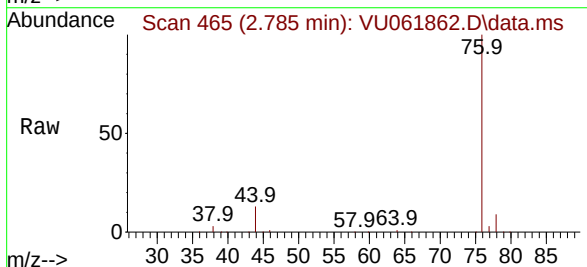
Acq: 20 Nov 2024 12:35

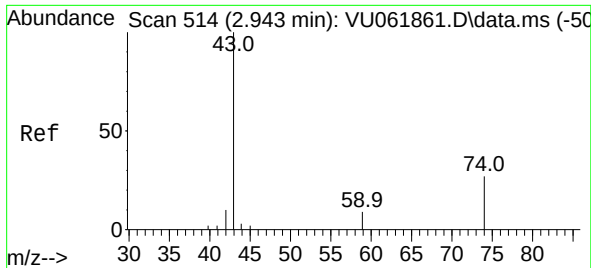
Tgt Ion: 76 Resp: 391817

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3

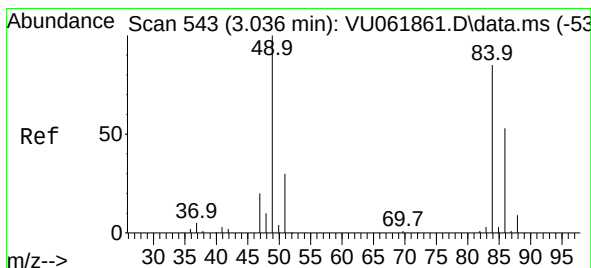
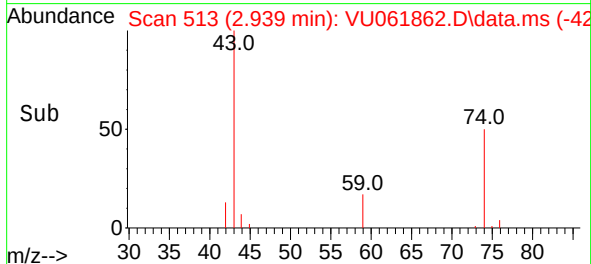
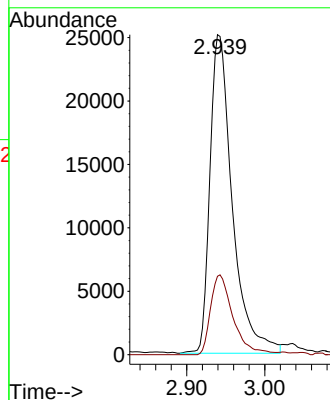
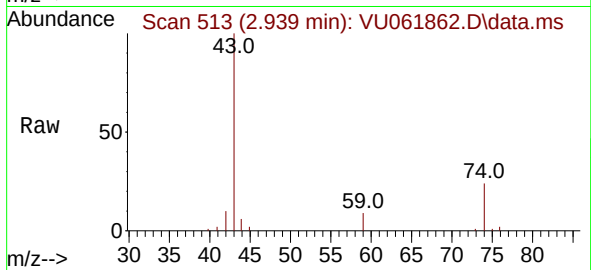




#15
Methyl Acetate
Concen: 10.185 ug/L
RT: 2.939 min Scan# 514
Delta R.T. -0.003 min
Lab File: VU061862.D
Acq: 20 Nov 2024 12:35

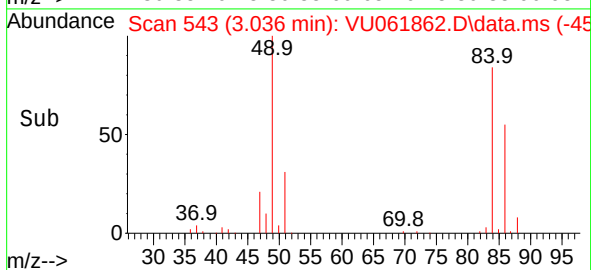
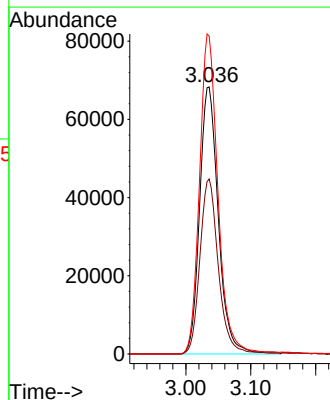
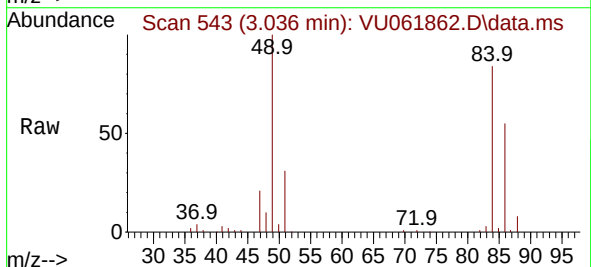
Instrument :
MSVOA_U
ClientSampleId :

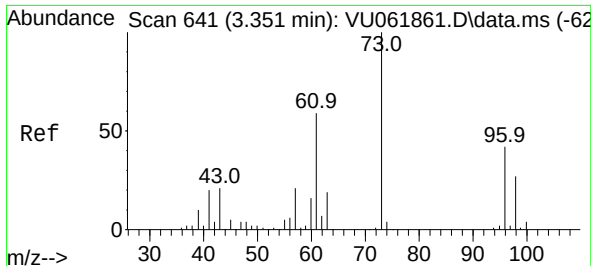
Tgt Ion: 43 Resp: 50162
Ion Ratio Lower Upper
43 100
74 25.2 19.4 29.2



#16
Methylene chloride
Concen: 10.951 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.000 min
Lab File: VU061862.D
Acq: 20 Nov 2024 12:35

Tgt Ion: 84 Resp: 137194
Ion Ratio Lower Upper
84 100
86 65.5 43.5 80.7
49 119.1 81.9 152.1

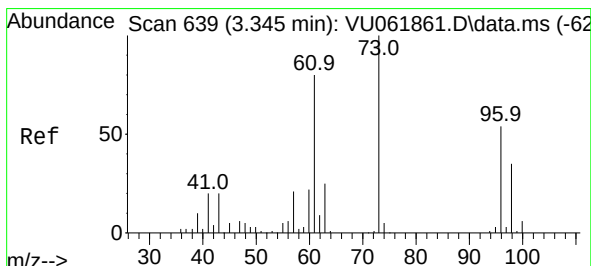
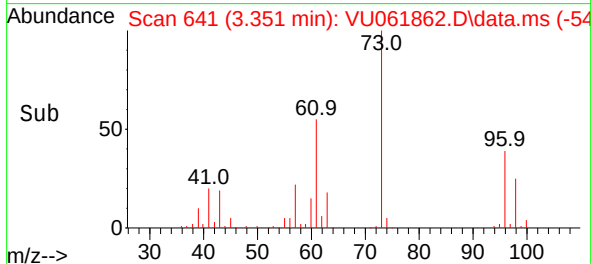
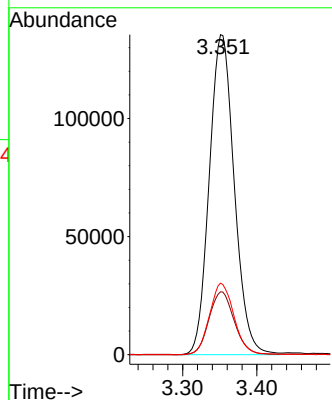
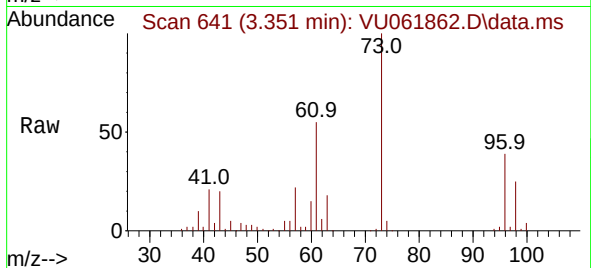




#17
Methyl tert-butyl Ether
Concen: 10.400 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU061862.D
Acq: 20 Nov 2024 12:35

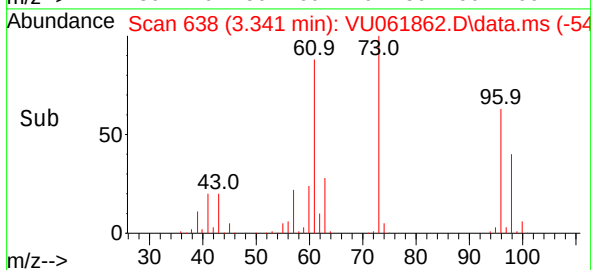
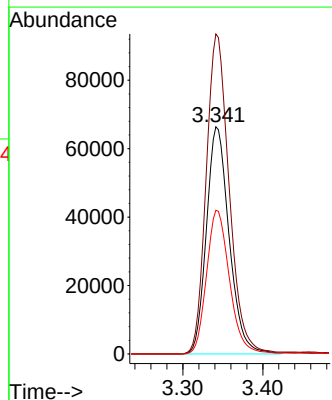
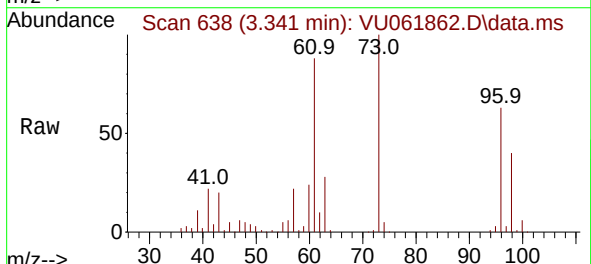
Instrument :
MSVOA_U
ClientSampleId :

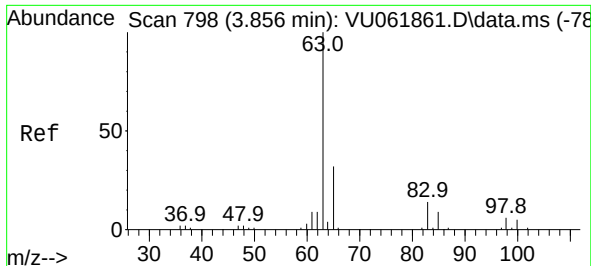
Tgt Ion: 73 Resp: 316671
Ion Ratio Lower Upper
73 100
43 20.0 16.3 24.5
57 21.9 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 11.058 ug/L
RT: 3.341 min Scan# 638
Delta R.T. -0.003 min
Lab File: VU061862.D
Acq: 20 Nov 2024 12:35

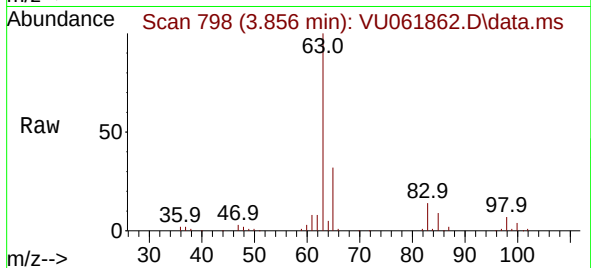
Tgt Ion: 96 Resp: 131406
Ion Ratio Lower Upper
96 100
61 140.9 104.2 193.4
98 63.3 45.7 84.9



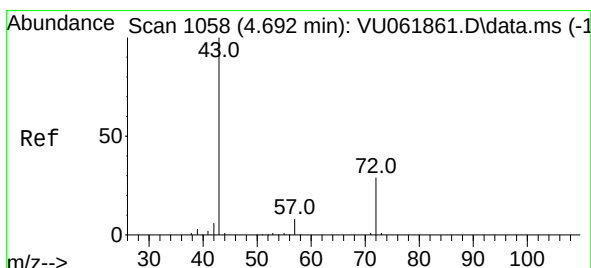
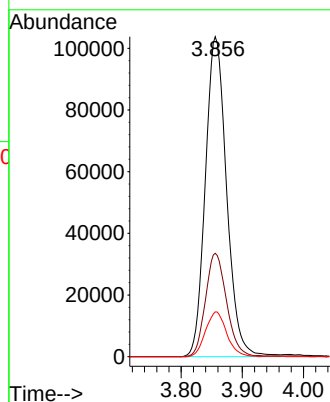
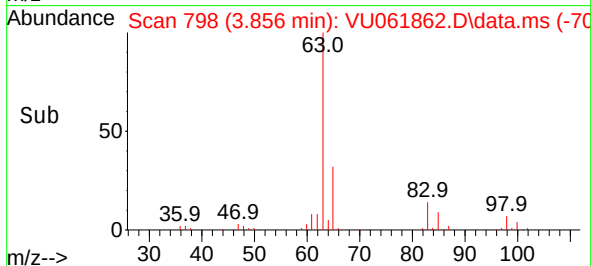


#19
1,1-Dichloroethane
Concen: 10.878 ug/L
RT: 3.856 min Scan# 798
Delta R.T. -0.000 min
Lab File: VU061862.D
Acq: 20 Nov 2024 12:35

Instrument :
MSVOA_U
ClientSampleId :

