

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112024\
 Data File : VU061861.D
 Acq On : 20 Nov 2024 12:10
 Operator : MD/SY
 Sample : VSTD005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 21 00:32:00 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	6.242	114	175529	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	166632	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	93866	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	41939	3.591	ug/L	0.00
7) Chloroethane-d5	1.904	69	38294	4.248	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.557	65	18144	3.532	ug/L	0.00
20) 2-Butanone-d5	4.612	46	139425	47.595	ug/L	0.00
24) Chloroform-d	5.052	84	106608	4.889	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.692	65	52940	4.636	ug/L	0.00
32) Benzene-d6	5.718	84	179086	4.260	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	61151	4.383	ug/L	0.00
41) Toluene-d8	7.888	98	151722	3.916	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	22551	3.858	ug/L	0.00
46) 2-Hexanone-d5	8.621	63	97987	40.467	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	66326	5.987	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.184	152	58410	4.077	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	76854	7.859	ug/L	100
3) Chloromethane	1.518	50	79816	6.182	ug/L	100
5) Vinyl chloride	1.602	62	83359	6.392	ug/L	100
6) Bromomethane	1.846	94	48111	6.730	ug/L	100
8) Chloroethane	1.927	64	49468	6.261	ug/L	100
9) Trichlorofluoromethane	2.133	101	105474	6.332	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	64232	5.924	ug/L	100
12) 1,1-Dichloroethene	2.573	96	60398	5.802	ug/L	100
13) Acetone	2.615	43	96793	50.937	ug/L	100
14) Carbon disulfide	2.785	76	189605	5.480	ug/L	100
15) Methyl Acetate	2.943	43	24419	5.225	ug/L	100
16) Methylene chloride	3.036	84	68646	5.774	ug/L	100
17) Methyl tert-butyl Ether	3.351	73	155020	5.364	ug/L	100
18) trans-1,2-Dichloroethene	3.345	96	62821	5.571	ug/L	100
19) 1,1-Dichloroethane	3.856	63	123807	5.658	ug/L	100
21) 2-Butanone	4.692	43	155870	50.448	ug/L	100
22) cis-1,2-Dichloroethene	4.657	96	71371	5.681	ug/L	100
23) Bromochloromethane	4.965	128	31333	6.062	ug/L	100
25) Chloroform	5.078	83	131066	5.893	ug/L	100
27) 1,2-Dichloroethane	5.785	62	83170	5.741	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	108213	5.540	ug/L	100
30) Cyclohexane	5.377	56	111847	5.218	ug/L	100
31) Carbon tetrachloride	5.515	117	91361	5.543	ug/L	100
33) Benzene	5.763	78	279943	5.632	ug/L	100
34) Trichloroethene	6.534	95	74118	5.489	ug/L	100
35) Methylcyclohexane	6.753	83	114838	5.352	ug/L	100
37) 1,2-Dichloropropane	6.782	63	71681	5.502	ug/L	100
38) Bromodichloromethane	7.097	83	89092	5.467	ug/L	100
39) cis-1,3-Dichloropropene	7.599	75	101970	5.098	ug/L	100
40) 4-Methyl-2-pentanone	7.779	43	395971	49.204	ug/L	100
42) Toluene	7.959	91	300401	5.647	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	83082	5.053	ug/L	100

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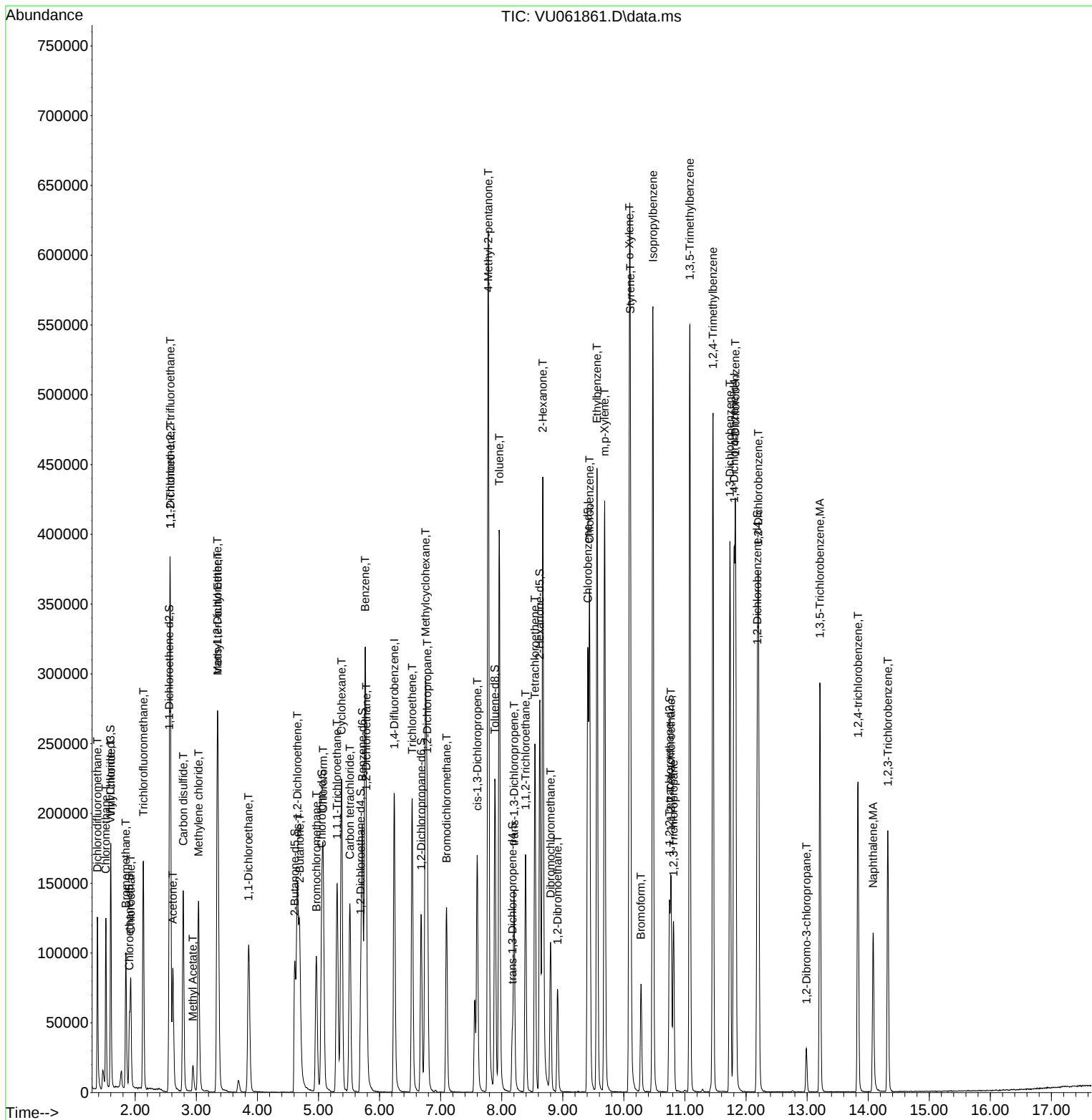
Instrument :
 MSVOA_U
 ClientSampleId :

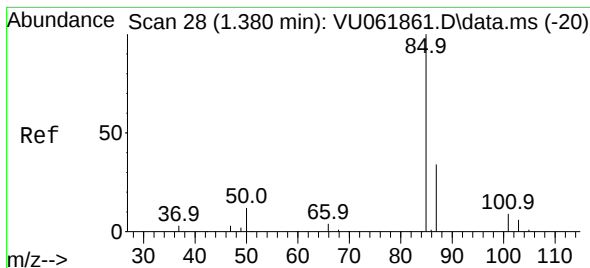
Quant Time: Nov 21 00:32:00 2024
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 21 00:29:33 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.390	97	52448	5.905	ug/L	100
47) Tetrachloroethene	8.544	164	52091	5.849	ug/L	100
48) 2-Hexanone	8.672	43	282567	50.607	ug/L	100
49) Dibromochloromethane	8.801	129	54014	5.411	ug/L	100
50) 1,2-Dibromoethane	8.914	107	48677	5.871	ug/L	100
51) Chlorobenzene	9.438	112	181219	5.604	ug/L	100
52) Ethylbenzene	9.560	91	320211	5.385	ug/L	100
53) m,p-Xylene	9.685	106	120644	5.528	ug/L	100
54) o-Xylene	10.090	106	116773	5.473	ug/L	100
55) Styrene	10.107	104	193008	5.577	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.772	83	75592	6.582	ug/L	100
59) Bromoform	10.280	173	33603	5.227	ug/L	100
60) Isopropylbenzene	10.476	105	369007	5.742	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	52389	5.585	ug/L	100
62) 1,3,5-Trimethylbenzene	11.081	105	303666	5.446	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	275934	5.016	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	158798	5.768	ug/L	100
65) 1,4-Dichlorobenzene	11.827	146	154822	5.690	ug/L	100
67) 1,2-Dichlorobenzene	12.203	146	121894	4.984	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.987	75	8208	4.310	ug/L	100
69) 1,3,5-Trichlorobenzene	13.209	180	86022	4.699	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	67060	4.773	ug/L	100
71) Naphthalene	14.081	128	98719	4.385	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	55500	4.734	ug/L	100

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

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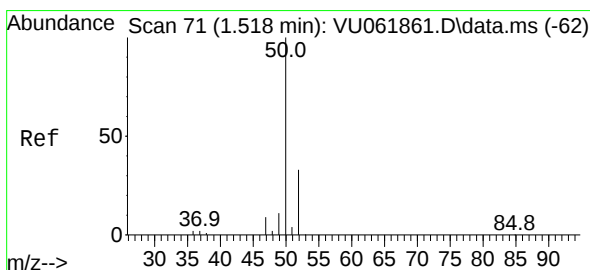
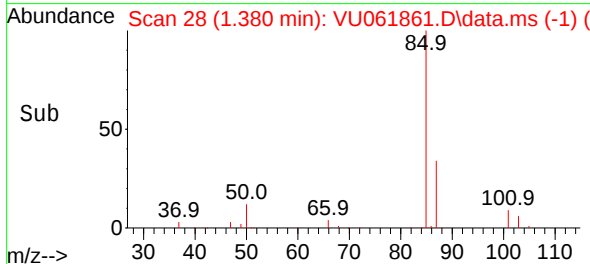
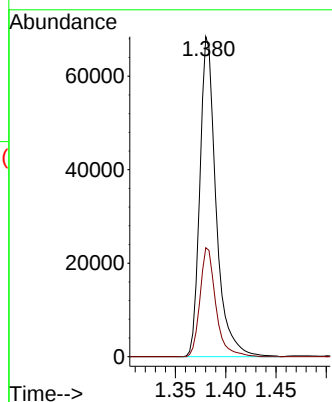
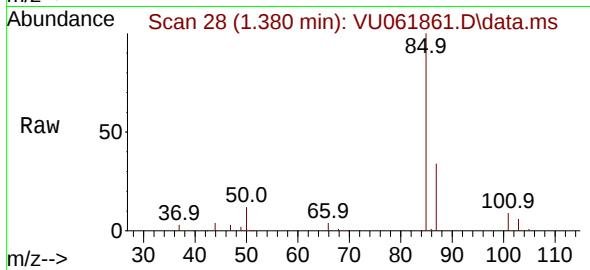




#2
Dichlorodifluoromethane
Concen: 7.859 ug/L
RT: 1.380 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU061861.D
Acq: 20 Nov 2024 12:10

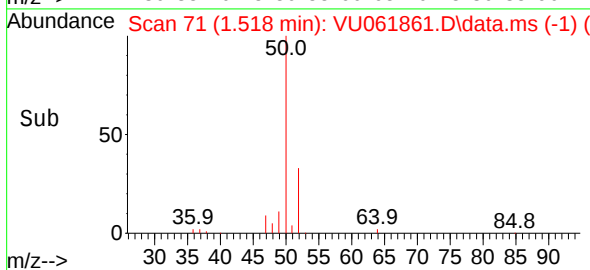
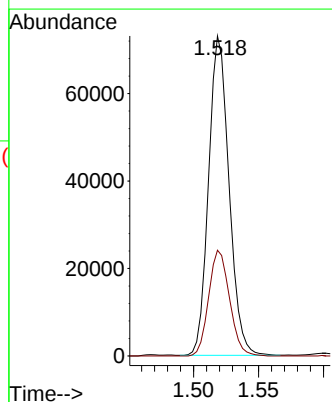
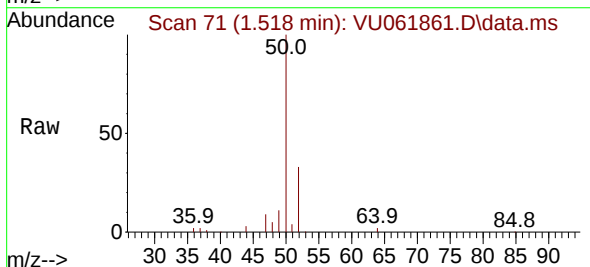
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MSVOA_U
ClientSampleId :

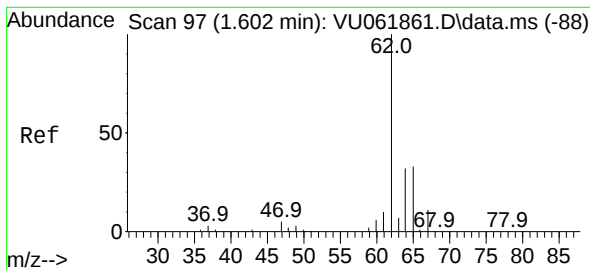
Tgt Ion: 85 Resp: 76854
Ion Ratio Lower Upper
85 100
87 33.3 26.6 40.0



#3
Chloromethane
Concen: 6.182 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU061861.D
Acq: 20 Nov 2024 12:10

Tgt Ion: 50 Resp: 79816
Ion Ratio Lower Upper
50 100
52 33.0 23.1 42.9





#5

Vinyl chloride

Concen: 6.392 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU061861.D

Acq: 20 Nov 2024 12:10

Instrument :

MSVOA_U

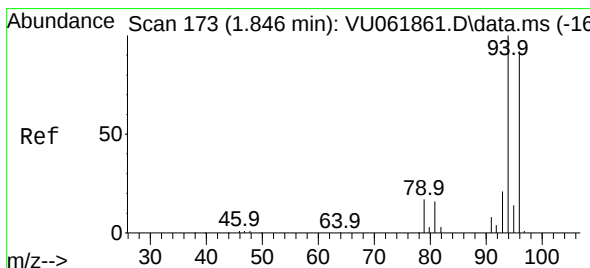
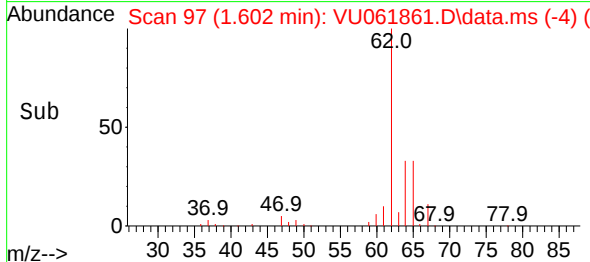
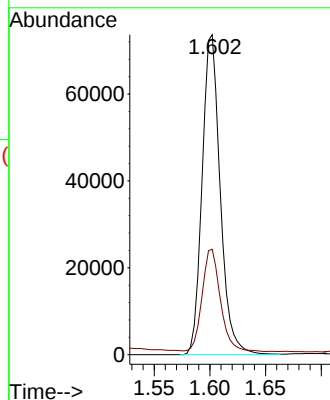
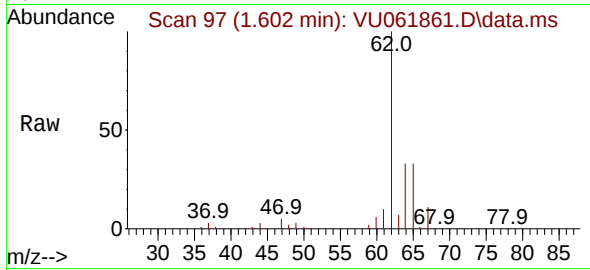
ClientSampleId :

Tgt Ion: 62 Resp: 83359

Ion Ratio Lower Upper

62 100

64 33.0 23.1 42.9



#6

Bromomethane

Concen: 6.730 ug/L

RT: 1.846 min Scan# 173

Delta R.T. 0.000 min

Lab File: VU061861.D

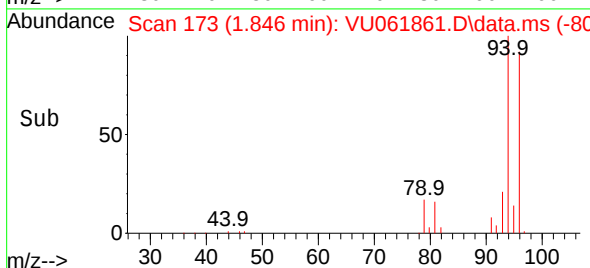
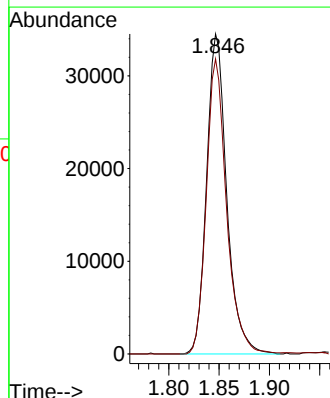
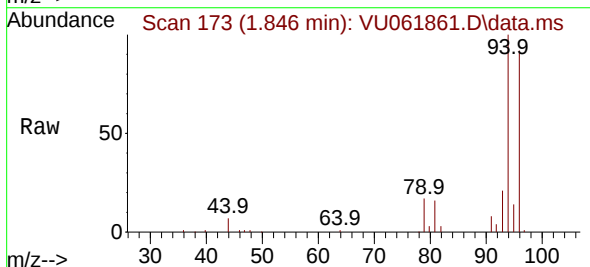
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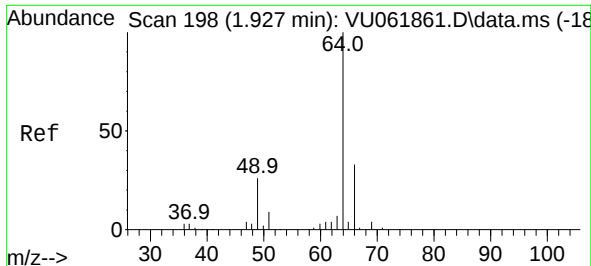
Tgt Ion: 94 Resp: 48111

