

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112824\
 Data File : VU062058.D
 Acq On : 27 Nov 2024 16:44
 Operator : MD/SY
 Sample : VSTD100
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 28 00:47:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 28 00:45:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	180622	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	169393	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	88960	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	124982	99.007	ug/L	0.00
7) Chloroethane-d5	1.904	69	90514	84.219	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	63	236721	100.635	ug/L	0.00
21) 2-Butanone-d5	4.611	46	181246	181.080	ug/L	0.00
24) Chloroform-d	5.049	84	262356	98.328	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.688	65	168181	98.981	ug/L	0.00
32) Benzene-d6	5.714	84	495689	93.414	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.679	67	155626	95.830	ug/L	0.00
41) Toluene-d8	7.888	98	466812	94.707	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.167	79	81859	100.504	ug/L	0.00
47) 2-Hexanone-d5	8.624	63	126477	161.974	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.743	84	227520	90.108	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.183	152	174426	91.309	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	170630	126.023	ug/L	99
3) Chloromethane	1.518	50	141722	115.294	ug/L	99
5) Vinyl chloride	1.602	62	145575	111.821	ug/L	100
6) Bromomethane	1.849	94	78218	85.909	ug/L	100
8) Chloroethane	1.923	64	82113	98.098	ug/L	96
9) Trichlorofluoromethane	2.132	101	221105	117.852	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	122053	112.637	ug/L	99
12) 1,1-Dichloroethene	2.573	96	115956	114.621	ug/L	97
13) Acetone	2.621	43	192318	240.409	ug/L	99
14) Carbon disulfide	2.785	76	348604	113.140	ug/L	98
15) Methyl Acetate	2.939	43	129264	106.829	ug/L	97
16) Methylene chloride	3.036	84	130027	104.982	ug/L	99
17) trans-1,2-Dichloroethene	3.345	96	120164	109.564	ug/L	98
18) Methyl tert-butyl Ether	3.351	73	402863	107.474	ug/L	99
19) 1,1-Dichloroethane	3.856	63	225854	108.015	ug/L	99
20) cis-1,2-Dichloroethene	4.653	96	137688	106.934	ug/L	97
22) 2-Butanone	4.689	43	215557	218.459	ug/L	99
23) Bromochloromethane	4.962	128	70154	107.321	ug/L	97
25) Chloroform	5.074	83	243503	108.300	ug/L	99
27) 1,2-Dichloroethane	5.782	62	193943	108.143	ug/L	99
29) Cyclohexane	5.377	56	199732	109.192	ug/L	99
30) 1,1,1-Trichloroethane	5.306	97	223673	117.313	ug/L	99
31) Carbon tetrachloride	5.515	117	198740	119.744	ug/L	100
33) Benzene	5.762	78	513357	106.449	ug/L	100
34) Trichloroethene	6.531	95	138256	108.780	ug/L	98
35) Methylcyclohexane	6.753	83	213132	108.490	ug/L	99
37) 1,2-Dichloropropane	6.778	63	133911	104.622	ug/L	99
38) Bromodichloromethane	7.094	83	185462	112.572	ug/L	96
39) cis-1,3-Dichloropropene	7.595	75	228873	111.977	ug/L	98
40) 4-Methyl-2-pentanone	7.778	43	352567	205.190	ug/L	100
42) Toluene	7.958	91	558089	106.459	ug/L	100
44) trans-1,3-Dichloropropene	8.200	75	215782	113.491	ug/L	99

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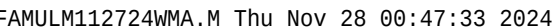
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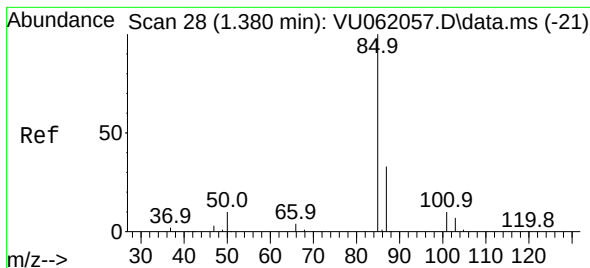
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.389	97	133767	104.246	ug/L	98
46) Tetrachloroethene	8.544	164	105154	112.921	ug/L	100
48) 2-Hexanone	8.675	43	298028	213.533	ug/L	97
49) Dibromochloromethane	8.798	129	145426	113.368	ug/L	100
50) 1,2-Dibromoethane	8.913	107	147324	104.165	ug/L #	100
51) Chlorobenzene	9.438	112	346064	103.596	ug/L	99
52) Ethylbenzene	9.560	91	619944	108.899	ug/L	99
53) m,p-Xylene	9.685	106	233628	108.081	ug/L	95
54) o-Xylene	10.090	106	225743	106.002	ug/L	99
55) Styrene	10.106	104	389248	111.294	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.772	83	223573	101.333	ug/L	97
59) Bromoform	10.280	173	114598	110.449	ug/L	100
60) 1,2,3-Trichloropropane	10.810	75	178361	96.491	ug/L	99
61) Isopropylbenzene	10.473	105	612791	105.072	ug/L	99
62) 1,3,5-Trimethylbenzene	11.077	105	531897	111.291	ug/L	99
63) 1,2,4-Trimethylbenzene	11.457	105	520106	110.382	ug/L	99
64) 1,3-Dichlorobenzene	11.736	146	275042	104.658	ug/L	99
65) 1,4-Dichlorobenzene	11.826	146	276805	103.958	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	272912	103.997	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.984	75	53509	108.229	ug/L	95
69) 1,3,5-Trichlorobenzene	13.209	180	196809	111.188	ug/L	98
70) 1,2,4-trichlorobenzene	13.830	180	177250	118.394	ug/L	99
71) Naphthalene	14.077	128	533727	113.805	ug/L	100
72) 1,2,3-Trichlorobenzene	14.318	180	171424	116.590	ug/L	99

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

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#2

Dichlorodifluoromethane

Concen: 126.023 ug/L

RT: 1.383 min Scan# 28

Delta R.T. 0.003 min

Lab File: VU062058.D

Acq: 27 Nov 2024 16:44

Instrument :

MSVOA_U

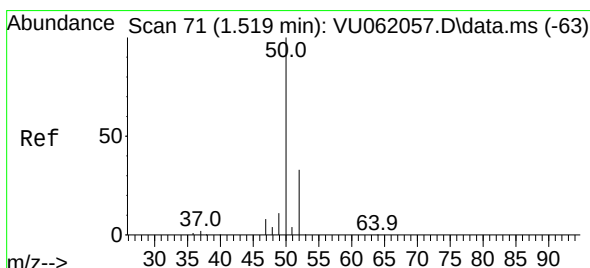
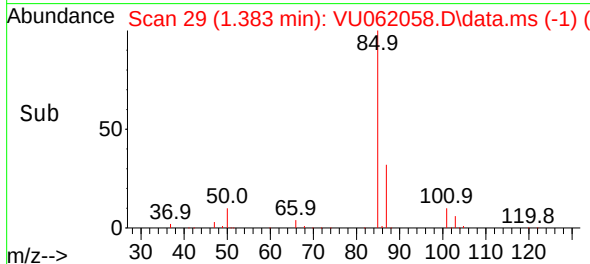
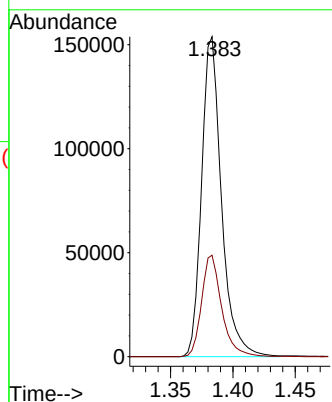
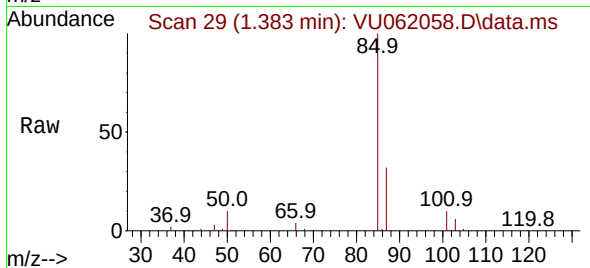
ClientSampleId :

Tgt Ion: 85 Resp: 170630

Ion Ratio Lower Upper

85 100

87 32.1 26.0 39.0



#3

Chloromethane

Concen: 115.294 ug/L

RT: 1.518 min Scan# 71

Delta R.T. -0.000 min

Lab File: VU062058.D

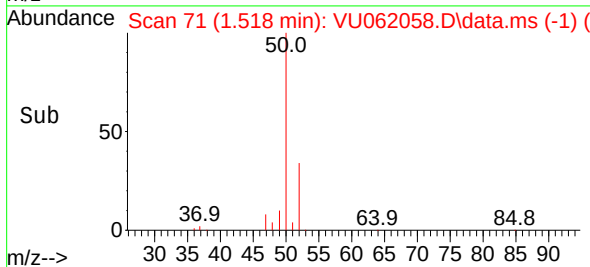
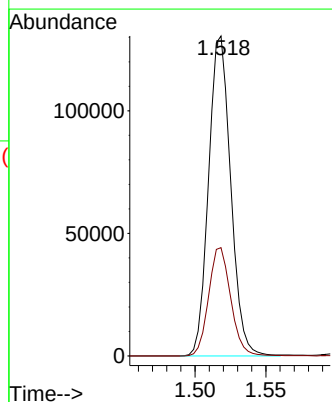
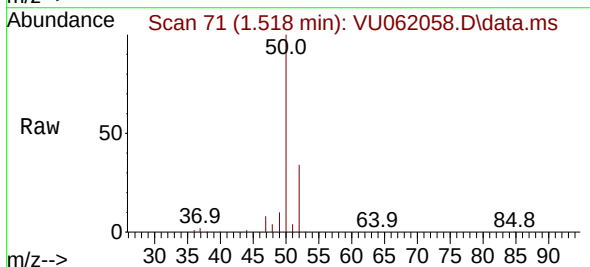
Acq: 27 Nov 2024 16:44

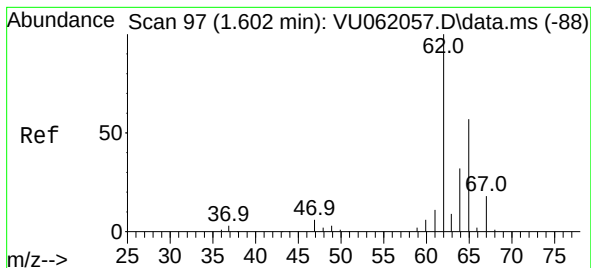
Tgt Ion: 50 Resp: 141722

Ion Ratio Lower Upper

50 100

52 33.8 23.3 43.3





#5

Vinyl chloride

Concen: 111.821 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU062058.D

Acq: 27 Nov 2024 16:44

Instrument :

MSVOA_U

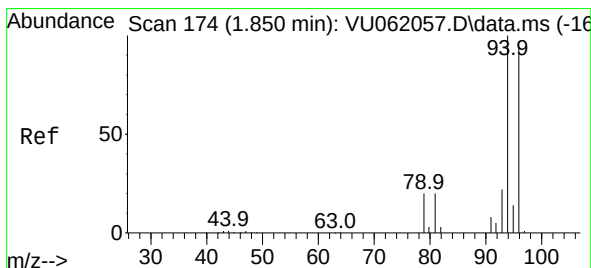
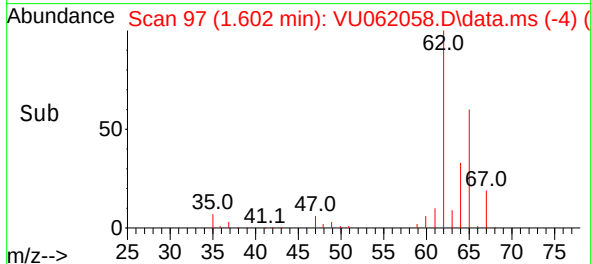
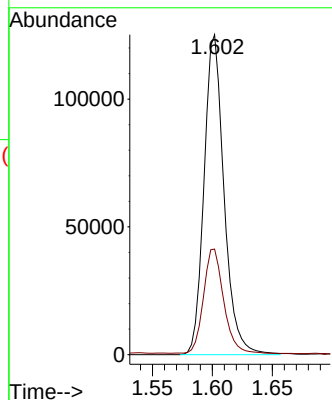
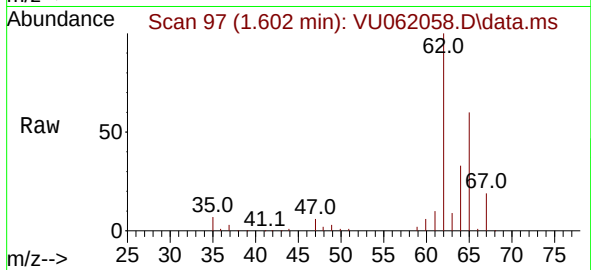
ClientSampleId :

Tgt Ion: 62 Resp: 145575

Ion Ratio Lower Upper

62 100

64 33.0 23.0 42.8



#6

Bromomethane

Concen: 85.909 ug/L

RT: 1.849 min Scan# 174

Delta R.T. -0.000 min

Lab File: VU062058.D

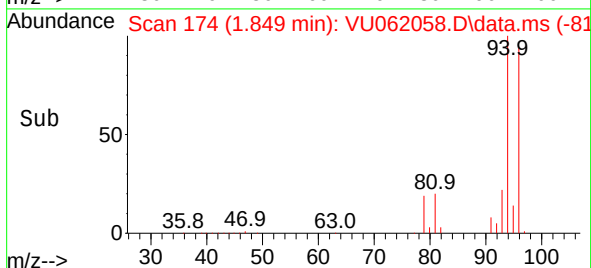
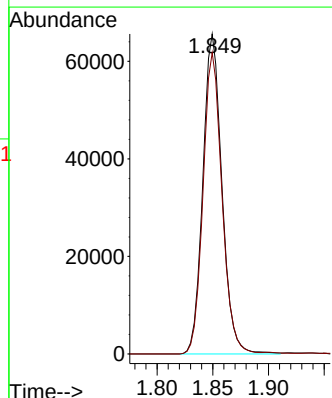
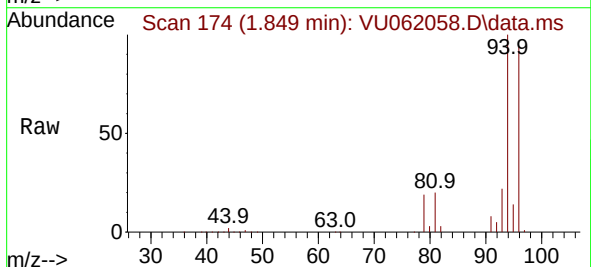
Acq: 27 Nov 2024 16:44

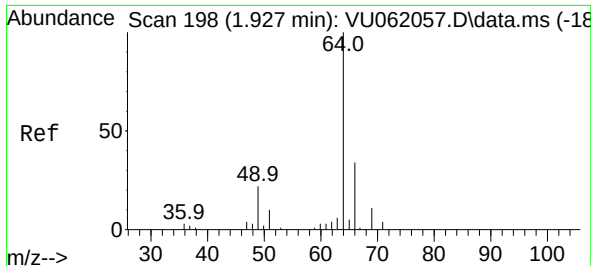
Tgt Ion: 94 Resp: 78218

Ion Ratio Lower Upper

94 100

96 94.1 66.0 122.6

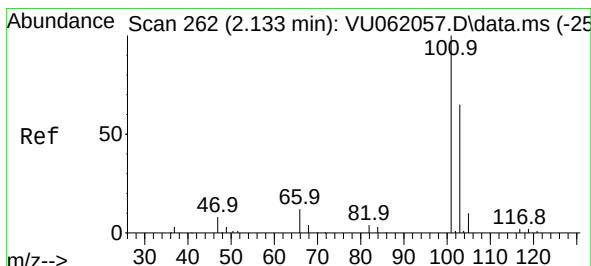
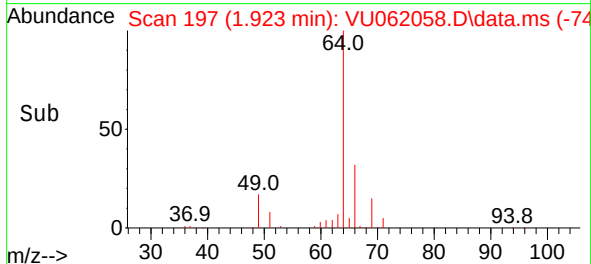
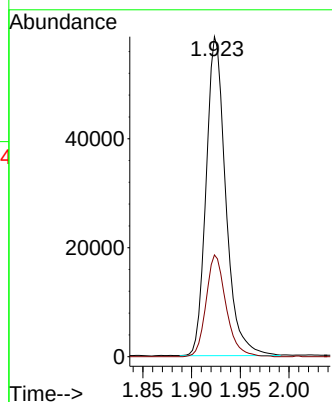
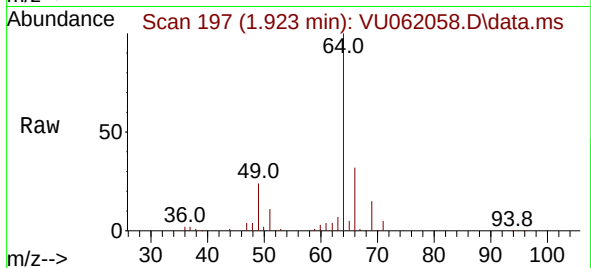




