

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112824\
 Data File : VU062059.D
 Acq On : 27 Nov 2024 17:08
 Operator : MD/SY
 Sample : VSTD200
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 28 00:47:57 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	183776	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	175095	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	92395	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	253230	197.158	ug/L	0.00
7) Chloroethane-d5	1.901	69	165757	151.582	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	63	492681	205.854	ug/L	0.00
21) 2-Butanone-d5	4.608	46	384721	377.772	ug/L	0.00
24) Chloroform-d	5.049	84	534438	196.863	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.689	65	340380	196.888	ug/L	0.00
32) Benzene-d6	5.714	84	1010162	184.169	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.679	67	315906	188.191	ug/L	0.00
41) Toluene-d8	7.888	98	955918	187.621	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.168	79	173861	206.510	ug/L	0.00
47) 2-Hexanone-d5	8.624	63	274802	340.467	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	466123	178.594	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.184	152	368032	185.496	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	356123	258.509	ug/L	100
3) Chloromethane	1.515	50	294683	235.616	ug/L	100
5) Vinyl chloride	1.599	62	307545	232.181	ug/L	100
6) Bromomethane	1.846	94	164111	177.155	ug/L	99
8) Chloroethane	1.920	64	172625	202.692	ug/L	98
9) Trichlorofluoromethane	2.129	101	466868	244.576	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	255712	231.935	ug/L	98
12) 1,1-Dichloroethene	2.570	96	242808	235.893	ug/L	95
13) Acetone	2.621	43	385966	474.199	ug/L	99
14) Carbon disulfide	2.785	76	748953	238.903	ug/L	99
15) Methyl Acetate	2.936	43	275960	224.149	ug/L	98
16) Methylene chloride	3.036	84	276367	219.305	ug/L	100
17) trans-1,2-Dichloroethene	3.341	96	253785	227.427	ug/L	98
18) Methyl tert-butyl Ether	3.351	73	871041	228.385	ug/L	100
19) 1,1-Dichloroethane	3.856	63	471871	221.799	ug/L	97
20) cis-1,2-Dichloroethene	4.653	96	286173	218.440	ug/L	98
22) 2-Butanone	4.689	43	452479	450.700	ug/L	99
23) Bromochloromethane	4.959	128	149918	225.408	ug/L	96
25) Chloroform	5.074	83	510364	223.093	ug/L	100
27) 1,2-Dichloroethane	5.779	62	409792	224.579	ug/L	99
29) Cyclohexane	5.377	56	423612	224.045	ug/L	99
30) 1,1,1-Trichloroethane	5.303	97	469344	238.148	ug/L	99
31) Carbon tetrachloride	5.512	117	420560	245.142	ug/L	100
33) Benzene	5.763	78	1073142	215.279	ug/L	100
34) Trichloroethene	6.531	95	297184	226.210	ug/L	97
35) Methylcyclohexane	6.753	83	457586	225.339	ug/L	99
37) 1,2-Dichloropropane	6.779	63	281949	213.107	ug/L	99
38) Bromodichloromethane	7.094	83	391935	230.149	ug/L	97
39) cis-1,3-Dichloropropene	7.595	75	493576	233.619	ug/L	100
40) 4-Methyl-2-pentanone	7.779	43	743215	418.458	ug/L	99
42) Toluene	7.959	91	1164610	214.922	ug/L	100
44) trans-1,3-Dichloropropene	8.200	75	461252	234.696	ug/L	100

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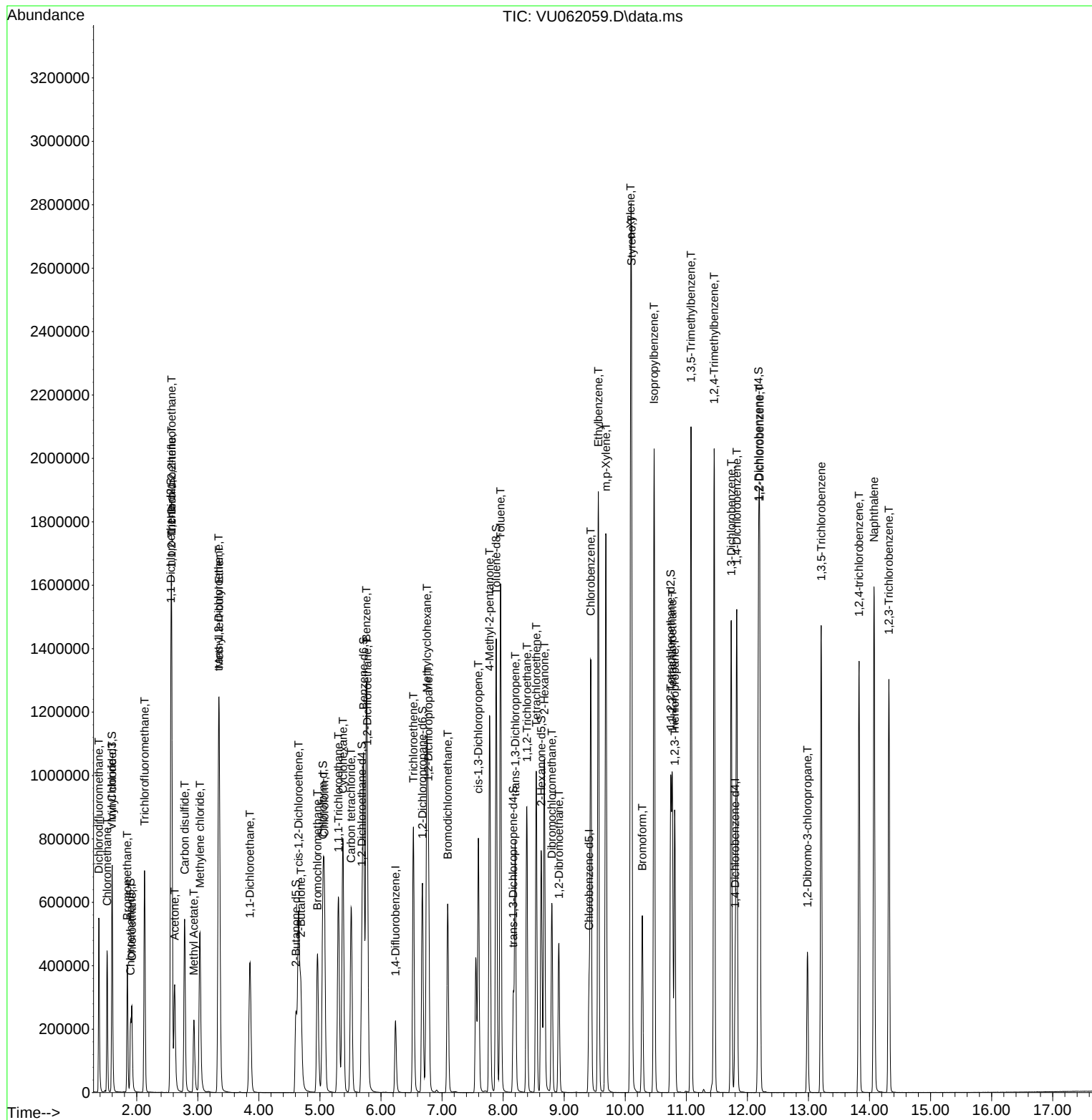
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.389	97	282184	212.747	ug/L	100
46) Tetrachloroethene	8.544	164	220053	228.612	ug/L	98
48) 2-Hexanone	8.676	43	629319	436.215	ug/L	98
49) Dibromochloromethane	8.798	129	310818	234.410	ug/L	98
50) 1,2-Dibromoethane	8.914	107	312343	213.649	ug/L	98
51) Chlorobenzene	9.438	112	727065	210.564	ug/L	98
52) Ethylbenzene	9.560	91	1315926	223.628	ug/L	100
53) m,p-Xylene	9.685	106	492530	220.433	ug/L	98
54) o-Xylene	10.090	106	478238	217.254	ug/L	99
55) Styrene	10.103	104	834149	230.733	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	469266	205.765	ug/L	98
59) Bromoform	10.280	173	252994	234.770	ug/L #	98
60) 1,2,3-Trichloropropane	10.811	75	373453	194.523	ug/L	99
61) Isopropylbenzene	10.473	105	1303293	215.160	ug/L	99
62) 1,3,5-Trimethylbenzene	11.077	105	1136211	228.897	ug/L	99
63) 1,2,4-Trimethylbenzene	11.457	105	1126369	230.162	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	593490	217.437	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	599057	216.619	ug/L	100
67) 1,2-Dichlorobenzene	12.203	146	587476	215.543	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.984	75	118897	231.545	ug/L	93
69) 1,3,5-Trichlorobenzene	13.209	180	436334	237.344	ug/L	99
70) 1,2,4-trichlorobenzene	13.830	180	405454	260.755	ug/L	99
71) Naphthalene	14.074	128	1239410	254.450	ug/L	100
72) 1,2,3-Trichlorobenzene	14.319	180	389739	255.218	ug/L	99

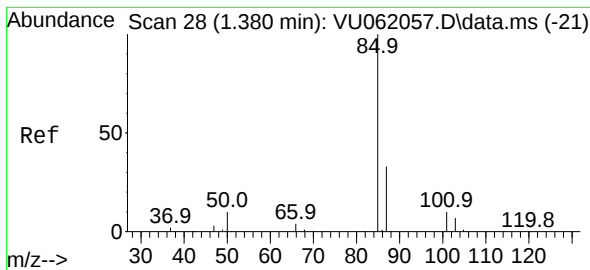
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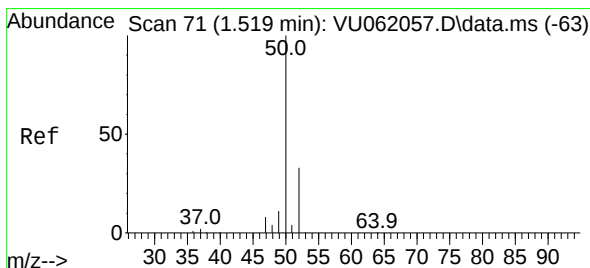
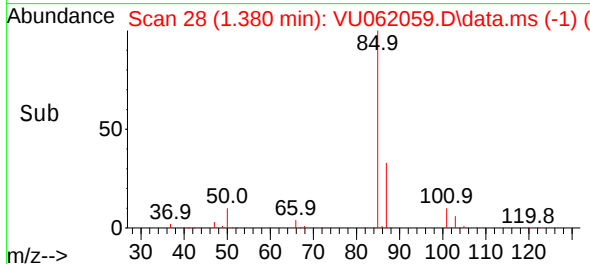
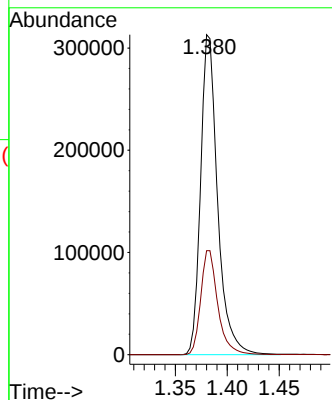
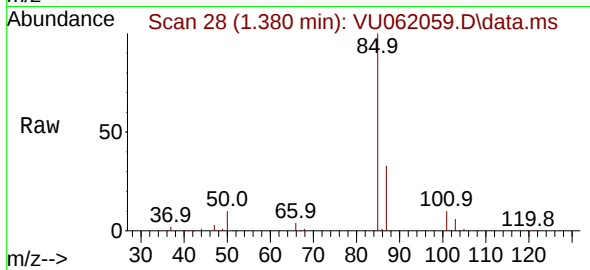




#2
 Dichlorodifluoromethane
 Concen: 258.509 ug/L
 RT: 1.380 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU062059.D
 Acq: 27 Nov 2024 17:08

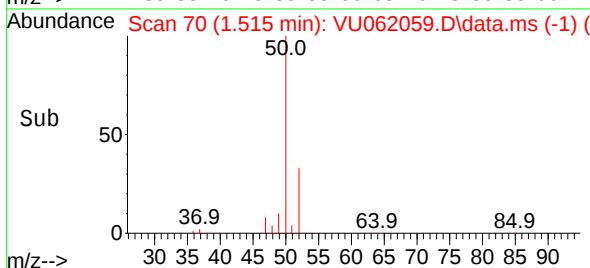
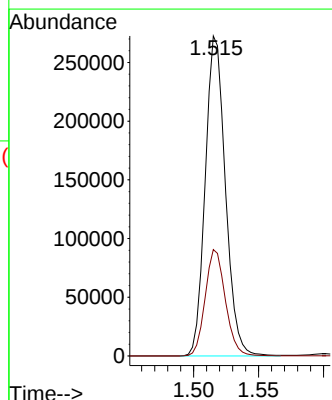
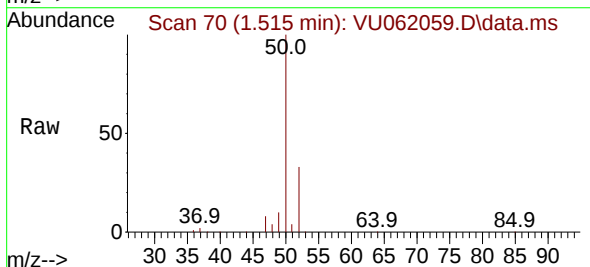
Instrument :
 MSVOA_U
 ClientSampleId :

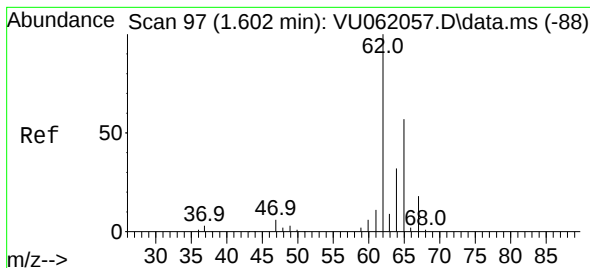
Tgt Ion: 85 Resp: 356123
 Ion Ratio Lower Upper
 85 100
 87 32.7 26.0 39.0



#3
 Chloromethane
 Concen: 235.616 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.003 min
 Lab File: VU062059.D
 Acq: 27 Nov 2024 17:08

Tgt Ion: 50 Resp: 294683
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.3 43.3





#5

Vinyl chloride

Concen: 232.181 ug/L

RT: 1.599 min Scan# 9

Delta R.T. -0.004 min

Lab File: VU062059.D

Acq: 27 Nov 2024 17:08

Instrument :

MSVOA_U

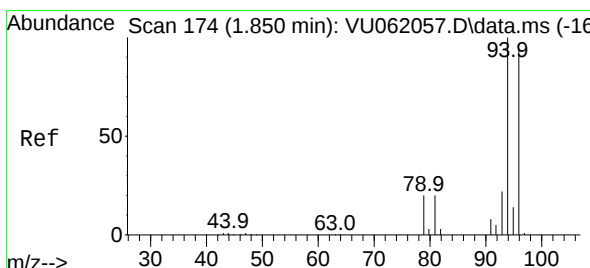
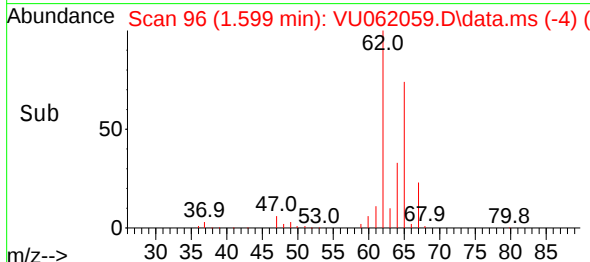
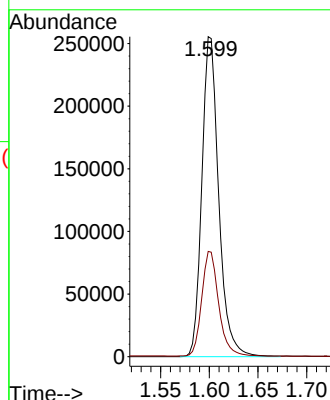
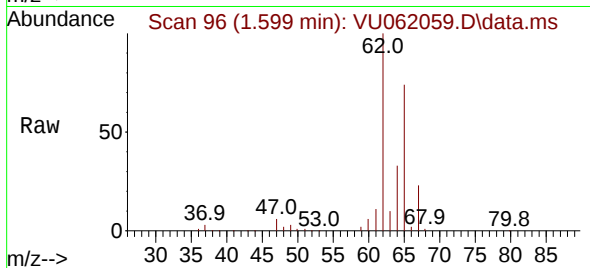
ClientSampleId :

Tgt Ion: 62 Resp: 307545

Ion Ratio Lower Upper

62 100

64 32.9 23.0 42.8



#6

Bromomethane

Concen: 177.155 ug/L

RT: 1.846 min Scan# 173

Delta R.T. -0.004 min

Lab File: VU062059.D

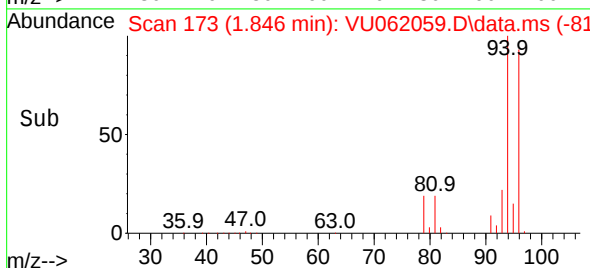
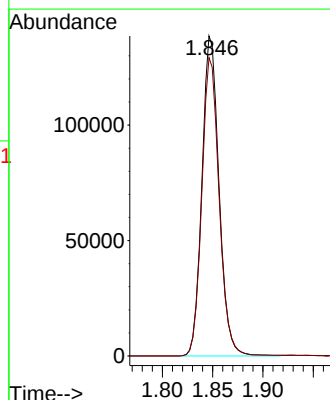
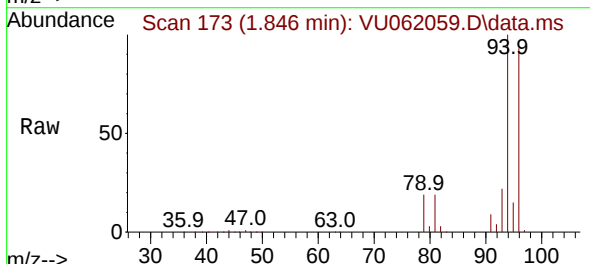
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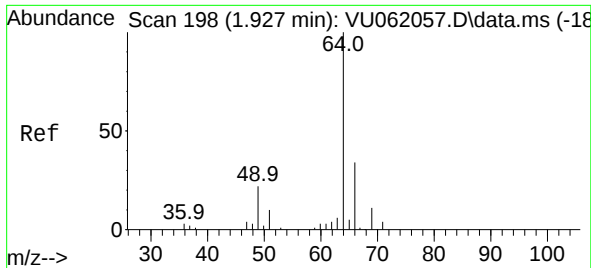
Tgt Ion: 94 Resp: 164111