Ion Ratio Lower Upper

94 100

96 92.2 64.5 119.9

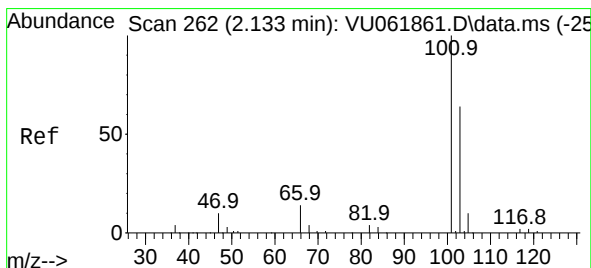
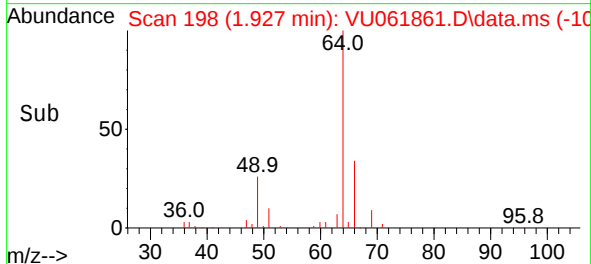
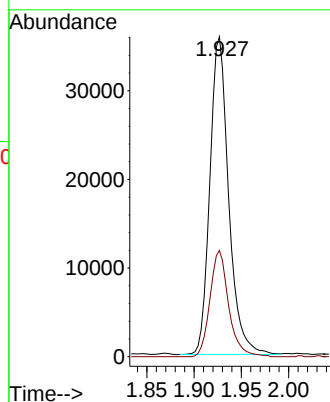
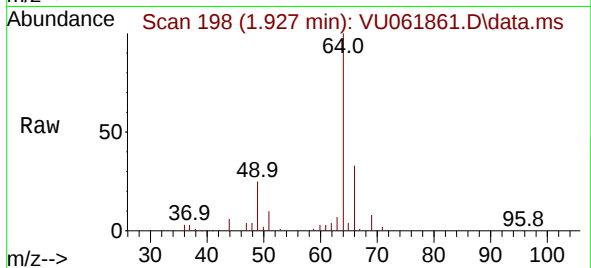




#8
Chloroethane
Concen: 6.261 ug/L
RT: 1.927 min Scan# 198
Delta R.T. 0.000 min
Lab File: VU061861.D
Acq: 20 Nov 2024 12:10

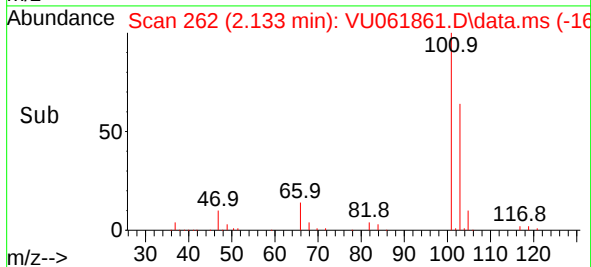
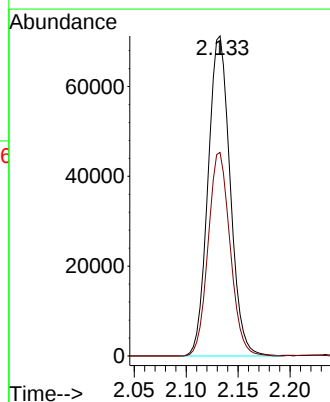
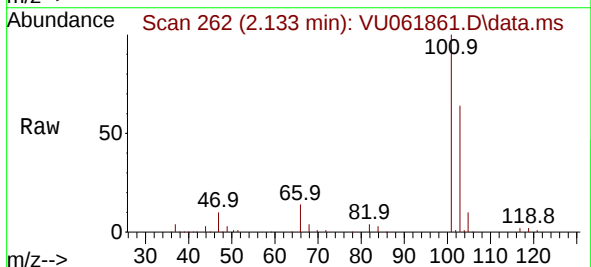
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MSVOA_U
ClientSampleId :

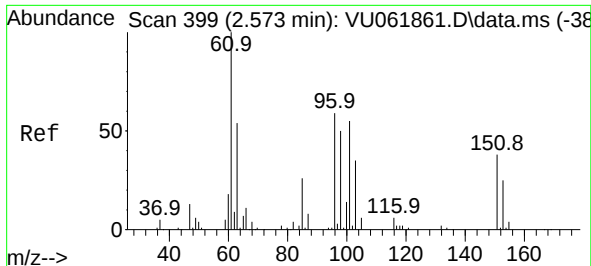
Tgt Ion: 64 Resp: 49468
Ion Ratio Lower Upper
64 100
66 33.2 23.2 43.2



#9
Trichlorofluoromethane
Concen: 6.332 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU061861.D
Acq: 20 Nov 2024 12:10

Tgt Ion:101 Resp: 105474
Ion Ratio Lower Upper
101 100
103 63.2 50.6 75.8

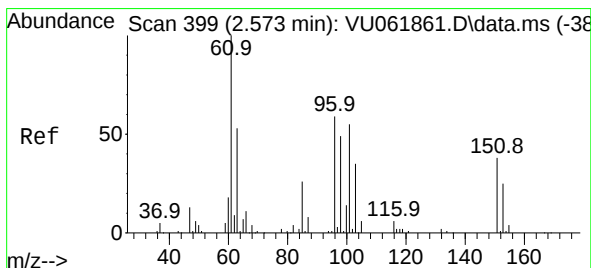
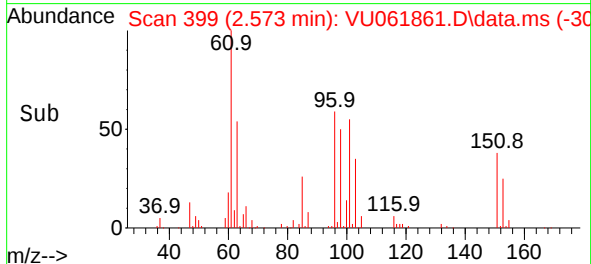
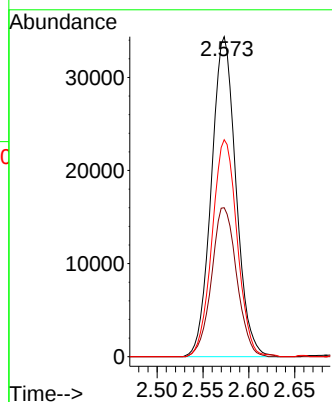
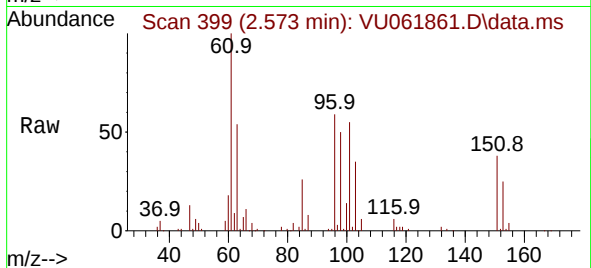




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.924 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU061861.D
Acq: 20 Nov 2024 12:10

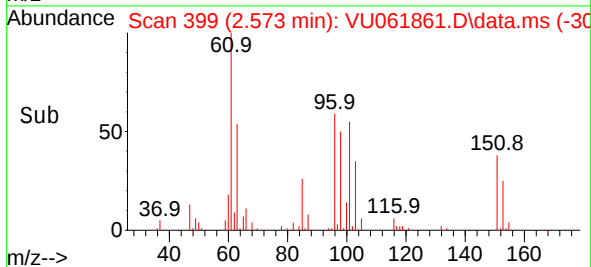
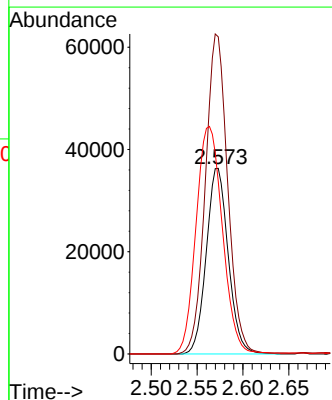
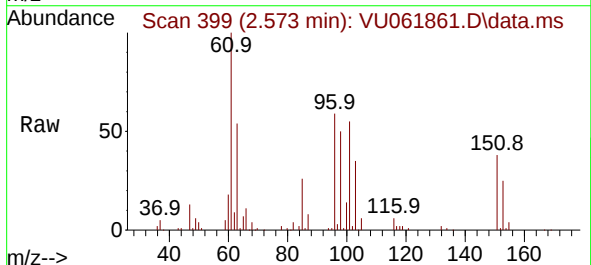
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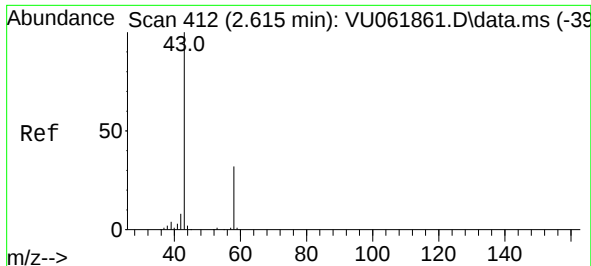
Tgt Ion:101 Resp: 64232
Ion Ratio Lower Upper
101 100
85 47.5 38.0 57.0
151 69.1 55.3 82.9



#12
1,1-Dichloroethene
Concen: 5.802 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU061861.D
Acq: 20 Nov 2024 12:10

Tgt Ion: 96 Resp: 60398
Ion Ratio Lower Upper
96 100
61 170.9 119.6 222.2
63 92.8 65.0 120.6





#13

Acetone

Concen: 50.937 ug/L

RT: 2.615 min Scan# 412

Delta R.T. 0.000 min

Lab File: VU061861.D

Acq: 20 Nov 2024 12:10

Instrument :

MSVOA_U

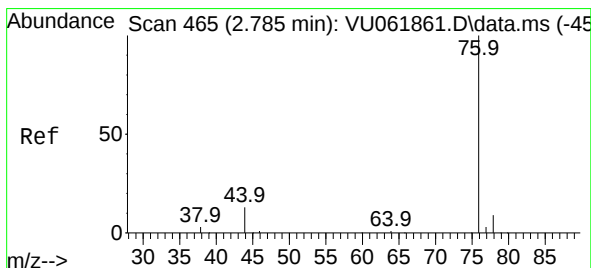
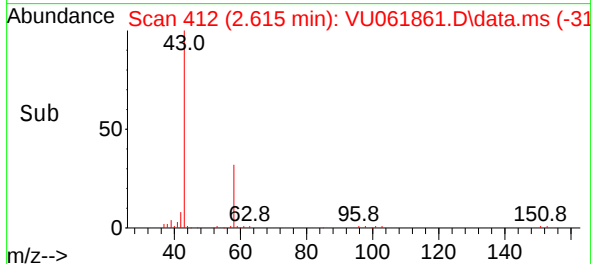
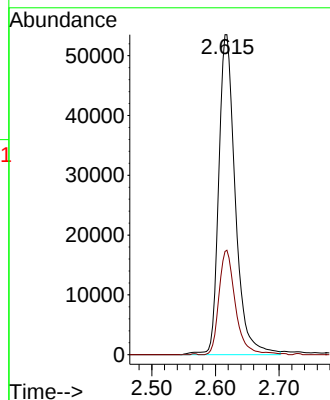
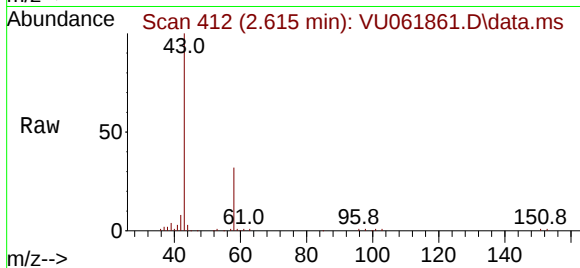
ClientSampleId :

Tgt Ion: 43 Resp: 96793

Ion Ratio Lower Upper

43 100

58 32.0 0.0 64.0



#14

Carbon disulfide

Concen: 5.480 ug/L

RT: 2.785 min Scan# 465

Delta R.T. 0.000 min

Lab File: VU061861.D

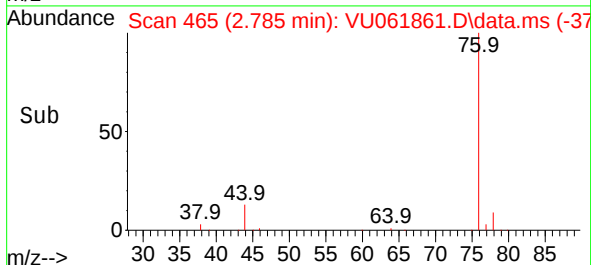
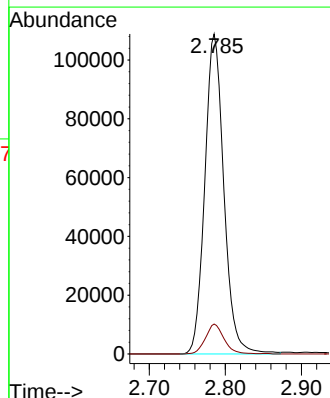
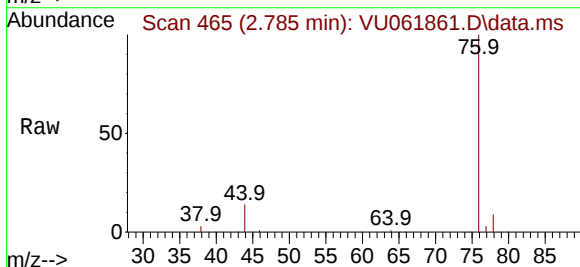
Acq: 20 Nov 2024 12:10

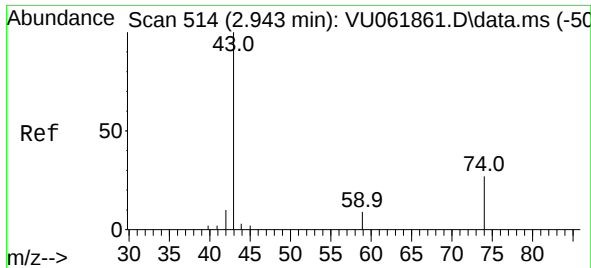
Tgt Ion: 76 Resp: 189605

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3

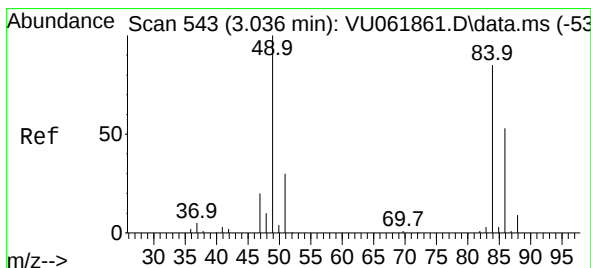
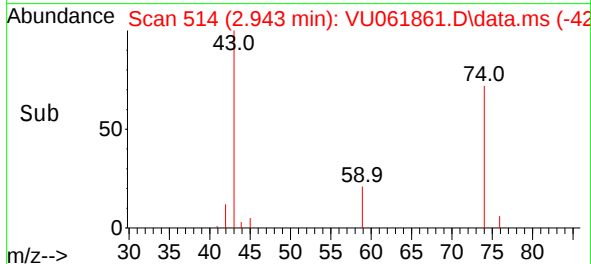
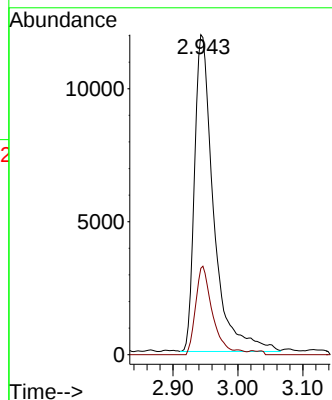
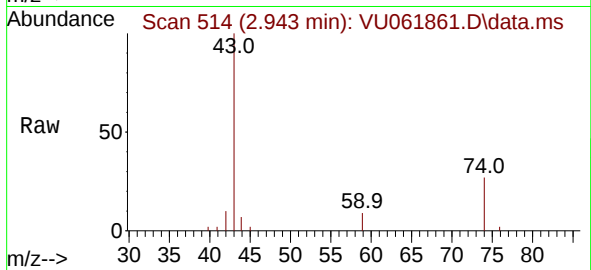




#15
Methyl Acetate
Concen: 5.225 ug/L
RT: 2.943 min Scan# 514
Delta R.T. 0.000 min
Lab File: VU061861.D
Acq: 20 Nov 2024 12:10