#8
Chloroethane
Concen: 98.098 ug/L
RT: 1.923 min Scan# 198
Delta R.T. -0.004 min
Lab File: VU062058.D
Acq: 27 Nov 2024 16:44

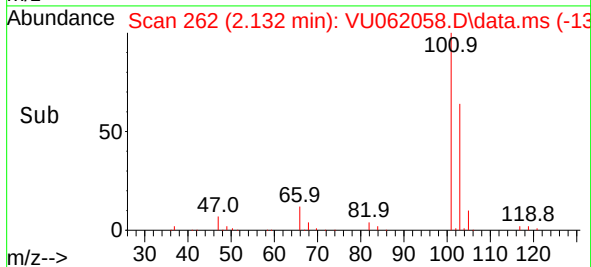
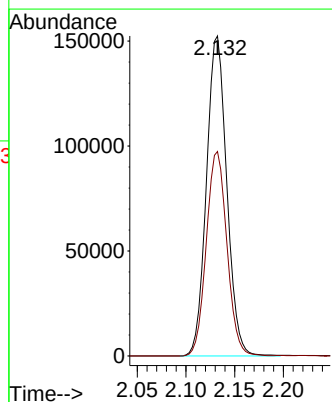
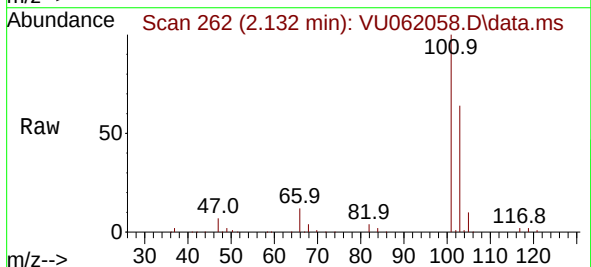
Instrument :
MSVOA_U
ClientSampleId :

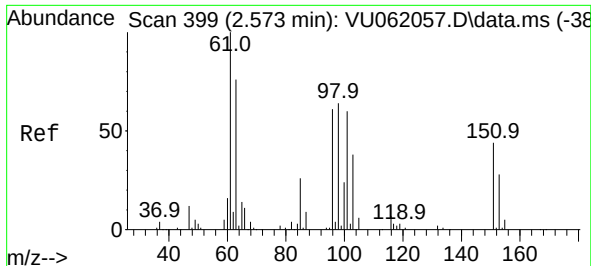
Tgt Ion: 64 Resp: 82113
Ion Ratio Lower Upper
64 100
66 31.8 23.7 44.1



#9
Trichlorofluoromethane
Concen: 117.852 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU062058.D
Acq: 27 Nov 2024 16:44

Tgt Ion:101 Resp: 221105
Ion Ratio Lower Upper
101 100
103 64.9 52.9 79.3

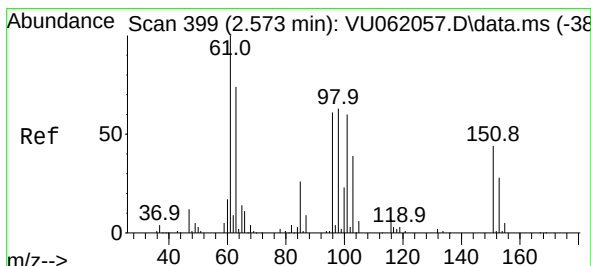
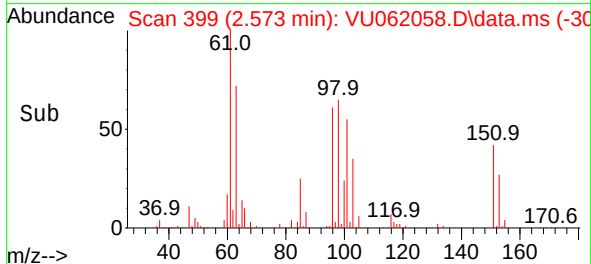
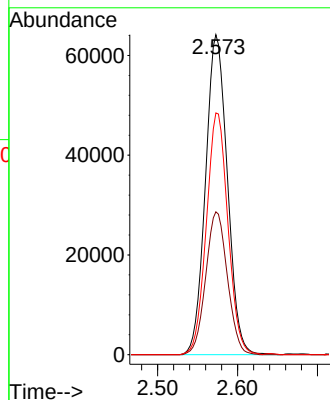
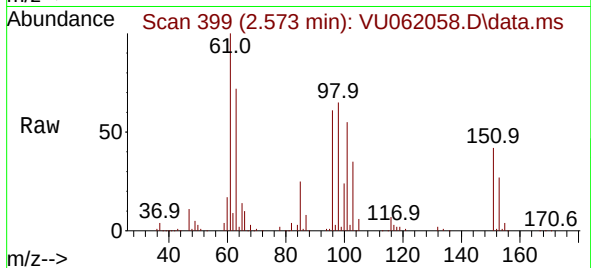




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 112.637 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU062058.D
 Acq: 27 Nov 2024 16:44

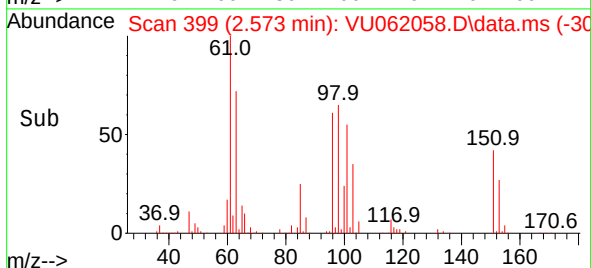
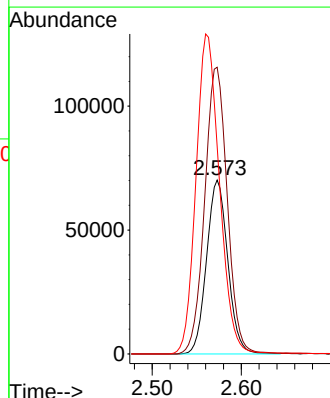
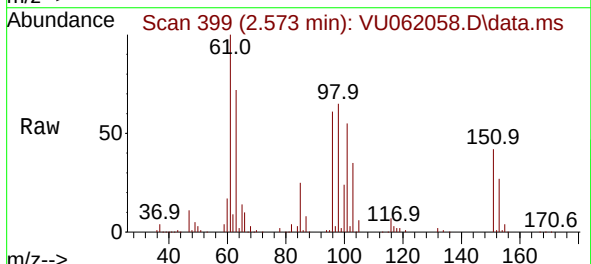
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 MSVOA_U
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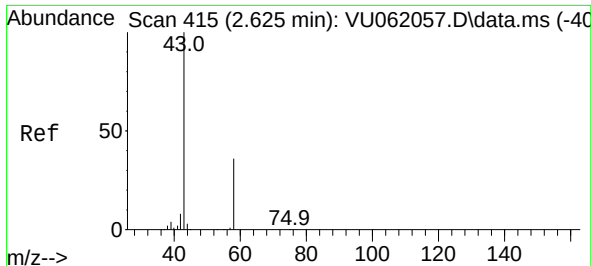
Tgt Ion:101 Resp: 122053
 Ion Ratio Lower Upper
 101 100
 85 44.2 34.7 52.1
 151 74.5 59.0 88.4



#12
 1,1-Dichloroethene
 Concen: 114.621 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU062058.D
 Acq: 27 Nov 2024 16:44

Tgt Ion: 96 Resp: 115956
 Ion Ratio Lower Upper
 96 100
 61 164.9 115.2 214.0
 63 119.3 89.3 165.9





#13

Acetone

Concen: 240.409 ug/L

RT: 2.621 min Scan# 41

Delta R.T. -0.004 min

Lab File: VU062058.D

Acq: 27 Nov 2024 16:44

Instrument :

MSVOA_U

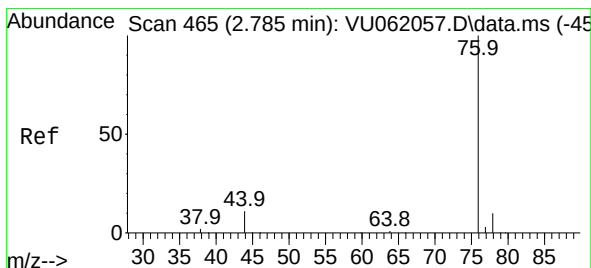
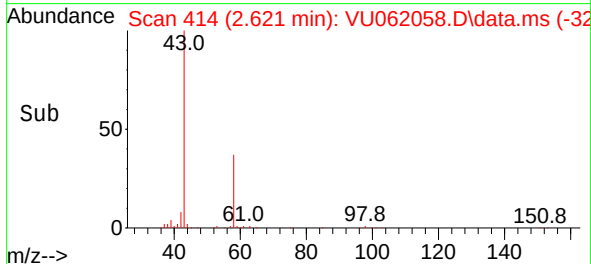
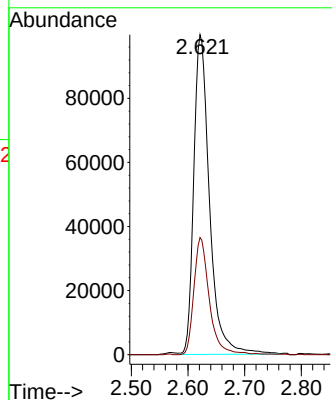
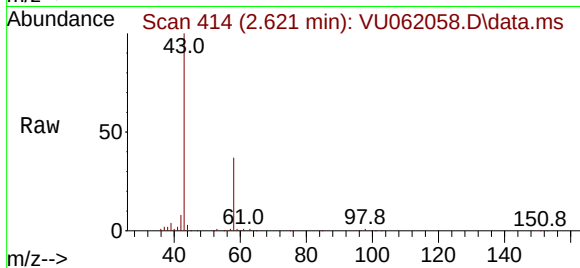
ClientSampleId :

Tgt Ion: 43 Resp: 192318

Ion Ratio Lower Upper

43 100

58 35.4 0.0 72.4



#14

Carbon disulfide

Concen: 113.140 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.000 min

Lab File: VU062058.D

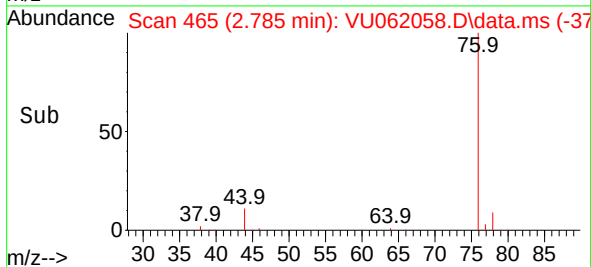
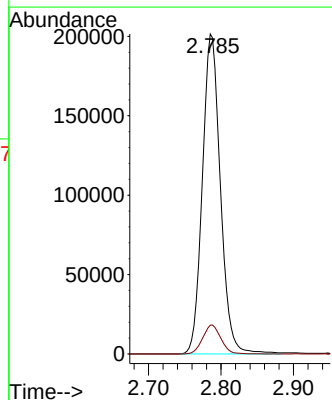
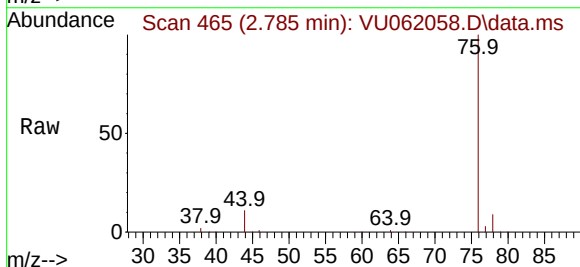
Acq: 27 Nov 2024 16:44

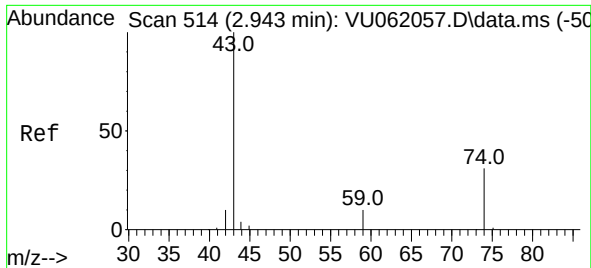
Tgt Ion: 76 Resp: 348604

Ion Ratio Lower Upper

76 100

78 9.0 7.8 11.6





#15

Methyl Acetate

Concen: 106.829 ug/L

RT: 2.939 min Scan# 514

Delta R.T. -0.004 min

Lab File: VU062058.D

Acq: 27 Nov 2024 16:44

Instrument :

MSVOA_U

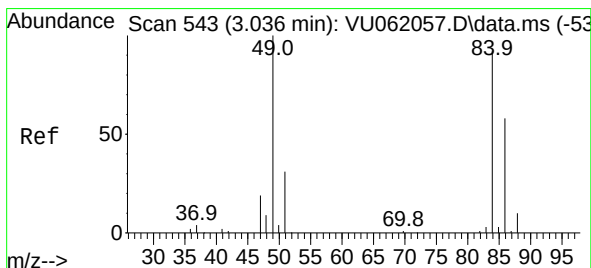
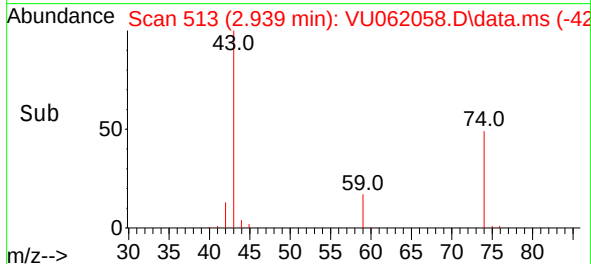
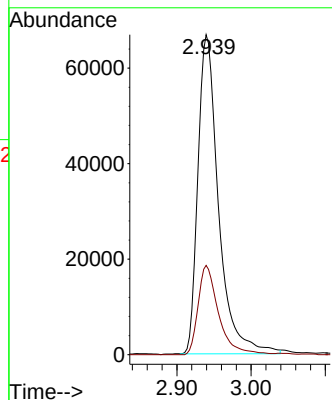
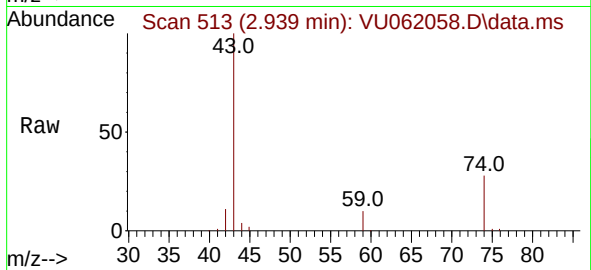
ClientSampleId :

Tgt Ion: 43 Resp: 129264

Ion Ratio Lower Upper

43 100

74 27.7 23.4 35.2



#16

Methylene chloride

Concen: 104.982 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.000 min

Lab File: VU062058.D

Acq: 27 Nov 2024 16:44

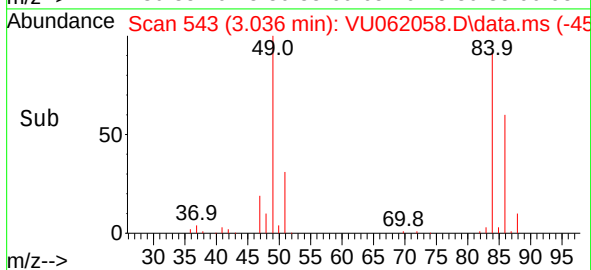
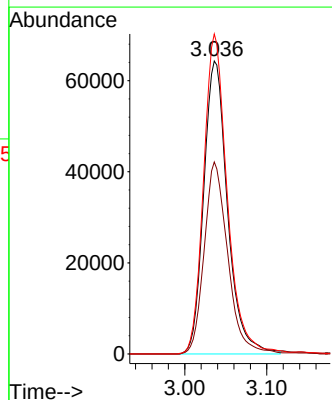
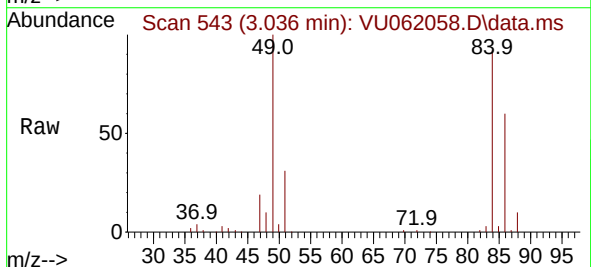
Tgt Ion: 84 Resp: 130027

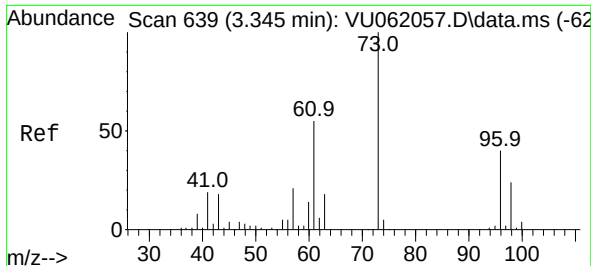
Ion Ratio Lower Upper

84 100

86 65.5 44.4 82.4

49 109.3 75.9 141.1





#17

trans-1,2-Dichloroethene

Concen: 109.564 ug/L

RT: 3.345 min Scan# 639

Delta R.T. -0.000 min

Lab File: VU062058.D

Acq: 27 Nov 2024 16:44

Instrument :

MSVOA_U

ClientSampleId :