Ion Ratio Lower Upper

94 100

96 93.2 66.0 122.6

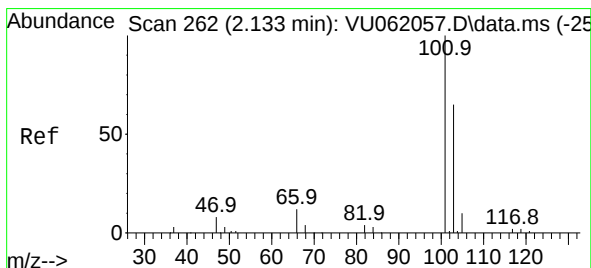
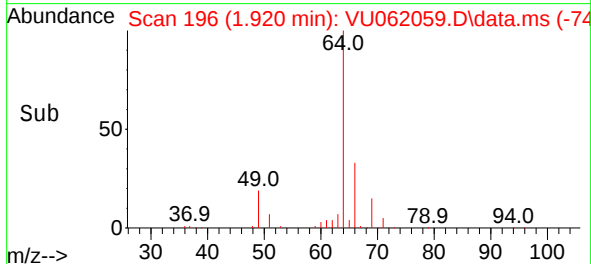
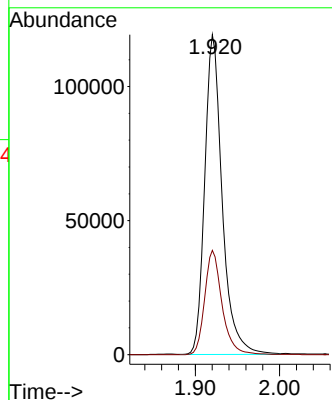
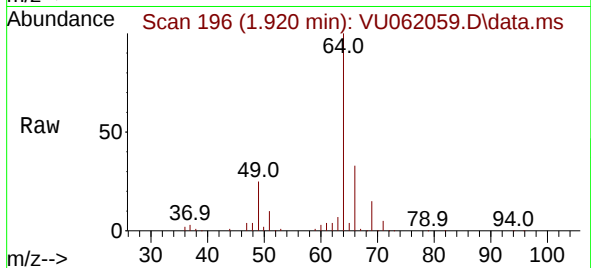




#8
Chloroethane
Concen: 202.692 ug/L
RT: 1.920 min Scan# 196
Delta R.T. -0.007 min
Lab File: VU062059.D
Acq: 27 Nov 2024 17:08

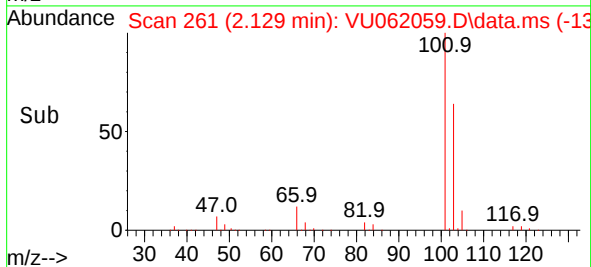
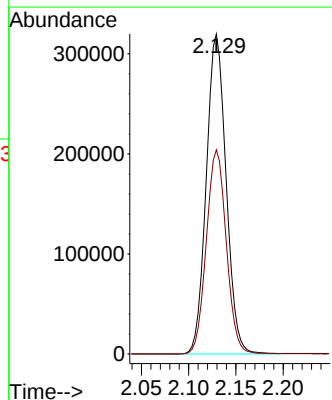
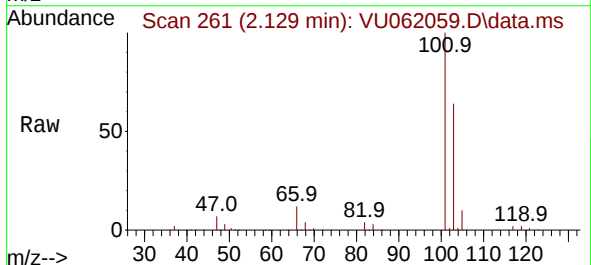
Instrument :
MSVOA_U
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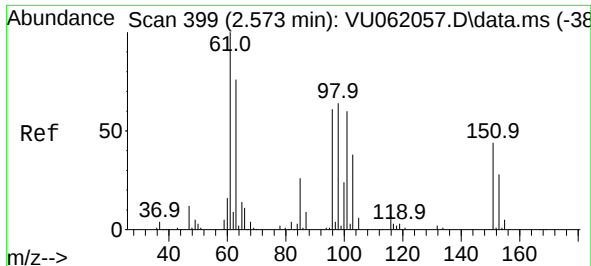
Tgt Ion: 64 Resp: 172625
Ion Ratio Lower Upper
64 100
66 32.6 23.7 44.1



#9
Trichlorofluoromethane
Concen: 244.576 ug/L
RT: 2.129 min Scan# 261
Delta R.T. -0.003 min
Lab File: VU062059.D
Acq: 27 Nov 2024 17:08

Tgt Ion:101 Resp: 466868
Ion Ratio Lower Upper
101 100
103 64.2 52.9 79.3

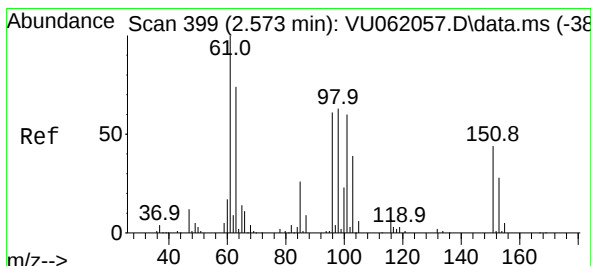
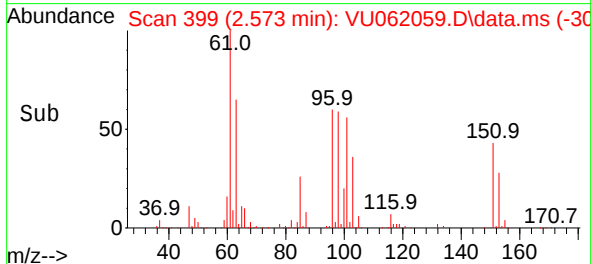
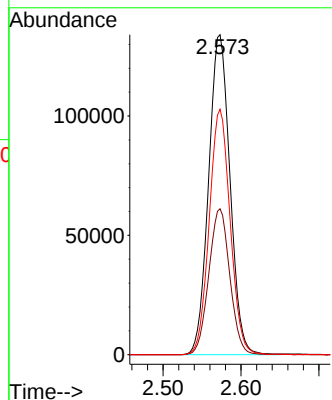
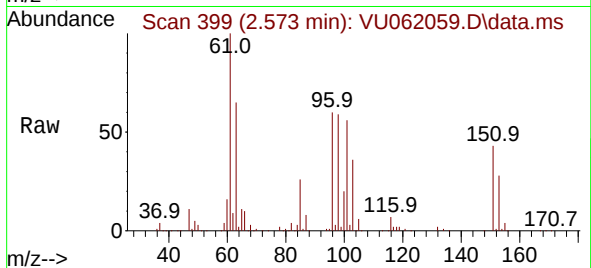




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 231.935 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU062059.D
 Acq: 27 Nov 2024 17:08

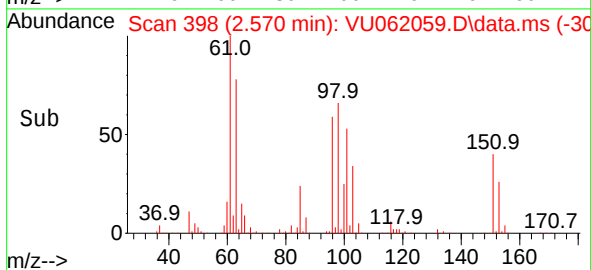
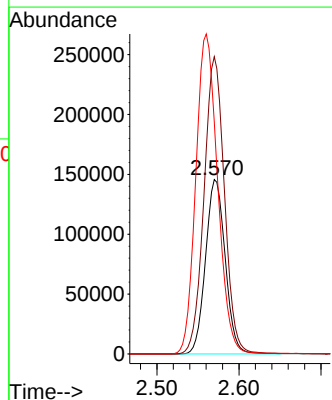
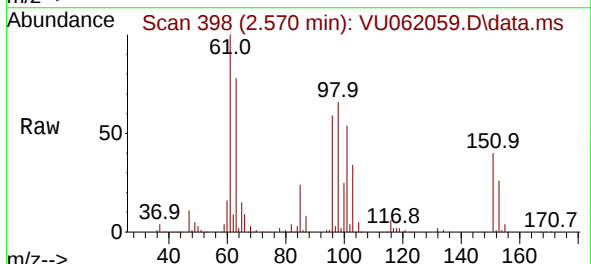
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 ClientSampleId :

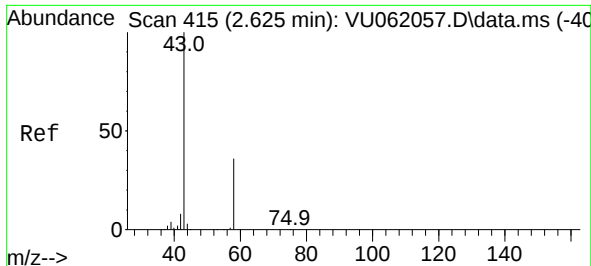
Tgt Ion:101 Resp: 255712
 Ion Ratio Lower Upper
 101 100
 85 44.8 34.7 52.1
 151 75.1 59.0 88.4



#12
 1,1-Dichloroethene
 Concen: 235.893 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. -0.003 min
 Lab File: VU062059.D
 Acq: 27 Nov 2024 17:08

Tgt Ion: 96 Resp: 242808
 Ion Ratio Lower Upper
 96 100
 61 170.5 115.2 214.0
 63 133.2 89.3 165.9





#13

Acetone

Concen: 474.199 ug/L

RT: 2.621 min Scan# 415

Delta R.T. -0.003 min

Lab File: VU062059.D

Acq: 27 Nov 2024 17:08

Instrument :

MSVOA_U

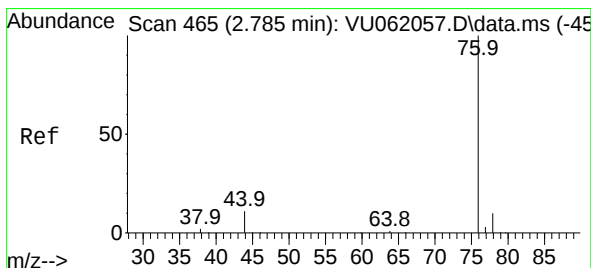
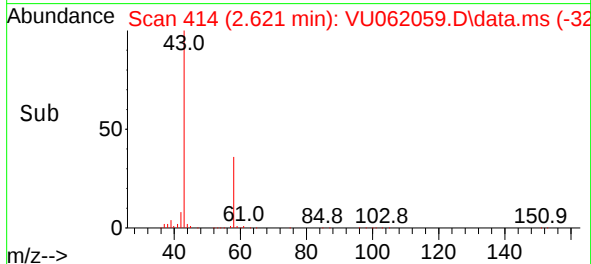
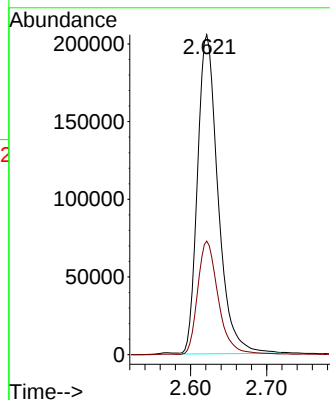
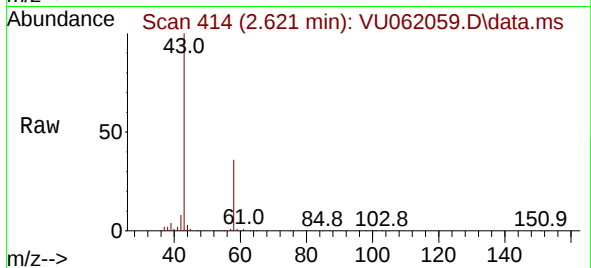
ClientSampleId :

Tgt Ion: 43 Resp: 385966

Ion Ratio Lower Upper

43 100

58 35.6 0.0 72.4



#14

Carbon disulfide

Concen: 238.903 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.000 min

Lab File: VU062059.D

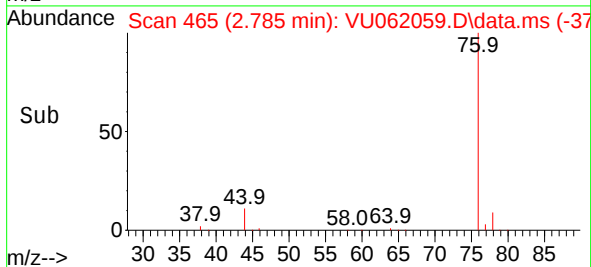
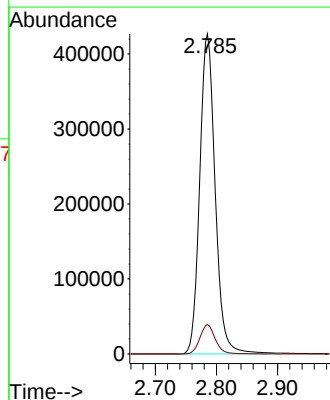
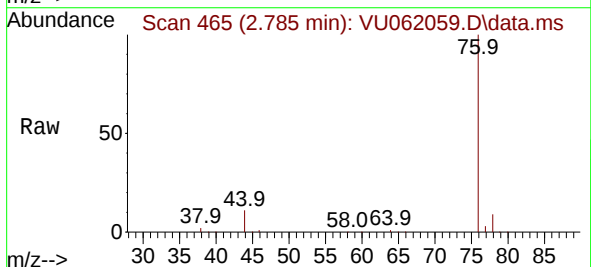
Acq: 27 Nov 2024 17:08

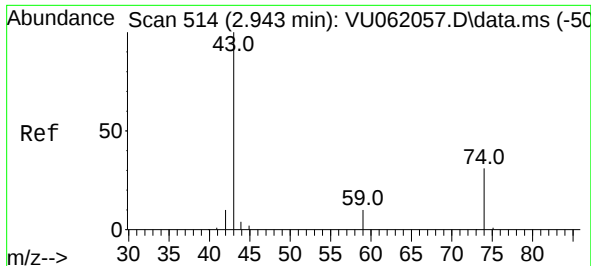
Tgt Ion: 76 Resp: 748953

Ion Ratio Lower Upper

76 100

78 9.2 7.8 11.6





#15

Methyl Acetate

Concen: 224.149 ug/L

RT: 2.936 min Scan# 514

Delta R.T. -0.007 min

Lab File: VU062059.D

Acq: 27 Nov 2024 17:08

Instrument :

MSVOA_U

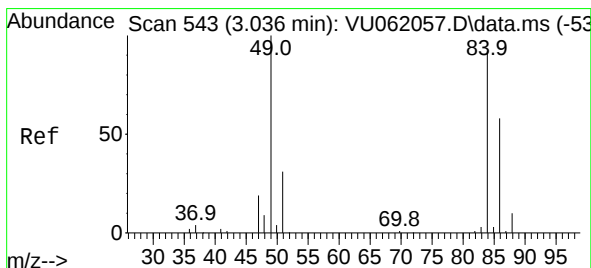
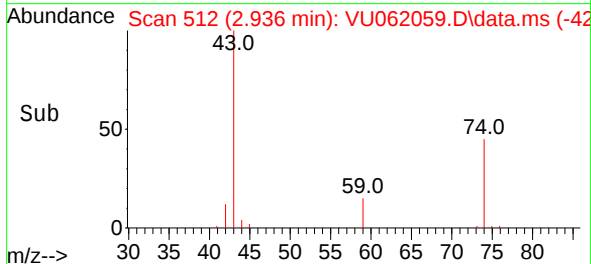
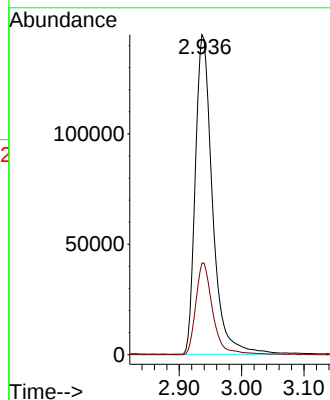
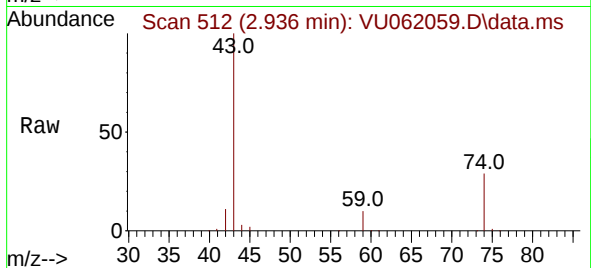
ClientSampleId :