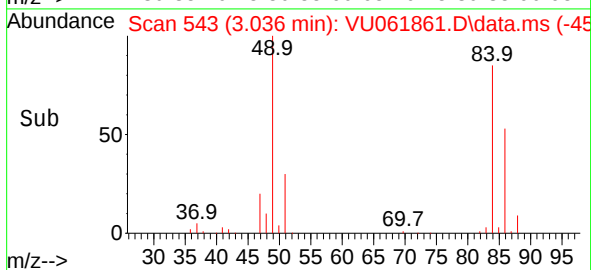
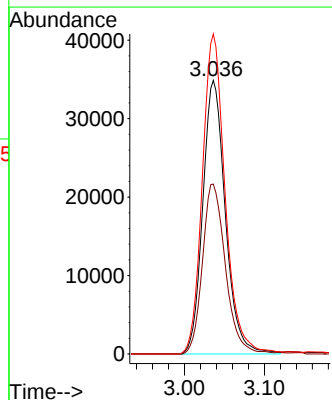
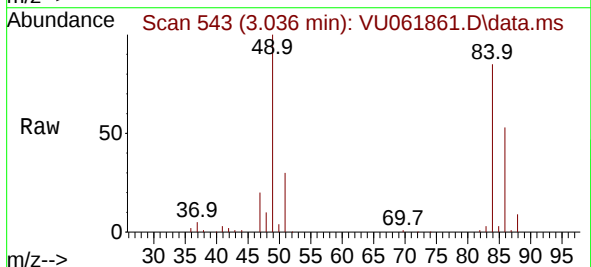
Instrument :
MSVOA_U
ClientSampleId :

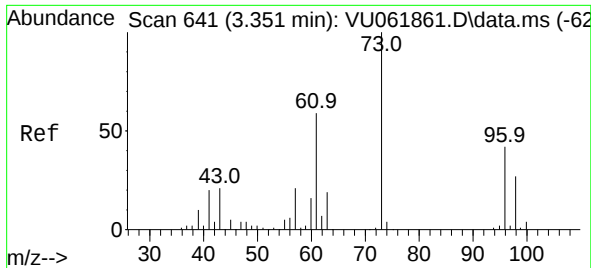
Tgt Ion: 43 Resp: 24419
Ion Ratio Lower Upper
43 100
74 24.3 19.4 29.2



#16
Methylene chloride
Concen: 5.774 ug/L
RT: 3.036 min Scan# 543
Delta R.T. 0.000 min
Lab File: VU061861.D
Acq: 20 Nov 2024 12:10

Tgt Ion: 84 Resp: 68646
Ion Ratio Lower Upper
84 100
86 62.1 43.5 80.7
49 117.0 81.9 152.1

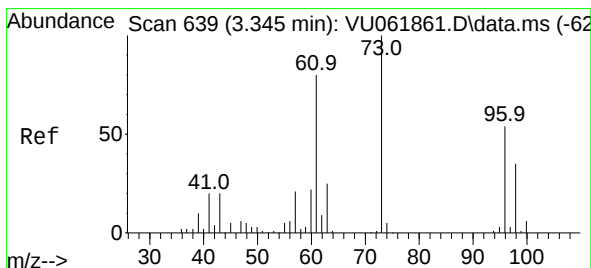
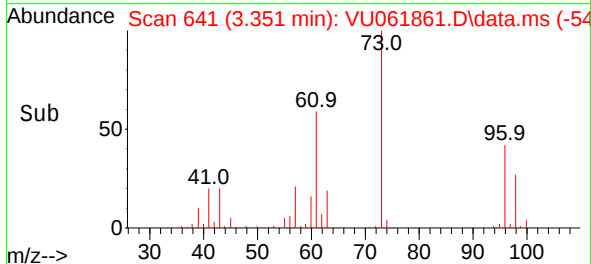
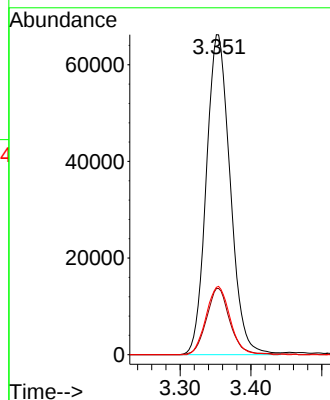
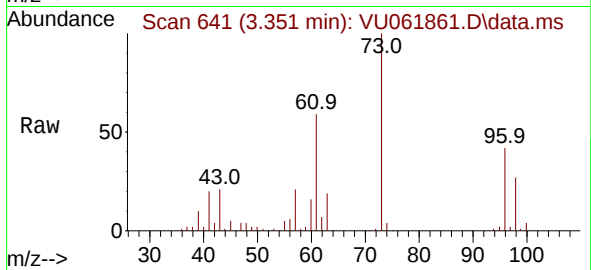




#17
Methyl tert-butyl Ether
Concen: 5.364 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.000 min
Lab File: VU061861.D
Acq: 20 Nov 2024 12:10

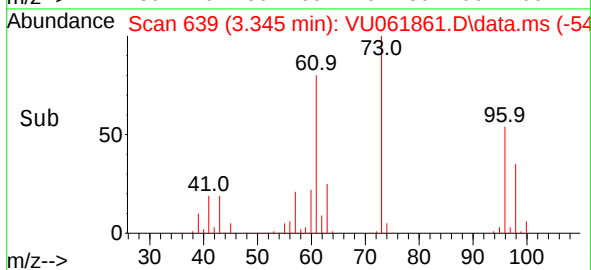
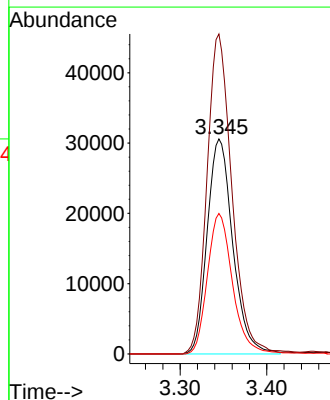
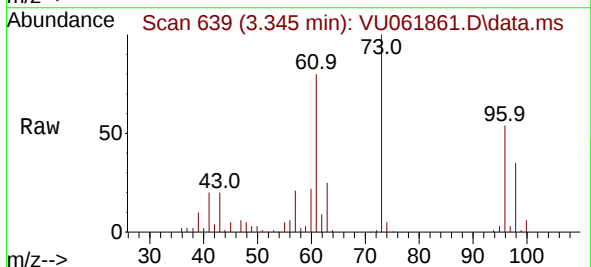
Instrument :
MSVOA_U
ClientSampleId :

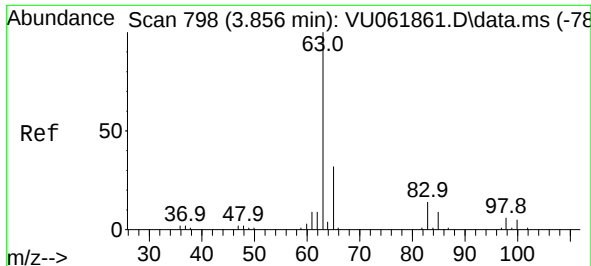
Tgt Ion: 73 Resp: 155020
Ion Ratio Lower Upper
73 100
43 20.4 16.3 24.5
57 21.4 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 5.571 ug/L
RT: 3.345 min Scan# 639
Delta R.T. 0.000 min
Lab File: VU061861.D
Acq: 20 Nov 2024 12:10

Tgt Ion: 96 Resp: 62821
Ion Ratio Lower Upper
96 100
61 148.8 104.2 193.4
98 65.3 45.7 84.9

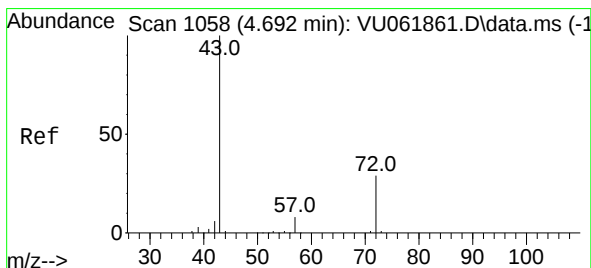
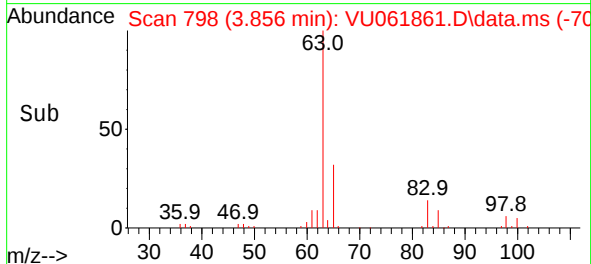
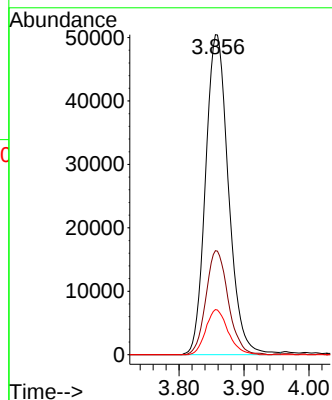
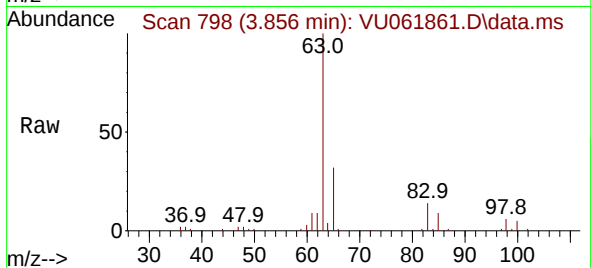




#19
1,1-Dichloroethane
Concen: 5.658 ug/L
RT: 3.856 min Scan# 798
Delta R.T. 0.000 min
Lab File: VU061861.D
Acq: 20 Nov 2024 12:10

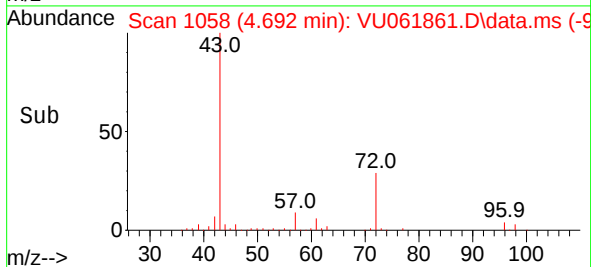
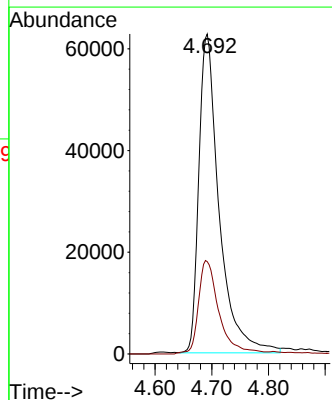
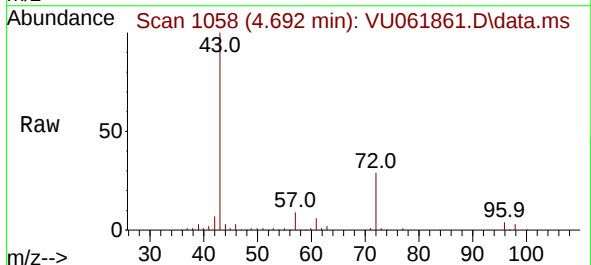
Instrument :
MSVOA_U
ClientSampleId :

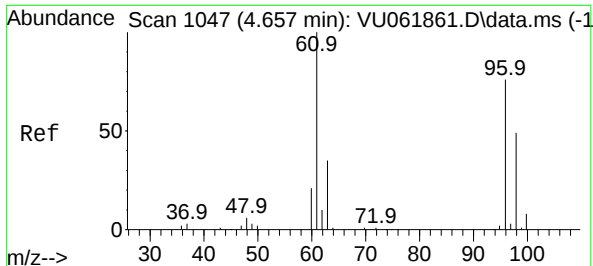
Tgt Ion: 63 Resp: 123807
Ion Ratio Lower Upper
63 100
65 32.5 22.7 42.3
83 14.1 9.9 18.3



#21
2-Butanone
Concen: 50.448 ug/L
RT: 4.692 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VU061861.D
Acq: 20 Nov 2024 12:10

Tgt Ion: 43 Resp: 155870
Ion Ratio Lower Upper
43 100
72 29.6 14.8 44.4



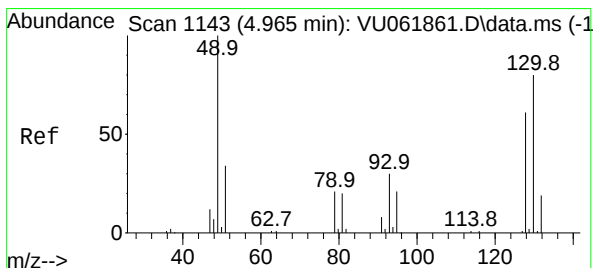
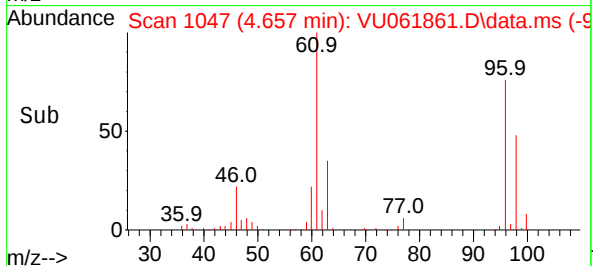
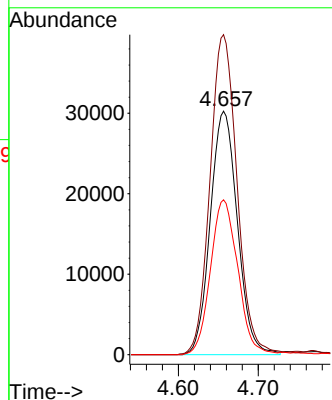
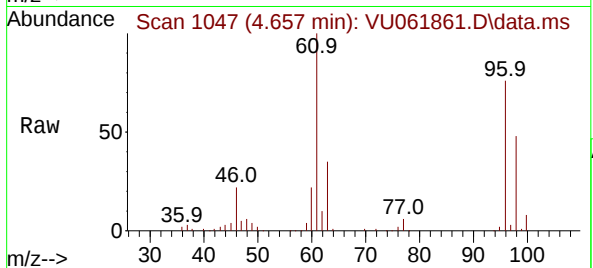


#22
 cis-1,2-Dichloroethene
 Concen: 5.681 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU061861.D
 Acq: 20 Nov 2024 12:10

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 96 Resp: 71371

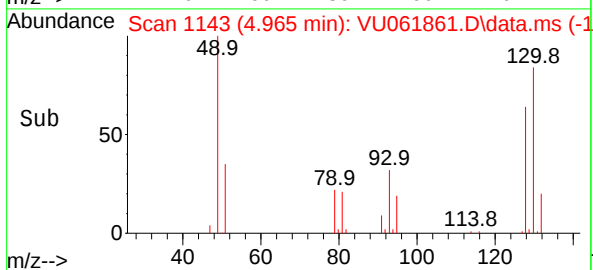
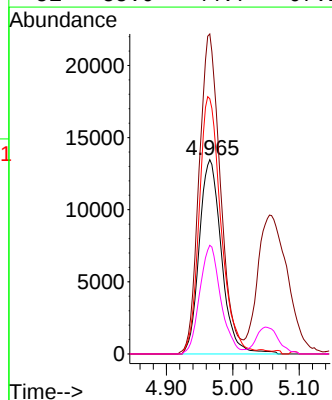
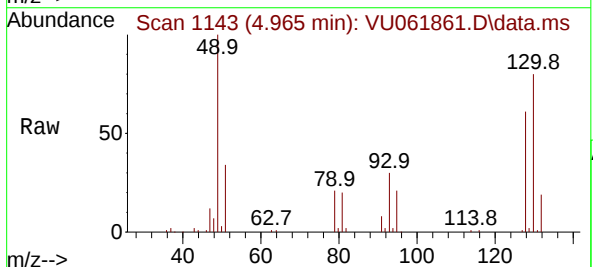
Ion	Ratio	Lower	Upper
96	100		
61	131.4	92.0	170.8
98	63.6	44.5	82.7

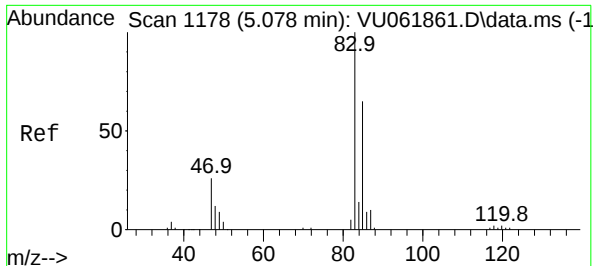


#23
 Bromochloromethane
 Concen: 6.062 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. 0.000 min
 Lab File: VU061861.D
 Acq: 20 Nov 2024 12:10

Tgt Ion: 128 Resp: 31333

Ion	Ratio	Lower	Upper
128	100		
49	164.7	115.3	214.1
130	131.4	92.0	170.8
51	55.9	44.7	67.1





#25

Chloroform

Concen: 5.893 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU061861.D

Acq: 20 Nov 2024 12:10

Instrument :