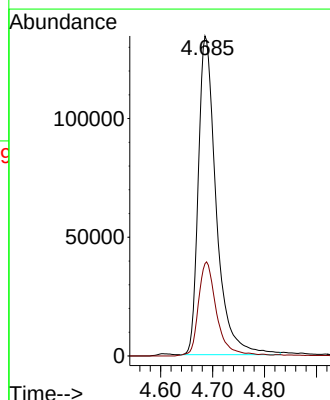
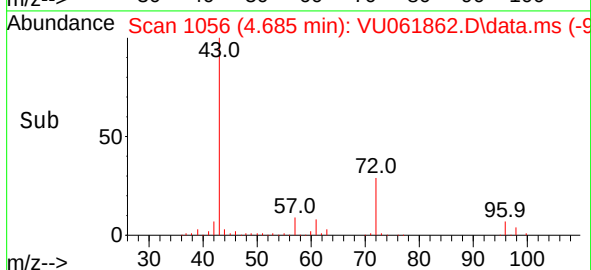
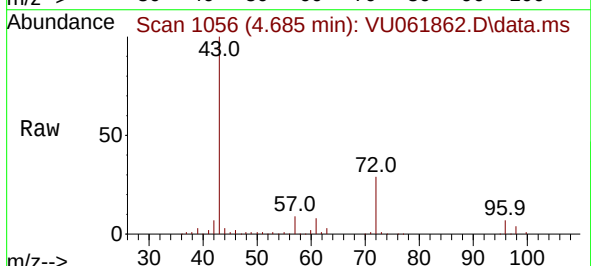


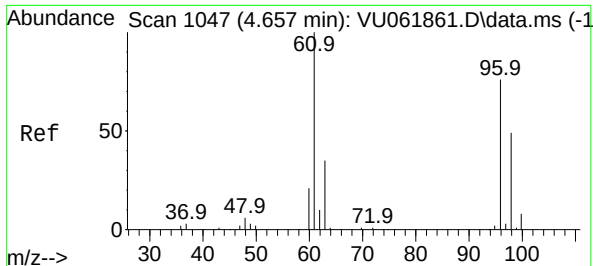
Tgt Ion: 63 Resp: 250811
Ion Ratio Lower Upper
63 100
65 32.3 22.7 42.3
83 14.0 9.9 18.3



#21
2-Butanone
Concen: 98.475 ug/L
RT: 4.685 min Scan# 1056
Delta R.T. -0.007 min
Lab File: VU061862.D
Acq: 20 Nov 2024 12:35

Tgt Ion: 43 Resp: 320611
Ion Ratio Lower Upper
43 100
72 29.9 14.8 44.4

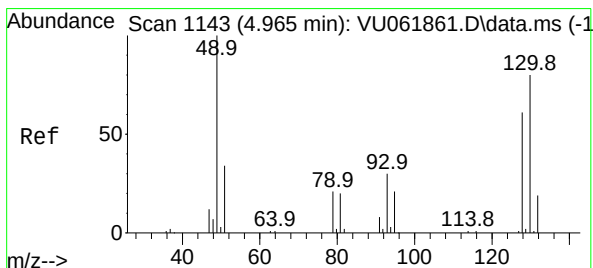
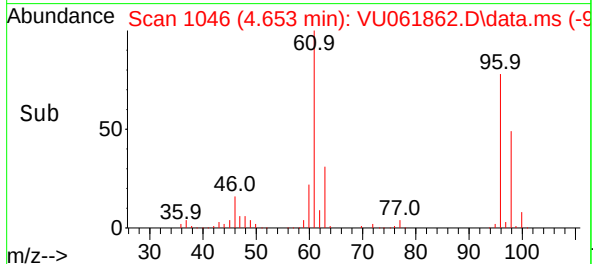
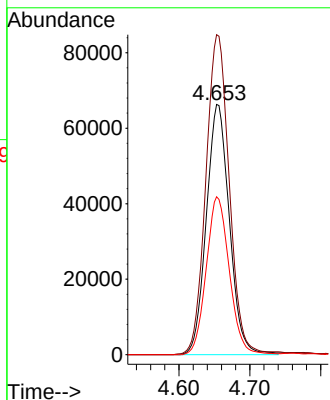
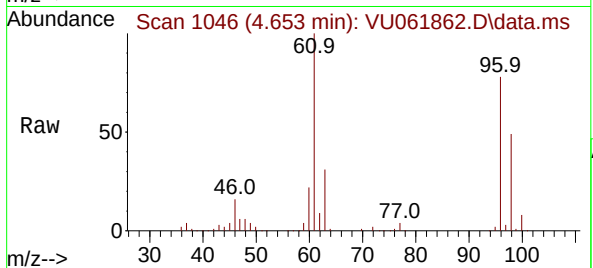




#22
cis-1,2-Dichloroethene
Concen: 11.336 ug/L
RT: 4.653 min Scan# 1104
Delta R.T. -0.003 min
Lab File: VU061862.D
Acq: 20 Nov 2024 12:35

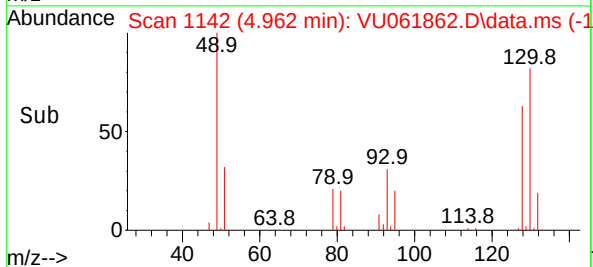
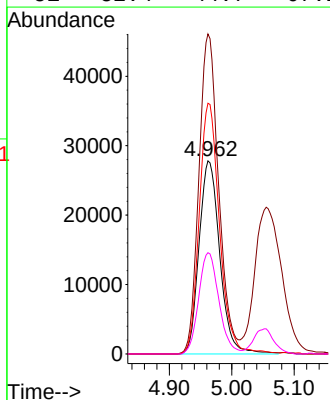
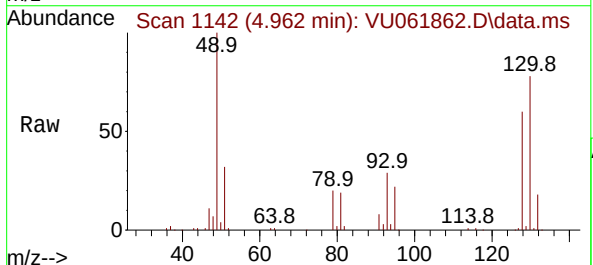
Instrument :
MSVOA_U
ClientSampleId :

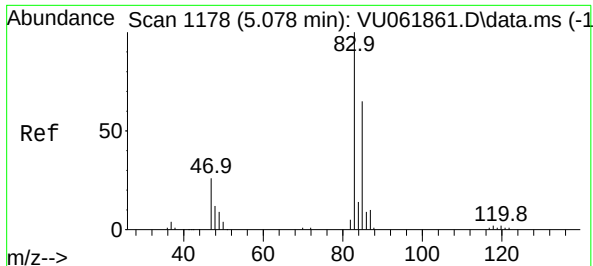
Tgt Ion: 96 Resp: 150061
Ion Ratio Lower Upper
96 100
61 127.9 92.0 170.8
98 63.1 44.5 82.7



#23
Bromochloromethane
Concen: 11.799 ug/L
RT: 4.962 min Scan# 1142
Delta R.T. -0.003 min
Lab File: VU061862.D
Acq: 20 Nov 2024 12:35

Tgt Ion:128 Resp: 64263
Ion Ratio Lower Upper
128 100
49 165.7 115.3 214.1
130 129.8 92.0 170.8
51 52.4 44.7 67.1





#25

Chloroform

Concen: 11.168 ug/L

RT: 5.074 min Scan# 1178

Delta R.T. -0.003 min

Lab File: VU061862.D

Acq: 20 Nov 2024 12:35

Instrument :

MSVOA_U

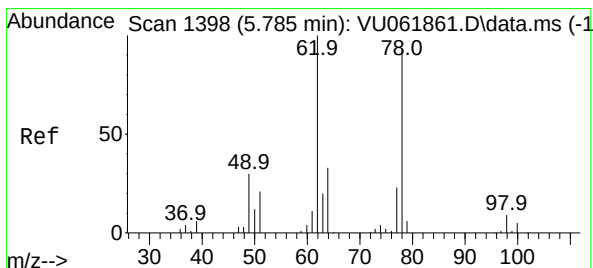
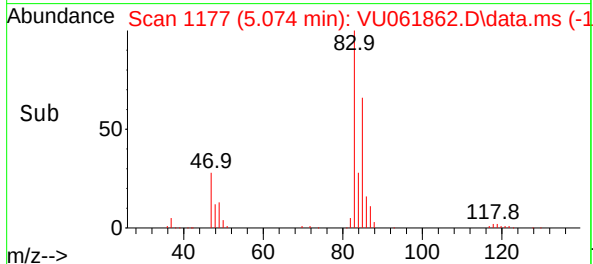
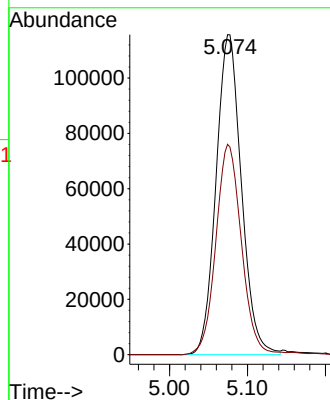
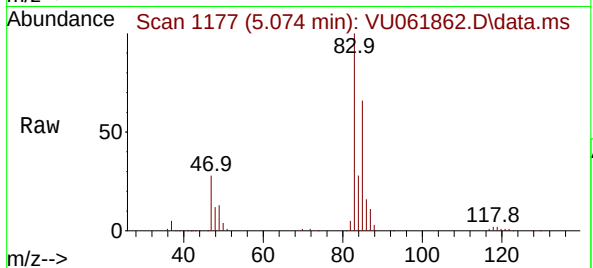
ClientSampleId :

Tgt Ion: 83 Resp: 261726

Ion Ratio Lower Upper

83 100

85 65.7 45.4 84.2



#27

1,2-Dichloroethane

Concen: 10.777 ug/L

RT: 5.782 min Scan# 1397

Delta R.T. -0.003 min

Lab File: VU061862.D

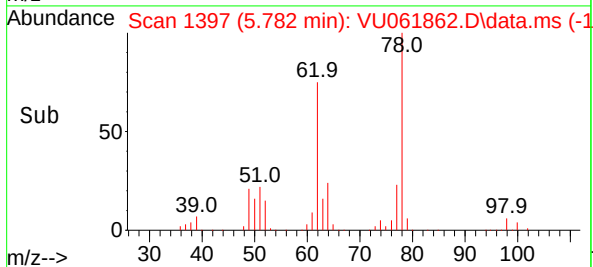
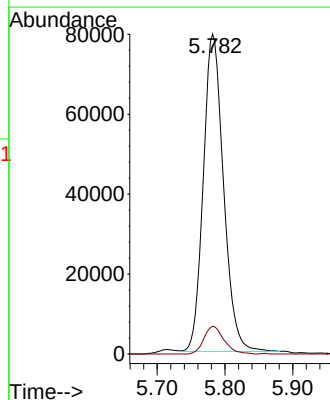
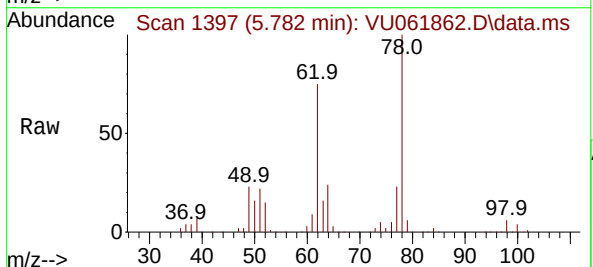
Acq: 20 Nov 2024 12:35

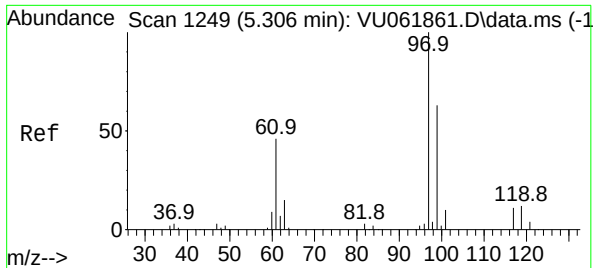
Tgt Ion: 62 Resp: 164510

Ion Ratio Lower Upper

62 100

98 8.6 7.4 11.0

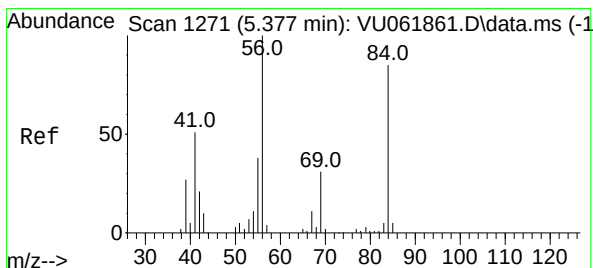
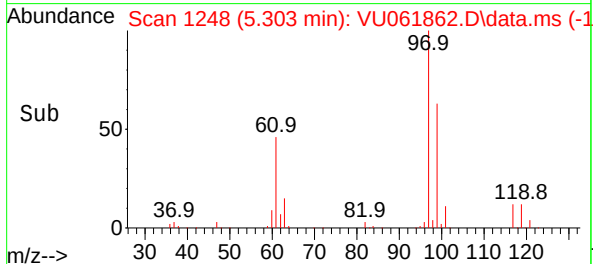
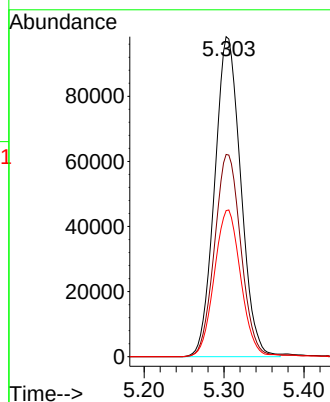
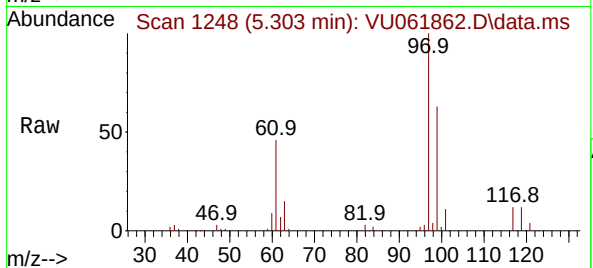