Tgt Ion: 43 Resp: 275960

Ion Ratio Lower Upper

43 100

74 28.4 23.4 35.2



#16

Methylene chloride

Concen: 219.305 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.000 min

Lab File: VU062059.D

Acq: 27 Nov 2024 17:08

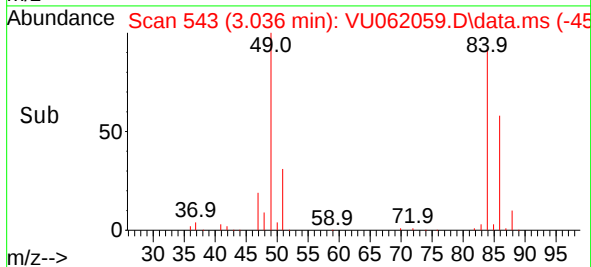
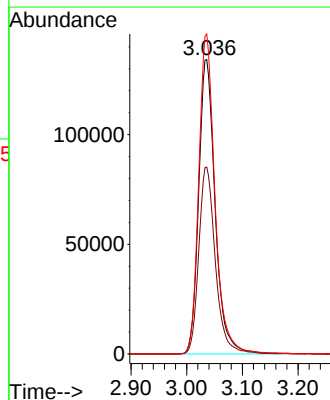
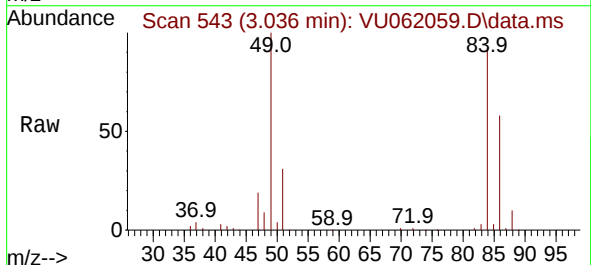
Tgt Ion: 84 Resp: 276367

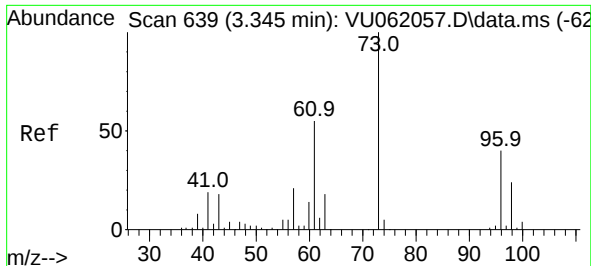
Ion Ratio Lower Upper

84 100

86 63.5 44.4 82.4

49 108.7 75.9 141.1





#17

trans-1,2-Dichloroethene

Concen: 227.427 ug/L

RT: 3.341 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU062059.D

Acq: 27 Nov 2024 17:08

Instrument :

MSVOA_U

ClientSampleId :

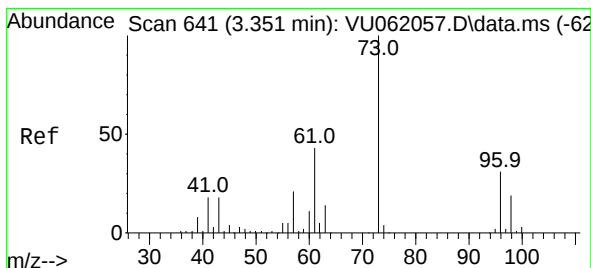
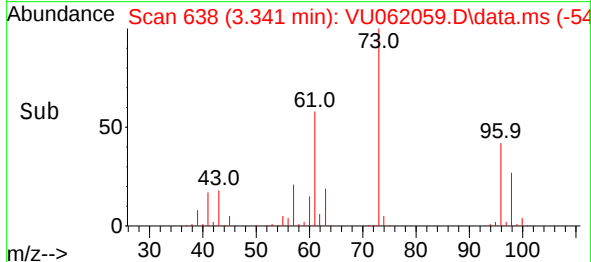
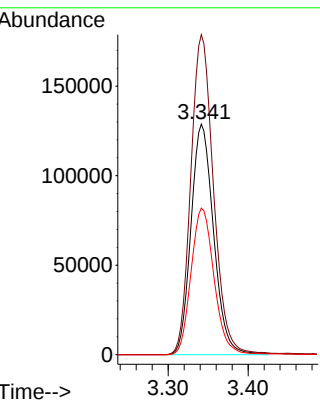
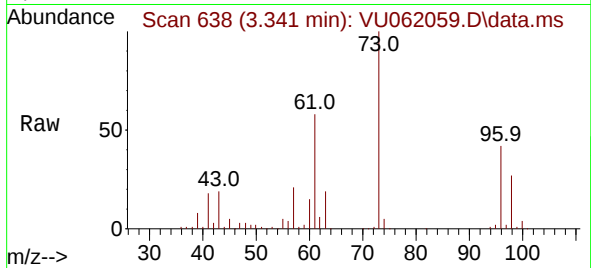
Tgt Ion: 96 Resp: 253785

Ion Ratio Lower Upper

96 100

61 138.8 96.2 178.6

98 63.6 42.7 79.3



#18

Methyl tert-butyl Ether

Concen: 228.385 ug/L

RT: 3.351 min Scan# 641

Delta R.T. -0.000 min

Lab File: VU062059.D

Acq: 27 Nov 2024 17:08

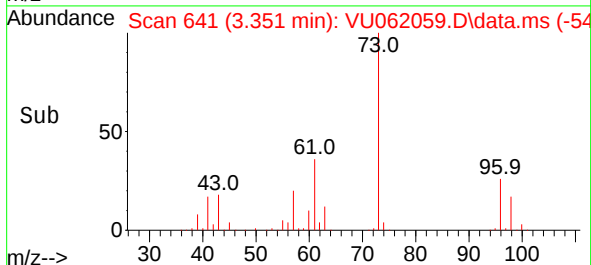
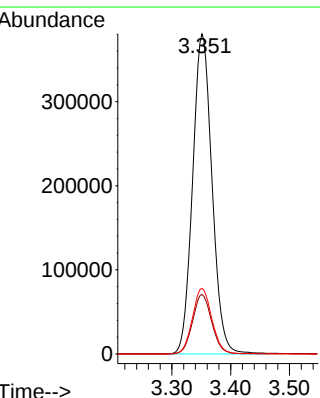
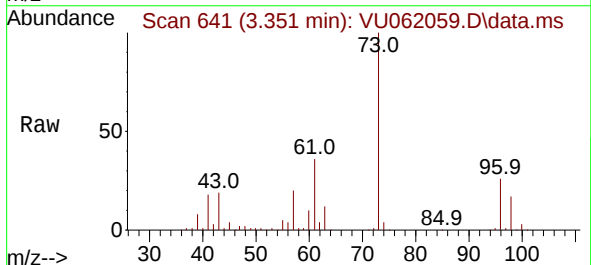
Tgt Ion: 73 Resp: 871041

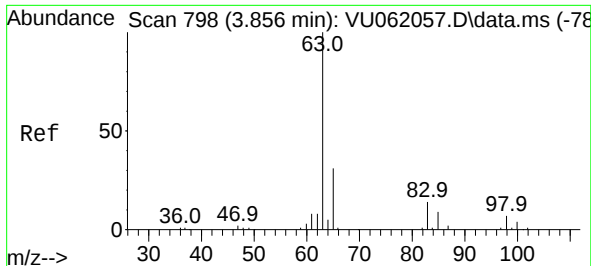
Ion Ratio Lower Upper

73 100

43 18.3 14.7 22.1

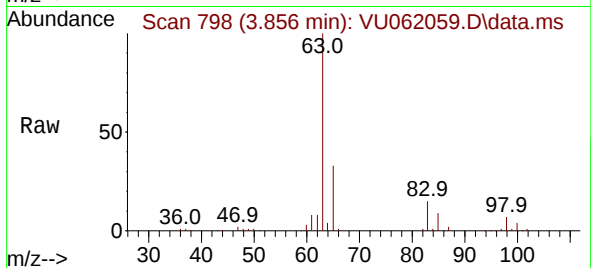
57 20.4 16.4 24.6



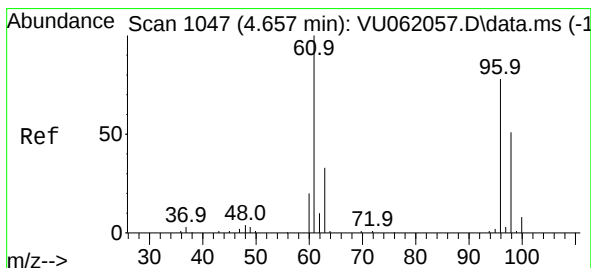
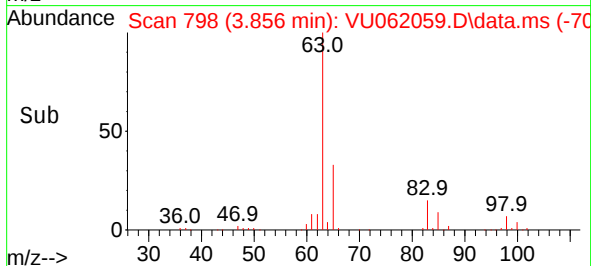
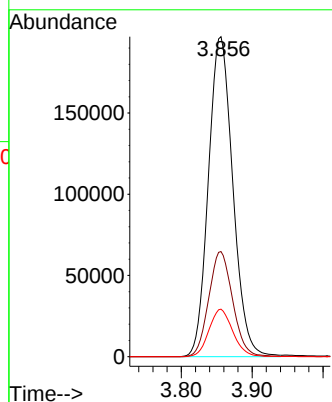


#19
1,1-Dichloroethane
Concen: 221.799 ug/L
RT: 3.856 min Scan# 798
Delta R.T. -0.000 min
Lab File: VU062059.D
Acq: 27 Nov 2024 17:08

Instrument :
MSVOA_U
ClientSampleId :

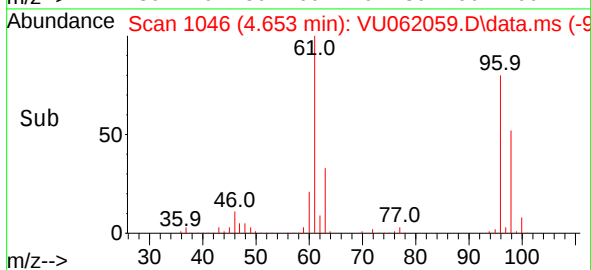
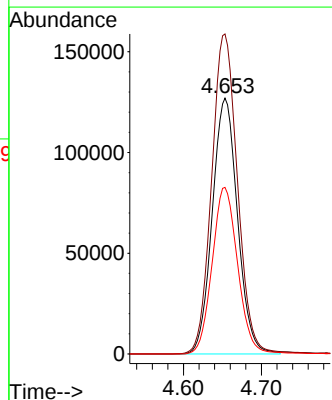
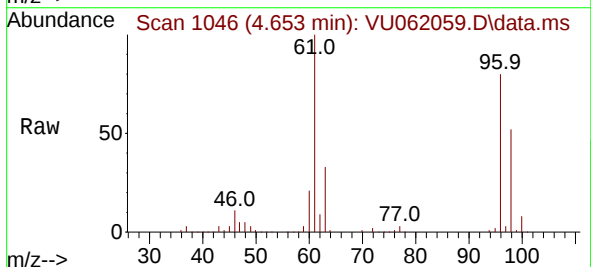


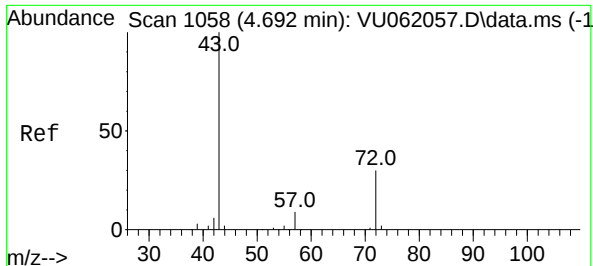
Tgt Ion: 63 Resp: 471871
Ion Ratio Lower Upper
63 100
65 32.8 21.7 40.3
83 14.9 10.0 18.6



#20
cis-1,2-Dichloroethene
Concen: 218.440 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.003 min
Lab File: VU062059.D
Acq: 27 Nov 2024 17:08

Tgt Ion: 96 Resp: 286173
Ion Ratio Lower Upper
96 100
61 125.1 90.1 167.3
98 65.1 45.3 84.1

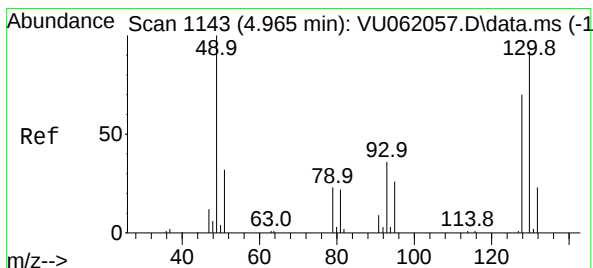
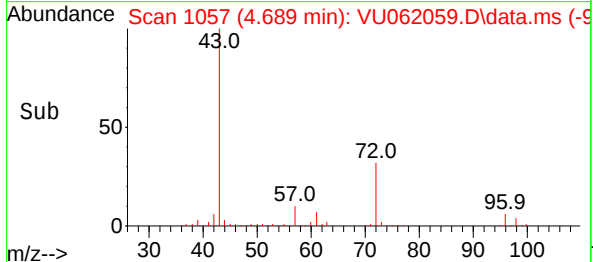
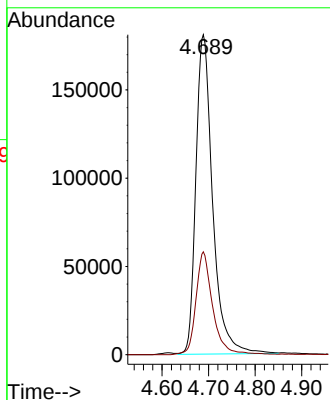
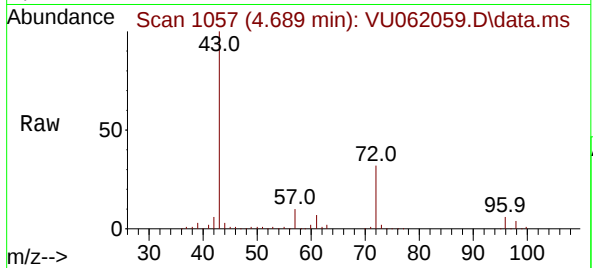




#22
2-Butanone
Concen: 450.700 ug/L
RT: 4.689 min Scan# 1057
Delta R.T. -0.004 min
Lab File: VU062059.D
Acq: 27 Nov 2024 17:08

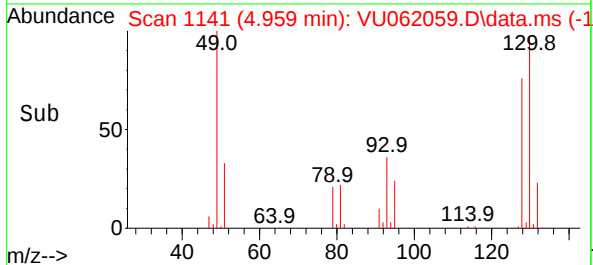
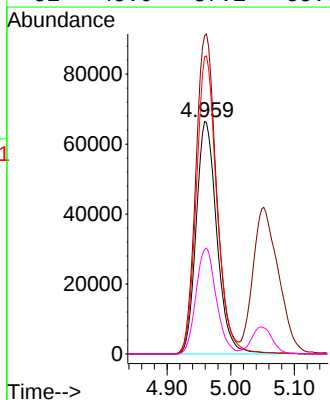
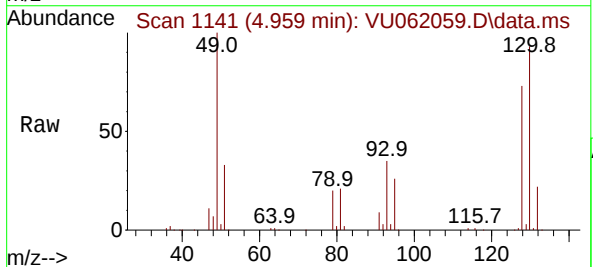
Instrument :
MSVOA_U
ClientSampleId :

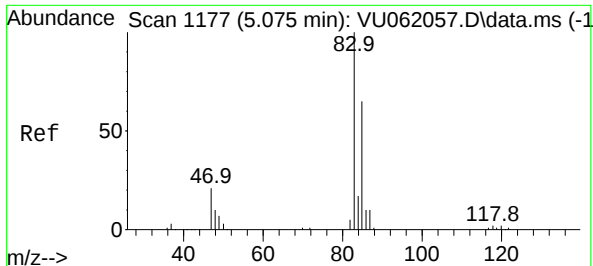
Tgt Ion: 43 Resp: 452479
Ion Ratio Lower Upper
43 100
72 32.2 15.9 47.7



#23
Bromochloromethane
Concen: 225.408 ug/L
RT: 4.959 min Scan# 1141
Delta R.T. -0.007 min
Lab File: VU062059.D
Acq: 27 Nov 2024 17:08

Tgt Ion:128 Resp: 149918
Ion Ratio Lower Upper
128 100
49 136.9 100.7 187.1
130 127.8 92.4 171.6
51 45.0 37.1 55.7





#25

Chloroform

Concen: 223.093 ug/L

RT: 5.074 min Scan# 1177

Delta R.T. -0.000 min

Lab File: VU062059.D

Acq: 27 Nov 2024 17:08

Instrument :

