

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
 Data File : VU060012.D
 Acq On : 18 Jul 2024 12:24
 Operator : MD/SY
 Sample : VSTD010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 19 01:04:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 19 01:02:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	146602	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	149119	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	83353	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	98026	9.577	ug/L	0.00
7) Chloroethane-d5	1.908	69	93030	9.499	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	38521	9.133	ug/L	0.00
20) 2-Butanone-d5	4.624	46	271519	124.896	ug/L	0.00
24) Chloroform-d	5.052	84	212650	10.063	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.692	65	99479	9.791	ug/L	0.00
32) Benzene-d6	5.721	84	416906	10.104	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	129342	10.141	ug/L	0.00
41) Toluene-d8	7.891	98	384538	10.048	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	47191	11.515	ug/L	0.00
46) 2-Hexanone-d5	8.624	63	239854	140.821	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	122254	11.411	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	147764	9.842	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	108096	8.813	ug/L	100
3) Chloromethane	1.515	50	124679	9.422	ug/L	100
5) Vinyl chloride	1.599	62	144993	9.811	ug/L	98
6) Bromomethane	1.853	94	96253	9.390	ug/L	97
8) Chloroethane	1.930	64	90953	10.142	ug/L	98
9) Trichlorofluoromethane	2.133	101	184452	10.197	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	118750	10.265	ug/L	99
12) 1,1-Dichloroethene	2.573	96	108708	10.282	ug/L	94
13) Acetone	2.641	43	166281	117.272	ug/L	96
14) Carbon disulfide	2.789	76	309100	9.036	ug/L	100
15) Methyl Acetate	2.949	43	43213	11.913	ug/L	96
16) Methylene chloride	3.039	84	129242	10.277	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	267367	11.612	ug/L	100
18) trans-1,2-Dichloroethene	3.345	96	113951	10.434	ug/L	97
19) 1,1-Dichloroethane	3.859	63	212769	10.474	ug/L	99
21) 2-Butanone	4.702	43	278407	123.700	ug/L	96
22) cis-1,2-Dichloroethene	4.657	96	135053	11.150	ug/L	99
23) Bromochloromethane	4.965	128	62958	11.301	ug/L	96
25) Chloroform	5.078	83	232353	10.801	ug/L	99
27) 1,2-Dichloroethane	5.785	62	138074	10.816	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	184782	10.527	ug/L	99
30) Cyclohexane	5.380	56	162563	10.834	ug/L	97
31) Carbon tetrachloride	5.515	117	156535	10.597	ug/L	99
33) Benzene	5.766	78	500493	10.862	ug/L	100
34) Trichloroethene	6.534	95	131884	10.664	ug/L	98
35) Methylcyclohexane	6.756	83	188906	10.825	ug/L	99
37) 1,2-Dichloropropane	6.782	63	132382	11.112	ug/L	100
38) Bromodichloromethane	7.097	83	163309	10.963	ug/L	96
39) cis-1,3-Dichloropropene	7.602	75	188954	11.659	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	687540	124.907	ug/L	98
42) Toluene	7.962	91	558427	11.430	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	155159	11.856	ug/L	99

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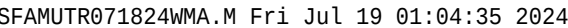
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 MSVOA_U
 ClientSampleId :

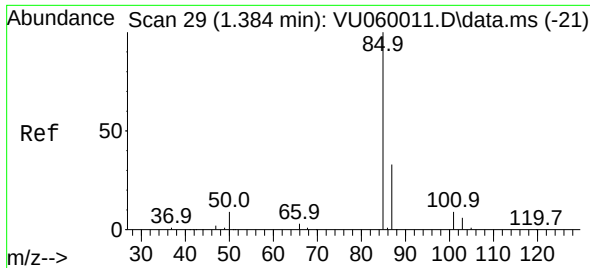
Quant Time: Jul 19 01:04:25 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.393	97	104455	11.784	ug/L	99
47) Tetrachloroethene	8.547	164	107680	10.988	ug/L	100
48) 2-Hexanone	8.676	43	508160	129.341	ug/L	100
49) Dibromochloromethane	8.801	129	112825	11.392	ug/L	100
50) 1,2-Dibromoethane	8.917	107	95713	11.696	ug/L	96
51) Chlorobenzene	9.441	112	345552	11.147	ug/L	99
52) Ethylbenzene	9.563	91	572475	11.491	ug/L	99
53) m,p-Xylene	9.689	106	227083	11.857	ug/L	96
54) o-Xylene	10.094	106	217112	11.901	ug/L	95
55) Styrene	10.107	104	388031	12.514	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	130277	12.057	ug/L	98
59) Bromoform	10.283	173	73238	11.229	ug/L	99
60) Isopropylbenzene	10.476	105	577610	11.126	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	87185	11.193	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	463395	11.365	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	463907	11.898	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	290931	10.846	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	289370	10.593	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	278498	11.073	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	18507	12.073	ug/L	94
69) 1,3,5-Trichlorobenzene	13.213	180	219600	11.025	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	178900	11.764	ug/L	99
71) Naphthalene	14.081	128	278253	12.884	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	170998	12.136	ug/L	99

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

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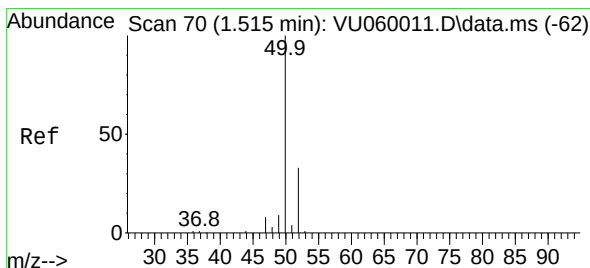
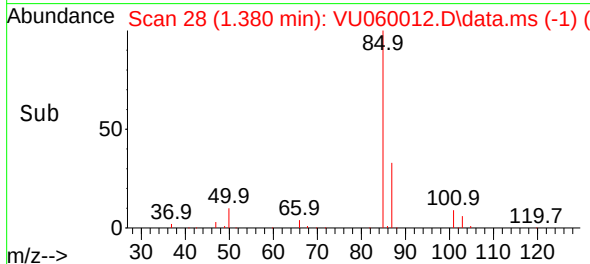
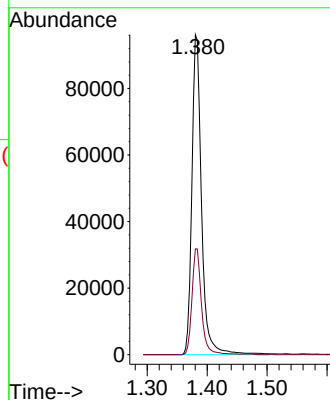
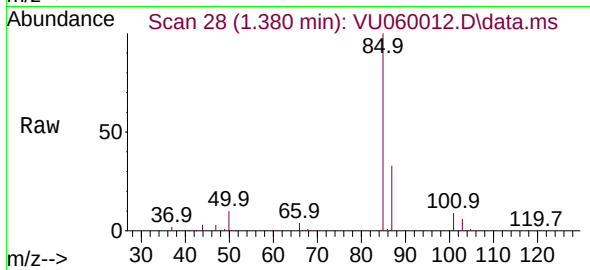




#2
 Dichlorodifluoromethane
 Concen: 8.813 ug/L
 RT: 1.380 min Scan# 29
 Delta R.T. -0.003 min
 Lab File: VU060012.D
 Acq: 18 Jul 2024 12:24

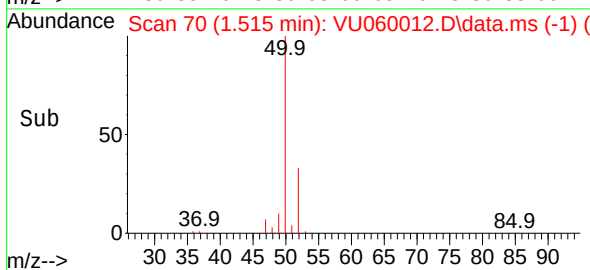
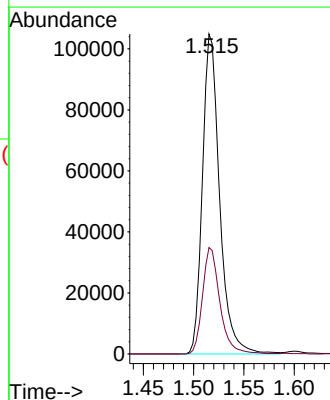
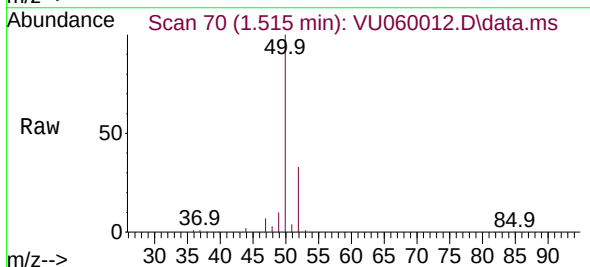
Instrument :
 MSVOA_U
 ClientSampleId :

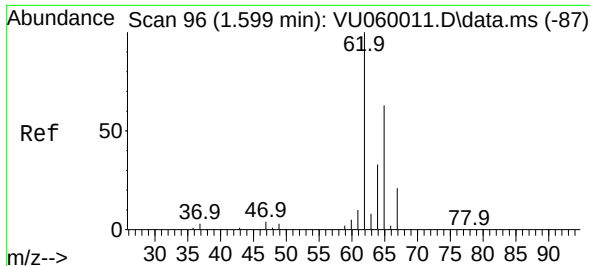
Tgt Ion: 85 Resp: 108096
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.1 39.1



#3
 Chloromethane
 Concen: 9.422 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VU060012.D
 Acq: 18 Jul 2024 12:24

Tgt Ion: 50 Resp: 124679
 Ion Ratio Lower Upper
 50 100
 52 33.3 23.4 43.4

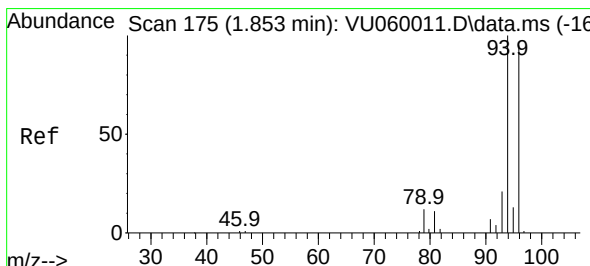
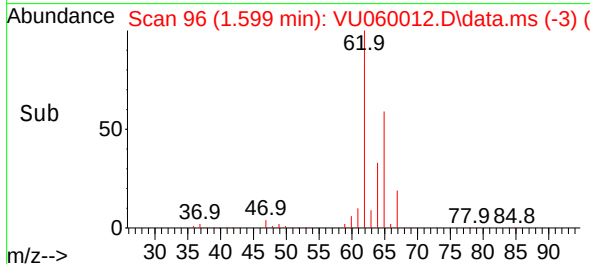
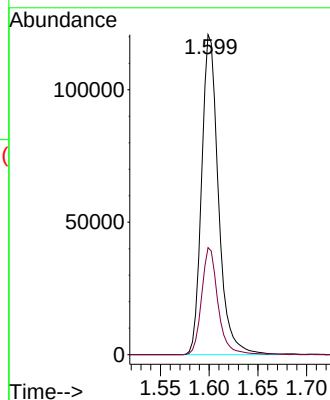
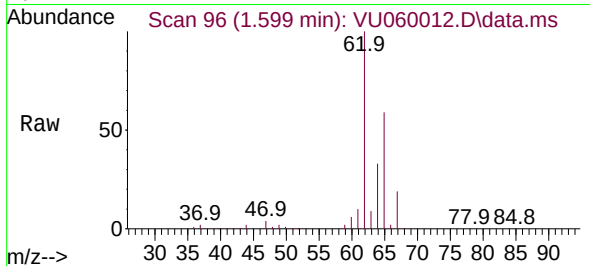




#5
 Vinyl chloride
 Concen: 9.811 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. -0.000 min
 Lab File: VU060012.D
 Acq: 18 Jul 2024 12:24

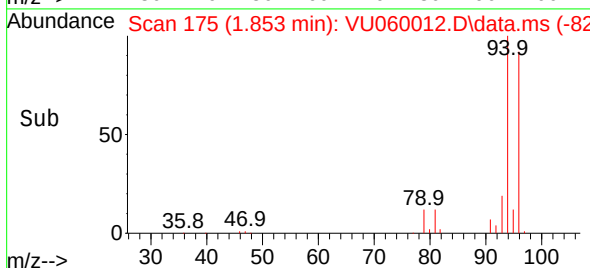
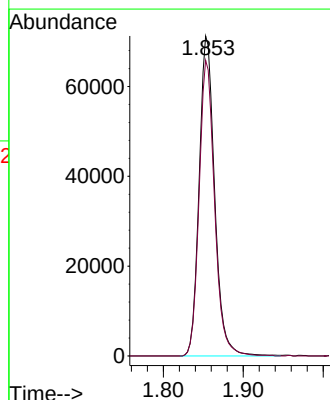
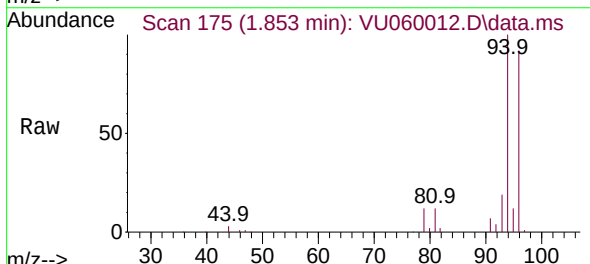
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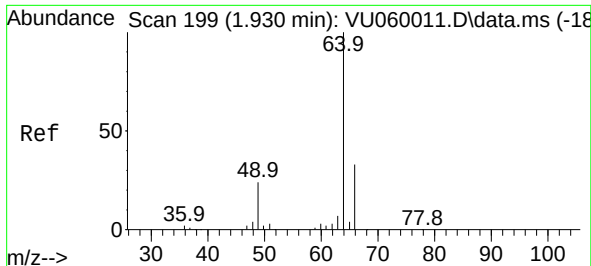
Tgt Ion: 62 Resp: 144993
 Ion Ratio Lower Upper
 62 100
 64 33.5 22.8 42.4



#6
 Bromomethane
 Concen: 9.390 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.000 min
 Lab File: VU060012.D
 Acq: 18 Jul 2024 12:24

Tgt Ion: 94 Resp: 96253
 Ion Ratio Lower Upper
 94 100
 96 92.4 66.6 123.6

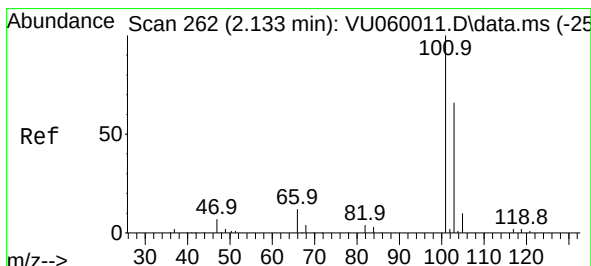
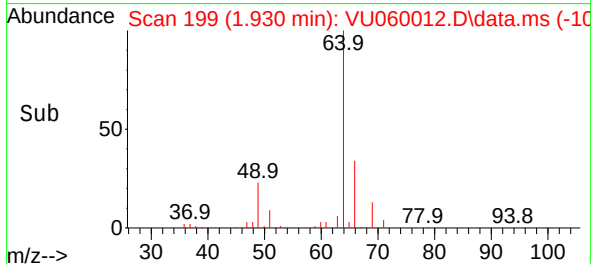
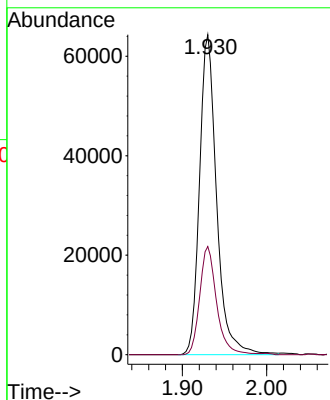
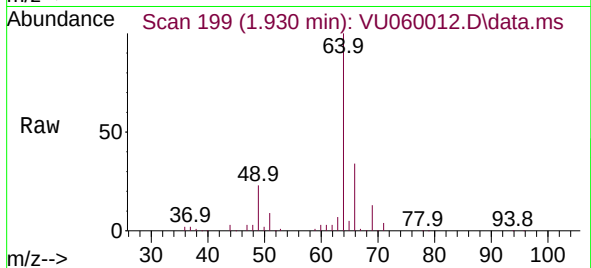




#8
Chloroethane
Concen: 10.142 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU060012.D
Acq: 18 Jul 2024 12:24

