

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111924\
 Data File : VU061853.D
 Acq On : 19 Nov 2024 14:38
 Operator : MD/SY
 Sample : VSTD020
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 20 00:28:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 20 00:25:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	213288	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	254867	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	108841	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	186141	14.471	ug/L	0.00
7) Chloroethane-d5	1.907	69	187256	16.464	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	79892	13.904	ug/L	0.00
20) 2-Butanone-d5	4.618	46	591542	204.601	ug/L	0.00
24) Chloroform-d	5.049	84	482655	18.051	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.689	65	231659	18.203	ug/L	0.00
32) Benzene-d6	5.718	84	863067	13.288	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.679	67	285829	14.187	ug/L	0.00
41) Toluene-d8	7.888	98	1060608	17.228	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.168	79	155226	20.848	ug/L	0.00
46) 2-Hexanone-d5	8.624	63	570084	197.188	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	323571	20.780	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.184	152	341196	17.978	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	295541	18.716	ug/L	100
3) Chloromethane	1.515	50	276626	19.400	ug/L	100
5) Vinyl chloride	1.599	62	322619	20.140	ug/L	99
6) Bromomethane	1.853	94	211601	21.835	ug/L	99
8) Chloroethane	1.930	64	237237	20.950	ug/L	98
9) Trichlorofluoromethane	2.129	101	439686	18.807	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	272469	19.717	ug/L	99
12) 1,1-Dichloroethene	2.573	96	259826	20.140	ug/L	96
13) Acetone	2.641	43	352401	193.051	ug/L	97
14) Carbon disulfide	2.785	76	819015	19.876	ug/L	100
15) Methyl Acetate	2.946	43	92643	19.856	ug/L	94
16) Methylene chloride	3.036	84	289697	19.461	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	664468	21.222	ug/L	98
18) trans-1,2-Dichloroethene	3.342	96	283934	20.190	ug/L	98
19) 1,1-Dichloroethane	3.856	63	516396	20.052	ug/L	99
21) 2-Butanone	4.698	43	622692	206.419	ug/L	98
22) cis-1,2-Dichloroethene	4.653	96	328384	20.511	ug/L	98
23) Bromochloromethane	4.962	128	147369	20.603	ug/L	96
25) Chloroform	5.075	83	554161	20.334	ug/L	100
27) 1,2-Dichloroethane	5.782	62	340567	20.005	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	470737	16.912	ug/L	100
30) Cyclohexane	5.377	56	469429	16.978	ug/L	99
31) Carbon tetrachloride	5.515	117	413088	17.423	ug/L	99
33) Benzene	5.763	78	1240469	16.779	ug/L	100
34) Trichloroethene	6.531	95	331701	15.840	ug/L	96
35) Methylcyclohexane	6.753	83	534515	16.888	ug/L	98
37) 1,2-Dichloropropane	6.779	63	315108	15.980	ug/L	100
38) Bromodichloromethane	7.094	83	461462	19.773	ug/L	99
39) cis-1,3-Dichloropropene	7.595	75	594894	21.504	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	1947435	208.822	ug/L	100
42) Toluene	7.959	91	1866030	22.007	ug/L	100
44) trans-1,3-Dichloropropene	8.200	75	522406	23.810	ug/L	99

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

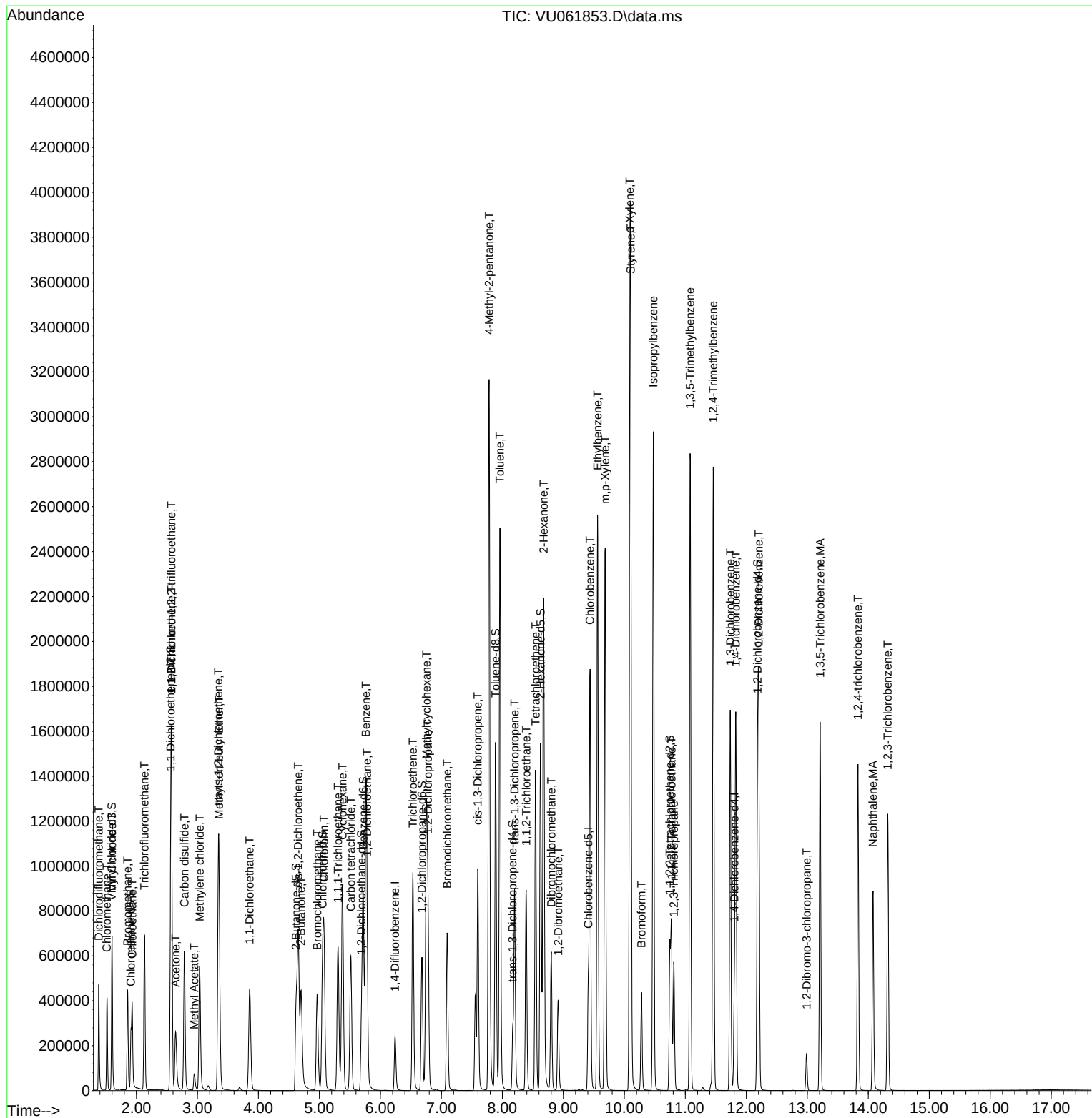
45) 1,1,2-Trichloroethane	8.390	97	287780	19.651	ug/L	98
47) Tetrachloroethene	8.544	164	309149	19.529	ug/L	99
48) 2-Hexanone	8.676	43	1366637	205.064	ug/L	99
49) Dibromochloromethane	8.801	129	315982	21.164	ug/L	99
50) 1,2-Dibromoethane	8.914	107	279649	20.502	ug/L	99
51) Chlorobenzene	9.438	112	1039283	19.381	ug/L	98
52) Ethylbenzene	9.560	91	1793296	20.249	ug/L	100
53) m,p-Xylene	9.685	106	710654	21.004	ug/L	99
54) o-Xylene	10.090	106	724908	22.924	ug/L	97
55) Styrene	10.103	104	1168981	23.308	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.772	83	360085	21.726	ug/L	99
59) Bromoform	10.280	173	193142	26.850	ug/L	97
60) Isopropylbenzene	10.476	105	1884743	24.887	ug/L	100
61) 1,2,3-Trichloropropane	10.811	75	233268	22.727	ug/L	99
62) 1,3,5-Trimethylbenzene	11.078	105	1559758	25.785	ug/L	100
63) 1,2,4-Trimethylbenzene	11.457	105	1544686	26.216	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	699259	20.061	ug/L	100
65) 1,4-Dichlorobenzene	11.827	146	693356	19.610	ug/L	100
67) 1,2-Dichlorobenzene	12.203	146	648900	20.016	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	40366	22.476	ug/L	90
69) 1,3,5-Trichlorobenzene	13.209	180	513196	21.040	ug/L	99
70) 1,2,4-trichlorobenzene	13.830	180	445588	23.504	ug/L	100
71) Naphthalene	14.077	128	721740	26.449	ug/L	99
72) 1,2,3-Trichlorobenzene	14.319	180	384081	24.163	ug/L	99

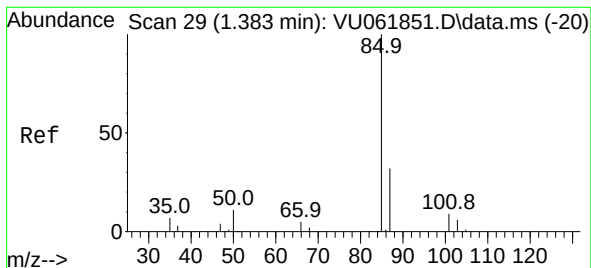
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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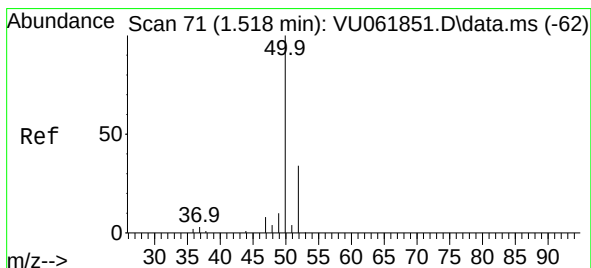
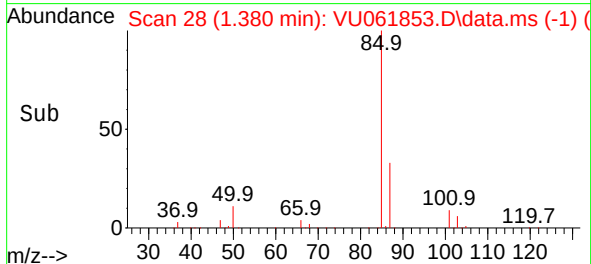
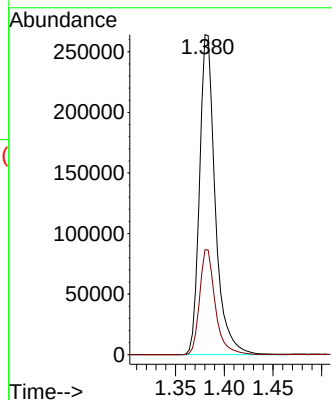
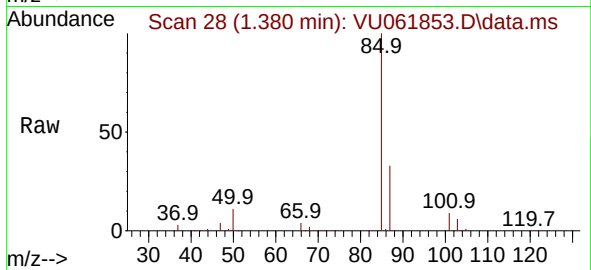




#2
Dichlorodifluoromethane
Concen: 18.716 ug/L
RT: 1.380 min Scan# 20
Delta R.T. -0.003 min
Lab File: VU061853.D
Acq: 19 Nov 2024 14:38

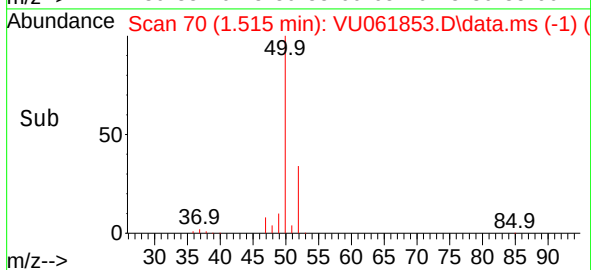
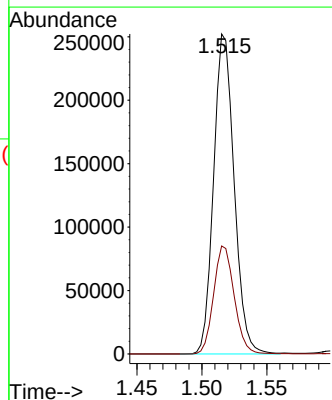
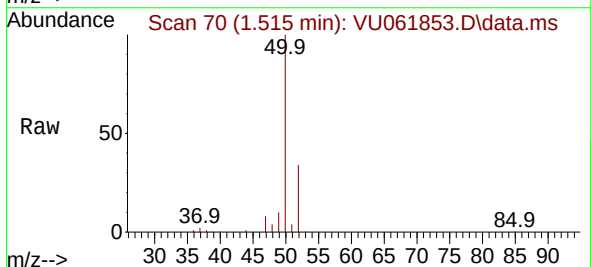
Instrument :
MSVOA_U
ClientSampleId :

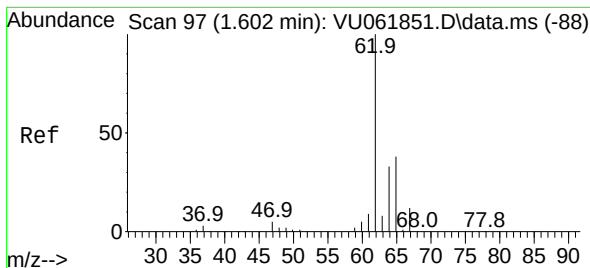
Tgt Ion: 85 Resp: 295541
Ion Ratio Lower Upper
85 100
87 32.8 26.0 39.0



#3
Chloromethane
Concen: 19.400 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU061853.D
Acq: 19 Nov 2024 14:38

Tgt Ion: 50 Resp: 276626
Ion Ratio Lower Upper
50 100
52 33.7 23.7 43.9





#5

Vinyl chloride

Concen: 20.140 ug/L

RT: 1.599 min Scan# 9

Delta R.T. -0.003 min

Lab File: VU061853.D

Acq: 19 Nov 2024 14:38

Instrument :

MSVOA_U

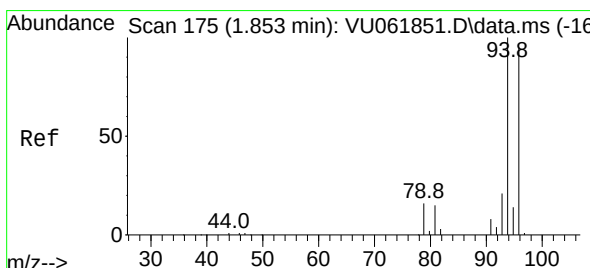
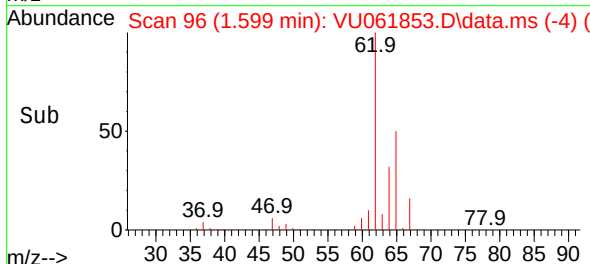
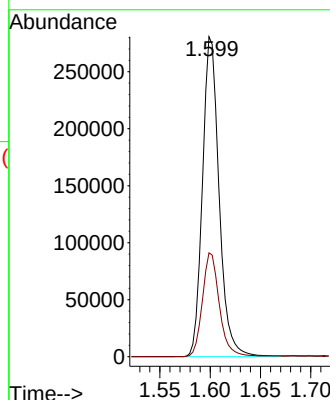
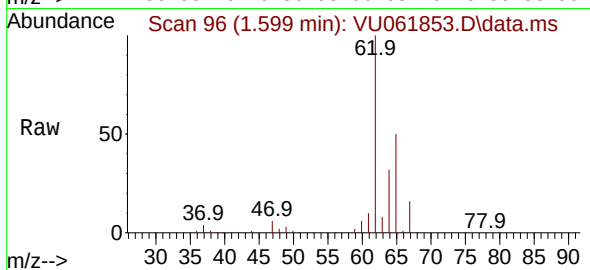
ClientSampleId :

Tgt Ion: 62 Resp: 322619

Ion Ratio Lower Upper

62 100

64 32.4 23.2 43.0



#6

Bromomethane

Concen: 21.835 ug/L

RT: 1.853 min Scan# 175

Delta R.T. 0.000 min

Lab File: VU061853.D

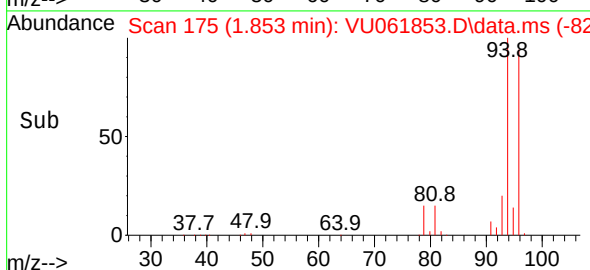
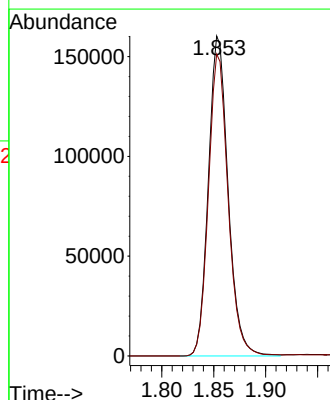
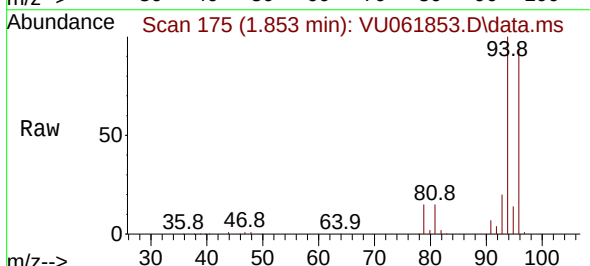
Acq: 19 Nov 2024 14:38

