

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
 Data File : VU060013.D
 Acq On : 18 Jul 2024 12:48
 Operator : MD/SY
 Sample : VSTD020
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 19 01:04:56 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	155415	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	156228	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	88742	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	209636	19.321	ug/L	0.00
7) Chloroethane-d5	1.907	69	201115	19.371	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	83310	18.631	ug/L	0.00
20) 2-Butanone-d5	4.621	46	596809	258.958	ug/L	0.00
24) Chloroform-d	5.052	84	446793	19.943	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.692	65	216711	20.119	ug/L	0.00
32) Benzene-d6	5.717	84	888465	20.553	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	280140	20.965	ug/L	0.00
41) Toluene-d8	7.891	98	827074	20.627	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.171	79	106632	24.836	ug/L	0.00
46) 2-Hexanone-d5	8.624	63	551529	309.074	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.749	84	256681	22.868	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	328536	20.555	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	221460	17.031	ug/L	99
3) Chloromethane	1.515	50	254573	18.148	ug/L	100
5) Vinyl chloride	1.599	62	300543	19.183	ug/L	99
6) Bromomethane	1.853	94	199226	18.334	ug/L	99
8) Chloroethane	1.930	64	199294	20.962	ug/L	98
9) Trichlorofluoromethane	2.129	101	377421	19.682	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	245938	20.054	ug/L	100
12) 1,1-Dichloroethene	2.573	96	229842	20.506	ug/L	93
13) Acetone	2.640	43	337578	224.580	ug/L	96
14) Carbon disulfide	2.785	76	645649	17.804	ug/L	100
15) Methyl Acetate	2.946	43	88404	22.989	ug/L	99
16) Methylene chloride	3.036	84	262746	19.708	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	587679	24.077	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	241937	20.897	ug/L	96
19) 1,1-Dichloroethane	3.859	63	446744	20.744	ug/L	98
21) 2-Butanone	4.698	43	595874	249.741	ug/L	96
22) cis-1,2-Dichloroethene	4.656	96	286975	22.349	ug/L	99
23) Bromochloromethane	4.965	128	131605	22.284	ug/L	99
25) Chloroform	5.078	83	475062	20.830	ug/L	100
27) 1,2-Dichloroethane	5.785	62	283846	20.975	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	385390	20.956	ug/L	99
30) Cyclohexane	5.380	56	360799	22.951	ug/L	97
31) Carbon tetrachloride	5.515	117	326891	21.122	ug/L	98
33) Benzene	5.766	78	1051303	21.778	ug/L	100
34) Trichloroethene	6.534	95	276963	21.375	ug/L	99
35) Methylcyclohexane	6.756	83	421927	23.077	ug/L	99
37) 1,2-Dichloropropane	6.782	63	277372	22.222	ug/L	99
38) Bromodichloromethane	7.097	83	341853	21.905	ug/L	97
39) cis-1,3-Dichloropropene	7.598	75	414494	24.411	ug/L	97
40) 4-Methyl-2-pentanone	7.782	43	1483132	257.183	ug/L	97
42) Toluene	7.962	91	1176093	22.978	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	338355	24.677	ug/L	100

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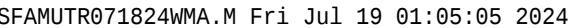
Quant Time: Jul 19 01:04:56 2024
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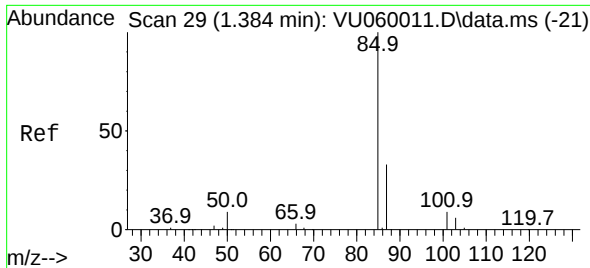
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.393	97	218631	23.542	ug/L	98
47) Tetrachloroethene	8.547	164	228358	22.241	ug/L	100
48) 2-Hexanone	8.676	43	1081700	262.795	ug/L	99
49) Dibromochloromethane	8.801	129	240349	23.164	ug/L	97
50) 1,2-Dibromoethane	8.917	107	202662	23.639	ug/L	96
51) Chlorobenzene	9.441	112	737792	22.716	ug/L	100
52) Ethylbenzene	9.563	91	1263394	24.206	ug/L	99
53) m,p-Xylene	9.688	106	495228	24.681	ug/L	98
54) o-Xylene	10.094	106	481723	25.205	ug/L	96
55) Styrene	10.106	104	841072	25.890	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	270411	23.888	ug/L	97
59) Bromoform	10.283	173	158038	22.760	ug/L	99
60) Isopropylbenzene	10.476	105	1271119	22.999	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	182188	21.969	ug/L	100
62) 1,3,5-Trimethylbenzene	11.081	105	1061477	24.452	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	1054790	25.411	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	624655	21.873	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	628311	21.603	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	594344	22.196	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.991	75	40444	24.781	ug/L	97
69) 1,3,5-Trichlorobenzene	13.212	180	485496	22.893	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	417079	25.761	ug/L	99
71) Naphthalene	14.080	128	705787	30.696	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	387126	25.806	ug/L	100

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

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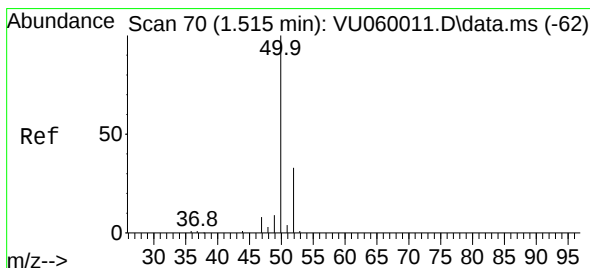
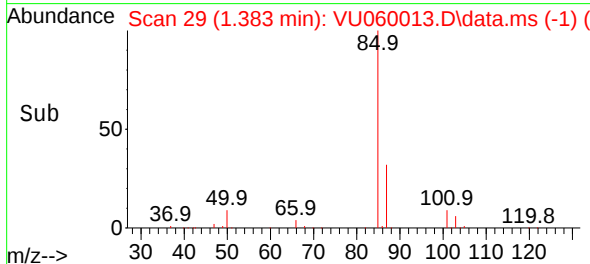
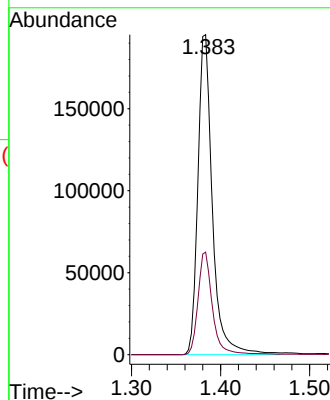
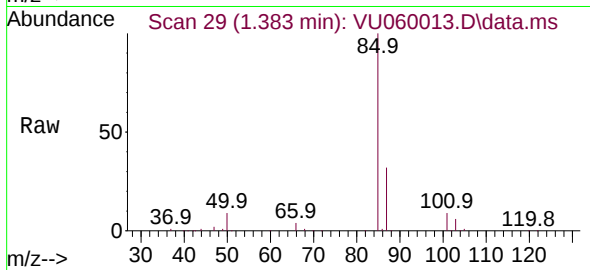




#2
Dichlorodifluoromethane
Concen: 17.031 ug/L
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU060013.D
Acq: 18 Jul 2024 12:48

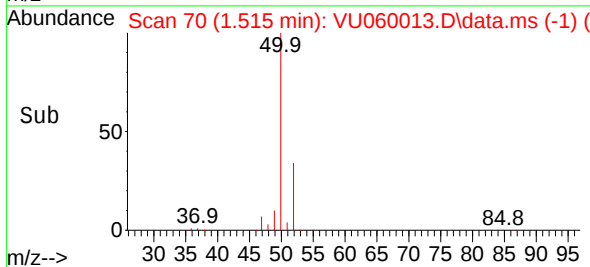
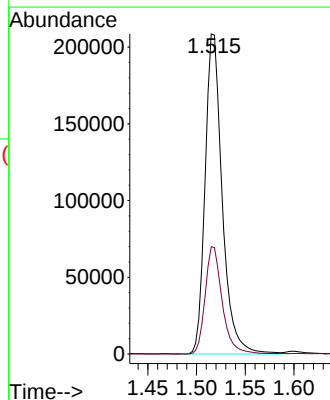
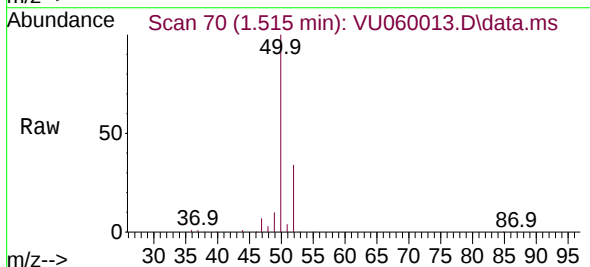
Instrument :
MSVOA_U
ClientSampleId :

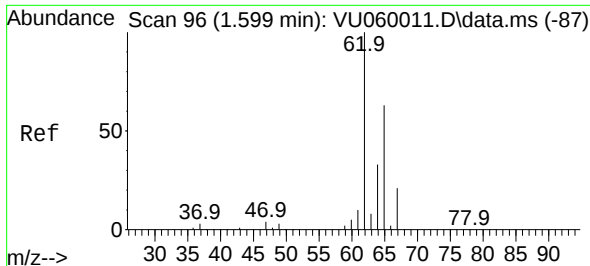
Tgt Ion: 85 Resp: 221460
Ion Ratio Lower Upper
85 100
87 31.9 26.1 39.1



#3
Chloromethane
Concen: 18.148 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU060013.D
Acq: 18 Jul 2024 12:48

Tgt Ion: 50 Resp: 254573
Ion Ratio Lower Upper
50 100
52 33.5 23.4 43.4

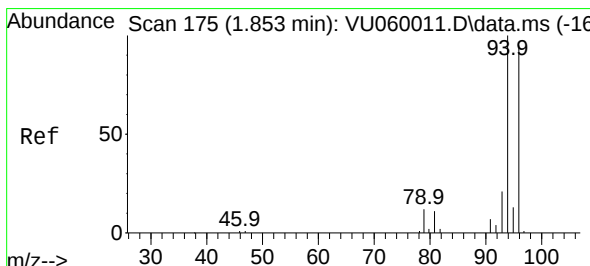
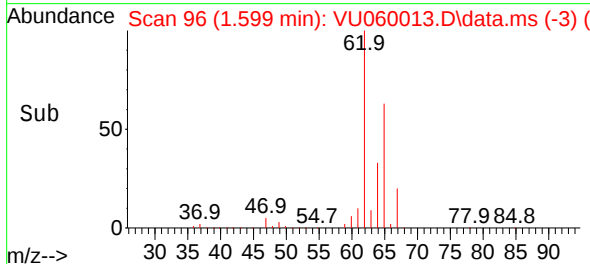
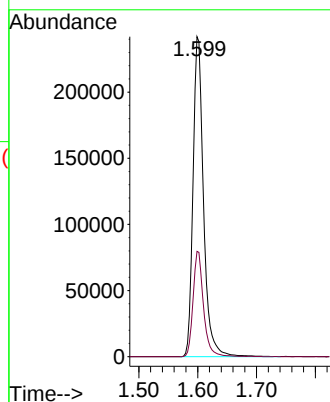
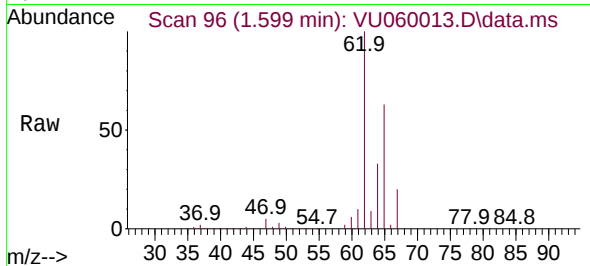