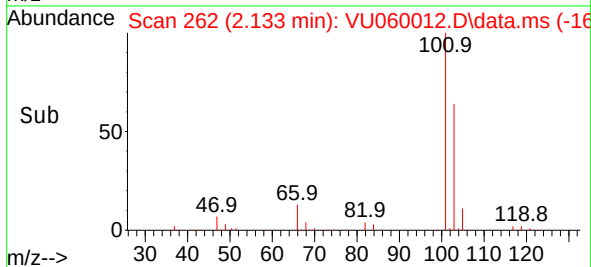
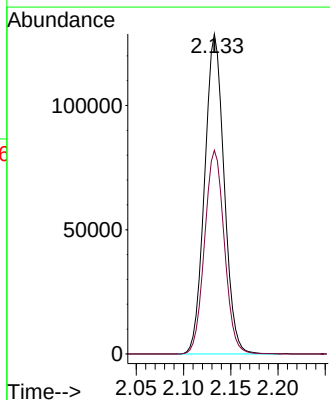
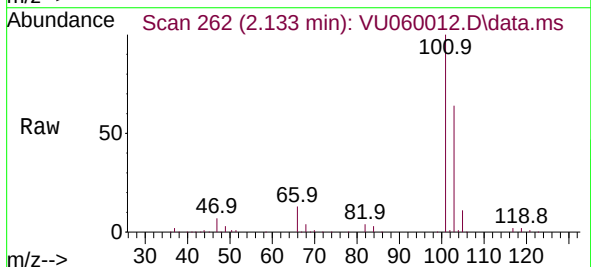
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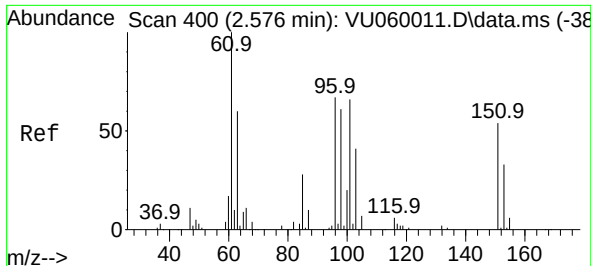
Tgt Ion: 64 Resp: 90953
Ion Ratio Lower Upper
64 100
66 33.8 22.8 42.4



#9
Trichlorofluoromethane
Concen: 10.197 ug/L
RT: 2.133 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU060012.D
Acq: 18 Jul 2024 12:24

Tgt Ion:101 Resp: 184452
Ion Ratio Lower Upper
101 100
103 64.5 51.4 77.2

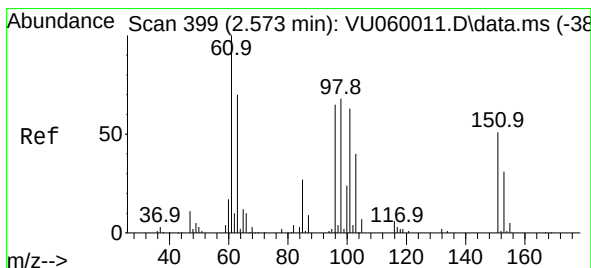
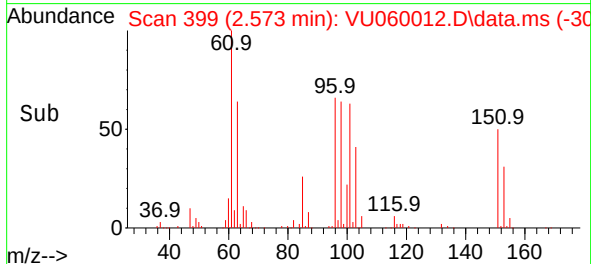
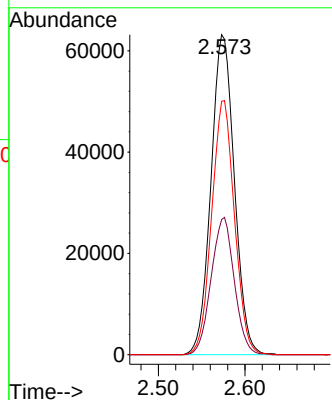
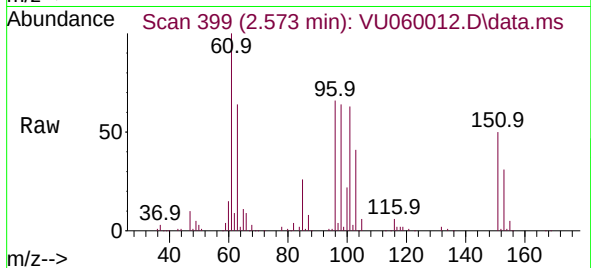




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 10.265 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU060012.D
Acq: 18 Jul 2024 12:24

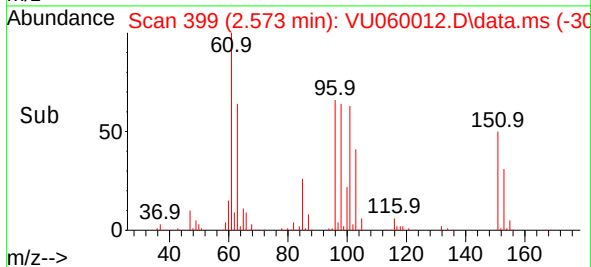
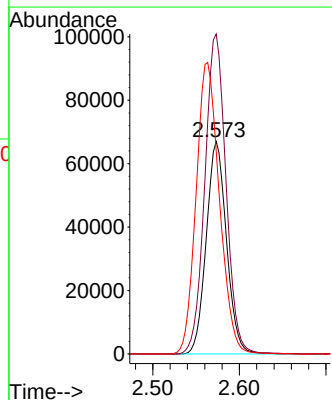
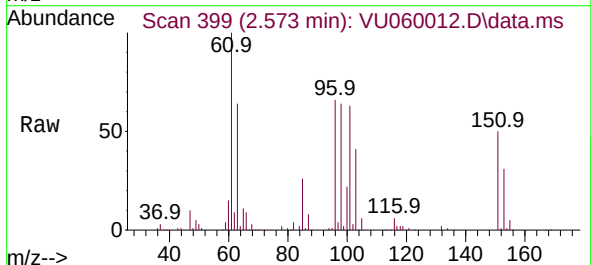
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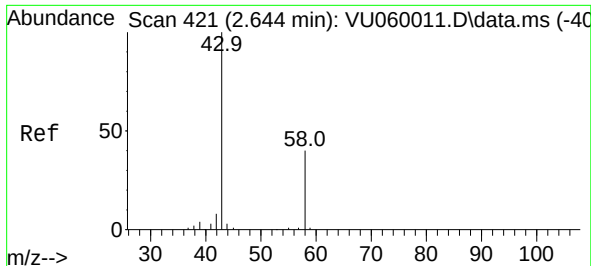
Tgt Ion:101 Resp: 118750
Ion Ratio Lower Upper
101 100
85 42.4 33.2 49.8
151 77.4 61.8 92.8



#12
1,1-Dichloroethene
Concen: 10.282 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU060012.D
Acq: 18 Jul 2024 12:24

Tgt Ion: 96 Resp: 108708
Ion Ratio Lower Upper
96 100
61 150.6 107.0 198.6
63 95.7 76.4 142.0





#13

Acetone

Concen: 117.272 ug/L

RT: 2.641 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU060012.D

Acq: 18 Jul 2024 12:24

Instrument :

MSVOA_U

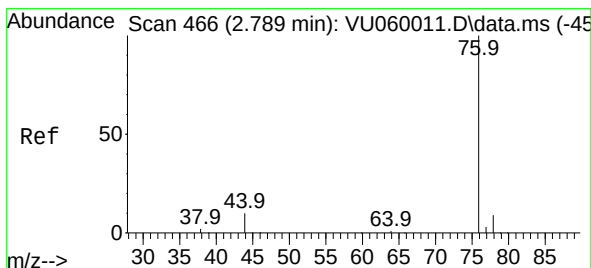
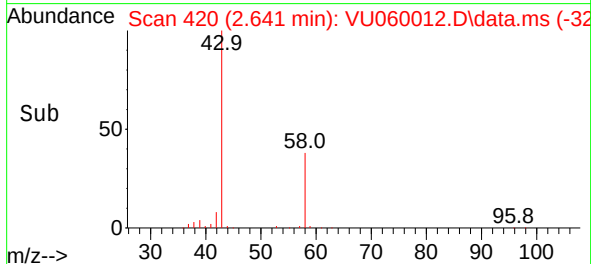
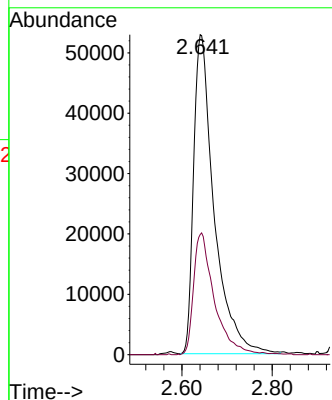
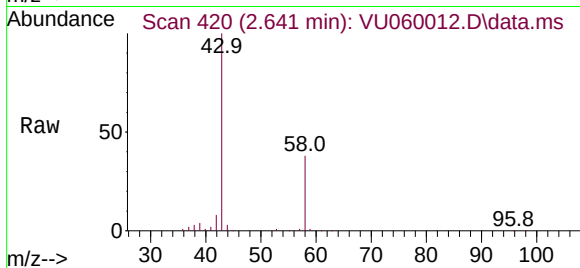
ClientSampleId :

Tgt Ion: 43 Resp: 166281

Ion Ratio Lower Upper

43 100

58 38.4 0.0 82.2



#14

Carbon disulfide

Concen: 9.036 ug/L

RT: 2.789 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU060012.D

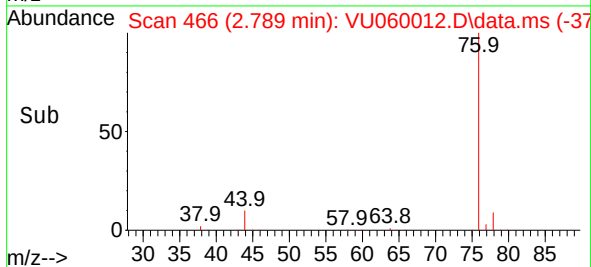
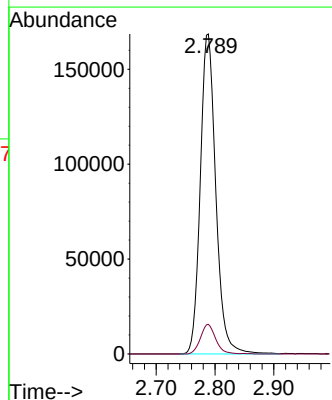
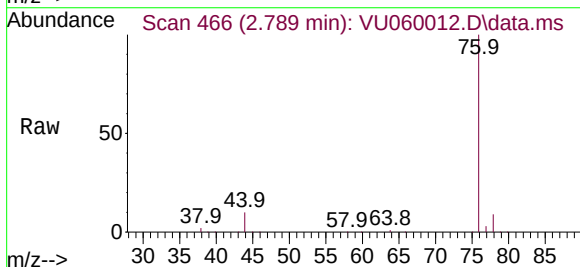
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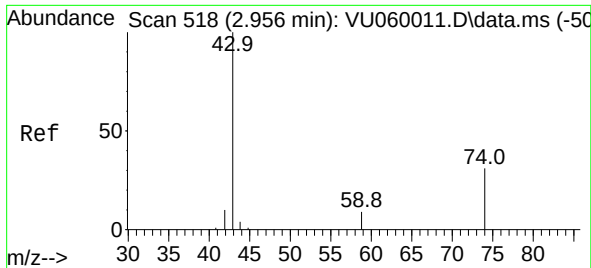
Tgt Ion: 76 Resp: 309100

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0





#15

Methyl Acetate

Concen: 11.913 ug/L

RT: 2.949 min Scan# 518

Delta R.T. -0.007 min

Lab File: VU060012.D

Acq: 18 Jul 2024 12:24

Instrument :

MSVOA_U

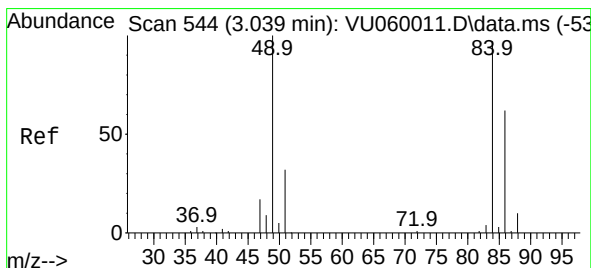
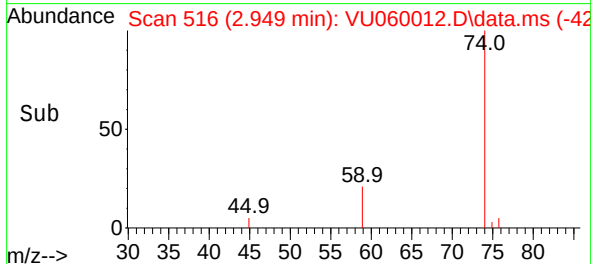
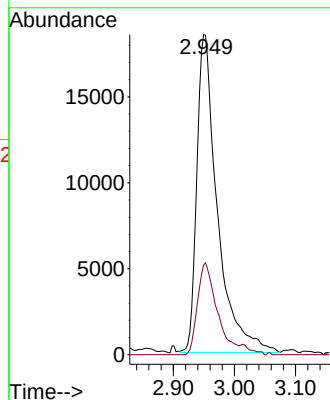
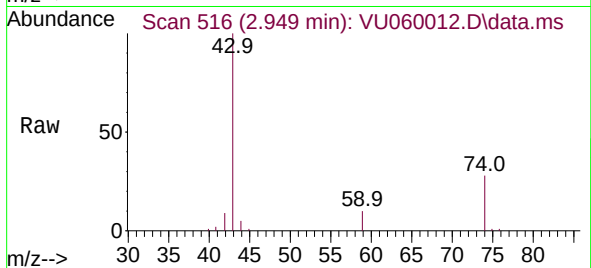
ClientSampleId :

Tgt Ion: 43 Resp: 43213

Ion Ratio Lower Upper

43 100

74 27.2 23.5 35.3



#16

Methylene chloride

Concen: 10.277 ug/L

RT: 3.039 min Scan# 544

Delta R.T. -0.000 min

Lab File: VU060012.D

Acq: 18 Jul 2024 12:24

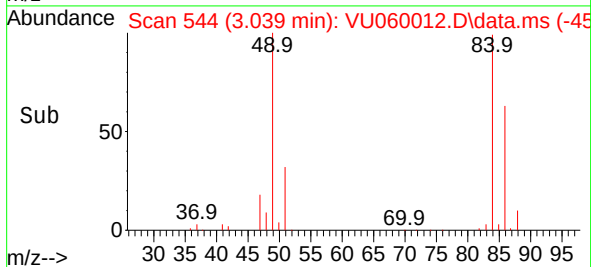
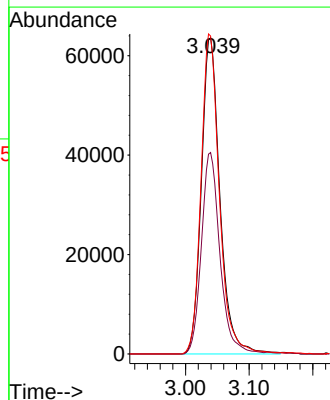
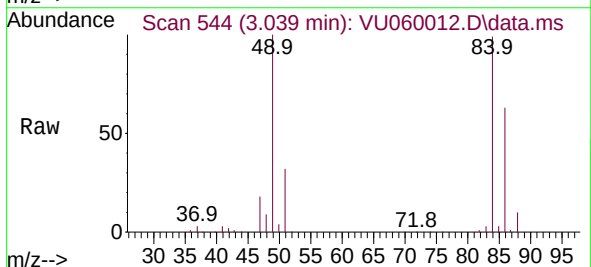
Tgt Ion: 84 Resp: 129242

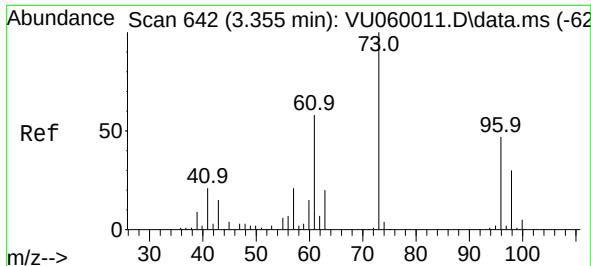
Ion Ratio Lower Upper

84 100

86 63.7 44.4 82.5

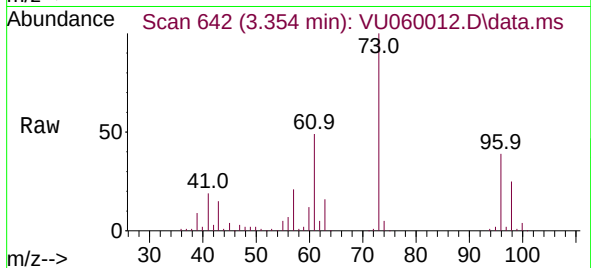
49 100.5 72.0 133.6





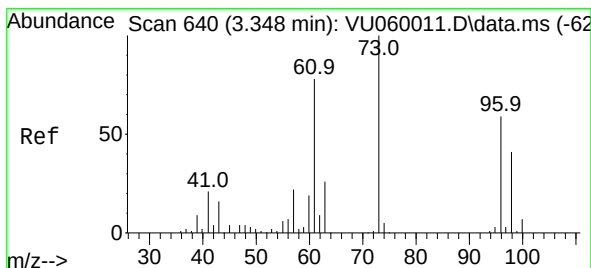
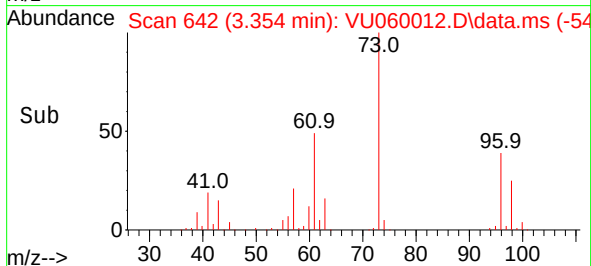
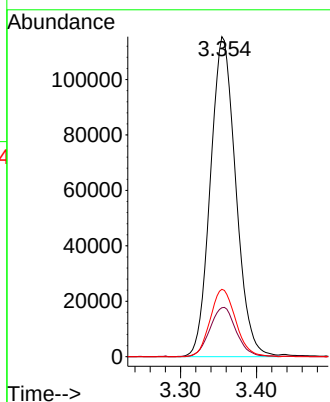
#17
Methyl tert-butyl Ether
Concen: 11.612 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU060012.D
Acq: 18 Jul 2024 12:24