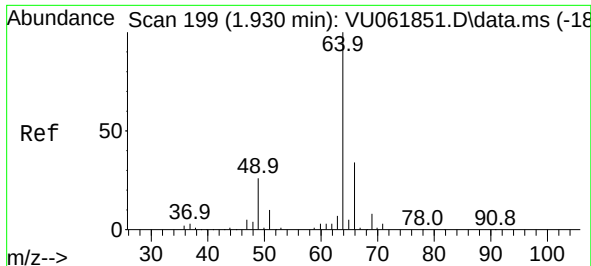
Tgt Ion: 94 Resp: 211601

Ion Ratio Lower Upper

94 100

96 94.3 66.5 123.5

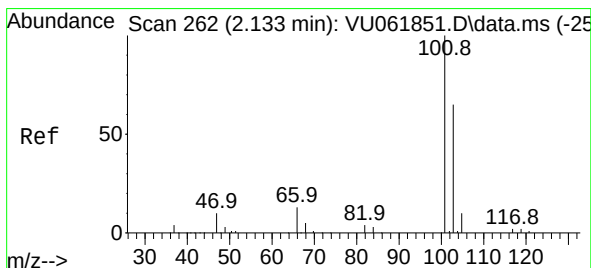
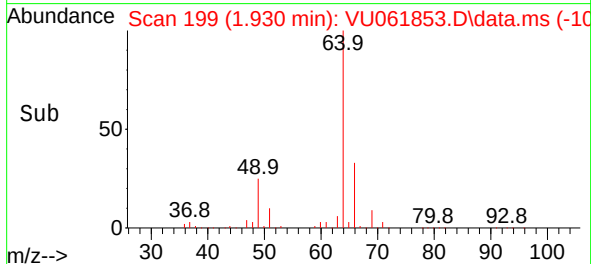
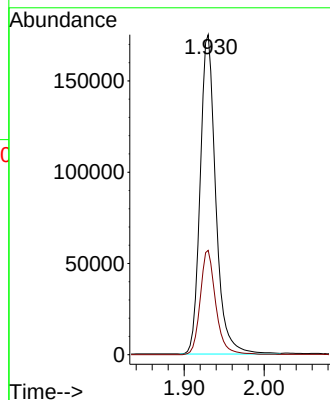
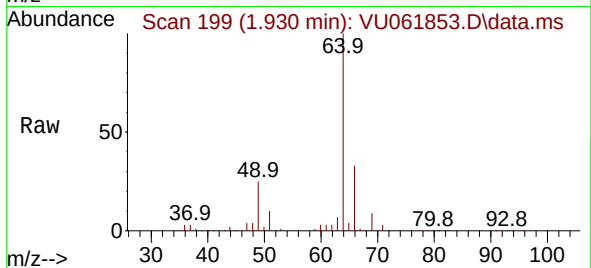




#8
Chloroethane
Concen: 20.950 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU061853.D
Acq: 19 Nov 2024 14:38

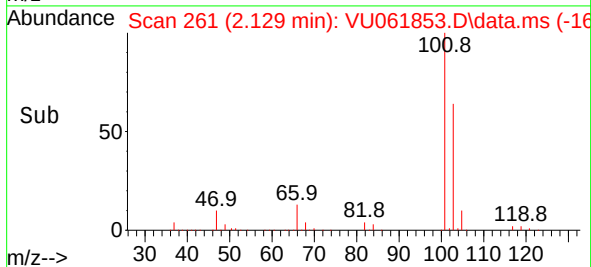
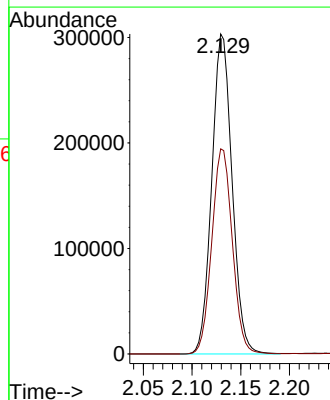
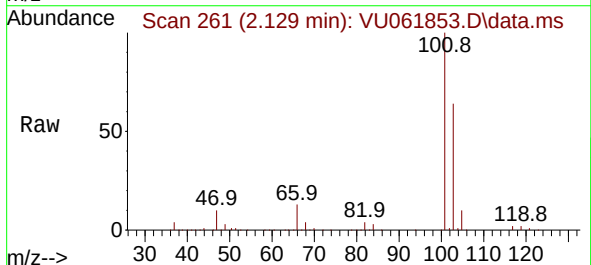
Instrument :
MSVOA_U
ClientSampleId :

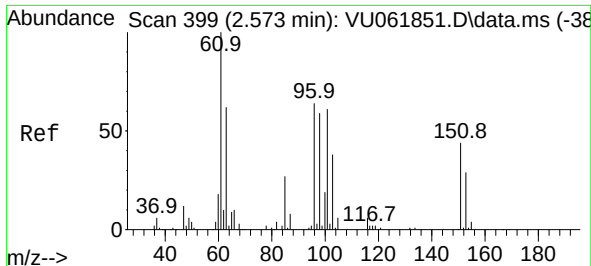
Tgt Ion: 64 Resp: 237237
Ion Ratio Lower Upper
64 100
66 32.6 23.4 43.6



#9
Trichlorofluoromethane
Concen: 18.807 ug/L
RT: 2.129 min Scan# 261
Delta R.T. -0.003 min
Lab File: VU061853.D
Acq: 19 Nov 2024 14:38

Tgt Ion:101 Resp: 439686
Ion Ratio Lower Upper
101 100
103 64.9 52.5 78.7

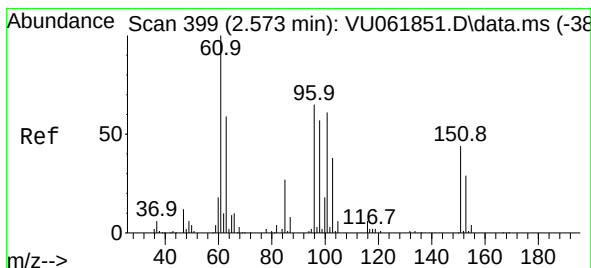
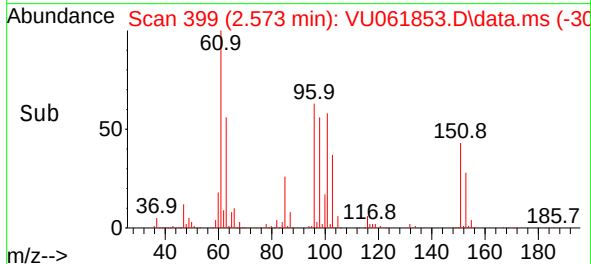
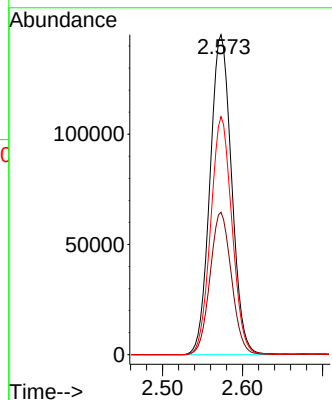
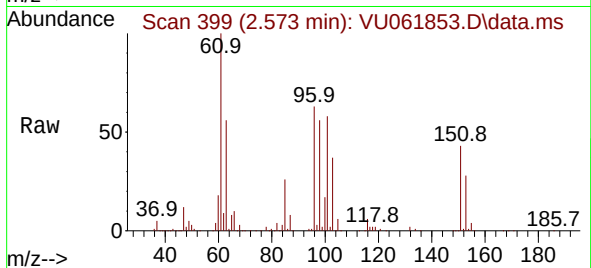




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 19.717 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU061853.D
 Acq: 19 Nov 2024 14:38

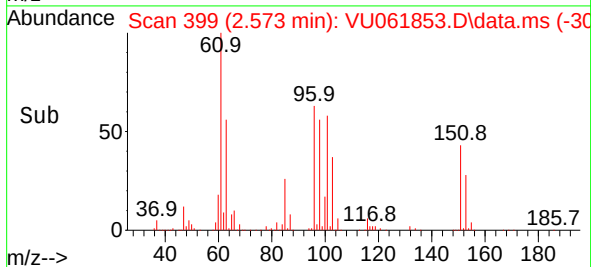
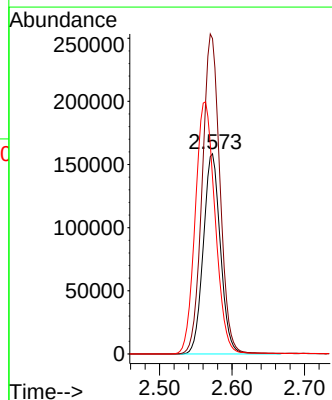
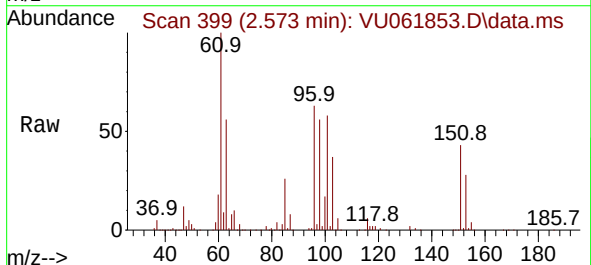
Instrument :
 MSVOA_U
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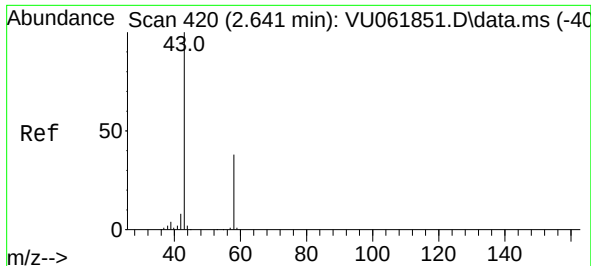
Tgt Ion:101 Resp: 272469
 Ion Ratio Lower Upper
 101 100
 85 44.2 35.8 53.8
 151 73.4 57.9 86.9



#12
 1,1-Dichloroethene
 Concen: 20.140 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU061853.D
 Acq: 19 Nov 2024 14:38

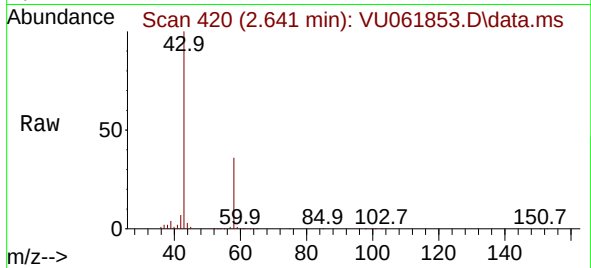
Tgt Ion: 96 Resp: 259826
 Ion Ratio Lower Upper
 96 100
 61 157.6 108.8 202.0
 63 88.1 67.2 124.8



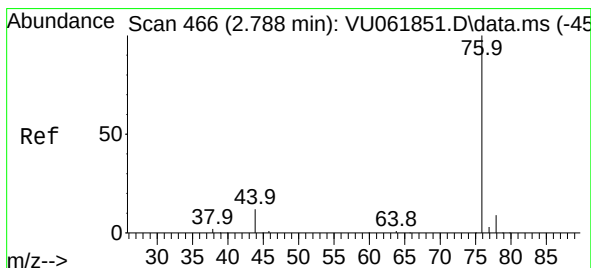
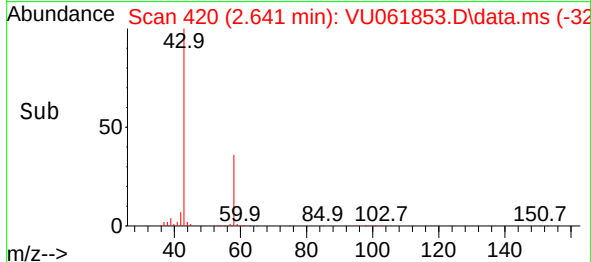
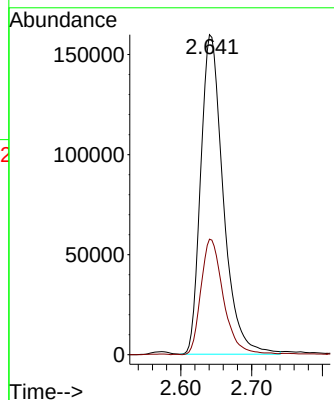


#13
Acetone
Concen: 193.051 ug/L
RT: 2.641 min Scan# 41
Delta R.T. 0.000 min
Lab File: VU061853.D
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Instrument :
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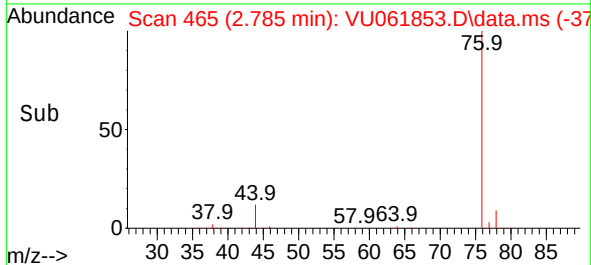
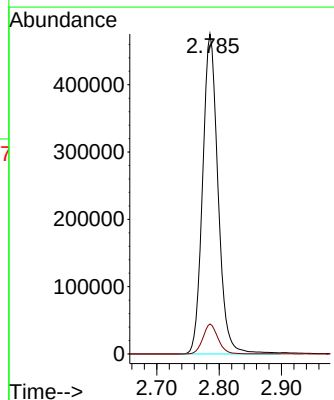
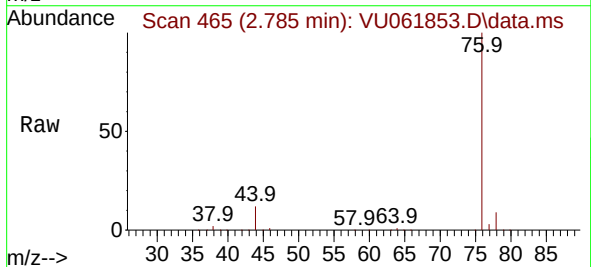


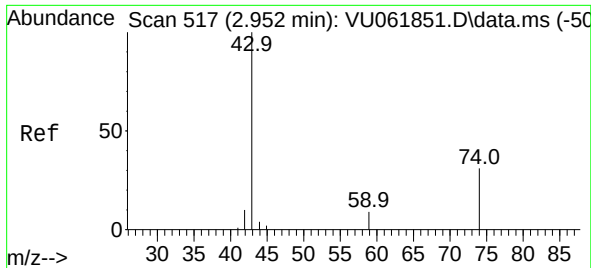
Tgt Ion: 43 Resp: 352401
Ion Ratio Lower Upper
43 100
58 36.2 0.0 75.8



#14
Carbon disulfide
Concen: 19.876 ug/L
RT: 2.785 min Scan# 465
Delta R.T. -0.003 min
Lab File: VU061853.D
Acq: 19 Nov 2024 14:38

Tgt Ion: 76 Resp: 819015
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0





#15

Methyl Acetate

Concen: 19.856 ug/L

RT: 2.946 min Scan# 51

Delta R.T. -0.006 min

Lab File: VU061853.D

Acq: 19 Nov 2024 14:38

Instrument :

MSVOA_U

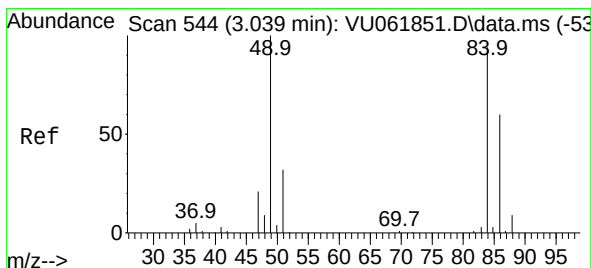
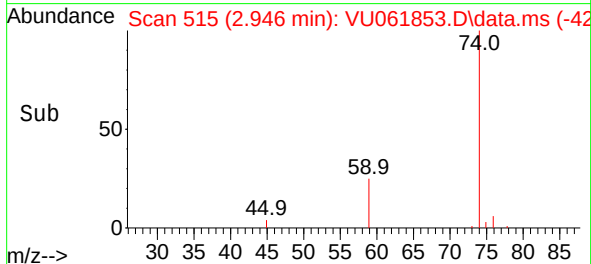
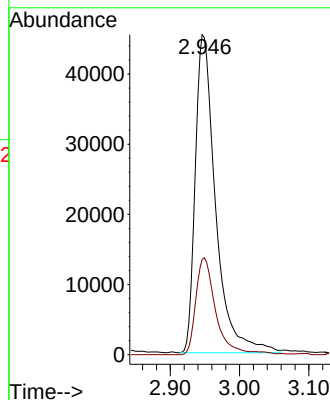
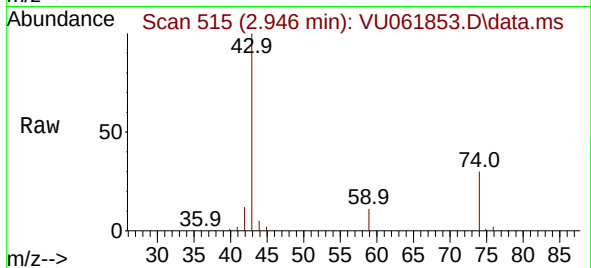
ClientSampleId :