MSVOA_U

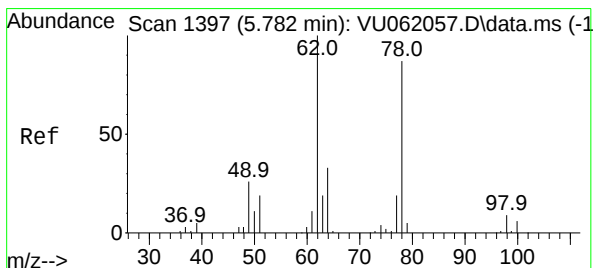
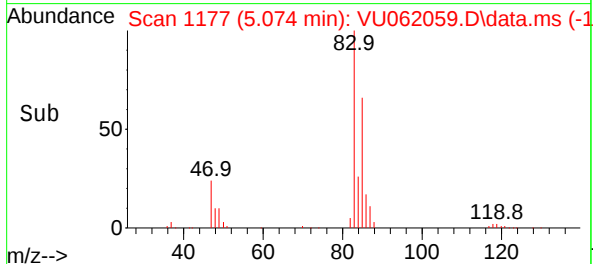
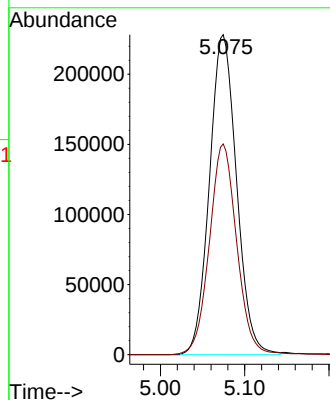
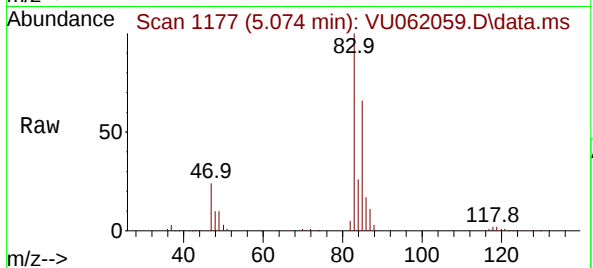
ClientSampleId :

Tgt Ion: 83 Resp: 510364

Ion Ratio Lower Upper

83 100

85 65.9 46.1 85.5



#27

1,2-Dichloroethane

Concen: 224.579 ug/L

RT: 5.779 min Scan# 1396

Delta R.T. -0.003 min

Lab File: VU062059.D

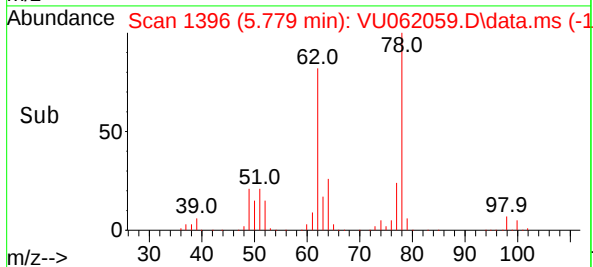
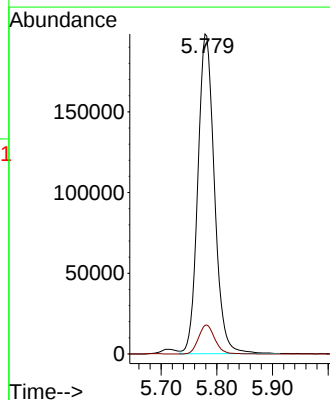
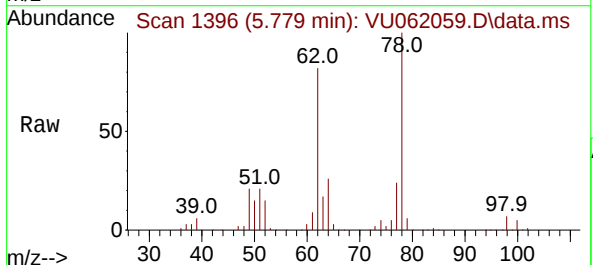
Acq: 27 Nov 2024 17:08

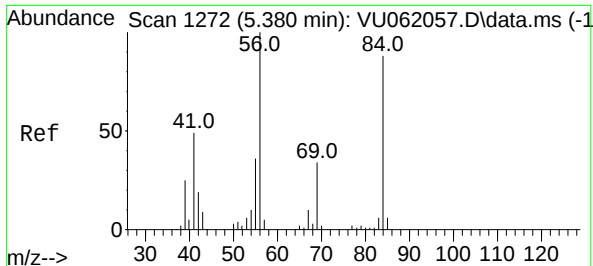
Tgt Ion: 62 Resp: 409792

Ion Ratio Lower Upper

62 100

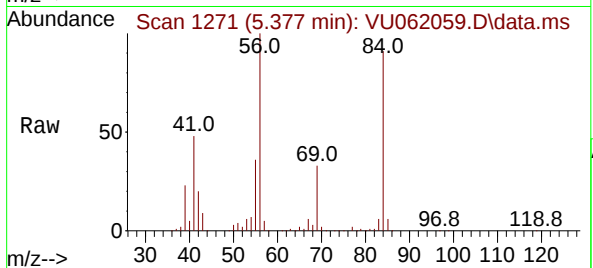
98 9.0 7.4 11.0



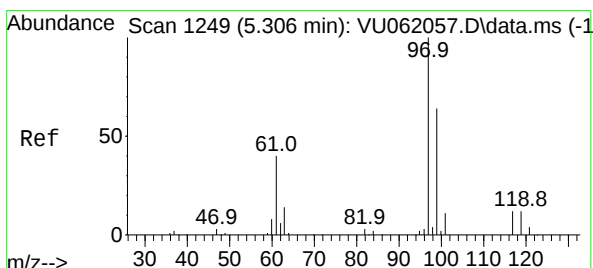
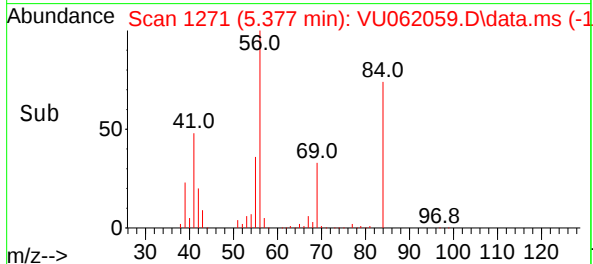
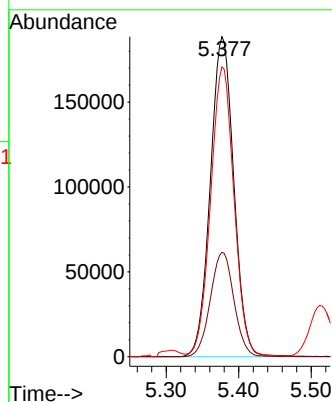


#29
Cyclohexane
Concen: 224.045 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.003 min
Lab File: VU062059.D
Acq: 27 Nov 2024 17:08

Instrument :
MSVOA_U
ClientSampleId :

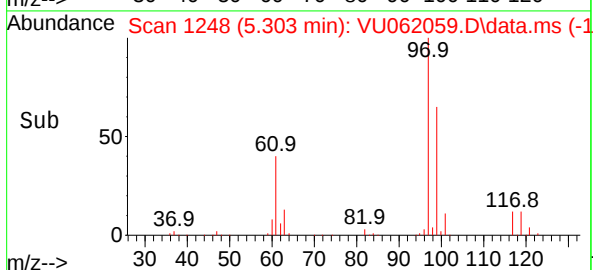
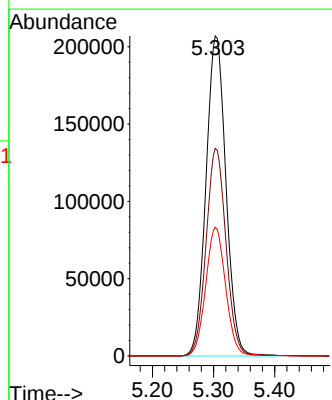
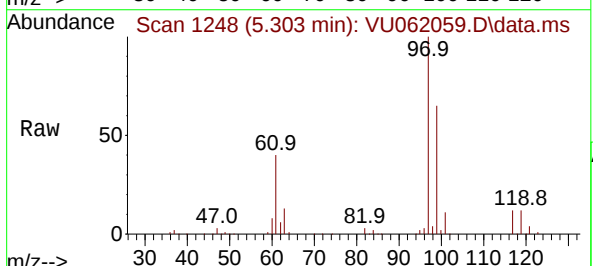


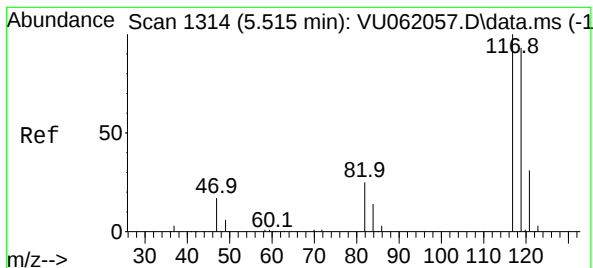
Tgt Ion: 56 Resp: 423612
Ion Ratio Lower Upper
56 100
69 32.8 27.1 40.7
84 89.6 72.1 108.1



#30
1,1,1-Trichloroethane
Concen: 238.148 ug/L
RT: 5.303 min Scan# 1248
Delta R.T. -0.004 min
Lab File: VU062059.D
Acq: 27 Nov 2024 17:08

Tgt Ion: 97 Resp: 469344
Ion Ratio Lower Upper
97 100
99 64.8 52.0 78.0
61 40.1 32.6 48.8





#31

Carbon tetrachloride

Concen: 245.142 ug/L

RT: 5.512 min Scan# 1314

Delta R.T. -0.003 min

Lab File: VU062059.D

Acq: 27 Nov 2024 17:08

Instrument :

MSVOA_U

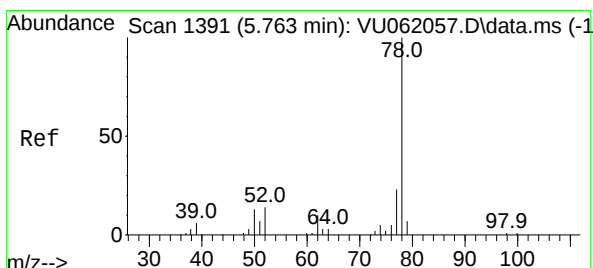
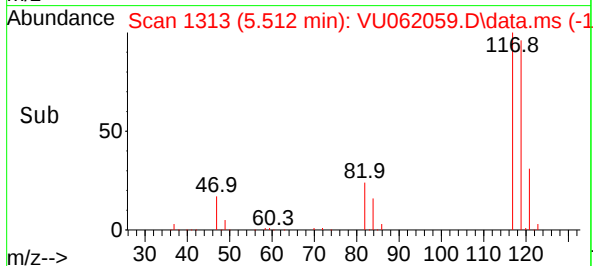
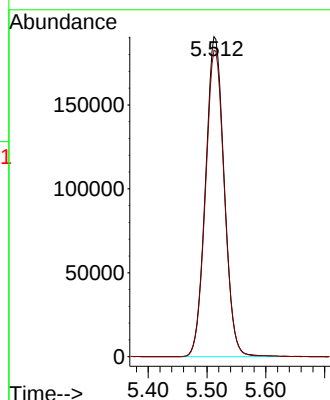
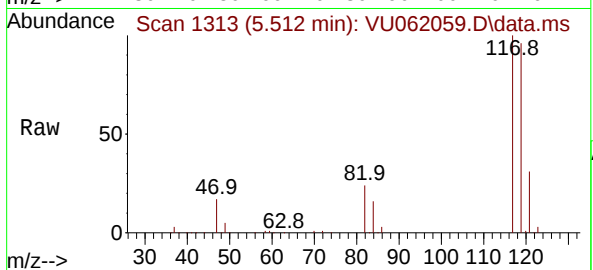
ClientSampleId :

Tgt Ion:117 Resp: 420560

Ion Ratio Lower Upper

117 100

119 96.4 77.0 115.6



#33

Benzene

Concen: 215.279 ug/L

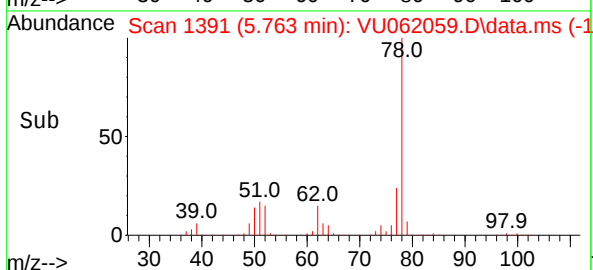
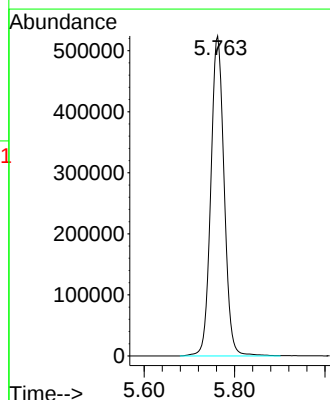
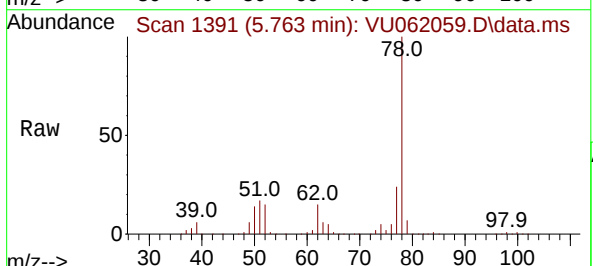
RT: 5.763 min Scan# 1391

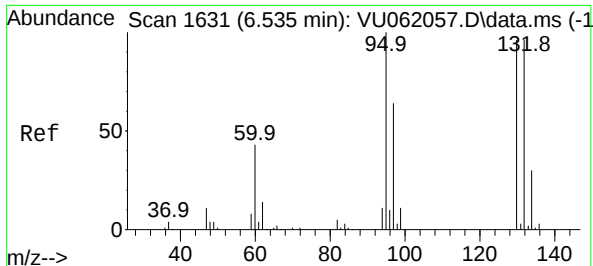
Delta R.T. -0.000 min

Lab File: VU062059.D

Acq: 27 Nov 2024 17:08

Tgt Ion: 78 Resp: 1073142





#34

Trichloroethene

Concen: 226.210 ug/L

RT: 6.531 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU062059.D

Acq: 27 Nov 2024 17:08

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 297184

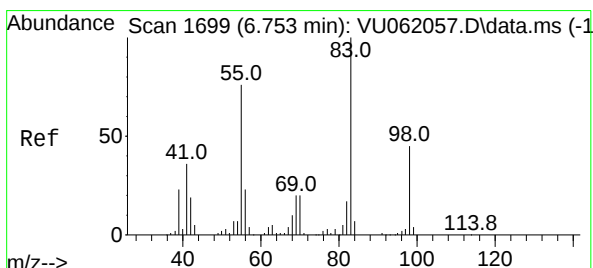
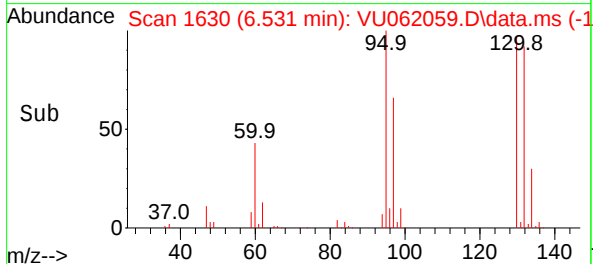
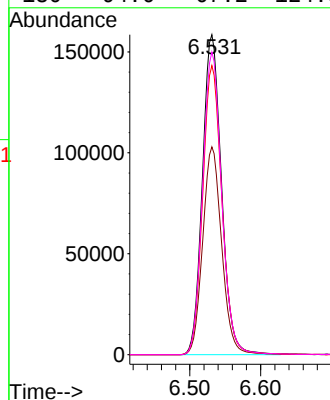
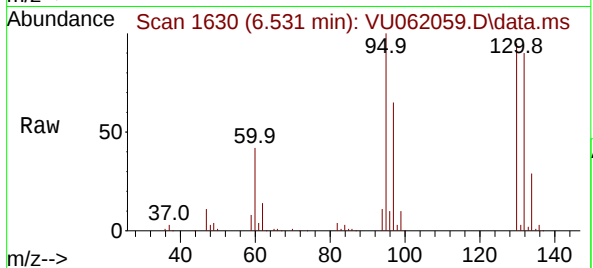
Ion Ratio Lower Upper

95 100

97 65.0 44.6 82.8

132 90.4 67.3 124.9

130 94.6 67.2 124.8



#35

Methylcyclohexane

Concen: 225.339 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. -0.000 min

Lab File: VU062059.D

Acq: 27 Nov 2024 17:08

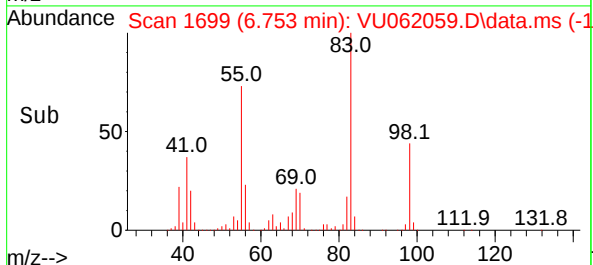
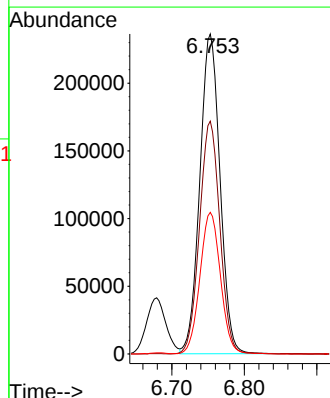
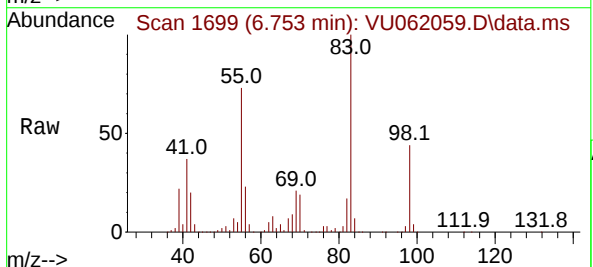
Tgt Ion: 83 Resp: 457586