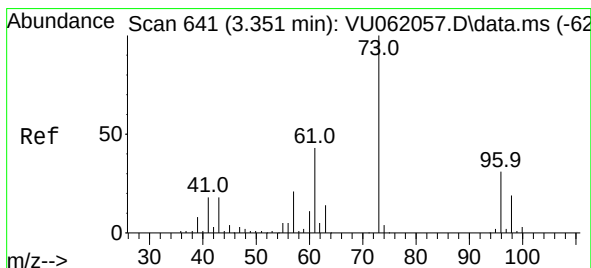
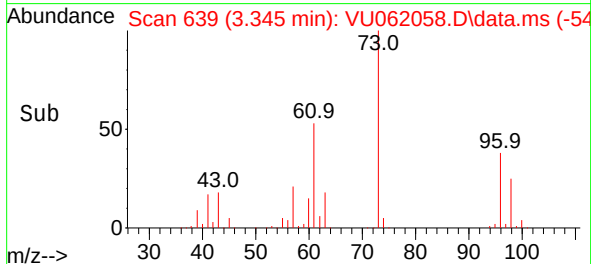
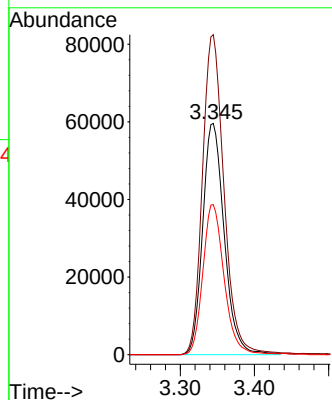
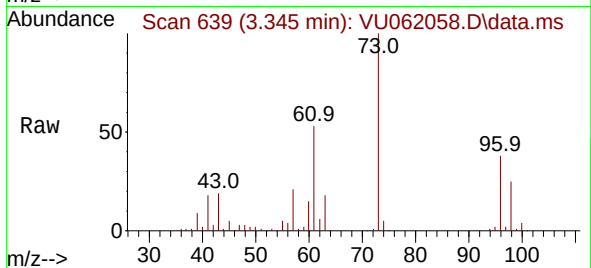
Tgt Ion: 96 Resp: 120164

Ion Ratio Lower Upper

96 100

61 138.4 96.2 178.6

98 64.9 42.7 79.3



#18

Methyl tert-butyl Ether

Concen: 107.474 ug/L

RT: 3.351 min Scan# 641

Delta R.T. -0.000 min

Lab File: VU062058.D

Acq: 27 Nov 2024 16:44

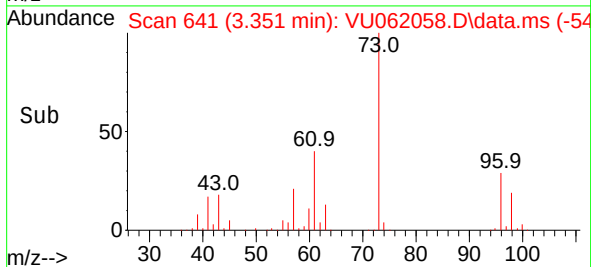
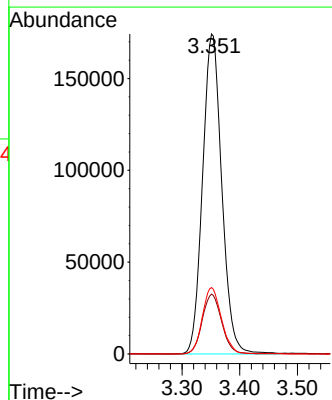
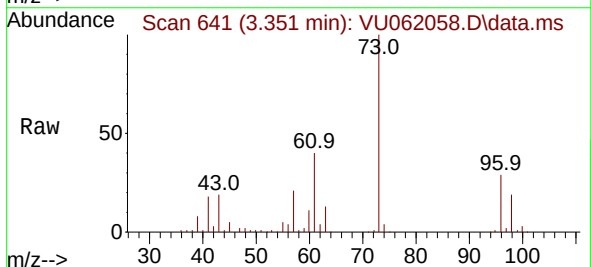
Tgt Ion: 73 Resp: 402863

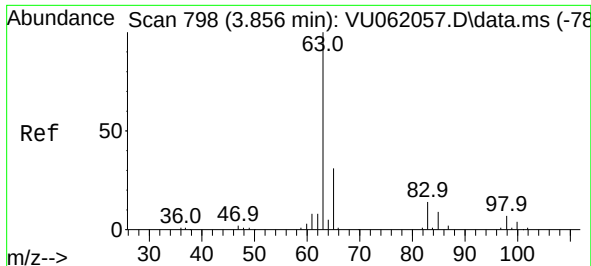
Ion Ratio Lower Upper

73 100

43 18.8 14.7 22.1

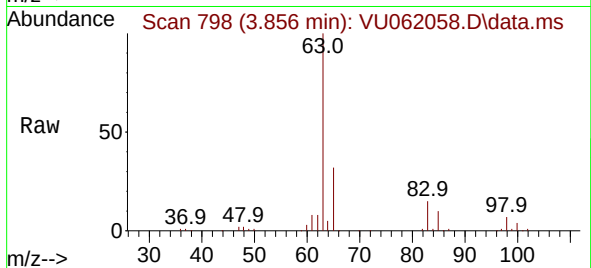
57 20.6 16.4 24.6



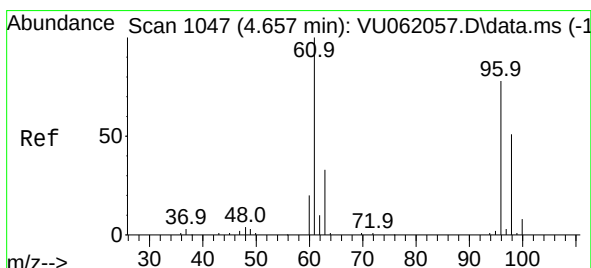
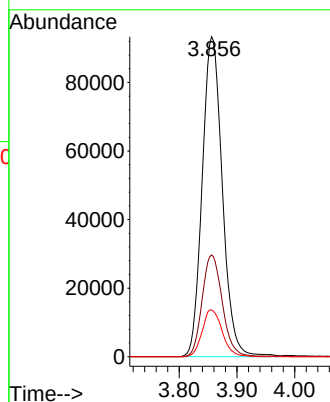
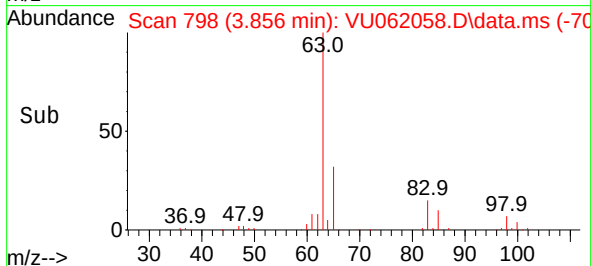


#19
1,1-Dichloroethane
Concen: 108.015 ug/L
RT: 3.856 min Scan# 798
Delta R.T. -0.000 min
Lab File: VU062058.D
Acq: 27 Nov 2024 16:44

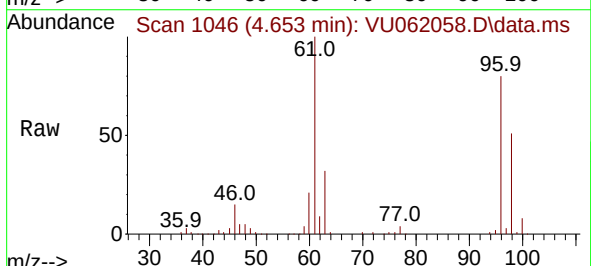
Instrument :
MSVOA_U
ClientSampleId :



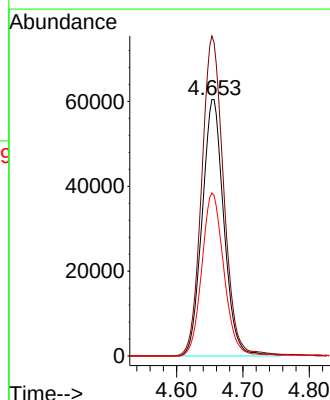
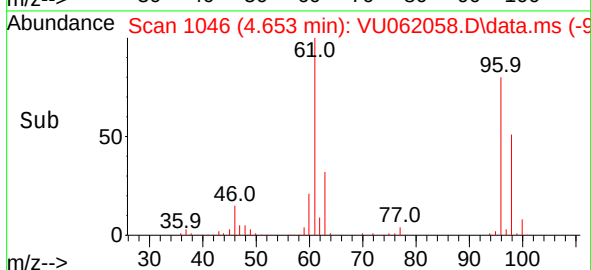
Tgt Ion: 63 Resp: 225854
Ion Ratio Lower Upper
63 100
65 31.8 21.7 40.3
83 14.6 10.0 18.6

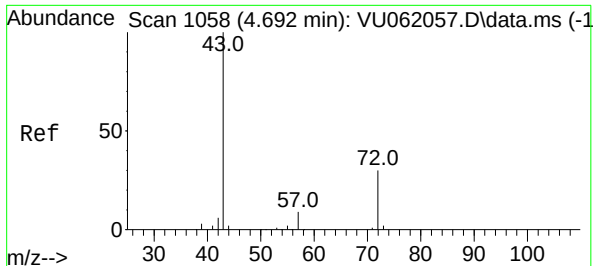


#20
cis-1,2-Dichloroethene
Concen: 106.934 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.004 min
Lab File: VU062058.D
Acq: 27 Nov 2024 16:44



Tgt Ion: 96 Resp: 137688
Ion Ratio Lower Upper
96 100
61 124.8 90.1 167.3
98 63.6 45.3 84.1

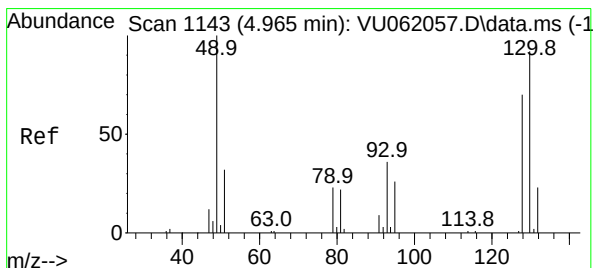
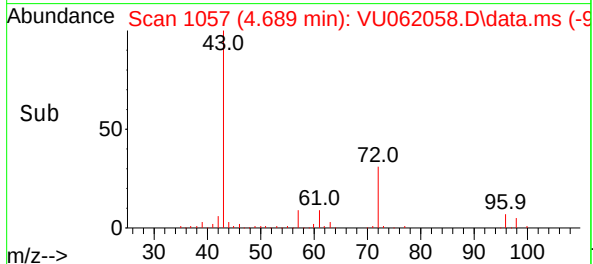
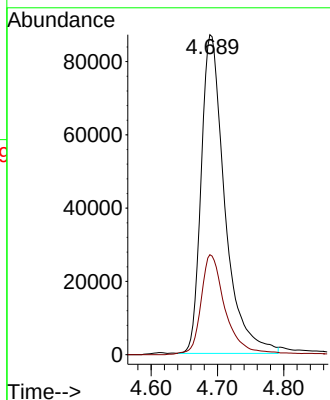
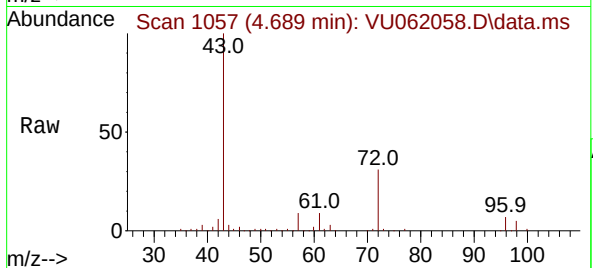




#22
2-Butanone
Concen: 218.459 ug/L
RT: 4.689 min Scan# 1057
Delta R.T. -0.004 min
Lab File: VU062058.D
Acq: 27 Nov 2024 16:44

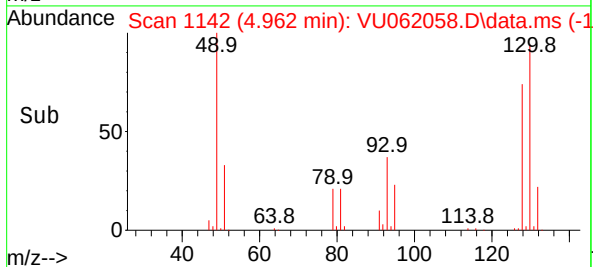
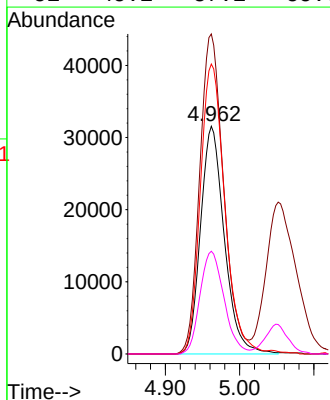
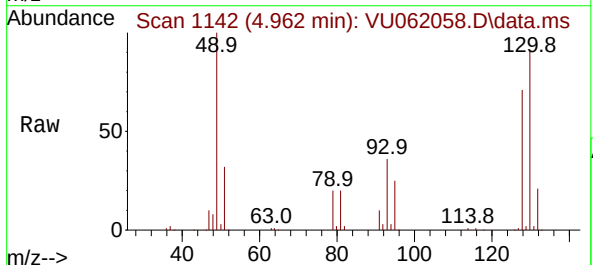
Instrument :
MSVOA_U
ClientSampleId :

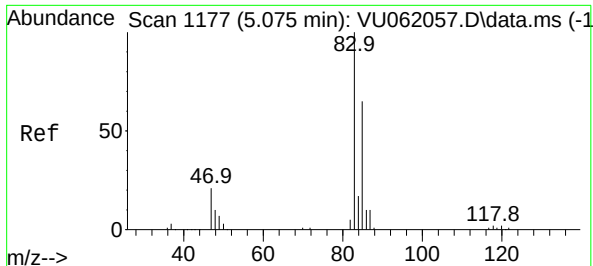
Tgt Ion: 43 Resp: 215557
Ion Ratio Lower Upper
43 100
72 32.6 15.9 47.7



#23
Bromochloromethane
Concen: 107.321 ug/L
RT: 4.962 min Scan# 1142
Delta R.T. -0.004 min
Lab File: VU062058.D
Acq: 27 Nov 2024 16:44

Tgt Ion:128 Resp: 70154
Ion Ratio Lower Upper
128 100
49 140.6 100.7 187.1
130 127.4 92.4 171.6
51 45.1 37.1 55.7





#25

Chloroform

Concen: 108.300 ug/L

RT: 5.074 min Scan# 1177

Delta R.T. -0.000 min

Lab File: VU062058.D

Acq: 27 Nov 2024 16:44

Instrument :

MSVOA_U

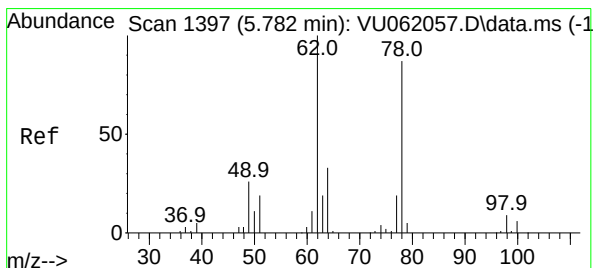
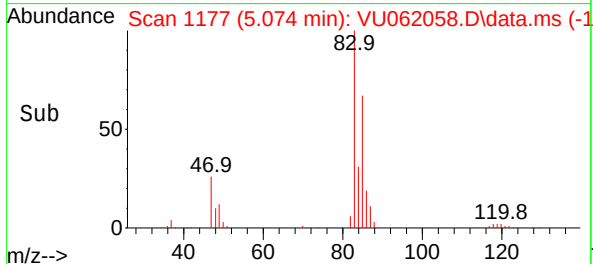
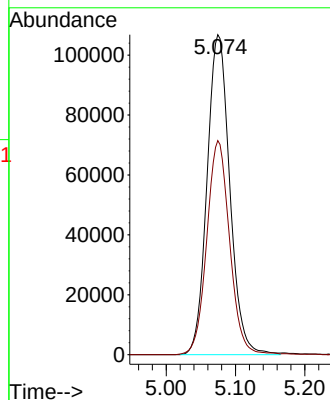
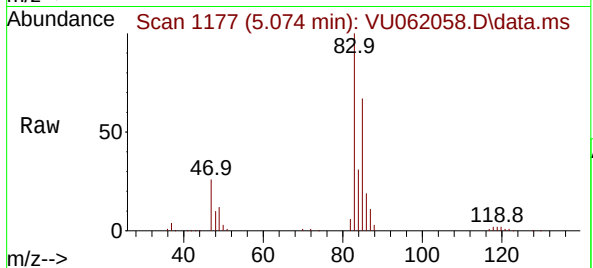
ClientSampleId :