Tgt Ion: 43 Resp: 92643

Ion Ratio Lower Upper

43 100

74 30.0 21.5 32.3



#16

Methylene chloride

Concen: 19.461 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.003 min

Lab File: VU061853.D

Acq: 19 Nov 2024 14:38

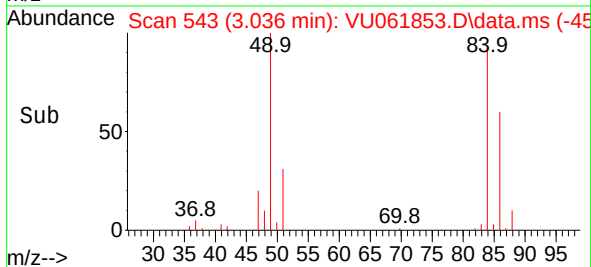
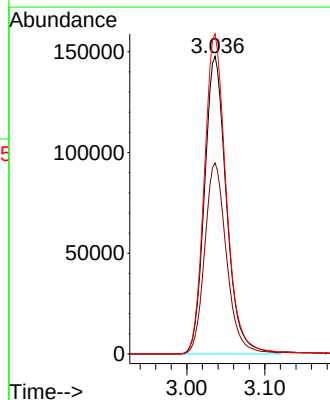
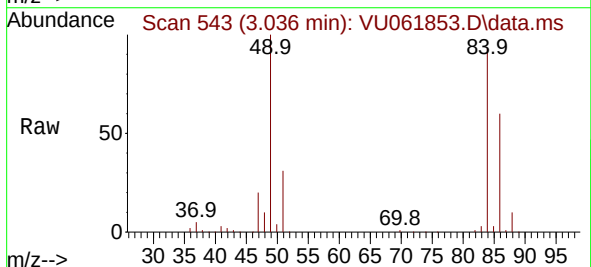
Tgt Ion: 84 Resp: 289697

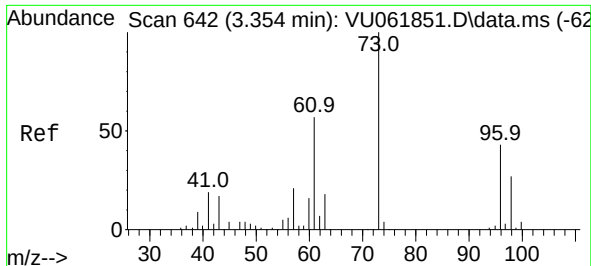
Ion Ratio Lower Upper

84 100

86 64.2 45.0 83.6

49 107.5 74.5 138.5





#17

Methyl tert-butyl Ether

Concen: 21.222 ug/L

RT: 3.354 min Scan# 642

Delta R.T. 0.000 min

Lab File: VU061853.D

Acq: 19 Nov 2024 14:38

Instrument :

MSVOA_U

ClientSampleId :

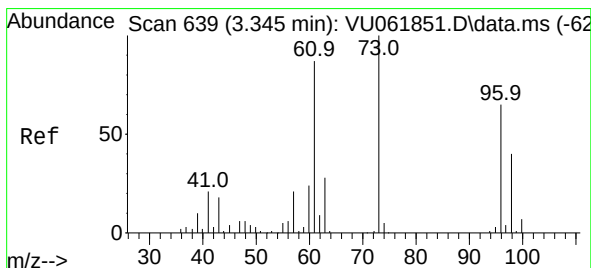
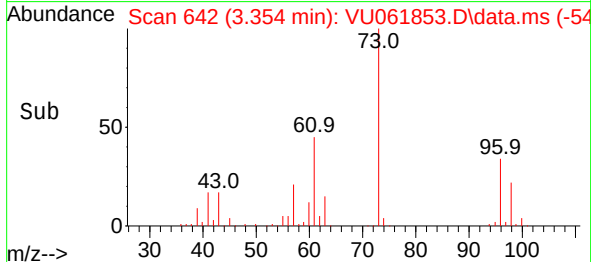
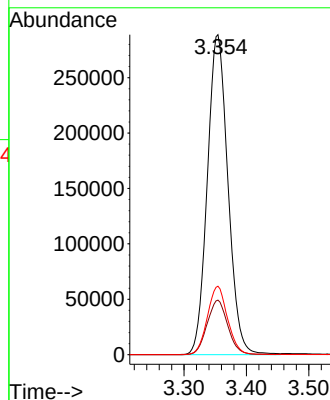
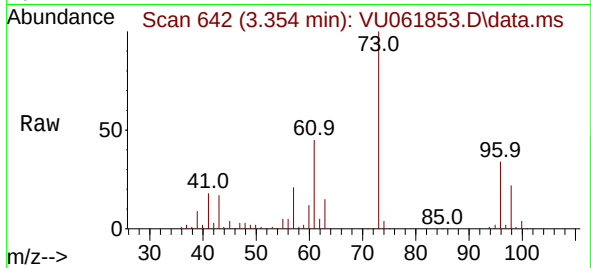
Tgt Ion: 73 Resp: 664468

Ion Ratio Lower Upper

73 100

43 17.0 14.2 21.4

57 21.0 17.4 26.2



#18

trans-1,2-Dichloroethene

Concen: 20.190 ug/L

RT: 3.342 min Scan# 638

Delta R.T. -0.003 min

Lab File: VU061853.D

Acq: 19 Nov 2024 14:38

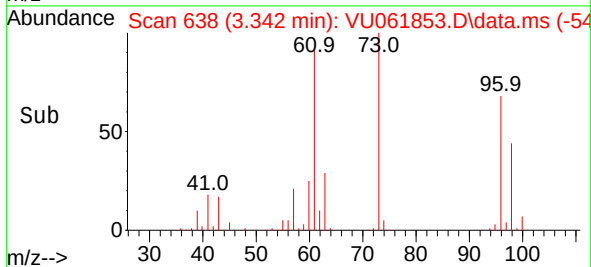
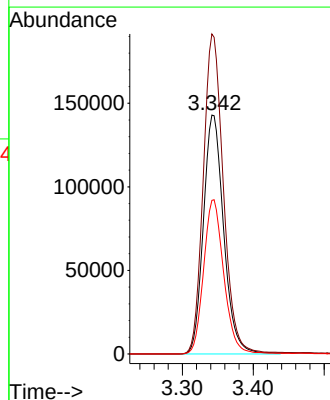
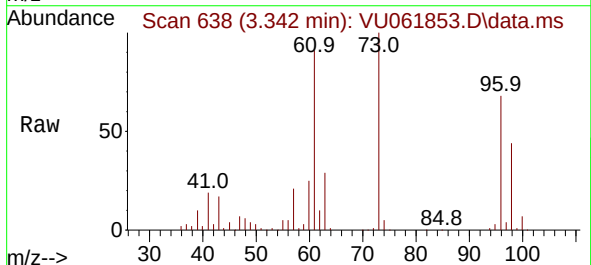
Tgt Ion: 96 Resp: 283934

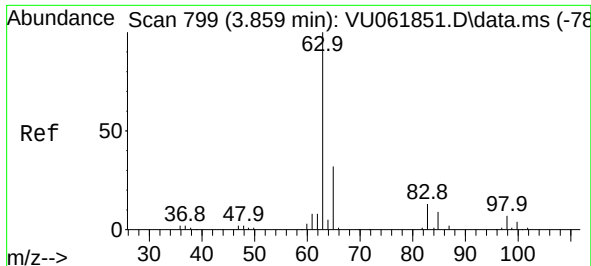
Ion Ratio Lower Upper

96 100

61 134.0 94.1 174.8

98 64.3 42.8 79.4

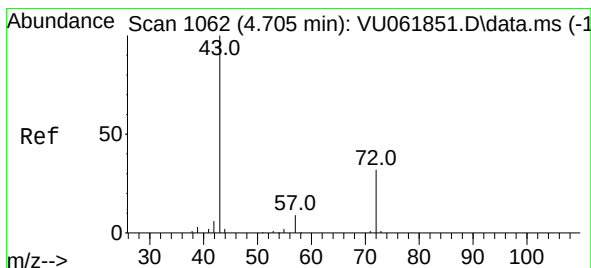
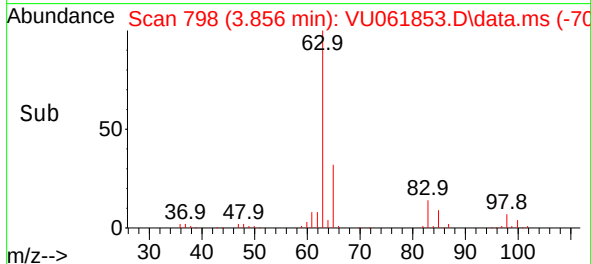
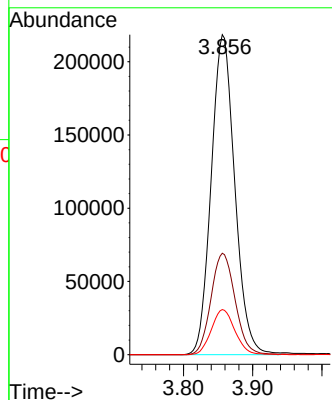
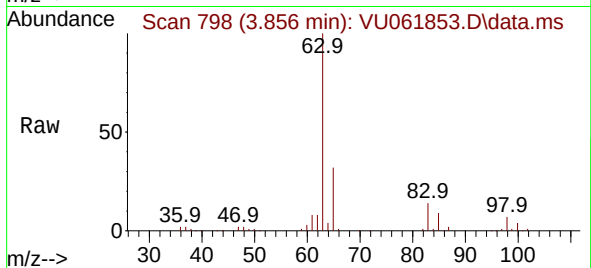




#19
1,1-Dichloroethane
Concen: 20.052 ug/L
RT: 3.856 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU061853.D
Acq: 19 Nov 2024 14:38

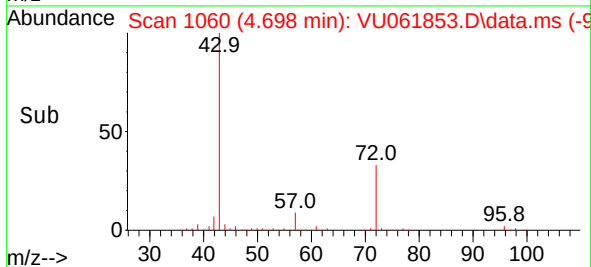
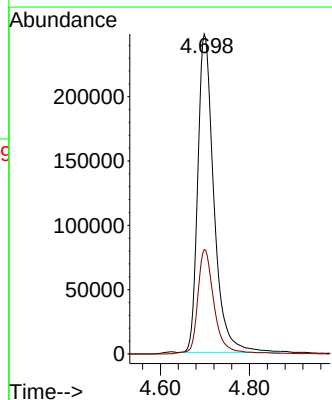
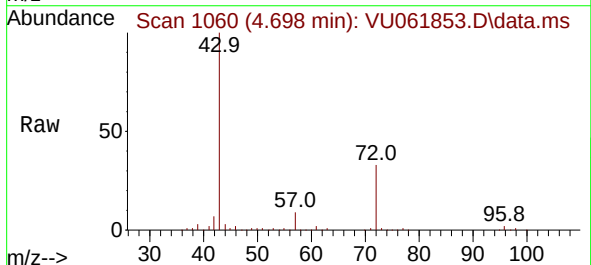
Instrument :
MSVOA_U
ClientSampleId :

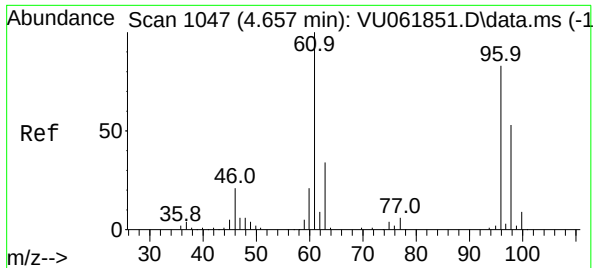
Tgt Ion: 63 Resp: 516396
Ion Ratio Lower Upper
63 100
65 31.7 22.6 42.0
83 14.1 9.4 17.4



#21
2-Butanone
Concen: 206.419 ug/L
RT: 4.698 min Scan# 1060
Delta R.T. -0.006 min
Lab File: VU061853.D
Acq: 19 Nov 2024 14:38

Tgt Ion: 43 Resp: 622692
Ion Ratio Lower Upper
43 100
72 33.3 16.1 48.3

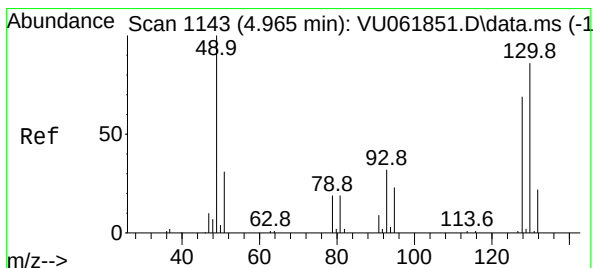
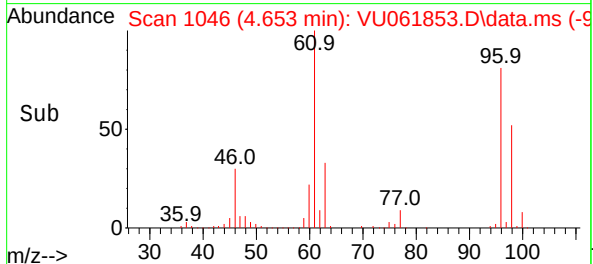
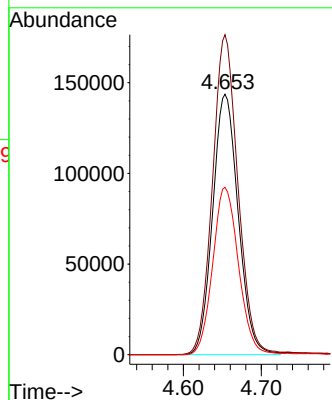
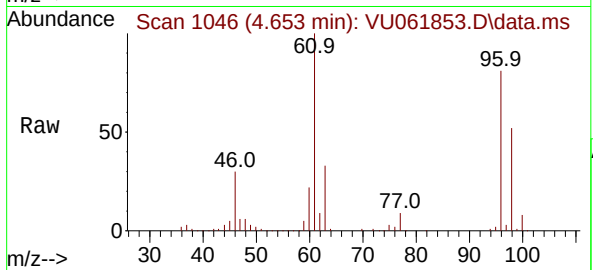




#22
cis-1,2-Dichloroethene
Concen: 20.511 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.003 min
Lab File: VU061853.D
Acq: 19 Nov 2024 14:38

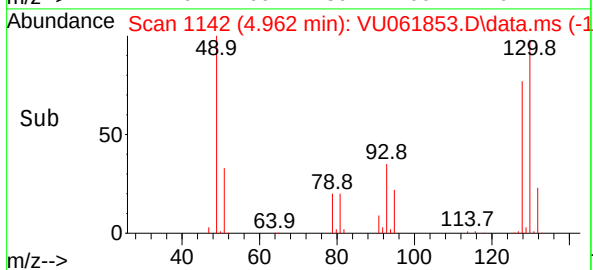
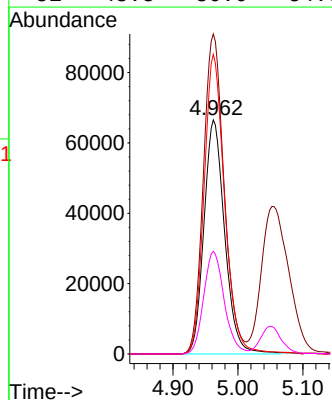
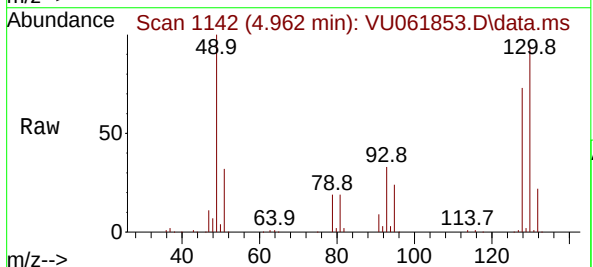
Instrument :
MSVOA_U
ClientSampleId :

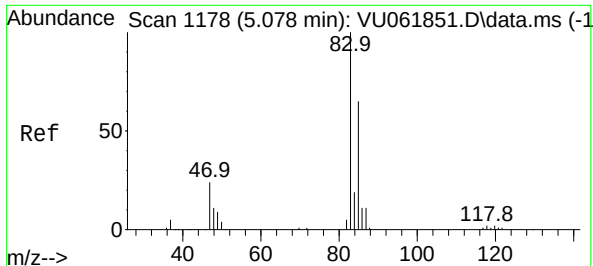
Tgt Ion: 96 Resp: 328384
Ion Ratio Lower Upper
96 100
61 122.9 84.5 156.9
98 64.3 44.6 82.8



#23
Bromochloromethane
Concen: 20.603 ug/L
RT: 4.962 min Scan# 1142
Delta R.T. -0.003 min
Lab File: VU061853.D
Acq: 19 Nov 2024 14:38

Tgt Ion:128 Resp: 147369
Ion Ratio Lower Upper
128 100
49 136.7 100.9 187.5
130 127.9 87.0 161.6
51 43.8 36.0 54.0





#25

Chloroform

Concen: 20.334 ug/L

RT: 5.075 min Scan# 1178

Delta R.T. -0.003 min

Lab File: VU061853.D

Acq: 19 Nov 2024 14:38

Instrument :