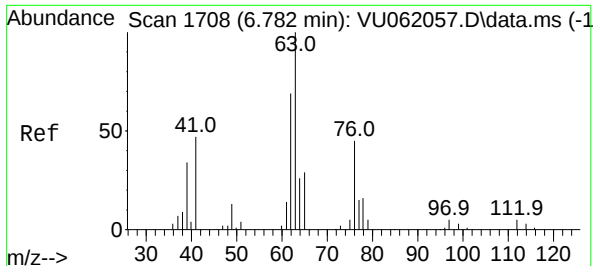
Ion Ratio Lower Upper

83 100

55 73.4 60.1 90.1

98 45.0 35.8 53.8

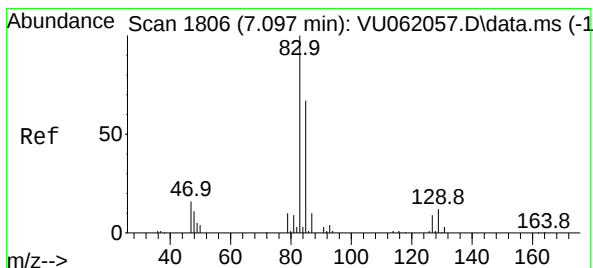
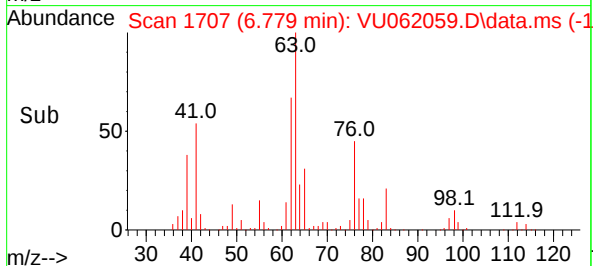
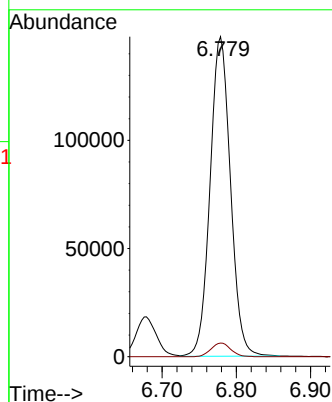
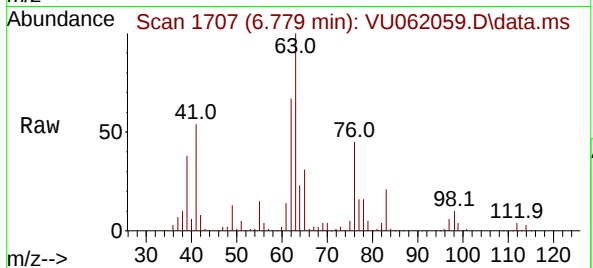




#37
1,2-Dichloropropane
Concen: 213.107 ug/L
RT: 6.779 min Scan# 1
Delta R.T. -0.004 min
Lab File: VU062059.D
Acq: 27 Nov 2024 17:08

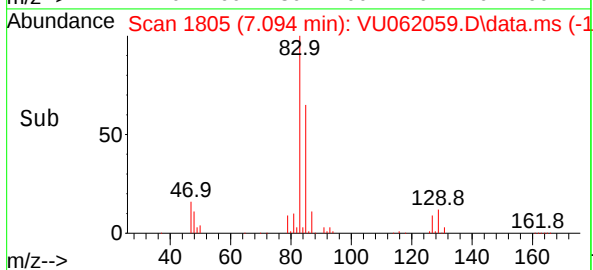
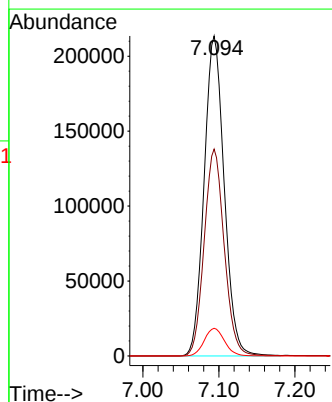
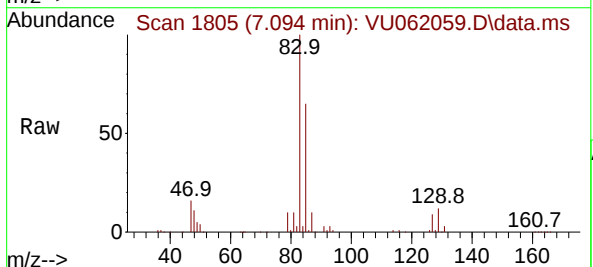
Instrument :
MSVOA_U
ClientSampleId :

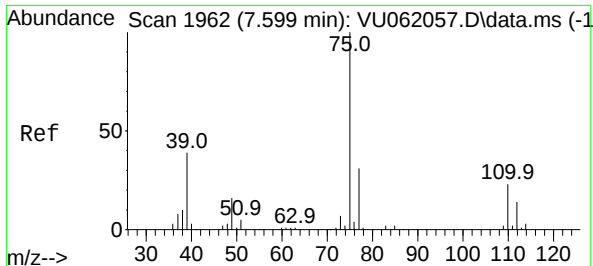
Tgt Ion: 63 Resp: 281949
Ion Ratio Lower Upper
63 100
112 4.1 3.1 4.7



#38
Bromodichloromethane
Concen: 230.149 ug/L
RT: 7.094 min Scan# 1805
Delta R.T. -0.003 min
Lab File: VU062059.D
Acq: 27 Nov 2024 17:08

Tgt Ion: 83 Resp: 391935
Ion Ratio Lower Upper
83 100
85 64.6 46.8 87.0
127 8.6 6.8 10.2

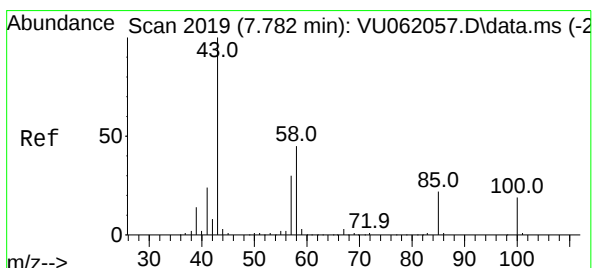
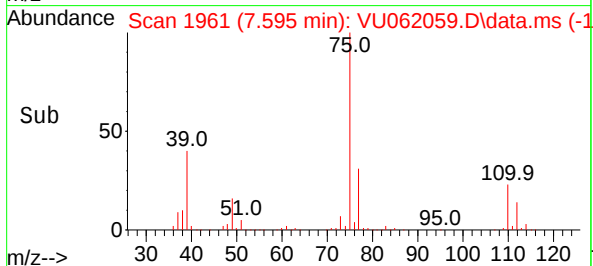
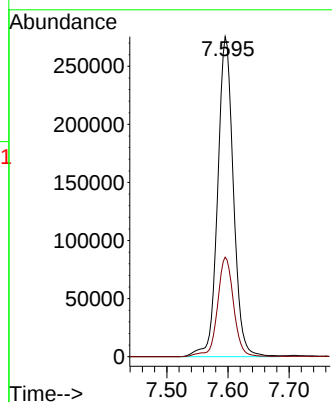
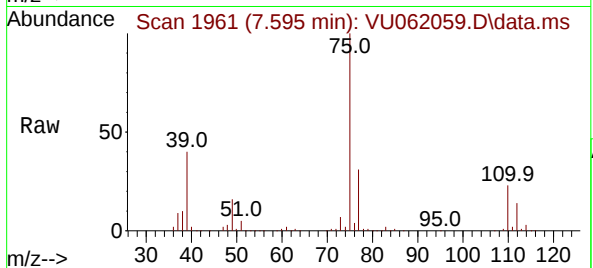




#39
 cis-1,3-Dichloropropene
 Concen: 233.619 ug/L
 RT: 7.595 min Scan# 1961
 Delta R.T. -0.003 min
 Lab File: VU062059.D
 Acq: 27 Nov 2024 17:08

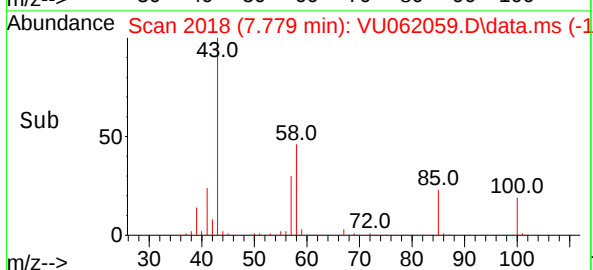
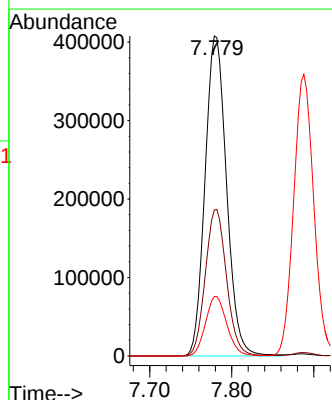
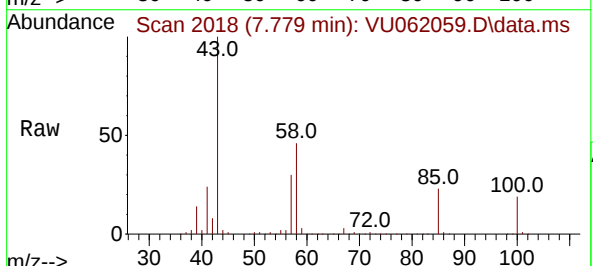
Instrument :
 MSVOA_U
 ClientSampleId :

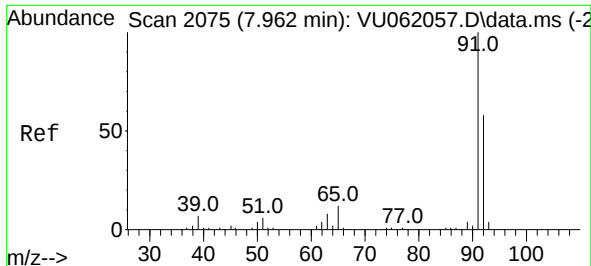
Tgt Ion: 75 Resp: 493576
 Ion Ratio Lower Upper
 75 100
 77 31.1 21.6 40.2



#40
 4-Methyl-2-pentanone
 Concen: 418.458 ug/L
 RT: 7.779 min Scan# 2018
 Delta R.T. -0.003 min
 Lab File: VU062059.D
 Acq: 27 Nov 2024 17:08

Tgt Ion: 43 Resp: 743215
 Ion Ratio Lower Upper
 43 100
 58 45.3 35.7 53.5
 100 18.4 14.6 21.8





#42

Toluene

Concen: 214.922 ug/L

RT: 7.959 min Scan# 2075

Delta R.T. -0.003 min

Lab File: VU062059.D

Acq: 27 Nov 2024 17:08

Instrument :

MSVOA_U

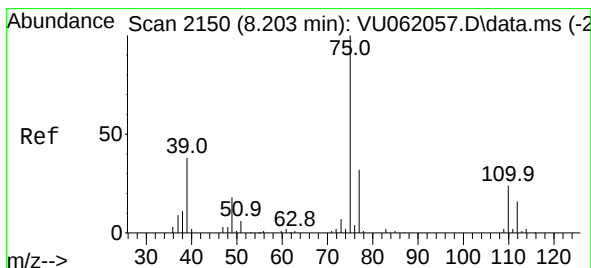
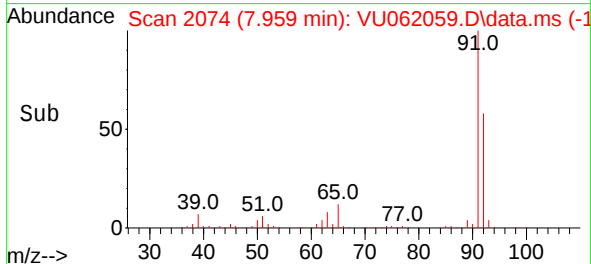
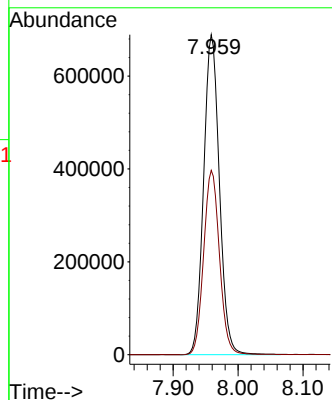
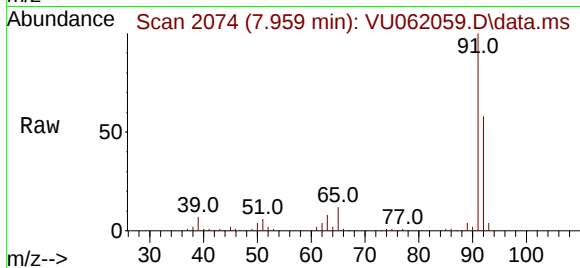
ClientSampleId :

Tgt Ion: 91 Resp: 1164610

Ion Ratio Lower Upper

91 100

92 57.6 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 234.696 ug/L

RT: 8.200 min Scan# 2149

Delta R.T. -0.004 min

Lab File: VU062059.D

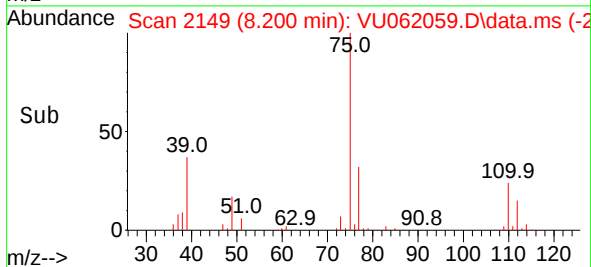
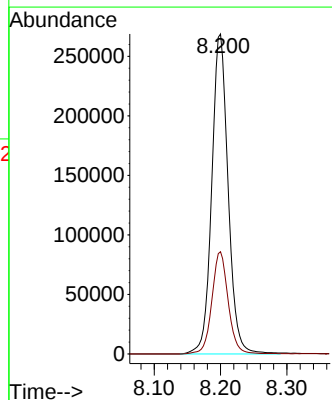
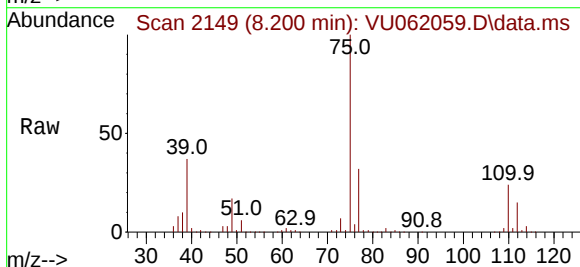
Acq: 27 Nov 2024 17:08

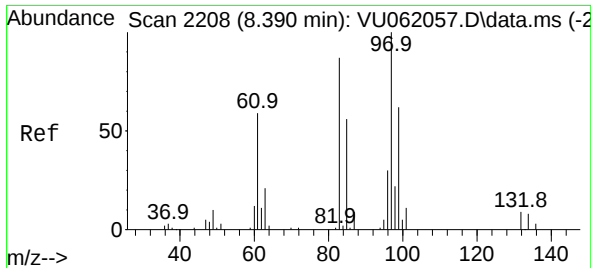
Tgt Ion: 75 Resp: 461252

Ion Ratio Lower Upper

75 100

77 32.0 22.4 41.6

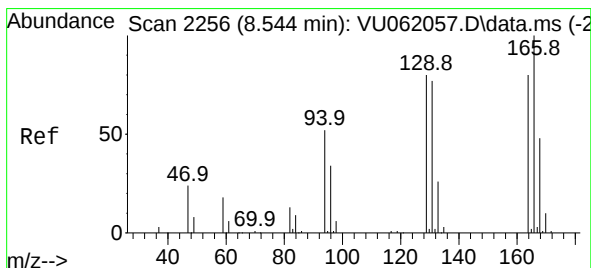
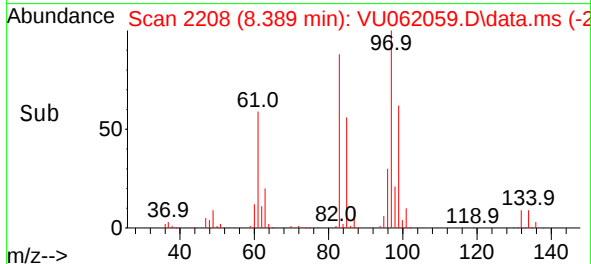
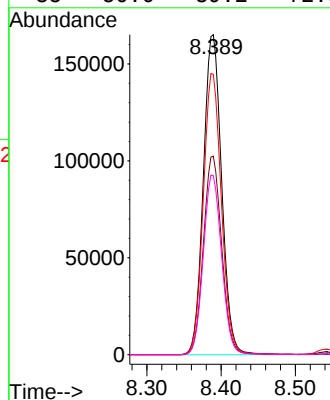
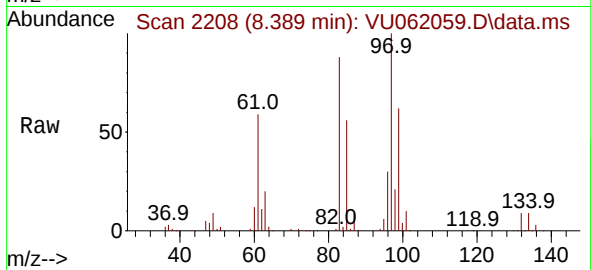




#45
1,1,2-Trichloroethane
Concen: 212.747 ug/L
RT: 8.389 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU062059.D
Acq: 27 Nov 2024 17:08