#5
 Vinyl chloride
 Concen: 19.183 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: VU060013.D
 Acq: 18 Jul 2024 12:48

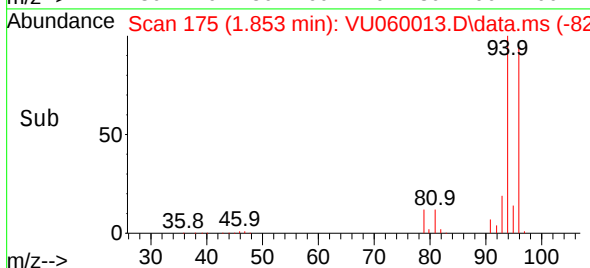
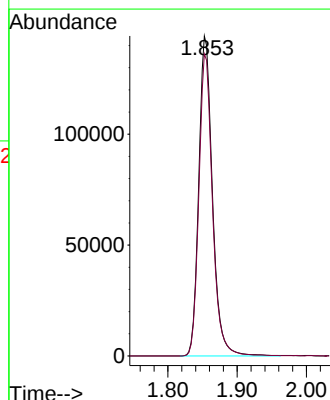
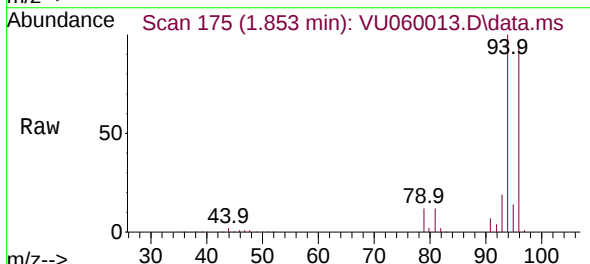
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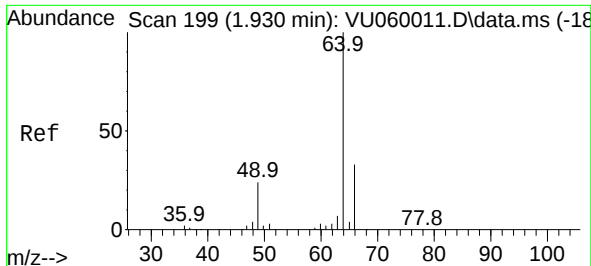
Tgt Ion: 62 Resp: 300543
 Ion Ratio Lower Upper
 62 100
 64 32.9 22.8 42.4



#6
 Bromomethane
 Concen: 18.334 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.000 min
 Lab File: VU060013.D
 Acq: 18 Jul 2024 12:48

Tgt Ion: 94 Resp: 199226
 Ion Ratio Lower Upper
 94 100
 96 94.4 66.6 123.6

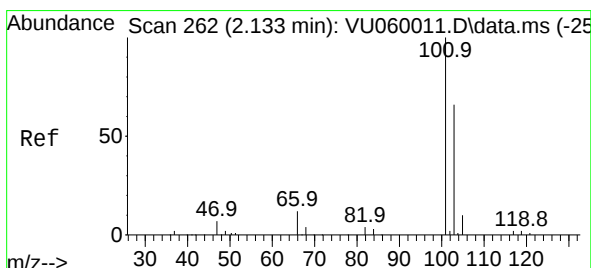
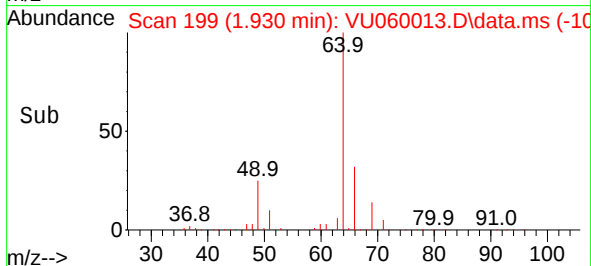
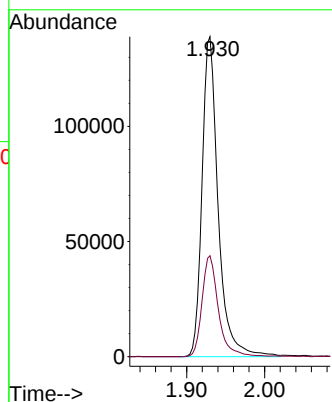
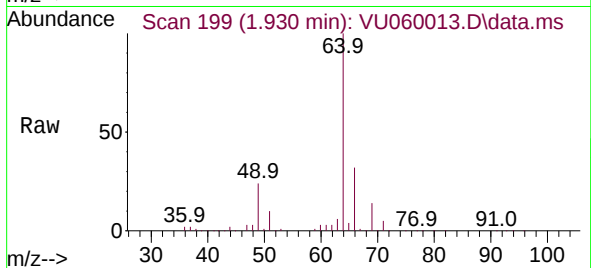




#8
Chloroethane
Concen: 20.962 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU060013.D
Acq: 18 Jul 2024 12:48

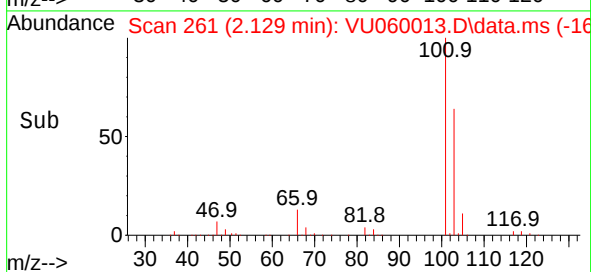
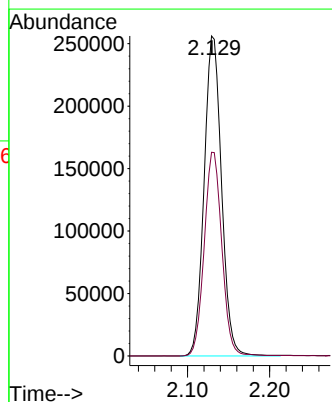
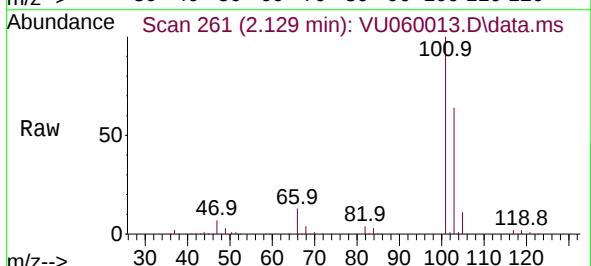
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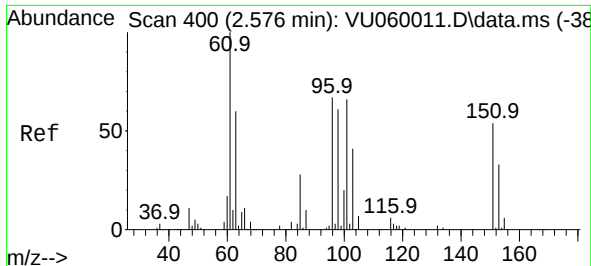
Tgt Ion: 64 Resp: 199294
Ion Ratio Lower Upper
64 100
66 31.5 22.8 42.4



#9
Trichlorofluoromethane
Concen: 19.682 ug/L
RT: 2.129 min Scan# 261
Delta R.T. -0.003 min
Lab File: VU060013.D
Acq: 18 Jul 2024 12:48

Tgt Ion:101 Resp: 377421
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.2

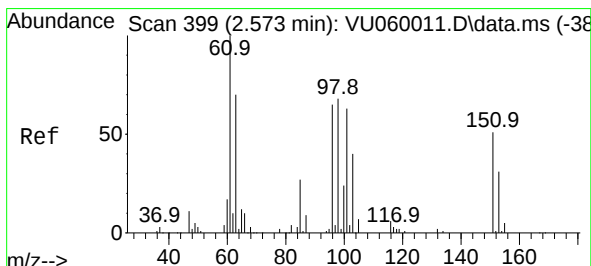
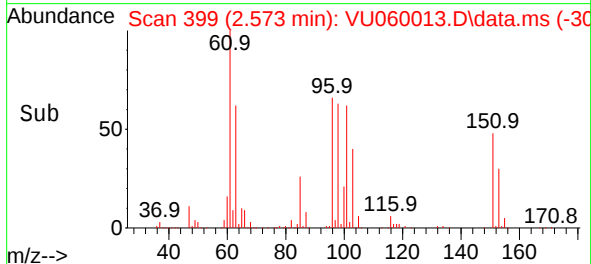
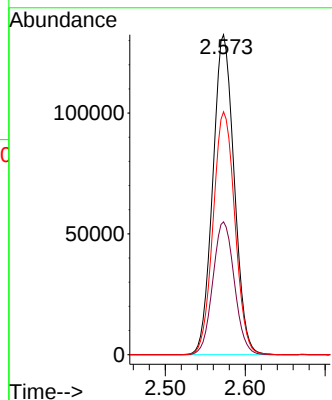
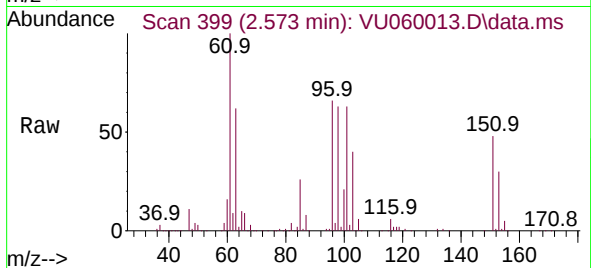




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.054 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU060013.D
 Acq: 18 Jul 2024 12:48

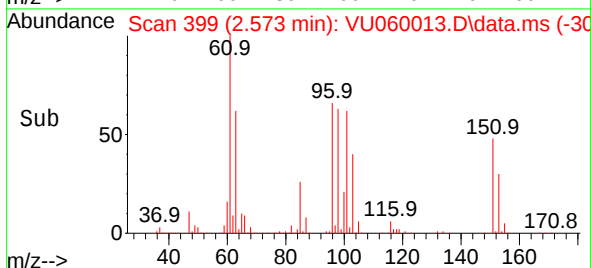
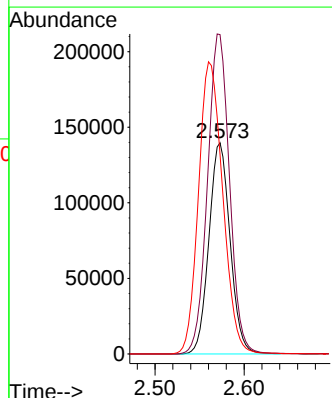
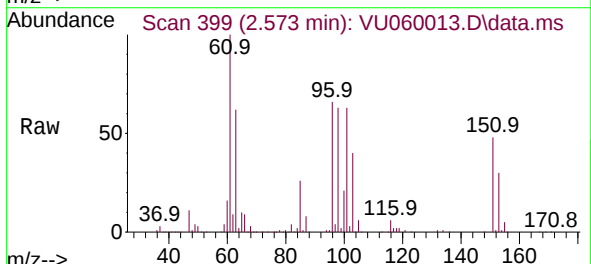
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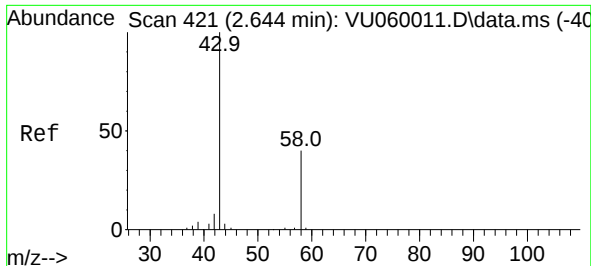
Tgt Ion:101 Resp: 245938
 Ion Ratio Lower Upper
 101 100
 85 41.8 33.2 49.8
 151 77.3 61.8 92.8