#29
1,1,1-Trichloroethane
Concen: 11.053 ug/L
RT: 5.303 min Scan# 1248
Delta R.T. -0.003 min
Lab File: VU061862.D
Acq: 20 Nov 2024 12:35

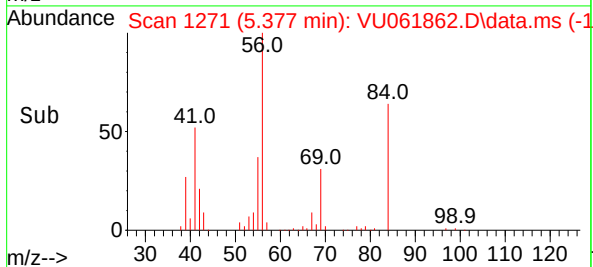
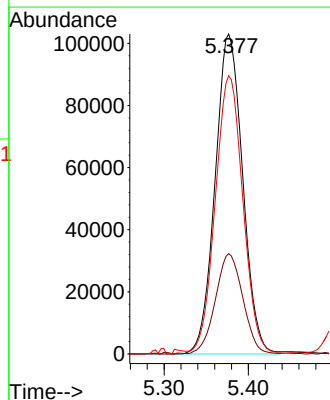
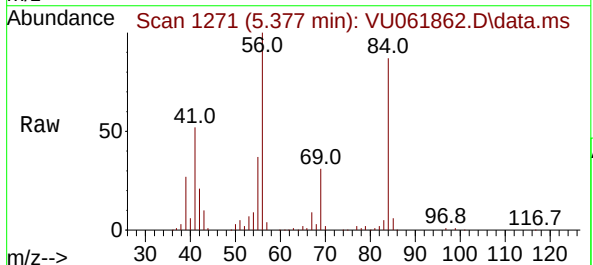
Instrument :
MSVOA_U
ClientSampleId :

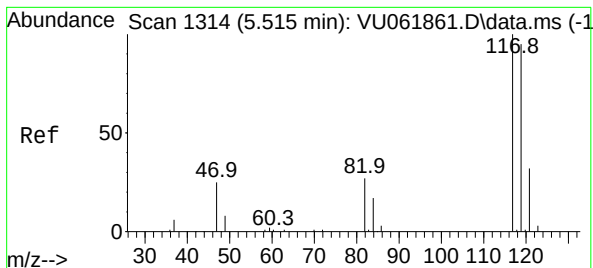
Tgt Ion: 97 Resp: 222877
Ion Ratio Lower Upper
97 100
99 64.1 51.4 77.2
61 46.9 37.8 56.6



#30
Cyclohexane
Concen: 10.553 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.000 min
Lab File: VU061862.D
Acq: 20 Nov 2024 12:35

Tgt Ion: 56 Resp: 233520
Ion Ratio Lower Upper
56 100
69 30.8 25.1 37.7
84 85.6 70.6 105.8





#31

Carbon tetrachloride

Concen: 11.236 ug/L

RT: 5.515 min Scan# 1314

Delta R.T. -0.000 min

Lab File: VU061862.D

Acq: 20 Nov 2024 12:35

Instrument :

MSVOA_U

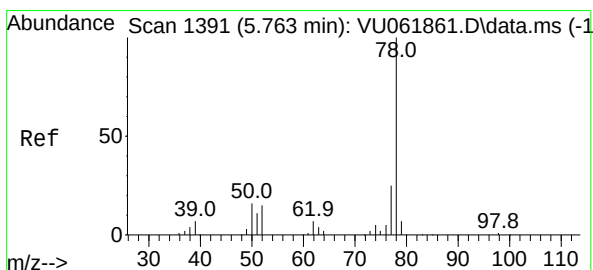
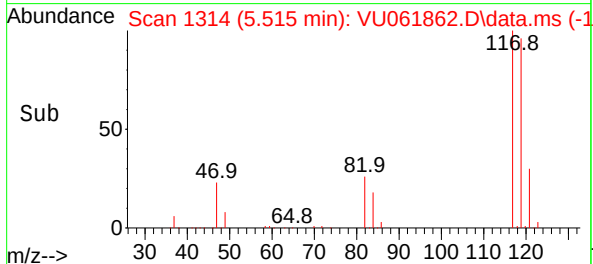
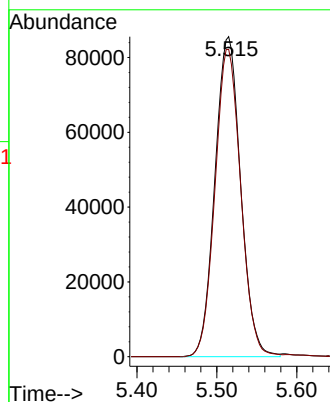
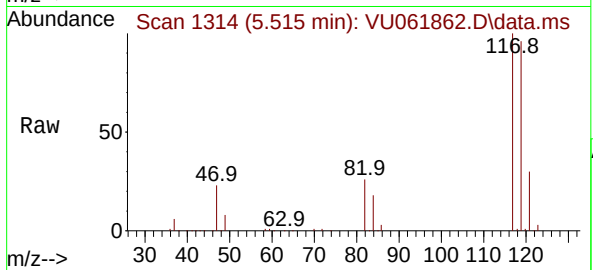
ClientSampleId :

Tgt Ion:117 Resp: 191177

Ion Ratio Lower Upper

117 100

119 96.0 77.5 116.3



#33

Benzene

Concen: 11.266 ug/L

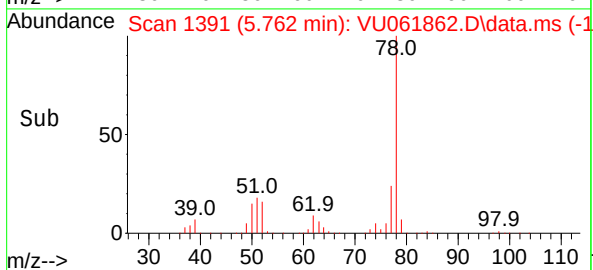
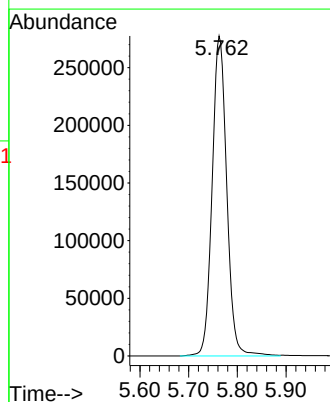
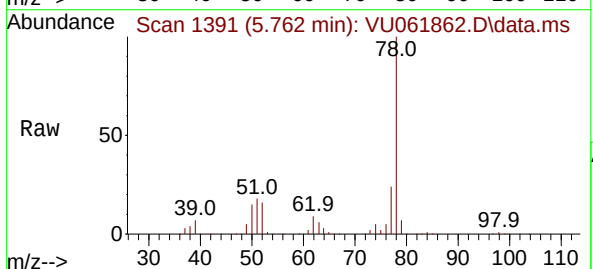
RT: 5.762 min Scan# 1391

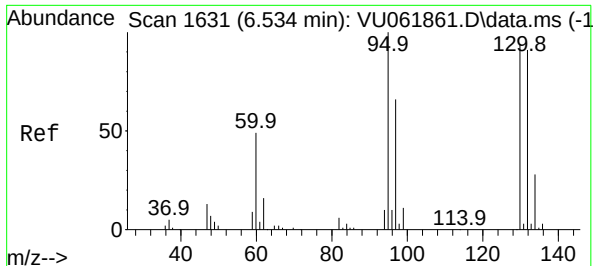
Delta R.T. -0.000 min

Lab File: VU061862.D

Acq: 20 Nov 2024 12:35

Tgt Ion: 78 Resp: 578093





#34

Trichloroethene

Concen: 10.916 ug/L

RT: 6.531 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU061862.D

Acq: 20 Nov 2024 12:35

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 152176

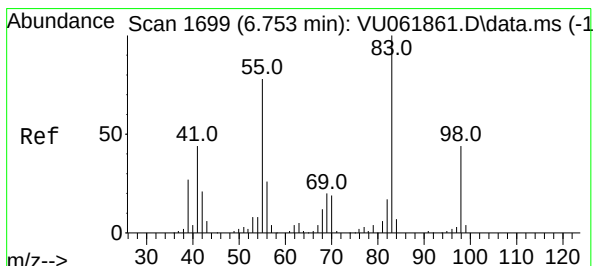
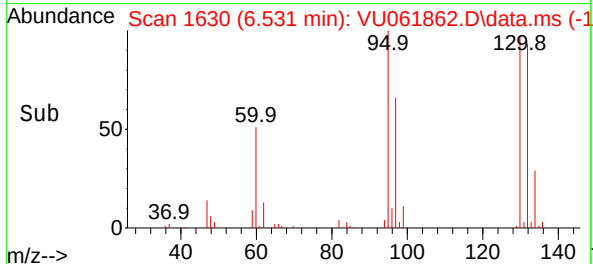
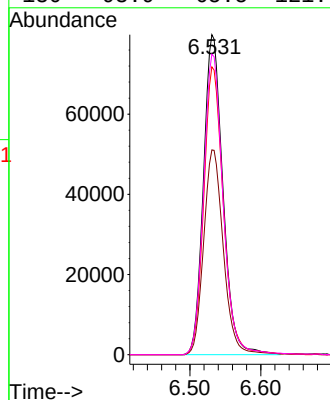
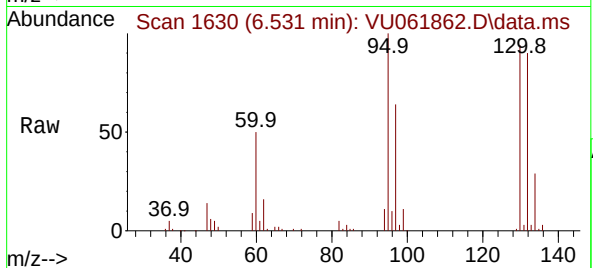
Ion Ratio Lower Upper

95 100

97 64.0 45.9 85.3

132 90.0 63.8 118.4

130 93.9 65.5 121.7



#35

Methylcyclohexane

Concen: 10.894 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. -0.000 min

Lab File: VU061862.D

Acq: 20 Nov 2024 12:35

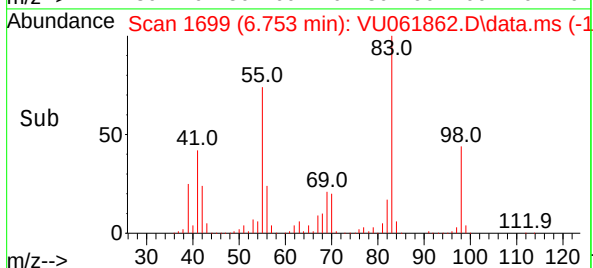
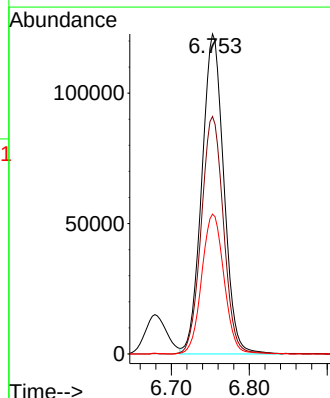
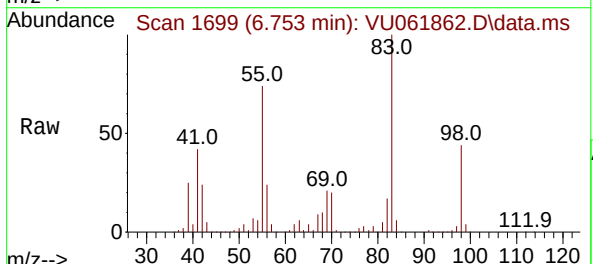
Tgt Ion: 83 Resp: 241309

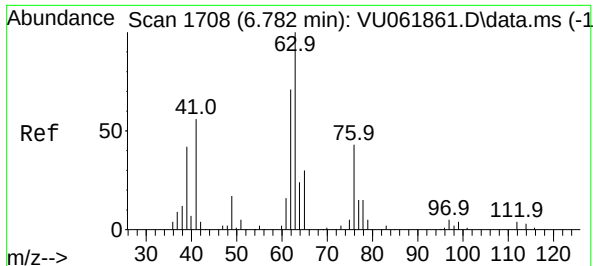
Ion Ratio Lower Upper

83 100

55 74.9 60.7 91.1

98 44.2 34.8 52.2

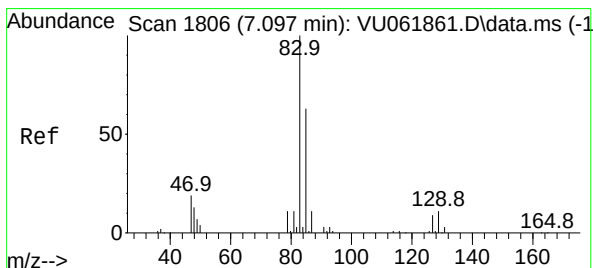
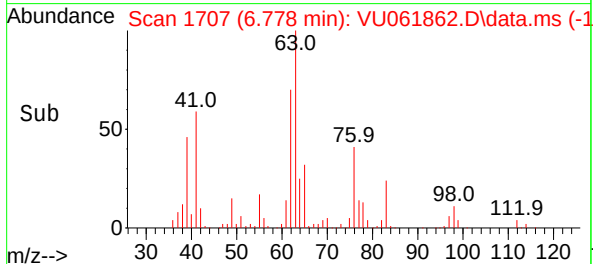
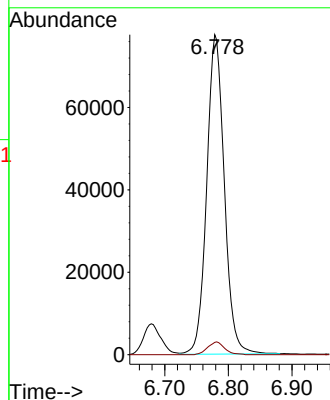
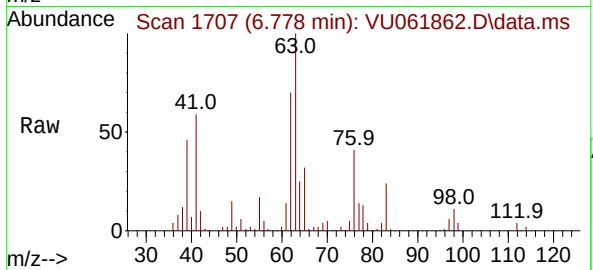