Tgt Ion: 83 Resp: 243503

Ion Ratio Lower Upper

83 100

85 66.9 46.1 85.5



#27

1,2-Dichloroethane

Concen: 108.143 ug/L

RT: 5.782 min Scan# 1397

Delta R.T. -0.000 min

Lab File: VU062058.D

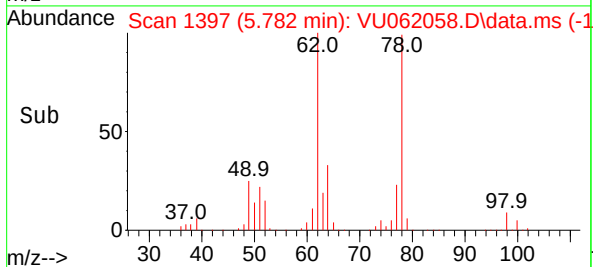
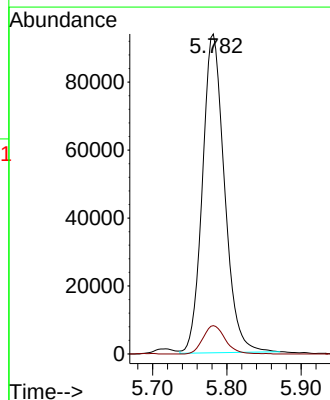
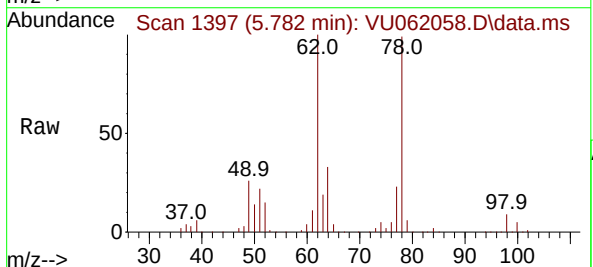
Acq: 27 Nov 2024 16:44

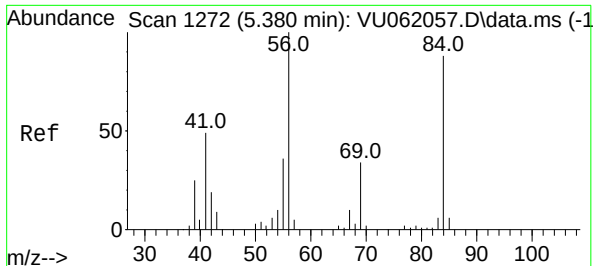
Tgt Ion: 62 Resp: 193943

Ion Ratio Lower Upper

62 100

98 8.8 7.4 11.0





#29

Cyclohexane

Concen: 109.192 ug/L

RT: 5.377 min Scan# 1271

Delta R.T. -0.004 min

Lab File: VU062058.D

Acq: 27 Nov 2024 16:44

Instrument :

MSVOA_U

ClientSampleId :

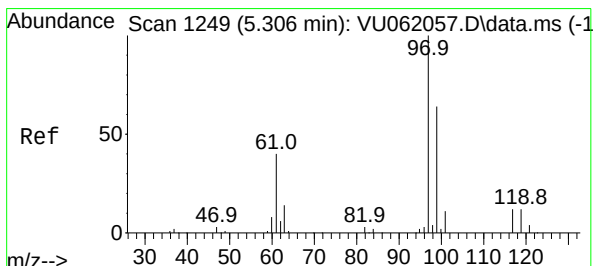
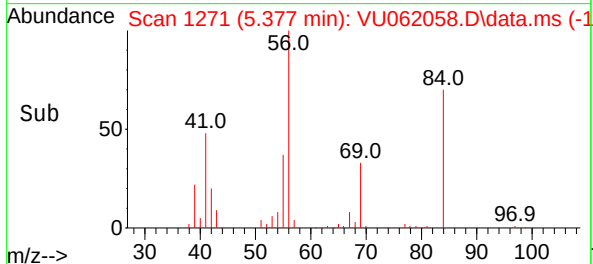
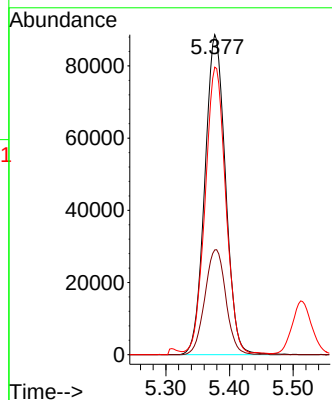
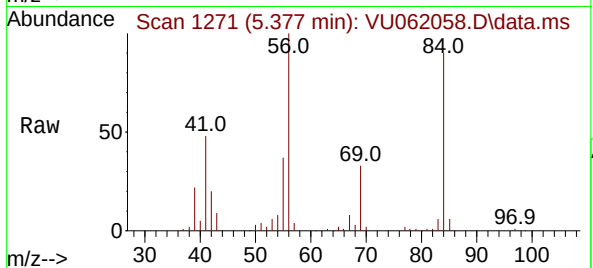
Tgt Ion: 56 Resp: 199732

Ion Ratio Lower Upper

56 100

69 33.3 27.1 40.7

84 89.1 72.1 108.1



#30

1,1,1-Trichloroethane

Concen: 117.313 ug/L

RT: 5.306 min Scan# 1249

Delta R.T. -0.000 min

Lab File: VU062058.D

Acq: 27 Nov 2024 16:44

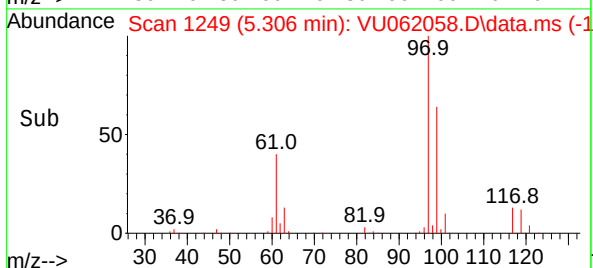
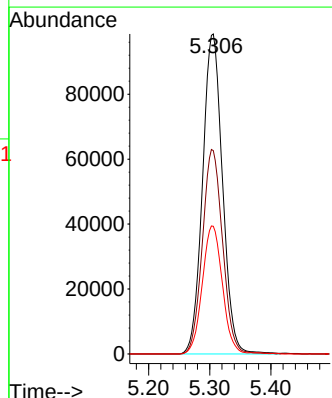
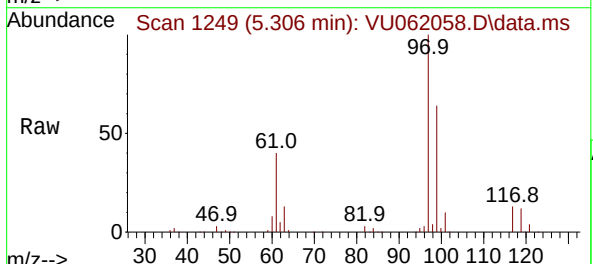
Tgt Ion: 97 Resp: 223673

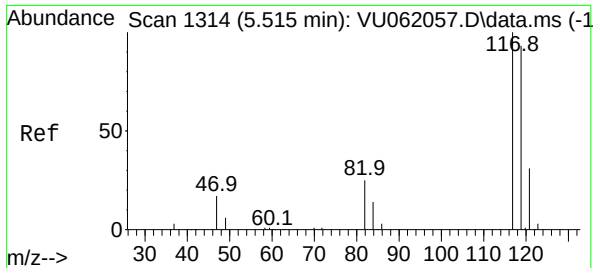
Ion Ratio Lower Upper

97 100

99 64.6 52.0 78.0

61 40.1 32.6 48.8

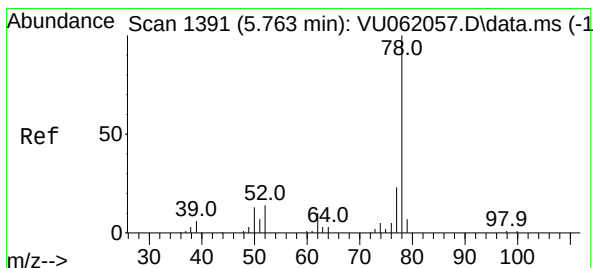
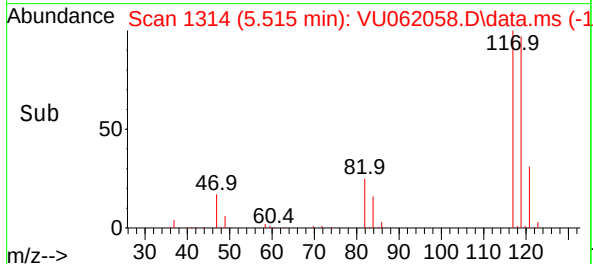
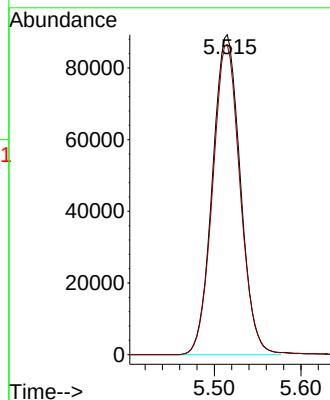
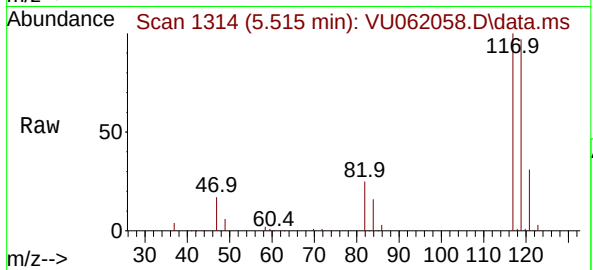




#31
Carbon tetrachloride
Concen: 119.744 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU062058.D
Acq: 27 Nov 2024 16:44

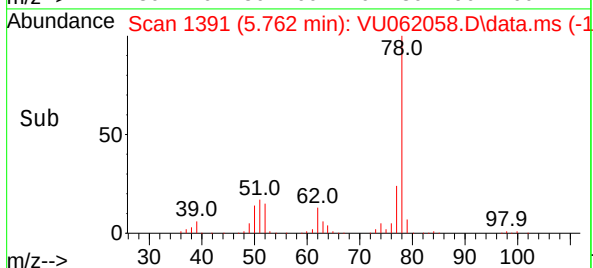
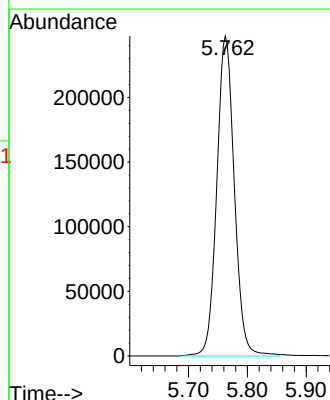
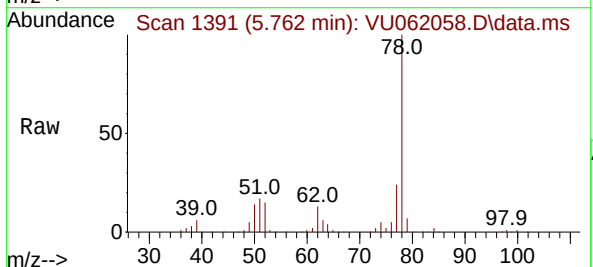
Instrument :
MSVOA_U
ClientSampleId :

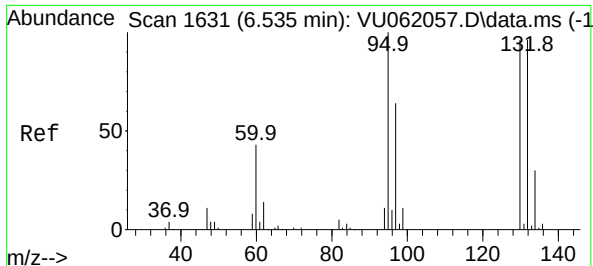
Tgt Ion:117 Resp: 198740
Ion Ratio Lower Upper
117 100
119 96.1 77.0 115.6



#33
Benzene
Concen: 106.449 ug/L
RT: 5.762 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VU062058.D
Acq: 27 Nov 2024 16:44

Tgt Ion: 78 Resp: 513357





#34

Trichloroethene

Concen: 108.780 ug/L

RT: 6.531 min Scan# 1

Delta R.T. -0.004 min

Lab File: VU062058.D

Acq: 27 Nov 2024 16:44

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 138256

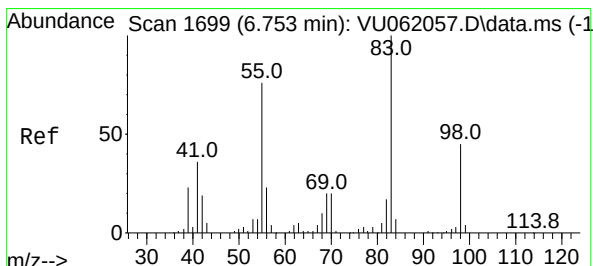
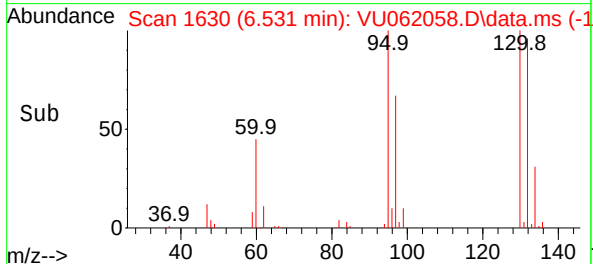
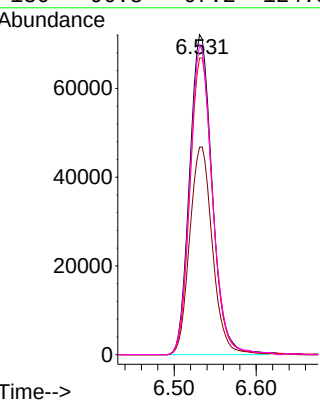
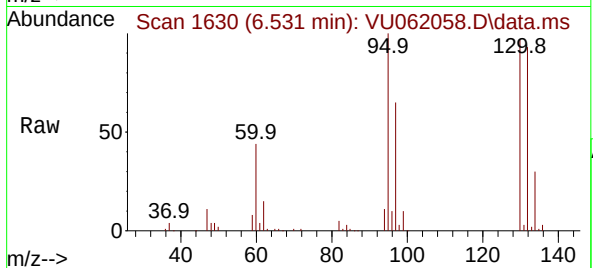
Ion Ratio Lower Upper

95 100

97 64.8 44.6 82.8

132 92.7 67.3 124.9

130 96.8 67.2 124.8



#35

Methylcyclohexane

Concen: 108.490 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. -0.000 min

Lab File: VU062058.D

Acq: 27 Nov 2024 16:44

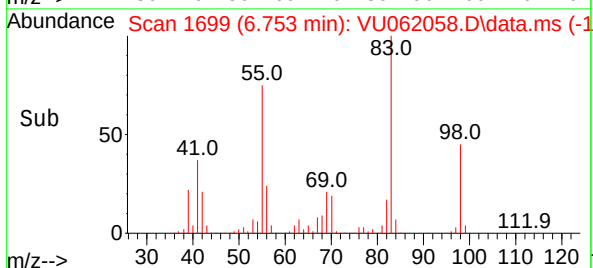
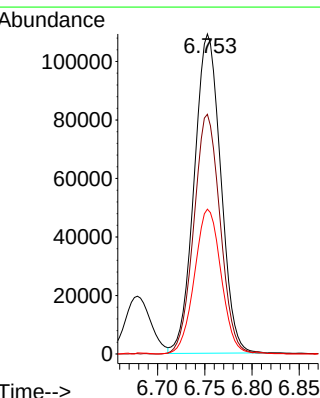
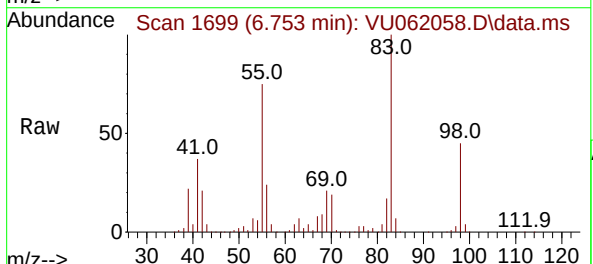
Tgt Ion: 83 Resp: 213132

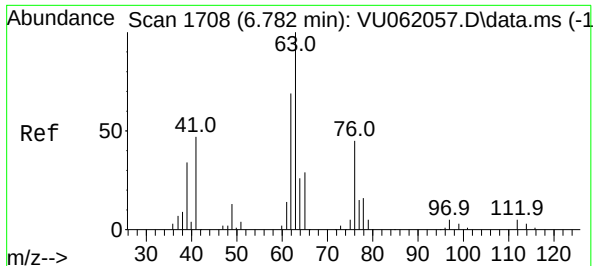
Ion Ratio Lower Upper

83 100

55 74.5 60.1 90.1

98 45.5 35.8 53.8

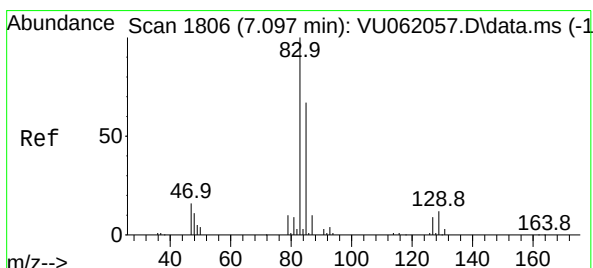
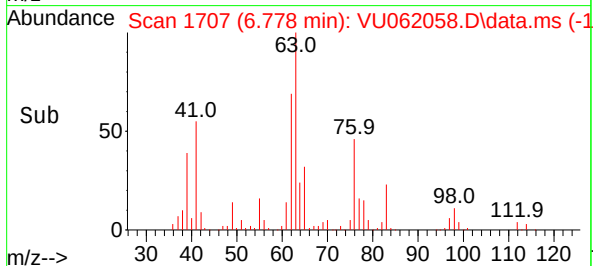
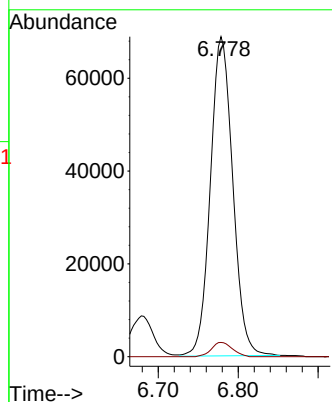
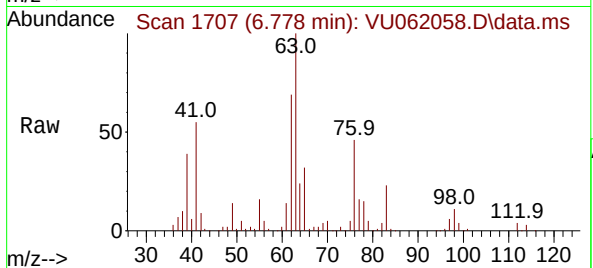