MSVOA_U

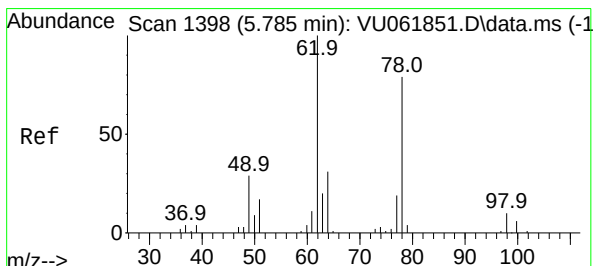
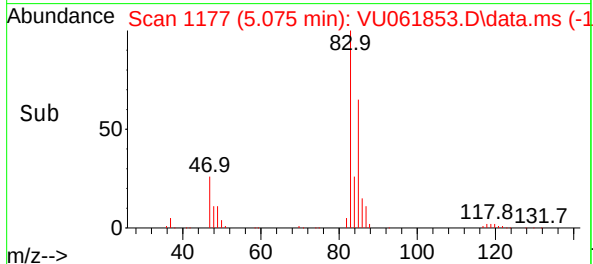
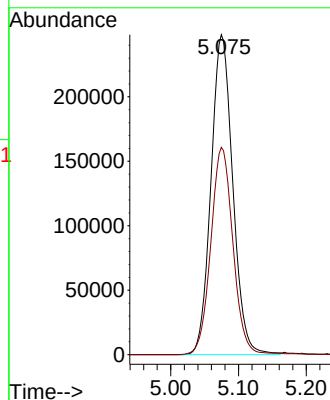
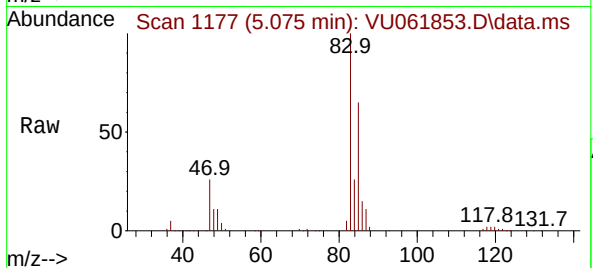
ClientSampleId :

Tgt Ion: 83 Resp: 554161

Ion Ratio Lower Upper

83 100

85 64.8 45.5 84.5



#27

1,2-Dichloroethane

Concen: 20.005 ug/L

RT: 5.782 min Scan# 1397

Delta R.T. -0.003 min

Lab File: VU061853.D

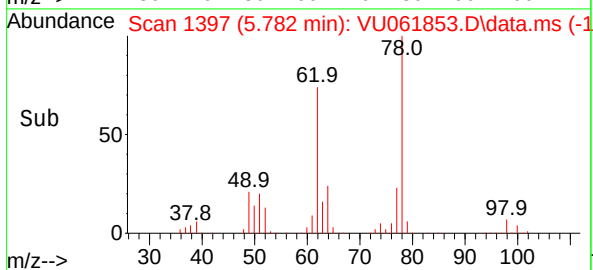
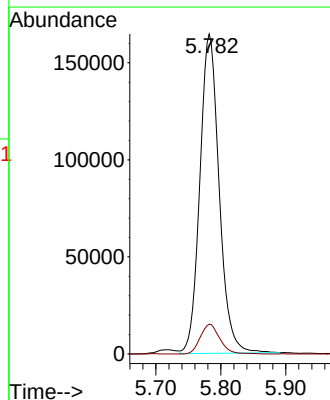
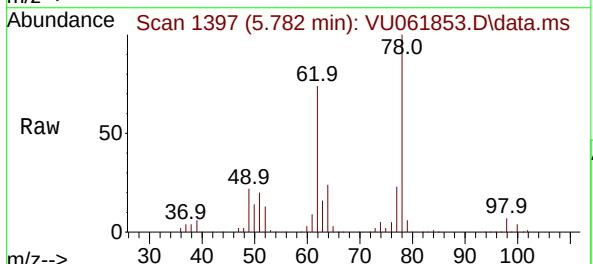
Acq: 19 Nov 2024 14:38

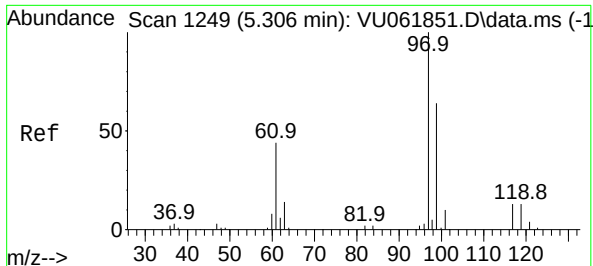
Tgt Ion: 62 Resp: 340567

Ion Ratio Lower Upper

62 100

98 9.3 8.1 12.1

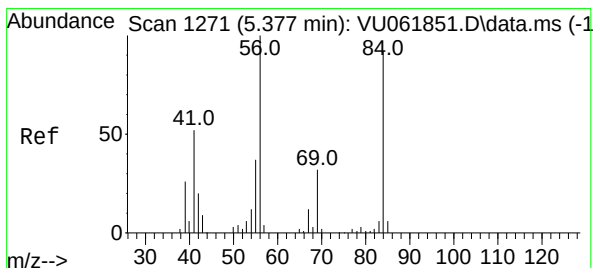
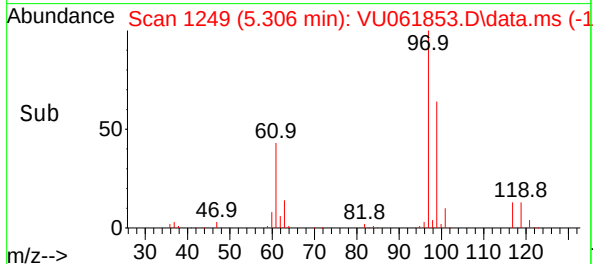
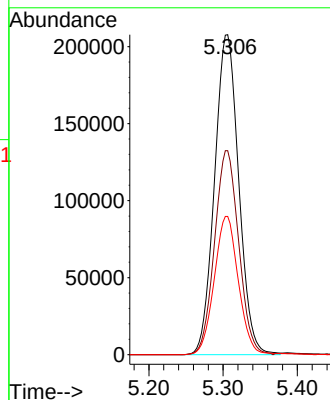
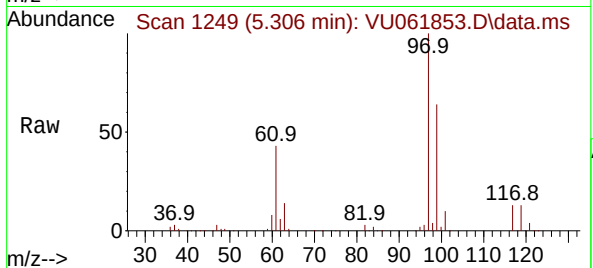




#29
1,1,1-Trichloroethane
Concen: 16.912 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU061853.D
Acq: 19 Nov 2024 14:38

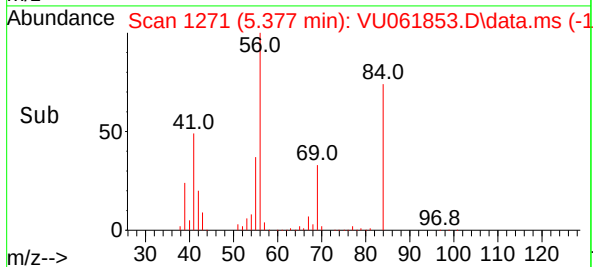
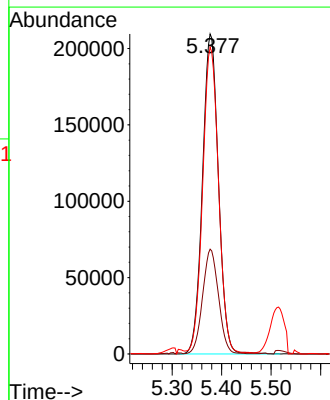
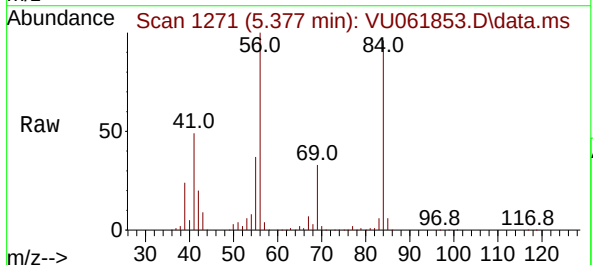
Instrument :
MSVOA_U
ClientSampleId :

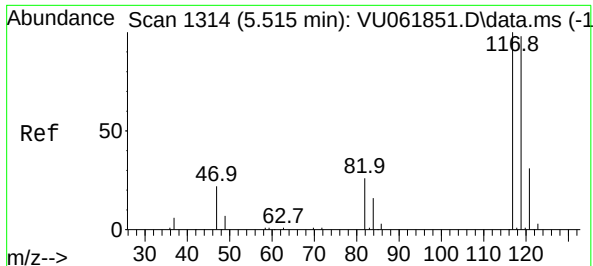
Tgt Ion: 97 Resp: 470737
Ion Ratio Lower Upper
97 100
99 63.6 51.0 76.4
61 43.3 34.8 52.2



#30
Cyclohexane
Concen: 16.978 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. 0.000 min
Lab File: VU061853.D
Acq: 19 Nov 2024 14:38

Tgt Ion: 56 Resp: 469429
Ion Ratio Lower Upper
56 100
69 32.5 26.2 39.4
84 94.2 76.0 114.0

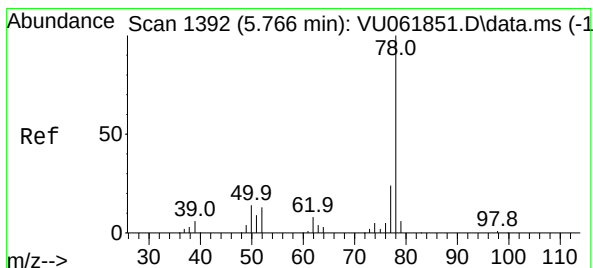
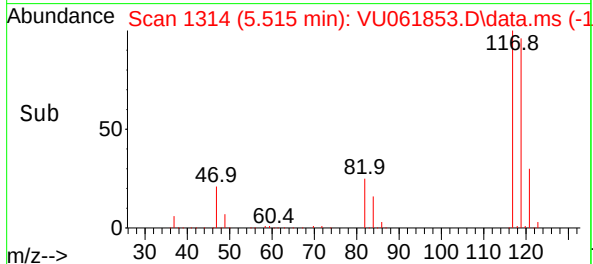
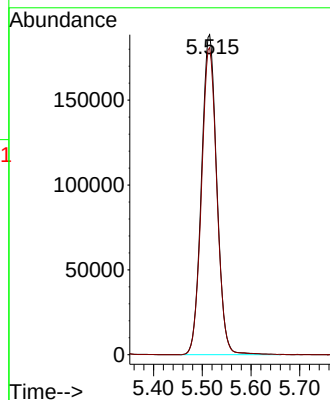
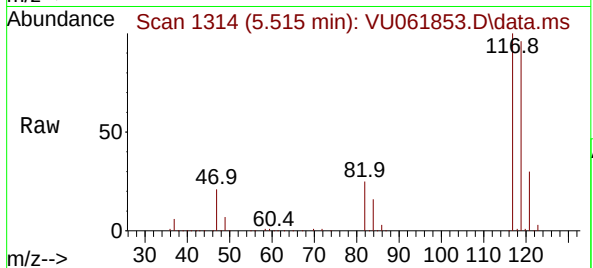




#31
Carbon tetrachloride
Concen: 17.423 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU061853.D
Acq: 19 Nov 2024 14:38

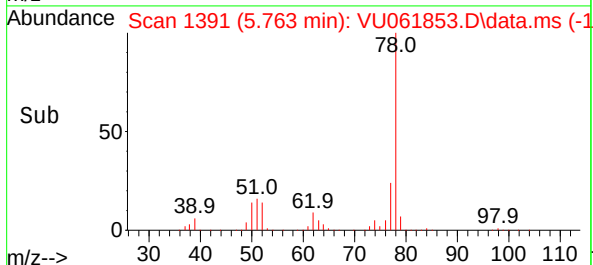
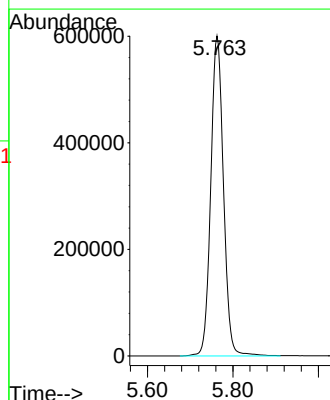
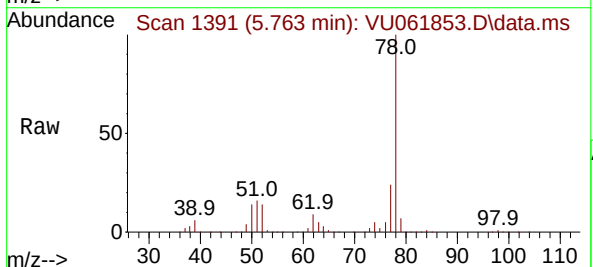
Instrument :
MSVOA_U
ClientSampleId :

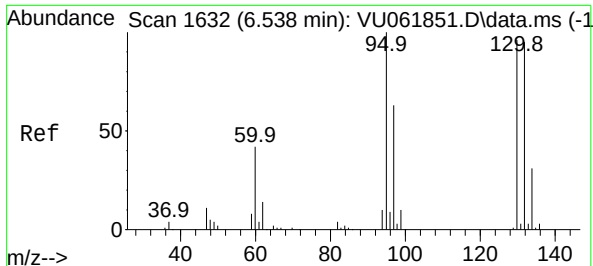
Tgt Ion:117 Resp: 413088
Ion Ratio Lower Upper
117 100
119 96.2 76.5 114.7



#33
Benzene
Concen: 16.779 ug/L
RT: 5.763 min Scan# 1391
Delta R.T. -0.003 min
Lab File: VU061853.D
Acq: 19 Nov 2024 14:38

Tgt Ion: 78 Resp: 1240469





#34

Trichloroethene

Concen: 15.840 ug/L

RT: 6.531 min Scan# 1

Delta R.T. -0.006 min

Lab File: VU061853.D

Acq: 19 Nov 2024 14:38

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 331701

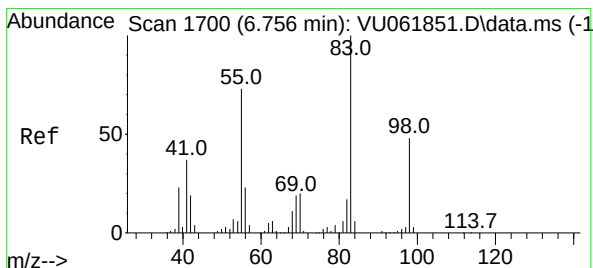
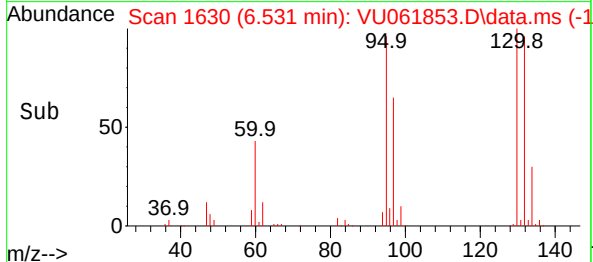
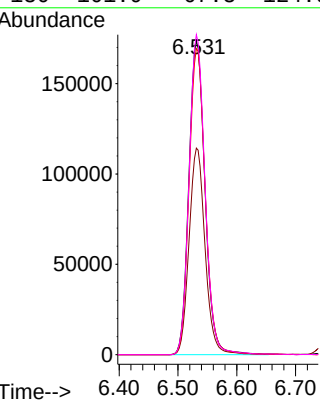
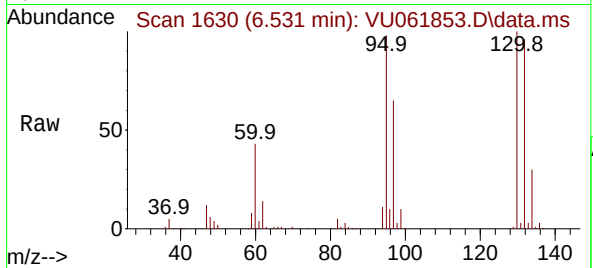
Ion Ratio Lower Upper

95 100

97 65.8 44.2 82.0

132 97.5 66.4 123.2

130 101.9 67.3 124.9



#35

Methylcyclohexane

Concen: 16.888 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. -0.003 min

Lab File: VU061853.D

Acq: 19 Nov 2024 14:38

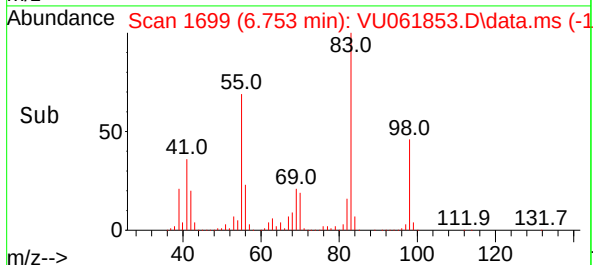
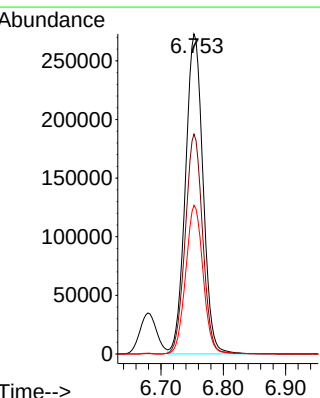
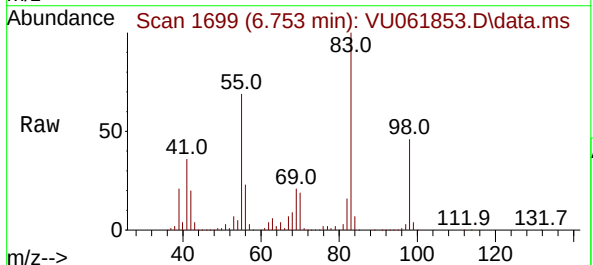
Tgt Ion: 83 Resp: 534515