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 73 Resp: 267367

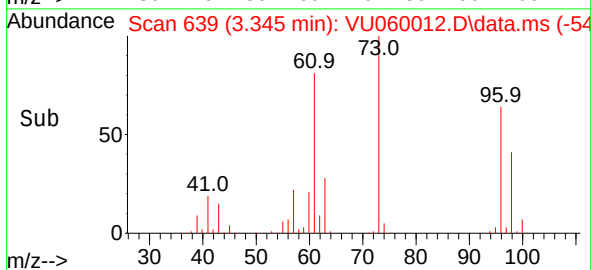
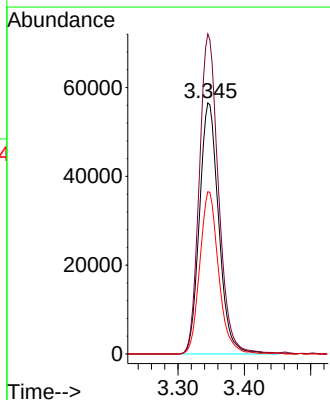
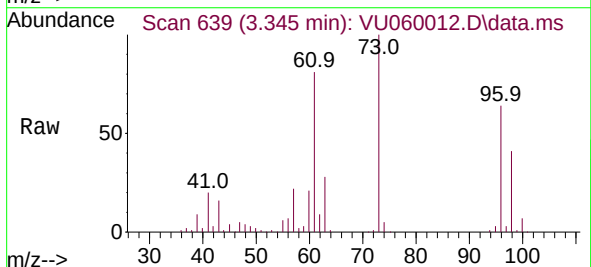
Ion	Ratio	Lower	Upper
73	100		
43	16.1	13.1	19.7
57	21.2	17.0	25.4

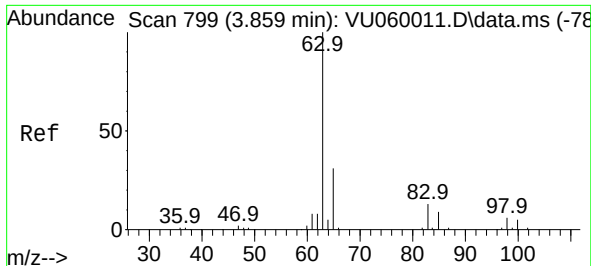


#18
trans-1,2-Dichloroethene
Concen: 10.434 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU060012.D
Acq: 18 Jul 2024 12:24

Tgt Ion: 96 Resp: 113951

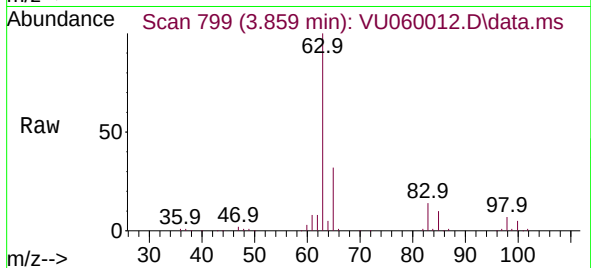
Ion	Ratio	Lower	Upper
96	100		
61	127.5	91.6	170.0
98	64.6	47.7	88.5



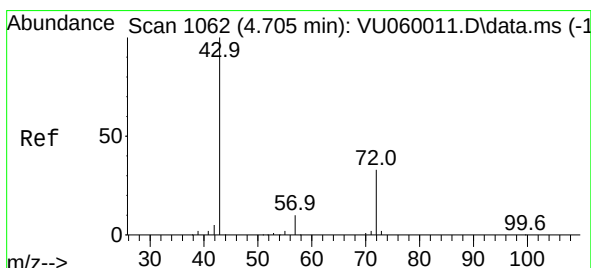
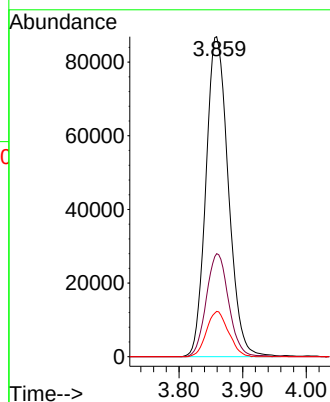
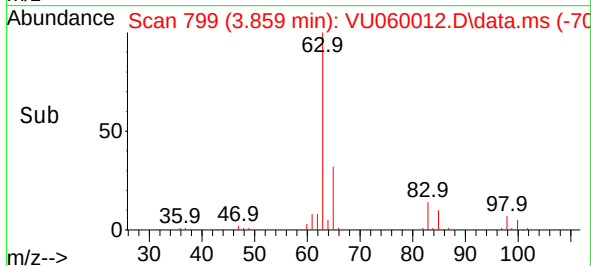


#19
1,1-Dichloroethane
Concen: 10.474 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU060012.D
Acq: 18 Jul 2024 12:24

Instrument :
MSVOA_U
ClientSampleId :

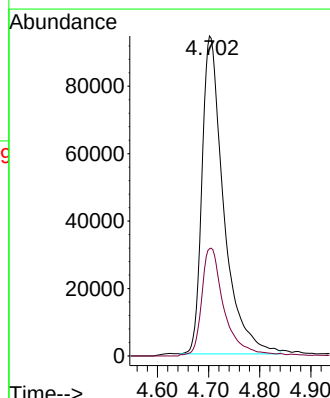
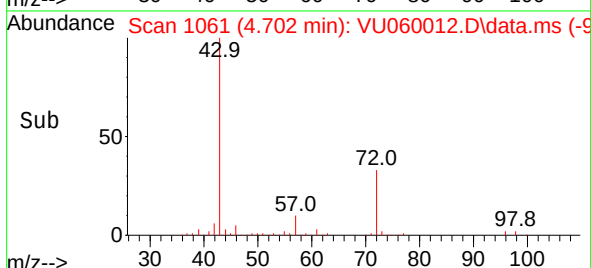
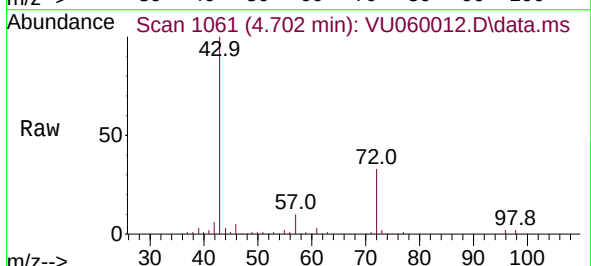


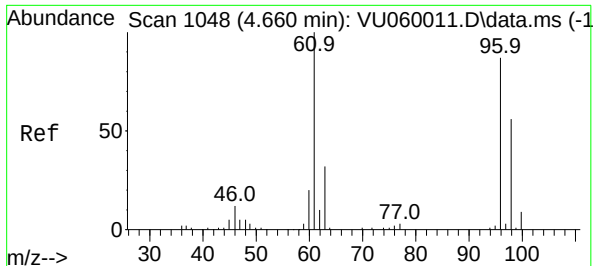
Tgt Ion: 63 Resp: 212769
Ion Ratio Lower Upper
63 100
65 32.2 22.0 40.8
83 14.1 9.7 17.9



#21
2-Butanone
Concen: 123.700 ug/L
RT: 4.702 min Scan# 1061
Delta R.T. -0.003 min
Lab File: VU060012.D
Acq: 18 Jul 2024 12:24

Tgt Ion: 43 Resp: 278407
Ion Ratio Lower Upper
43 100
72 35.0 16.3 48.9





#22

cis-1,2-Dichloroethene

Concen: 11.150 ug/L

RT: 4.657 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU060012.D

Acq: 18 Jul 2024 12:24

Instrument :

MSVOA_U

ClientSampleId :

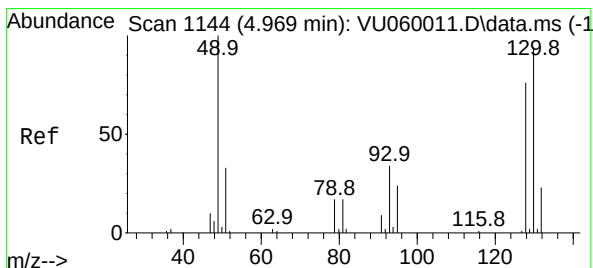
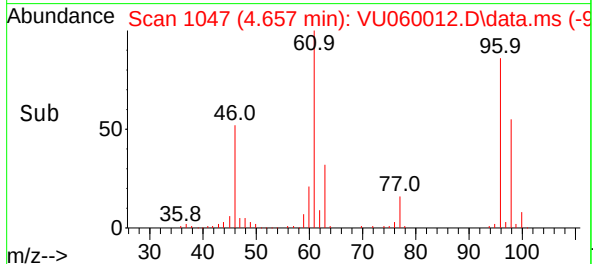
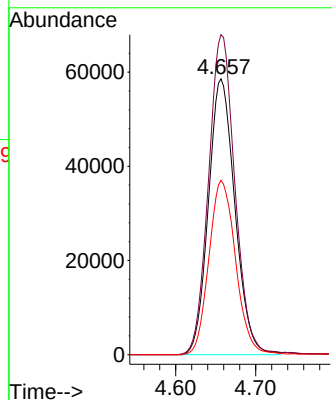
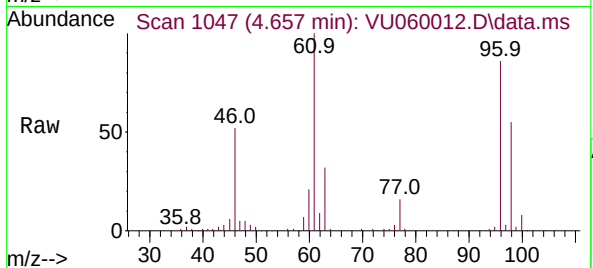
Tgt Ion: 96 Resp: 135053

Ion Ratio Lower Upper

96 100

61 116.0 80.2 148.9

98 63.3 44.7 83.1



#23

Bromochloromethane

Concen: 11.301 ug/L

RT: 4.965 min Scan# 1143

Delta R.T. -0.003 min

Lab File: VU060012.D

Acq: 18 Jul 2024 12:24

Tgt Ion:128 Resp: 62958

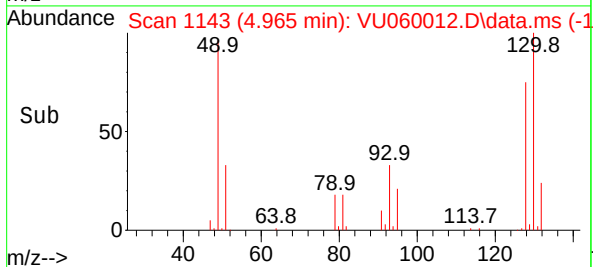
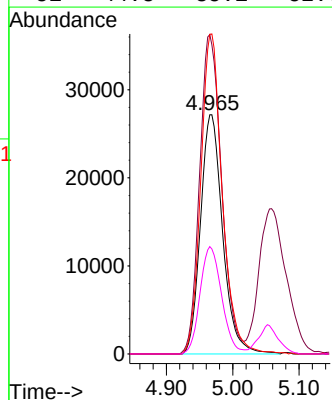
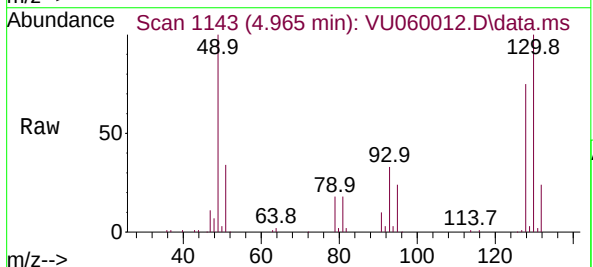
Ion Ratio Lower Upper

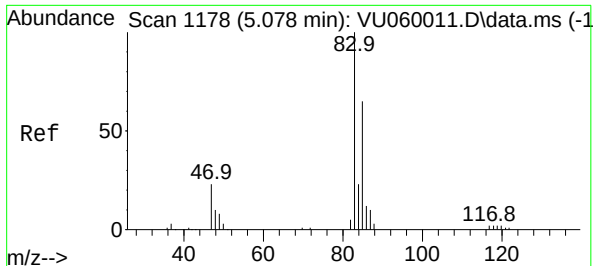
128 100

49 133.5 92.3 171.3

130 133.6 87.1 161.7

51 44.8 35.1 52.7





#25

Chloroform

Concen: 10.801 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU060012.D

Acq: 18 Jul 2024 12:24

Instrument :

MSVOA_U

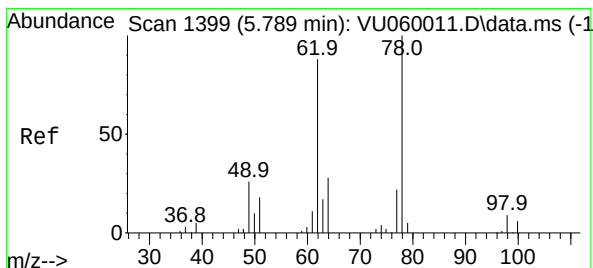
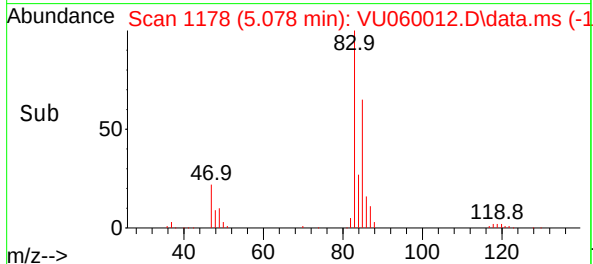
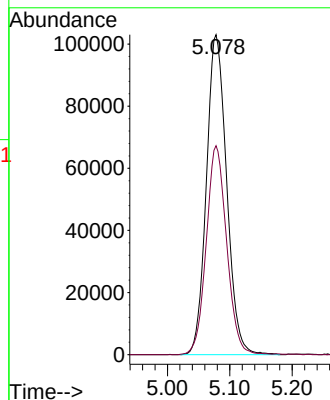
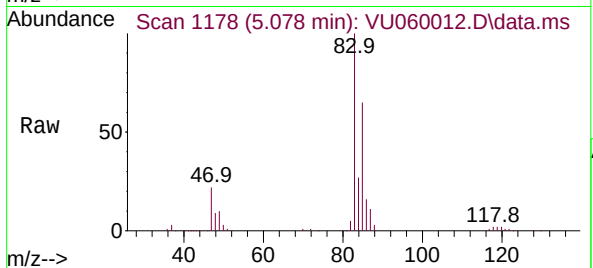
ClientSampleId :

Tgt Ion: 83 Resp: 232353

Ion Ratio Lower Upper

83 100

85 65.3 45.4 84.2



#27

1,2-Dichloroethane

Concen: 10.816 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.003 min

Lab File: VU060012.D

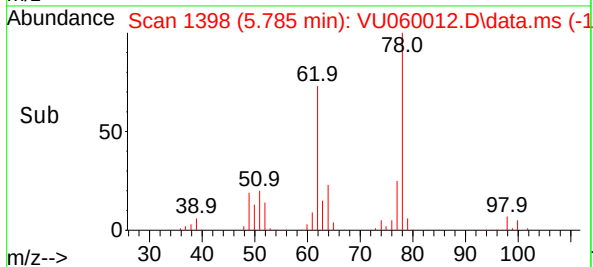
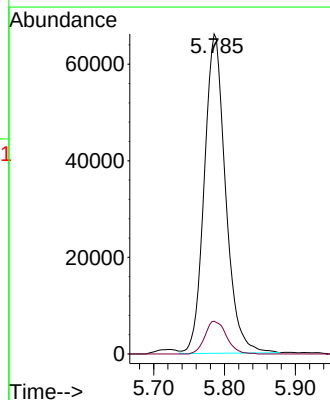
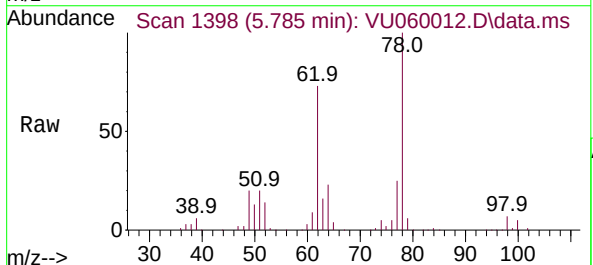
Acq: 18 Jul 2024 12:24