#37
1,2-Dichloropropane
Concen: 104.622 ug/L
RT: 6.778 min Scan# 1
Delta R.T. -0.004 min
Lab File: VU062058.D
Acq: 27 Nov 2024 16:44

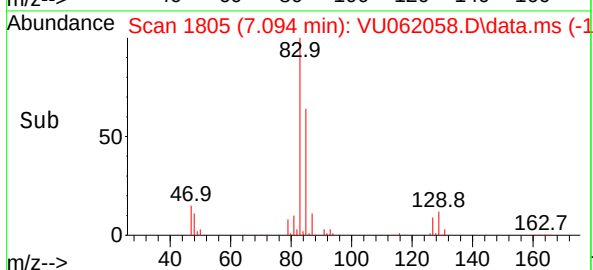
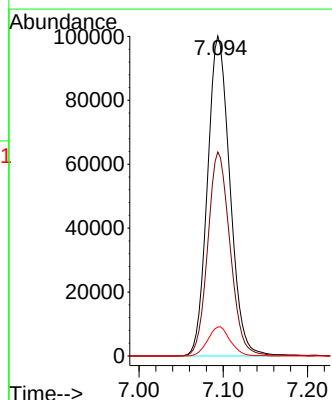
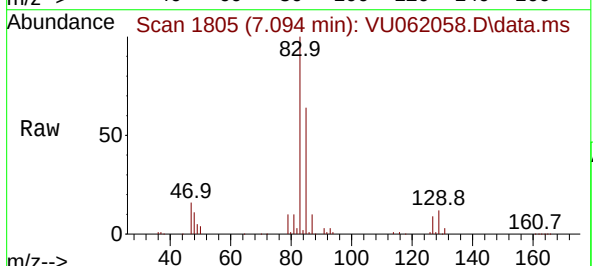
Instrument :
MSVOA_U
ClientSampleId :

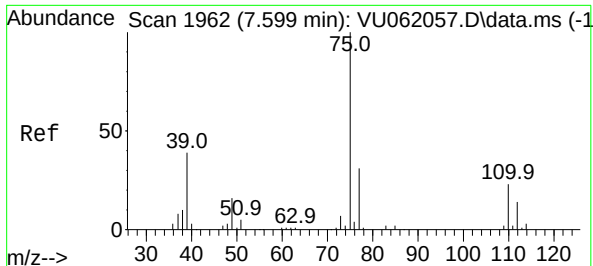
Tgt Ion: 63 Resp: 133911
Ion Ratio Lower Upper
63 100
112 4.2 3.1 4.7



#38
Bromodichloromethane
Concen: 112.572 ug/L
RT: 7.094 min Scan# 1805
Delta R.T. -0.004 min
Lab File: VU062058.D
Acq: 27 Nov 2024 16:44

Tgt Ion: 83 Resp: 185462
Ion Ratio Lower Upper
83 100
85 63.7 46.8 87.0
127 9.0 6.8 10.2

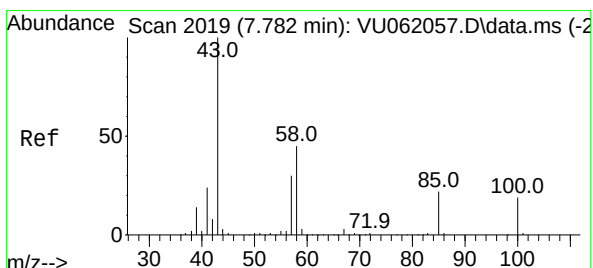
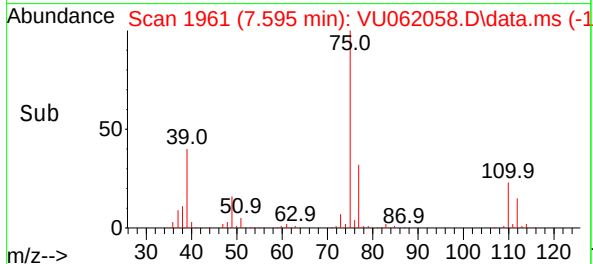
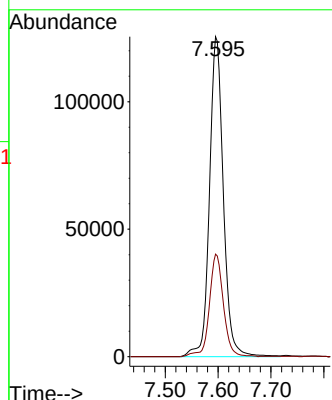
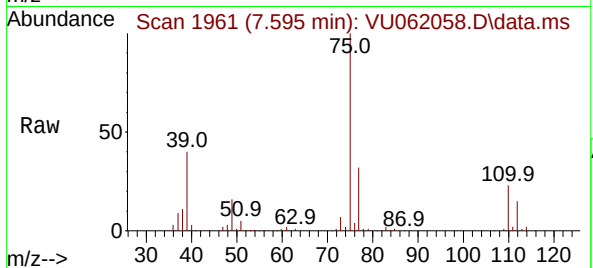




#39
 cis-1,3-Dichloropropene
 Concen: 111.977 ug/L
 RT: 7.595 min Scan# 1961
 Delta R.T. -0.004 min
 Lab File: VU062058.D
 Acq: 27 Nov 2024 16:44

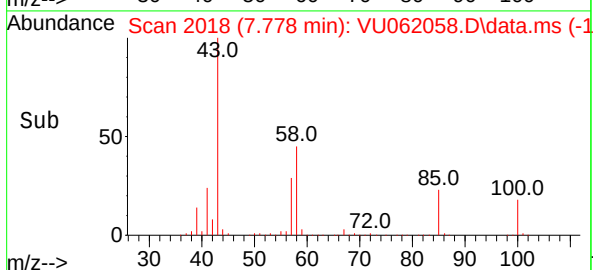
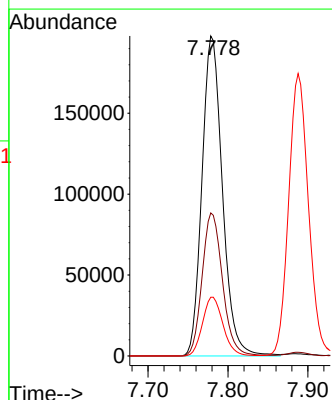
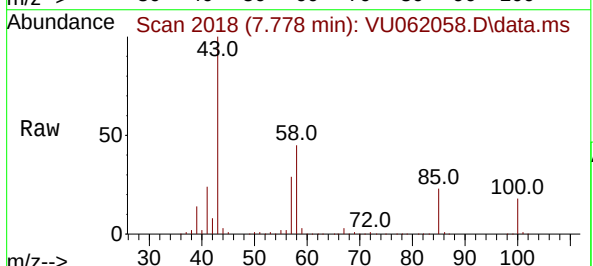
Instrument :
 MSVOA_U
 ClientSampleId :

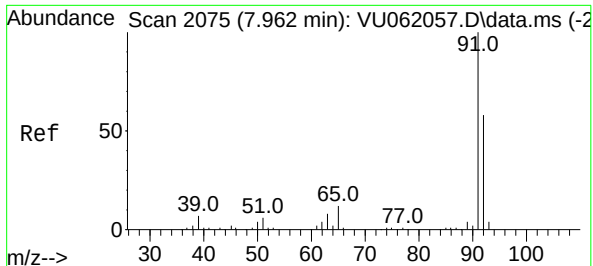
Tgt Ion: 75 Resp: 228873
 Ion Ratio Lower Upper
 75 100
 77 32.1 21.6 40.2



#40
 4-Methyl-2-pentanone
 Concen: 205.190 ug/L
 RT: 7.778 min Scan# 2018
 Delta R.T. -0.004 min
 Lab File: VU062058.D
 Acq: 27 Nov 2024 16:44

Tgt Ion: 43 Resp: 352567
 Ion Ratio Lower Upper
 43 100
 58 44.6 35.7 53.5
 100 18.4 14.6 21.8





#42

Toluene

Concen: 106.459 ug/L

RT: 7.958 min Scan# 2075

Delta R.T. -0.004 min

Lab File: VU062058.D

Acq: 27 Nov 2024 16:44

Instrument :

MSVOA_U

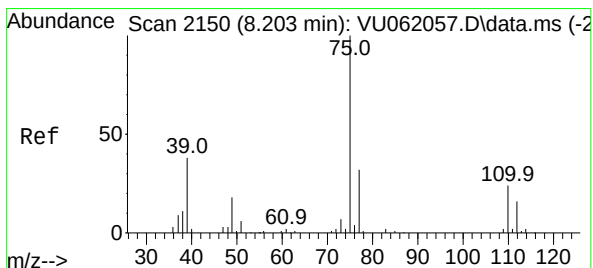
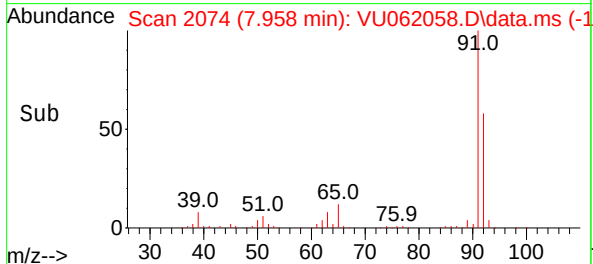
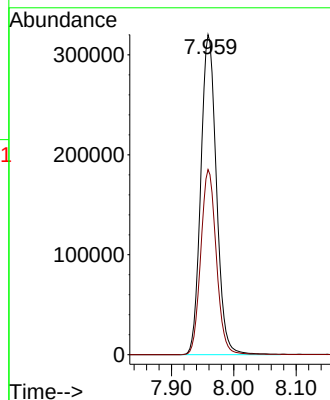
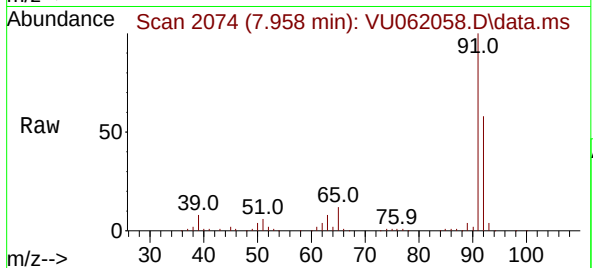
ClientSampleId :

Tgt Ion: 91 Resp: 558089

Ion Ratio Lower Upper

91 100

92 57.8 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 113.491 ug/L

RT: 8.200 min Scan# 2149

Delta R.T. -0.004 min

Lab File: VU062058.D

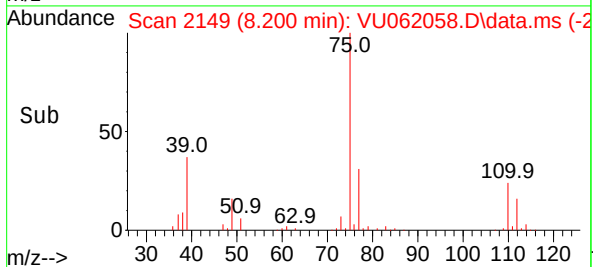
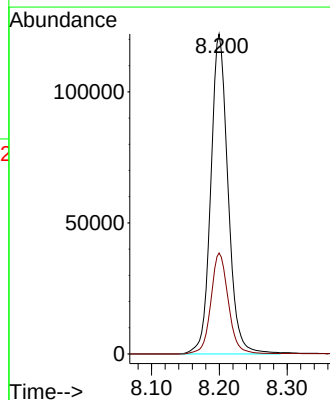
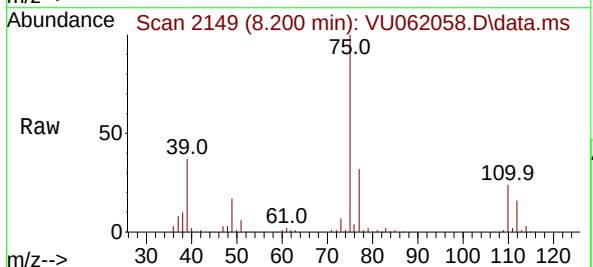
Acq: 27 Nov 2024 16:44

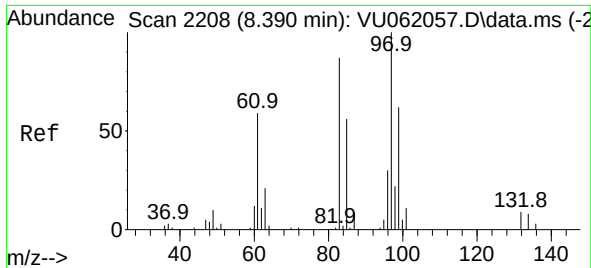
Tgt Ion: 75 Resp: 215782

Ion Ratio Lower Upper

75 100

77 31.5 22.4 41.6



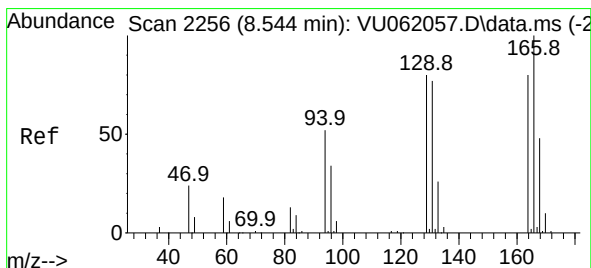
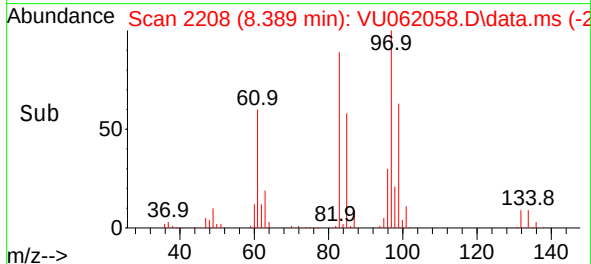
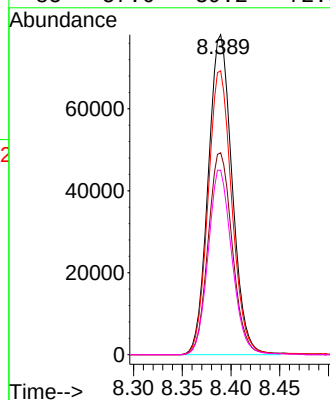
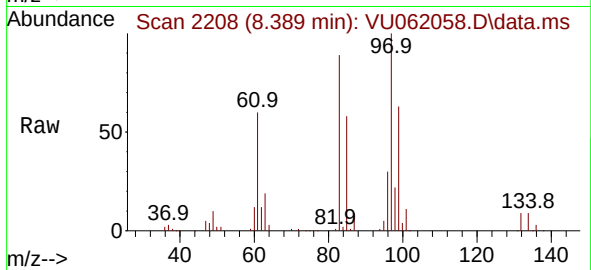


#45
1,1,2-Trichloroethane
Concen: 104.246 ug/L
RT: 8.389 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VU062058.D
Acq: 27 Nov 2024 16:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 133767

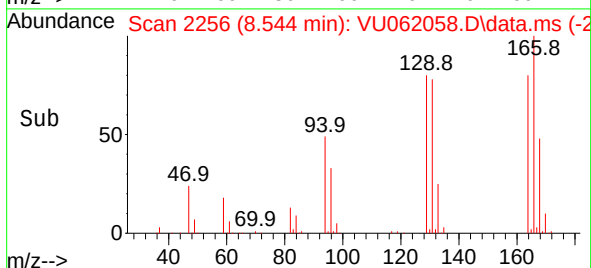
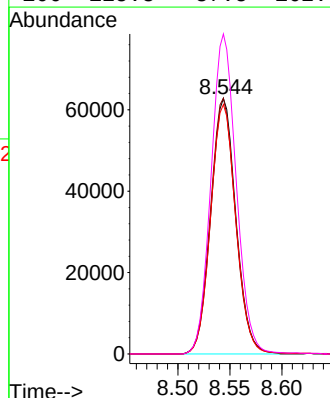
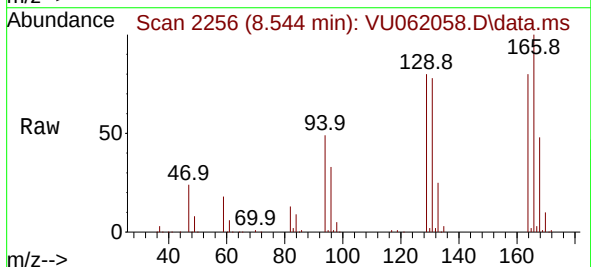
Ion	Ratio	Lower	Upper
97	100		
99	63.1	43.5	80.7
83	88.7	60.8	113.0
85	57.6	39.2	72.8