MSVOA_U

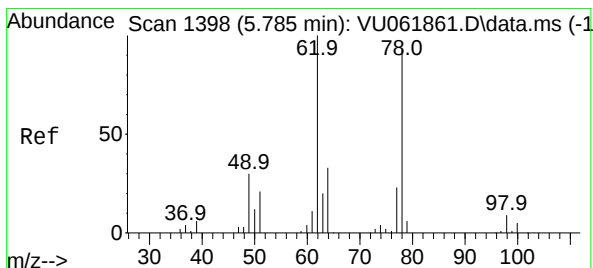
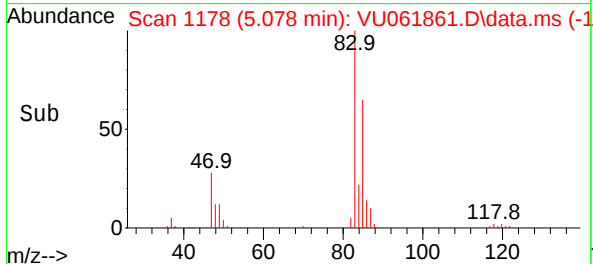
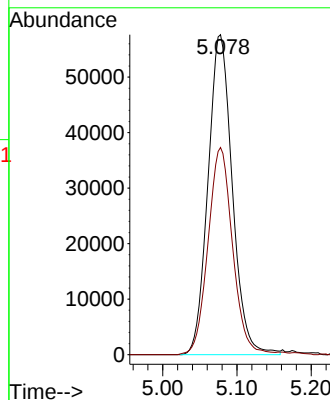
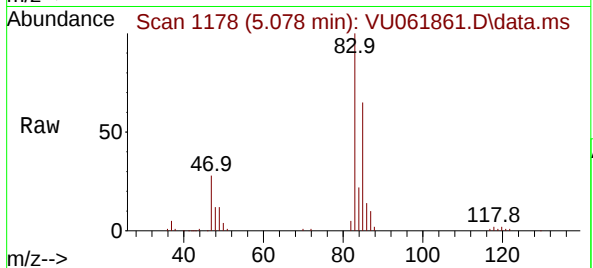
ClientSampleId :

Tgt Ion: 83 Resp: 131066

Ion Ratio Lower Upper

83 100

85 64.8 45.4 84.2



#27

1,2-Dichloroethane

Concen: 5.741 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VU061861.D

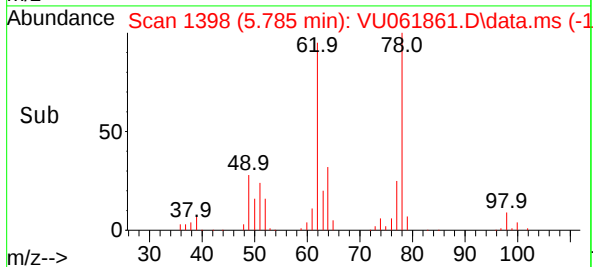
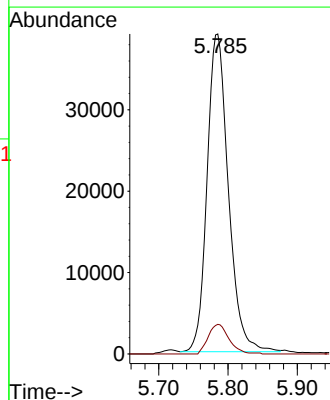
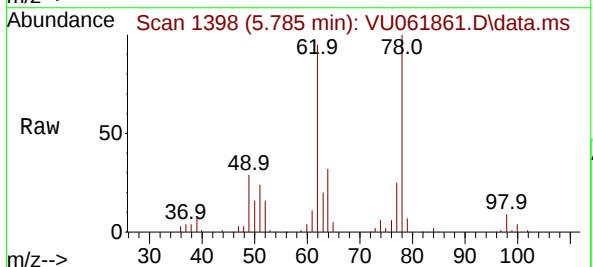
Acq: 20 Nov 2024 12:10

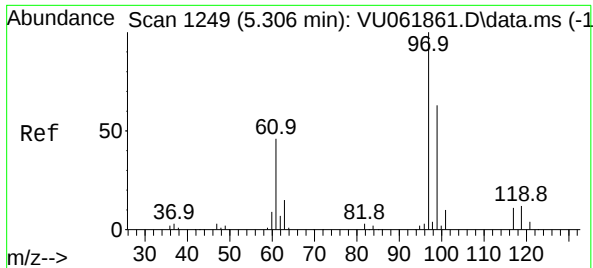
Tgt Ion: 62 Resp: 83170

Ion Ratio Lower Upper

62 100

98 9.2 7.4 11.0

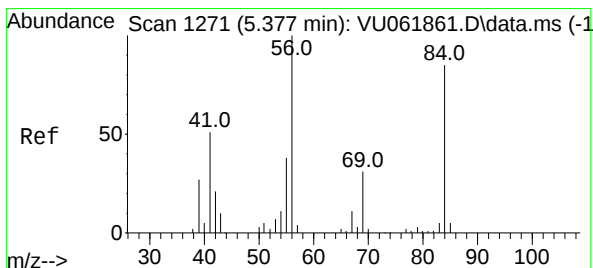
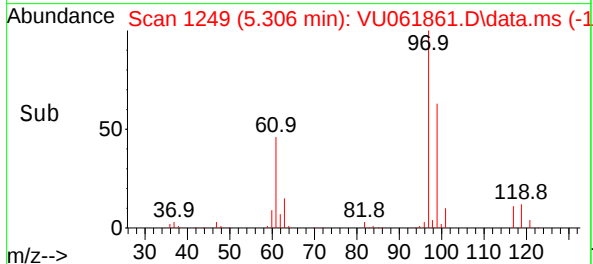
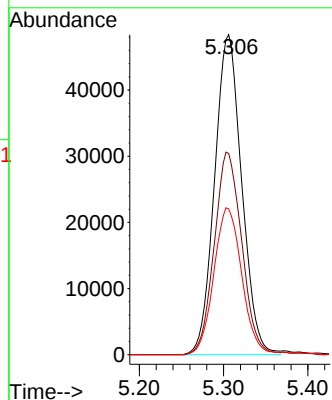
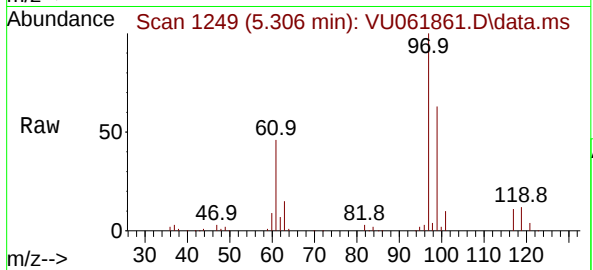




#29
1,1,1-Trichloroethane
Concen: 5.540 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU061861.D
Acq: 20 Nov 2024 12:10

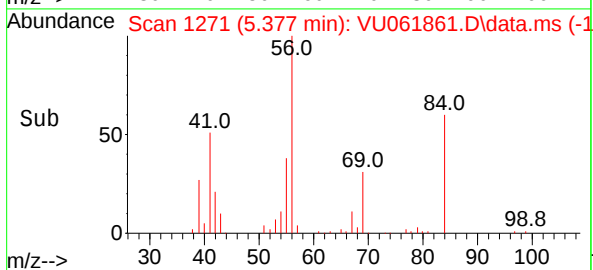
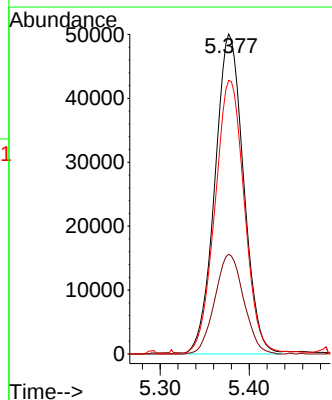
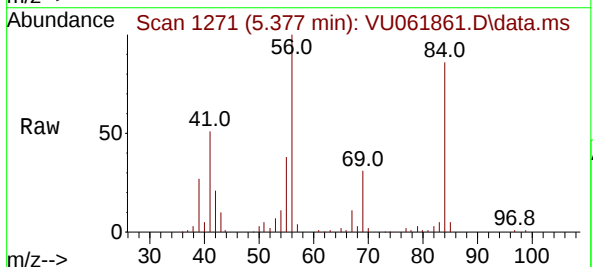
Instrument :
MSVOA_U
ClientSampleId :

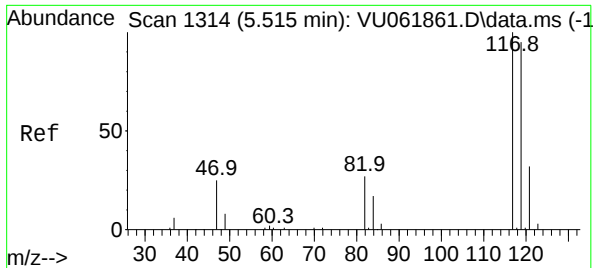
Tgt Ion: 97 Resp: 108213
Ion Ratio Lower Upper
97 100
99 64.3 51.4 77.2
61 47.2 37.8 56.6



#30
Cyclohexane
Concen: 5.218 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. 0.000 min
Lab File: VU061861.D
Acq: 20 Nov 2024 12:10

Tgt Ion: 56 Resp: 111847
Ion Ratio Lower Upper
56 100
69 31.4 25.1 37.7
84 88.2 70.6 105.8

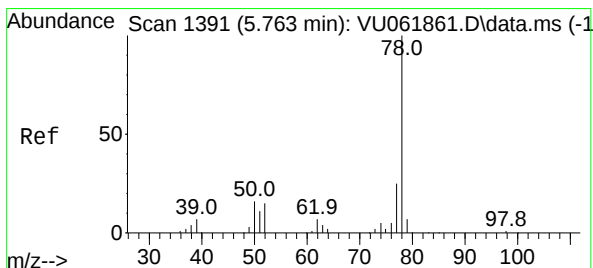
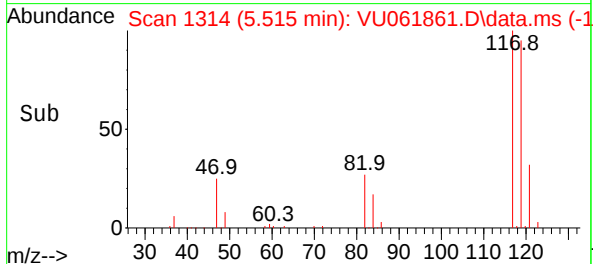
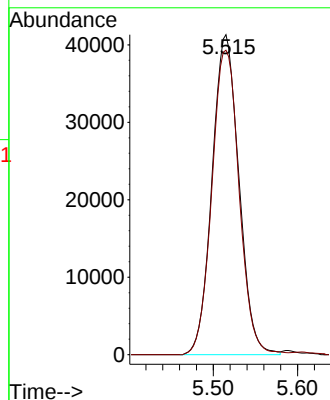
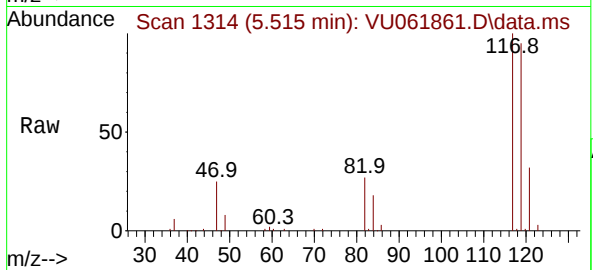




#31
Carbon tetrachloride
Concen: 5.543 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU061861.D
Acq: 20 Nov 2024 12:10

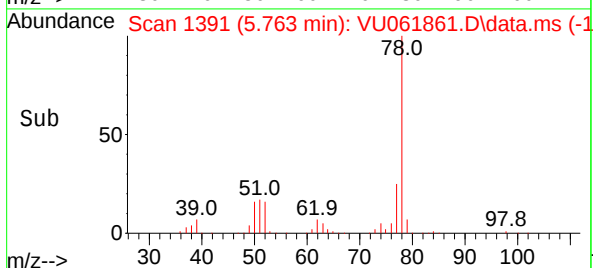
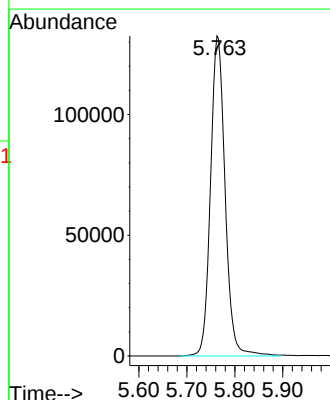
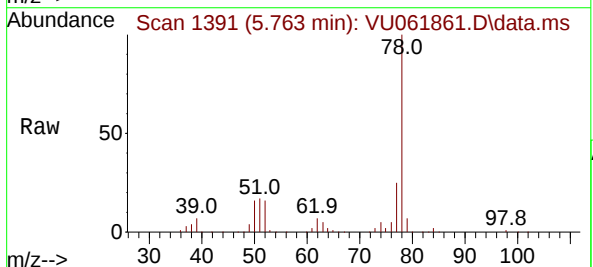
Instrument :
MSVOA_U
ClientSampleId :

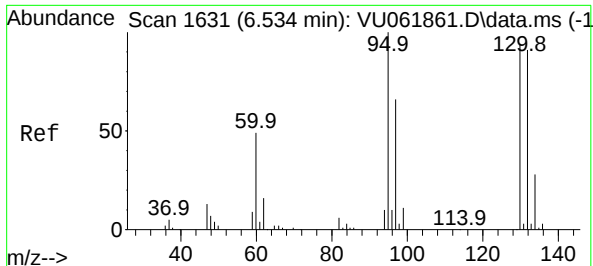
Tgt Ion:117 Resp: 91361
Ion Ratio Lower Upper
117 100
119 96.9 77.5 116.3



#33
Benzene
Concen: 5.632 ug/L
RT: 5.763 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VU061861.D
Acq: 20 Nov 2024 12:10

Tgt Ion: 78 Resp: 279943

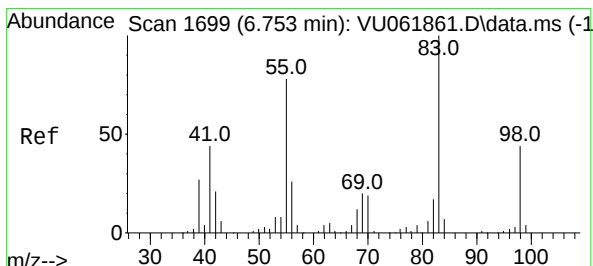
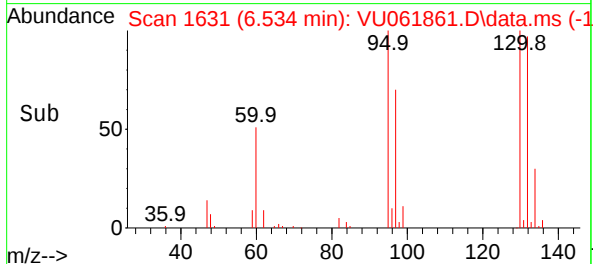
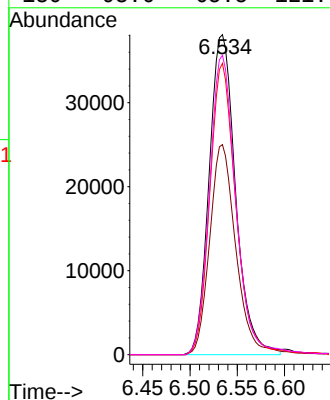
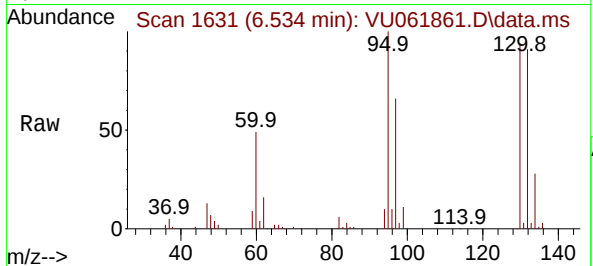




#34
Trichloroethene
Concen: 5.489 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VU061861.D
Acq: 20 Nov 2024 12:10

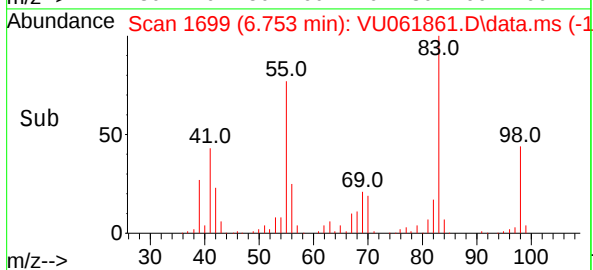
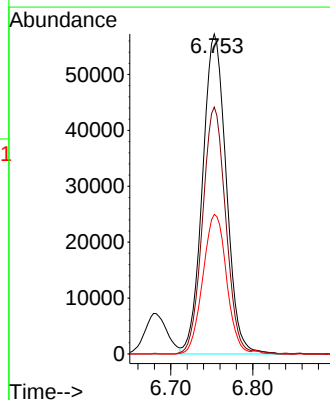
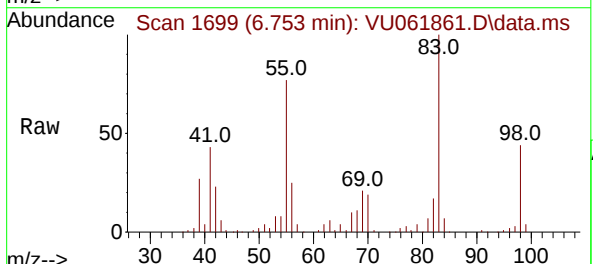
Instrument :
MSVOA_U
ClientSampleId :