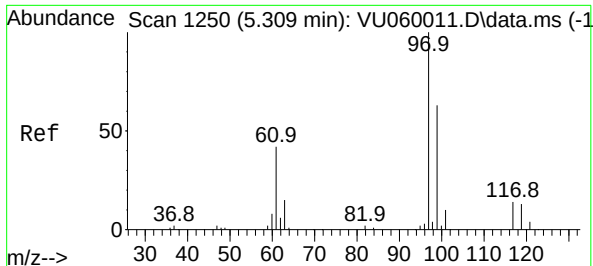
Tgt Ion: 62 Resp: 138074

Ion Ratio Lower Upper

62 100

98 10.2 7.9 11.9

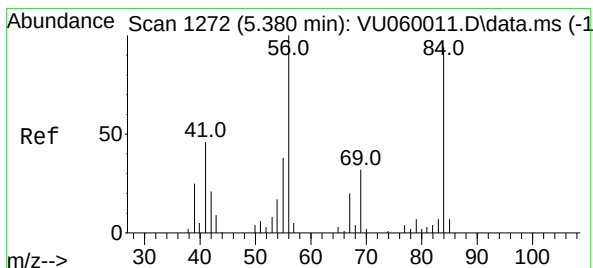
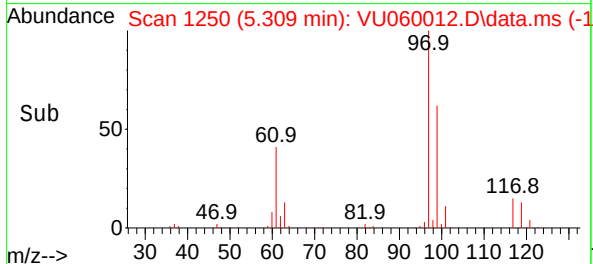
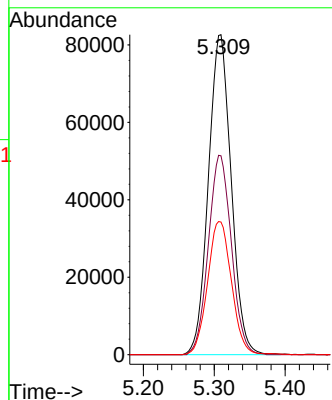
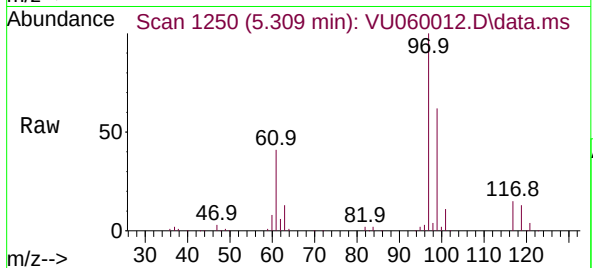




#29
1,1,1-Trichloroethane
Concen: 10.527 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. -0.000 min
Lab File: VU060012.D
Acq: 18 Jul 2024 12:24

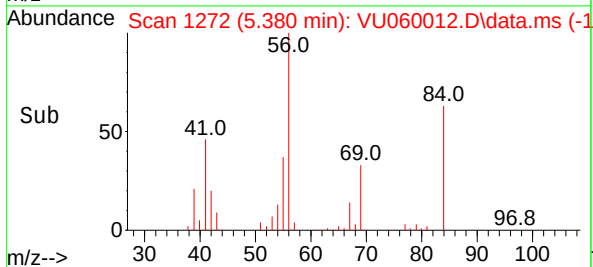
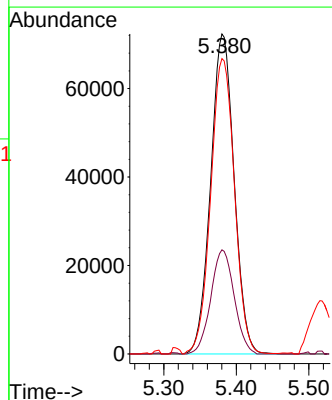
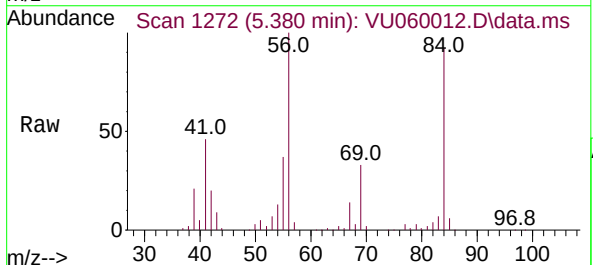
Instrument :
MSVOA_U
ClientSampleId :

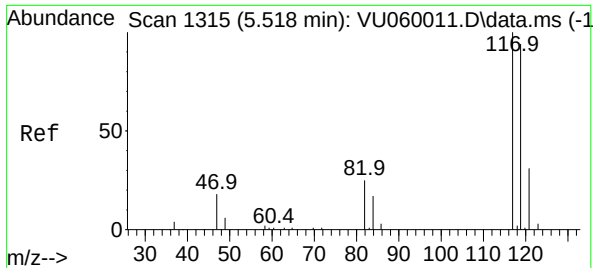
Tgt Ion: 97 Resp: 184782
Ion Ratio Lower Upper
97 100
99 63.0 51.0 76.4
61 43.5 34.1 51.1



#30
Cyclohexane
Concen: 10.834 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU060012.D
Acq: 18 Jul 2024 12:24

Tgt Ion: 56 Resp: 162563
Ion Ratio Lower Upper
56 100
69 32.4 26.6 39.8
84 93.6 77.2 115.8

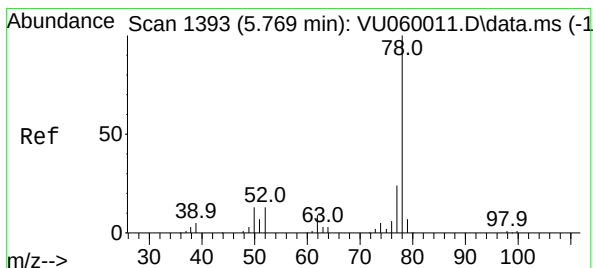
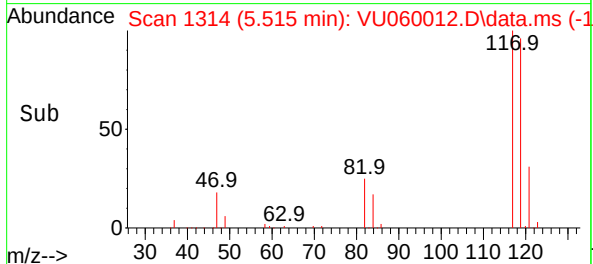
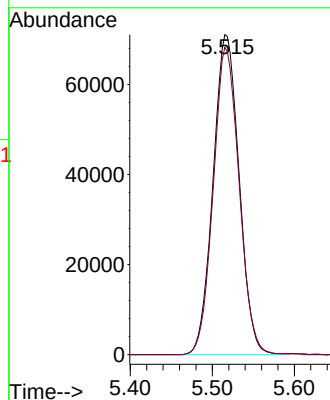
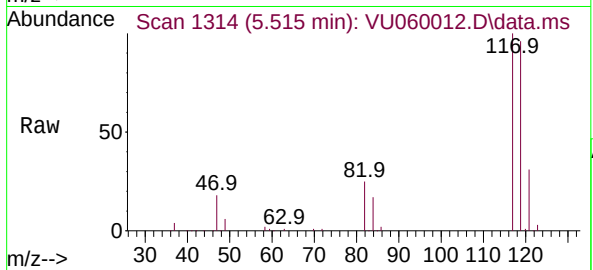




#31
Carbon tetrachloride
Concen: 10.597 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.003 min
Lab File: VU060012.D
Acq: 18 Jul 2024 12:24

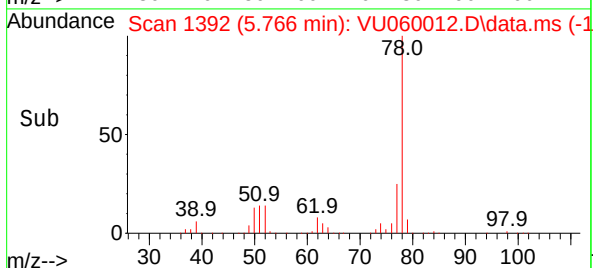
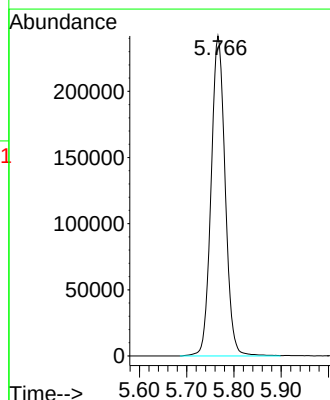
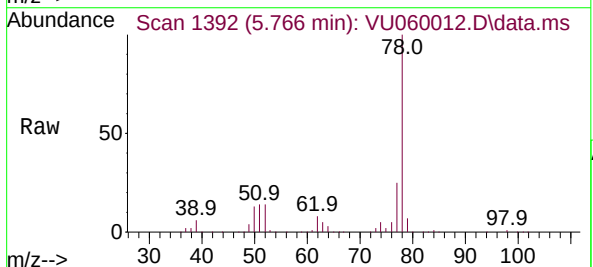
Instrument :
MSVOA_U
ClientSampleId :

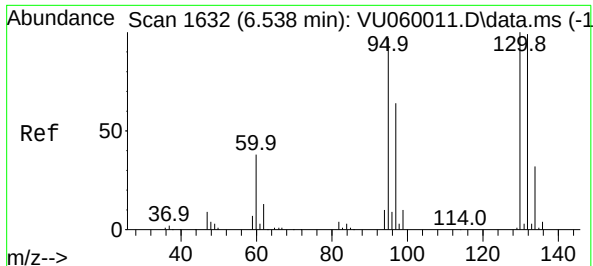
Tgt Ion:117 Resp: 156535
Ion Ratio Lower Upper
117 100
119 95.6 75.6 113.4



#33
Benzene
Concen: 10.862 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.003 min
Lab File: VU060012.D
Acq: 18 Jul 2024 12:24

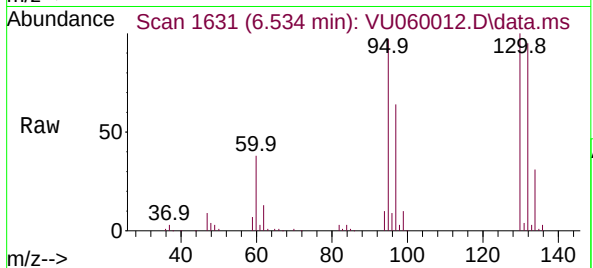
Tgt Ion: 78 Resp: 500493



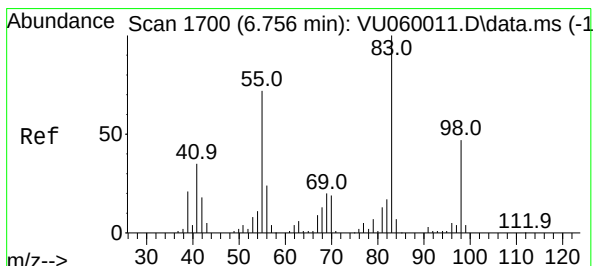
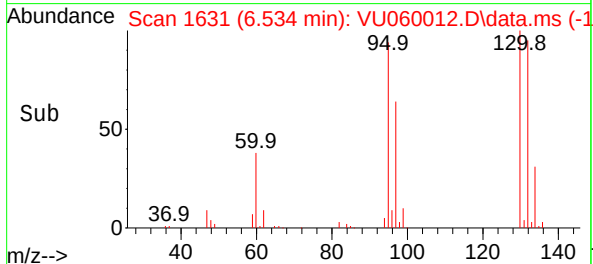
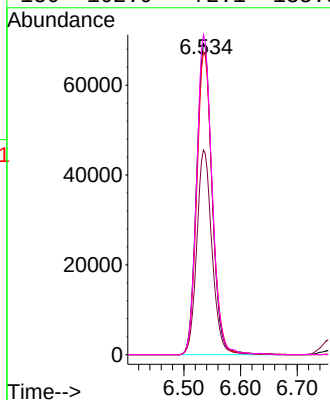


#34
Trichloroethene
Concen: 10.664 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU060012.D
Acq: 18 Jul 2024 12:24

Instrument :
MSVOA_U
ClientSampleId :

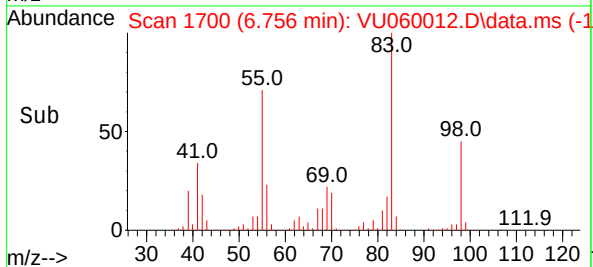
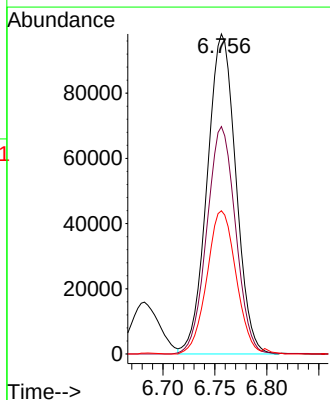
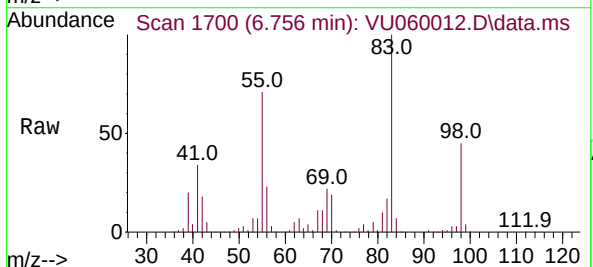


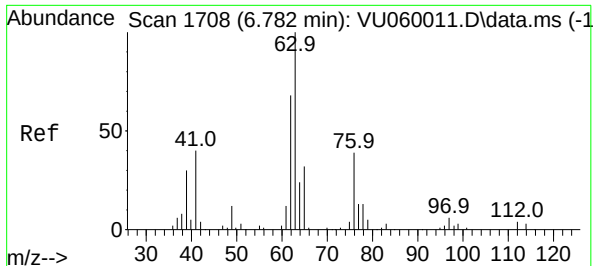
Tgt Ion: 95 Resp: 131884
Ion Ratio Lower Upper
95 100
97 65.8 45.9 85.3
132 97.3 71.4 132.6
130 102.9 72.1 133.9



#35
Methylcyclohexane
Concen: 10.825 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU060012.D
Acq: 18 Jul 2024 12:24

Tgt Ion: 83 Resp: 188906
Ion Ratio Lower Upper
83 100
55 71.1 56.7 85.1
98 45.1 36.6 55.0





#37

1,2-Dichloropropane

Concen: 11.112 ug/L

RT: 6.782 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU060012.D

Acq: 18 Jul 2024 12:24

Instrument :

MSVOA_U

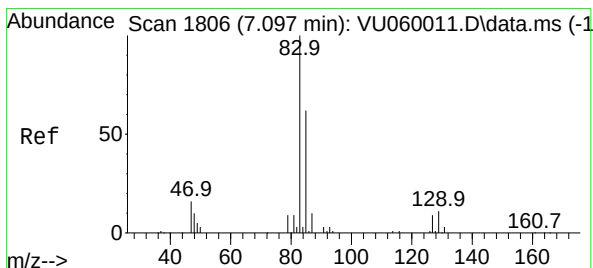
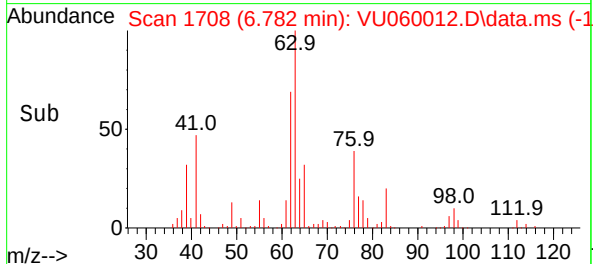
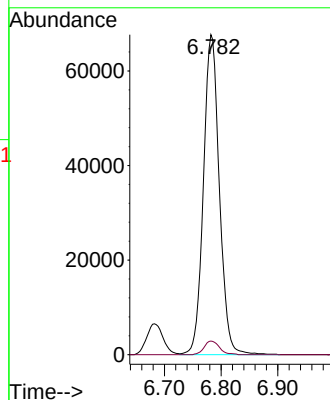
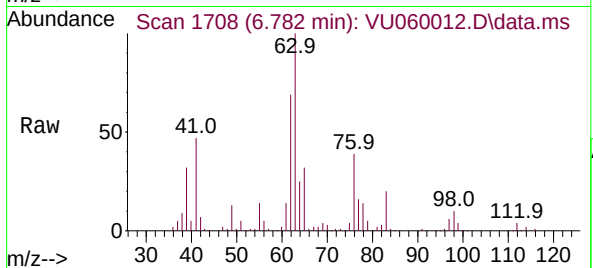
ClientSampleId :