#12
 1,1-Dichloroethene
 Concen: 20.506 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU060013.D
 Acq: 18 Jul 2024 12:48

Tgt Ion: 96 Resp: 229842
 Ion Ratio Lower Upper
 96 100
 61 151.2 107.0 198.6
 63 94.4 76.4 142.0





#13

Acetone

Concen: 224.580 ug/L

RT: 2.640 min Scan# 41

Delta R.T. -0.004 min

Lab File: VU060013.D

Acq: 18 Jul 2024 12:48

Instrument :

MSVOA_U

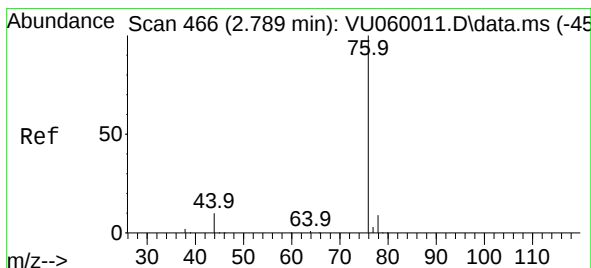
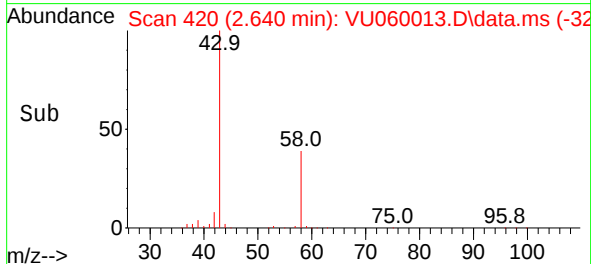
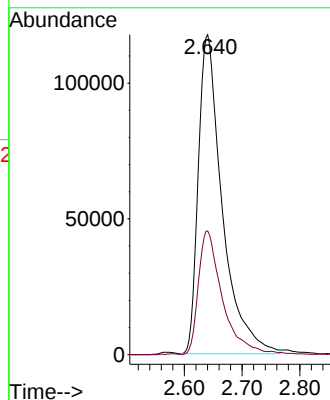
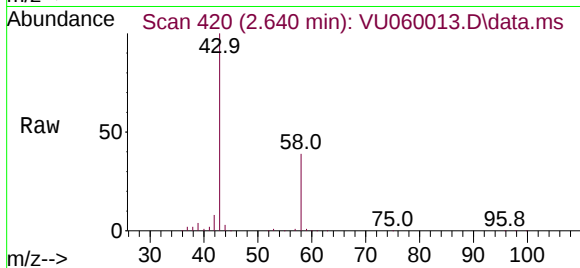
ClientSampleId :

Tgt Ion: 43 Resp: 337578

Ion Ratio Lower Upper

43 100

58 38.6 0.0 82.2



#14

Carbon disulfide

Concen: 17.804 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU060013.D

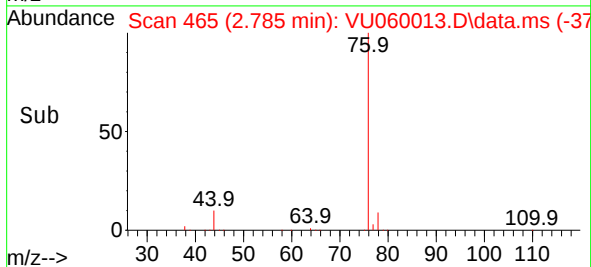
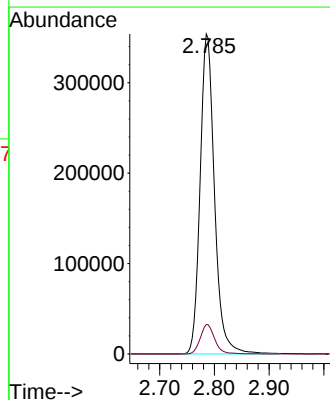
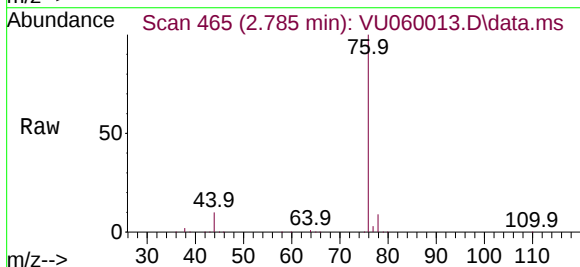
Acq: 18 Jul 2024 12:48

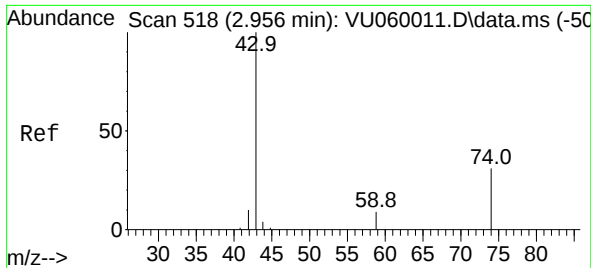
Tgt Ion: 76 Resp: 645649

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0





#15

Methyl Acetate

Concen: 22.989 ug/L

RT: 2.946 min Scan# 518

Delta R.T. -0.010 min

Lab File: VU060013.D

Acq: 18 Jul 2024 12:48

Instrument :

MSVOA_U

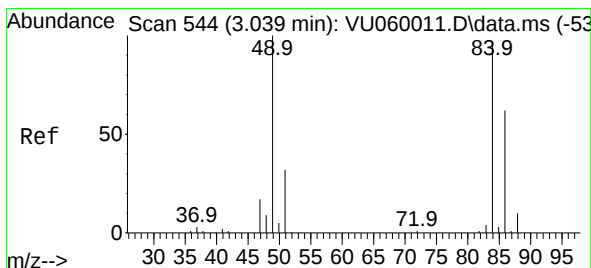
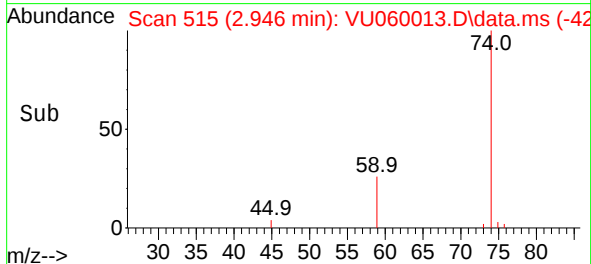
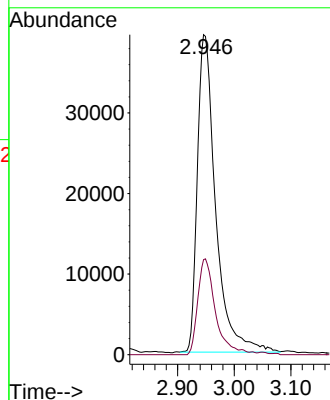
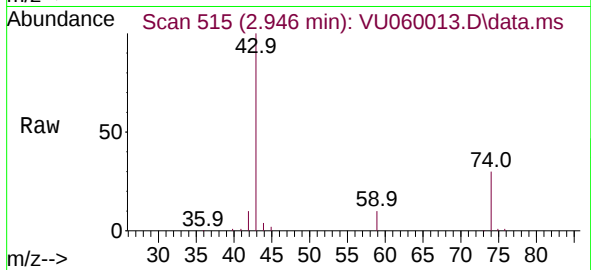
ClientSampleId :

Tgt Ion: 43 Resp: 88404

Ion Ratio Lower Upper

43 100

74 29.0 23.5 35.3



#16

Methylene chloride

Concen: 19.708 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.004 min

Lab File: VU060013.D

Acq: 18 Jul 2024 12:48

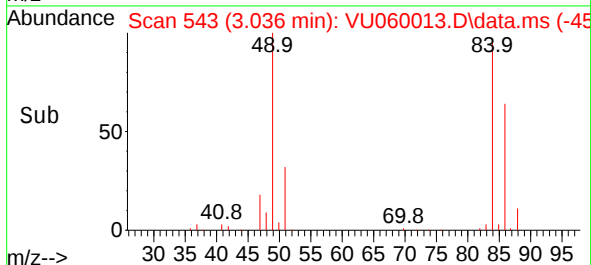
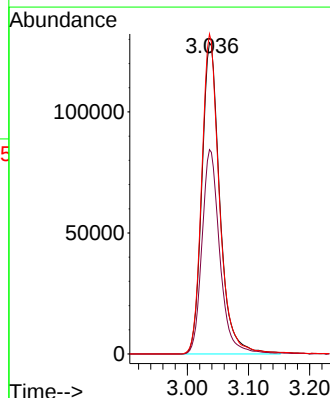
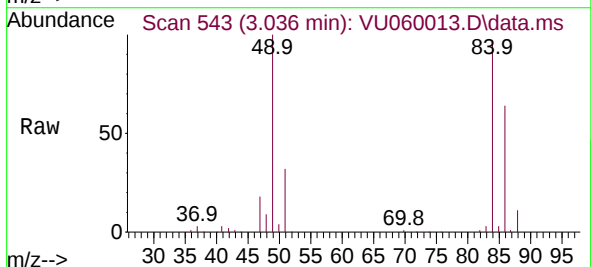
Tgt Ion: 84 Resp: 262746

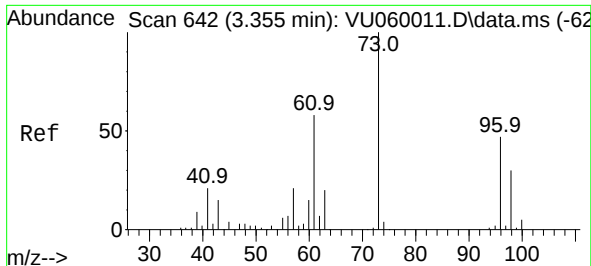
Ion Ratio Lower Upper

84 100

86 65.6 44.4 82.5

49 102.8 72.0 133.6

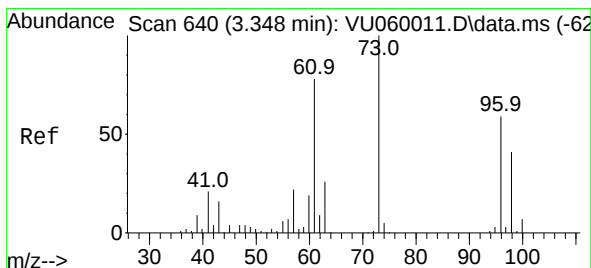
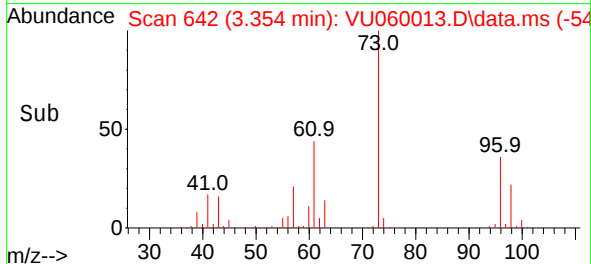
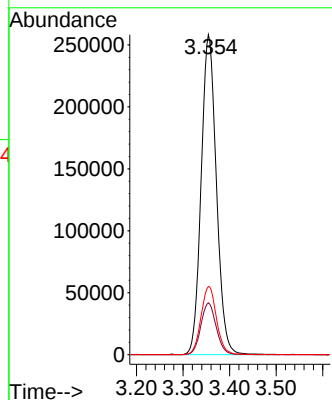
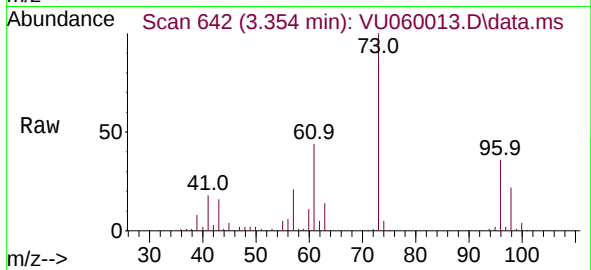