#37
1,2-Dichloropropane
Concen: 11.077 ug/L
RT: 6.778 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU061862.D
Acq: 20 Nov 2024 12:35

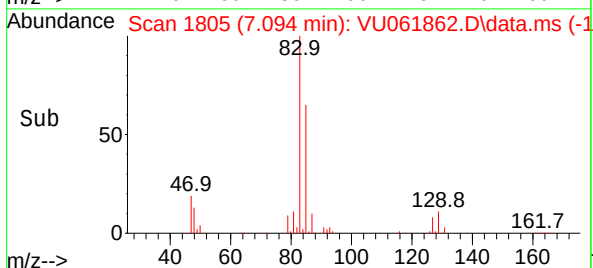
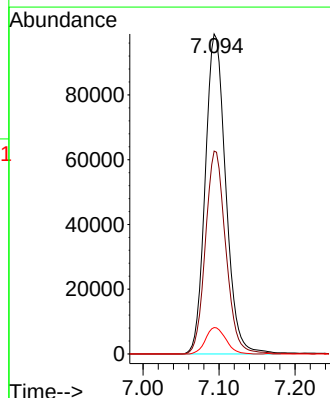
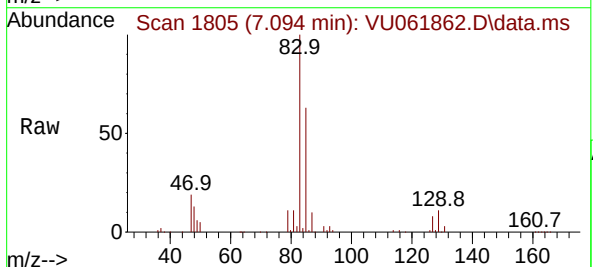
Instrument :
MSVOA_U
ClientSampleId :

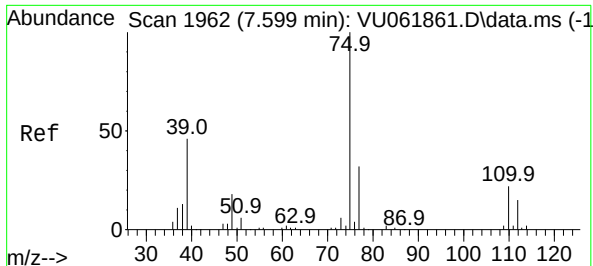
Tgt Ion: 63 Resp: 148992
Ion Ratio Lower Upper
63 100
112 3.9 3.4 5.0



#38
Bromodichloromethane
Concen: 11.018 ug/L
RT: 7.094 min Scan# 1805
Delta R.T. -0.003 min
Lab File: VU061862.D
Acq: 20 Nov 2024 12:35

Tgt Ion: 83 Resp: 185364
Ion Ratio Lower Upper
83 100
85 63.4 44.1 81.9
127 8.2 6.9 10.3

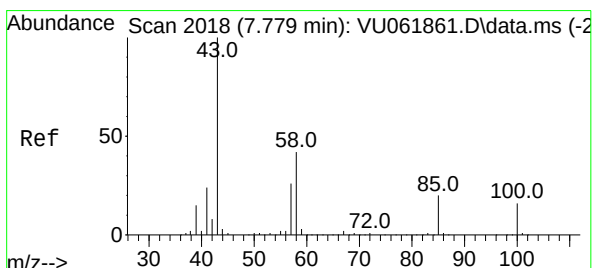
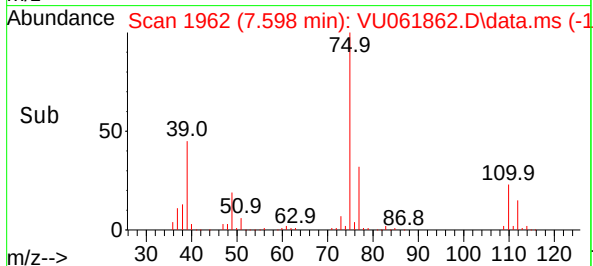
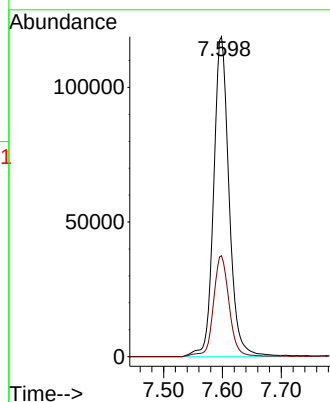
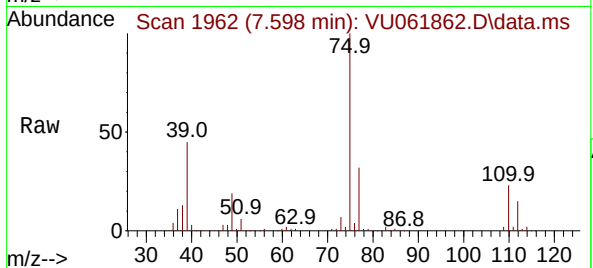




#39
 cis-1,3-Dichloropropene
 Concen: 10.520 ug/L
 RT: 7.598 min Scan# 1962
 Delta R.T. -0.000 min
 Lab File: VU061862.D
 Acq: 20 Nov 2024 12:35

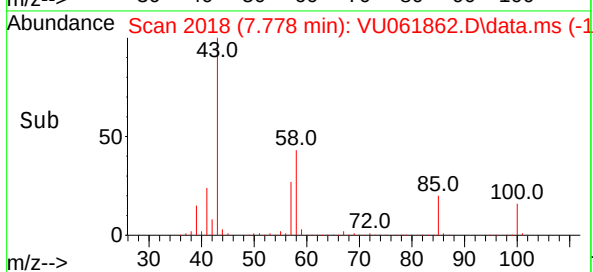
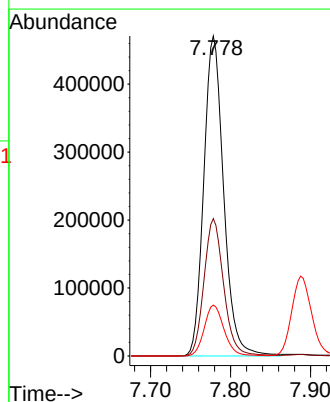
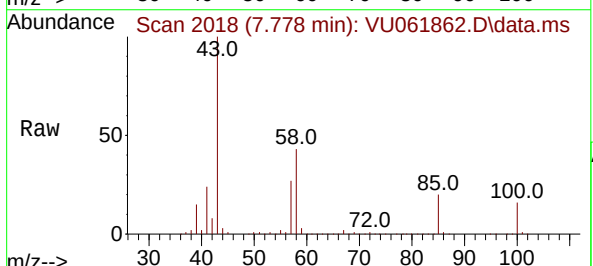
Instrument :
 MSVOA_U
 ClientSampleId :

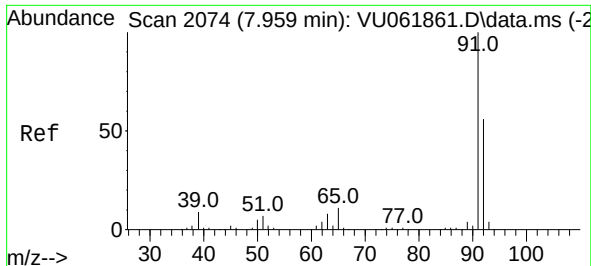
Tgt Ion: 75 Resp: 217212
 Ion Ratio Lower Upper
 75 100
 77 31.5 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 98.143 ug/L
 RT: 7.778 min Scan# 2018
 Delta R.T. -0.000 min
 Lab File: VU061862.D
 Acq: 20 Nov 2024 12:35

Tgt Ion: 43 Resp: 815370
 Ion Ratio Lower Upper
 43 100
 58 42.5 33.3 49.9
 100 15.8 12.4 18.6





#42

Toluene

Concen: 11.313 ug/L

RT: 7.958 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VU061862.D

Acq: 20 Nov 2024 12:35

Instrument :

MSVOA_U

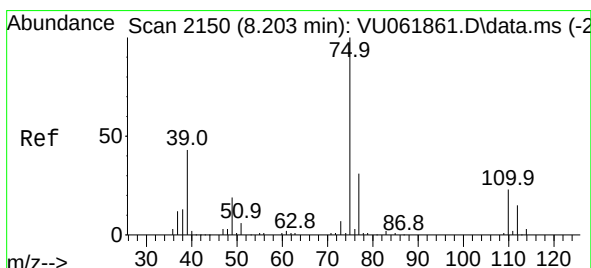
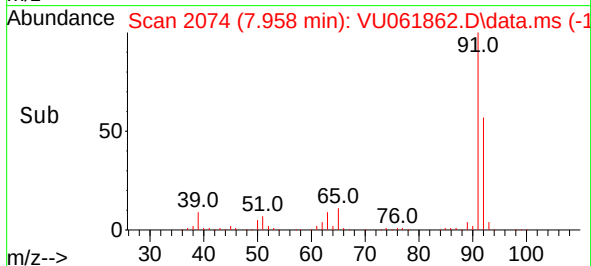
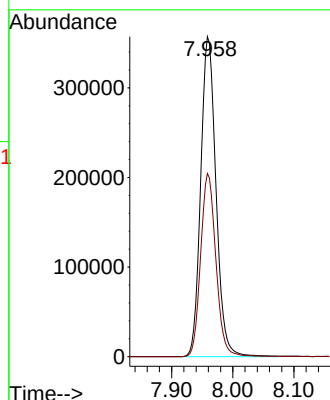
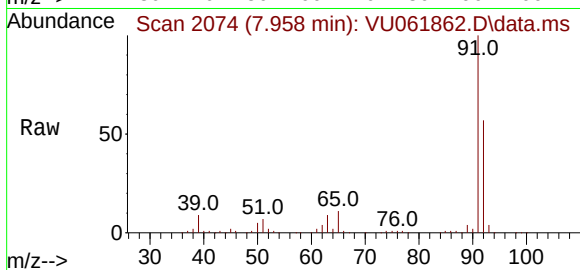
ClientSampleId :

Tgt Ion: 91 Resp: 621302

Ion Ratio Lower Upper

91 100

92 57.2 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 10.532 ug/L

RT: 8.200 min Scan# 2149

Delta R.T. -0.003 min

Lab File: VU061862.D

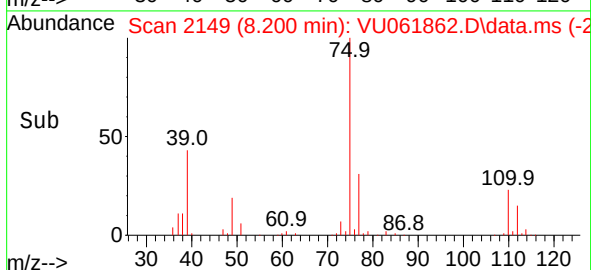
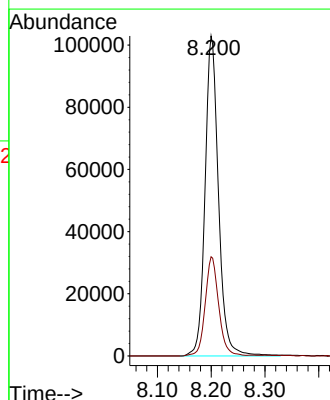
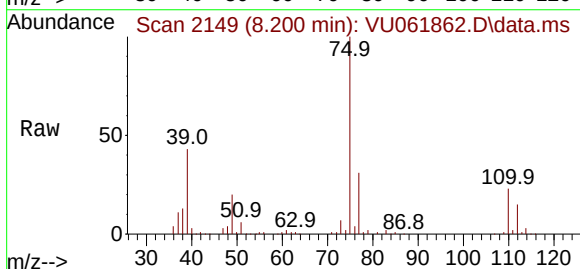
Acq: 20 Nov 2024 12:35

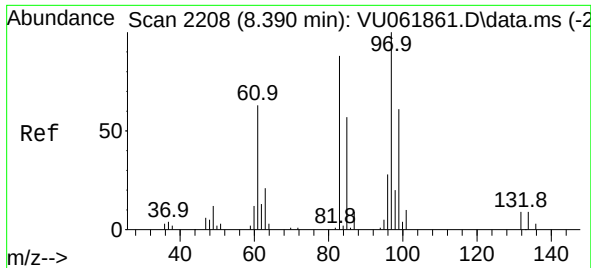
Tgt Ion: 75 Resp: 178774

Ion Ratio Lower Upper

75 100

77 31.0 21.8 40.4



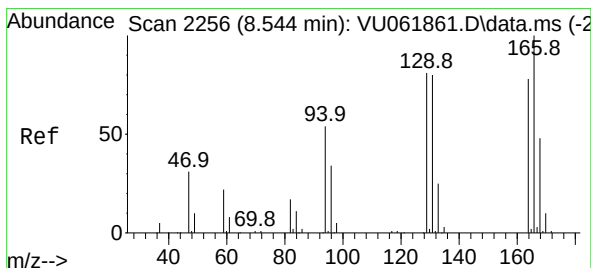
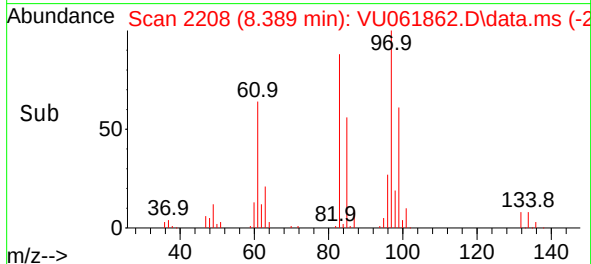
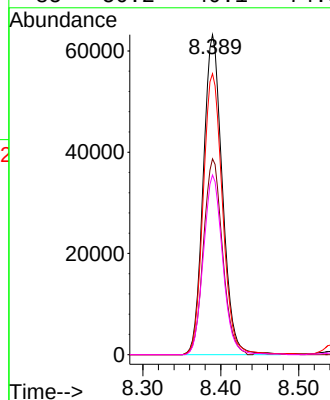
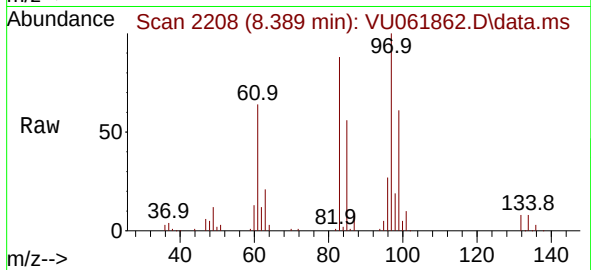