Tgt Ion: 63 Resp: 132382

Ion Ratio Lower Upper

63 100

112 4.1 3.3 4.9



#38

Bromodichloromethane

Concen: 10.963 ug/L

RT: 7.097 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VU060012.D

Acq: 18 Jul 2024 12:24

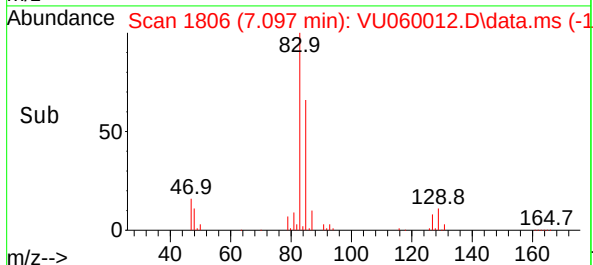
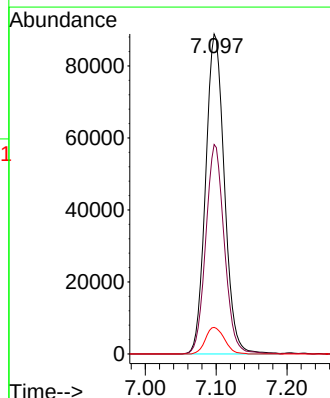
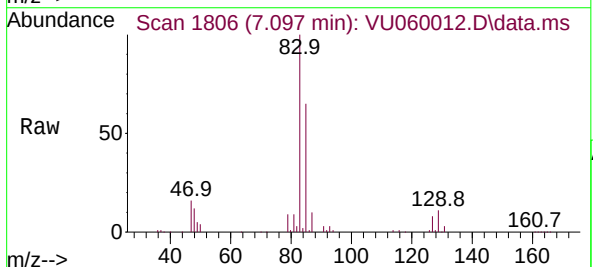
Tgt Ion: 83 Resp: 163309

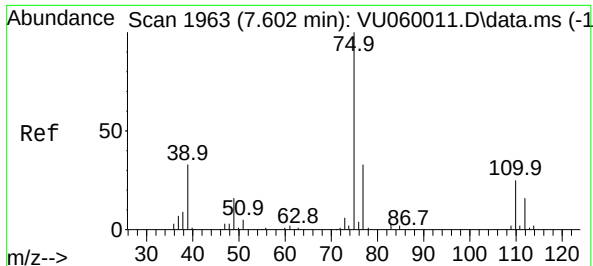
Ion Ratio Lower Upper

83 100

85 65.5 43.5 80.7

127 8.3 7.1 10.7

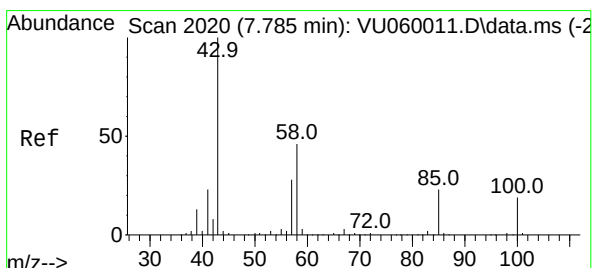
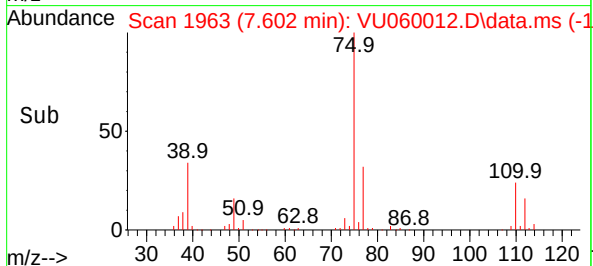
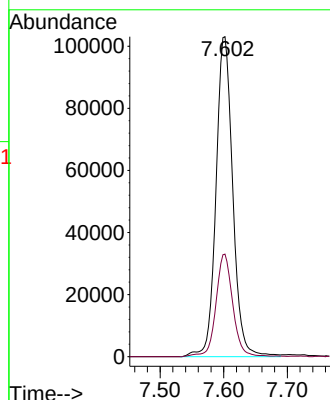
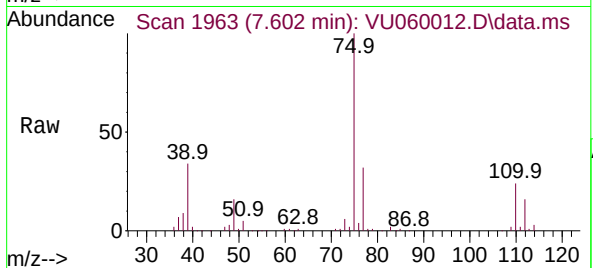




#39
 cis-1,3-Dichloropropene
 Concen: 11.659 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU060012.D
 Acq: 18 Jul 2024 12:24

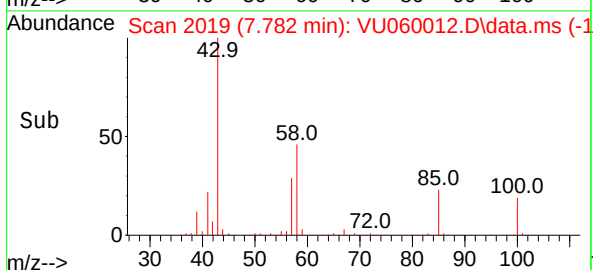
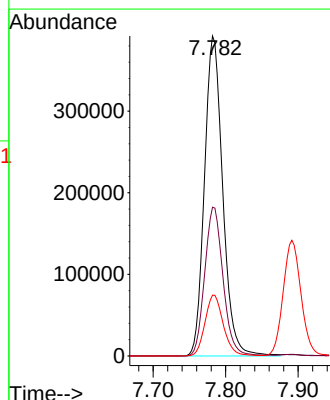
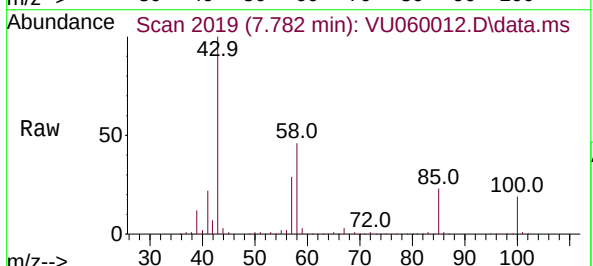
Instrument :
 MSVOA_U
 ClientSampleId :

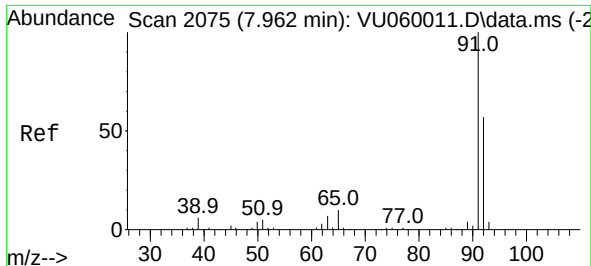
Tgt Ion: 75 Resp: 188954
 Ion Ratio Lower Upper
 75 100
 77 32.0 23.2 43.2



#40
 4-Methyl-2-pentanone
 Concen: 124.907 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.003 min
 Lab File: VU060012.D
 Acq: 18 Jul 2024 12:24

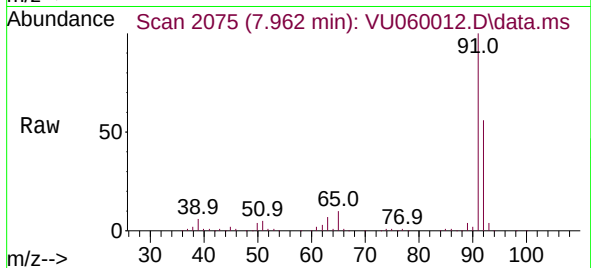
Tgt Ion: 43 Resp: 687540
 Ion Ratio Lower Upper
 43 100
 58 46.8 36.0 54.0
 100 19.0 14.9 22.3



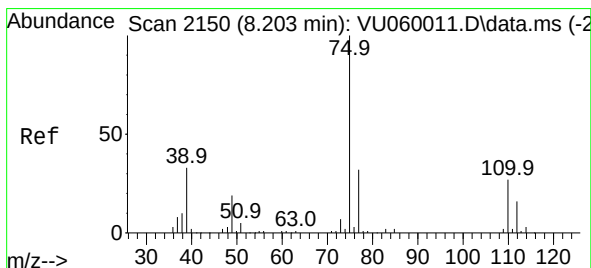
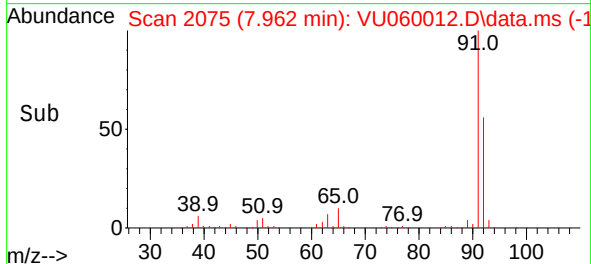
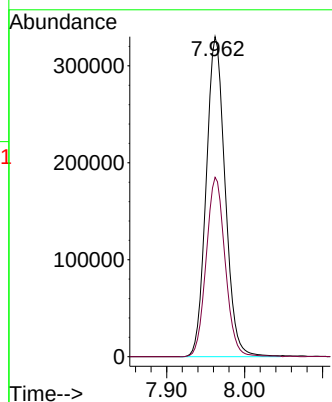


#42
Toluene
Concen: 11.430 ug/L
RT: 7.962 min Scan# 2075
Delta R.T. -0.000 min
Lab File: VU060012.D
Acq: 18 Jul 2024 12:24

Instrument :
MSVOA_U
ClientSampleId :

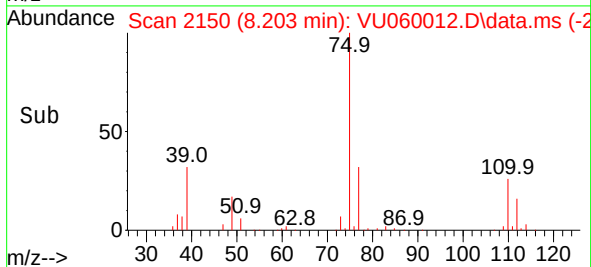
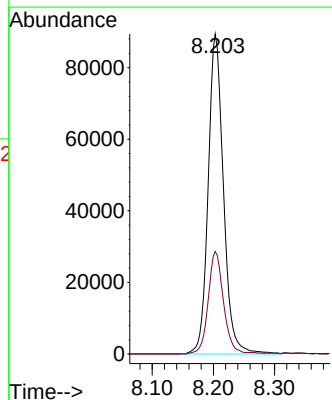
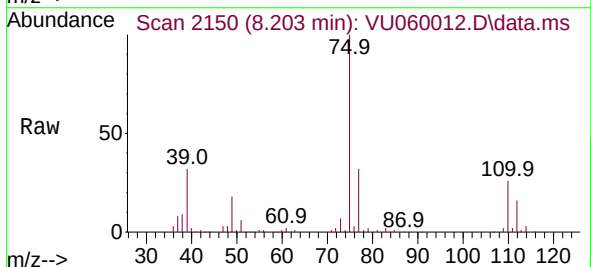


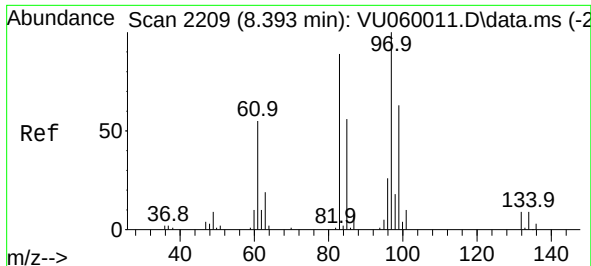
Tgt Ion: 91 Resp: 558427
Ion Ratio Lower Upper
91 100
92 56.0 39.8 73.8



#44
trans-1,3-Dichloropropene
Concen: 11.856 ug/L
RT: 8.203 min Scan# 2150
Delta R.T. -0.000 min
Lab File: VU060012.D
Acq: 18 Jul 2024 12:24

Tgt Ion: 75 Resp: 155159
Ion Ratio Lower Upper
75 100
77 32.0 22.6 42.0





#45

1,1,2-Trichloroethane

Concen: 11.784 ug/L

RT: 8.393 min Scan# 2209

Delta R.T. -0.000 min

Lab File: VU060012.D

Acq: 18 Jul 2024 12:24

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 104455

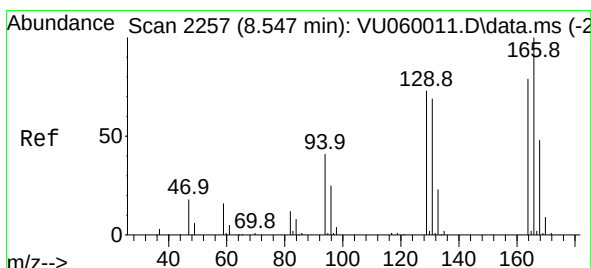
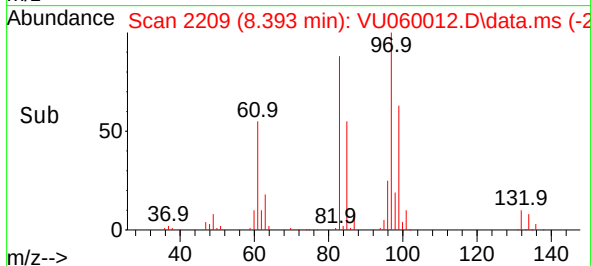
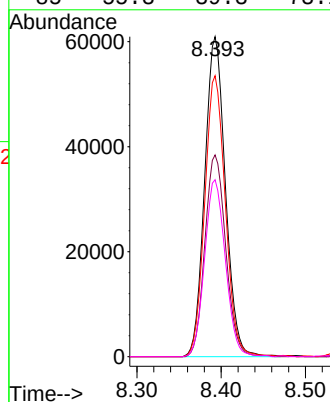
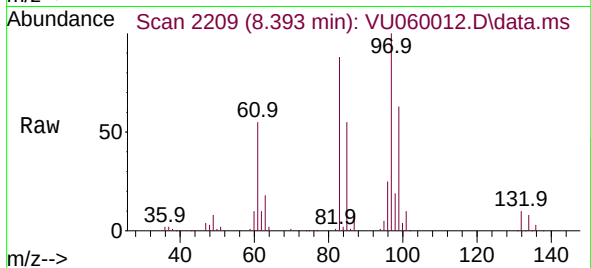
Ion Ratio Lower Upper

97 100

99 63.1 43.8 81.4

83 87.8 62.1 115.3

85 55.3 39.3 73.1



#47

Tetrachloroethene

Concen: 10.988 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

Lab File: VU060012.D

Acq: 18 Jul 2024 12:24

Tgt Ion:164 Resp: 107680

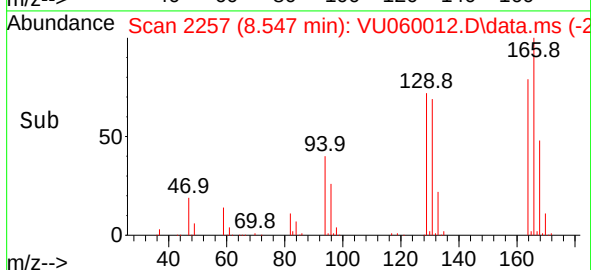
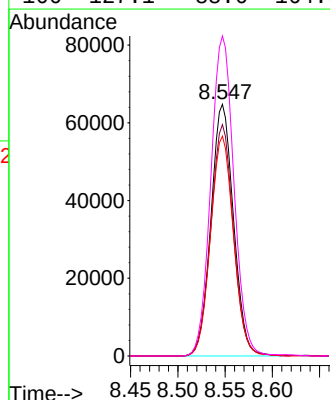
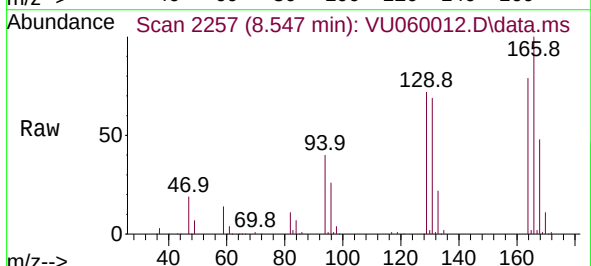
Ion Ratio Lower Upper