#17
Methyl tert-butyl Ether
Concen: 24.077 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU060013.D
Acq: 18 Jul 2024 12:48

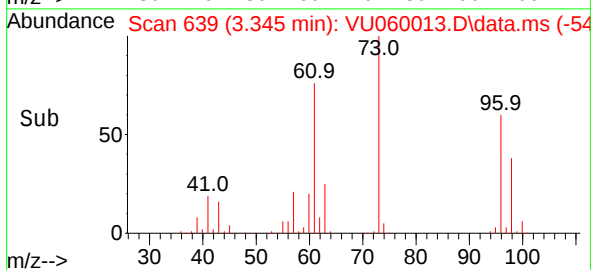
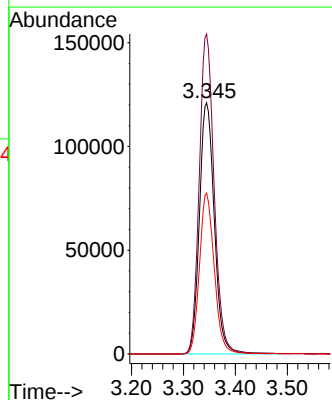
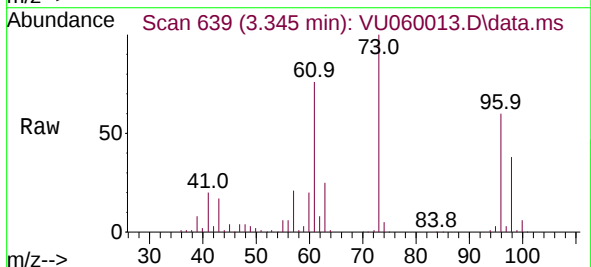
Instrument :
MSVOA_U
ClientSampleId :

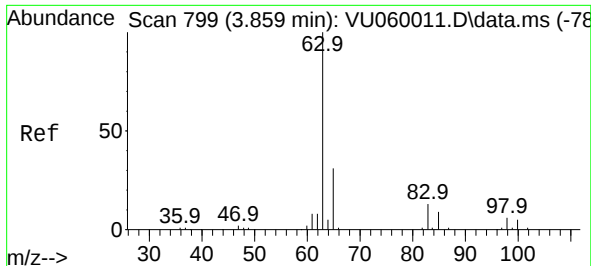
Tgt Ion: 73 Resp: 587679
Ion Ratio Lower Upper
73 100
43 16.2 13.1 19.7
57 21.7 17.0 25.4



#18
trans-1,2-Dichloroethene
Concen: 20.897 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU060013.D
Acq: 18 Jul 2024 12:48

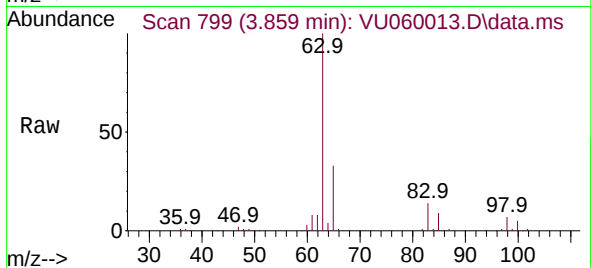
Tgt Ion: 96 Resp: 241937
Ion Ratio Lower Upper
96 100
61 127.4 91.6 170.0
98 64.0 47.7 88.5



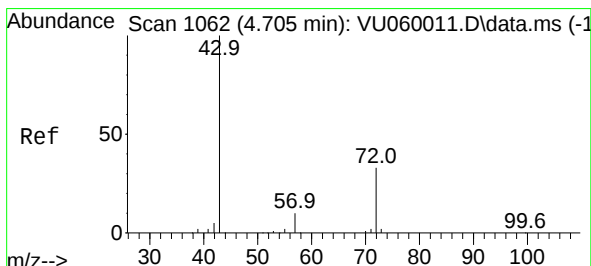
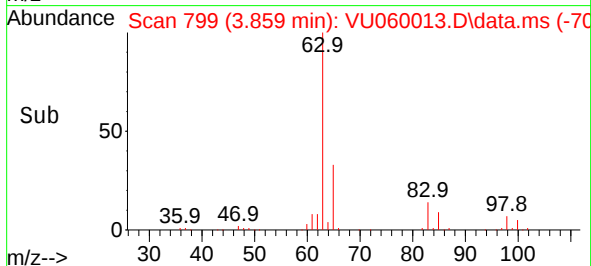
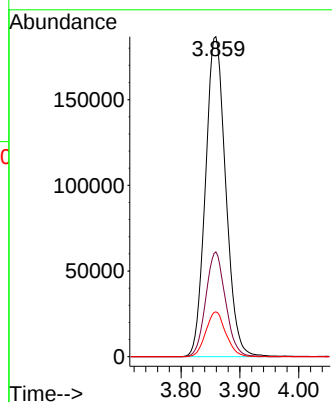


#19
1,1-Dichloroethane
Concen: 20.744 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU060013.D
Acq: 18 Jul 2024 12:48

Instrument :
MSVOA_U
ClientSampleId :

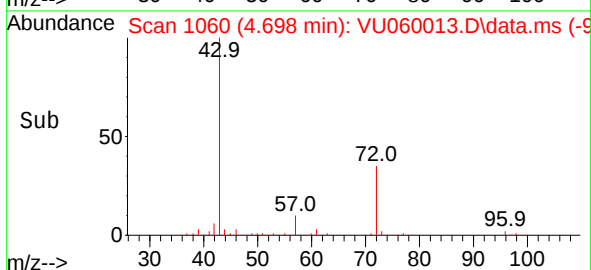
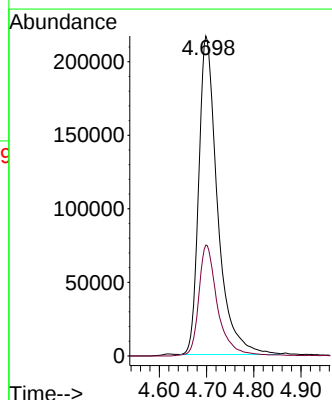
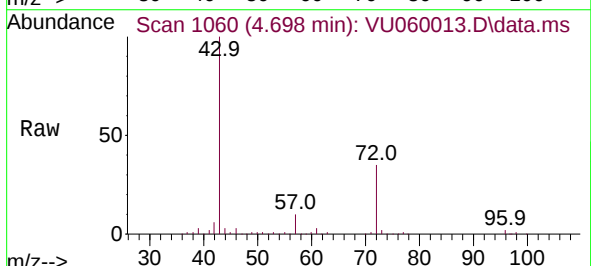


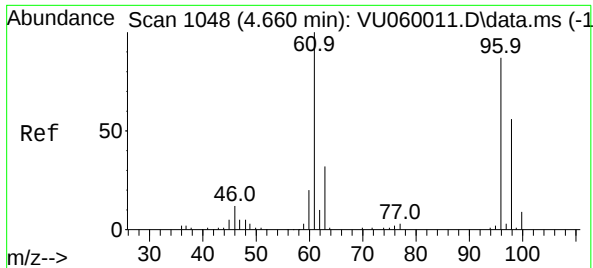
Tgt Ion: 63 Resp: 446744
Ion Ratio Lower Upper
63 100
65 32.8 22.0 40.8
83 14.0 9.7 17.9



#21
2-Butanone
Concen: 249.741 ug/L
RT: 4.698 min Scan# 1060
Delta R.T. -0.007 min
Lab File: VU060013.D
Acq: 18 Jul 2024 12:48

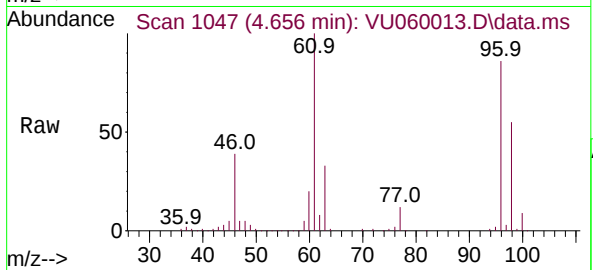
Tgt Ion: 43 Resp: 595874
Ion Ratio Lower Upper
43 100
72 35.0 16.3 48.9



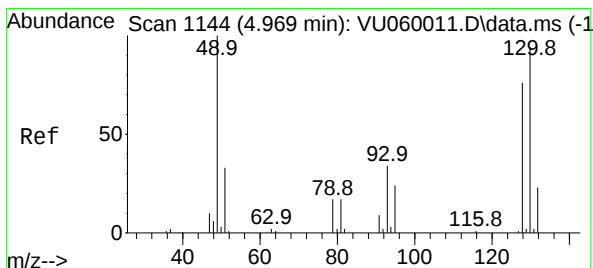
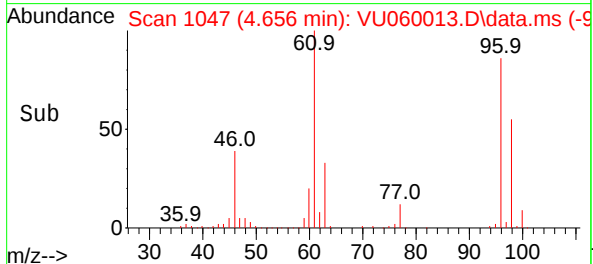
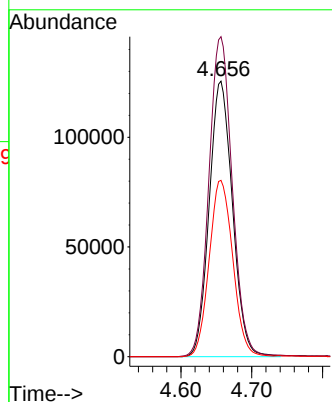


#22
cis-1,2-Dichloroethene
Concen: 22.349 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU060013.D
Acq: 18 Jul 2024 12:48

Instrument :
MSVOA_U
ClientSampleId :

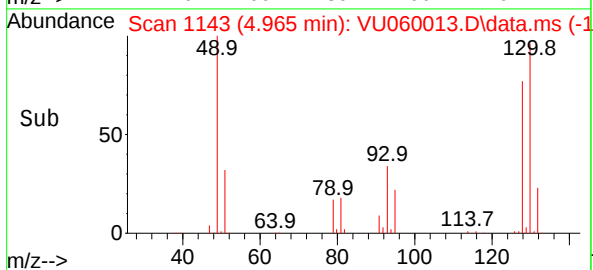
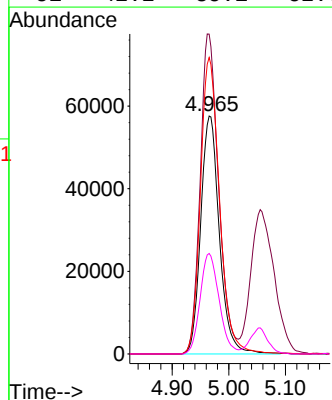
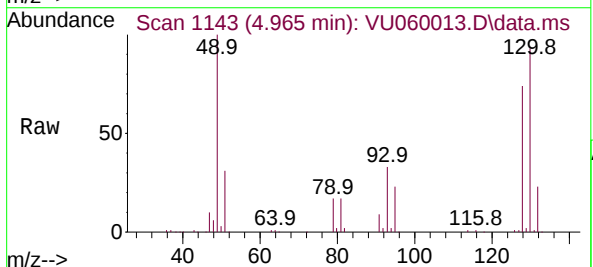