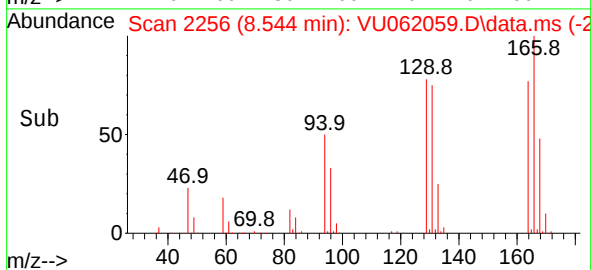
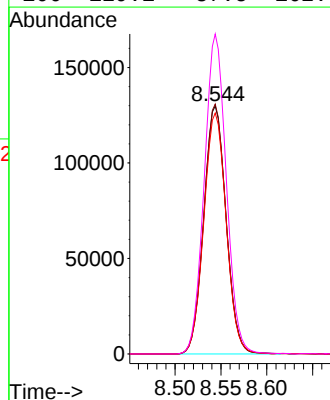
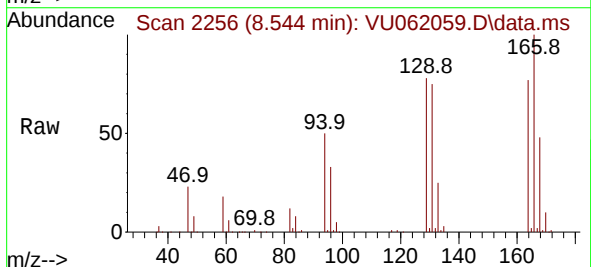
Instrument :
MSVOA_U
ClientSampleId :

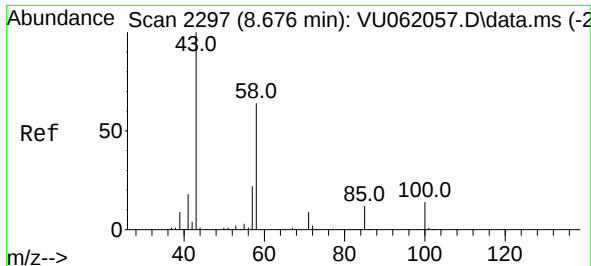
Tgt Ion:	97	Resp:	282184
Ion	Ratio	Lower	Upper
97	100		
99	62.0	43.5	80.7
83	87.6	60.8	113.0
85	56.0	39.2	72.8



#46
Tetrachloroethene
Concen: 228.612 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU062059.D
Acq: 27 Nov 2024 17:08

Tgt Ion:	164	Resp:	220053
Ion	Ratio	Lower	Upper
164	100		
129	100.8	70.4	130.8
131	97.2	67.8	125.8
166	129.1	87.5	162.5

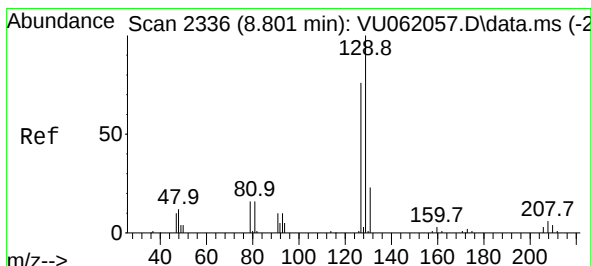
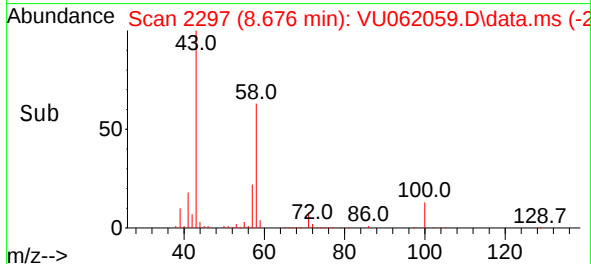
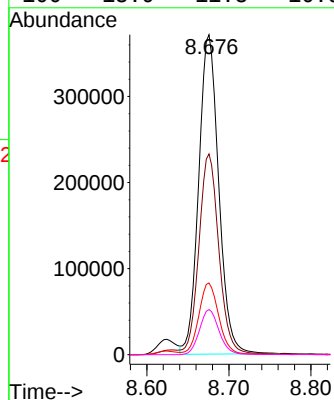
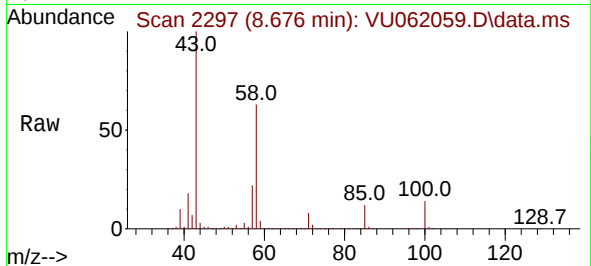




#48
2-Hexanone
Concen: 436.215 ug/L
RT: 8.676 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU062059.D
Acq: 27 Nov 2024 17:08

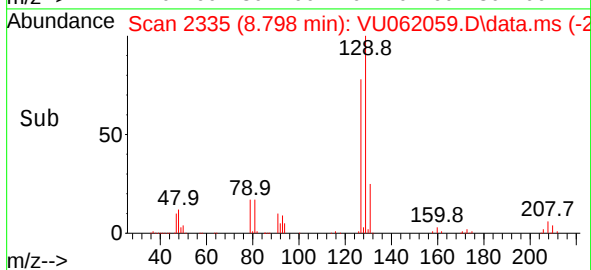
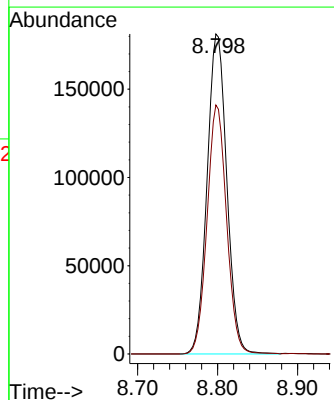
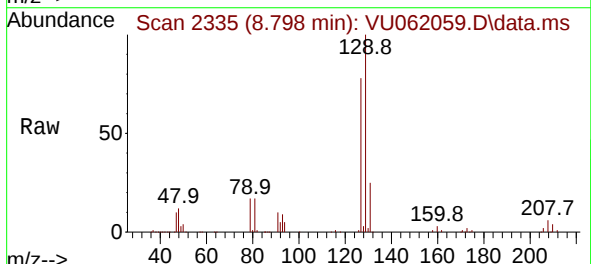
Instrument :
MSVOA_U
ClientSampleId :

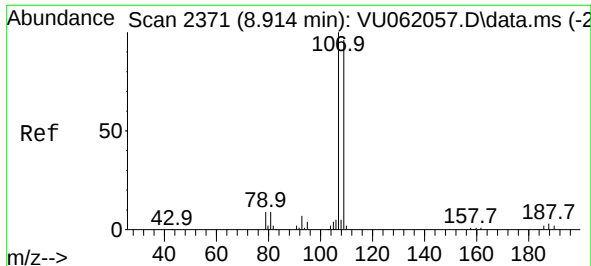
Tgt Ion:	43	Resp:	629319
Ion	Ratio	Lower	Upper
43	100		
58	62.7	51.7	77.5
57	22.5	18.5	27.7
100	13.9	11.3	16.9



#49
Dibromochloromethane
Concen: 234.410 ug/L
RT: 8.798 min Scan# 2335
Delta R.T. -0.004 min
Lab File: VU062059.D
Acq: 27 Nov 2024 17:08

Tgt Ion:	129	Resp:	310818
Ion	Ratio	Lower	Upper
129	100		
127	77.8	53.3	99.1





#50

1,2-Dibromoethane

Concen: 213.649 ug/L

RT: 8.914 min Scan# 2371

Delta R.T. -0.000 min

Lab File: VU062059.D

Acq: 27 Nov 2024 17:08

Instrument :

MSVOA_U

ClientSampleId :

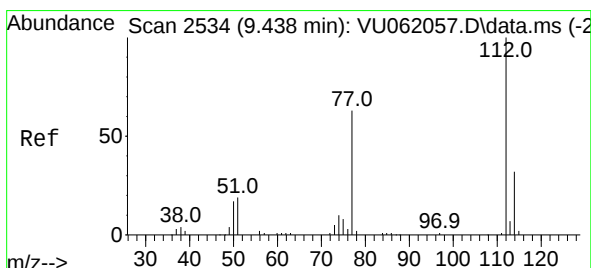
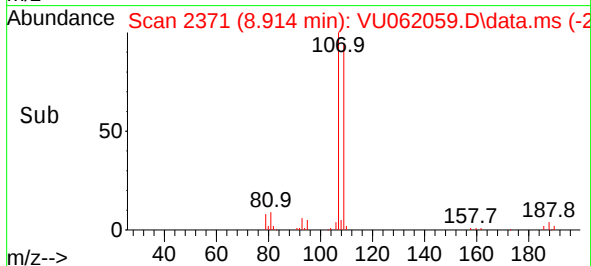
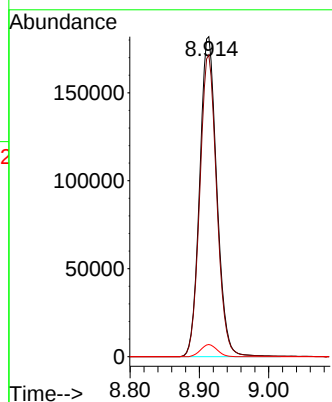
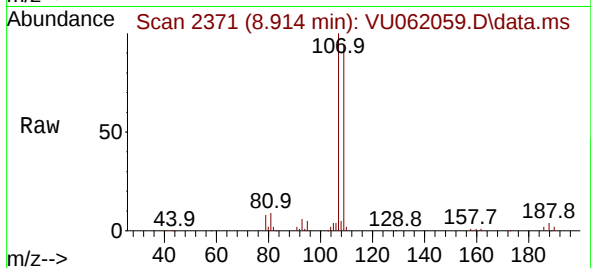
Tgt Ion:107 Resp: 312343

Ion Ratio Lower Upper

107 100

109 94.3 67.1 124.7

188 3.9 2.6 4.0



#51

Chlorobenzene

Concen: 210.564 ug/L

RT: 9.438 min Scan# 2534

Delta R.T. -0.000 min

Lab File: VU062059.D

Acq: 27 Nov 2024 17:08

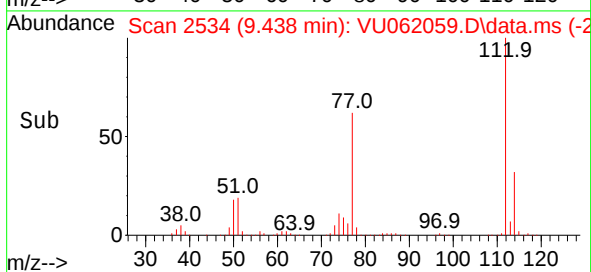
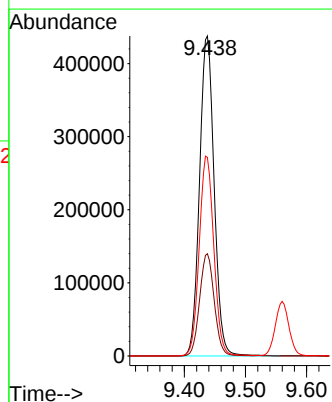
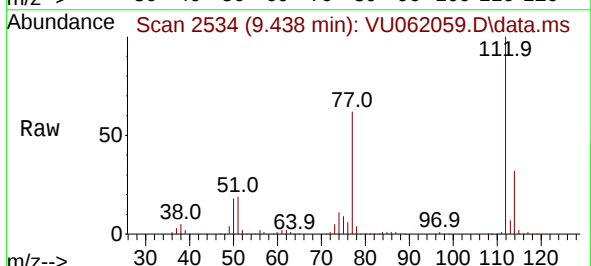
Tgt Ion:112 Resp: 727065

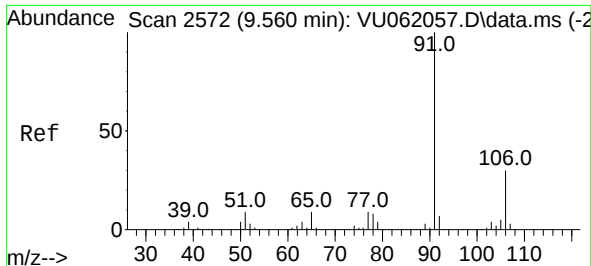
Ion Ratio Lower Upper

112 100

114 31.9 22.0 41.0

77 62.0 50.8 76.2

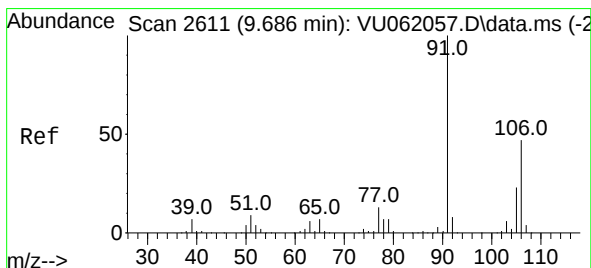
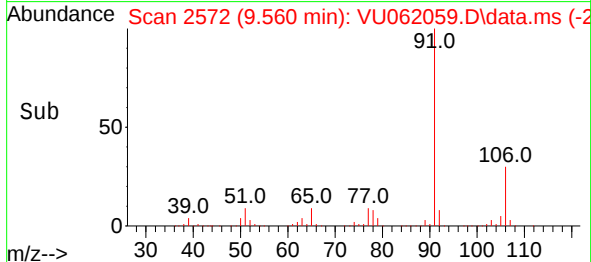
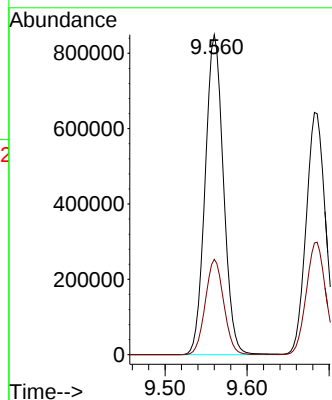
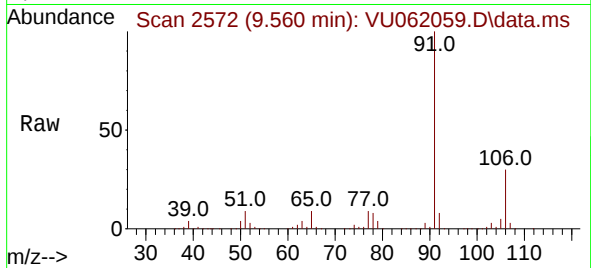




#52
Ethylbenzene
Concen: 223.628 ug/L
RT: 9.560 min Scan# 2572
Delta R.T. -0.000 min
Lab File: VU062059.D
Acq: 27 Nov 2024 17:08

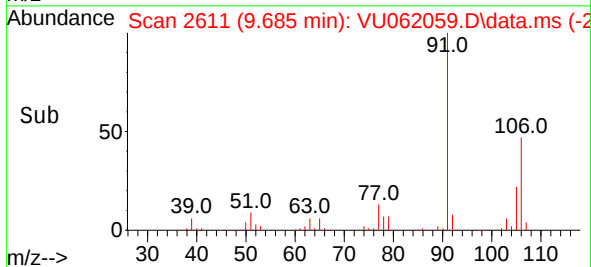
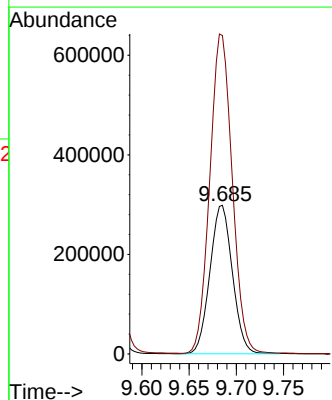
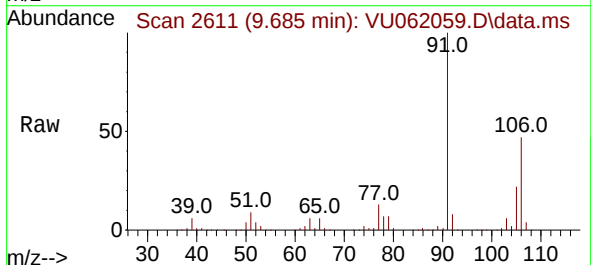
Instrument :
MSVOA_U
ClientSampleId :

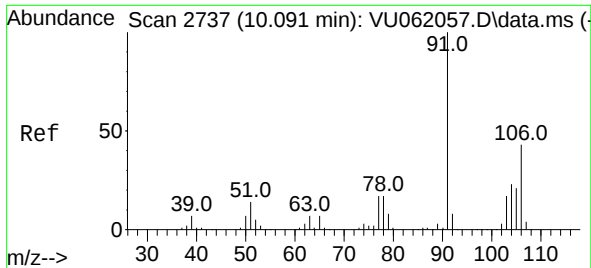
Tgt Ion: 91 Resp: 1315926
Ion Ratio Lower Upper
91 100
106 29.8 20.8 38.6



#53
m,p-Xylene
Concen: 220.433 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU062059.D
Acq: 27 Nov 2024 17:08