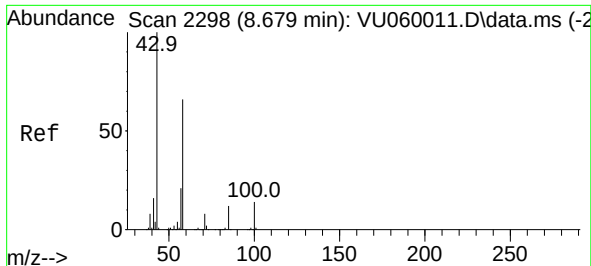
164 100

129 91.9 64.6 120.0

131 87.3 61.2 113.8

166 127.1 88.6 164.6





#48

2-Hexanone

Concen: 129.341 ug/L

RT: 8.676 min Scan# 2298

Delta R.T. -0.003 min

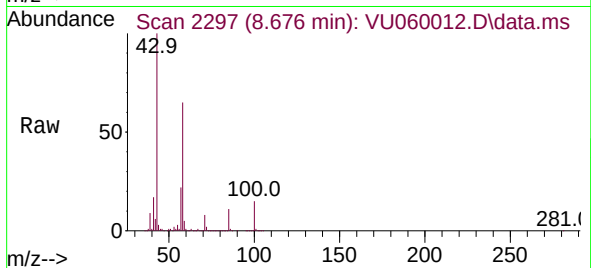
Lab File: VU060012.D

Acq: 18 Jul 2024 12:24

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 508160

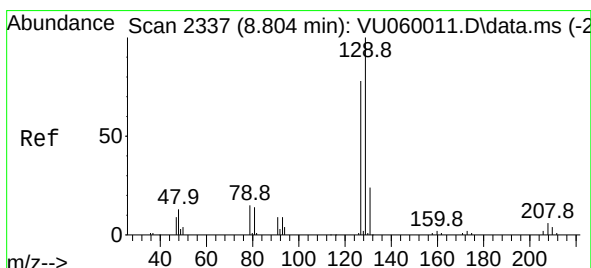
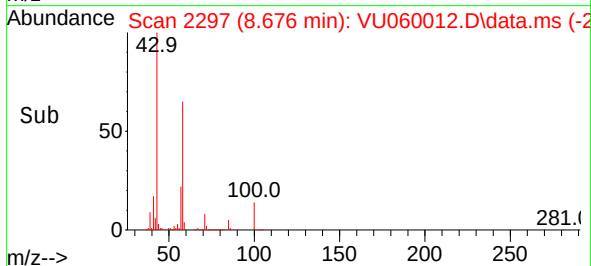
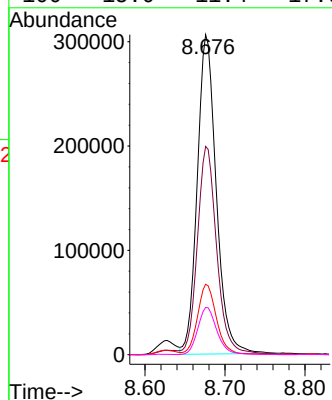
Ion Ratio Lower Upper

43 100

58 65.8 52.6 78.8

57 22.0 17.8 26.8

100 15.0 11.4 17.0



#49

Dibromochloromethane

Concen: 11.392 ug/L

RT: 8.801 min Scan# 2336

Delta R.T. -0.003 min

Lab File: VU060012.D

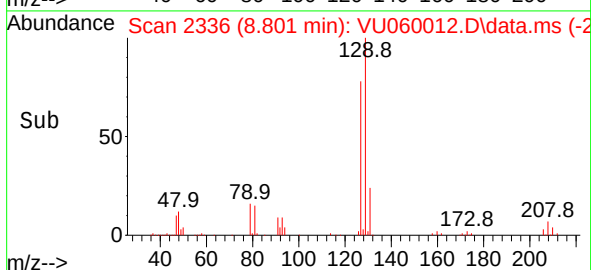
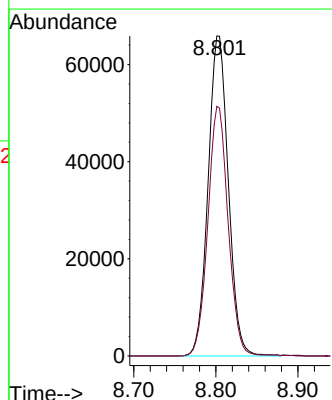
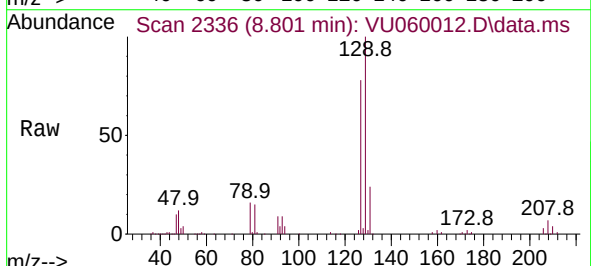
Acq: 18 Jul 2024 12:24

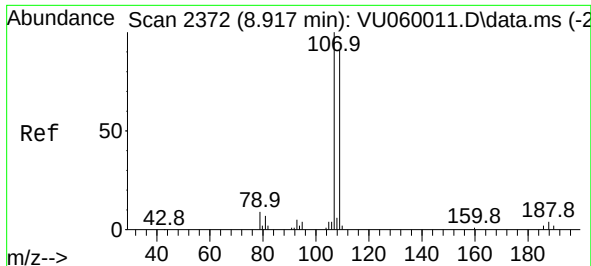
Tgt Ion: 129 Resp: 112825

Ion Ratio Lower Upper

129 100

127 78.0 54.6 101.4





#50

1,2-Dibromoethane

Concen: 11.696 ug/L

RT: 8.917 min Scan# 2372

Delta R.T. -0.000 min

Lab File: VU060012.D

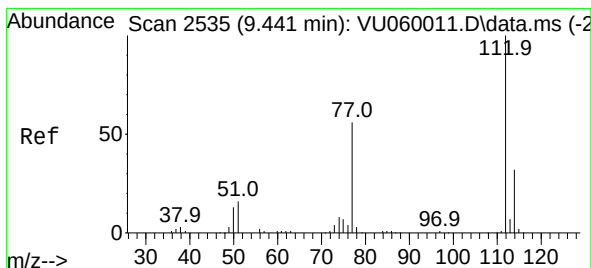
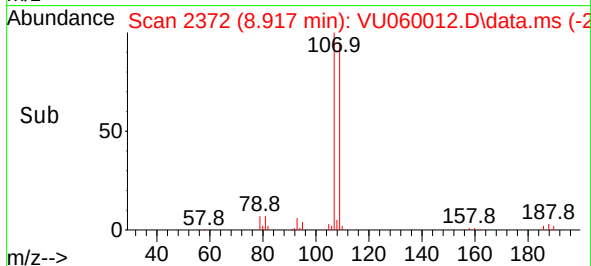
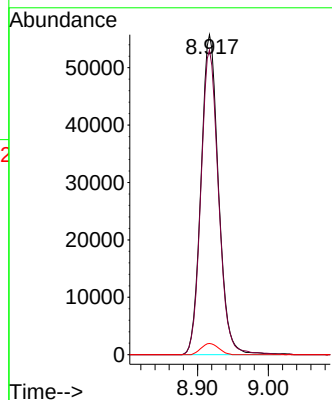
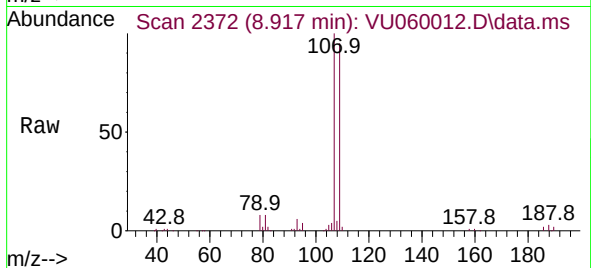
Acq: 18 Jul 2024 12:24

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:107	Resp:	95713
Ion Ratio	Lower	Upper
107	100	
109	95.2	64.0 118.8
188	3.5	3.0 4.6



#51

Chlorobenzene

Concen: 11.147 ug/L

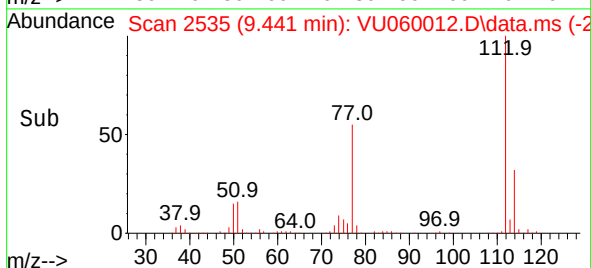
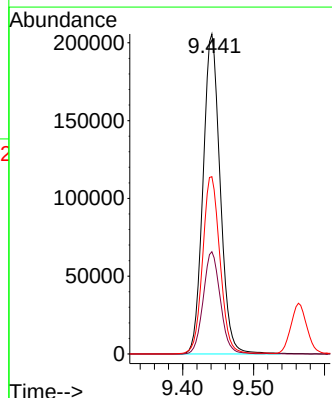
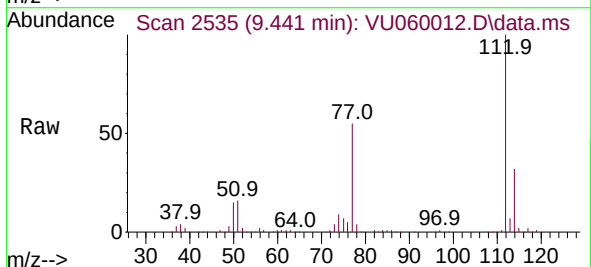
RT: 9.441 min Scan# 2535

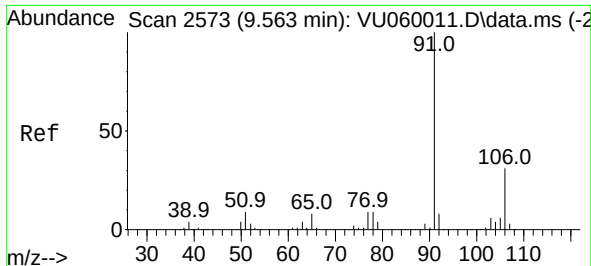
Delta R.T. -0.000 min

Lab File: VU060012.D

Acq: 18 Jul 2024 12:24

Tgt Ion:112	Resp:	345552
Ion Ratio	Lower	Upper
112	100	
114	32.0	22.1 41.1
77	55.4	44.7 67.1





#52

Ethylbenzene

Concen: 11.491 ug/L

RT: 9.563 min Scan# 2573

Delta R.T. -0.000 min

Lab File: VU060012.D

Acq: 18 Jul 2024 12:24

Instrument :

MSVOA_U

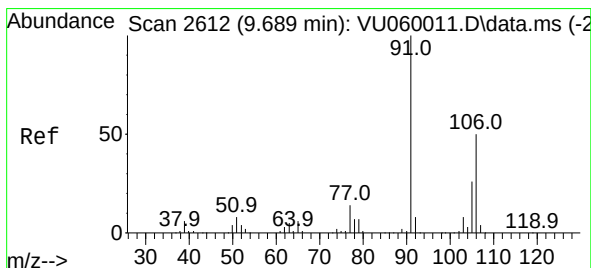
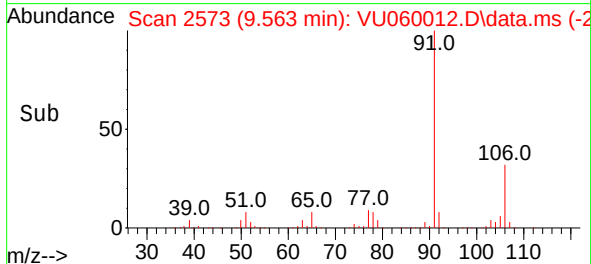
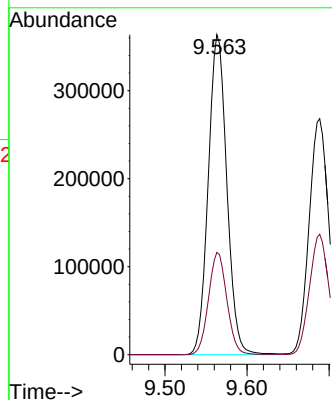
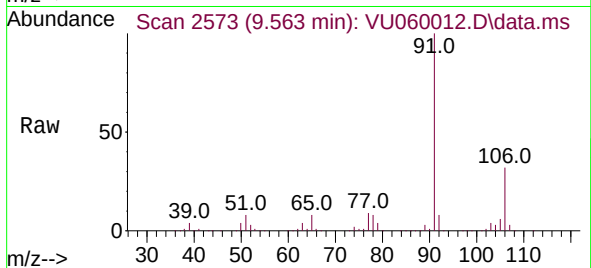
ClientSampleId :

Tgt Ion: 91 Resp: 572475

Ion Ratio Lower Upper

91 100

106 32.0 21.9 40.7



#53

m,p-Xylene

Concen: 11.857 ug/L

RT: 9.689 min Scan# 2612

Delta R.T. -0.000 min

Lab File: VU060012.D

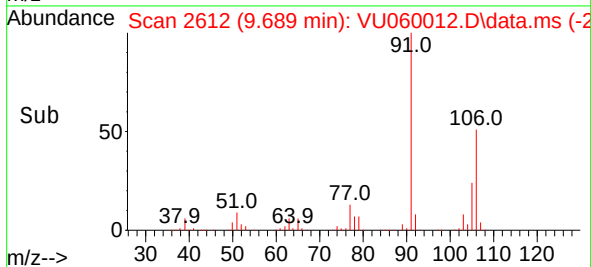
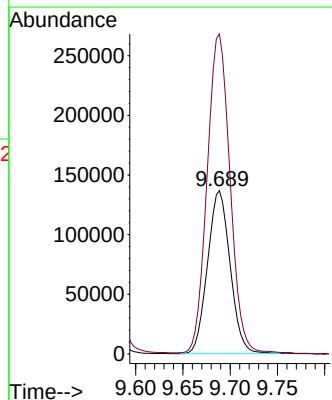
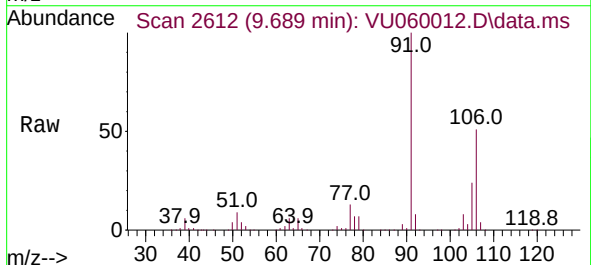
Acq: 18 Jul 2024 12:24

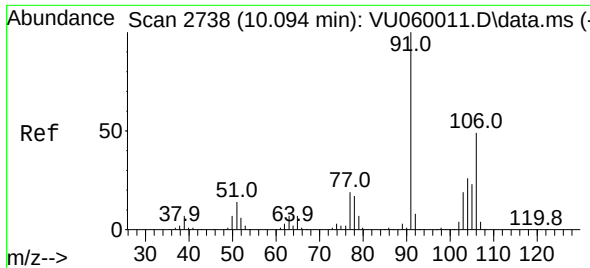
Tgt Ion:106 Resp: 227083

Ion Ratio Lower Upper

106 100

91 195.8 141.3 262.5

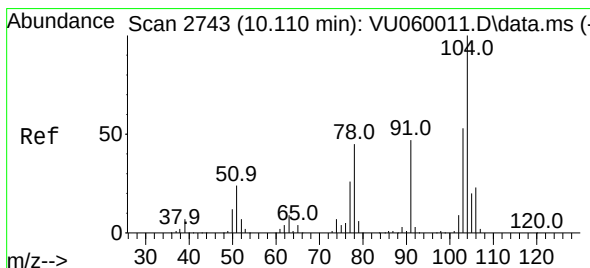
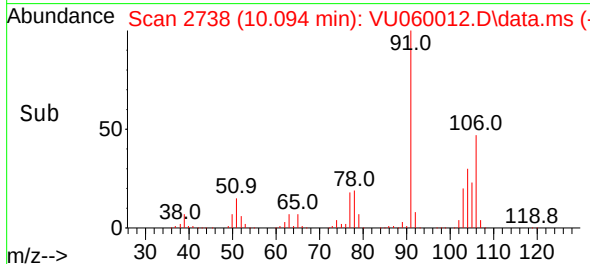
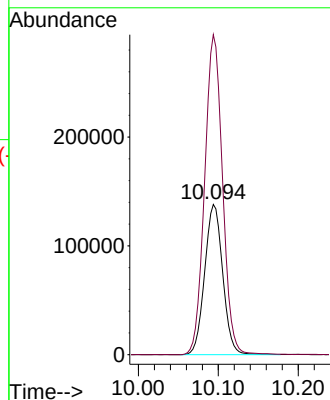
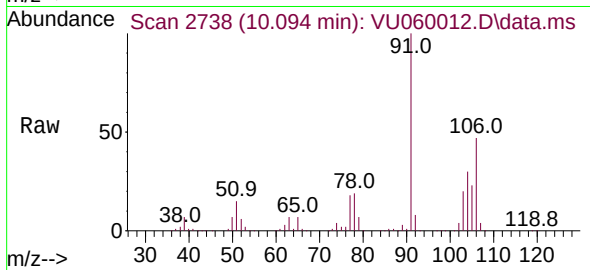