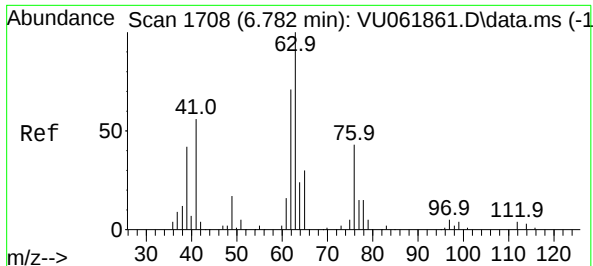
Tgt Ion: 95 Resp: 74118
Ion Ratio Lower Upper
95 100
97 65.6 45.9 85.3
132 91.1 63.8 118.4
130 93.6 65.5 121.7



#35
Methylcyclohexane
Concen: 5.352 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VU061861.D
Acq: 20 Nov 2024 12:10

Tgt Ion: 83 Resp: 114838
Ion Ratio Lower Upper
83 100
55 75.9 60.7 91.1
98 43.5 34.8 52.2

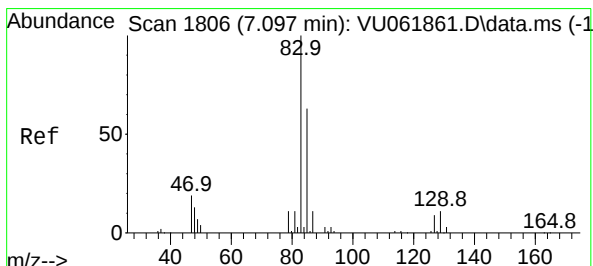
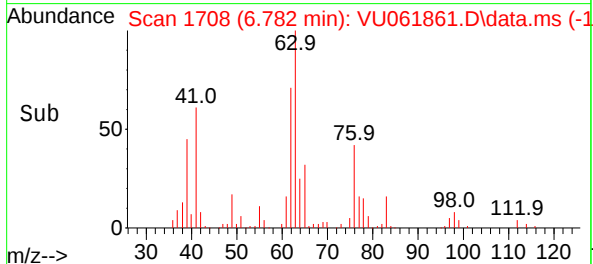
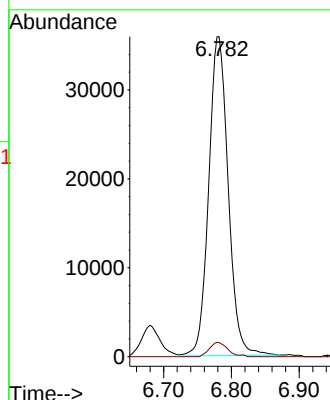
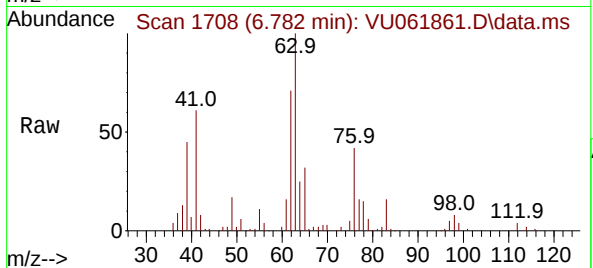




#37
1,2-Dichloropropane
Concen: 5.502 ug/L
RT: 6.782 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VU061861.D
Acq: 20 Nov 2024 12:10

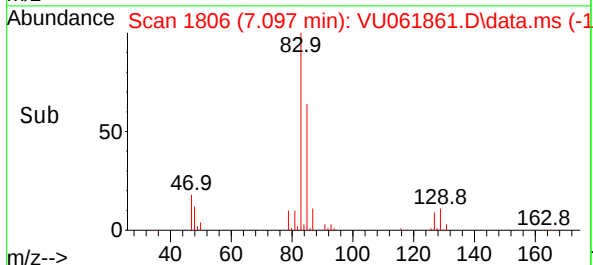
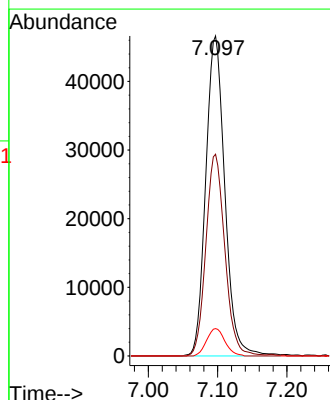
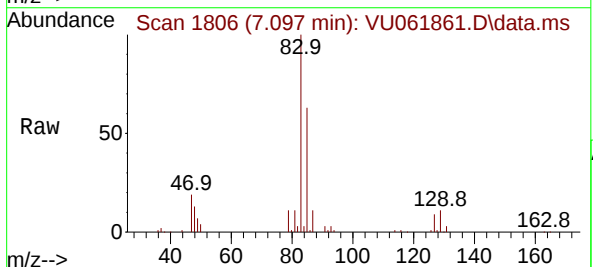
Instrument :
MSVOA_U
ClientSampleId :

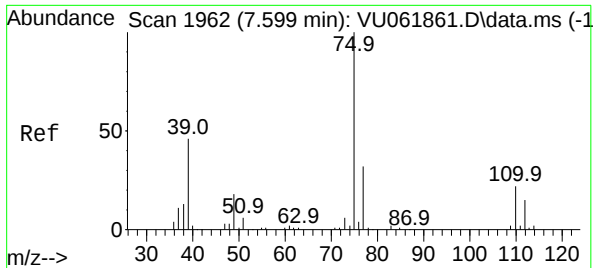
Tgt Ion: 63 Resp: 71681
Ion Ratio Lower Upper
63 100
112 4.2 3.4 5.0



#38
Bromodichloromethane
Concen: 5.467 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU061861.D
Acq: 20 Nov 2024 12:10

Tgt Ion: 83 Resp: 89092
Ion Ratio Lower Upper
83 100
85 63.0 44.1 81.9
127 8.6 6.9 10.3

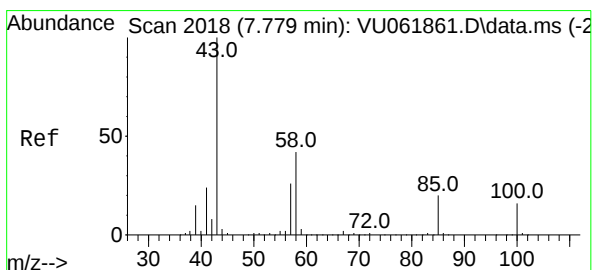
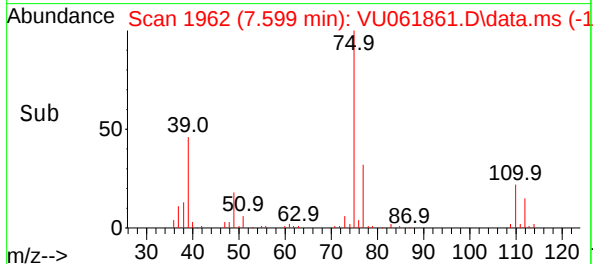
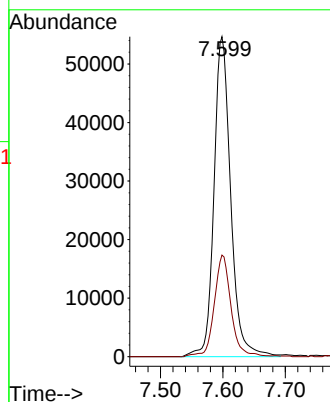
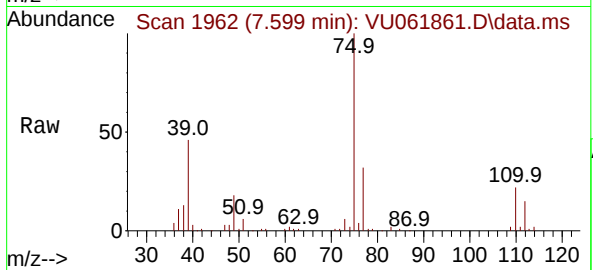




#39
 cis-1,3-Dichloropropene
 Concen: 5.098 ug/L
 RT: 7.599 min Scan# 1962
 Delta R.T. 0.000 min
 Lab File: VU061861.D
 Acq: 20 Nov 2024 12:10

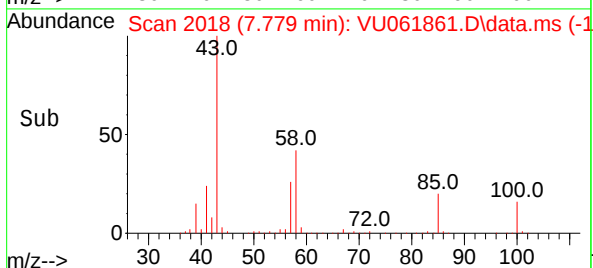
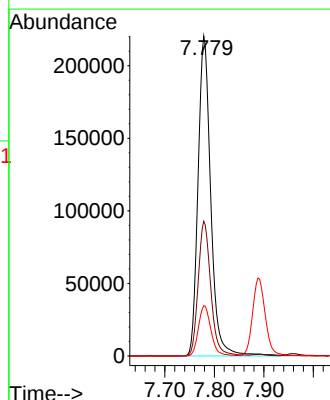
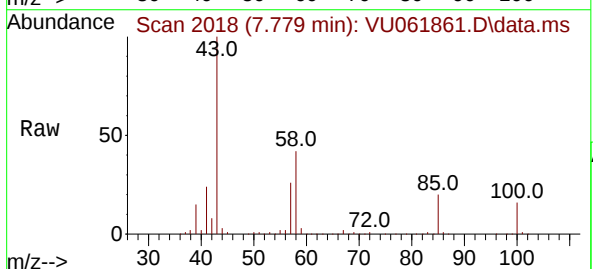
Instrument :
 MSVOA_U
 ClientSampleId :

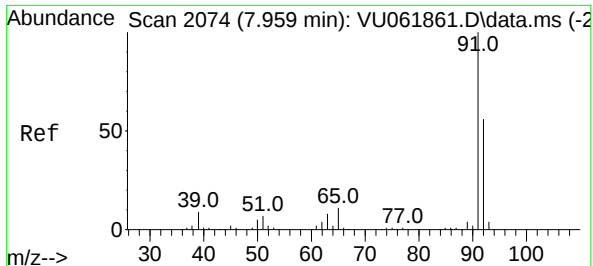
Tgt Ion: 75 Resp: 101970
 Ion Ratio Lower Upper
 75 100
 77 31.8 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 49.204 ug/L
 RT: 7.779 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VU061861.D
 Acq: 20 Nov 2024 12:10

Tgt Ion: 43 Resp: 395971
 Ion Ratio Lower Upper
 43 100
 58 41.6 33.3 49.9
 100 15.5 12.4 18.6





#42

Toluene

Concen: 5.647 ug/L

RT: 7.959 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VU061861.D

Acq: 20 Nov 2024 12:10

Instrument :

MSVOA_U

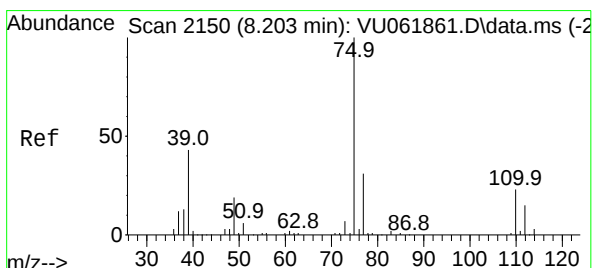
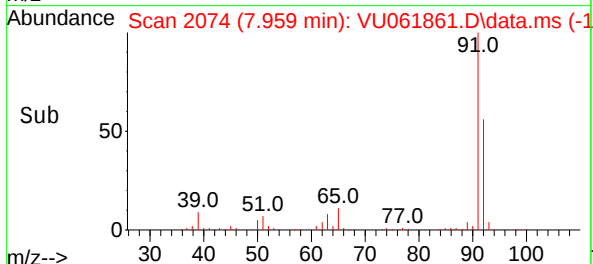
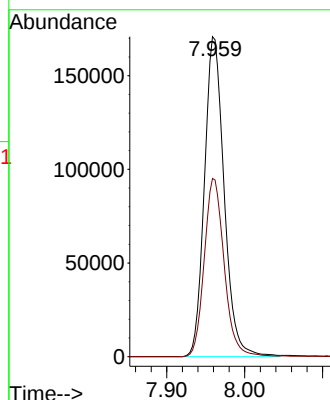
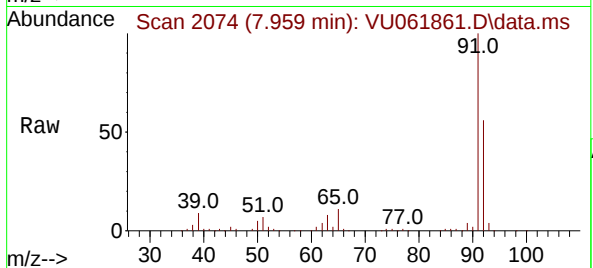
ClientSampleId :

Tgt Ion: 91 Resp: 300401

Ion Ratio Lower Upper

91 100

92 55.7 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 5.053 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU061861.D

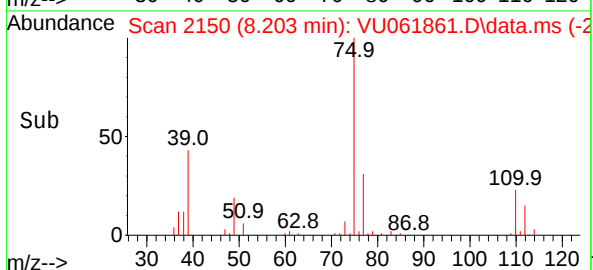
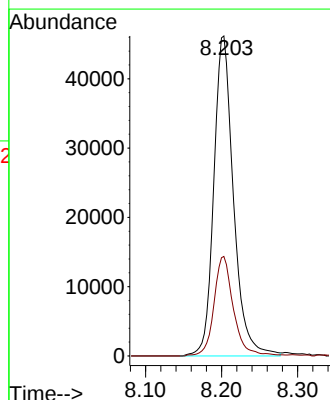
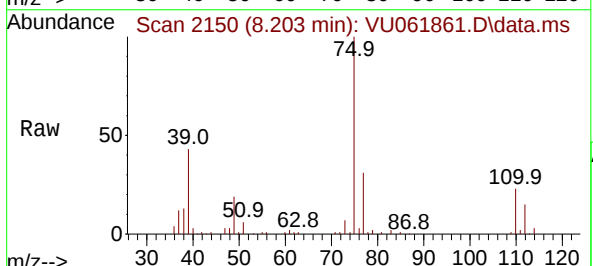
Acq: 20 Nov 2024 12:10

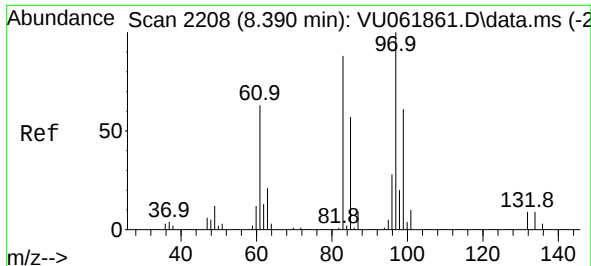
Tgt Ion: 75 Resp: 83082

Ion Ratio Lower Upper

75 100

77 31.1 21.8 40.4



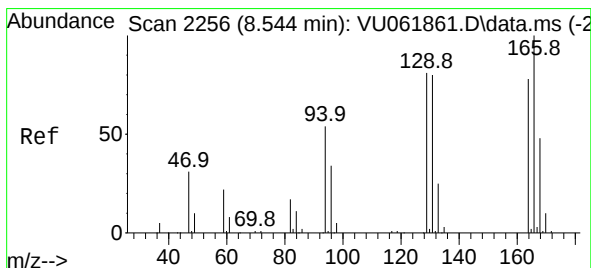
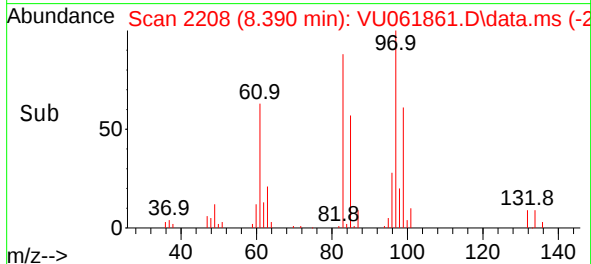
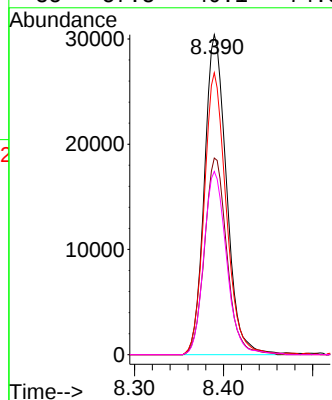
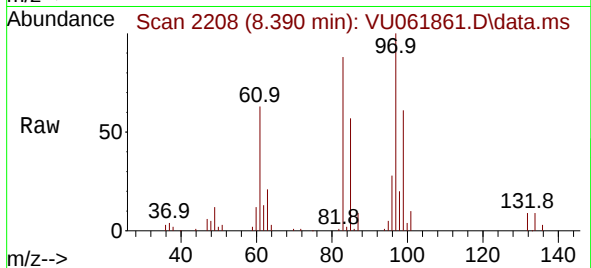


#45
1,1,2-Trichloroethane
Concen: 5.905 ug/L
RT: 8.390 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VU061861.D
Acq: 20 Nov 2024 12:10