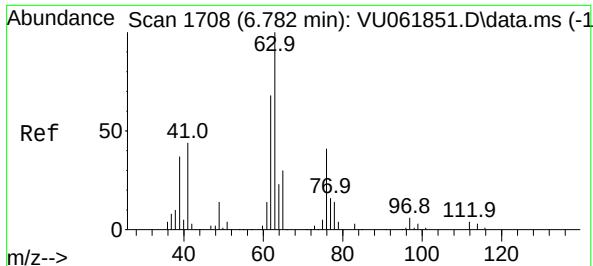
Ion Ratio Lower Upper

83 100

55 68.1 56.9 85.3

98 46.1 37.2 55.8

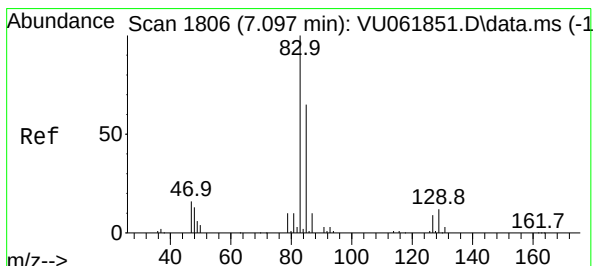
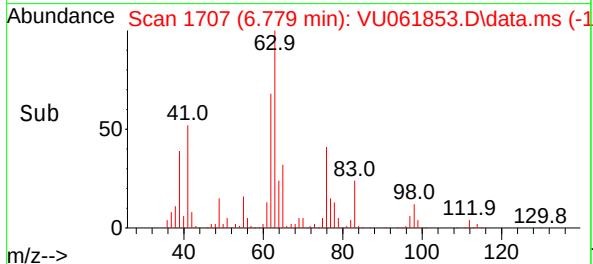
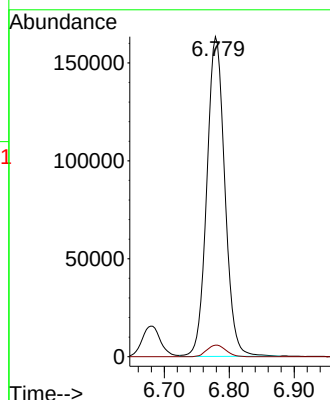
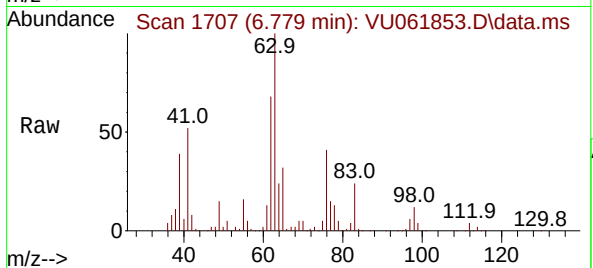




#37
1,2-Dichloropropane
Concen: 15.980 ug/L
RT: 6.779 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU061853.D
Acq: 19 Nov 2024 14:38

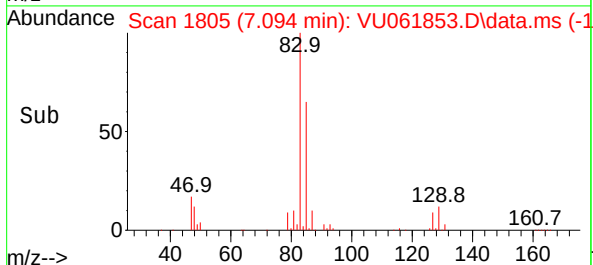
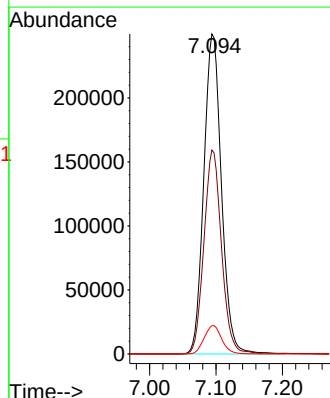
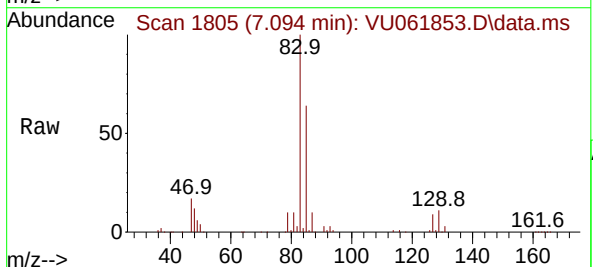
Instrument :
MSVOA_U
ClientSampleId :

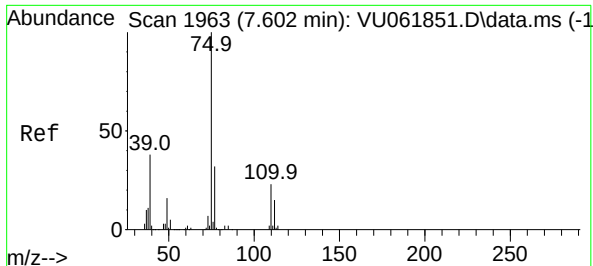
Tgt Ion: 63 Resp: 315108
Ion Ratio Lower Upper
63 100
112 3.8 3.0 4.6



#38
Bromodichloromethane
Concen: 19.773 ug/L
RT: 7.094 min Scan# 1805
Delta R.T. -0.003 min
Lab File: VU061853.D
Acq: 19 Nov 2024 14:38

Tgt Ion: 83 Resp: 461462
Ion Ratio Lower Upper
83 100
85 63.7 45.4 84.4
127 8.8 7.4 11.0

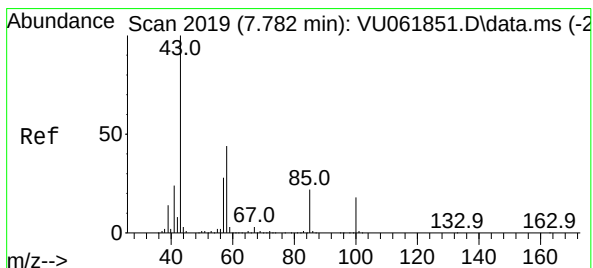
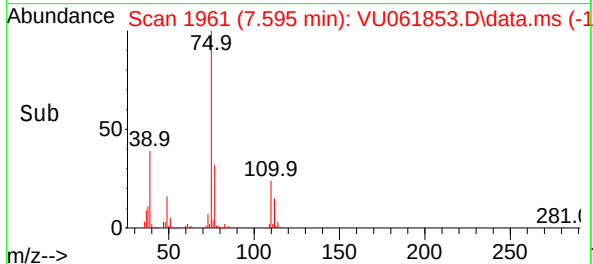
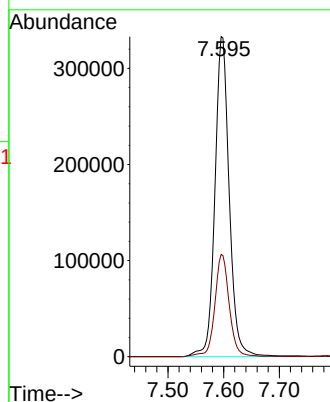
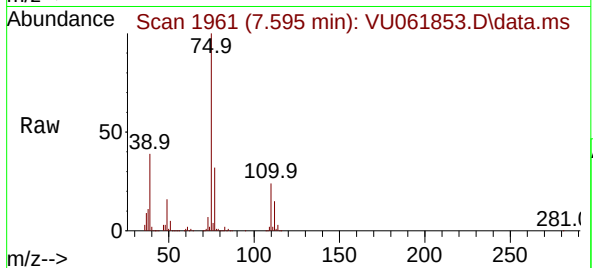




#39
cis-1,3-Dichloropropene
Concen: 21.504 ug/L
RT: 7.595 min Scan# 1961
Delta R.T. -0.006 min
Lab File: VU061853.D
Acq: 19 Nov 2024 14:38

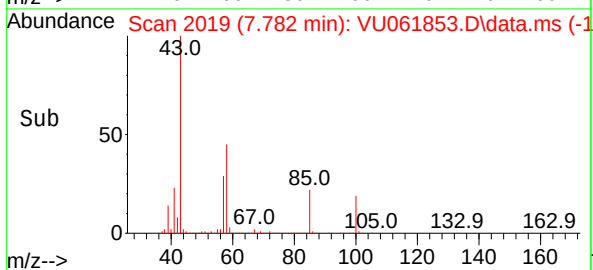
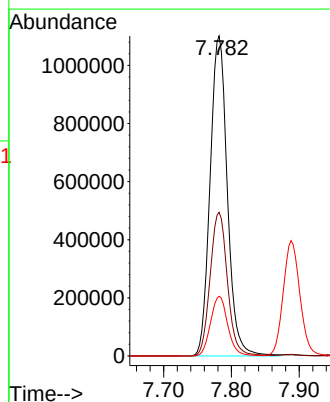
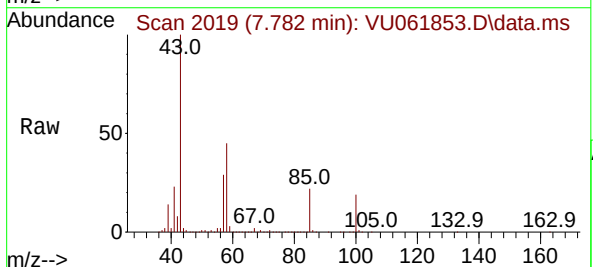
Instrument :
MSVOA_U
ClientSampleId :

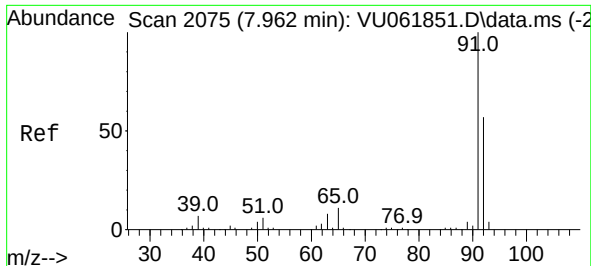
Tgt Ion: 75 Resp: 594894
Ion Ratio Lower Upper
75 100
77 32.0 22.0 41.0



#40
4-Methyl-2-pentanone
Concen: 208.822 ug/L
RT: 7.782 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VU061853.D
Acq: 19 Nov 2024 14:38

Tgt Ion: 43 Resp: 1947435
Ion Ratio Lower Upper
43 100
58 45.0 35.8 53.6
100 18.6 14.7 22.1





#42

Toluene

Concen: 22.007 ug/L

RT: 7.959 min Scan# 2074

Delta R.T. -0.003 min

Lab File: VU061853.D

Acq: 19 Nov 2024 14:38

Instrument :

MSVOA_U

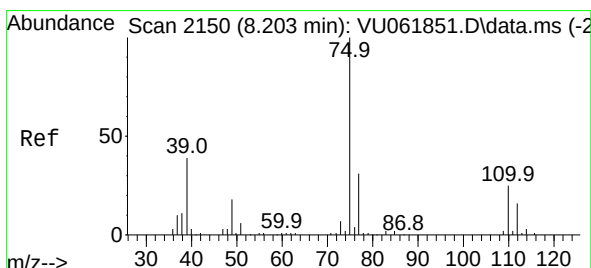
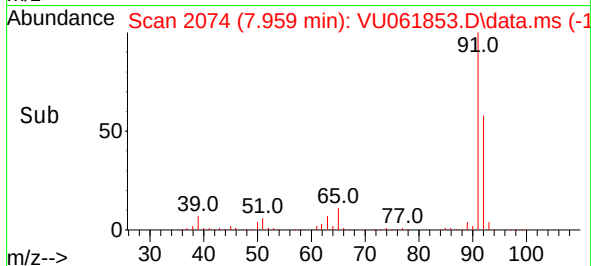
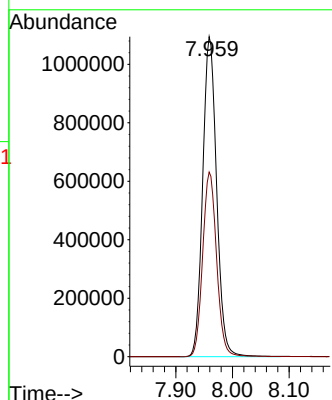
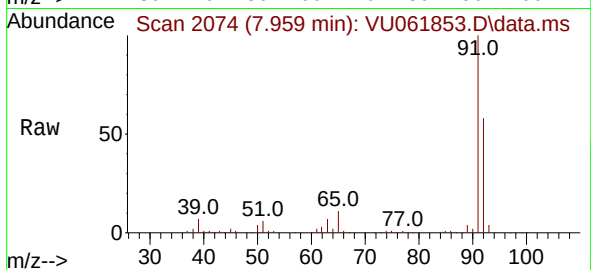
ClientSampleId :

Tgt Ion: 91 Resp: 1866030

Ion Ratio Lower Upper

91 100

92 57.7 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 23.810 ug/L

RT: 8.200 min Scan# 2149

Delta R.T. -0.003 min

Lab File: VU061853.D

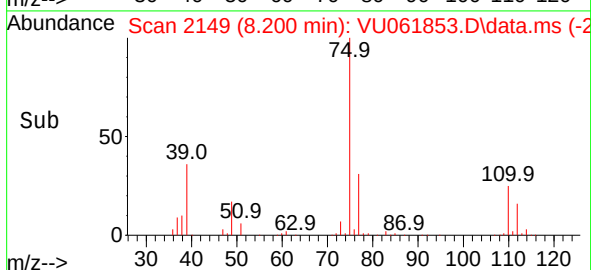
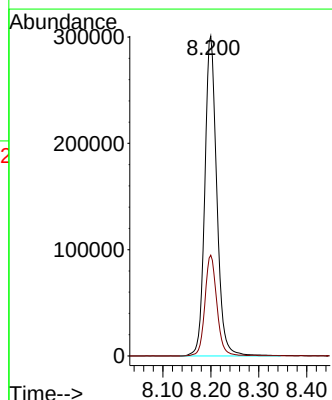
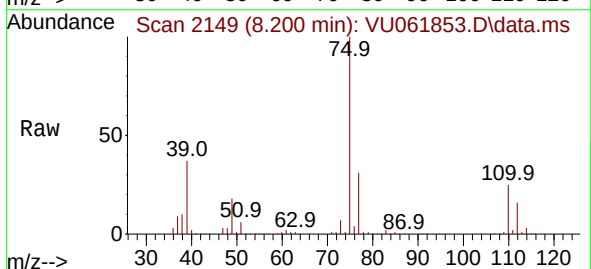
Acq: 19 Nov 2024 14:38

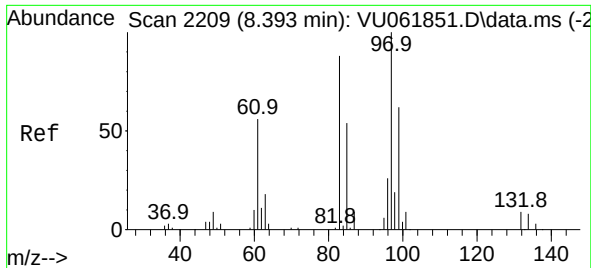
Tgt Ion: 75 Resp: 522406

Ion Ratio Lower Upper

75 100

77 31.5 21.8 40.6



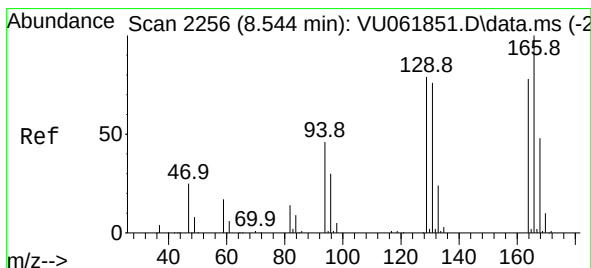
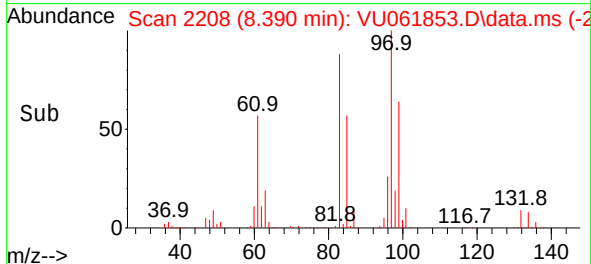
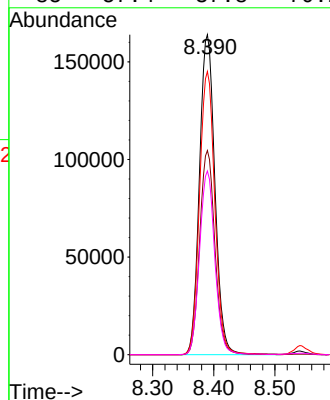
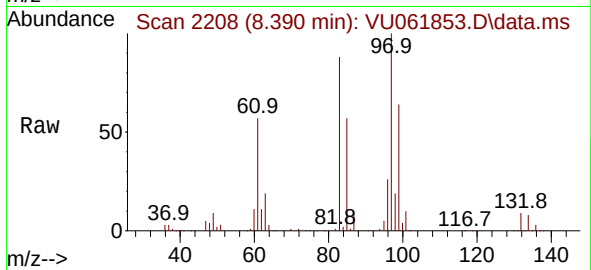


#45
1,1,2-Trichloroethane
Concen: 19.651 ug/L
RT: 8.390 min Scan# 2209
Delta R.T. -0.003 min
Lab File: VU061853.D
Acq: 19 Nov 2024 14:38