#54
o-Xylene
Concen: 11.901 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. -0.000 min
Lab File: VU060012.D
Acq: 18 Jul 2024 12:24

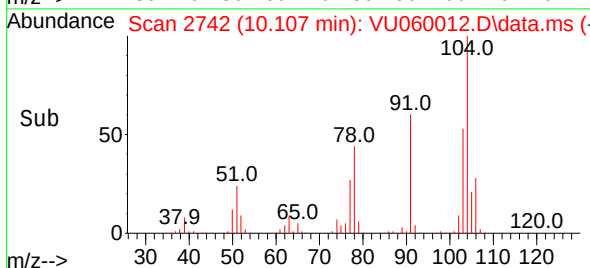
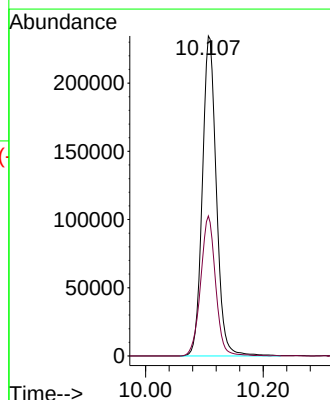
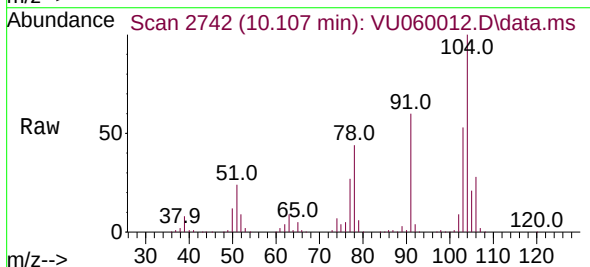
Instrument :
MSVOA_U
ClientSampleId :

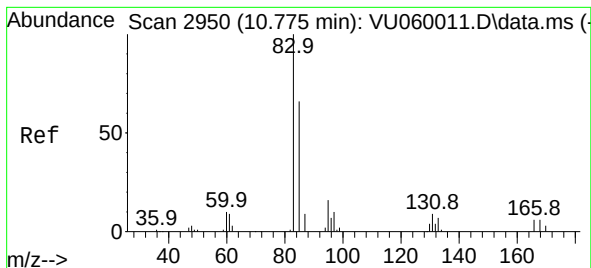
Tgt Ion:106 Resp: 217112
Ion Ratio Lower Upper
106 100
91 213.0 143.6 266.6



#55
Styrene
Concen: 12.514 ug/L
RT: 10.107 min Scan# 2742
Delta R.T. -0.003 min
Lab File: VU060012.D
Acq: 18 Jul 2024 12:24

Tgt Ion:104 Resp: 388031
Ion Ratio Lower Upper
104 100
78 43.7 31.4 58.4





#57

1,1,2,2-Tetrachloroethane

Concen: 12.057 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU060012.D

Acq: 18 Jul 2024 12:24

Instrument :

MSVOA_U

ClientSampleId :

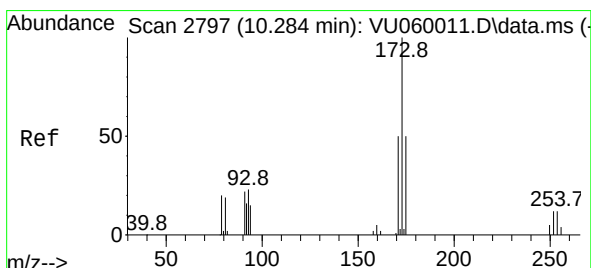
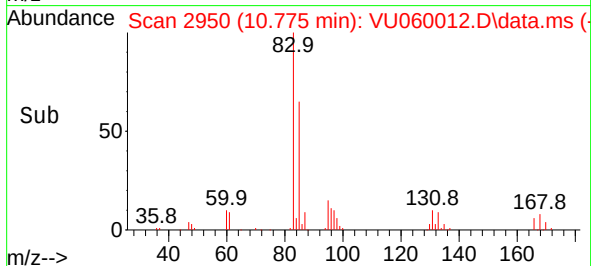
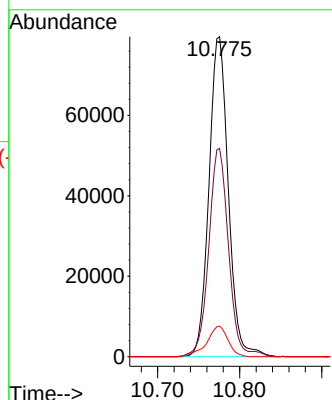
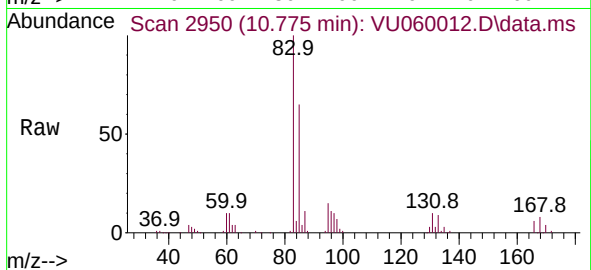
Tgt Ion: 83 Resp: 130277

Ion Ratio Lower Upper

83 100

85 65.1 46.8 87.0

131 9.5 7.8 11.6



#59

Bromoform

Concen: 11.229 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.000 min

Lab File: VU060012.D

Acq: 18 Jul 2024 12:24

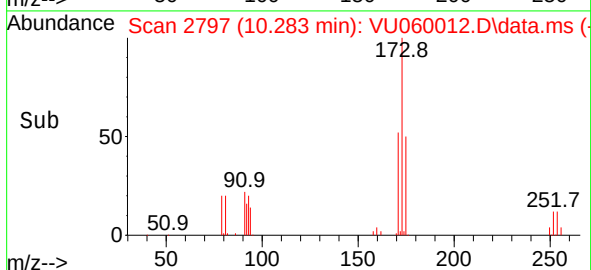
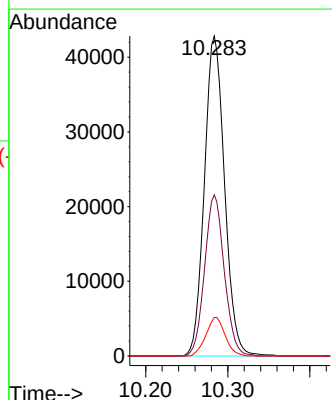
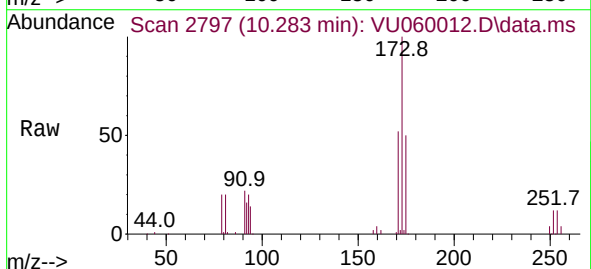
Tgt Ion:173 Resp: 73238

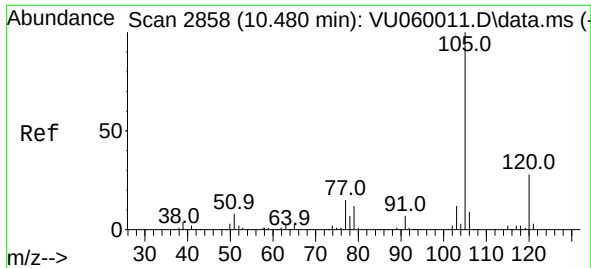
Ion Ratio Lower Upper

173 100

175 49.0 38.7 58.1

254 11.5 9.0 13.4

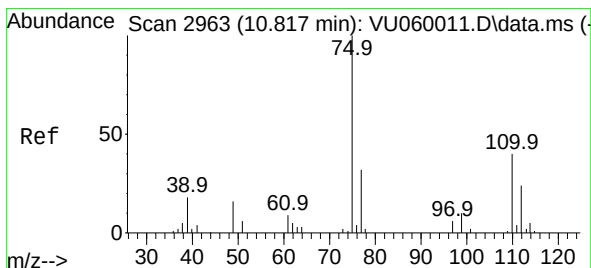
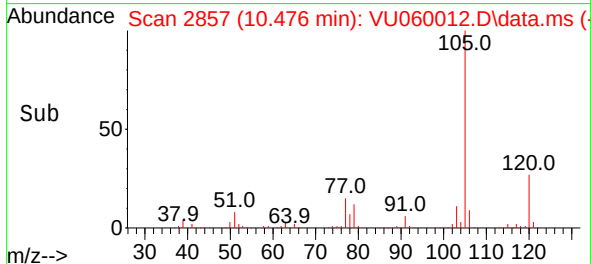
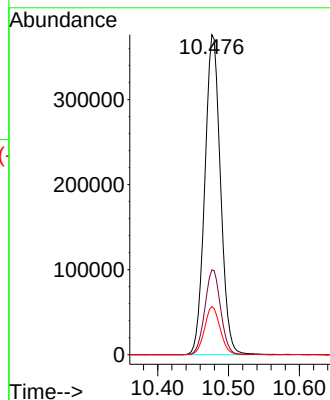
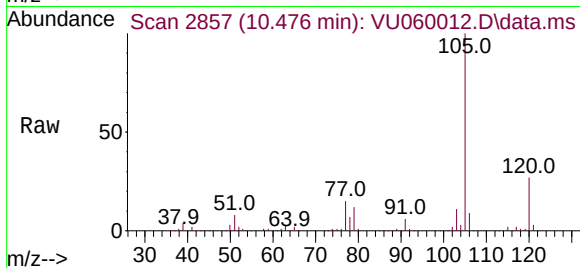




#60
Isopropylbenzene
Concen: 11.126 ug/L
RT: 10.476 min Scan# 2857
Delta R.T. -0.003 min
Lab File: VU060012.D
Acq: 18 Jul 2024 12:24

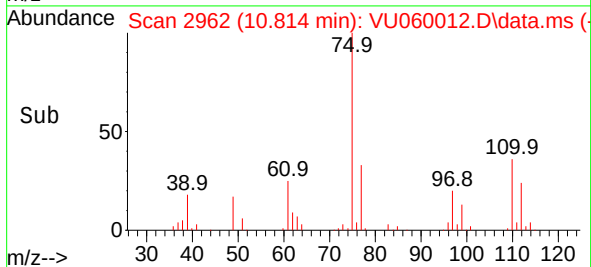
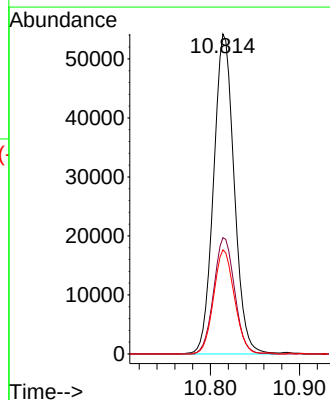
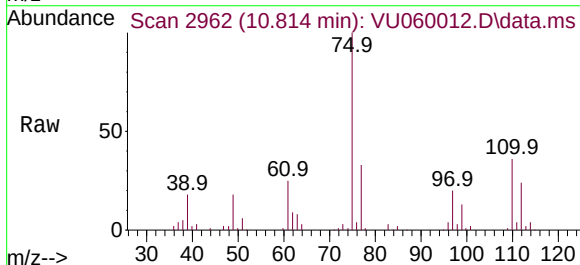
Instrument :
MSVOA_U
ClientSampleId :

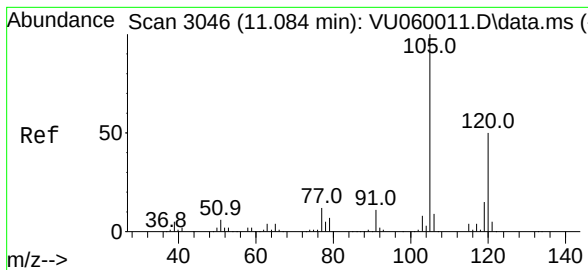
Tgt Ion:105 Resp: 577610
Ion Ratio Lower Upper
105 100
120 26.8 21.9 32.9
77 15.0 12.1 18.1



#61
1,2,3-Trichloropropane
Concen: 11.193 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. -0.003 min
Lab File: VU060012.D
Acq: 18 Jul 2024 12:24

Tgt Ion: 75 Resp: 87185
Ion Ratio Lower Upper
75 100
110 36.8 30.8 46.2
77 32.8 26.2 39.2

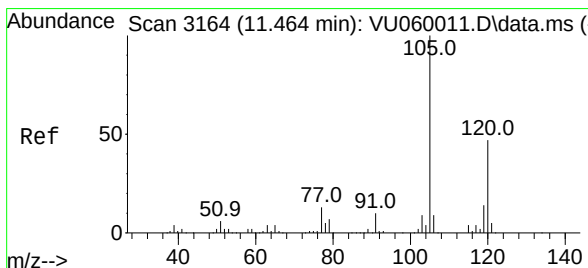
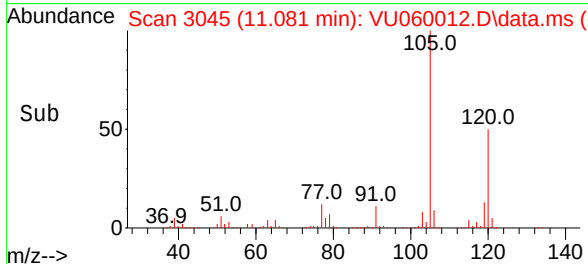
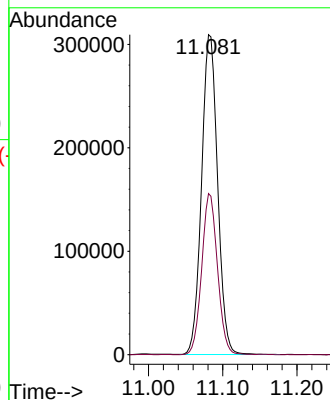
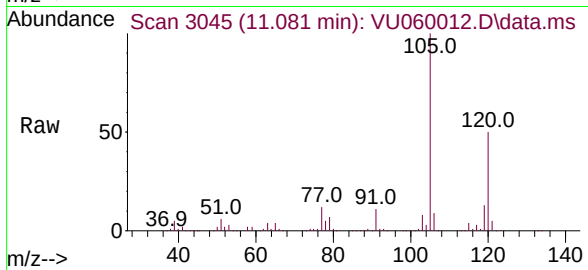




#62
1,3,5-Trimethylbenzene
Concen: 11.365 ug/L
RT: 11.081 min Scan# 3046
Delta R.T. -0.003 min
Lab File: VU060012.D
Acq: 18 Jul 2024 12:24

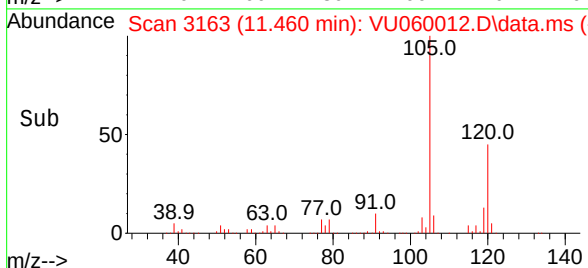
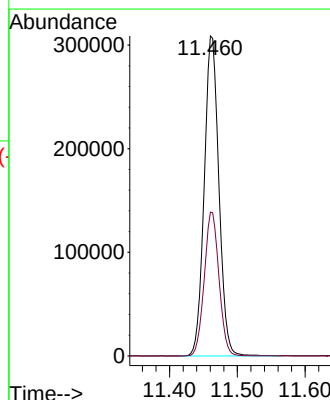
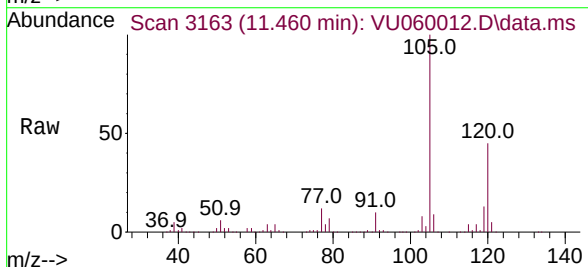
Instrument :
MSVOA_U
ClientSampleId :

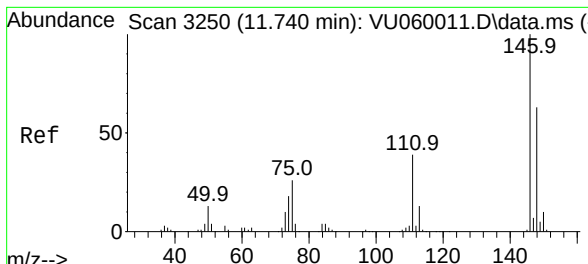
Tgt Ion:105 Resp: 463395
Ion Ratio Lower Upper
105 100
120 49.6 39.4 59.2



#63
1,2,4-Trimethylbenzene
Concen: 11.898 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. -0.003 min
Lab File: VU060012.D
Acq: 18 Jul 2024 12:24