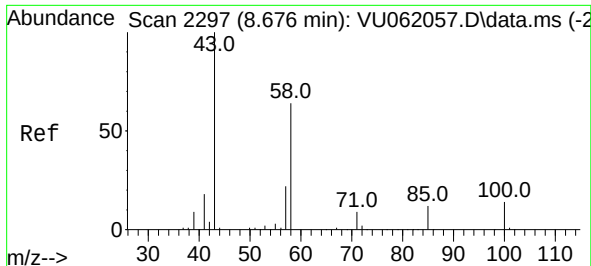


#46
Tetrachloroethene
Concen: 112.921 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU062058.D
Acq: 27 Nov 2024 16:44

Tgt Ion: 164 Resp: 105154

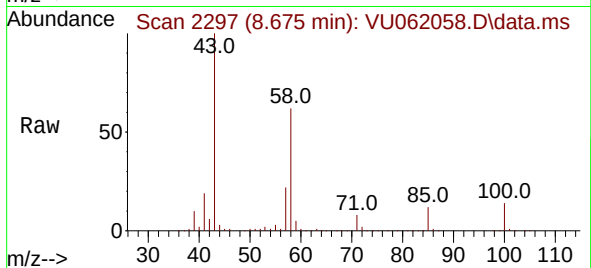
Ion	Ratio	Lower	Upper
164	100		
129	100.1	70.4	130.8
131	97.7	67.8	125.8
166	125.3	87.5	162.5



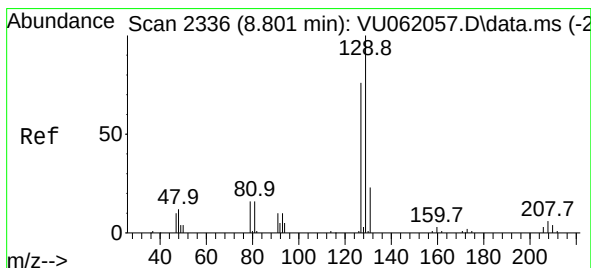
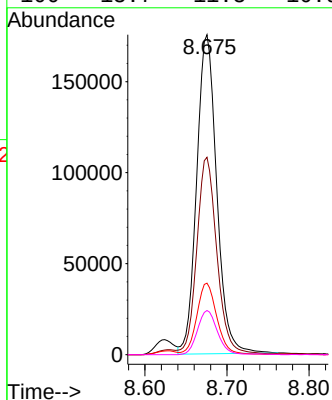
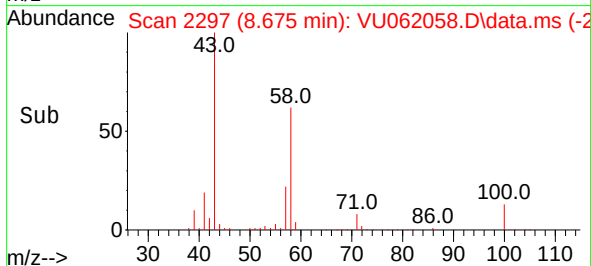


#48
2-Hexanone
Concen: 213.533 ug/L
RT: 8.675 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU062058.D
Acq: 27 Nov 2024 16:44

Instrument :
MSVOA_U
ClientSampleId :

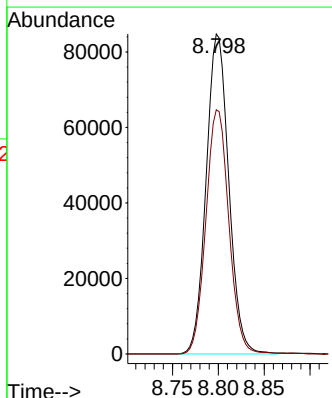
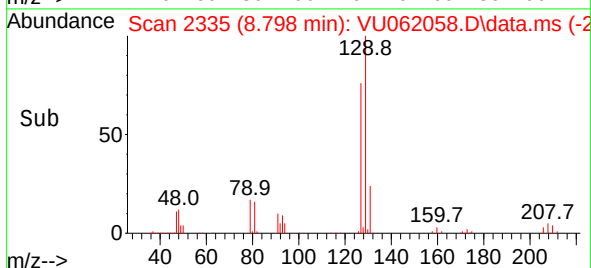
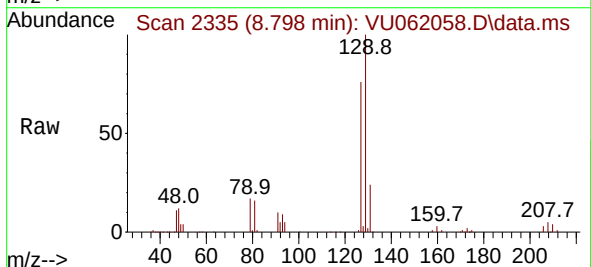


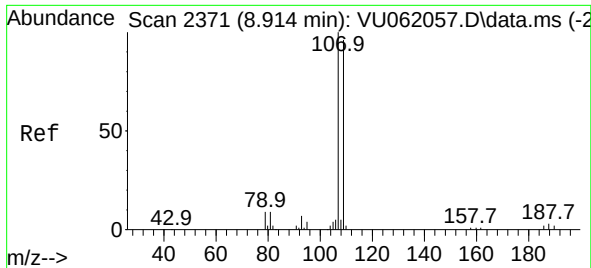
Tgt Ion:	43	Resp:	298028
Ion	Ratio	Lower	Upper
43	100		
58	61.1	51.7	77.5
57	22.3	18.5	27.7
100	13.7	11.3	16.9



#49
Dibromochloromethane
Concen: 113.368 ug/L
RT: 8.798 min Scan# 2335
Delta R.T. -0.004 min
Lab File: VU062058.D
Acq: 27 Nov 2024 16:44

Tgt Ion:	129	Resp:	145426
Ion	Ratio	Lower	Upper
129	100		
127	76.3	53.3	99.1





#50

1,2-Dibromoethane

Concen: 104.165 ug/L

RT: 8.913 min Scan# 2371

Delta R.T. -0.000 min

Lab File: VU062058.D

Acq: 27 Nov 2024 16:44

Instrument :

MSVOA_U

ClientSampleId :

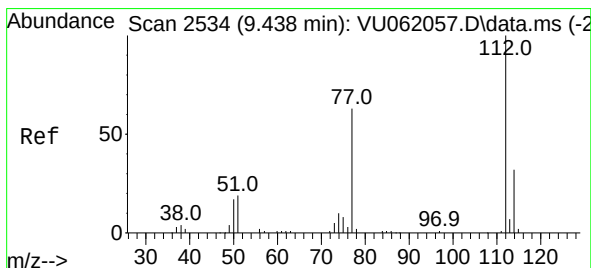
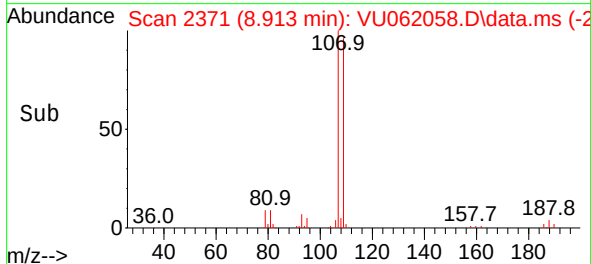
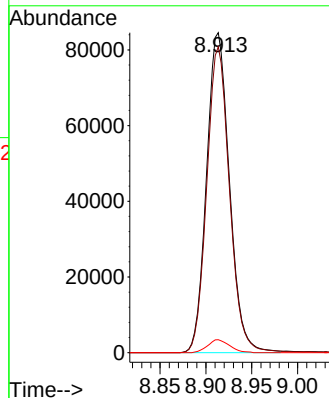
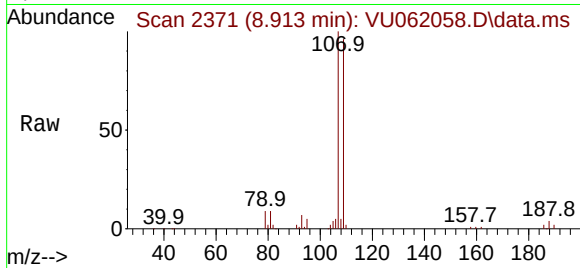
Tgt Ion:107 Resp: 147324

Ion Ratio Lower Upper

107 100

109 95.6 67.1 124.7

188 4.1 2.6 4.0#



#51

Chlorobenzene

Concen: 103.596 ug/L

RT: 9.438 min Scan# 2534

Delta R.T. -0.000 min

Lab File: VU062058.D

Acq: 27 Nov 2024 16:44

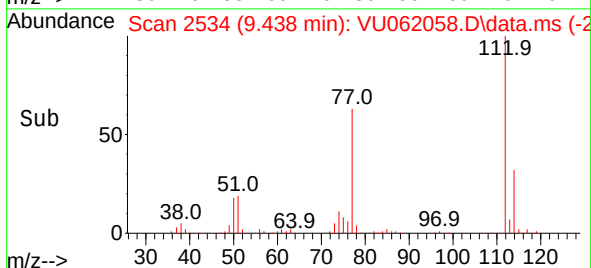
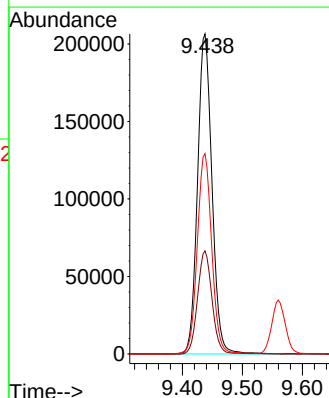
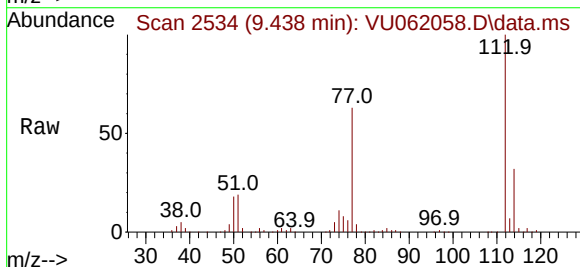
Tgt Ion:112 Resp: 346064

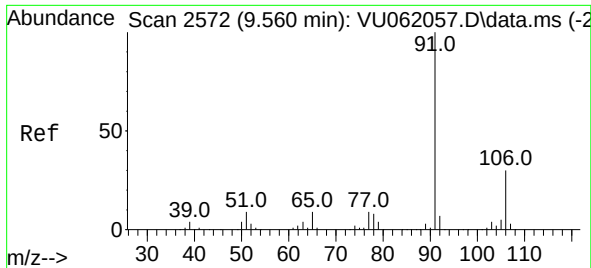
Ion Ratio Lower Upper

112 100

114 32.2 22.0 41.0

77 62.6 50.8 76.2

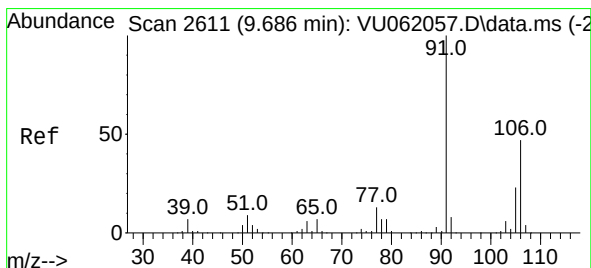
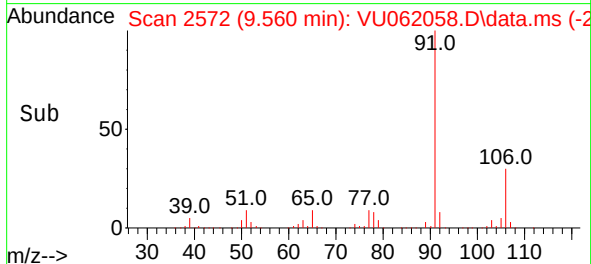
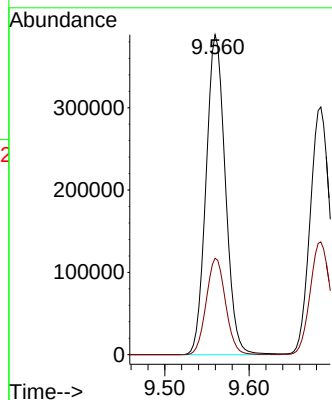
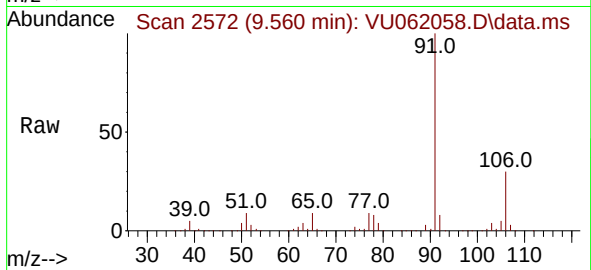




#52
Ethylbenzene
Concen: 108.899 ug/L
RT: 9.560 min Scan# 2572
Delta R.T. -0.000 min
Lab File: VU062058.D
Acq: 27 Nov 2024 16:44

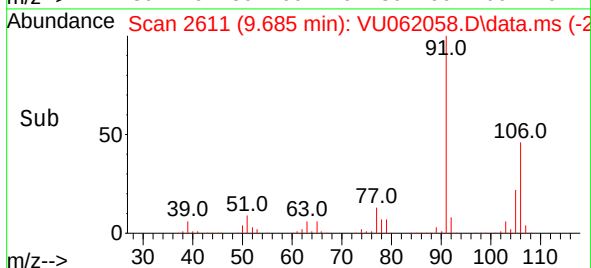
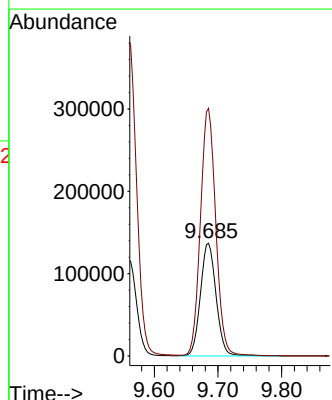
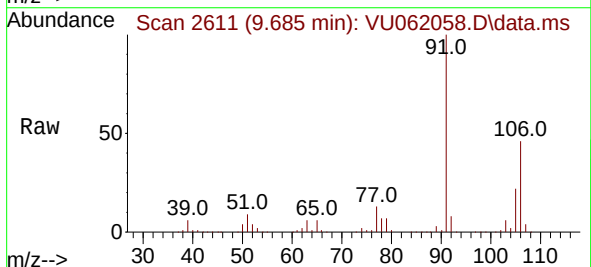
Instrument :
MSVOA_U
ClientSampleId :

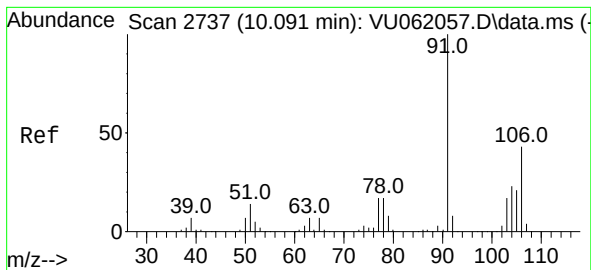
Tgt Ion: 91 Resp: 619944
Ion Ratio Lower Upper
91 100
106 30.2 20.8 38.6



#53
m,p-Xylene
Concen: 108.081 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU062058.D
Acq: 27 Nov 2024 16:44

Tgt Ion:106 Resp: 233628
Ion Ratio Lower Upper
106 100
91 219.5 147.9 274.7





#54

o-Xylene

Concen: 106.002 ug/L

RT: 10.090 min Scan# 2737

Delta R.T. -0.000 min

Lab File: VU062058.D

Acq: 27 Nov 2024 16:44

Instrument :

MSVOA_U

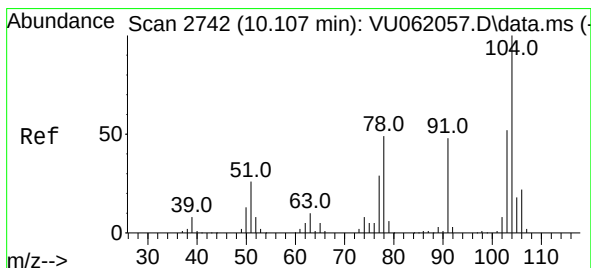
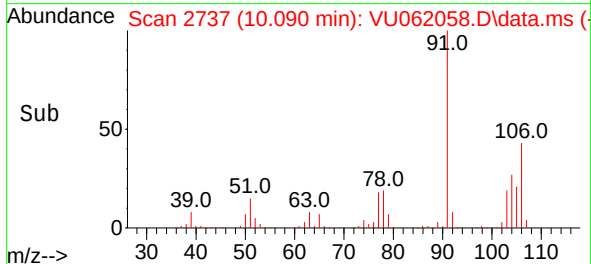
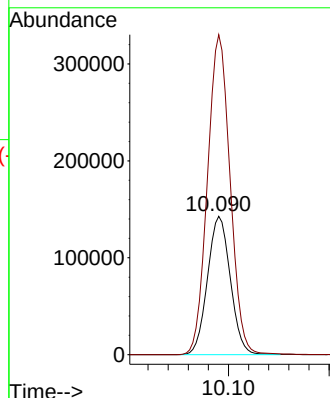
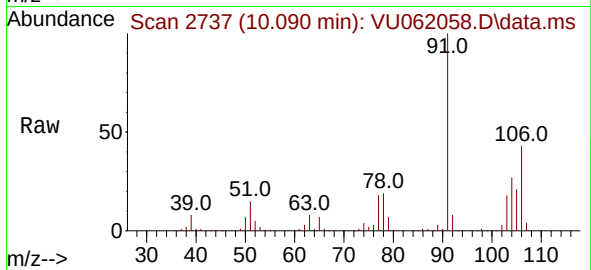
ClientSampleId :