#45
1,1,2-Trichloroethane
Concen: 11.709 ug/L
RT: 8.389 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VU061862.D
Acq: 20 Nov 2024 12:35

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 107372

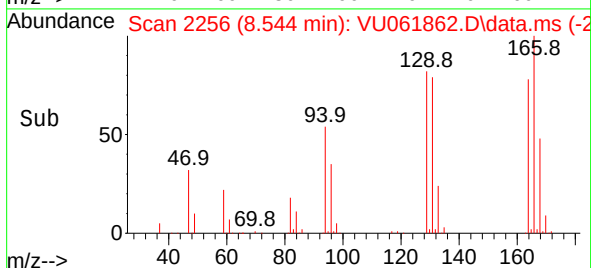
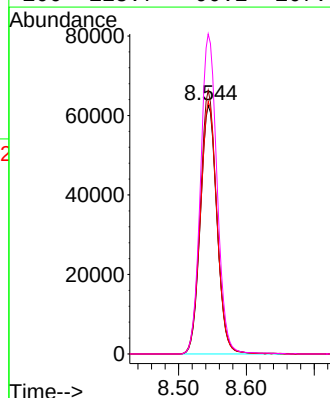
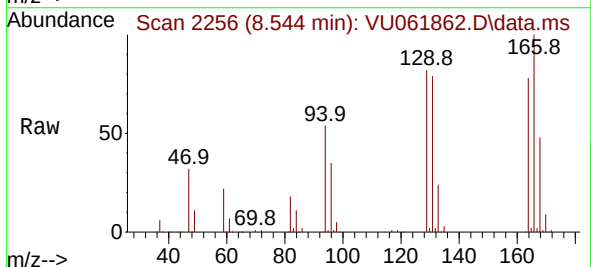
Ion	Ratio	Lower	Upper
97	100		
99	61.2	43.0	79.8
83	87.8	61.7	114.5
85	56.2	40.1	74.5

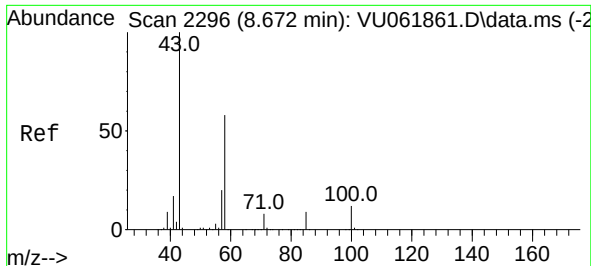


#47
Tetrachloroethene
Concen: 11.625 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU061862.D
Acq: 20 Nov 2024 12:35

Tgt Ion: 164 Resp: 106876

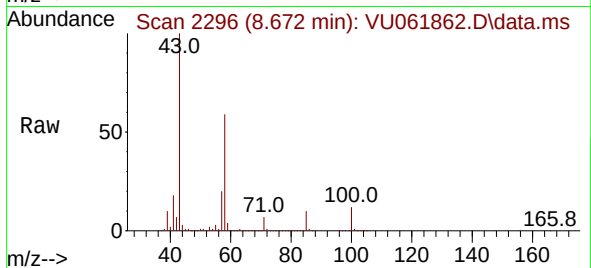
Ion	Ratio	Lower	Upper
164	100		
129	106.0	73.2	136.0
131	101.6	72.3	134.3
166	128.7	90.2	167.4



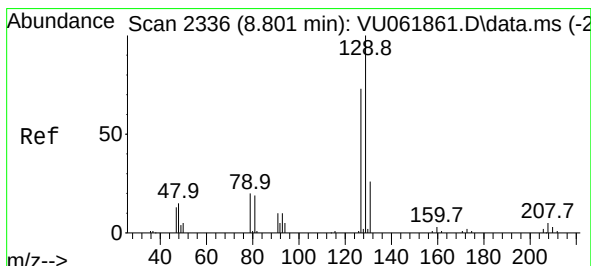
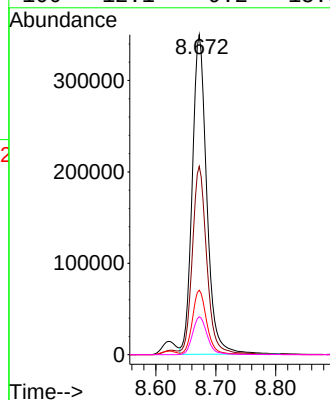
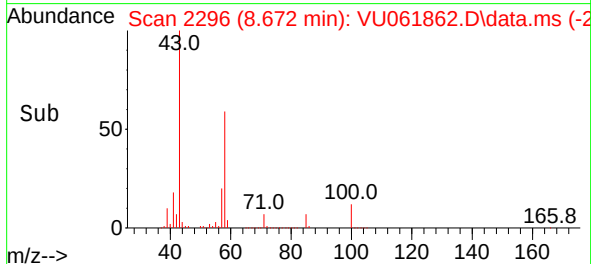


#48
2-Hexanone
Concen: 101.965 ug/L
RT: 8.672 min Scan# 2296
Delta R.T. -0.000 min
Lab File: VU061862.D
Acq: 20 Nov 2024 12:35

Instrument :
MSVOA_U
ClientSampleId :

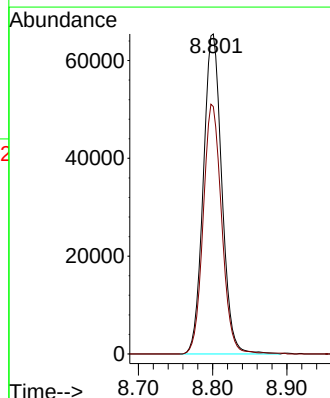
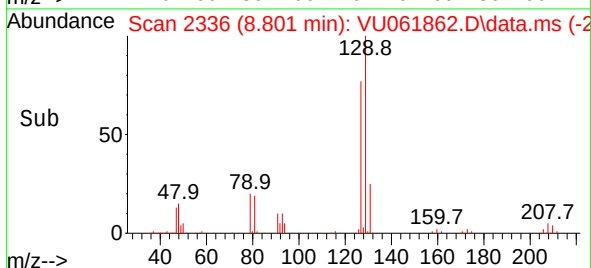
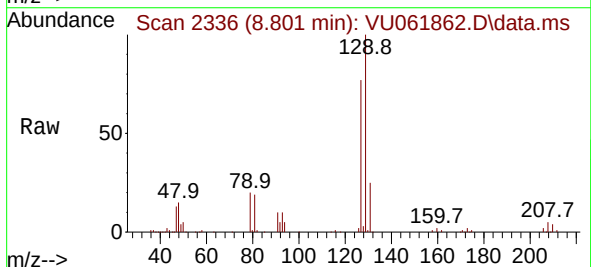


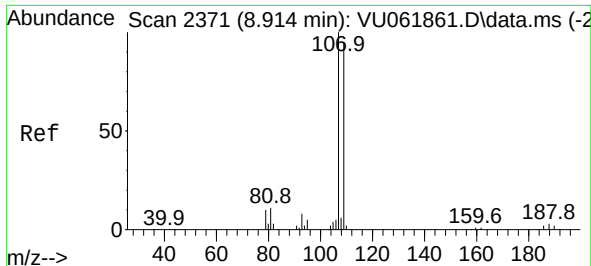
Tgt Ion: 43 Resp: 587751
Ion Ratio Lower Upper
43 100
58 58.5 47.5 71.3
57 20.1 15.6 23.4
100 12.1 9.2 13.8



#49
Dibromochloromethane
Concen: 10.974 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU061862.D
Acq: 20 Nov 2024 12:35

Tgt Ion:129 Resp: 113100
Ion Ratio Lower Upper
129 100
127 77.3 51.1 94.9





#50

1,2-Dibromoethane

Concen: 11.899 ug/L

RT: 8.913 min Scan# 2371

Delta R.T. -0.000 min

Lab File: VU061862.D

Acq: 20 Nov 2024 12:35

Instrument :

MSVOA_U

ClientSampleId :

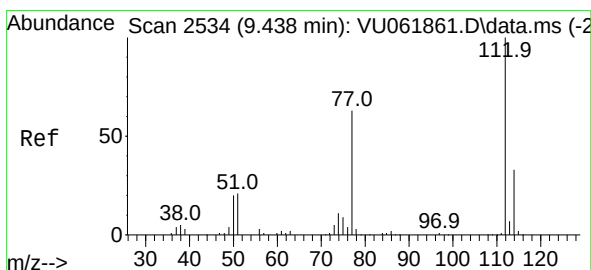
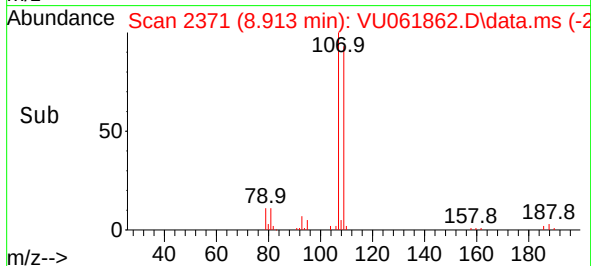
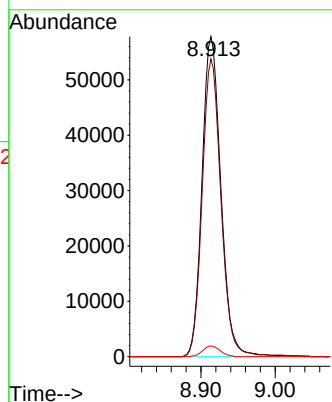
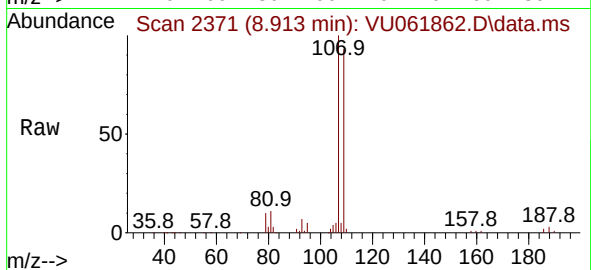
Tgt Ion:107 Resp: 101843

Ion Ratio Lower Upper

107 100

109 93.0 66.8 124.2

188 3.4 2.3 3.5



#51

Chlorobenzene

Concen: 11.242 ug/L

RT: 9.438 min Scan# 2534

Delta R.T. -0.000 min

Lab File: VU061862.D

Acq: 20 Nov 2024 12:35

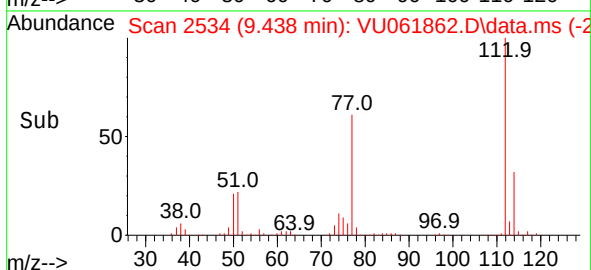
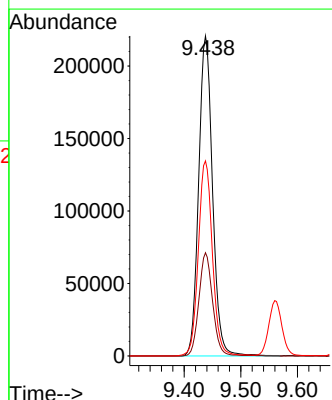
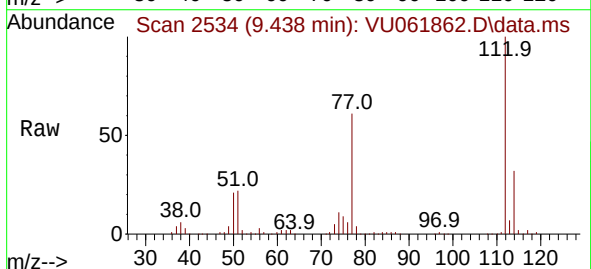
Tgt Ion:112 Resp: 375324

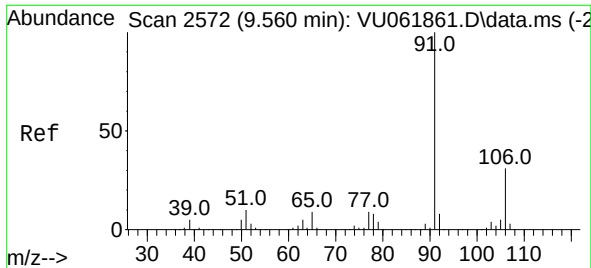
Ion Ratio Lower Upper

112 100

114 32.2 23.0 42.6

77 61.0 50.5 75.7





#52

Ethylbenzene

Concen: 11.137 ug/L

RT: 9.560 min Scan# 2572

Delta R.T. -0.000 min

Lab File: VU061862.D

Acq: 20 Nov 2024 12:35

Instrument :