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 52448

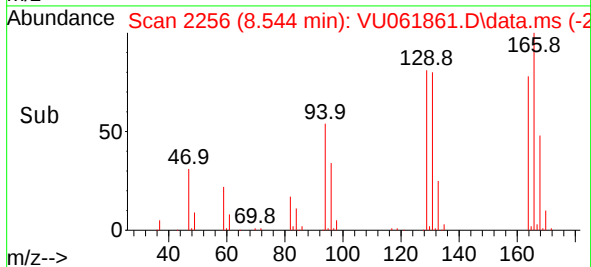
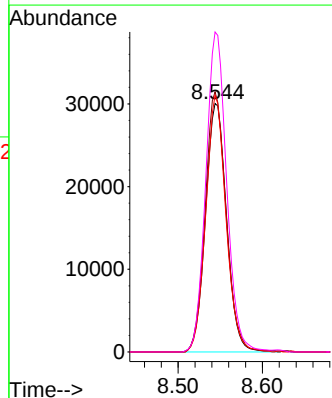
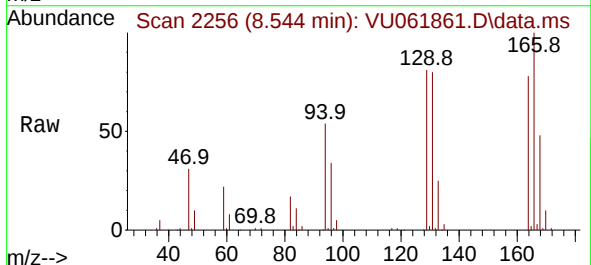
Ion	Ratio	Lower	Upper
97	100		
99	61.4	43.0	79.8
83	88.1	61.7	114.5
85	57.3	40.1	74.5

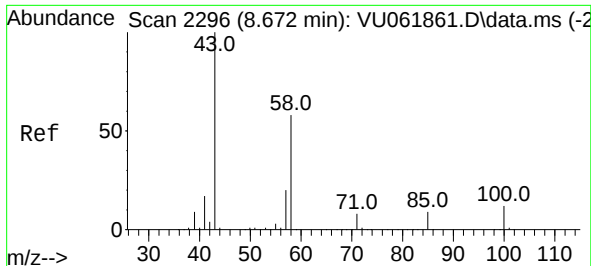


#47
Tetrachloroethene
Concen: 5.849 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU061861.D
Acq: 20 Nov 2024 12:10

Tgt Ion: 164 Resp: 52091

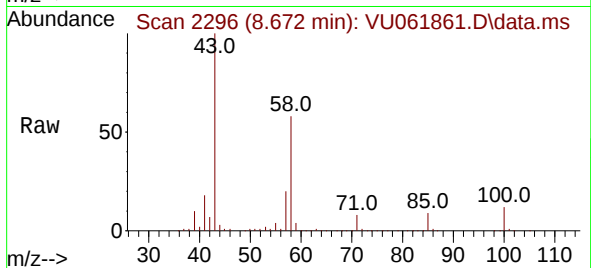
Ion	Ratio	Lower	Upper
164	100		
129	104.6	73.2	136.0
131	103.3	72.3	134.3
166	128.8	90.2	167.4



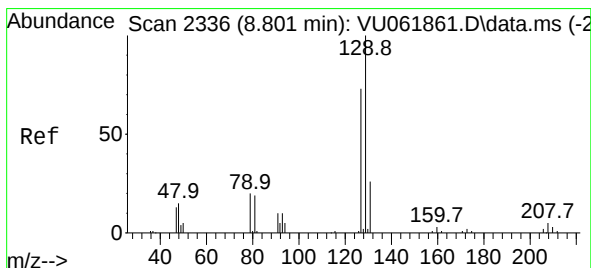
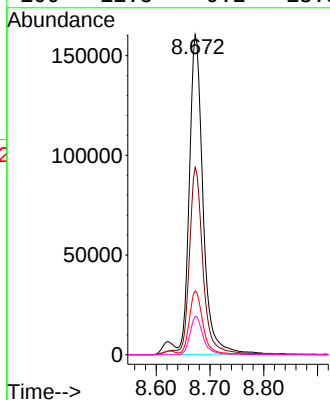
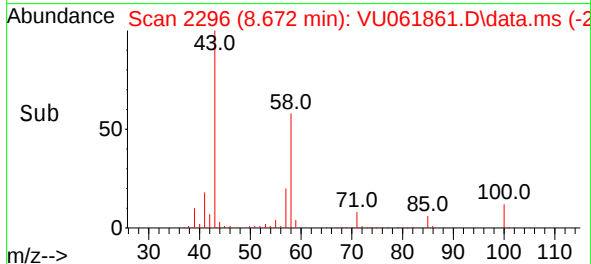


#48
2-Hexanone
Concen: 50.607 ug/L
RT: 8.672 min Scan# 2296
Delta R.T. 0.000 min
Lab File: VU061861.D
Acq: 20 Nov 2024 12:10

Instrument :
MSVOA_U
ClientSampleId :

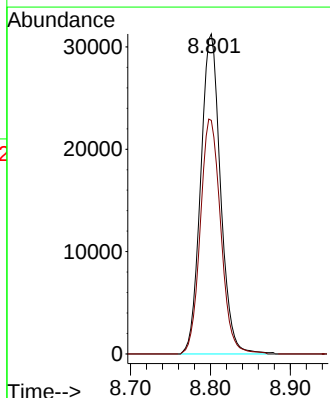
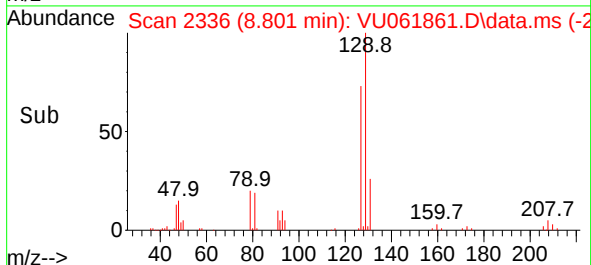
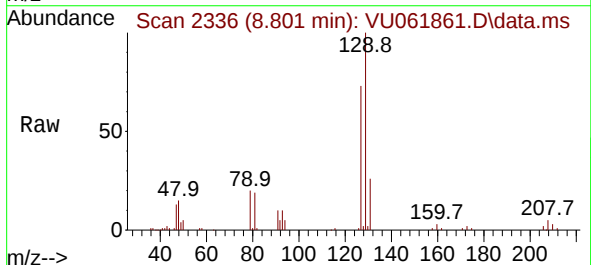


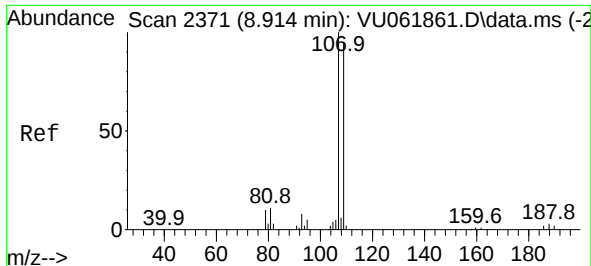
Tgt Ion: 43 Resp: 282567
Ion Ratio Lower Upper
43 100
58 59.4 47.5 71.3
57 19.5 15.6 23.4
100 11.5 9.2 13.8



#49
Dibromochloromethane
Concen: 5.411 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU061861.D
Acq: 20 Nov 2024 12:10

Tgt Ion: 129 Resp: 54014
Ion Ratio Lower Upper
129 100
127 73.0 51.1 94.9

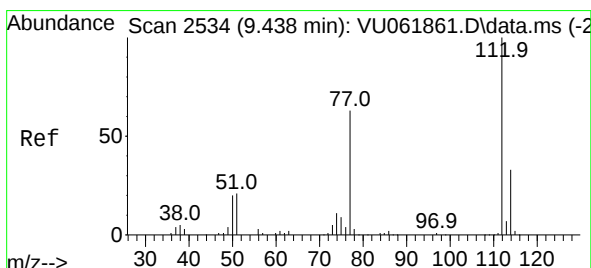
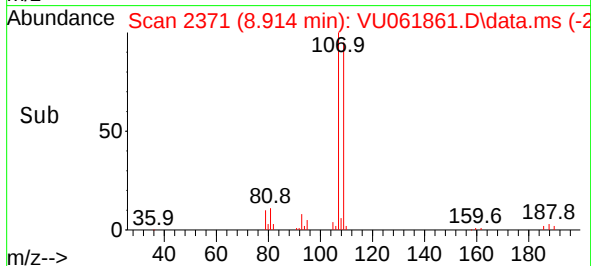
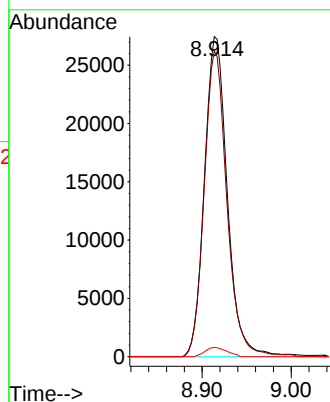
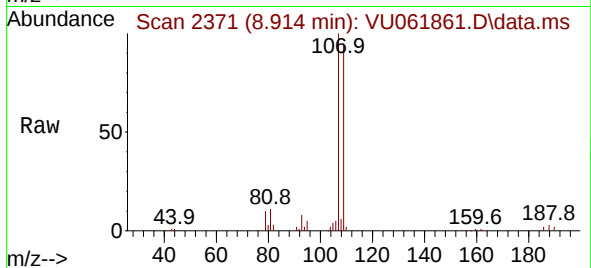




#50
1,2-Dibromoethane
Concen: 5.871 ug/L
RT: 8.914 min Scan# 2371
Delta R.T. 0.000 min
Lab File: VU061861.D
Acq: 20 Nov 2024 12:10

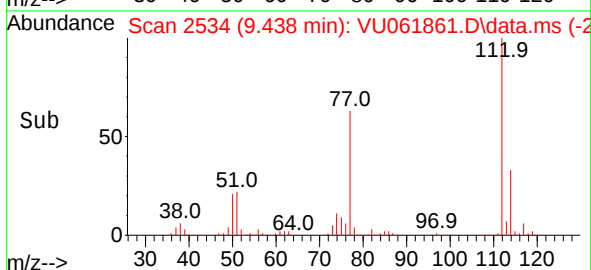
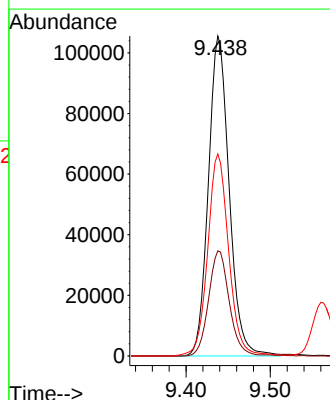
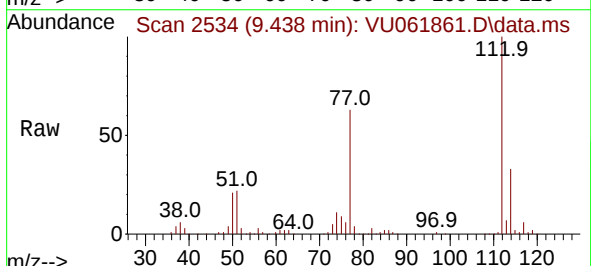
Instrument :
MSVOA_U
ClientSampleId :

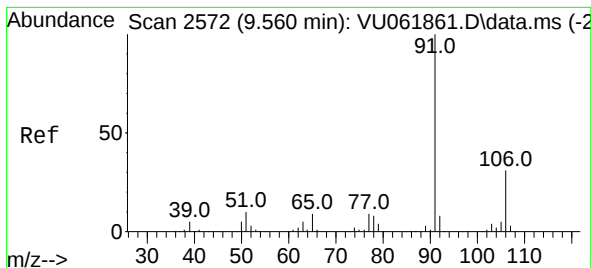
Tgt Ion:107 Resp: 48677
Ion Ratio Lower Upper
107 100
109 95.5 66.8 124.2
188 2.9 2.3 3.5



#51
Chlorobenzene
Concen: 5.604 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. 0.000 min
Lab File: VU061861.D
Acq: 20 Nov 2024 12:10

Tgt Ion:112 Resp: 181219
Ion Ratio Lower Upper
112 100
114 32.8 23.0 42.6
77 63.1 50.5 75.7





#52

Ethylbenzene

Concen: 5.385 ug/L

RT: 9.560 min Scan# 2572

Delta R.T. 0.000 min

Lab File: VU061861.D

Acq: 20 Nov 2024 12:10

Instrument :

MSVOA_U

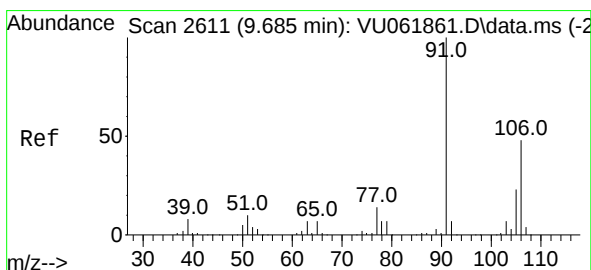
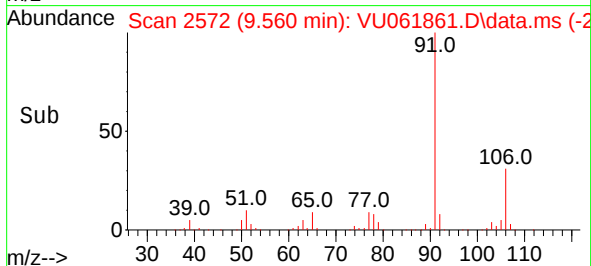
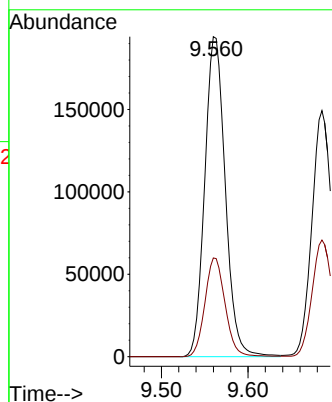
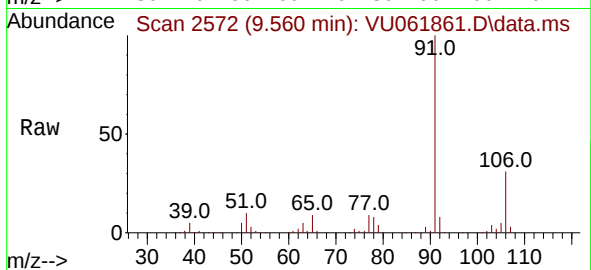
ClientSampleId :

Tgt Ion: 91 Resp: 320211

Ion Ratio Lower Upper

91 100

106 30.8 21.6 40.0



#53

m,p-Xylene

Concen: 5.528 ug/L

RT: 9.685 min Scan# 2611

Delta R.T. 0.000 min

Lab File: VU061861.D

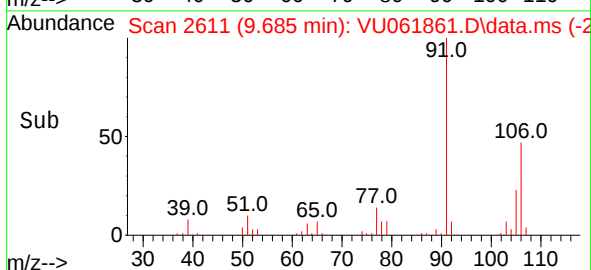
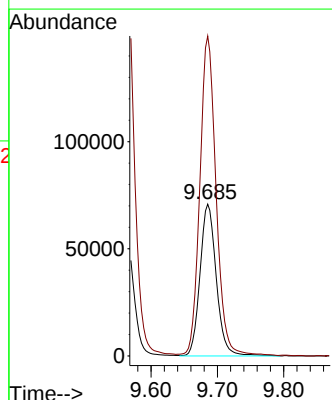
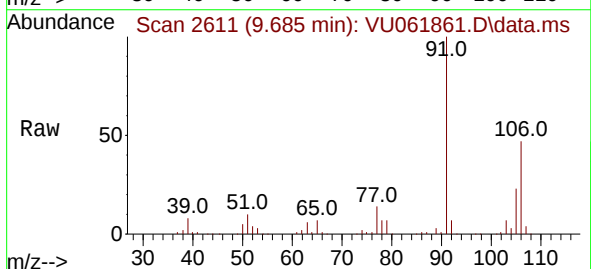
Acq: 20 Nov 2024 12:10

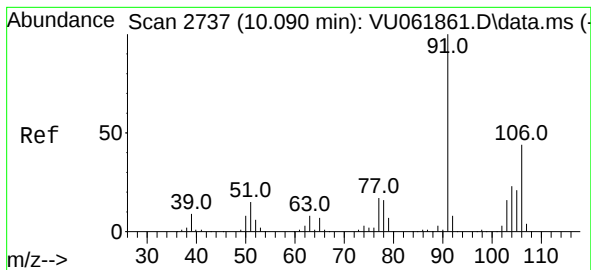
Tgt Ion:106 Resp: 120644

Ion Ratio Lower Upper

106 100

91 210.8 147.6 274.0





#54

o-Xylene

Concen: 5.473 ug/L

RT: 10.090 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU061861.D

Acq: 20 Nov 2024 12:10

Instrument :