Tgt Ion:106 Resp: 225743

Ion Ratio Lower Upper

106 100

91 231.1 161.0 299.0



#55

Styrene

Concen: 111.294 ug/L

RT: 10.106 min Scan# 2742

Delta R.T. -0.000 min

Lab File: VU062058.D

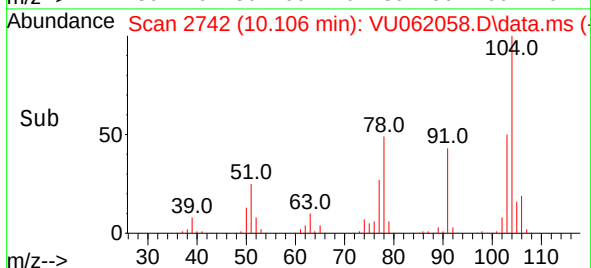
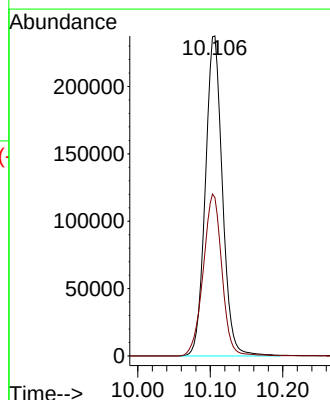
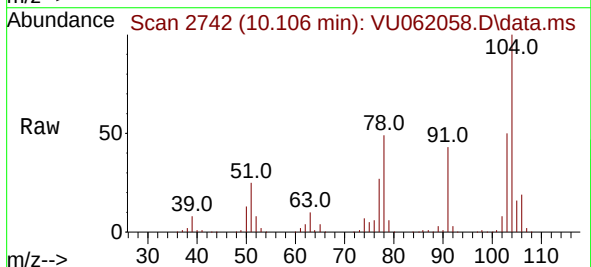
Acq: 27 Nov 2024 16:44

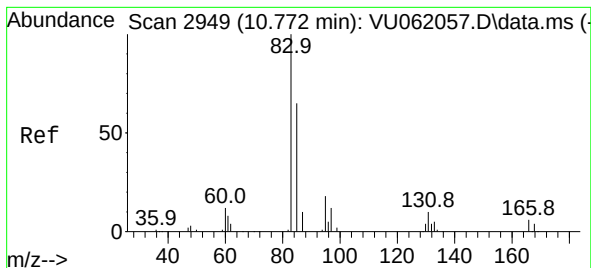
Tgt Ion:104 Resp: 389248

Ion Ratio Lower Upper

104 100

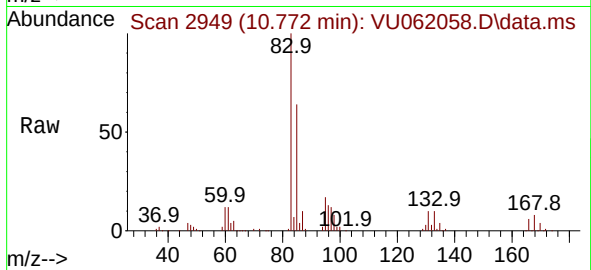
78 49.5 34.5 64.1



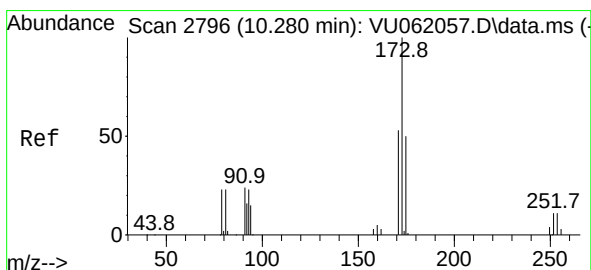
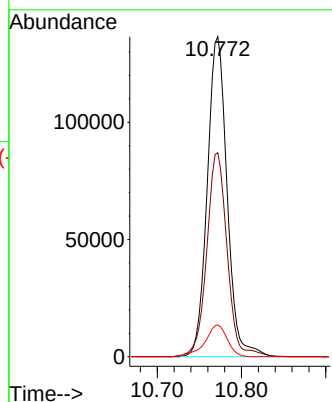
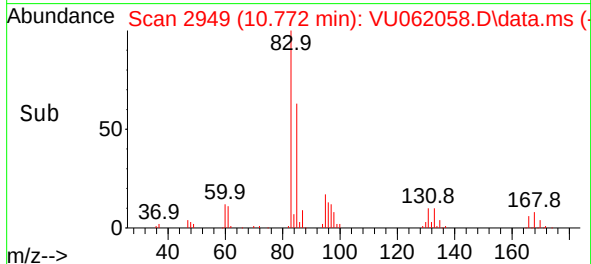


#57
1,1,2,2-Tetrachloroethane
Concen: 101.333 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU062058.D
Acq: 27 Nov 2024 16:44

Instrument :
MSVOA_U
ClientSampleId :

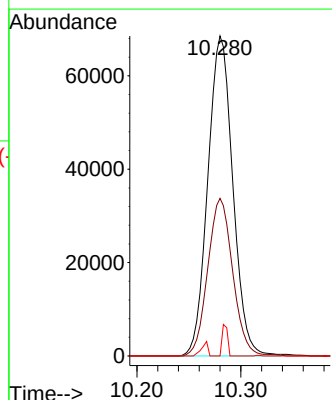
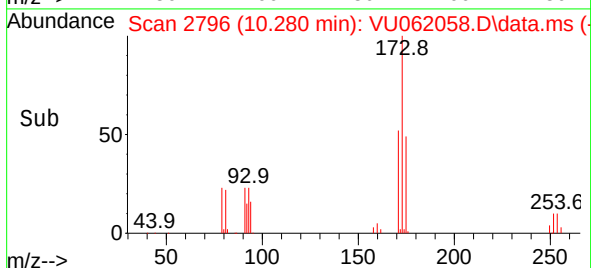
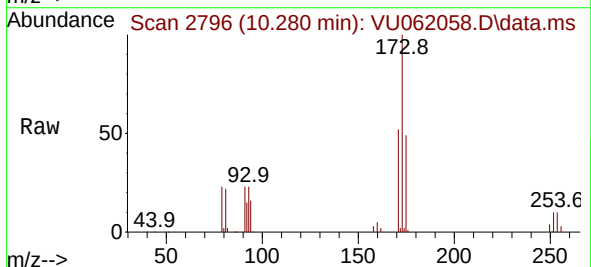


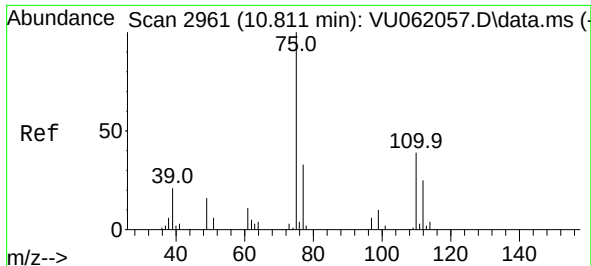
Tgt Ion: 83 Resp: 223573
Ion Ratio Lower Upper
83 100
85 63.7 46.5 86.3
131 9.9 8.4 12.6



#59
Bromoform
Concen: 110.449 ug/L
RT: 10.280 min Scan# 2796
Delta R.T. -0.000 min
Lab File: VU062058.D
Acq: 27 Nov 2024 16:44

Tgt Ion:173 Resp: 114598
Ion Ratio Lower Upper
173 100
175 49.1 39.2 58.8
254 2.1 1.7 2.5

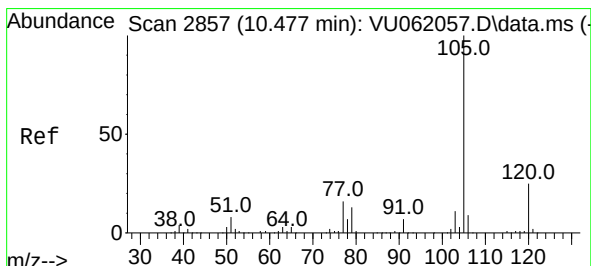
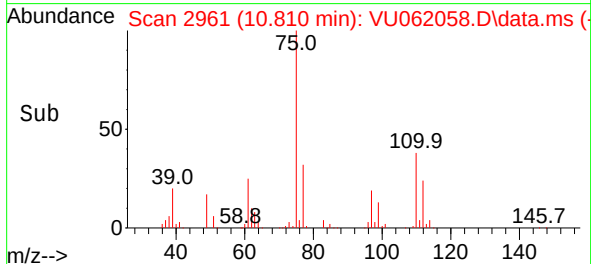
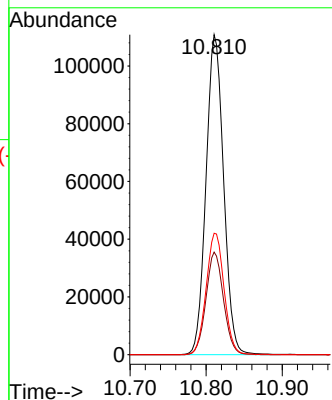
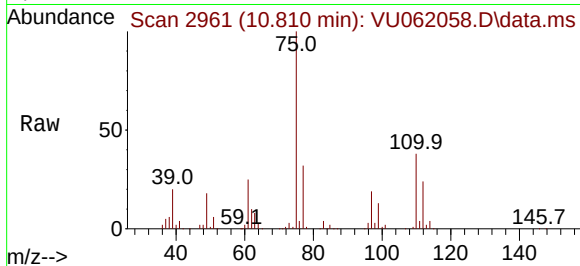




#60
1,2,3-Trichloropropane
Concen: 96.491 ug/L
RT: 10.810 min Scan# 2961
Delta R.T. -0.000 min
Lab File: VU062058.D
Acq: 27 Nov 2024 16:44

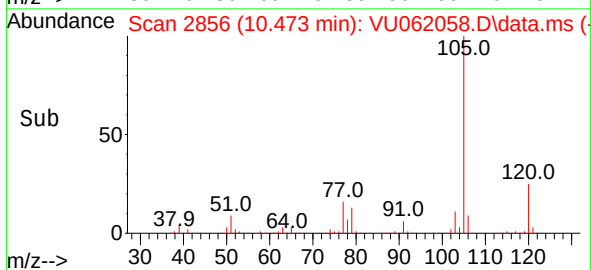
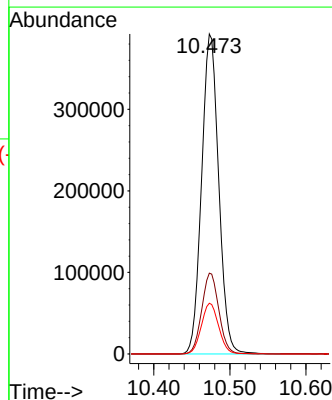
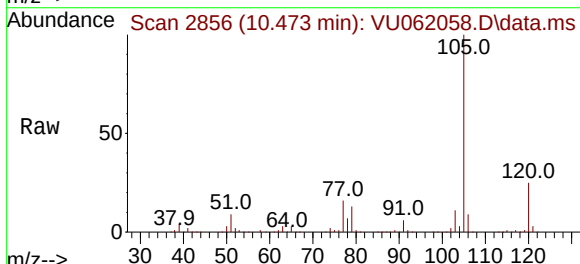
Instrument :
MSVOA_U
ClientSampleId :

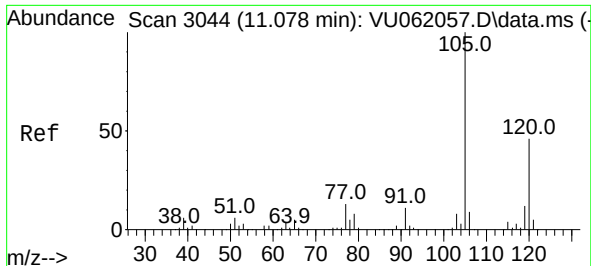
Tgt Ion: 75 Resp: 178361
Ion Ratio Lower Upper
75 100
77 32.0 26.2 39.4
110 38.6 30.7 46.1



#61
Isopropylbenzene
Concen: 105.072 ug/L
RT: 10.473 min Scan# 2856
Delta R.T. -0.004 min
Lab File: VU062058.D
Acq: 27 Nov 2024 16:44

Tgt Ion:105 Resp: 612791
Ion Ratio Lower Upper
105 100
120 25.3 20.0 30.0
77 16.1 13.1 19.7





#62

1,3,5-Trimethylbenzene

Concen: 111.291 ug/L

RT: 11.077 min Scan# 3044

Delta R.T. -0.000 min

Lab File: VU062058.D

Acq: 27 Nov 2024 16:44

Instrument :

MSVOA_U

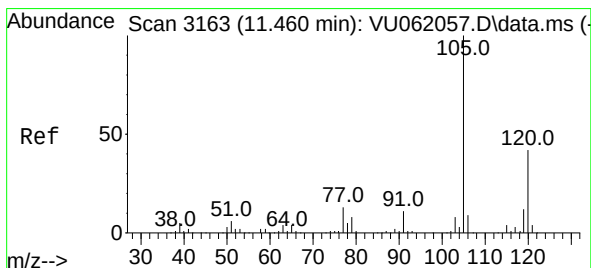
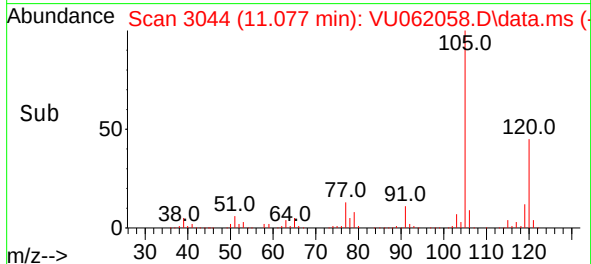
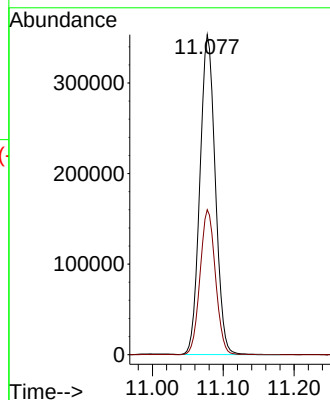
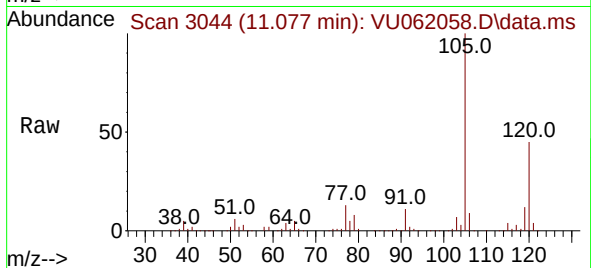
ClientSampleId :

Tgt Ion:105 Resp: 531897

Ion Ratio Lower Upper

105 100

120 45.4 37.0 55.6



#63

1,2,4-Trimethylbenzene

Concen: 110.382 ug/L

RT: 11.457 min Scan# 3162

Delta R.T. -0.004 min

Lab File: VU062058.D

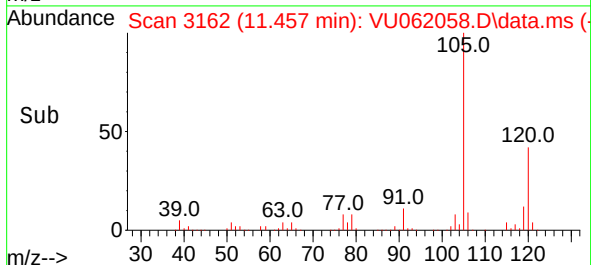
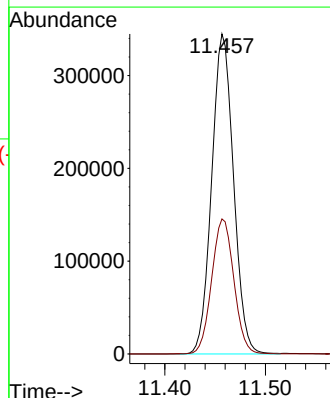
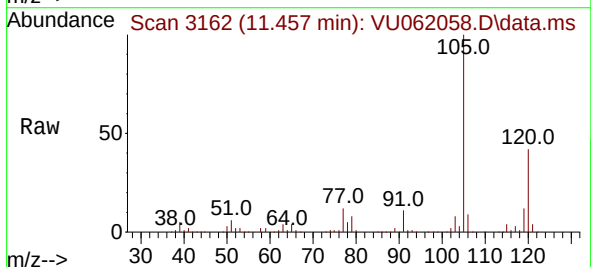
Acq: 27 Nov 2024 16:44