Tgt Ion:106 Resp: 492530
Ion Ratio Lower Upper
106 100
91 214.3 147.9 274.7

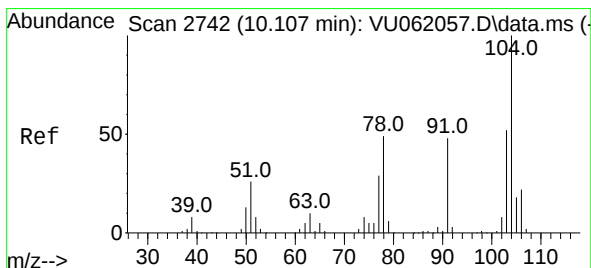
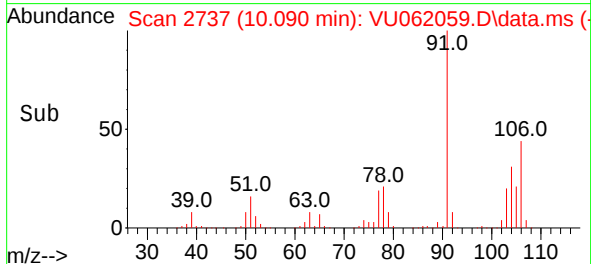
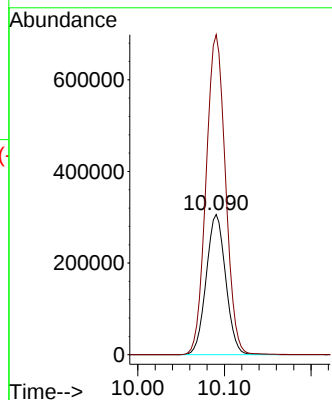
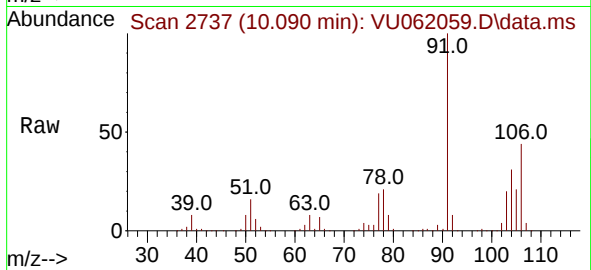




#54
o-Xylene
Concen: 217.254 ug/L
RT: 10.090 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU062059.D
Acq: 27 Nov 2024 17:08

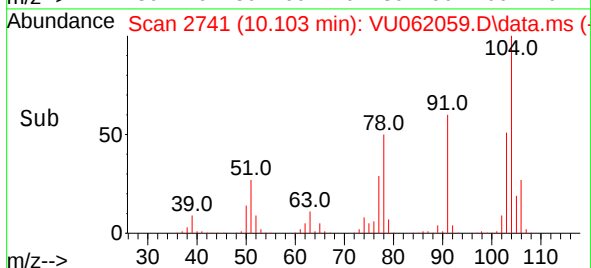
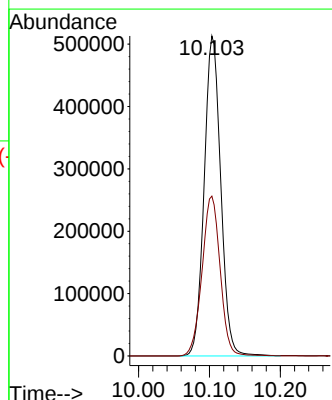
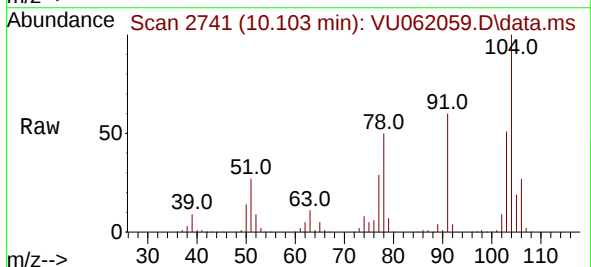
Instrument :
MSVOA_U
ClientSampleId :

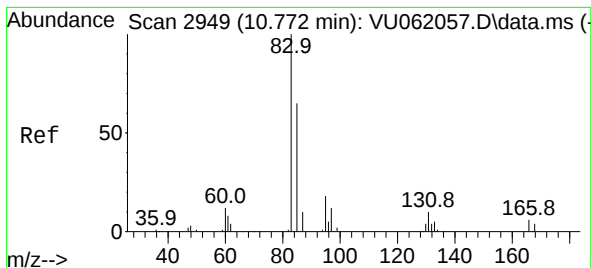
Tgt Ion:106 Resp: 478238
Ion Ratio Lower Upper
106 100
91 228.2 161.0 299.0



#55
Styrene
Concen: 230.733 ug/L
RT: 10.103 min Scan# 2741
Delta R.T. -0.004 min
Lab File: VU062059.D
Acq: 27 Nov 2024 17:08

Tgt Ion:104 Resp: 834149
Ion Ratio Lower Upper
104 100
78 49.9 34.5 64.1





#57

1,1,2,2-Tetrachloroethane

Concen: 205.765 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. -0.000 min

Lab File: VU062059.D

Acq: 27 Nov 2024 17:08

Instrument :

MSVOA_U

ClientSampleId :

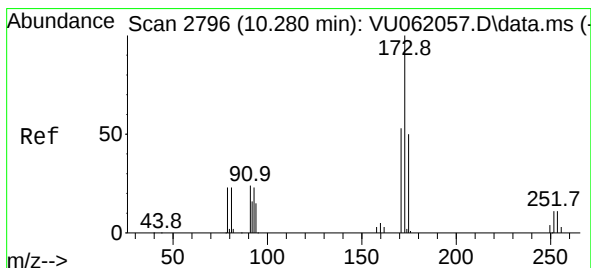
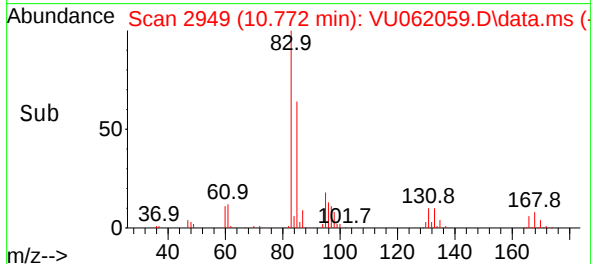
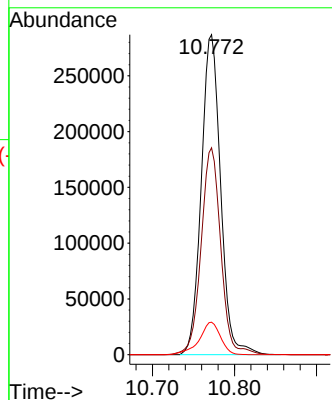
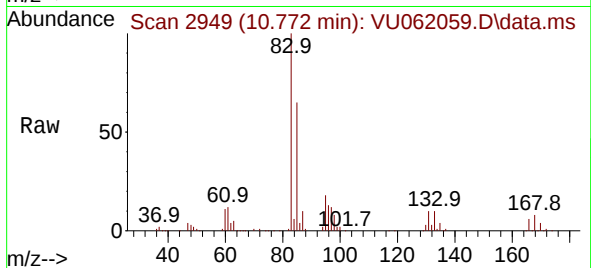
Tgt Ion: 83 Resp: 469266

Ion Ratio Lower Upper

83 100

85 64.7 46.5 86.3

131 10.2 8.4 12.6



#59

Bromoform

Concen: 234.770 ug/L

RT: 10.280 min Scan# 2796

Delta R.T. -0.000 min

Lab File: VU062059.D

Acq: 27 Nov 2024 17:08

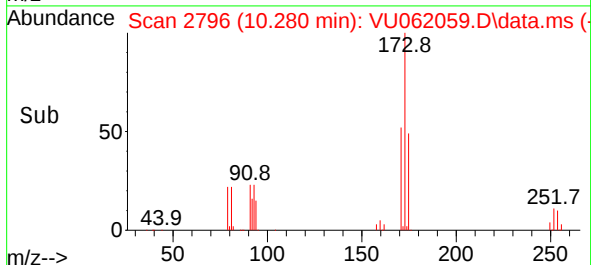
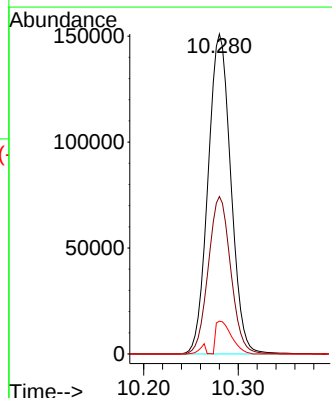
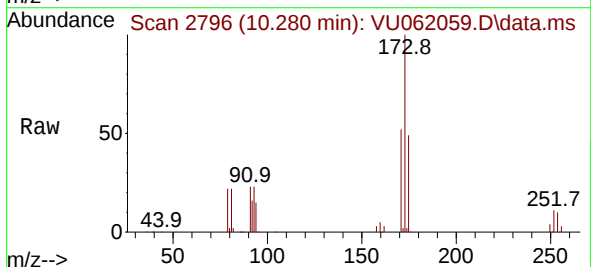
Tgt Ion:173 Resp: 252994

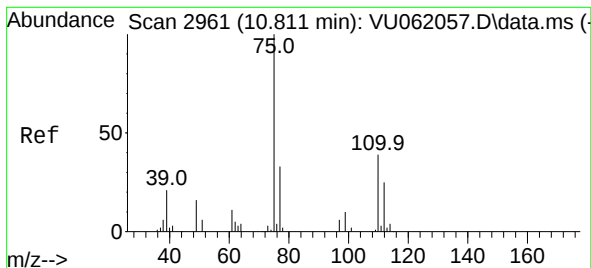
Ion Ratio Lower Upper

173 100

175 48.3 39.2 58.8

254 7.1 1.7 2.5#





#60

1,2,3-Trichloropropane

Concen: 194.523 ug/L

RT: 10.811 min Scan# 2961

Delta R.T. -0.000 min

Lab File: VU062059.D

Acq: 27 Nov 2024 17:08

Instrument :

MSVOA_U

ClientSampleId :

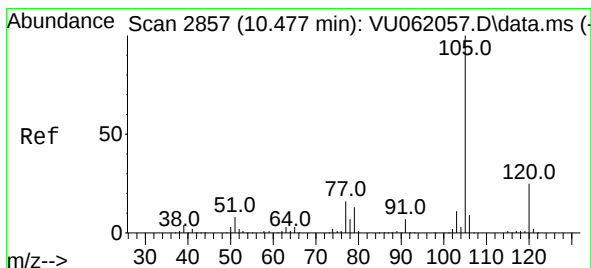
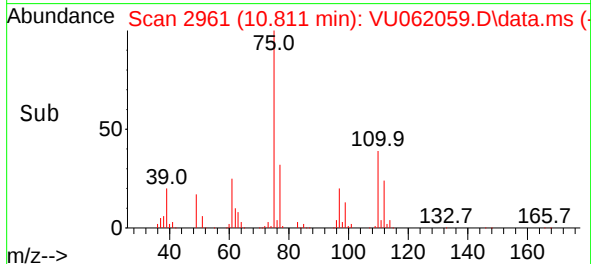
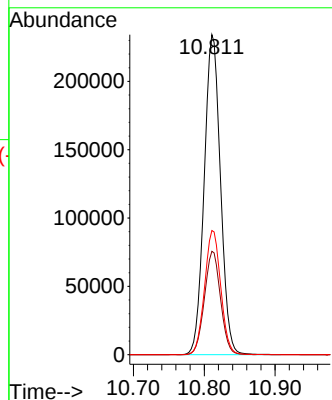
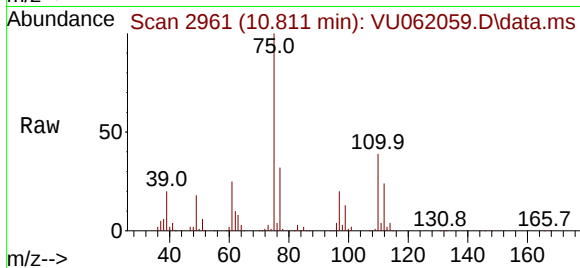
Tgt Ion: 75 Resp: 373453

Ion Ratio Lower Upper

75 100

77 32.0 26.2 39.4

110 38.5 30.7 46.1



#61

Isopropylbenzene

Concen: 215.160 ug/L

RT: 10.473 min Scan# 2856

Delta R.T. -0.003 min

Lab File: VU062059.D

Acq: 27 Nov 2024 17:08

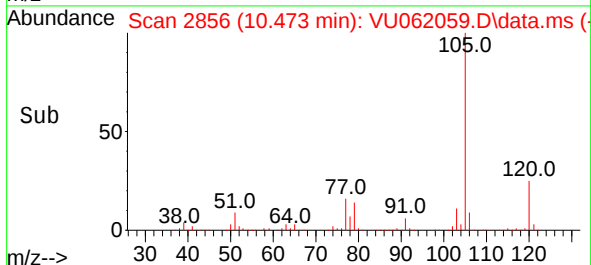
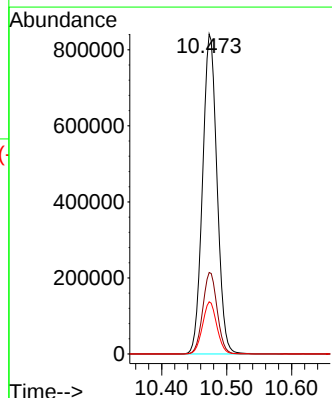
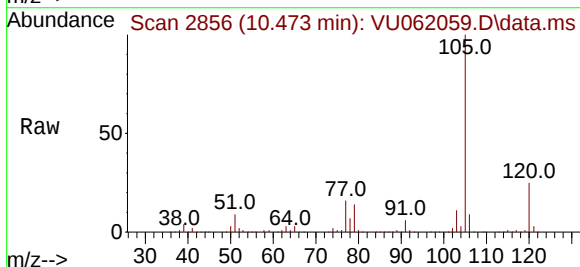
Tgt Ion:105 Resp: 1303293

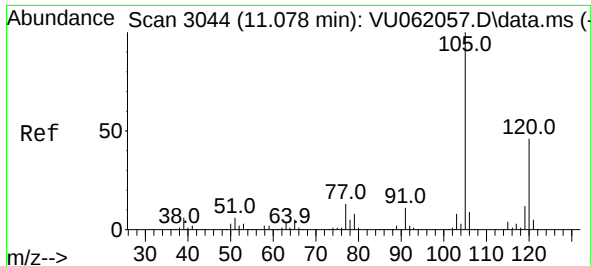
Ion Ratio Lower Upper

105 100

120 25.5 20.0 30.0

77 16.2 13.1 19.7





#62

1,3,5-Trimethylbenzene

Concen: 228.897 ug/L

RT: 11.077 min Scan# 3044

Delta R.T. -0.000 min

Lab File: VU062059.D

Acq: 27 Nov 2024 17:08

Instrument :

MSVOA_U

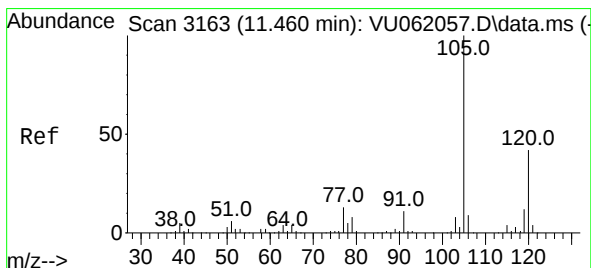
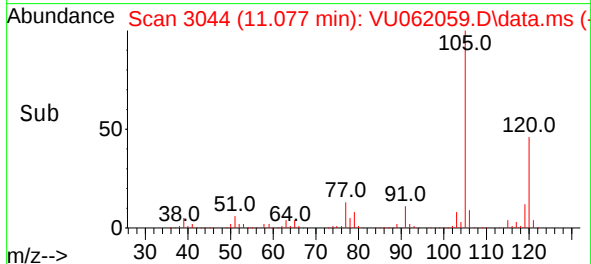
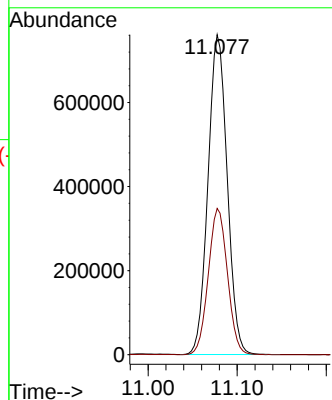
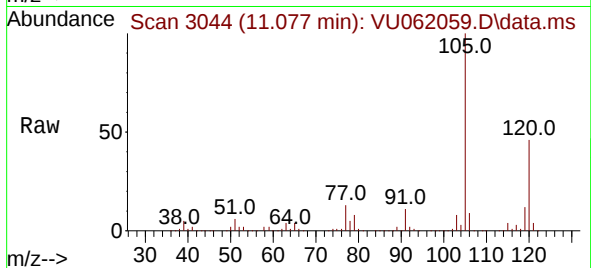
ClientSampleId :

Tgt Ion:105 Resp: 1136211

Ion Ratio Lower Upper

105 100

120 45.7 37.0 55.6



#63

1,2,4-Trimethylbenzene

Concen: 230.162 ug/L

RT: 11.457 min Scan# 3162

Delta R.T. -0.003 min

Lab File: VU062059.D

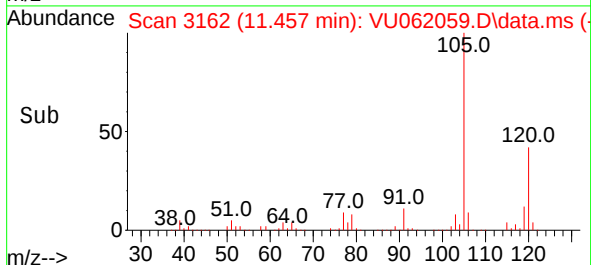
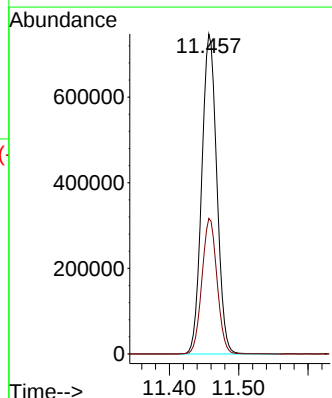
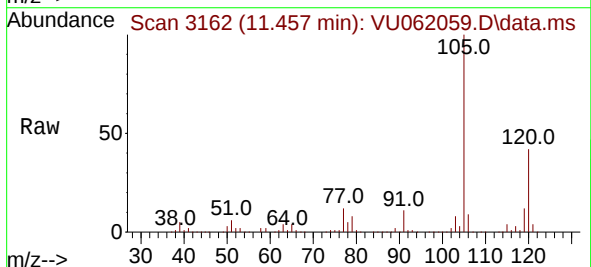
Acq: 27 Nov 2024 17:08