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 287780

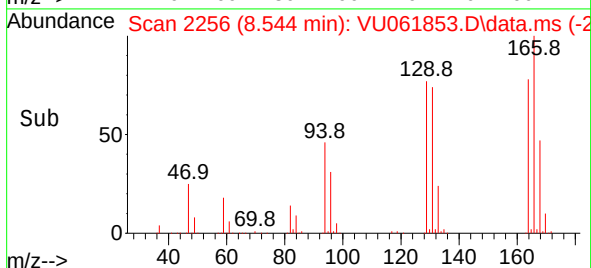
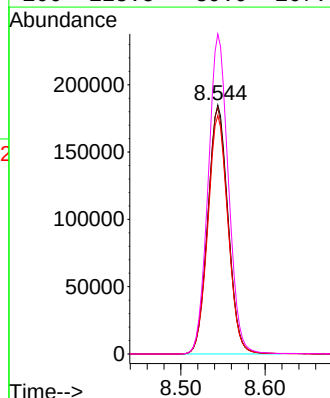
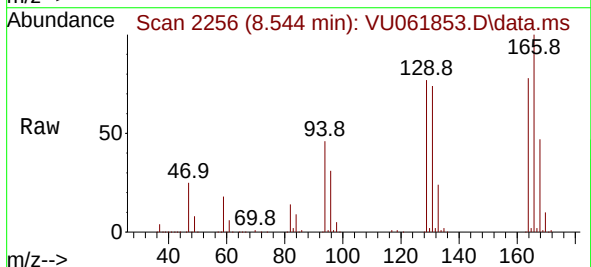
Ion	Ratio	Lower	Upper
97	100		
99	63.8	43.6	81.0
83	88.5	61.7	114.5
85	57.4	37.8	70.2

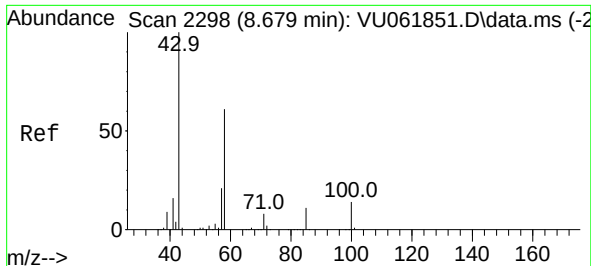


#47
Tetrachloroethene
Concen: 19.529 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU061853.D
Acq: 19 Nov 2024 14:38

Tgt Ion: 164 Resp: 309149

Ion	Ratio	Lower	Upper
164	100		
129	99.0	71.4	132.6
131	95.7	68.2	126.6
166	128.5	89.9	167.0





#48

2-Hexanone

Concen: 205.064 ug/L

RT: 8.676 min Scan# 2298

Delta R.T. -0.003 min

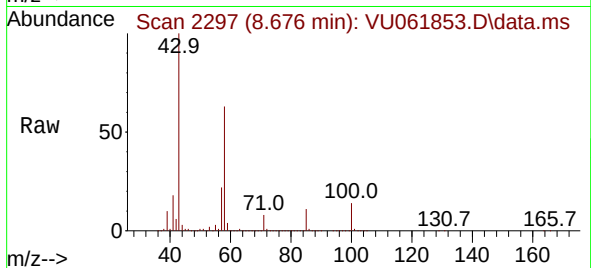
Lab File: VU061853.D

Acq: 19 Nov 2024 14:38

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 1366637

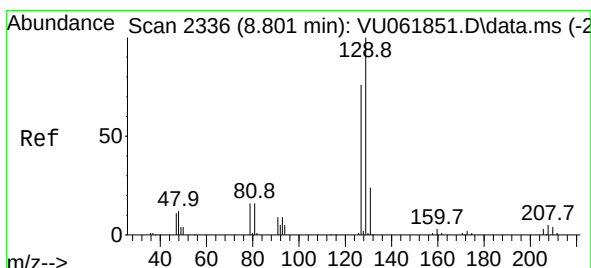
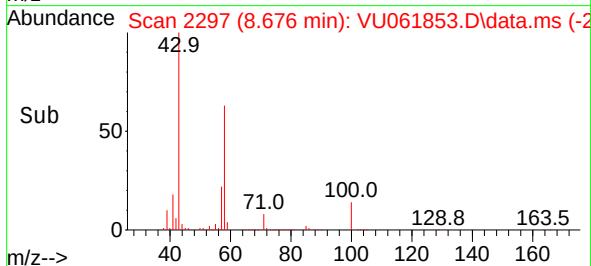
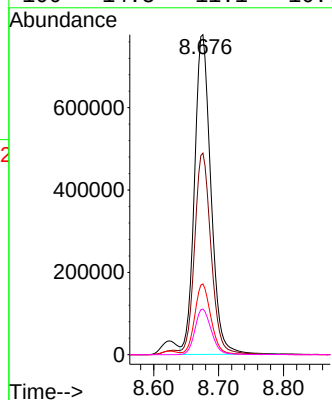
Ion Ratio Lower Upper

43 100

58 63.2 49.6 74.4

57 22.0 17.6 26.4

100 14.3 11.1 16.7



#49

Dibromochloromethane

Concen: 21.164 ug/L

RT: 8.801 min Scan# 2336

Delta R.T. 0.000 min

Lab File: VU061853.D

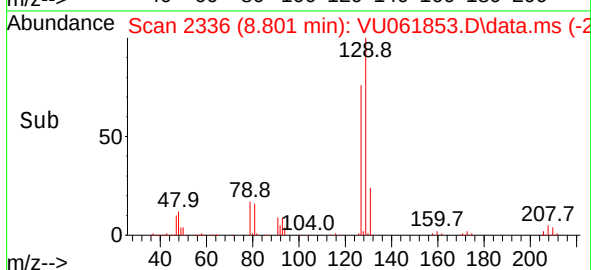
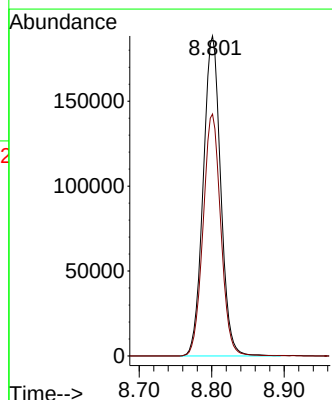
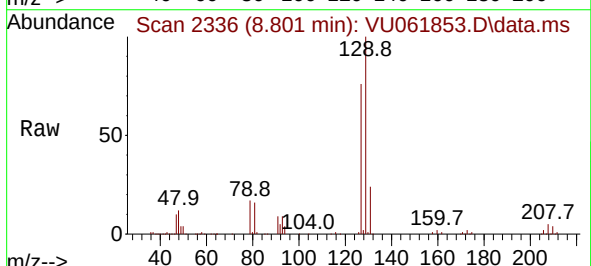
Acq: 19 Nov 2024 14:38

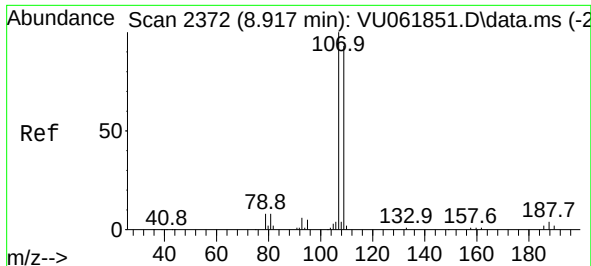
Tgt Ion:129 Resp: 315982

Ion Ratio Lower Upper

129 100

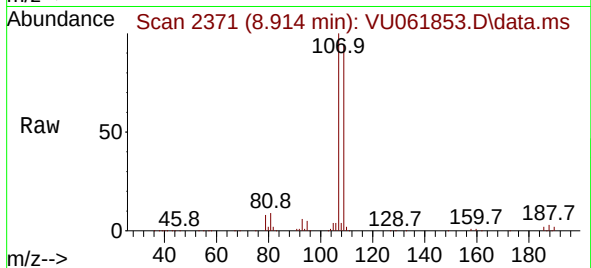
127 75.6 53.4 99.2



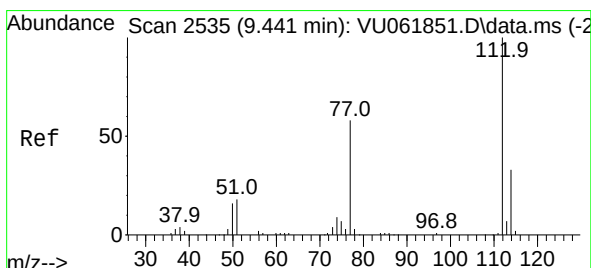
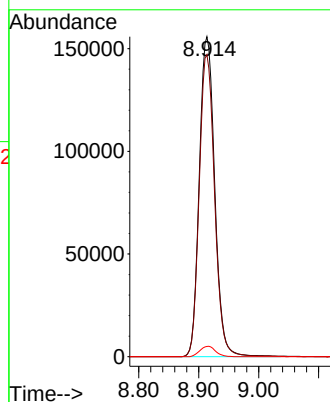
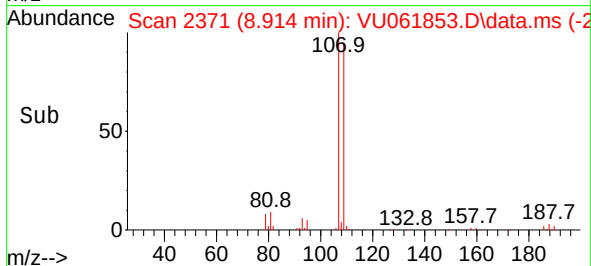


#50
1,2-Dibromoethane
Concen: 20.502 ug/L
RT: 8.914 min Scan# 24
Delta R.T. -0.003 min
Lab File: VU061853.D
Acq: 19 Nov 2024 14:38

Instrument :
MSVOA_U
ClientSampleId :

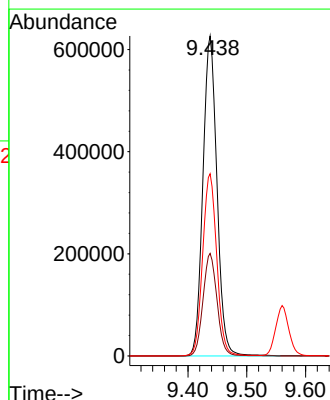
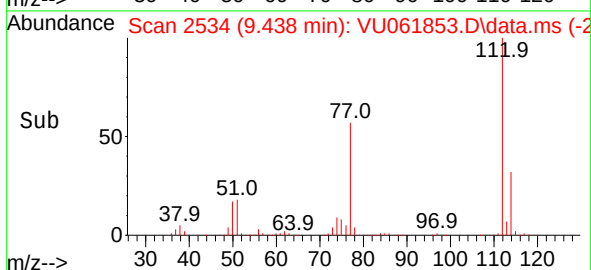
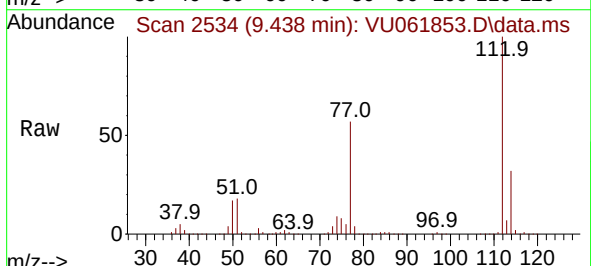


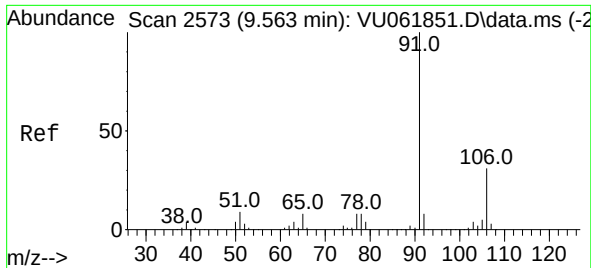
Tgt Ion:107 Resp: 279649
Ion Ratio Lower Upper
107 100
109 94.4 65.2 121.2
188 3.2 3.0 4.4



#51
Chlorobenzene
Concen: 19.381 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. -0.003 min
Lab File: VU061853.D
Acq: 19 Nov 2024 14:38

Tgt Ion:112 Resp: 1039283
Ion Ratio Lower Upper
112 100
114 32.1 22.7 42.3
77 57.0 46.7 70.1

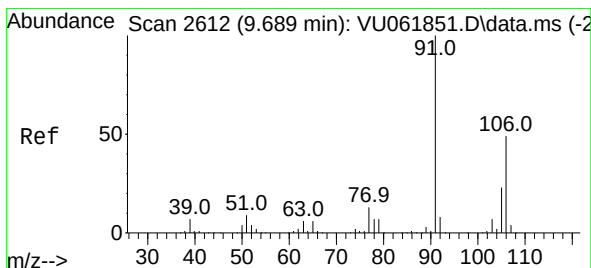
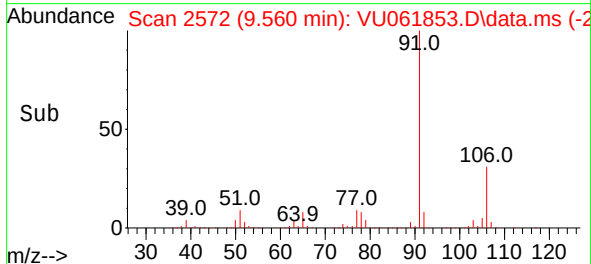
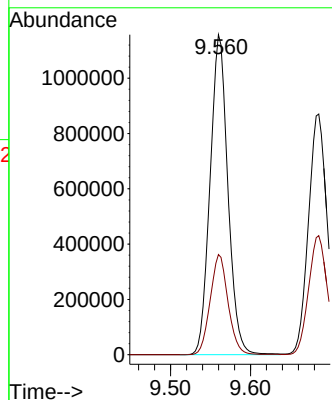
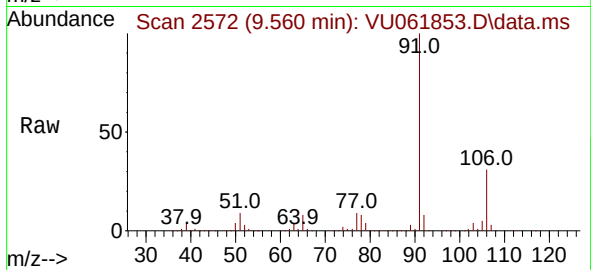




#52
Ethylbenzene
Concen: 20.249 ug/L
RT: 9.560 min Scan# 2572
Delta R.T. -0.003 min
Lab File: VU061853.D
Acq: 19 Nov 2024 14:38

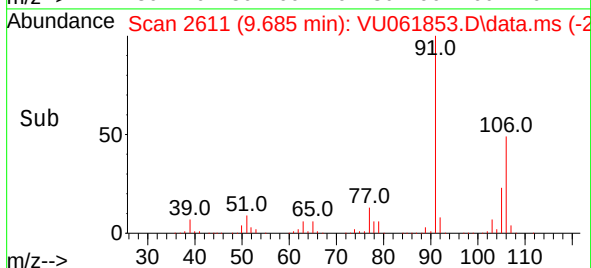
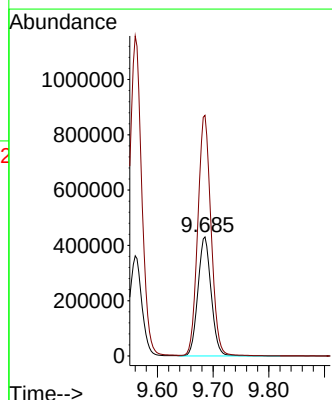
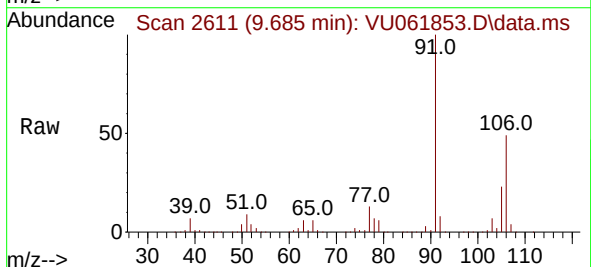
Instrument :
MSVOA_U
ClientSampleId :

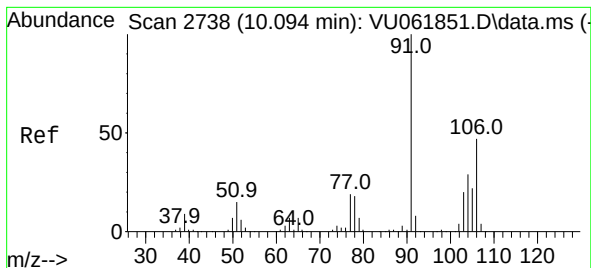
Tgt Ion: 91 Resp: 1793296
Ion Ratio Lower Upper
91 100
106 31.3 21.8 40.6



#53
m,p-Xylene
Concen: 21.004 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.003 min
Lab File: VU061853.D
Acq: 19 Nov 2024 14:38

Tgt Ion:106 Resp: 710654
Ion Ratio Lower Upper
106 100
91 202.1 142.0 263.8





#54

o-Xylene

Concen: 22.924 ug/L

RT: 10.090 min Scan# 2738

Delta R.T. -0.003 min

Lab File: VU061853.D

Acq: 19 Nov 2024 14:38

Instrument :

MSVOA_U

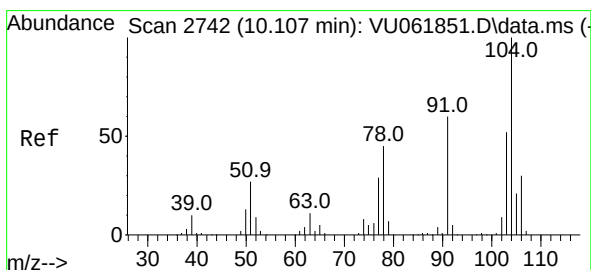
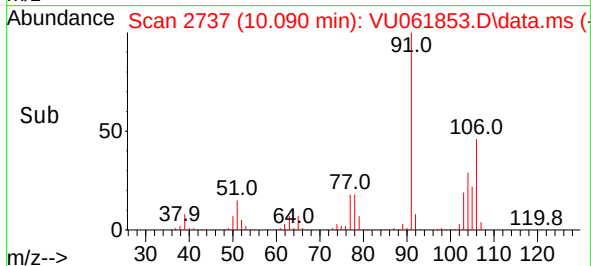
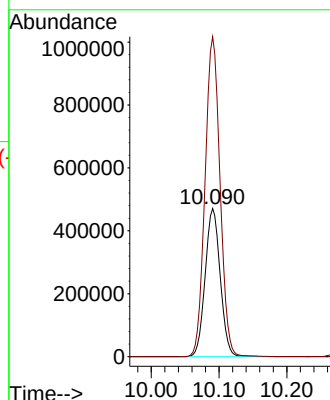
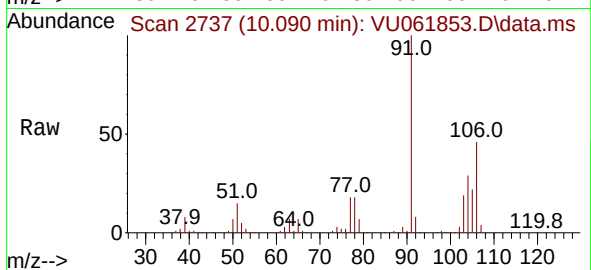
ClientSampleId :