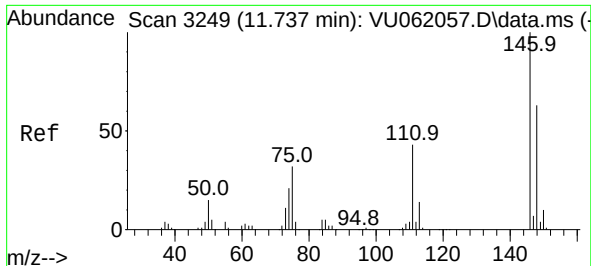
Tgt Ion:105 Resp: 520106

Ion Ratio Lower Upper

105 100

120 42.9 33.8 50.8





#64

1,3-Dichlorobenzene

Concen: 104.658 ug/L

RT: 11.736 min Scan# 3249

Delta R.T. -0.000 min

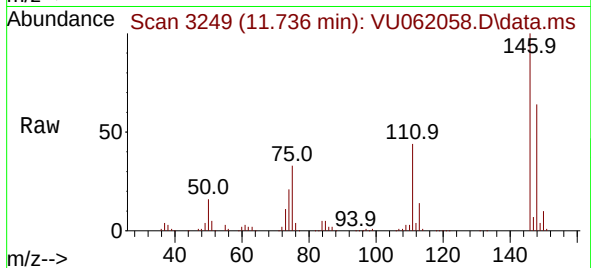
Lab File: VU062058.D

Acq: 27 Nov 2024 16:44

Instrument :

MSVOA_U

ClientSampleId :



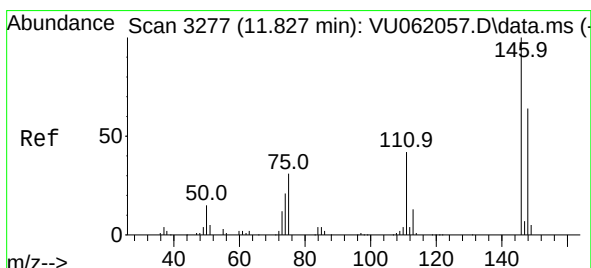
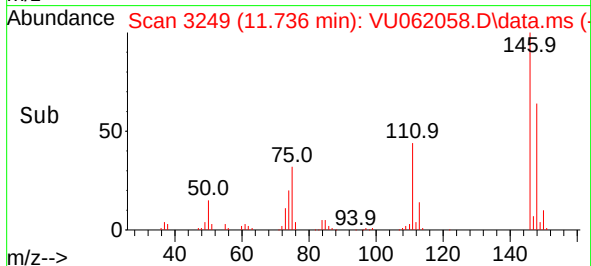
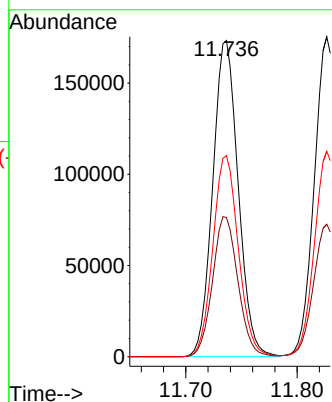
Tgt Ion:146 Resp: 275042

Ion Ratio Lower Upper

146 100

111 44.1 29.8 55.4

148 63.6 44.4 82.5



#65

1,4-Dichlorobenzene

Concen: 103.958 ug/L

RT: 11.826 min Scan# 3277

Delta R.T. -0.000 min

Lab File: VU062058.D

Acq: 27 Nov 2024 16:44

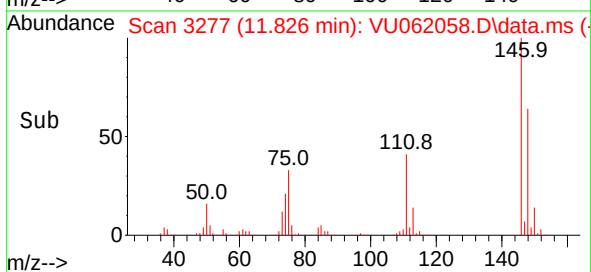
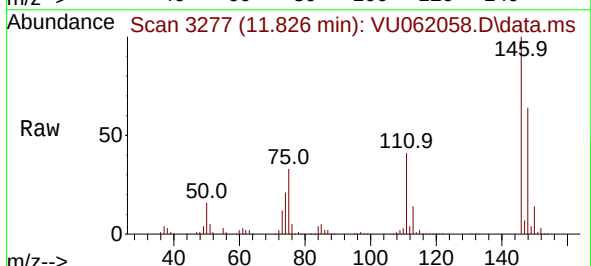
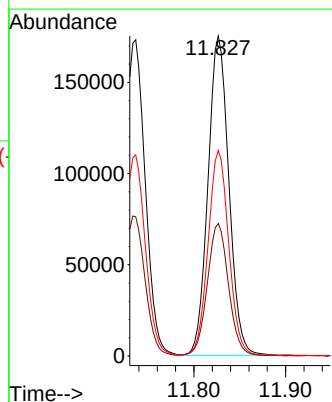
Tgt Ion:146 Resp: 276805

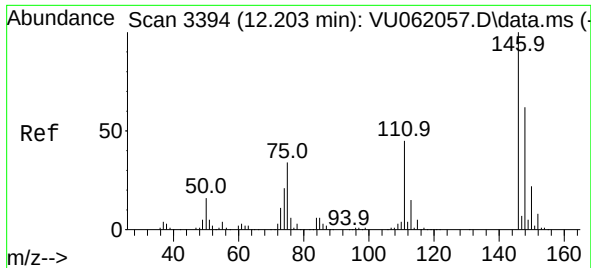
Ion Ratio Lower Upper

146 100

111 41.4 29.4 54.6

148 64.2 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 103.997 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. -0.000 min

Lab File: VU062058.D

Acq: 27 Nov 2024 16:44

Instrument :

MSVOA_U

ClientSampleId :

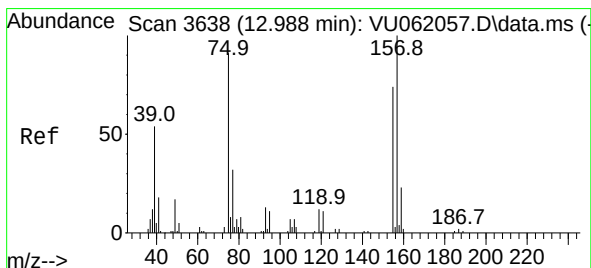
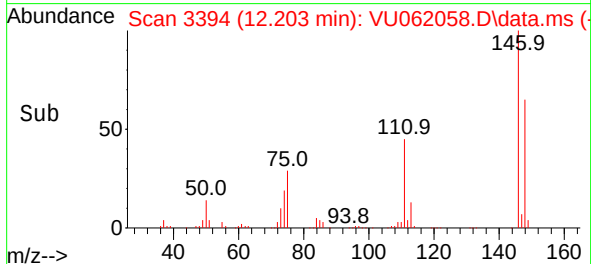
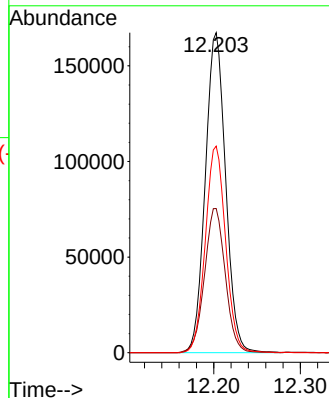
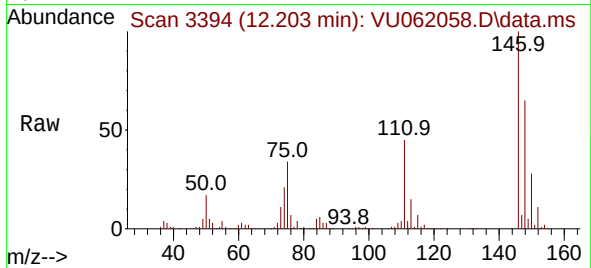
Tgt Ion:146 Resp: 272912

Ion Ratio Lower Upper

146 100

111 45.0 36.1 54.1

148 64.5 49.8 74.6



#68

1,2-Dibromo-3-chloropropane

Concen: 108.229 ug/L

RT: 12.984 min Scan# 3637

Delta R.T. -0.004 min

Lab File: VU062058.D

Acq: 27 Nov 2024 16:44

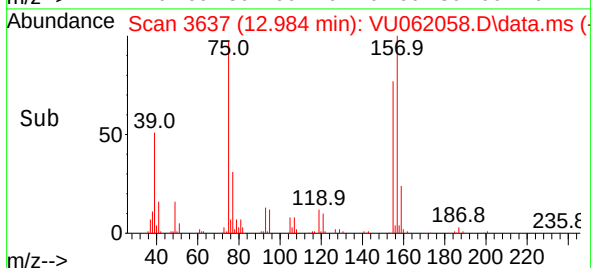
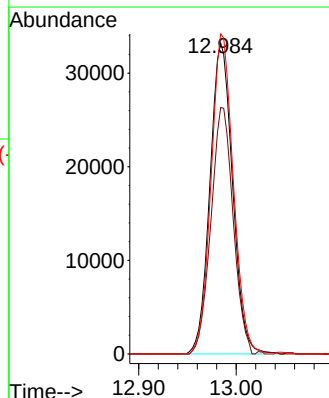
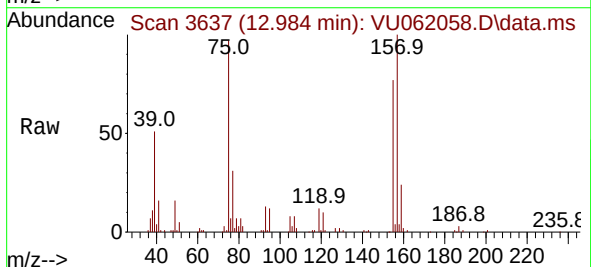
Tgt Ion: 75 Resp: 53509

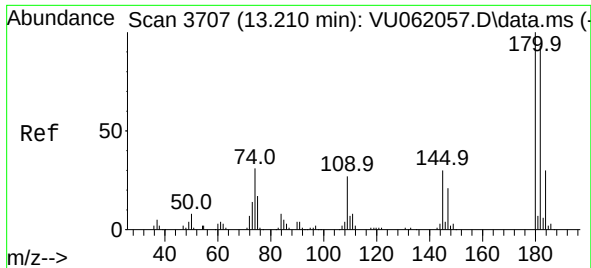
Ion Ratio Lower Upper

75 100

155 79.2 65.1 97.7

157 107.4 91.2 136.8





#69

1,3,5-Trichlorobenzene

Concen: 111.188 ug/L

RT: 13.209 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU062058.D

Acq: 27 Nov 2024 16:44

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 196809

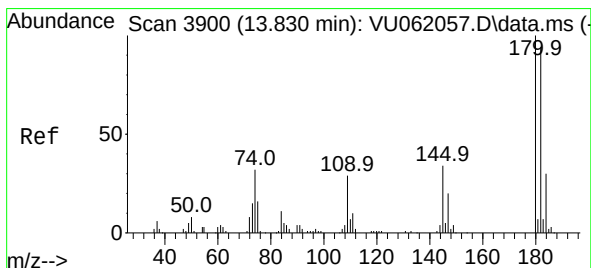
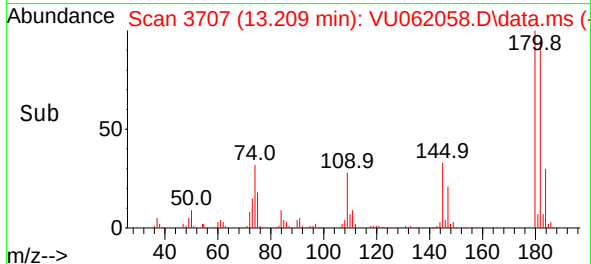
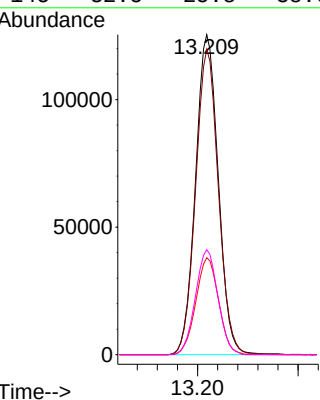
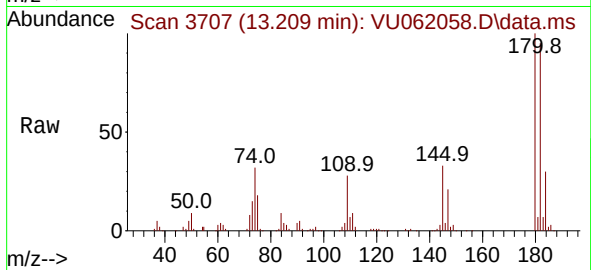
Ion Ratio Lower Upper

180 100

182 95.5 74.6 112.0

184 30.4 24.2 36.2

145 32.5 25.8 38.6



#70

1,2,4-trichlorobenzene

Concen: 118.394 ug/L

RT: 13.830 min Scan# 3900

Delta R.T. -0.000 min

Lab File: VU062058.D

Acq: 27 Nov 2024 16:44

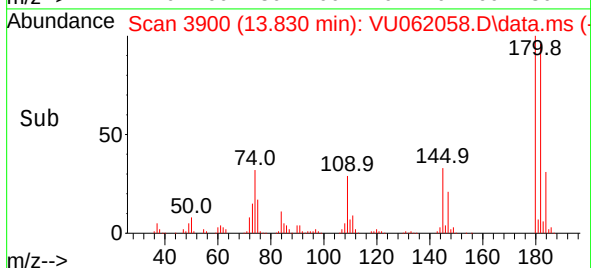
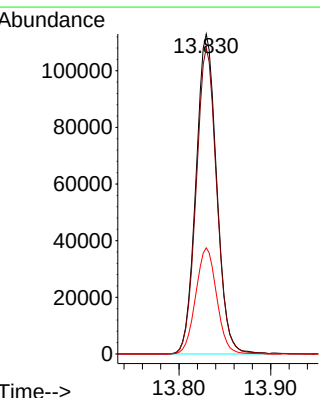
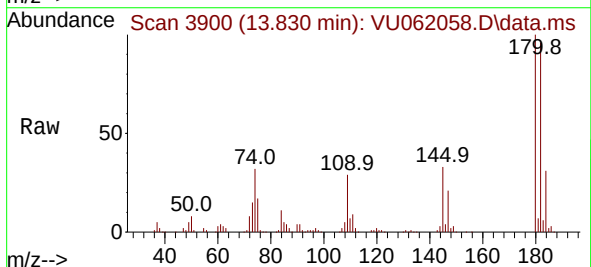
Tgt Ion:180 Resp: 177250

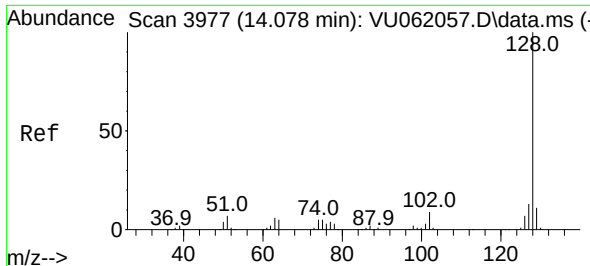
Ion Ratio Lower Upper

180 100

182 95.0 76.6 114.8

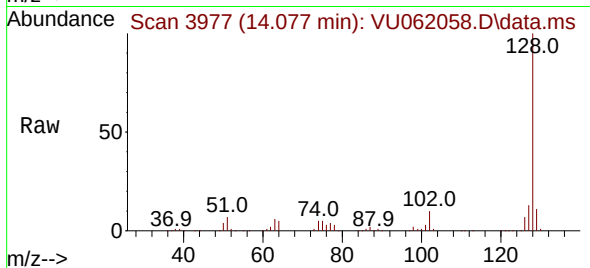
145 33.6 27.1 40.7



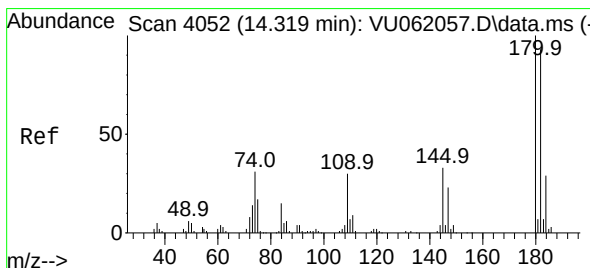
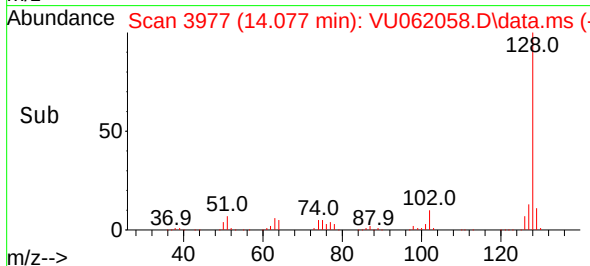
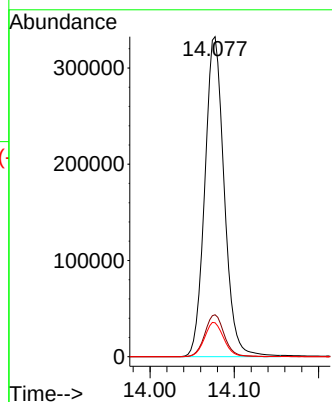


#71
Naphthalene
Concen: 113.805 ug/L
RT: 14.077 min Scan# 3977
Delta R.T. -0.000 min
Lab File: VU062058.D
Acq: 27 Nov 2024 16:44

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 533727
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.7 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 116.590 ug/L
RT: 14.318 min Scan# 4052
Delta R.T. -0.000 min
Lab File: VU062058.D
Acq: 27 Nov 2024 16:44

Tgt Ion:180 Resp: 171424
Ion Ratio Lower Upper
180 100
182 95.9 75.8 113.6
145 35.3 27.4 41.0