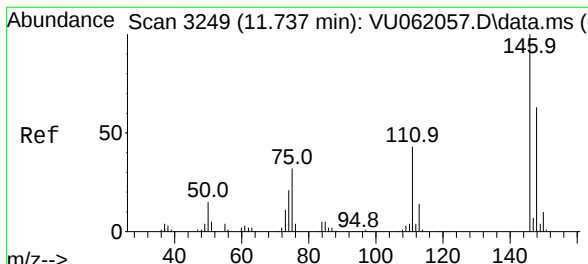
Tgt Ion:105 Resp: 1126369

Ion Ratio Lower Upper

105 100

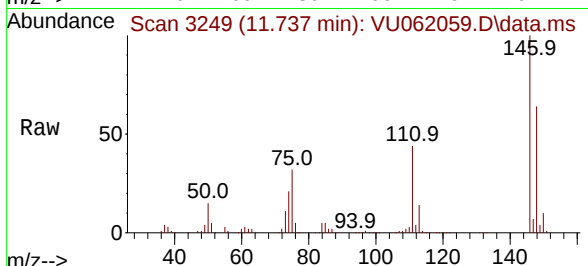
120 42.4 33.8 50.8



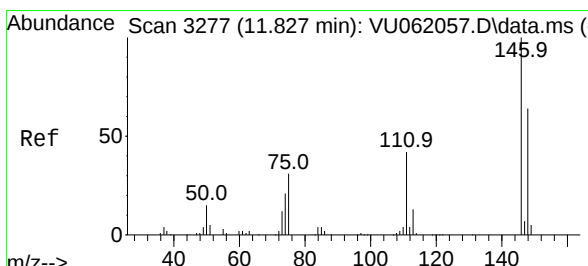
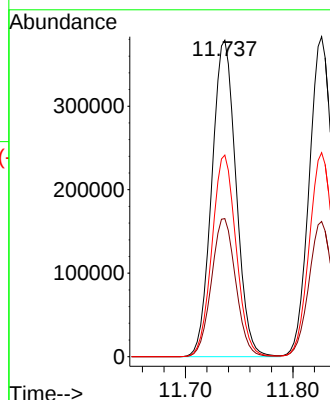
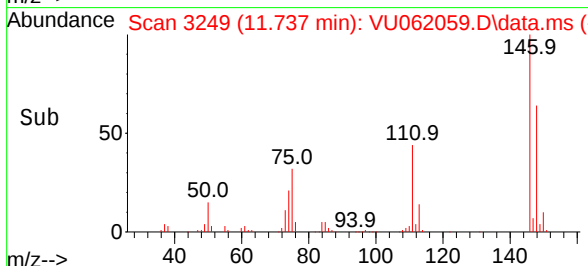


#64
 1,3-Dichlorobenzene
 Concen: 217.437 ug/L
 RT: 11.737 min Scan# 3249
 Delta R.T. -0.000 min
 Lab File: VU062059.D
 Acq: 27 Nov 2024 17:08

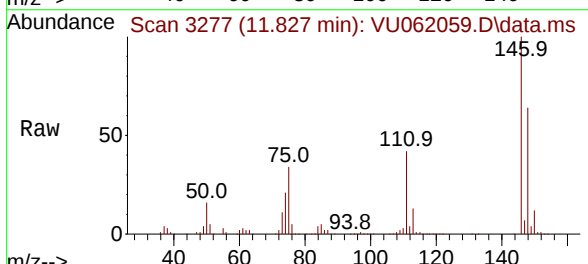
Instrument :
 MSVOA_U
 ClientSampleId :



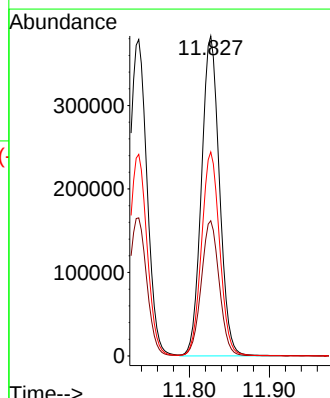
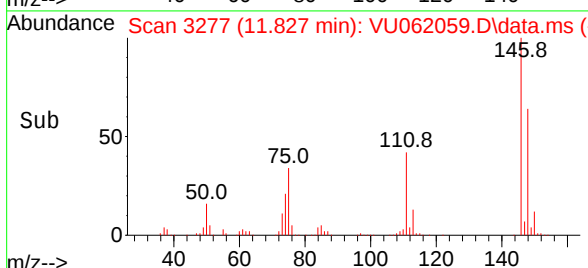
Tgt Ion:146 Resp: 593490
 Ion Ratio Lower Upper
 146 100
 111 43.6 29.8 55.4
 148 63.7 44.4 82.5

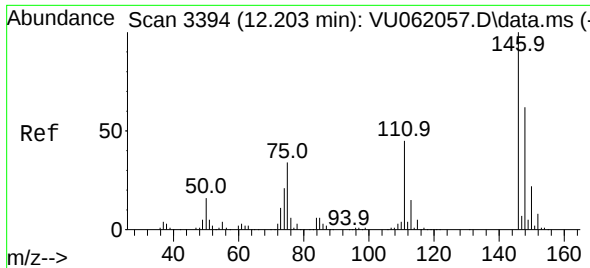


#65
 1,4-Dichlorobenzene
 Concen: 216.619 ug/L
 RT: 11.827 min Scan# 3277
 Delta R.T. -0.000 min
 Lab File: VU062059.D
 Acq: 27 Nov 2024 17:08



Tgt Ion:146 Resp: 599057
 Ion Ratio Lower Upper
 146 100
 111 42.3 29.4 54.6
 148 63.7 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 215.543 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. -0.000 min

Lab File: VU062059.D

Acq: 27 Nov 2024 17:08

Instrument :

MSVOA_U

ClientSampleId :

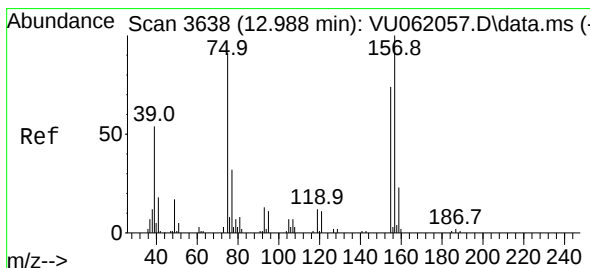
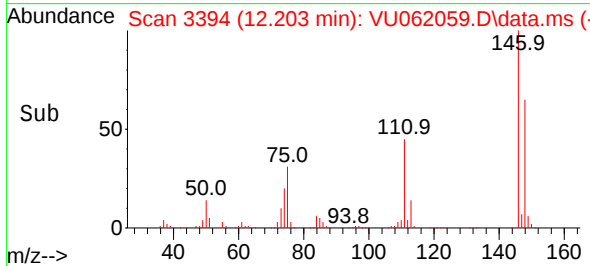
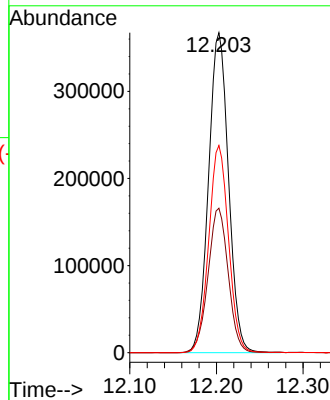
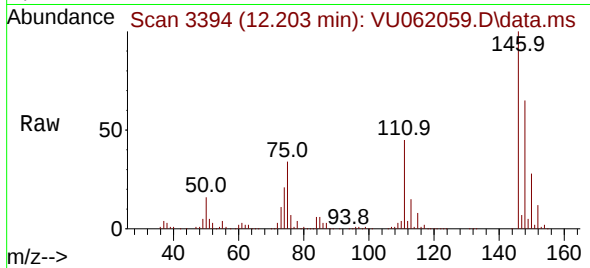
Tgt Ion:146 Resp: 587476

Ion Ratio Lower Upper

146 100

111 45.2 36.1 54.1

148 64.7 49.8 74.6



#68

1,2-Dibromo-3-chloropropane

Concen: 231.545 ug/L

RT: 12.984 min Scan# 3637

Delta R.T. -0.004 min

Lab File: VU062059.D

Acq: 27 Nov 2024 17:08

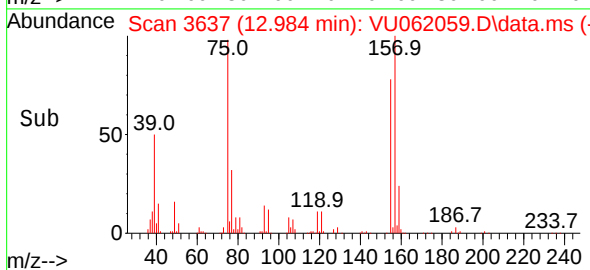
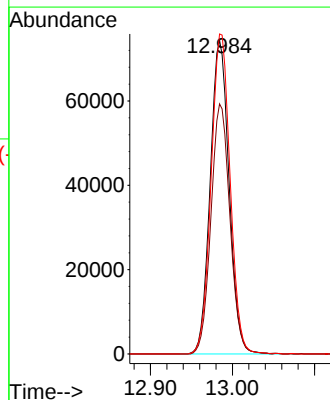
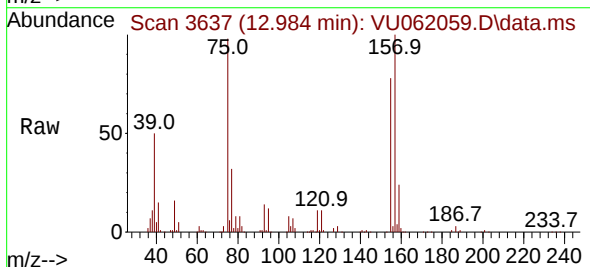
Tgt Ion: 75 Resp: 118897

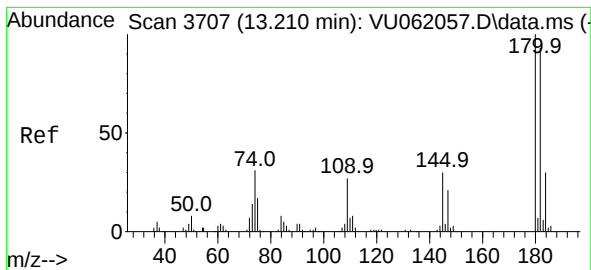
Ion Ratio Lower Upper

75 100

155 79.7 65.1 97.7

157 102.0 91.2 136.8





#69

1,3,5-Trichlorobenzene

Concen: 237.344 ug/L

RT: 13.209 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU062059.D

Acq: 27 Nov 2024 17:08

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 436334

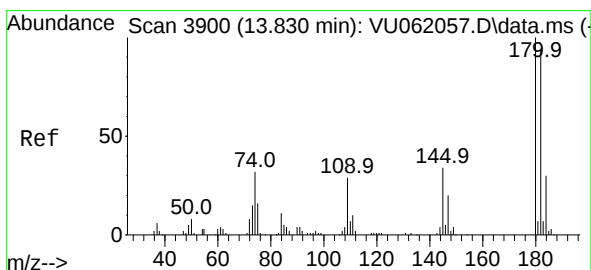
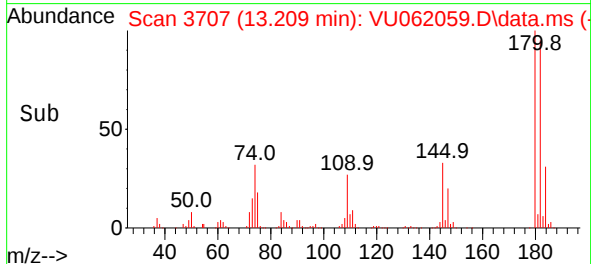
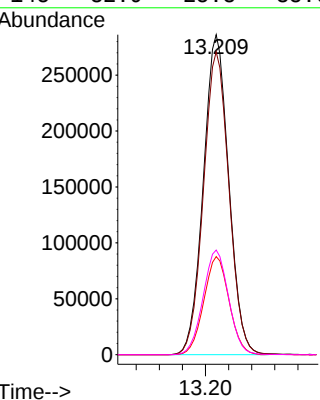
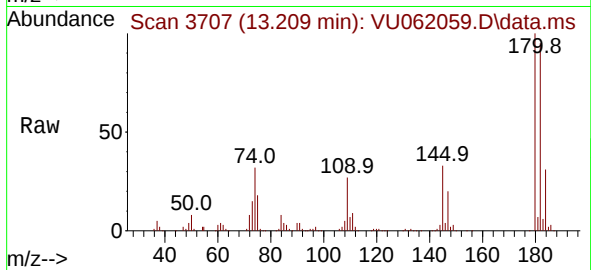
Ion Ratio Lower Upper

180 100

182 95.0 74.6 112.0

184 30.5 24.2 36.2

145 32.9 25.8 38.6



#70

1,2,4-trichlorobenzene

Concen: 260.755 ug/L

RT: 13.830 min Scan# 3900

Delta R.T. -0.000 min

Lab File: VU062059.D

Acq: 27 Nov 2024 17:08

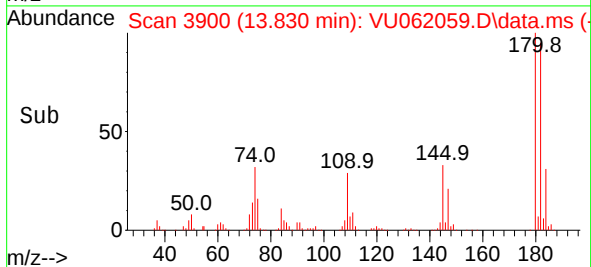
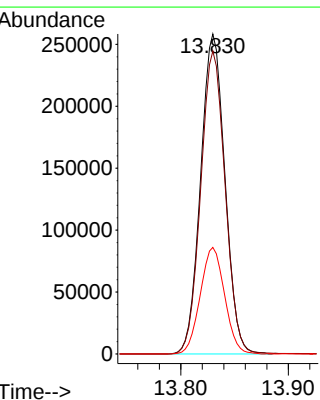
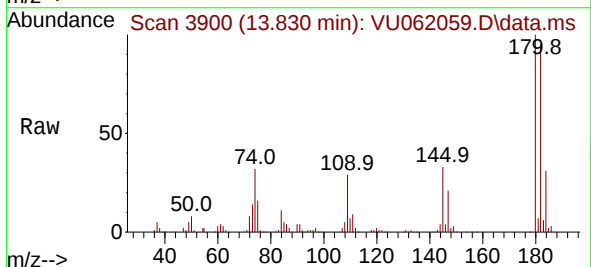
Tgt Ion:180 Resp: 405454

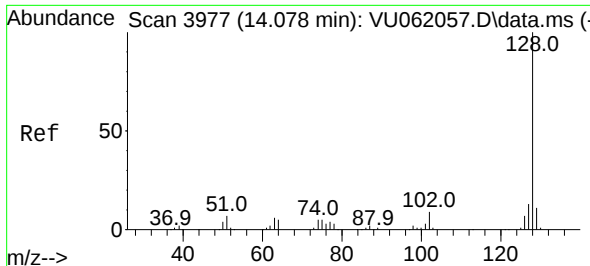
Ion Ratio Lower Upper

180 100

182 95.1 76.6 114.8

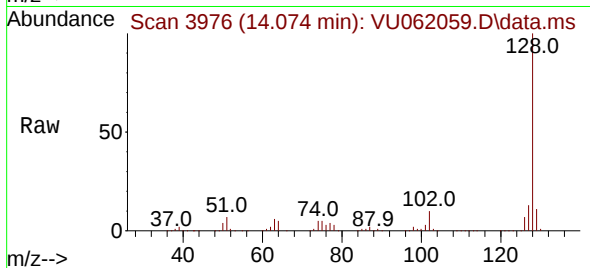
145 33.4 27.1 40.7



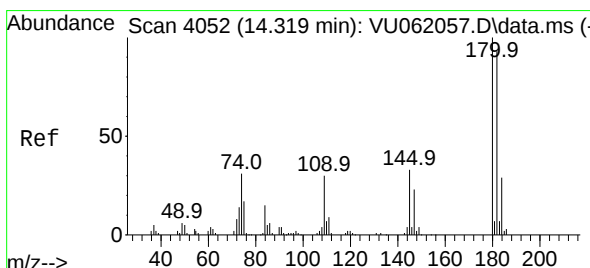
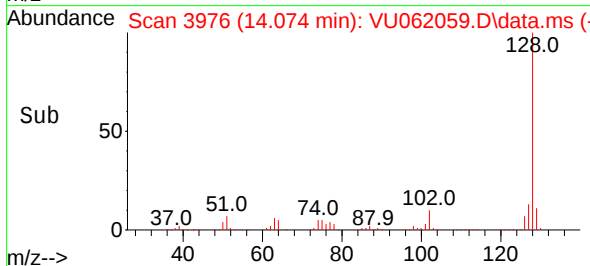
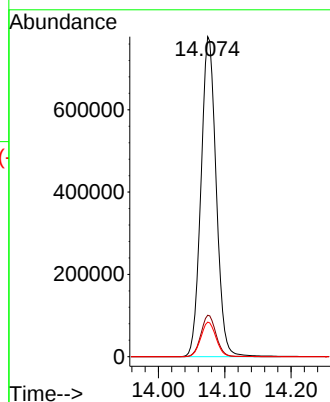


#71
Naphthalene
Concen: 254.450 ug/L
RT: 14.074 min Scan# 3976
Delta R.T. -0.004 min
Lab File: VU062059.D
Acq: 27 Nov 2024 17:08

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 1239410
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 255.218 ug/L
RT: 14.319 min Scan# 4052
Delta R.T. -0.000 min
Lab File: VU062059.D
Acq: 27 Nov 2024 17:08

Tgt Ion:180 Resp: 389739
Ion Ratio Lower Upper
180 100
182 95.6 75.8 113.6
145 35.1 27.4 41.0