MSVOA_U

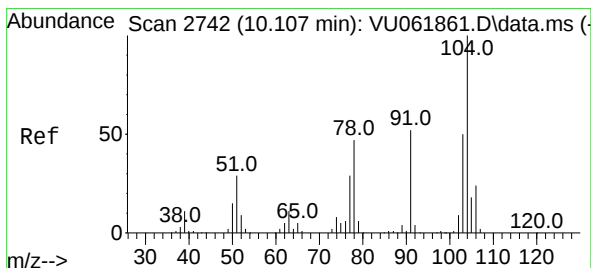
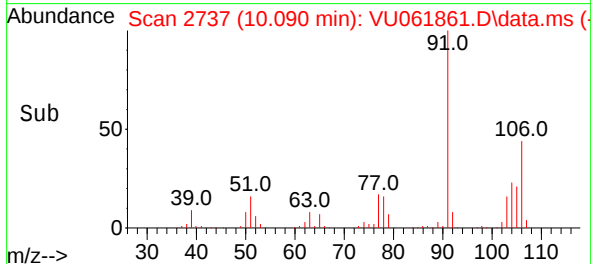
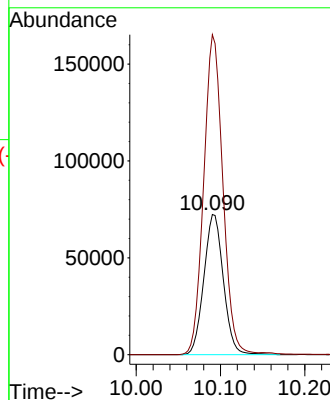
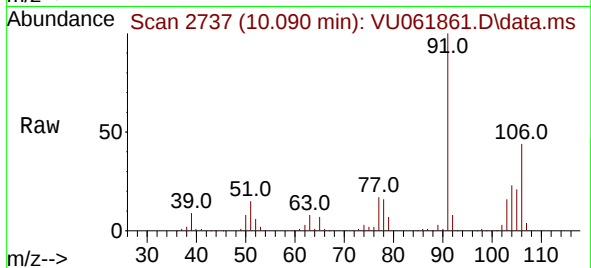
ClientSampleId :

Tgt Ion:106 Resp: 116773

Ion Ratio Lower Upper

106 100

91 228.3 159.8 296.8



#55

Styrene

Concen: 5.577 ug/L

RT: 10.107 min Scan# 2742

Delta R.T. 0.000 min

Lab File: VU061861.D

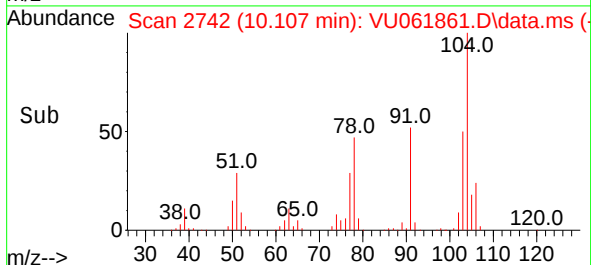
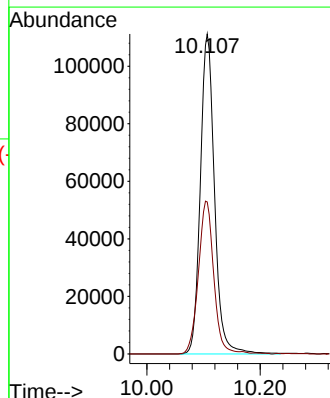
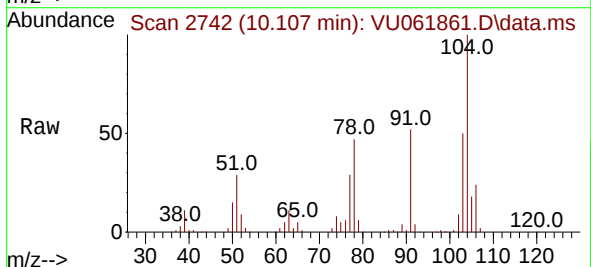
Acq: 20 Nov 2024 12:10

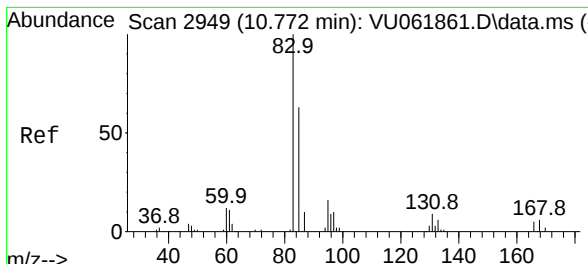
Tgt Ion:104 Resp: 193008

Ion Ratio Lower Upper

104 100

78 47.5 33.2 61.7

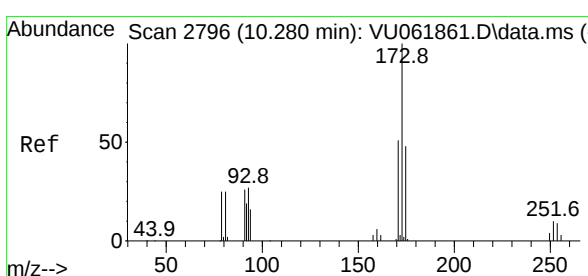
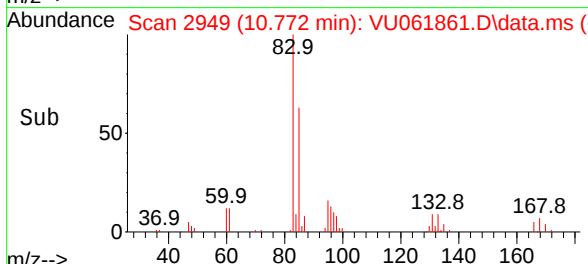
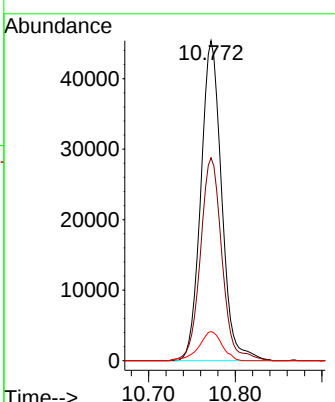
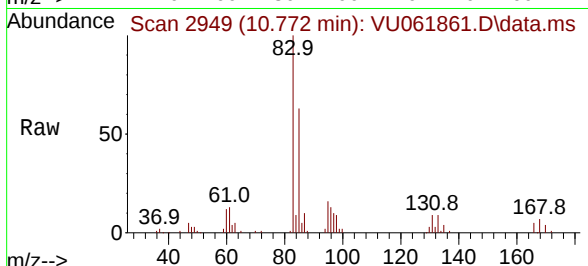




#57
 1,1,2,2-Tetrachloroethane
 Concen: 6.582 ug/L
 RT: 10.772 min Scan# 2949
 Delta R.T. 0.000 min
 Lab File: VU061861.D
 Acq: 20 Nov 2024 12:10

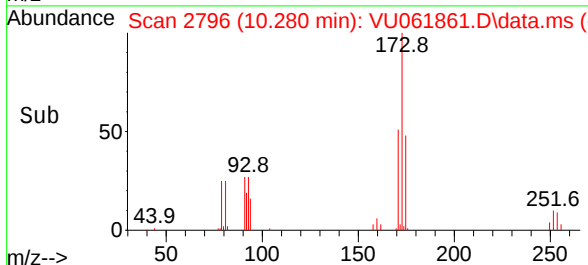
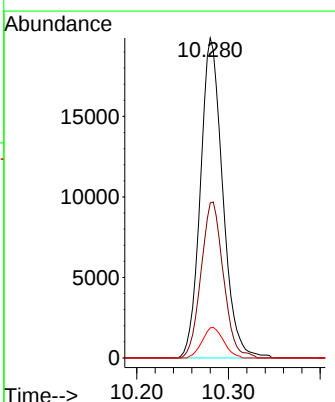
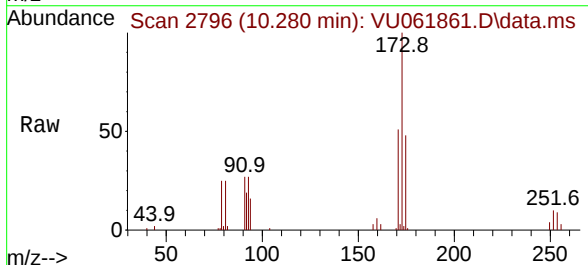
Instrument :
 MSVOA_U
 ClientSampleId :

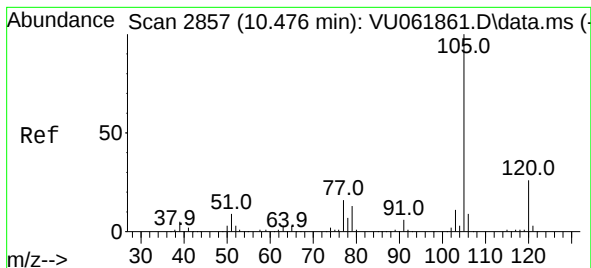
Tgt Ion:	83	Resp:	75592
Ion Ratio	Lower	Upper	
83	100		
85	63.4	44.4	82.4
131	9.1	7.3	10.9



#59
 Bromoform
 Concen: 5.227 ug/L
 RT: 10.280 min Scan# 2796
 Delta R.T. 0.000 min
 Lab File: VU061861.D
 Acq: 20 Nov 2024 12:10

Tgt Ion:	173	Resp:	33603
Ion Ratio	Lower	Upper	
173	100		
175	48.7	39.0	58.4
254	9.2	7.4	11.0





#60

Isopropylbenzene

Concen: 5.742 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU061861.D

Acq: 20 Nov 2024 12:10

Instrument :

MSVOA_U

ClientSampleId :

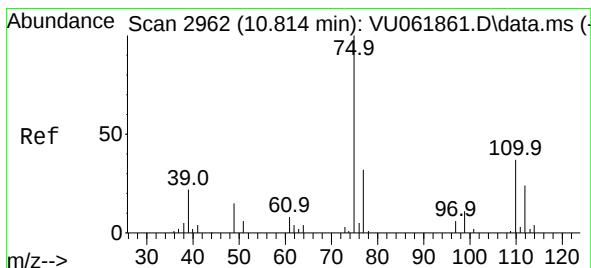
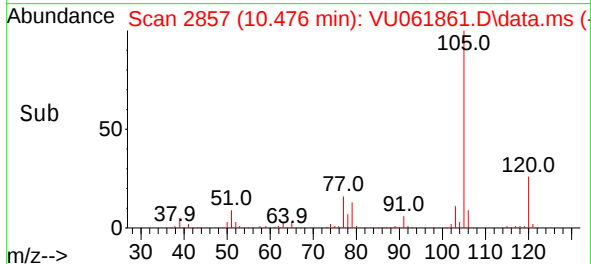
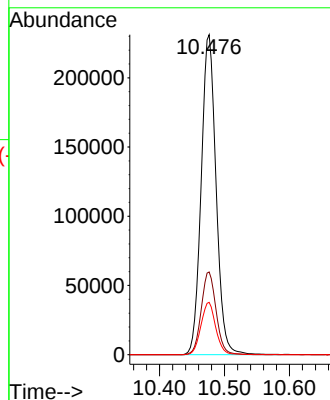
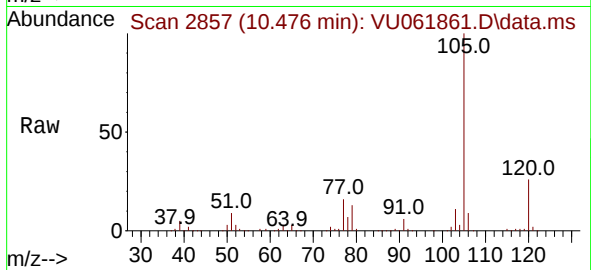
Tgt Ion:105 Resp: 369007

Ion Ratio Lower Upper

105 100

120 25.8 20.6 31.0

77 16.3 13.0 19.6



#61

1,2,3-Trichloropropane

Concen: 5.585 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. 0.000 min

Lab File: VU061861.D

Acq: 20 Nov 2024 12:10

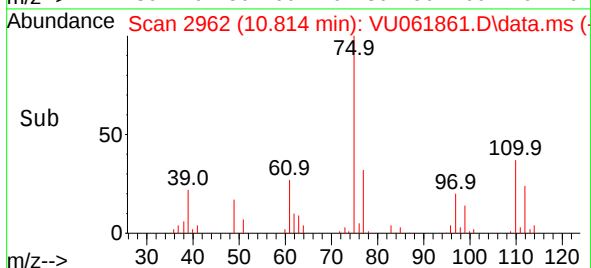
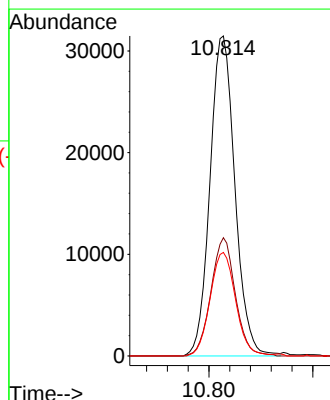
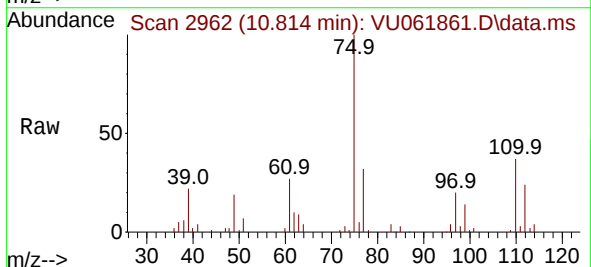
Tgt Ion: 75 Resp: 52389

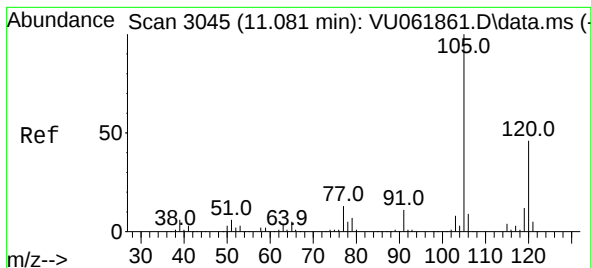
Ion Ratio Lower Upper

75 100

110 36.1 28.9 43.3

77 33.1 26.5 39.7





#62

1,3,5-Trimethylbenzene

Concen: 5.446 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU061861.D

Acq: 20 Nov 2024 12:10

Instrument :

MSVOA_U

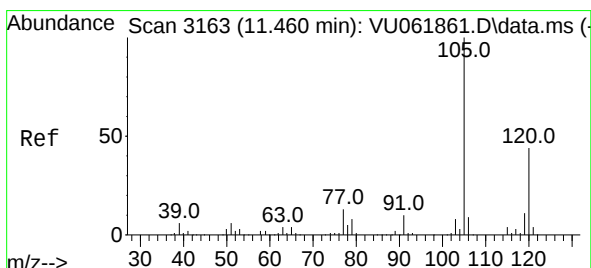
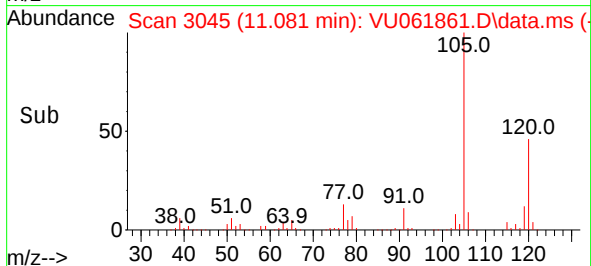
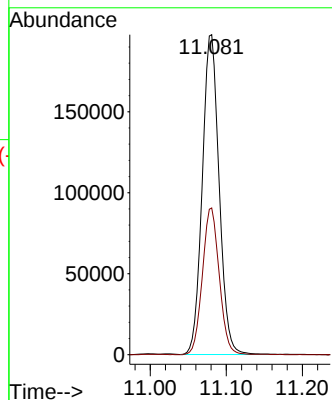
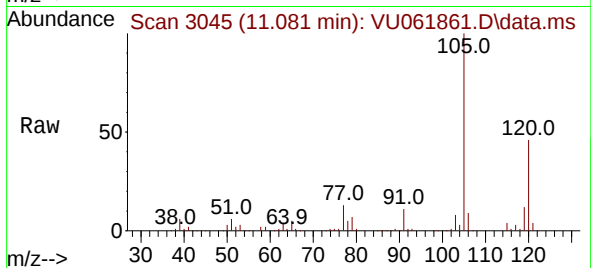
ClientSampleId :

Tgt Ion:105 Resp: 303666

Ion Ratio Lower Upper

105 100

120 45.9 36.7 55.1



#63

1,2,4-Trimethylbenzene

Concen: 5.016 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VU061861.D

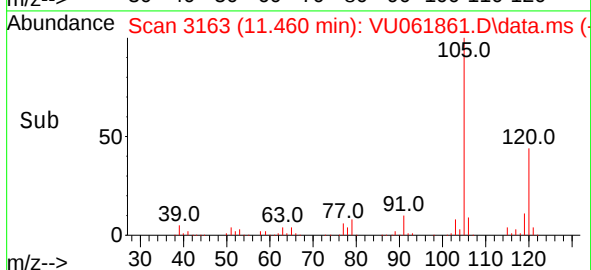
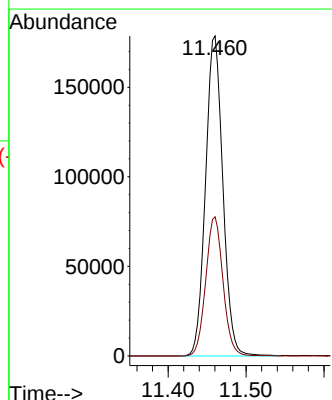
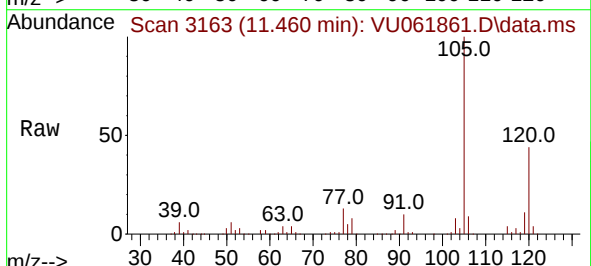
Acq: 20 Nov 2024 12:10