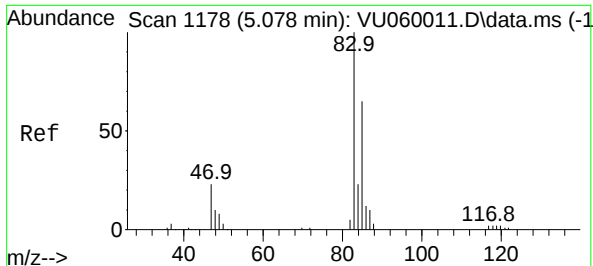
Tgt Ion: 96 Resp: 286975
Ion Ratio Lower Upper
96 100
61 116.2 80.2 148.9
98 64.0 44.7 83.1



#23
Bromochloromethane
Concen: 22.284 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.004 min
Lab File: VU060013.D
Acq: 18 Jul 2024 12:48

Tgt Ion:128 Resp: 131605
Ion Ratio Lower Upper
128 100
49 134.4 92.3 171.3
130 124.6 87.1 161.7
51 42.2 35.1 52.7





#25

Chloroform

Concen: 20.830 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU060013.D

Acq: 18 Jul 2024 12:48

Instrument :

MSVOA_U

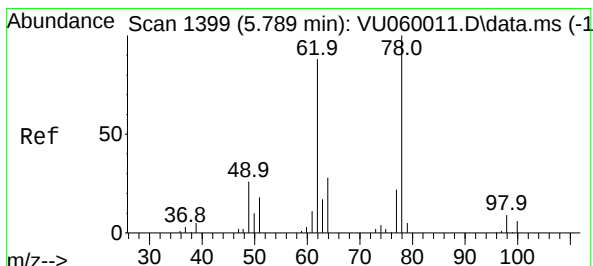
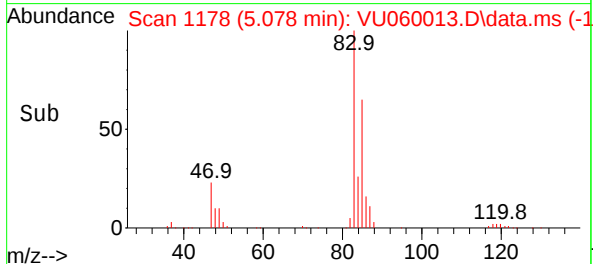
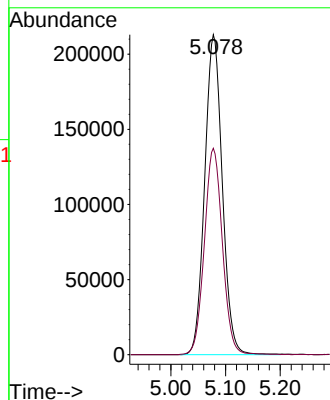
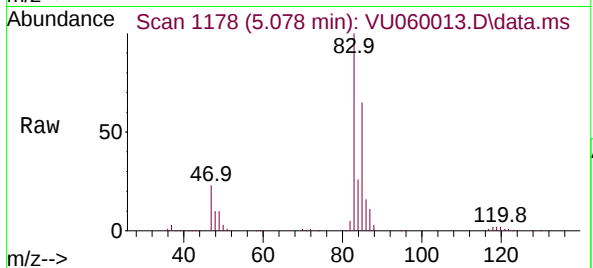
ClientSampleId :

Tgt Ion: 83 Resp: 475062

Ion Ratio Lower Upper

83 100

85 64.5 45.4 84.2



#27

1,2-Dichloroethane

Concen: 20.975 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.003 min

Lab File: VU060013.D

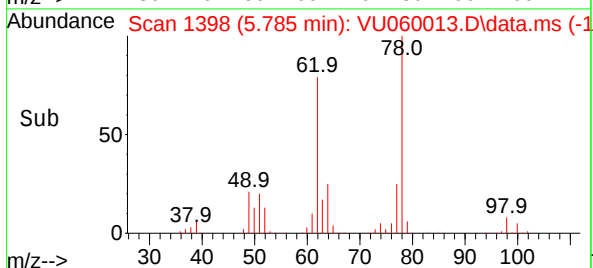
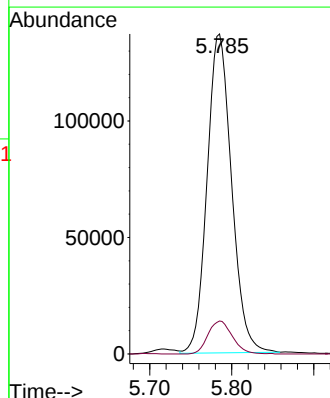
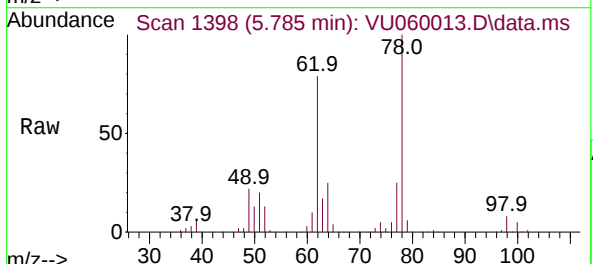
Acq: 18 Jul 2024 12:48

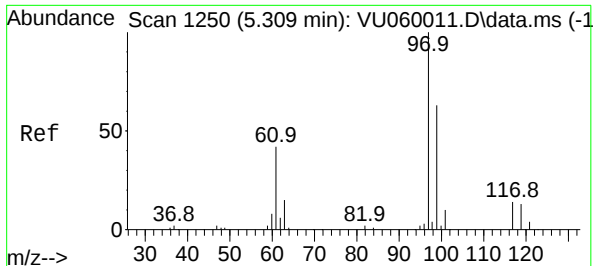
Tgt Ion: 62 Resp: 283846

Ion Ratio Lower Upper

62 100

98 10.3 7.9 11.9

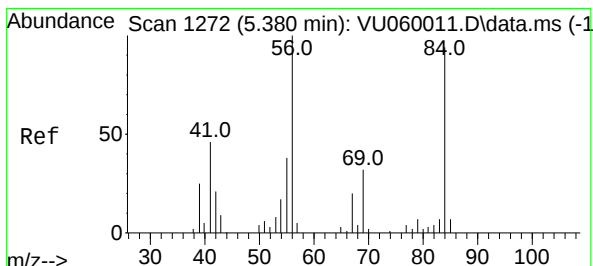
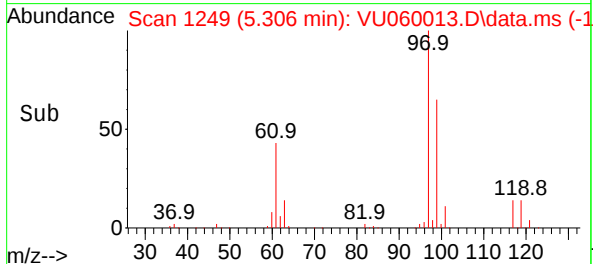
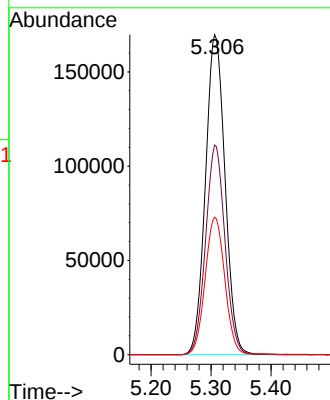
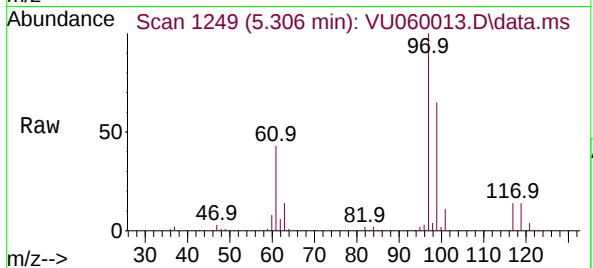




#29
1,1,1-Trichloroethane
Concen: 20.956 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.003 min
Lab File: VU060013.D
Acq: 18 Jul 2024 12:48

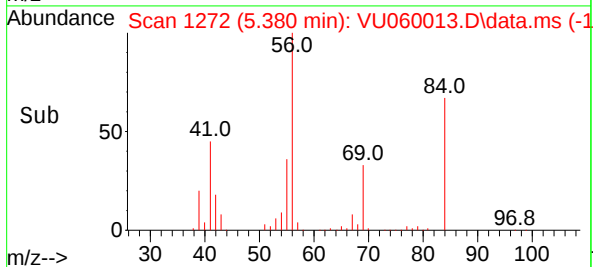
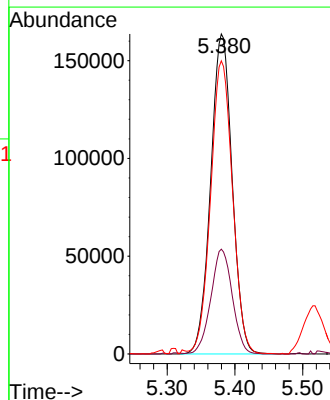
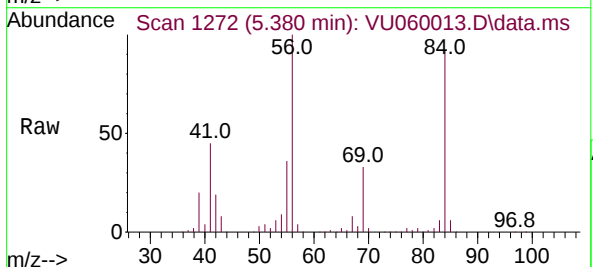
Instrument :
MSVOA_U
ClientSampleId :

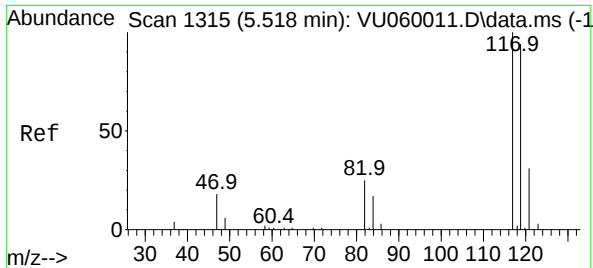
Tgt Ion: 97 Resp: 385390
Ion Ratio Lower Upper
97 100
99 64.9 51.0 76.4
61 43.2 34.1 51.1



#30
Cyclohexane
Concen: 22.951 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU060013.D
Acq: 18 Jul 2024 12:48

Tgt Ion: 56 Resp: 360799
Ion Ratio Lower Upper
56 100
69 32.7 26.6 39.8
84 93.2 77.2 115.8