Tgt Ion:106 Resp: 724908

Ion Ratio Lower Upper

106 100

91 216.1 148.2 275.2



#55

Styrene

Concen: 23.308 ug/L

RT: 10.103 min Scan# 2741

Delta R.T. -0.003 min

Lab File: VU061853.D

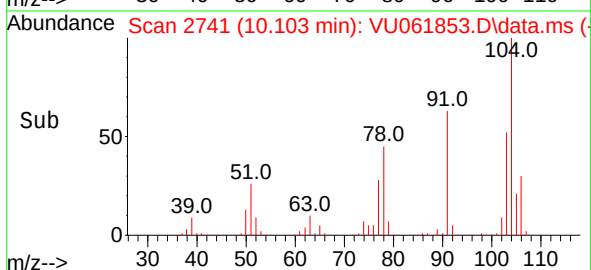
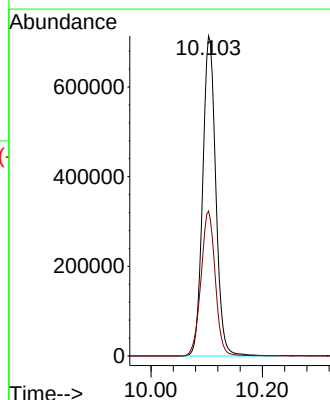
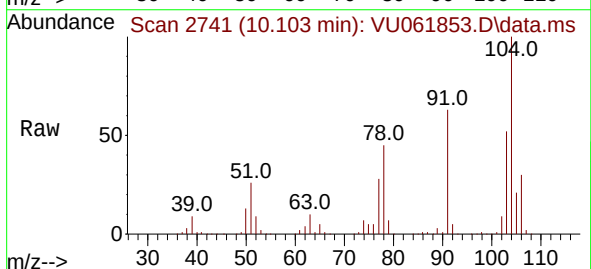
Acq: 19 Nov 2024 14:38

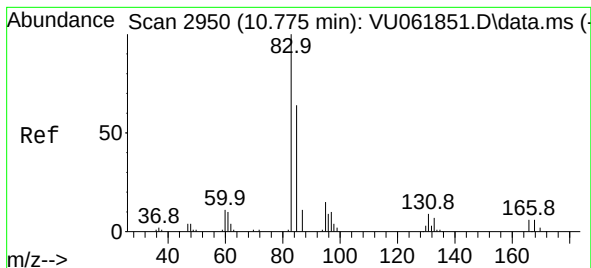
Tgt Ion:104 Resp: 1168981

Ion Ratio Lower Upper

104 100

78 45.3 31.6 58.8





#57

1,1,2,2-Tetrachloroethane

Concen: 21.726 ug/L

RT: 10.772 min Scan# 2950

Delta R.T. -0.003 min

Lab File: VU061853.D

Acq: 19 Nov 2024 14:38

Instrument :

MSVOA_U

ClientSampleId :

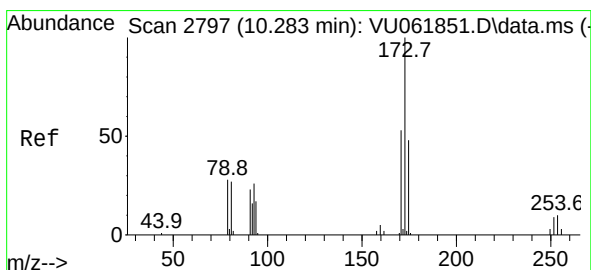
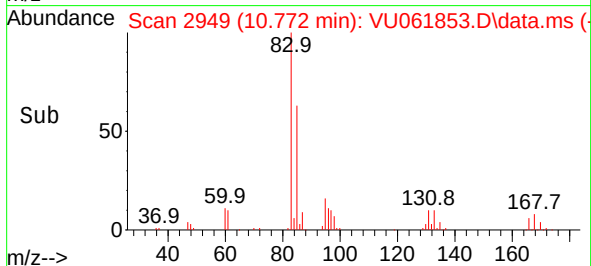
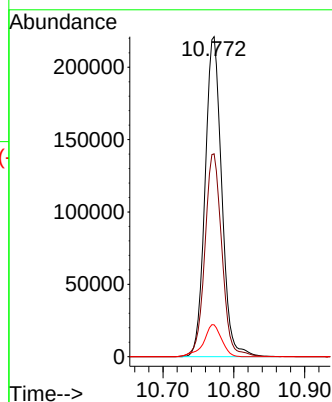
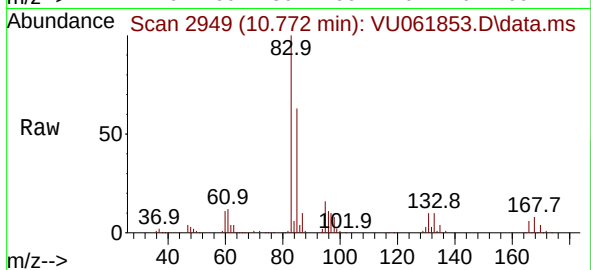
Tgt Ion: 83 Resp: 360085

Ion Ratio Lower Upper

83 100

85 63.4 45.1 83.7

131 9.9 7.7 11.5



#59

Bromoform

Concen: 26.850 ug/L

RT: 10.280 min Scan# 2796

Delta R.T. -0.003 min

Lab File: VU061853.D

Acq: 19 Nov 2024 14:38

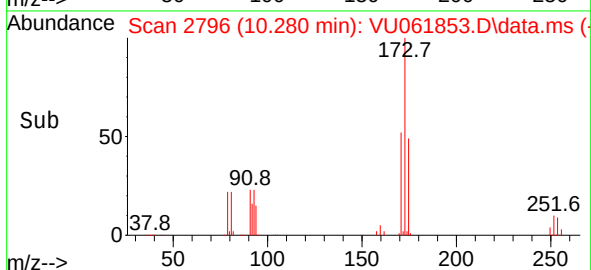
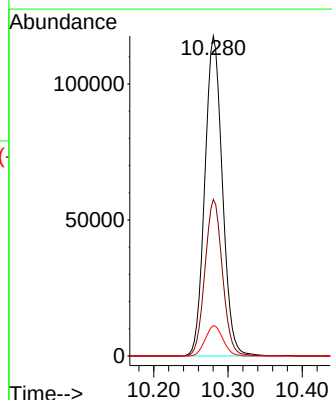
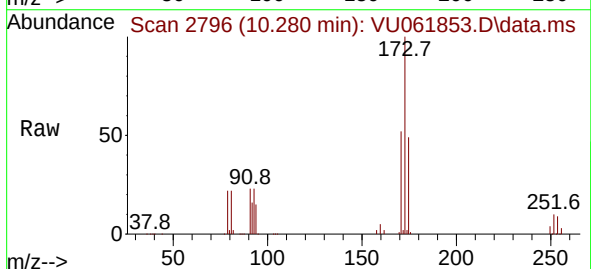
Tgt Ion:173 Resp: 193142

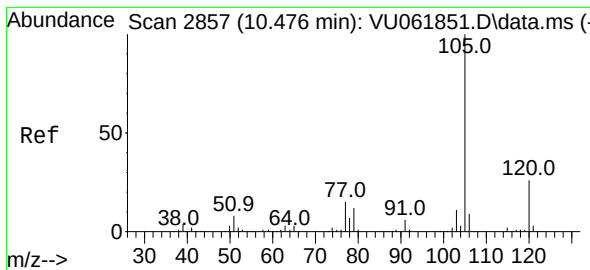
Ion Ratio Lower Upper

173 100

175 48.6 37.0 55.6

254 9.5 7.4 11.0





#60

Isopropylbenzene

Concen: 24.887 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU061853.D

Acq: 19 Nov 2024 14:38

Instrument :

MSVOA_U

ClientSampleId :

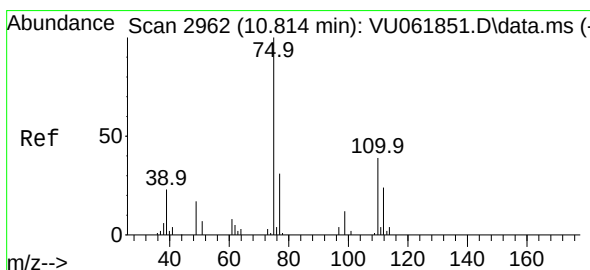
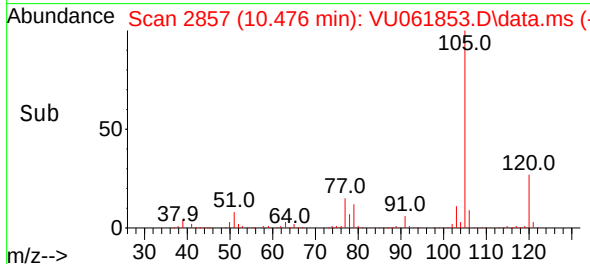
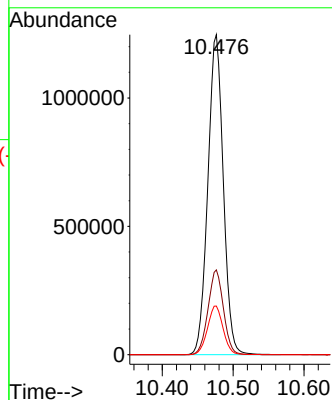
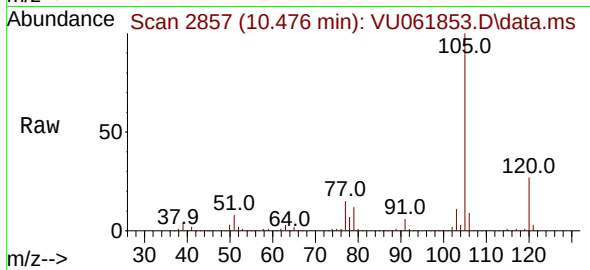
Tgt Ion:105 Resp: 1884743

Ion Ratio Lower Upper

105 100

120 26.5 21.1 31.7

77 15.4 12.3 18.5



#61

1,2,3-Trichloropropane

Concen: 22.727 ug/L

RT: 10.811 min Scan# 2961

Delta R.T. -0.003 min

Lab File: VU061853.D

Acq: 19 Nov 2024 14:38

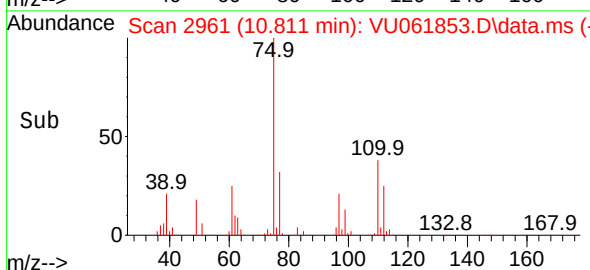
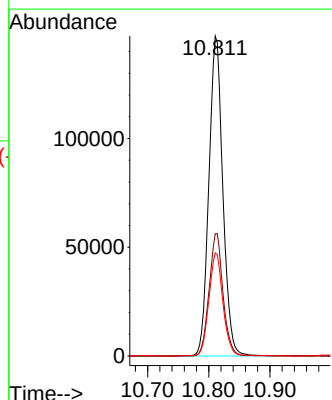
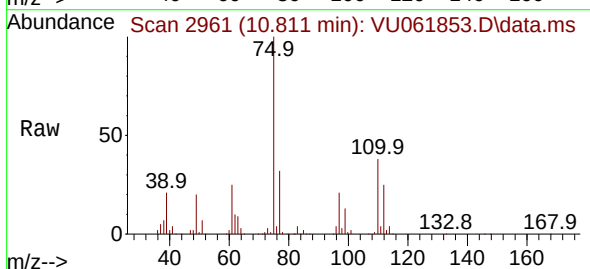
Tgt Ion: 75 Resp: 233268

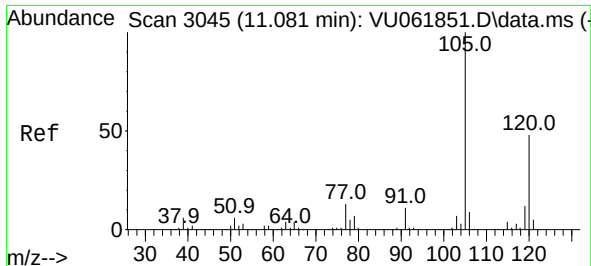
Ion Ratio Lower Upper

75 100

110 38.2 30.6 46.0

77 32.3 25.3 37.9





#62

1,3,5-Trimethylbenzene

Concen: 25.785 ug/L

RT: 11.078 min Scan# 3044

Delta R.T. -0.003 min

Lab File: VU061853.D

Acq: 19 Nov 2024 14:38

Instrument :

MSVOA_U

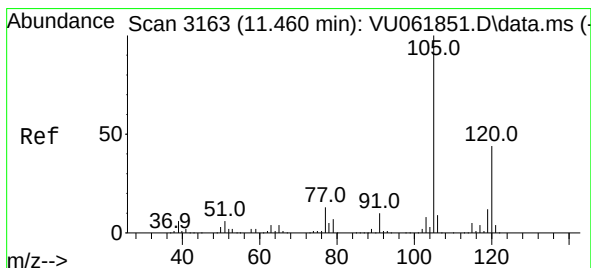
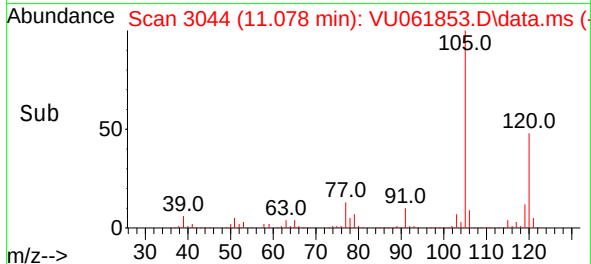
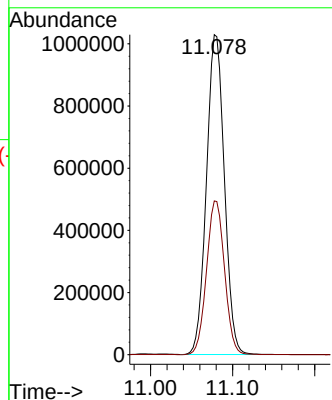
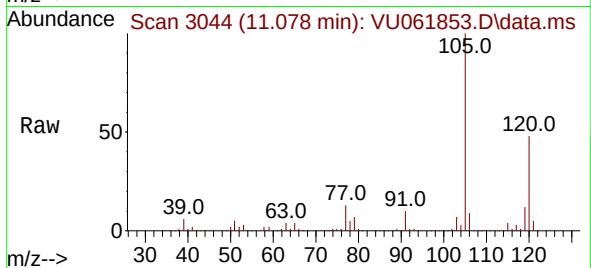
ClientSampleId :

Tgt Ion:105 Resp: 1559758

Ion Ratio Lower Upper

105 100

120 48.3 38.6 58.0



#63

1,2,4-Trimethylbenzene

Concen: 26.216 ug/L

RT: 11.457 min Scan# 3162

Delta R.T. -0.003 min

Lab File: VU061853.D

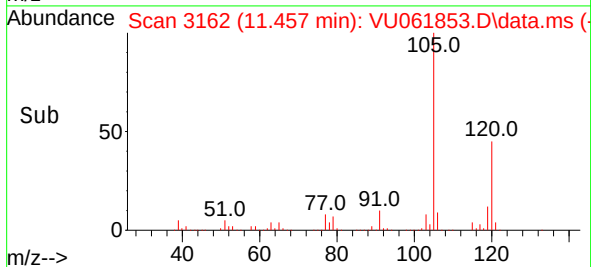
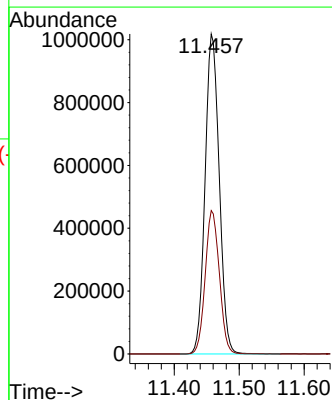
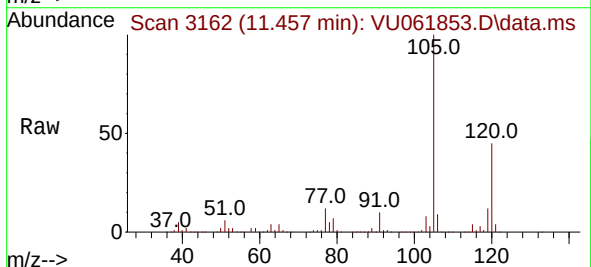
Acq: 19 Nov 2024 14:38