Tgt Ion:105 Resp: 463907
Ion Ratio Lower Upper
105 100
120 45.1 36.7 55.1



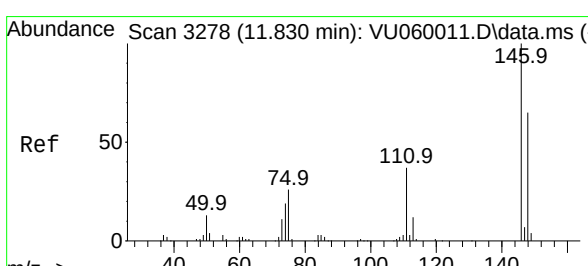
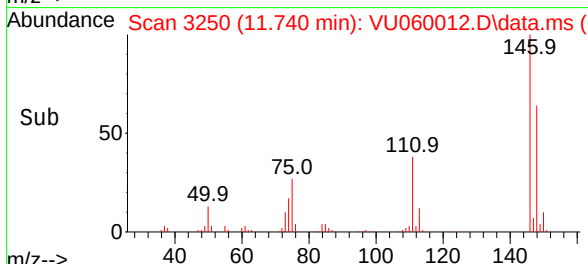
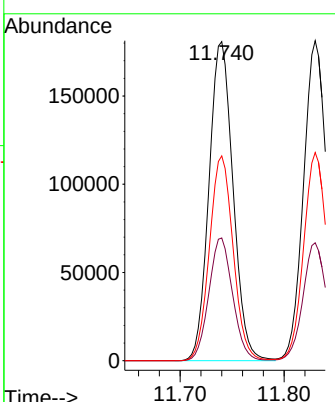
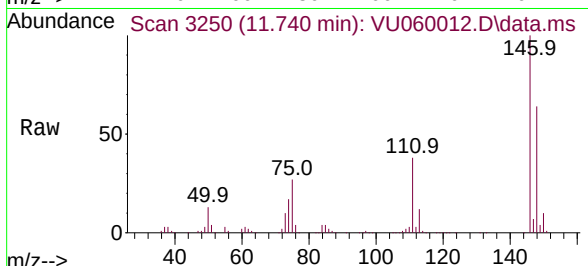


#64
 1,3-Dichlorobenzene
 Concen: 10.846 ug/L
 RT: 11.740 min Scan# 3250
 Delta R.T. -0.000 min
 Lab File: VU060012.D
 Acq: 18 Jul 2024 12:24

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:146 Resp: 290931

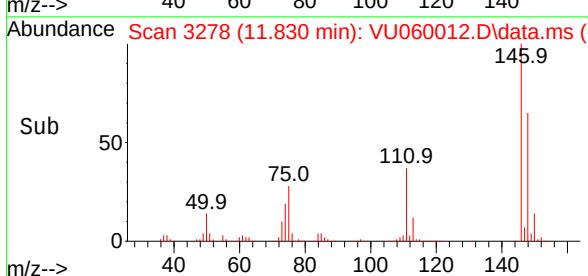
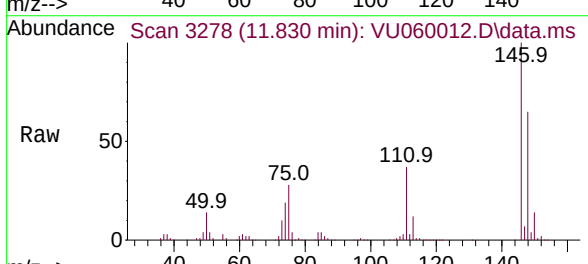
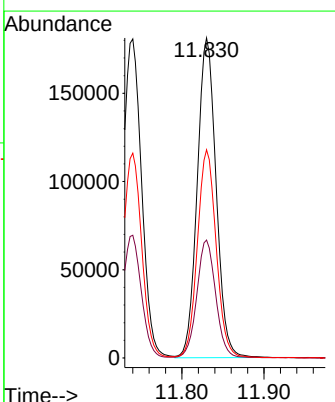
Ion	Ratio	Lower	Upper
146	100		
111	38.4	27.2	50.4
148	64.2	44.3	82.3

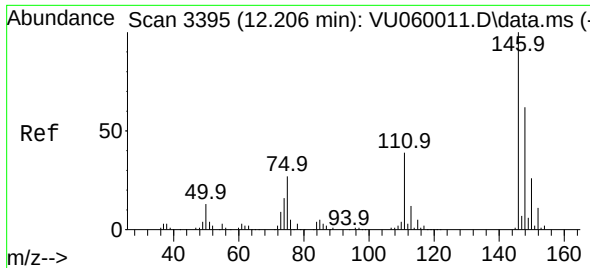


#65
 1,4-Dichlorobenzene
 Concen: 10.593 ug/L
 RT: 11.830 min Scan# 3278
 Delta R.T. -0.000 min
 Lab File: VU060012.D
 Acq: 18 Jul 2024 12:24

Tgt Ion:146 Resp: 289370

Ion	Ratio	Lower	Upper
146	100		
111	36.9	26.5	49.1
148	65.0	45.3	84.1





#67

1,2-Dichlorobenzene

Concen: 11.073 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU060012.D

Acq: 18 Jul 2024 12:24

Instrument :

MSVOA_U

ClientSampleId :

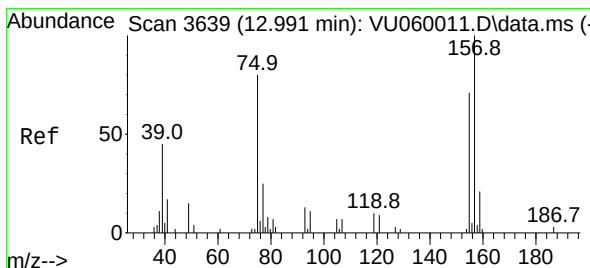
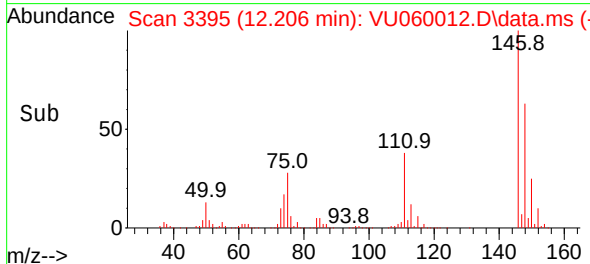
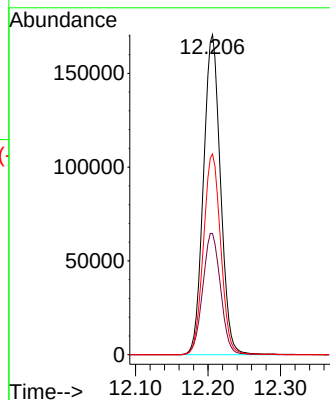
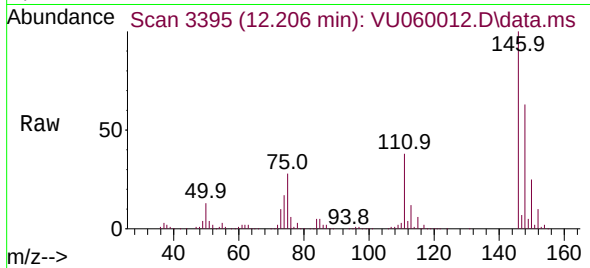
Tgt Ion:146 Resp: 278498

Ion Ratio Lower Upper

146 100

111 37.8 30.9 46.3

148 62.8 49.8 74.8



#68

1,2-Dibromo-3-chloropropane

Concen: 12.073 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.003 min

Lab File: VU060012.D

Acq: 18 Jul 2024 12:24

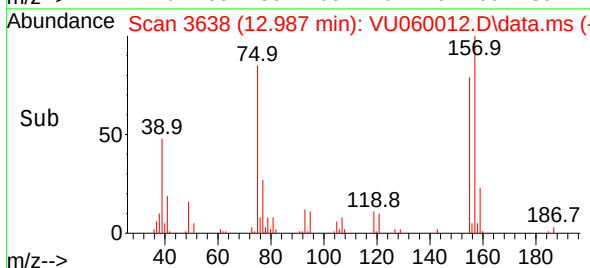
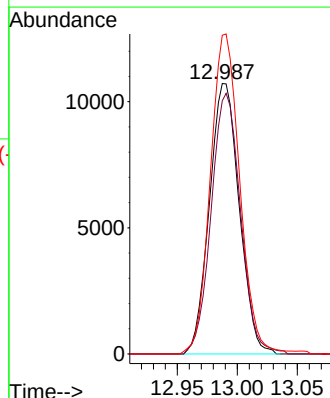
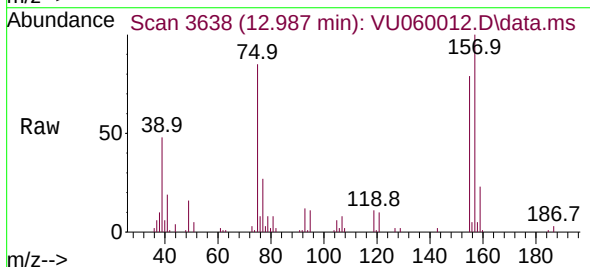
Tgt Ion: 75 Resp: 18507

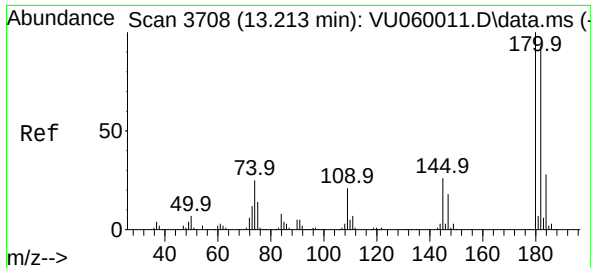
Ion Ratio Lower Upper

75 100

155 93.6 70.6 105.8

157 117.9 99.4 149.2





#69

1,3,5-Trichlorobenzene

Concen: 11.025 ug/L

RT: 13.213 min Scan# 3

Delta R.T. -0.000 min

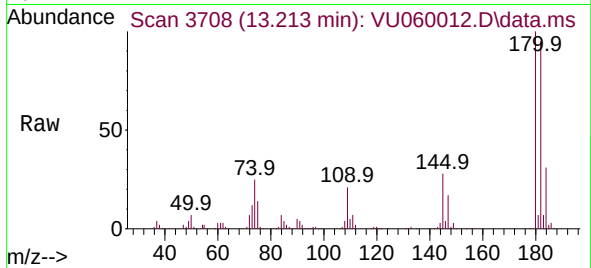
Lab File: VU060012.D

Acq: 18 Jul 2024 12:24

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 219600

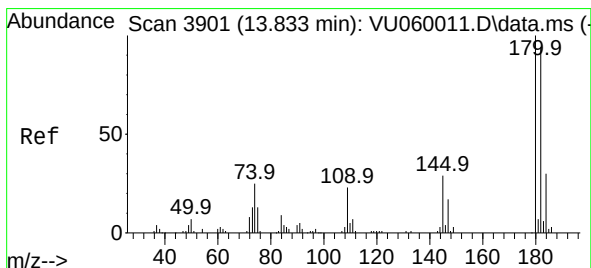
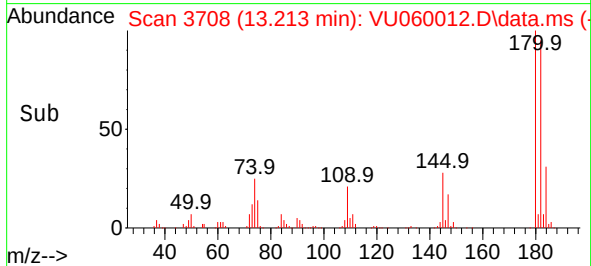
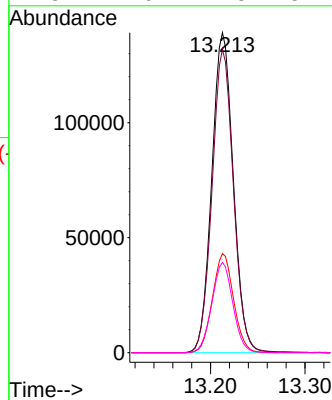
Ion Ratio Lower Upper

180 100

182 94.4 74.6 111.8

184 30.5 23.1 34.7

145 27.6 21.3 31.9



#70

1,2,4-trichlorobenzene

Concen: 11.764 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU060012.D

Acq: 18 Jul 2024 12:24

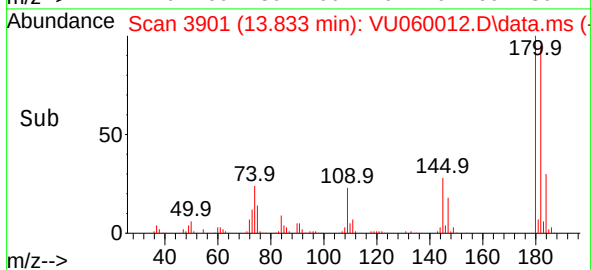
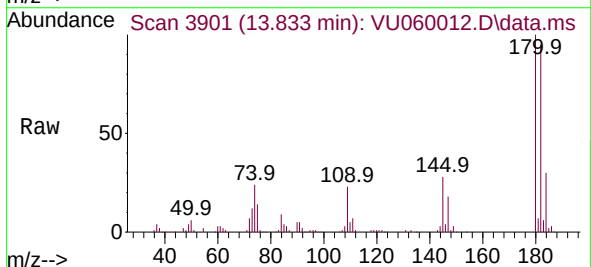
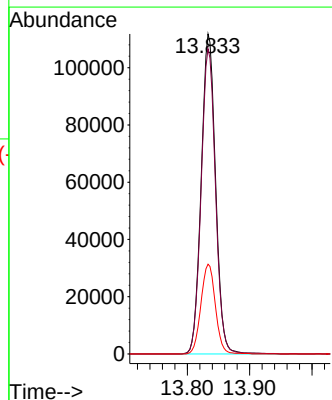
Tgt Ion:180 Resp: 178900

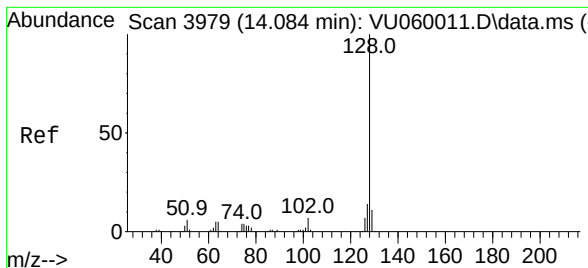
Ion Ratio Lower Upper

180 100

182 95.2 77.2 115.8

145 28.2 23.0 34.4





#71

Naphthalene

Concen: 12.884 ug/L

RT: 14.081 min Scan# 3979

Delta R.T. -0.003 min

Lab File: VU060012.D

Acq: 18 Jul 2024 12:24

Instrument :

MSVOA_U

ClientSampleId :

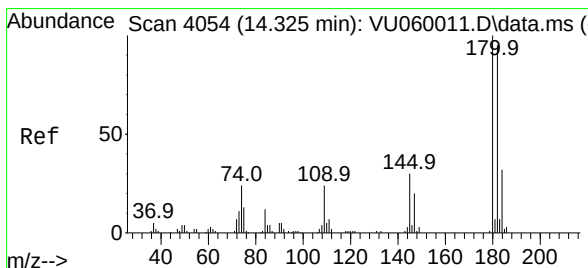
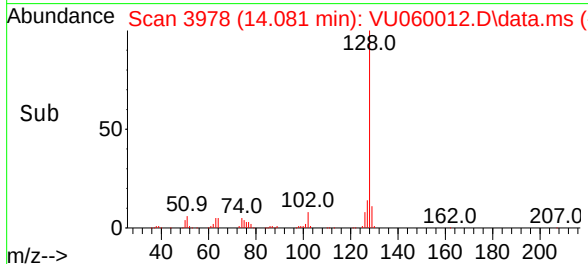
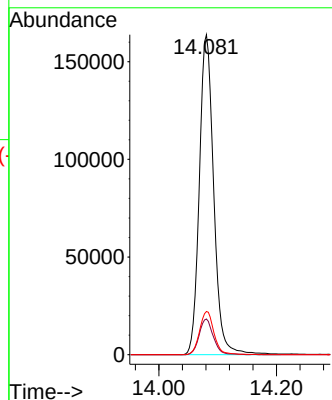
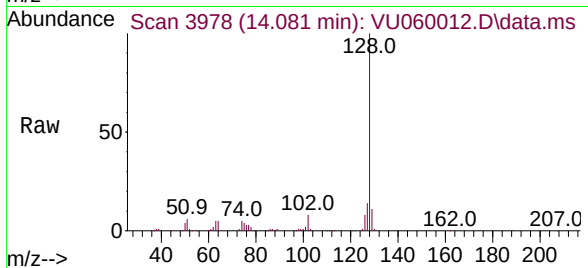
Tgt Ion:128 Resp: 278253

Ion Ratio Lower Upper

128 100

129 11.0 8.2 12.4

127 13.5 10.6 16.0



#72

1,2,3-Trichlorobenzene

Concen: 12.136 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. -0.003 min

Lab File: VU060012.D

Acq: 18 Jul 2024 12:24

Tgt Ion:180 Resp: 170998

Ion Ratio Lower Upper

180 100

182 93.8 76.3 114.5

145 29.8 23.9 35.9