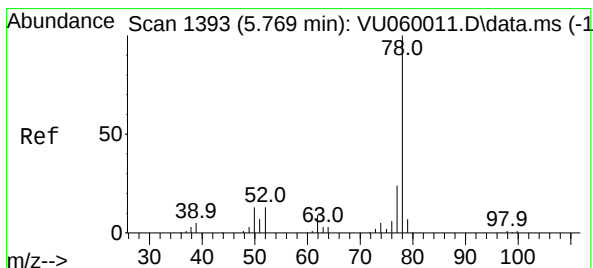
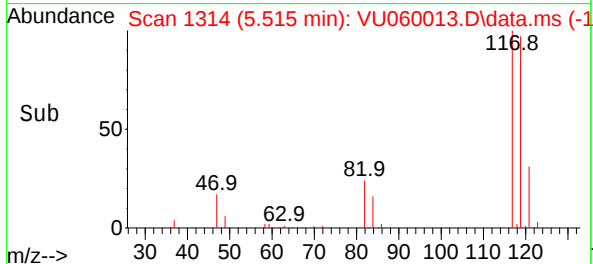
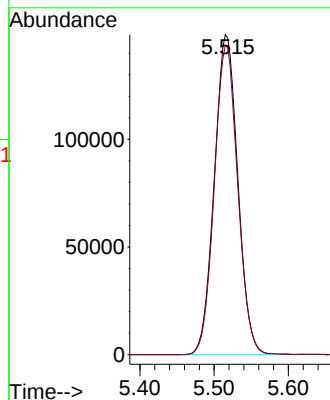
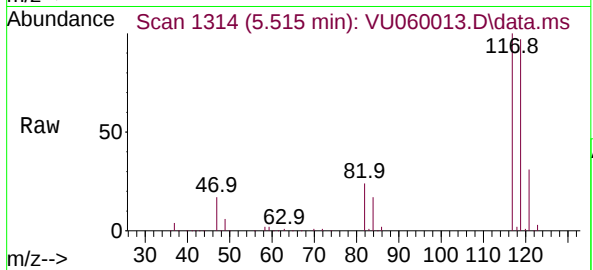




#31
Carbon tetrachloride
Concen: 21.122 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.004 min
Lab File: VU060013.D
Acq: 18 Jul 2024 12:48

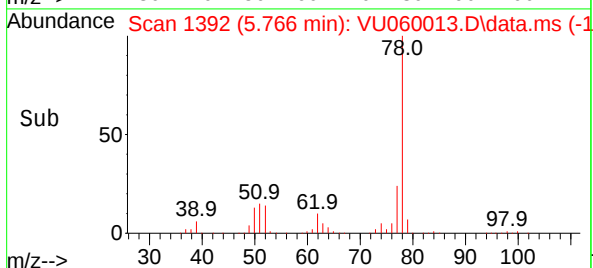
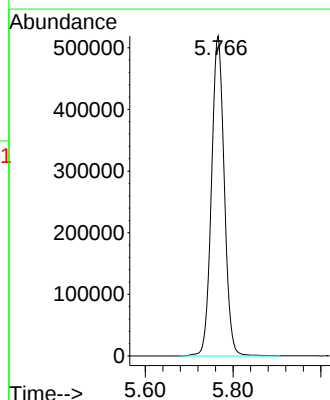
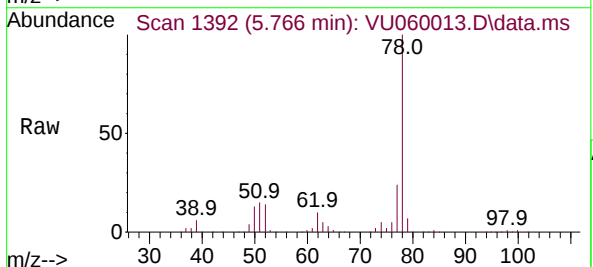
Instrument :
MSVOA_U
ClientSampleId :

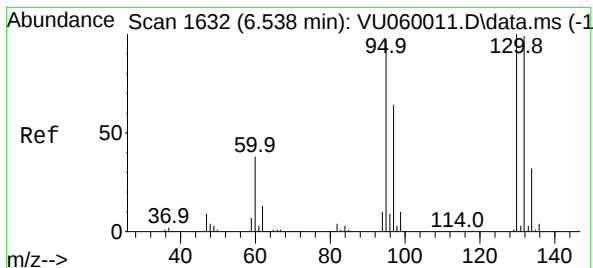
Tgt Ion:117 Resp: 326891
Ion Ratio Lower Upper
117 100
119 96.2 75.6 113.4



#33
Benzene
Concen: 21.778 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.003 min
Lab File: VU060013.D
Acq: 18 Jul 2024 12:48

Tgt Ion: 78 Resp: 1051303





#34

Trichloroethene

Concen: 21.375 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU060013.D

Acq: 18 Jul 2024 12:48

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 276963

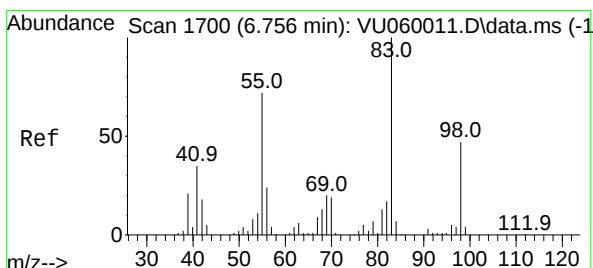
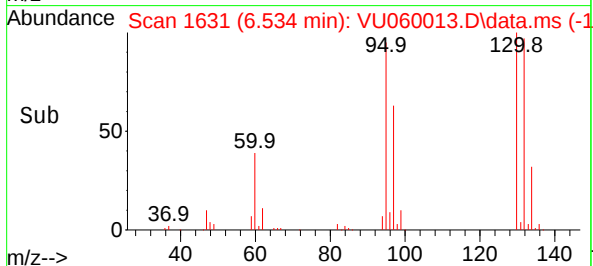
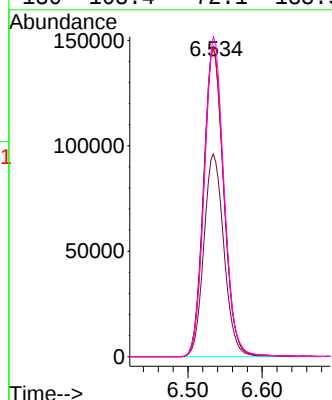
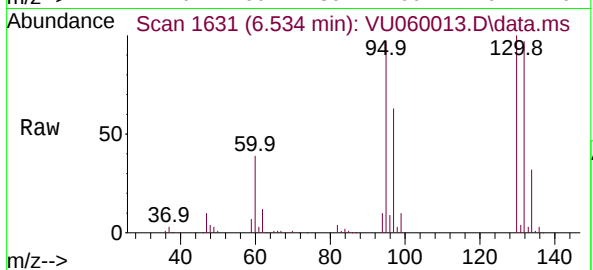
Ion Ratio Lower Upper

95 100

97 65.5 45.9 85.3

132 100.0 71.4 132.6

130 103.4 72.1 133.9



#35

Methylcyclohexane

Concen: 23.077 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VU060013.D

Acq: 18 Jul 2024 12:48

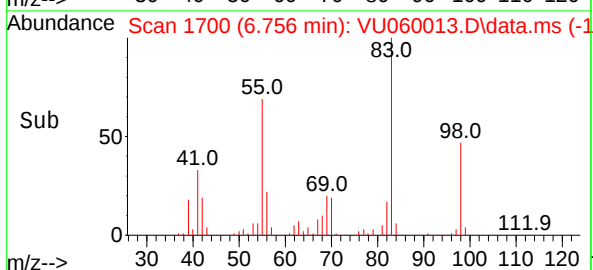
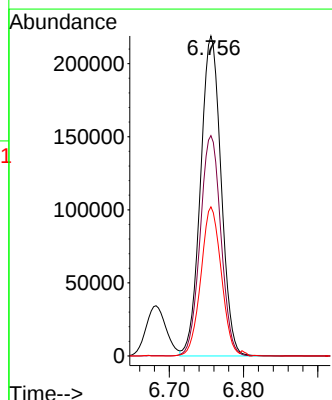
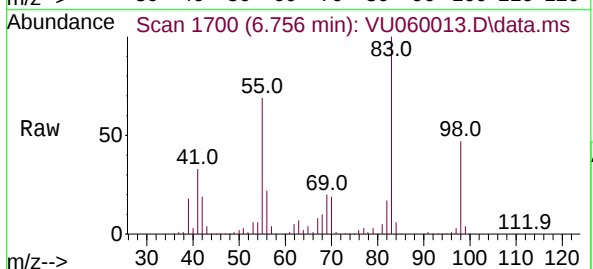
Tgt Ion: 83 Resp: 421927

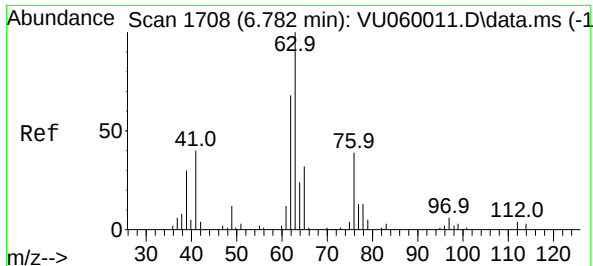
Ion Ratio Lower Upper

83 100

55 69.2 56.7 85.1

98 46.0 36.6 55.0

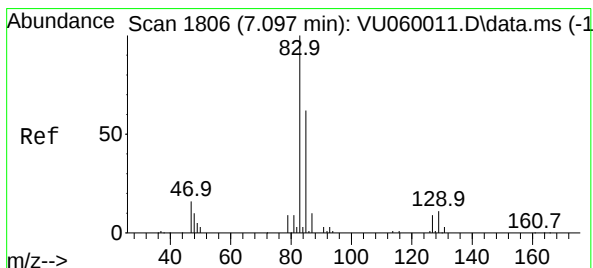
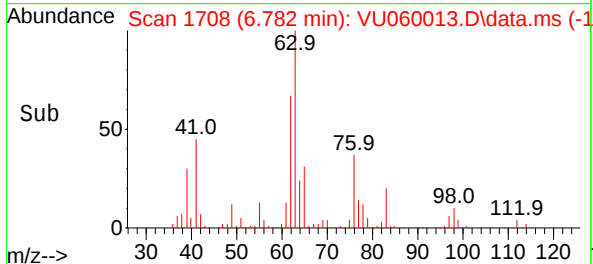
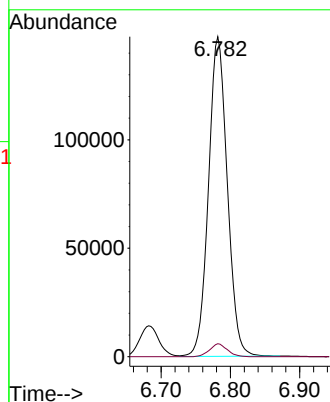
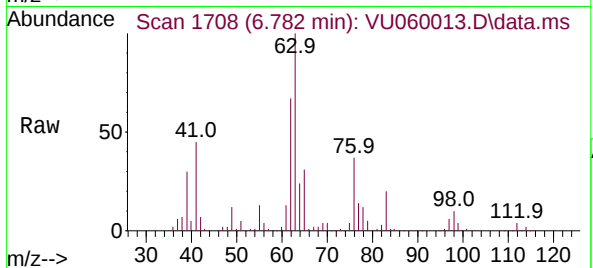




#37
1,2-Dichloropropane
Concen: 22.222 ug/L
RT: 6.782 min Scan# 1708
Delta R.T. -0.000 min
Lab File: VU060013.D
Acq: 18 Jul 2024 12:48