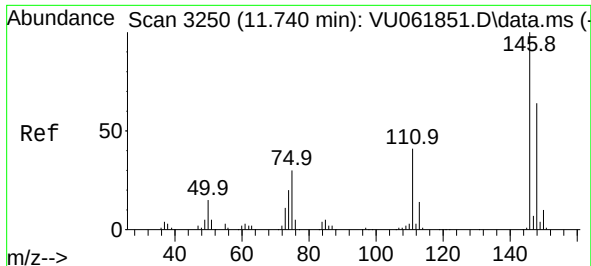
Tgt Ion:105 Resp: 1544686

Ion Ratio Lower Upper

105 100

120 44.8 35.7 53.5





#64

1,3-Dichlorobenzene

Concen: 20.061 ug/L

RT: 11.737 min Scan# 3249

Delta R.T. -0.003 min

Lab File: VU061853.D

Acq: 19 Nov 2024 14:38

Instrument :

MSVOA_U

ClientSampleId :

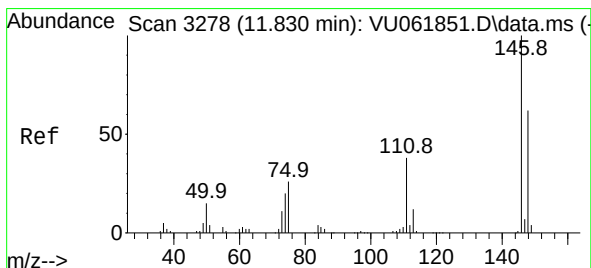
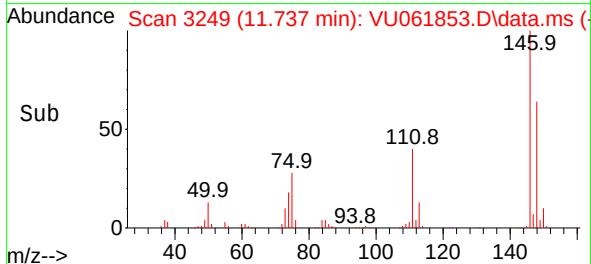
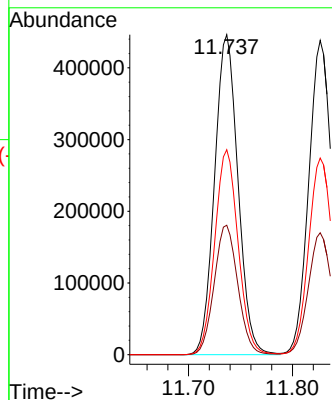
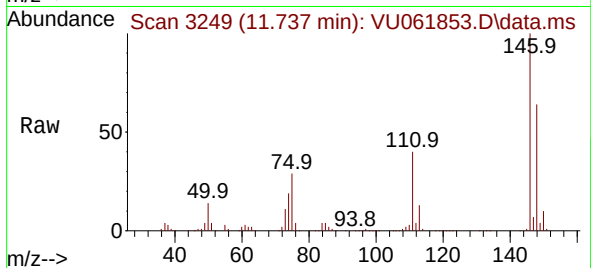
Tgt Ion:146 Resp: 699259

Ion Ratio Lower Upper

146 100

111 40.4 28.6 53.2

148 64.1 44.8 83.2



#65

1,4-Dichlorobenzene

Concen: 19.610 ug/L

RT: 11.827 min Scan# 3277

Delta R.T. -0.003 min

Lab File: VU061853.D

Acq: 19 Nov 2024 14:38

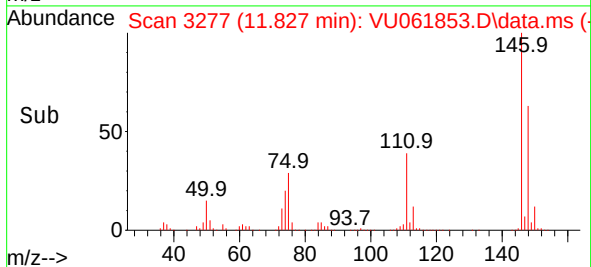
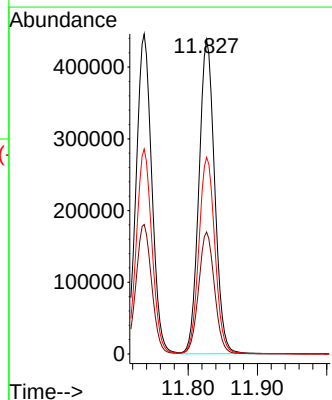
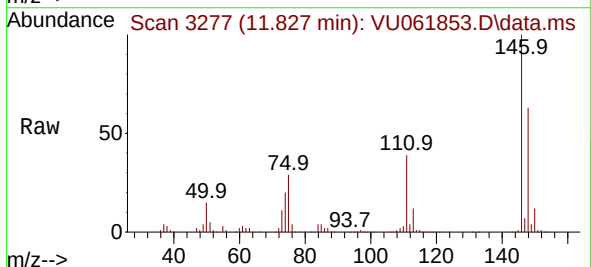
Tgt Ion:146 Resp: 693356

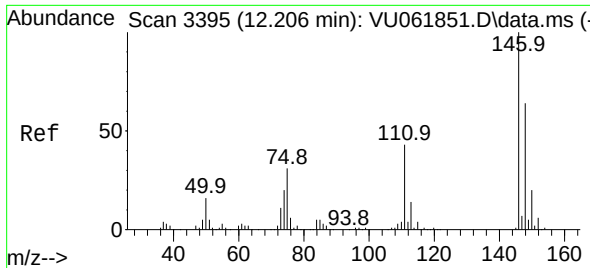
Ion Ratio Lower Upper

146 100

111 38.8 27.0 50.2

148 62.6 43.8 81.3





#67

1,2-Dichlorobenzene

Concen: 20.016 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. -0.003 min

Lab File: VU061853.D

Acq: 19 Nov 2024 14:38

Instrument :

MSVOA_U

ClientSampleId :

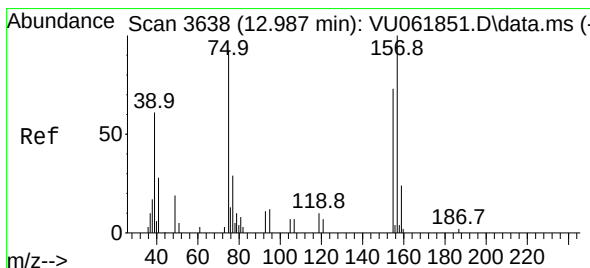
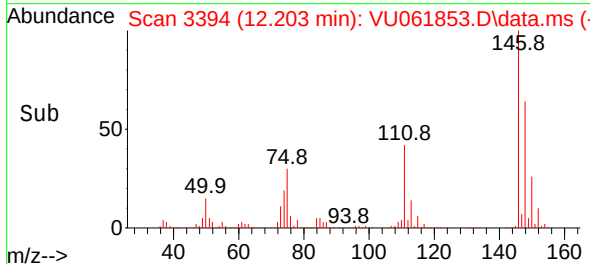
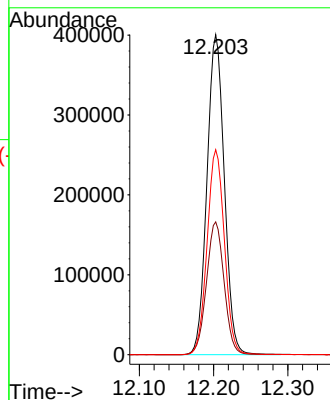
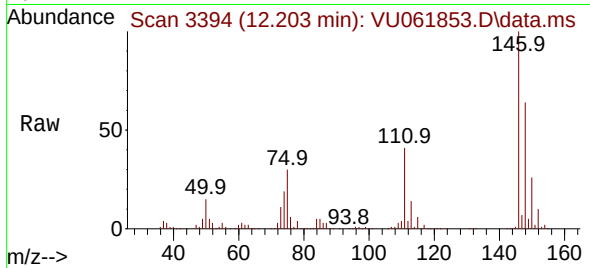
Tgt Ion:146 Resp: 648900

Ion Ratio Lower Upper

146 100

111 41.5 34.3 51.5

148 64.0 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 22.476 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. 0.000 min

Lab File: VU061853.D

Acq: 19 Nov 2024 14:38

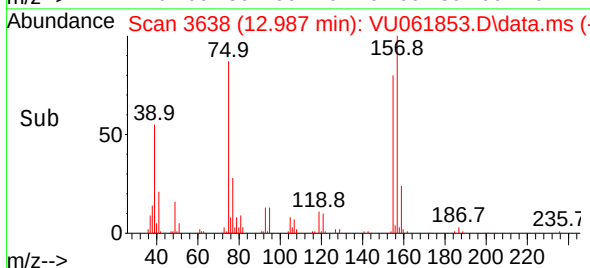
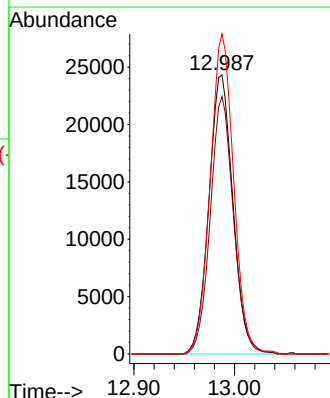
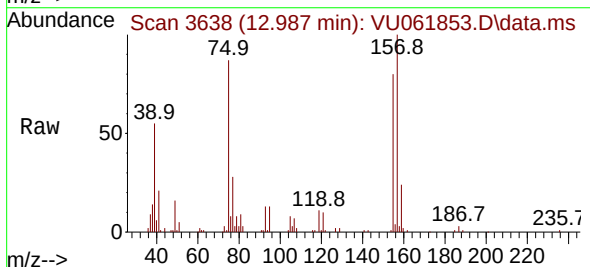
Tgt Ion: 75 Resp: 40366

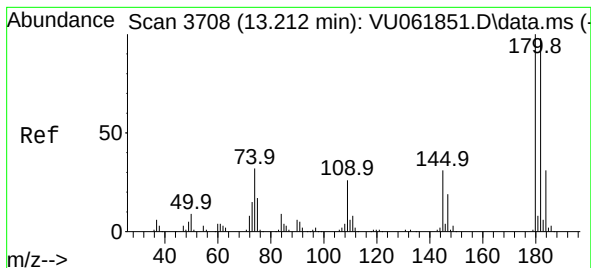
Ion Ratio Lower Upper

75 100

155 92.2 62.9 94.3

157 114.7 86.7 130.1





#69

1,3,5-Trichlorobenzene

Concen: 21.040 ug/L

RT: 13.209 min Scan# 31

Delta R.T. -0.003 min

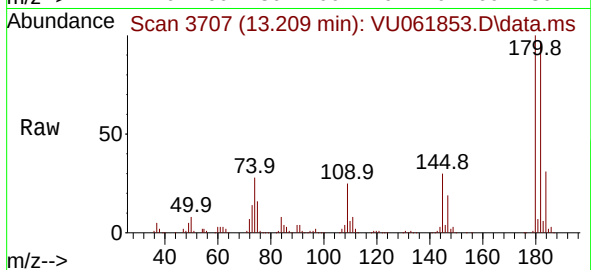
Lab File: VU061853.D

Acq: 19 Nov 2024 14:38

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 513196

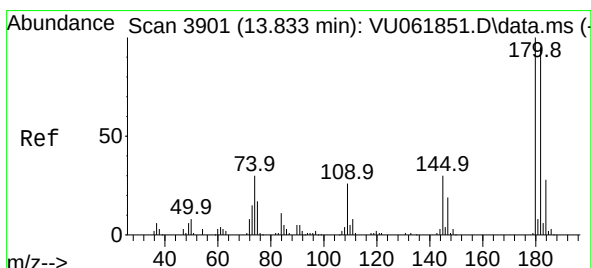
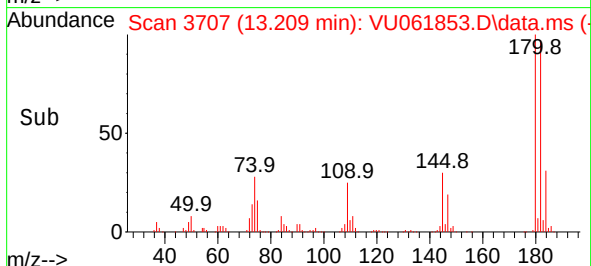
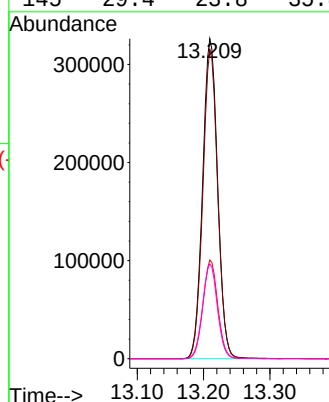
Ion Ratio Lower Upper

180 100

182 95.4 77.0 115.6

184 30.3 24.2 36.4

145 29.4 23.8 35.8



#70

1,2,4-trichlorobenzene

Concen: 23.504 ug/L

RT: 13.830 min Scan# 3900

Delta R.T. -0.003 min

Lab File: VU061853.D

Acq: 19 Nov 2024 14:38

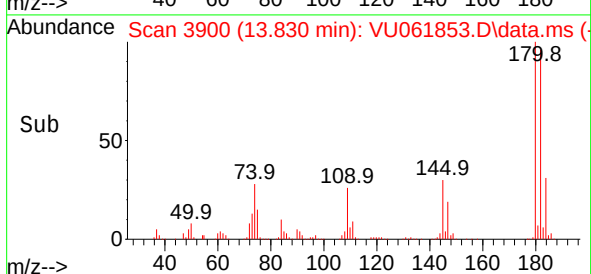
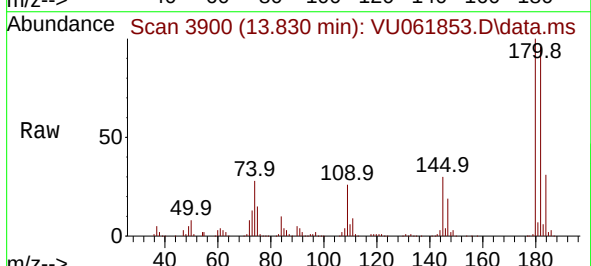
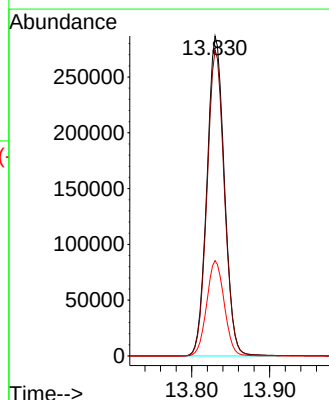
Tgt Ion:180 Resp: 445588

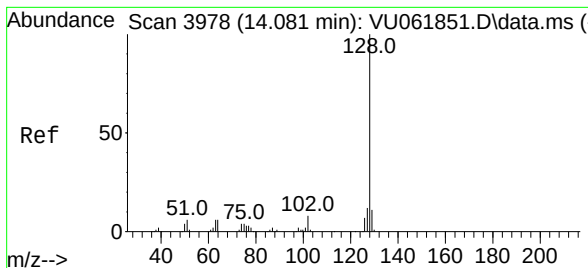
Ion Ratio Lower Upper

180 100

182 95.2 76.2 114.2

145 30.0 24.1 36.1





#71

Naphthalene

Concen: 26.449 ug/L

RT: 14.077 min Scan# 3978

Delta R.T. -0.003 min

Lab File: VU061853.D

Acq: 19 Nov 2024 14:38

Instrument :

MSVOA_U

ClientSampleId :

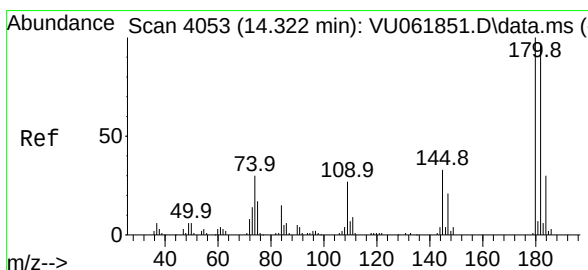
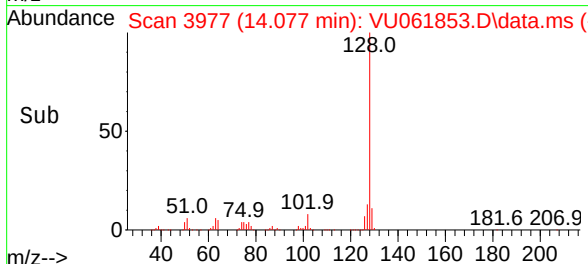
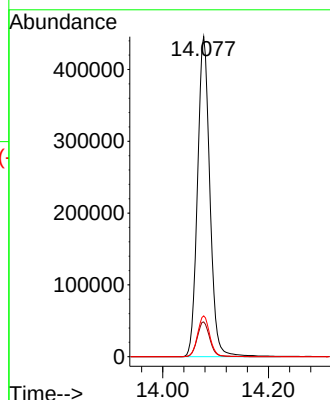
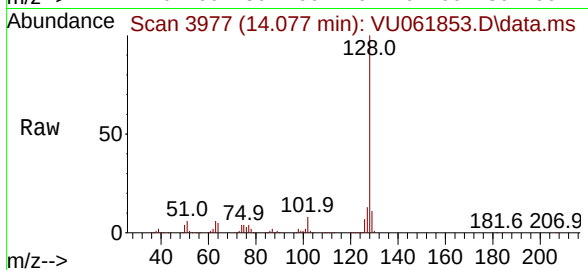
Tgt Ion:128 Resp: 721740

Ion Ratio Lower Upper

128 100

129 10.9 8.6 12.8

127 12.7 9.8 14.8



#72

1,2,3-Trichlorobenzene

Concen: 24.163 ug/L

RT: 14.319 min Scan# 4052

Delta R.T. -0.003 min

Lab File: VU061853.D

Acq: 19 Nov 2024 14:38

Tgt Ion:180 Resp: 384081

Ion Ratio Lower Upper

180 100

182 95.4 76.6 115.0

145 31.7 26.0 39.0