MSVOA_U

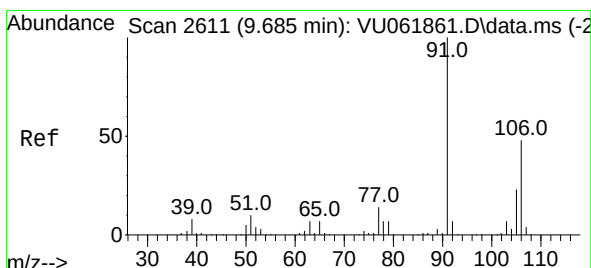
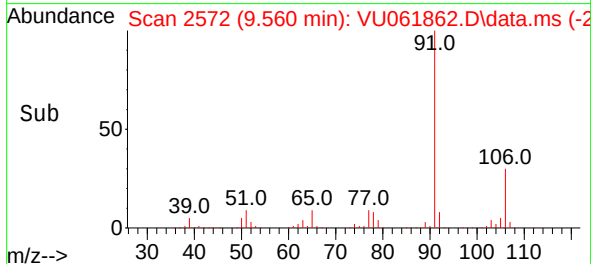
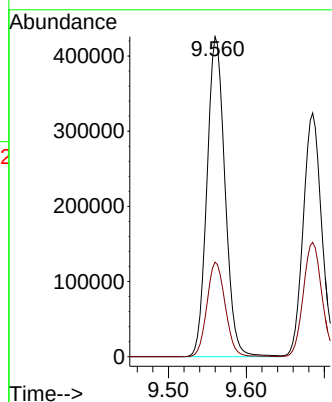
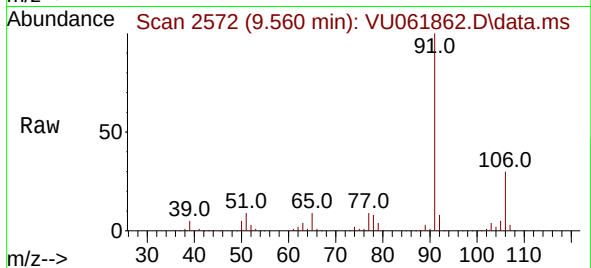
ClientSampleId :

Tgt Ion: 91 Resp: 683636

Ion Ratio Lower Upper

91 100

106 29.5 21.6 40.0



#53

m,p-Xylene

Concen: 11.396 ug/L

RT: 9.685 min Scan# 2611

Delta R.T. -0.000 min

Lab File: VU061862.D

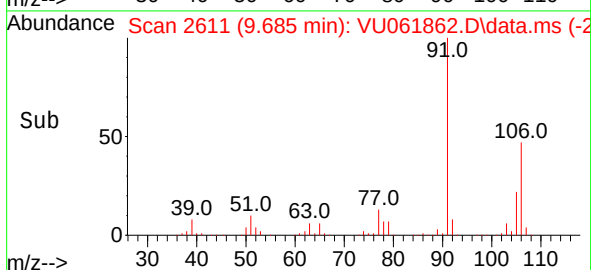
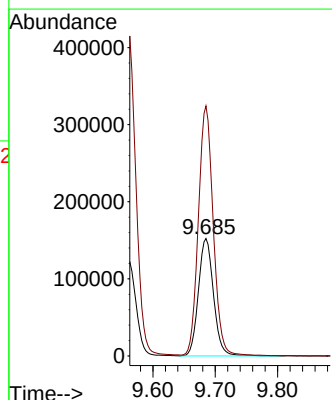
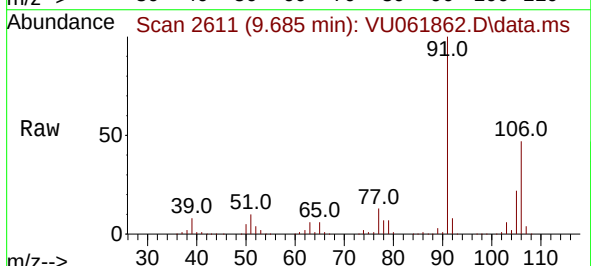
Acq: 20 Nov 2024 12:35

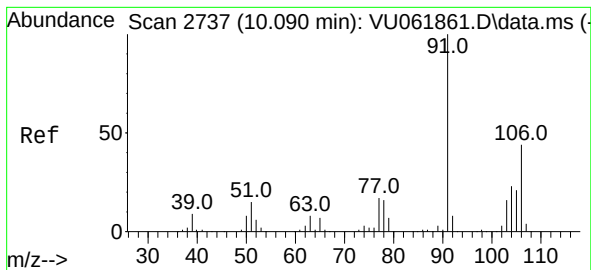
Tgt Ion:106 Resp: 256757

Ion Ratio Lower Upper

106 100

91 212.9 147.6 274.0





#54

o-Xylene

Concen: 11.249 ug/L

RT: 10.090 min Scan# 2737

Delta R.T. -0.000 min

Lab File: VU061862.D

Acq: 20 Nov 2024 12:35

Instrument :

MSVOA_U

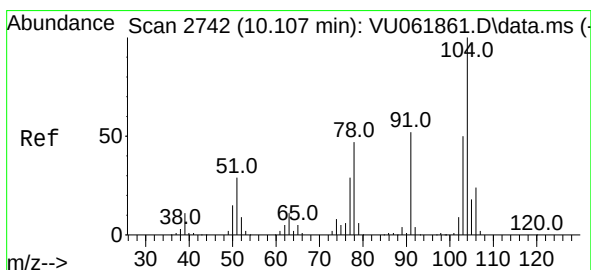
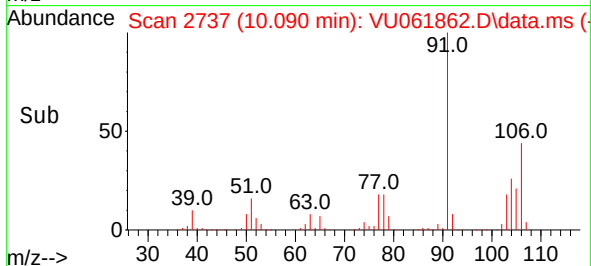
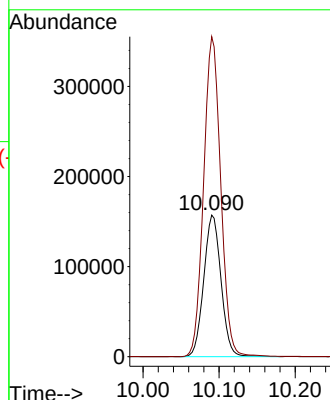
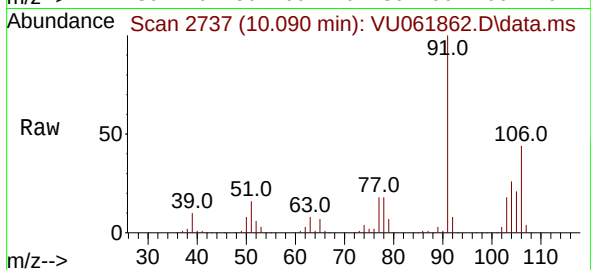
ClientSampleId :

Tgt Ion:106 Resp: 247790

Ion Ratio Lower Upper

106 100

91 225.9 159.8 296.8



#55

Styrene

Concen: 11.664 ug/L

RT: 10.106 min Scan# 2742

Delta R.T. -0.000 min

Lab File: VU061862.D

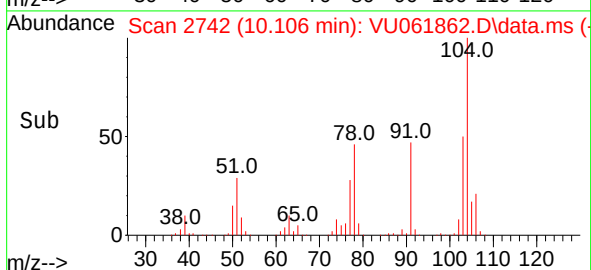
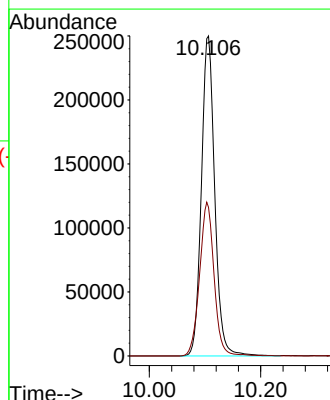
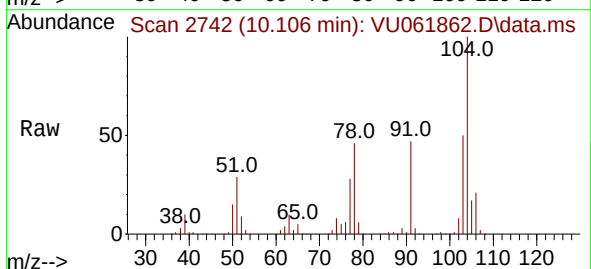
Acq: 20 Nov 2024 12:35

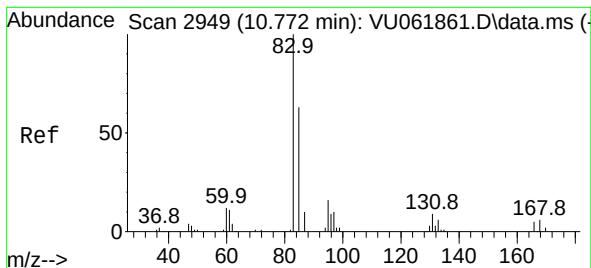
Tgt Ion:104 Resp: 416738

Ion Ratio Lower Upper

104 100

78 46.5 33.2 61.7





#57

1,1,2,2-Tetrachloroethane

Concen: 13.138 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. -0.000 min

Lab File: VU061862.D

Acq: 20 Nov 2024 12:35

Instrument :

MSVOA_U

ClientSampleId :

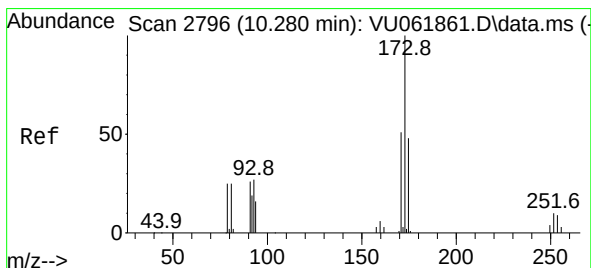
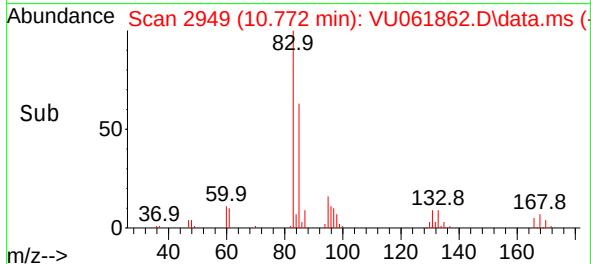
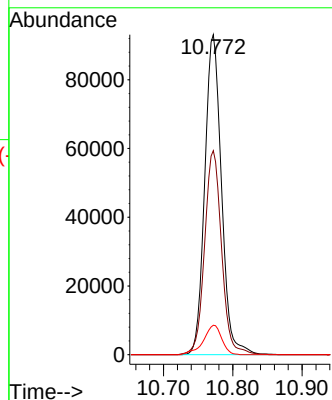
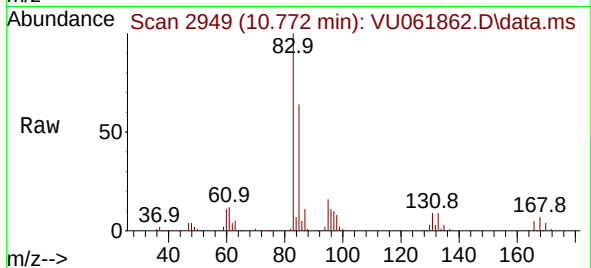
Tgt Ion: 83 Resp: 155773

Ion Ratio Lower Upper

83 100

85 63.7 44.4 82.4

131 9.2 7.3 10.9



#59

Bromoform

Concen: 9.024 ug/L

RT: 10.280 min Scan# 2796

Delta R.T. -0.000 min

Lab File: VU061862.D

Acq: 20 Nov 2024 12:35

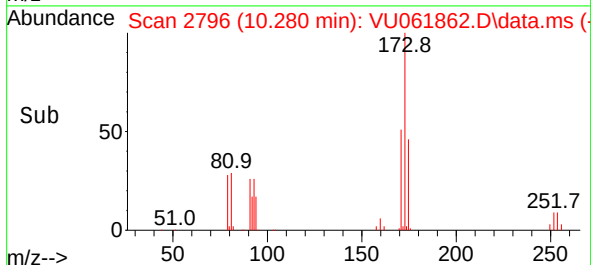
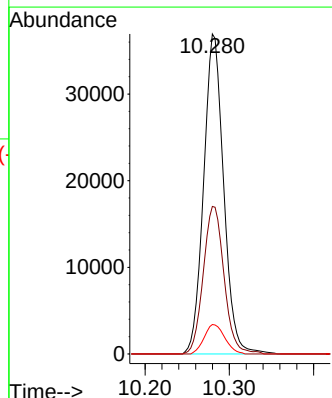
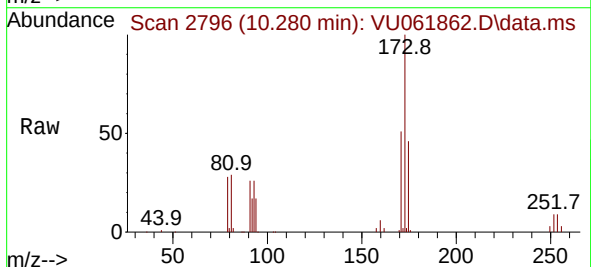
Tgt Ion:173 Resp: 61068