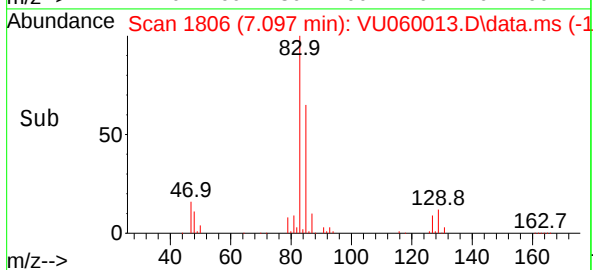
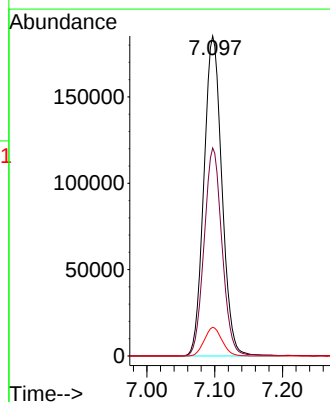
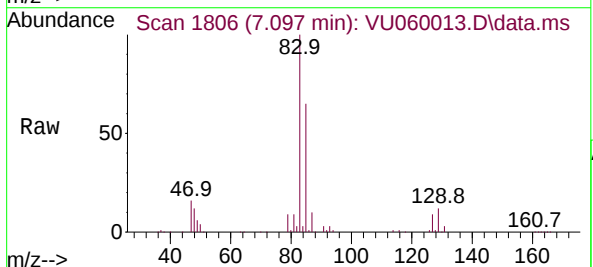
Instrument :
MSVOA_U
ClientSampleId :

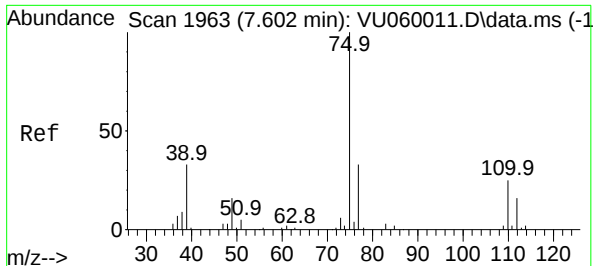
Tgt Ion: 63 Resp: 277372
Ion Ratio Lower Upper
63 100
112 3.8 3.3 4.9



#38
Bromodichloromethane
Concen: 21.905 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU060013.D
Acq: 18 Jul 2024 12:48

Tgt Ion: 83 Resp: 341853
Ion Ratio Lower Upper
83 100
85 65.0 43.5 80.7
127 8.9 7.1 10.7

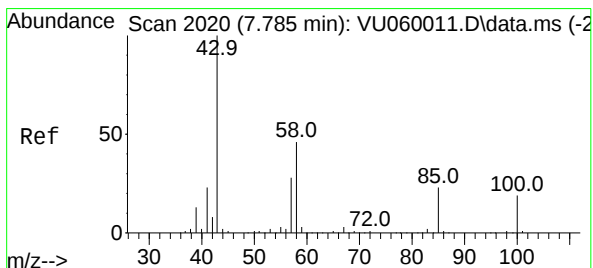
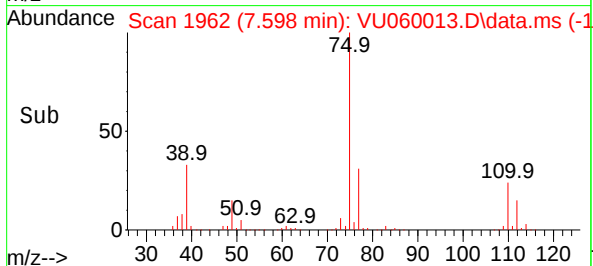
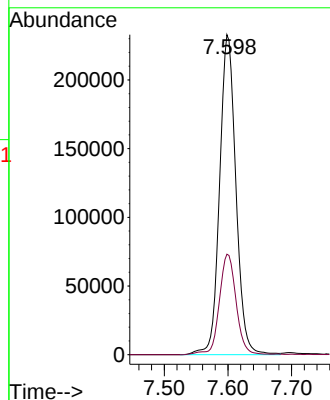
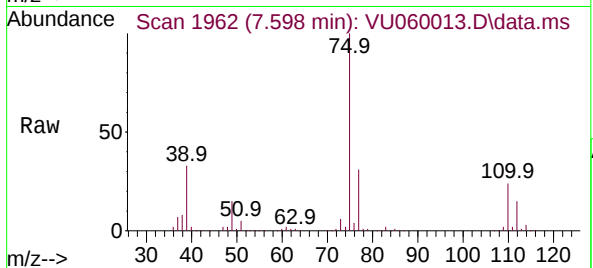




#39
cis-1,3-Dichloropropene
Concen: 24.411 ug/L
RT: 7.598 min Scan# 1962
Delta R.T. -0.003 min
Lab File: VU060013.D
Acq: 18 Jul 2024 12:48

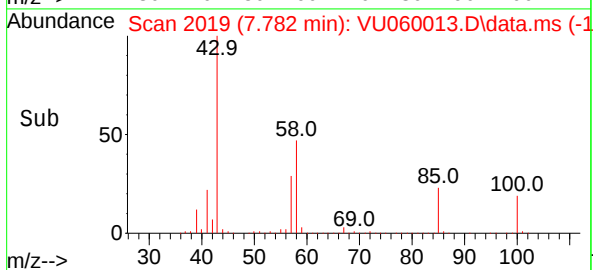
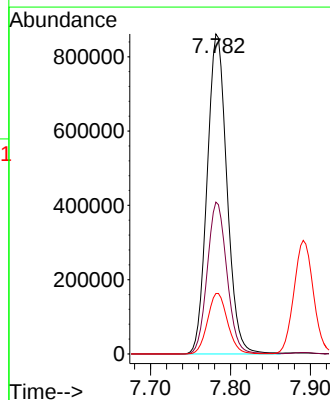
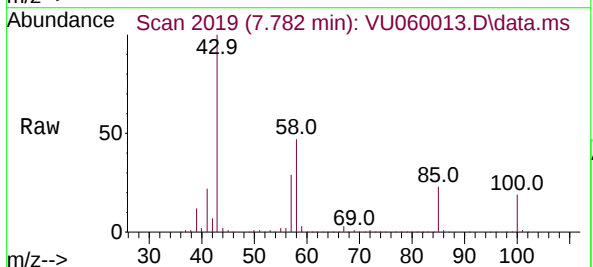
Instrument :
MSVOA_U
ClientSampleId :

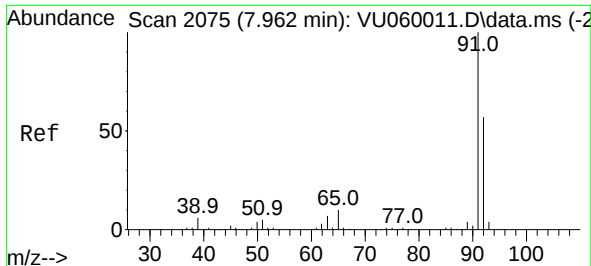
Tgt Ion: 75 Resp: 414494
Ion Ratio Lower Upper
75 100
77 31.4 23.2 43.2



#40
4-Methyl-2-pentanone
Concen: 257.183 ug/L
RT: 7.782 min Scan# 2019
Delta R.T. -0.003 min
Lab File: VU060013.D
Acq: 18 Jul 2024 12:48

Tgt Ion: 43 Resp: 1483132
Ion Ratio Lower Upper
43 100
58 47.3 36.0 54.0
100 19.2 14.9 22.3





#42

Toluene

Concen: 22.978 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU060013.D

Acq: 18 Jul 2024 12:48

Instrument :

MSVOA_U

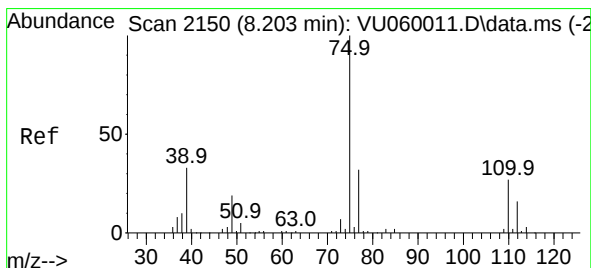
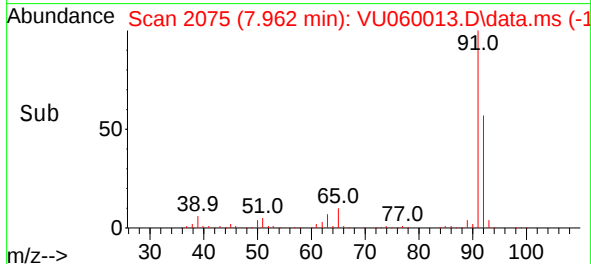
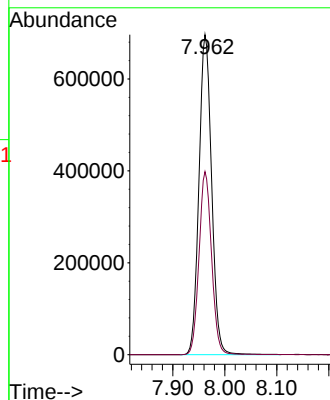
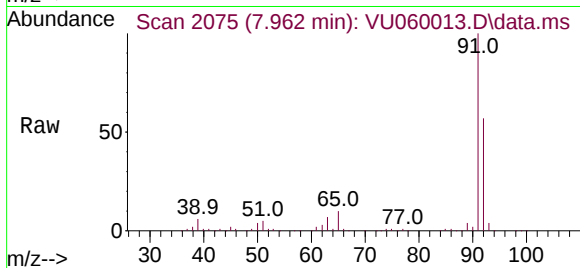
ClientSampleId :

Tgt Ion: 91 Resp: 1176093

Ion Ratio Lower Upper

91 100

92 57.2 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 24.677 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU060013.D

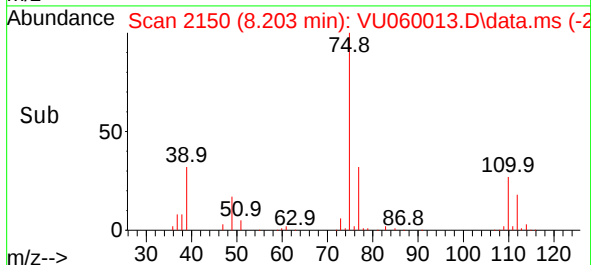
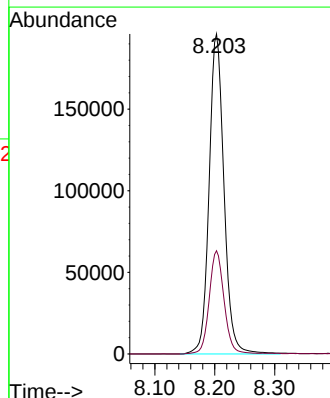
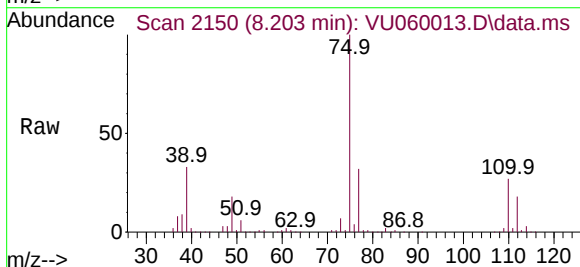
Acq: 18 Jul 2024 12:48