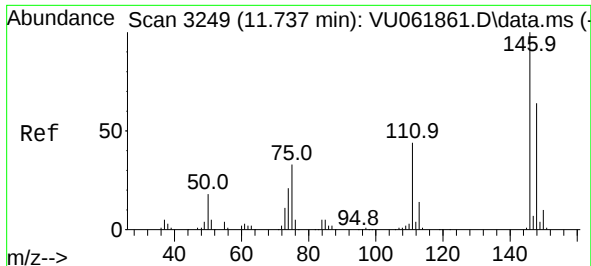
Tgt Ion:105 Resp: 275934

Ion Ratio Lower Upper

105 100

120 43.4 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 5.768 ug/L

RT: 11.737 min Scan# 3249

Delta R.T. 0.000 min

Lab File: VU061861.D

Acq: 20 Nov 2024 12:10

Instrument :

MSVOA_U

ClientSampleId :

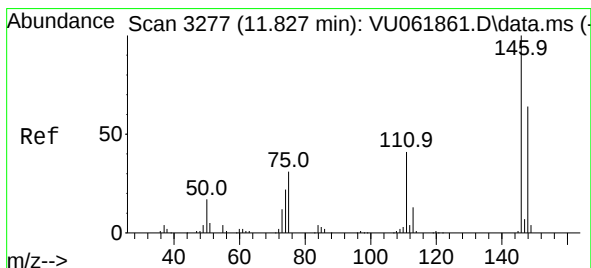
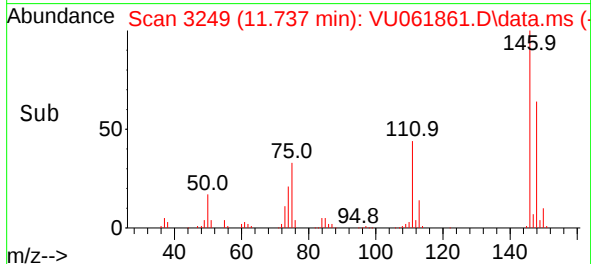
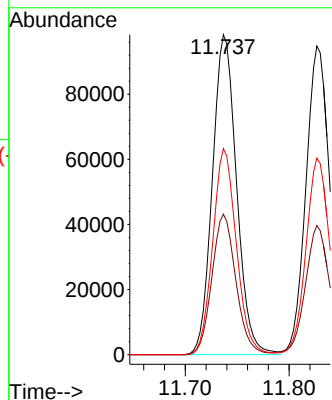
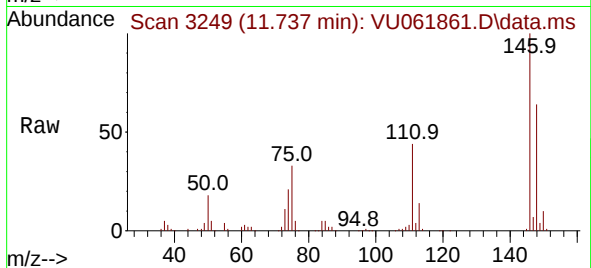
Tgt Ion:146 Resp: 158798

Ion Ratio Lower Upper

146 100

111 43.9 30.7 57.1

148 64.4 45.1 83.7



#65

1,4-Dichlorobenzene

Concen: 5.690 ug/L

RT: 11.827 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VU061861.D

Acq: 20 Nov 2024 12:10

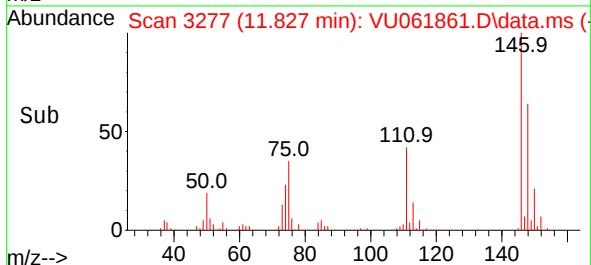
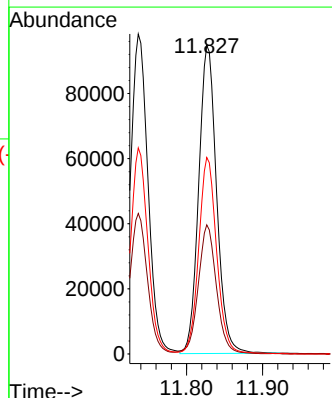
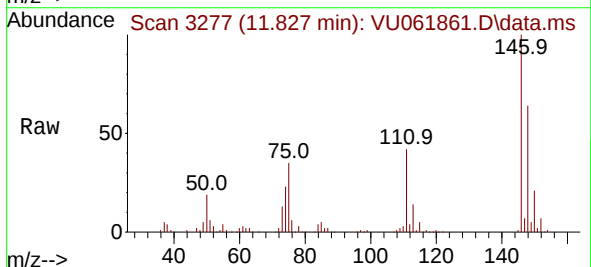
Tgt Ion:146 Resp: 154822

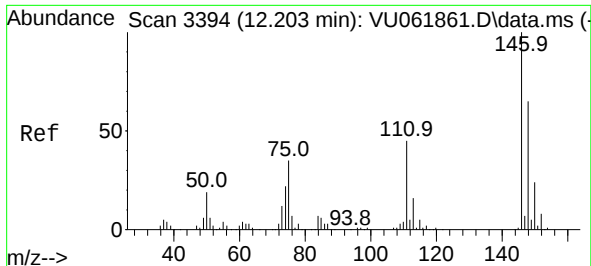
Ion Ratio Lower Upper

146 100

111 41.8 29.3 54.3

148 63.7 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 4.984 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. 0.000 min

Lab File: VU061861.D

Acq: 20 Nov 2024 12:10

Instrument :

MSVOA_U

ClientSampleId :

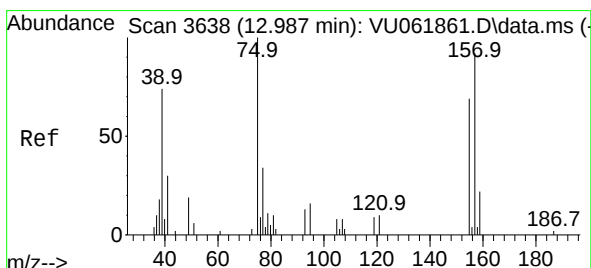
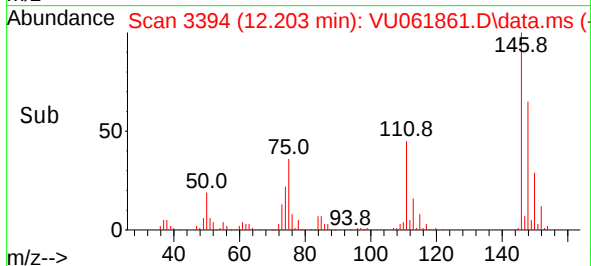
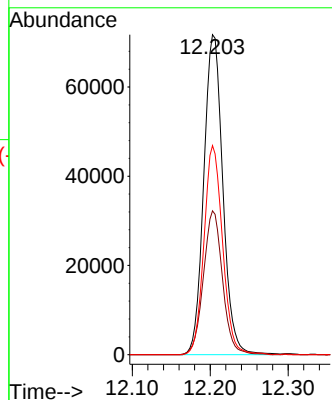
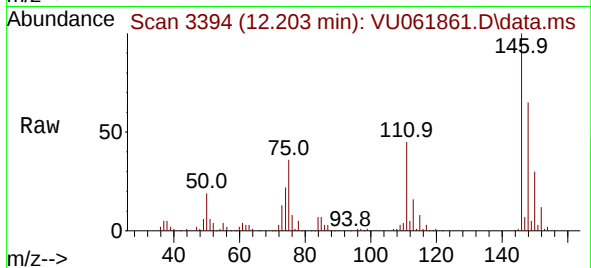
Tgt Ion:146 Resp: 121894

Ion Ratio Lower Upper

146 100

111 45.0 36.0 54.0

148 65.4 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 4.310 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. 0.000 min

Lab File: VU061861.D

Acq: 20 Nov 2024 12:10

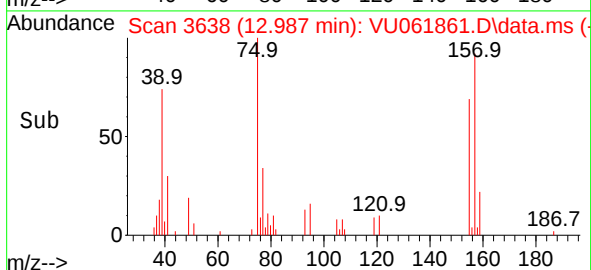
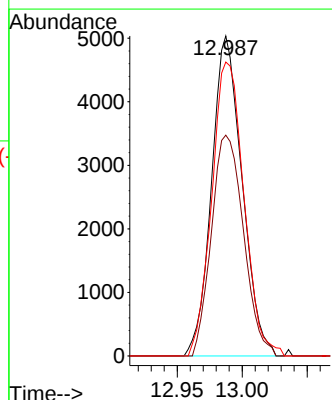
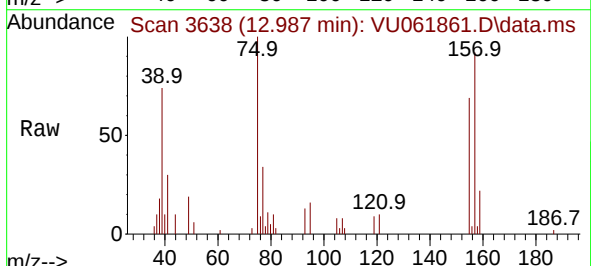
Tgt Ion: 75 Resp: 8208

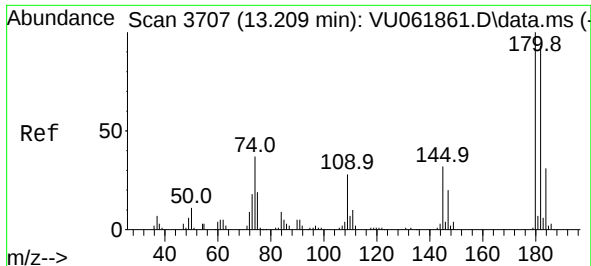
Ion Ratio Lower Upper

75 100

155 69.0 55.2 82.8

157 91.9 73.5 110.3





#69

1,3,5-Trichlorobenzene

Concen: 4.699 ug/L

RT: 13.209 min Scan# 31

Delta R.T. 0.000 min

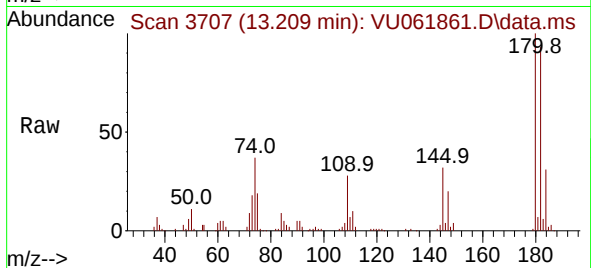
Lab File: VU061861.D

Acq: 20 Nov 2024 12:10

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 86022

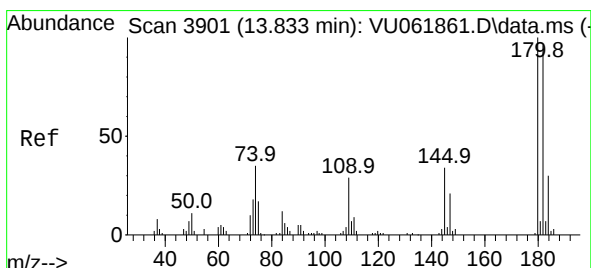
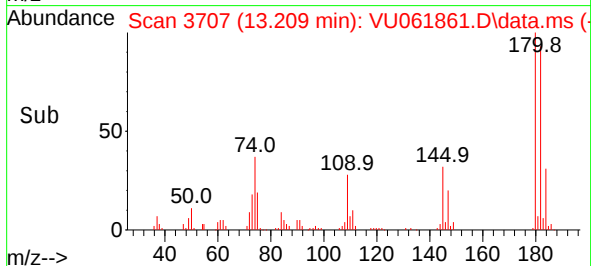
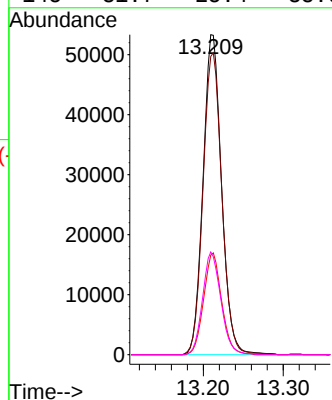
Ion Ratio Lower Upper

180 100

182 95.9 76.7 115.1

184 31.0 24.8 37.2

145 31.7 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 4.773 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU061861.D

Acq: 20 Nov 2024 12:10

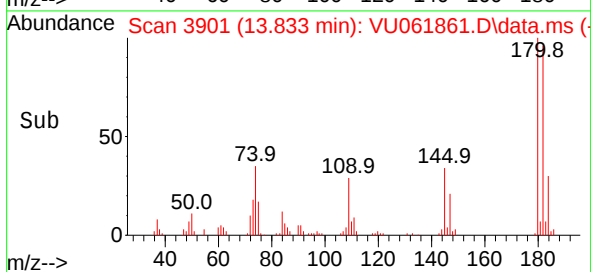
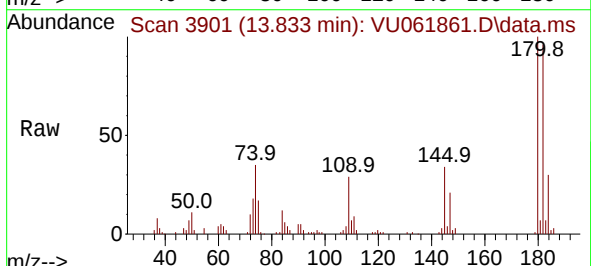
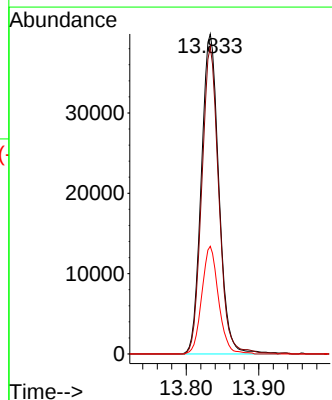
Tgt Ion:180 Resp: 67060

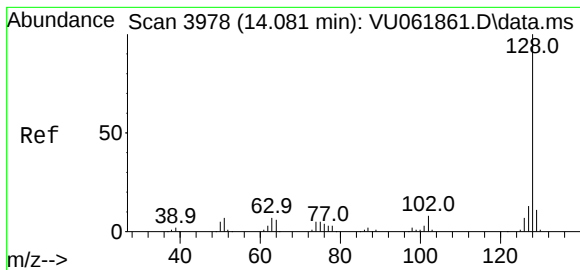
Ion Ratio Lower Upper

180 100

182 93.1 74.5 111.7

145 32.0 25.6 38.4

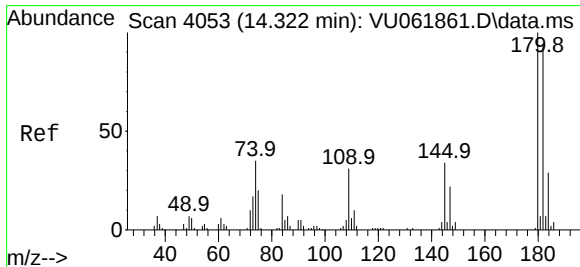
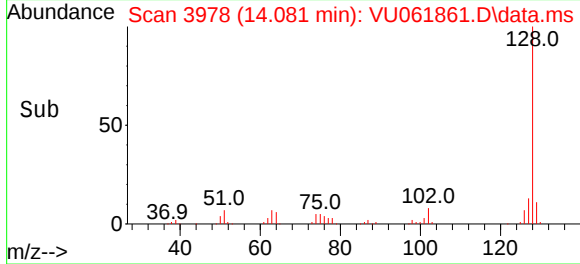
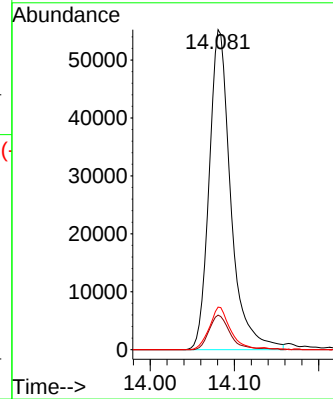
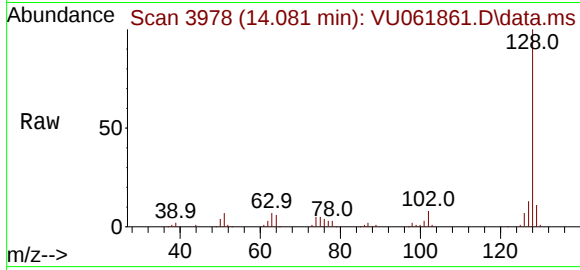




#71
Naphthalene
Concen: 4.385 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU061861.D
Acq: 20 Nov 2024 12:10

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 98719
Ion Ratio Lower Upper
128 100
129 10.6 8.5 12.7
127 12.8 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.734 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU061861.D
Acq: 20 Nov 2024 12:10

Tgt Ion:180 Resp: 55500
Ion Ratio Lower Upper
180 100
182 95.1 76.1 114.1
145 34.2 27.4 41.0