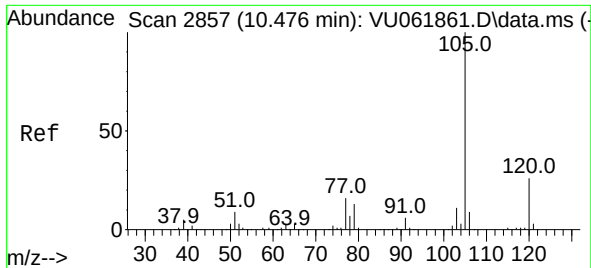
Ion Ratio Lower Upper

173 100

175 47.9 39.0 58.4

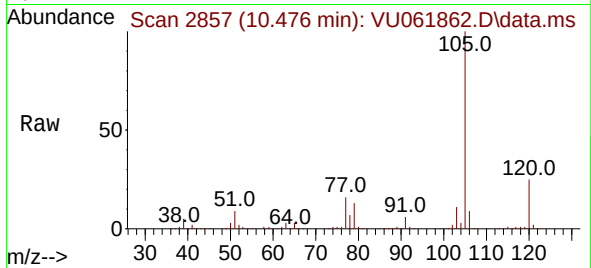
254 9.5 7.4 11.0



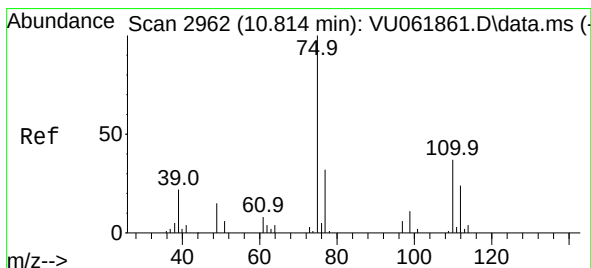
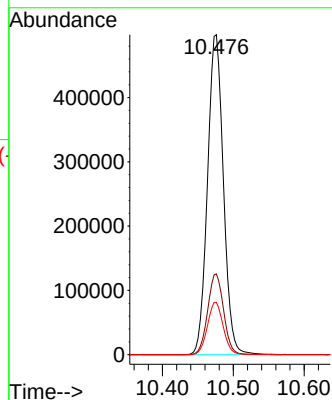
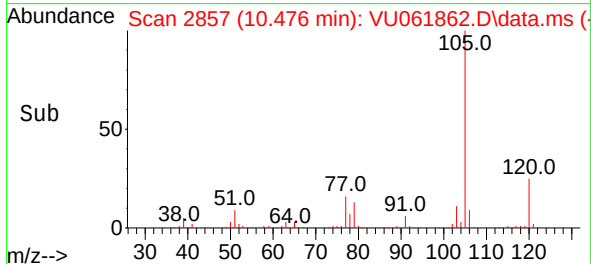


#60
Isopropylbenzene
Concen: 11.468 ug/L
RT: 10.476 min Scan# 2857
Delta R.T. -0.000 min
Lab File: VU061862.D
Acq: 20 Nov 2024 12:35

Instrument :
MSVOA_U
ClientSampleId :

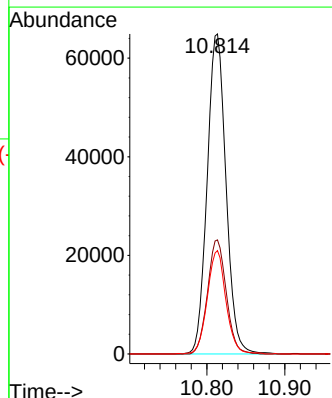
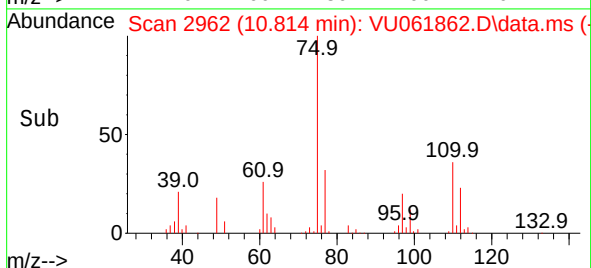
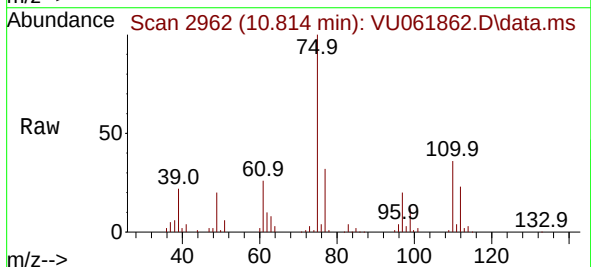


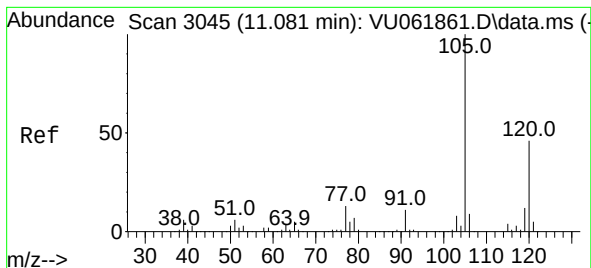
Tgt Ion:105 Resp: 775795
Ion Ratio Lower Upper
105 100
120 25.3 20.6 31.0
77 16.3 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 11.062 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. -0.000 min
Lab File: VU061862.D
Acq: 20 Nov 2024 12:35

Tgt Ion: 75 Resp: 109241
Ion Ratio Lower Upper
75 100
110 35.4 28.9 43.3
77 32.0 26.5 39.7





#62

1,3,5-Trimethylbenzene

Concen: 10.048 ug/L

RT: 11.077 min Scan# 3044

Delta R.T. -0.003 min

Lab File: VU061862.D

Acq: 20 Nov 2024 12:35

Instrument :

MSVOA_U

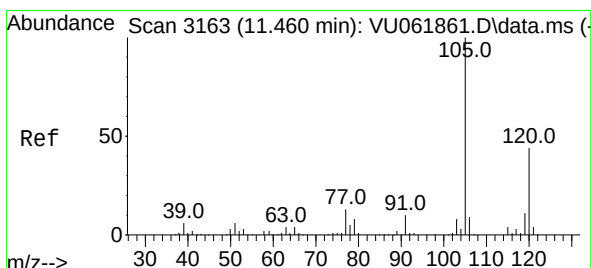
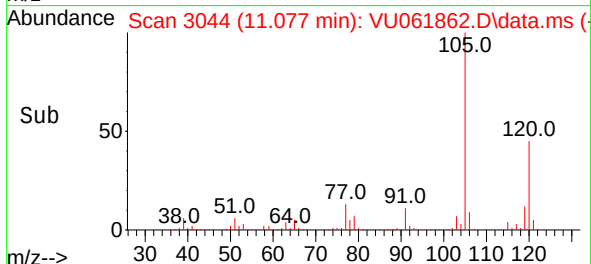
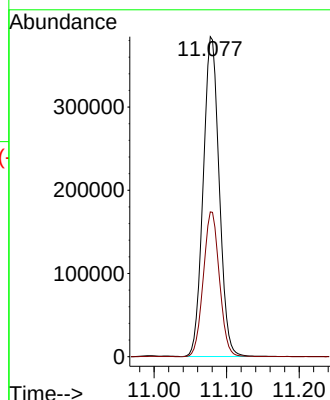
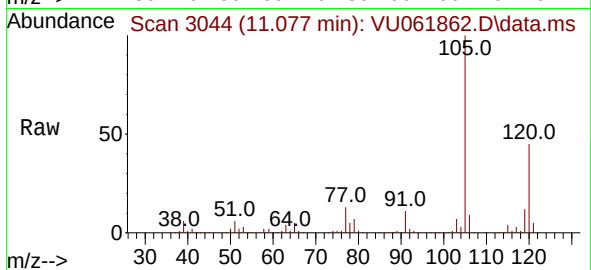
ClientSampleId :

Tgt Ion:105 Resp: 589806

Ion Ratio Lower Upper

105 100

120 45.6 36.7 55.1



#63

1,2,4-Trimethylbenzene

Concen: 11.089 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VU061862.D

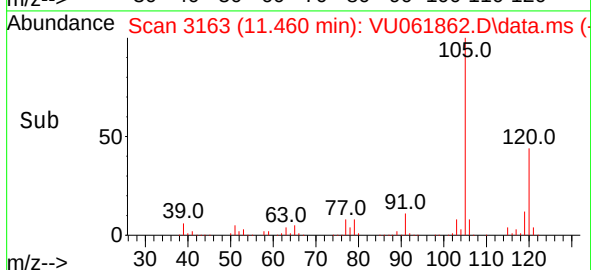
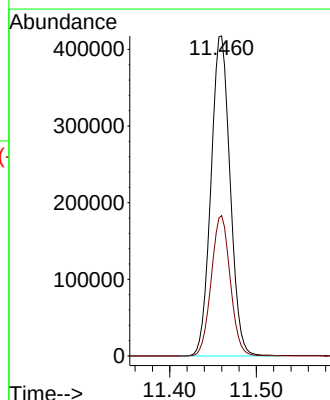
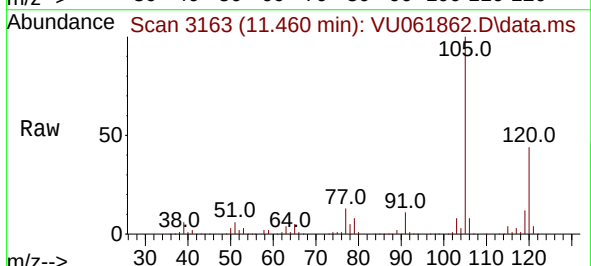
Acq: 20 Nov 2024 12:35

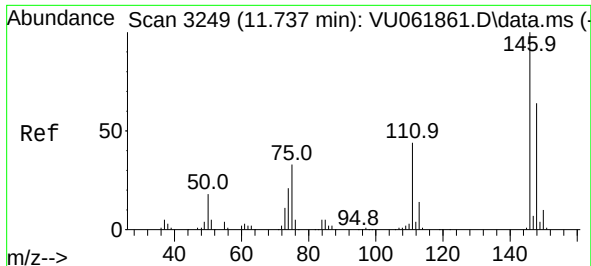
Tgt Ion:105 Resp: 642094

Ion Ratio Lower Upper

105 100

120 43.5 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 11.578 ug/L

RT: 11.736 min Scan# 3249

Delta R.T. -0.000 min

Lab File: VU061862.D

Acq: 20 Nov 2024 12:35

Instrument :

MSVOA_U

ClientSampleId :

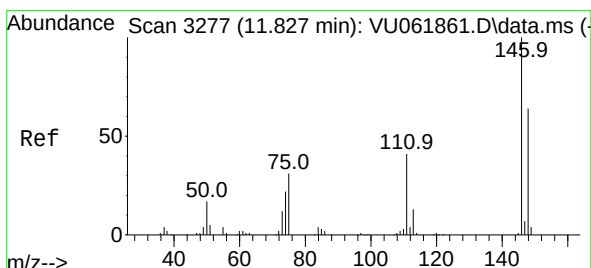
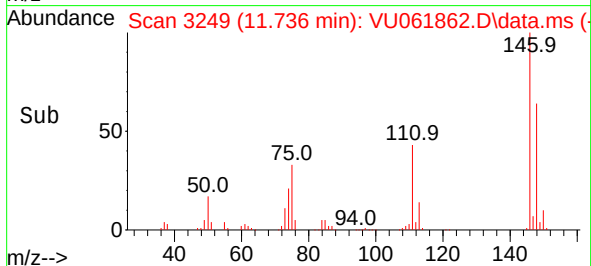
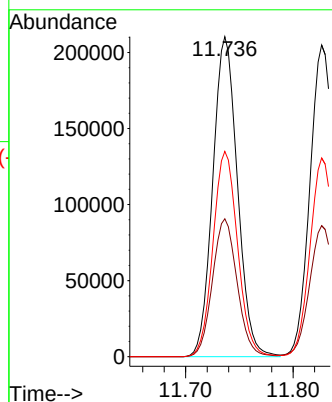
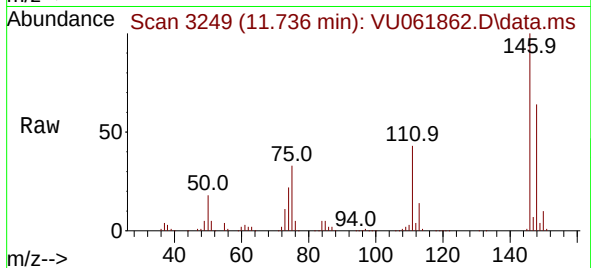
Tgt Ion:146 Resp: 335552

Ion Ratio Lower Upper

146 100

111 43.1 30.7 57.1

148 64.2 45.1 83.7



#65

1,4-Dichlorobenzene

Concen: 11.657 ug/L

RT: 11.826 min Scan# 3277

Delta R.T. -0.000 min

Lab File: VU061862.D

Acq: 20 Nov 2024 12:35

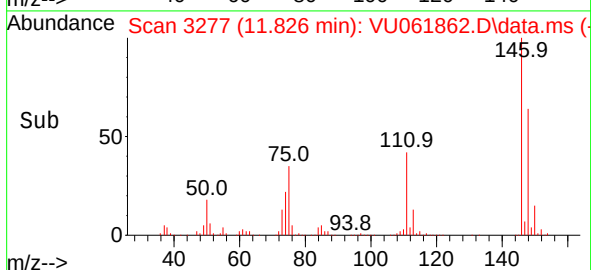
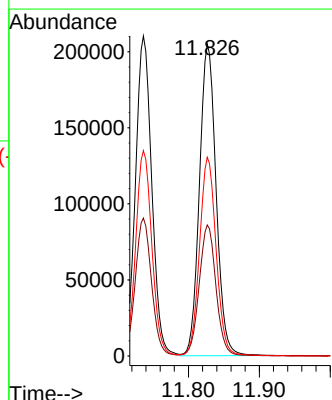
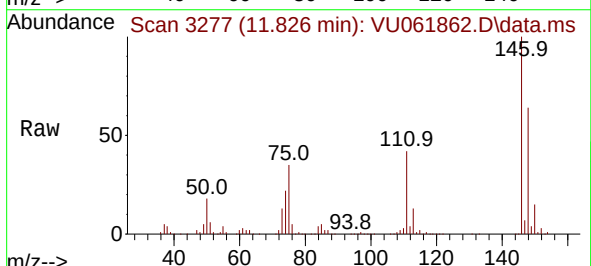
Tgt Ion:146 Resp: 333871

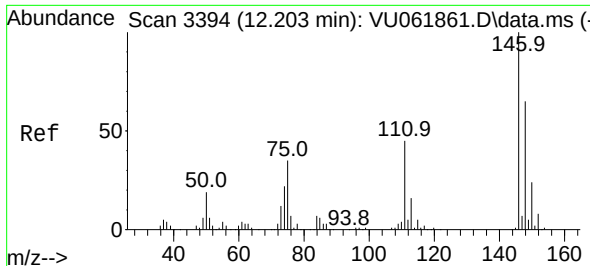
Ion Ratio Lower Upper

146 100

111 42.0 29.3 54.3

148 63.8 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 11.970 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. -0.000 min

Lab File: VU061862.D

Acq: 20 Nov 2024 12:35

Instrument :

MSVOA_U

ClientSampleId :

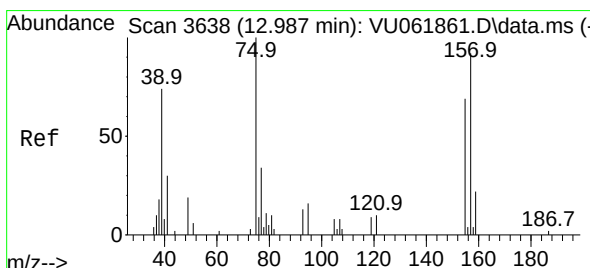
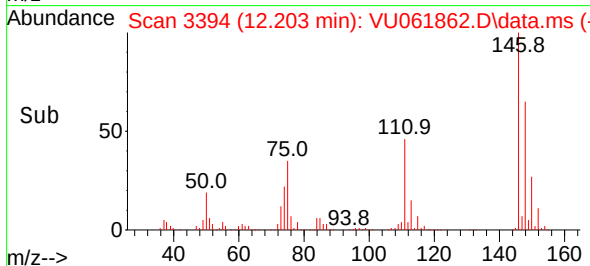
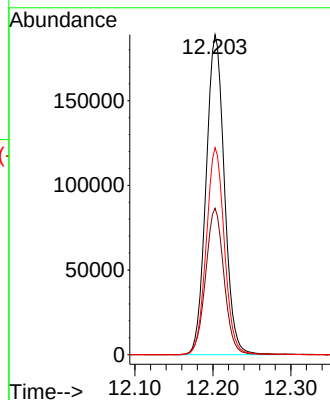
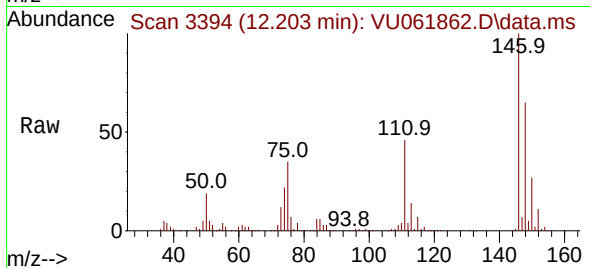
Tgt Ion:146 Resp: 308200

Ion Ratio Lower Upper

146 100

111 45.7 36.0 54.0

148 64.7 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 9.139 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.000 min

Lab File: VU061862.D

Acq: 20 Nov 2024 12:35

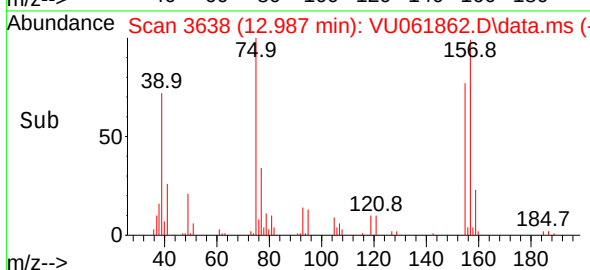
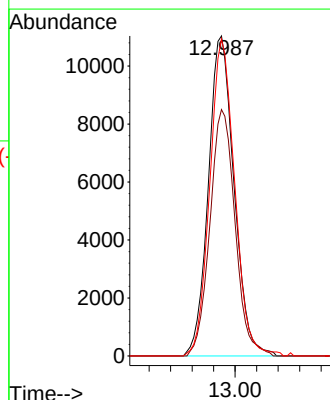
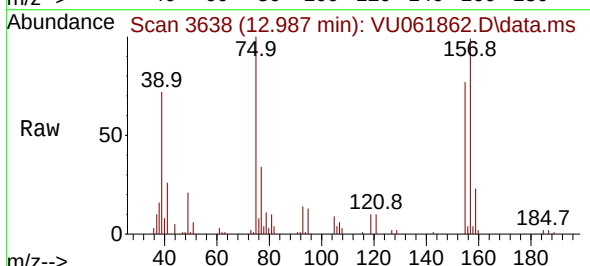
Tgt Ion: 75 Resp: 18323

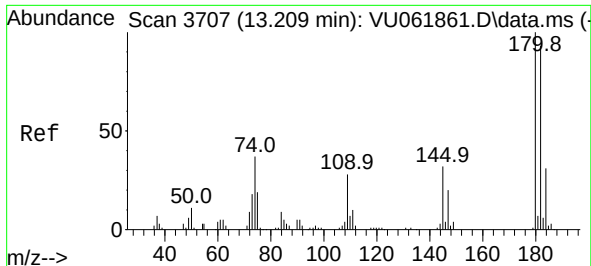
Ion Ratio Lower Upper

75 100

155 77.0 55.2 82.8

157 99.1 73.5 110.3





#69

1,3,5-Trichlorobenzene

Concen: 9.813 ug/L

RT: 13.209 min Scan# 31

Delta R.T. -0.000 min

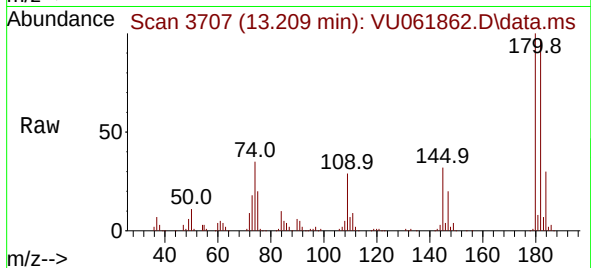
Lab File: VU061862.D

Acq: 20 Nov 2024 12:35

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 189096

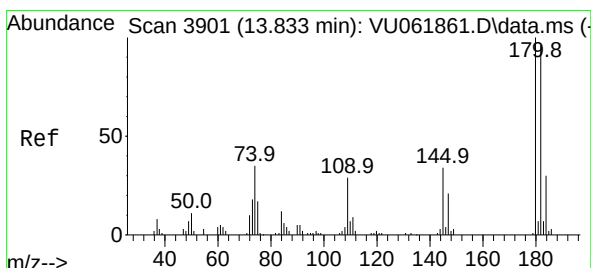
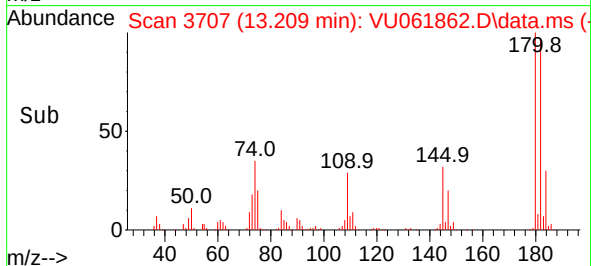
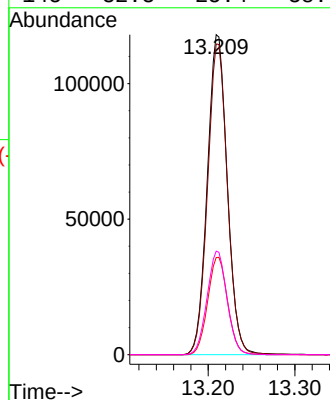
Ion Ratio Lower Upper

180 100

182 96.4 76.7 115.1

184 30.4 24.8 37.2

145 32.3 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 10.302 ug/L

RT: 13.830 min Scan# 3900

Delta R.T. -0.003 min

Lab File: VU061862.D

Acq: 20 Nov 2024 12:35

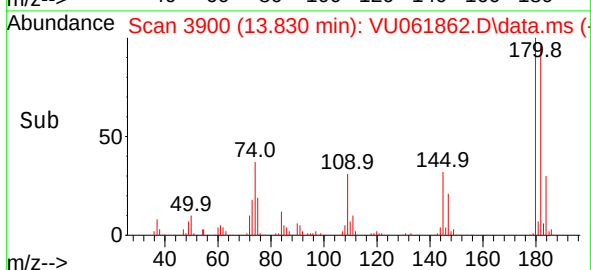
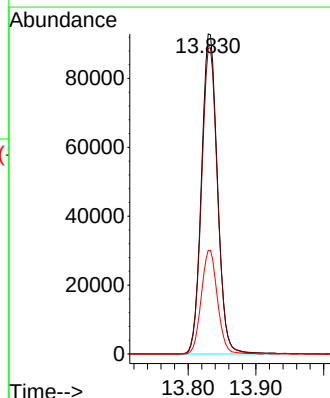
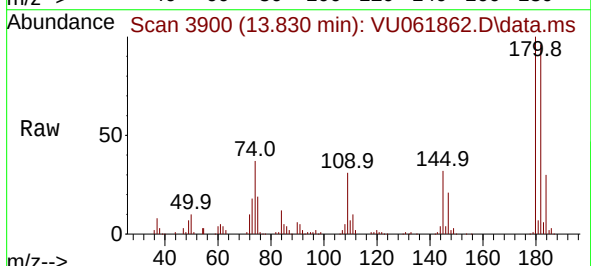
Tgt Ion:180 Resp: 152373

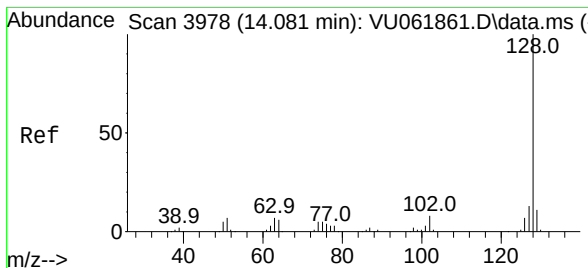
Ion Ratio Lower Upper

180 100

182 95.6 74.5 111.7

145 32.6 25.6 38.4





#71

Naphthalene

Concen: 10.383 ug/L

RT: 14.080 min Scan# 3978

Delta R.T. -0.000 min

Lab File: VU061862.D

Acq: 20 Nov 2024 12:35

Instrument :

MSVOA_U

ClientSampleId :

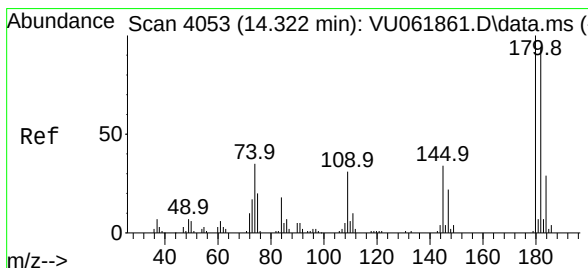
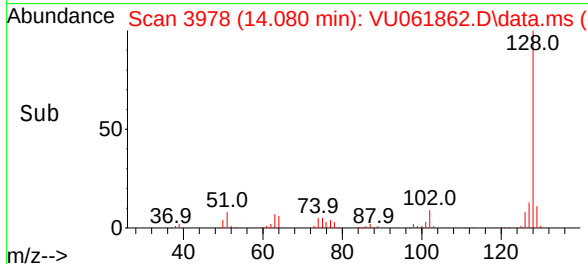
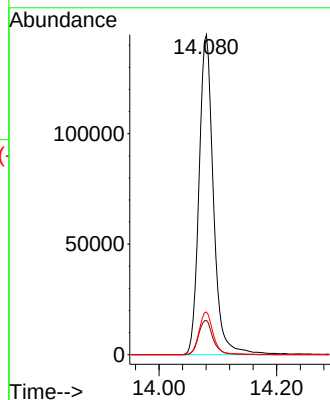
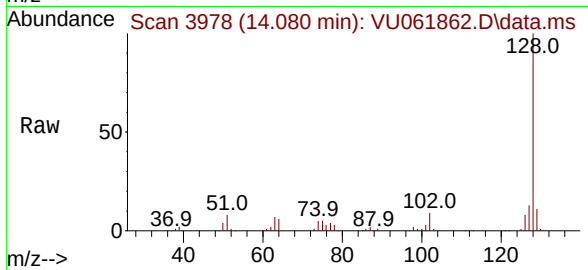
Tgt Ion:128 Resp: 246025

Ion Ratio Lower Upper

128 100

129 10.8 8.5 12.7

127 13.0 10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 10.452 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. -0.000 min

Lab File: VU061862.D

Acq: 20 Nov 2024 12:35

Tgt Ion:180 Resp: 129003

Ion Ratio Lower Upper

180 100

182 94.5 76.1 114.1

145 34.3 27.4 41.0