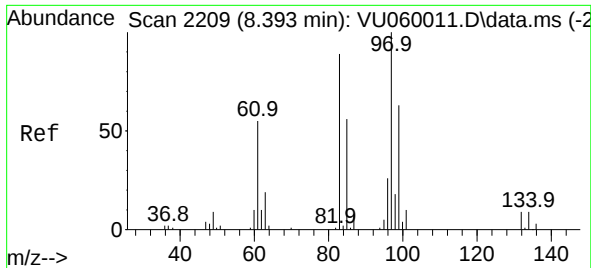
Tgt Ion: 75 Resp: 338355

Ion Ratio Lower Upper

75 100

77 32.3 22.6 42.0

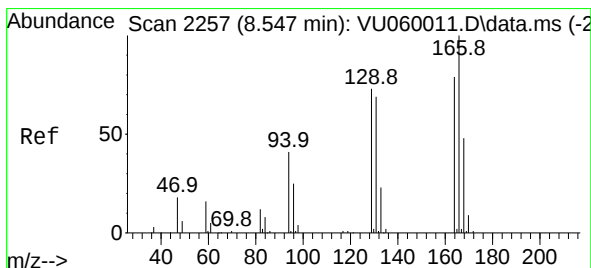
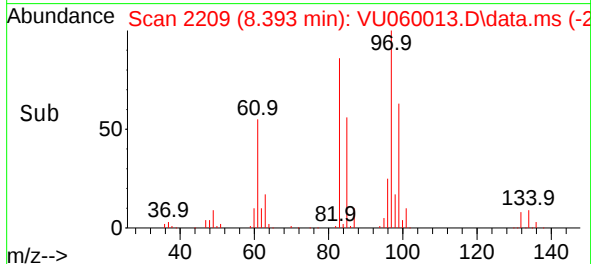
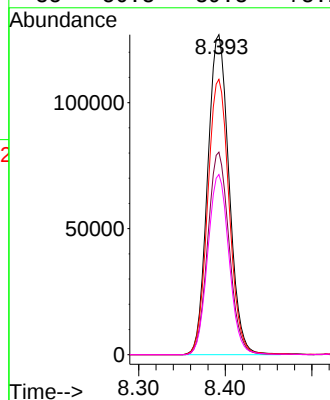
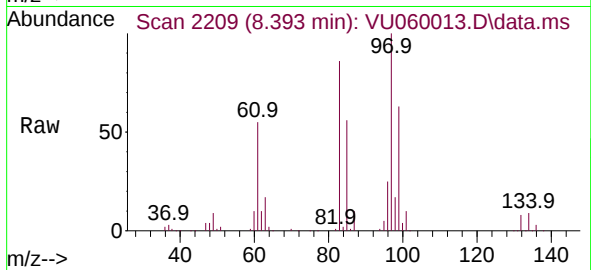




#45
1,1,2-Trichloroethane
Concen: 23.542 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU060013.D
Acq: 18 Jul 2024 12:48

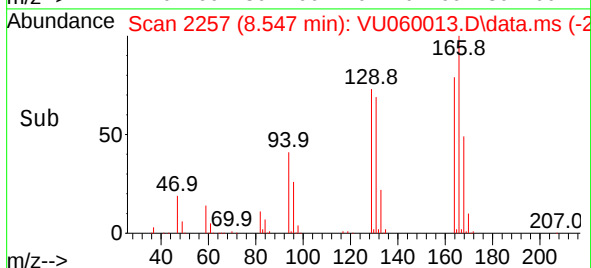
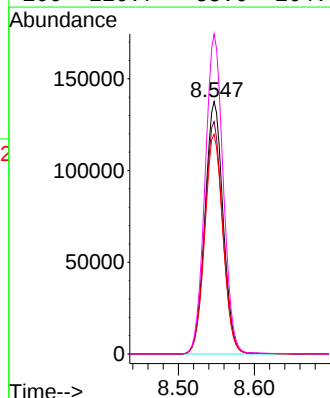
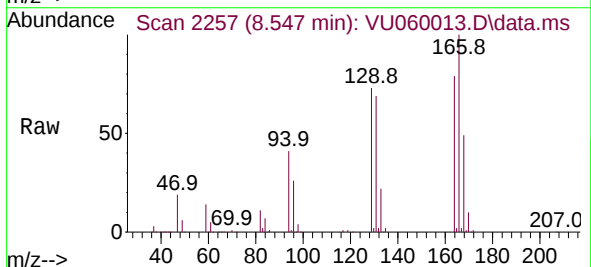
Instrument :
MSVOA_U
ClientSampleId :

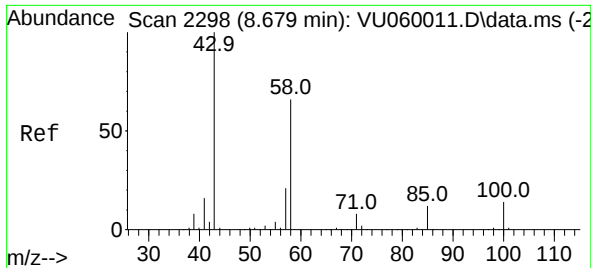
Tgt Ion:	97	Resp:	218631
Ion	Ratio	Lower	Upper
97	100		
99	63.3	43.8	81.4
83	86.1	62.1	115.3
85	56.3	39.3	73.1



#47
Tetrachloroethene
Concen: 22.241 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU060013.D
Acq: 18 Jul 2024 12:48

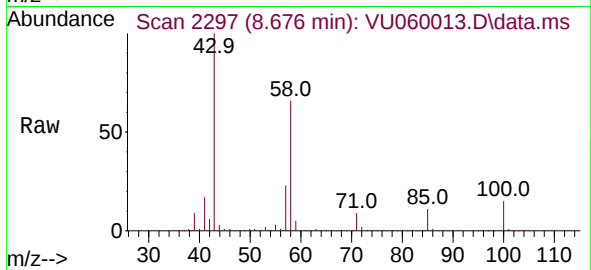
Tgt Ion:	164	Resp:	228358
Ion	Ratio	Lower	Upper
164	100		
129	92.0	64.6	120.0
131	87.0	61.2	113.8
166	126.7	88.6	164.6



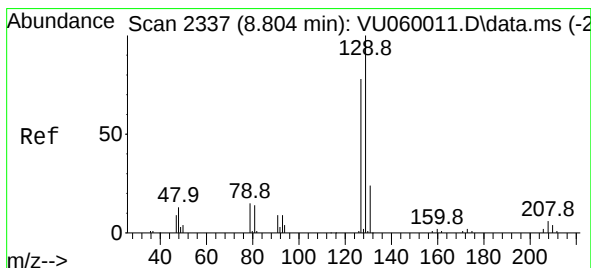
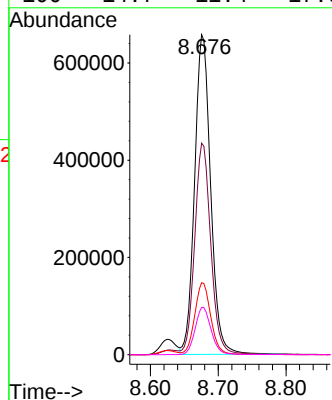
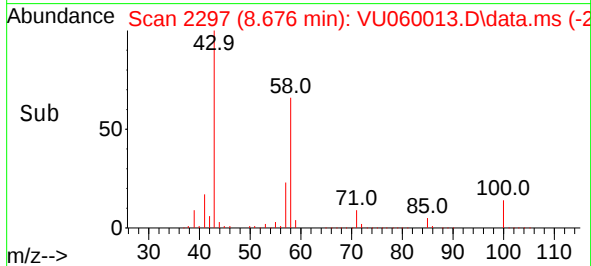


#48
2-Hexanone
Concen: 262.795 ug/L
RT: 8.676 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU060013.D
Acq: 18 Jul 2024 12:48

Instrument :
MSVOA_U
ClientSampleId :

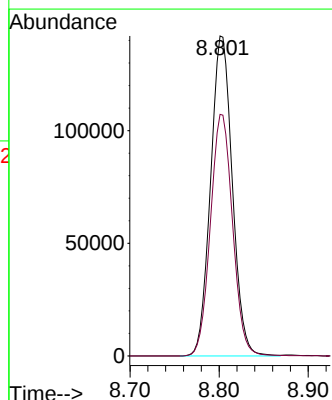
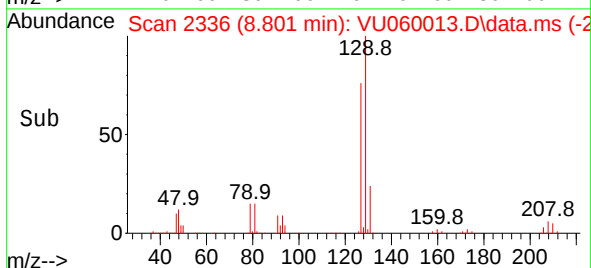
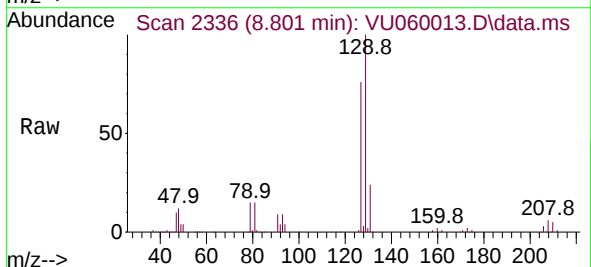


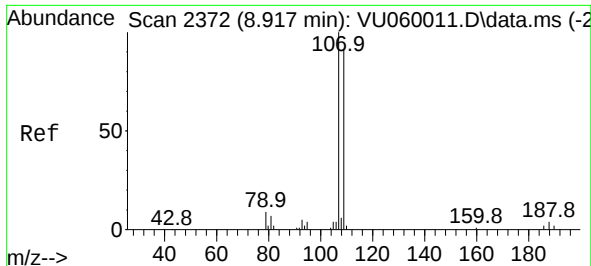
Tgt Ion: 43 Resp: 1081700
Ion Ratio Lower Upper
43 100
58 66.5 52.6 78.8
57 22.6 17.8 26.8
100 14.7 11.4 17.0



#49
Dibromochloromethane
Concen: 23.164 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.003 min
Lab File: VU060013.D
Acq: 18 Jul 2024 12:48

Tgt Ion:129 Resp: 240349
Ion Ratio Lower Upper
129 100
127 75.5 54.6 101.4





#50

1,2-Dibromoethane

Concen: 23.639 ug/L

RT: 8.917 min Scan# 2372

Delta R.T. -0.000 min MSVOA_U

Lab File: VU060013.D

Acq: 18 Jul 2024 12:48

Instrument :

MSVOA_U

ClientSampleId :

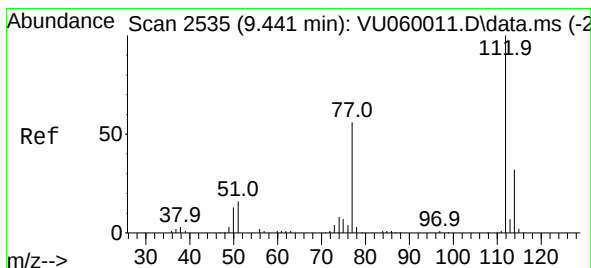
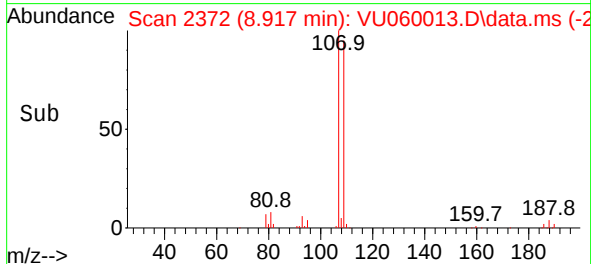
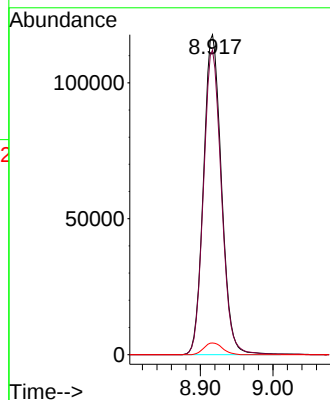
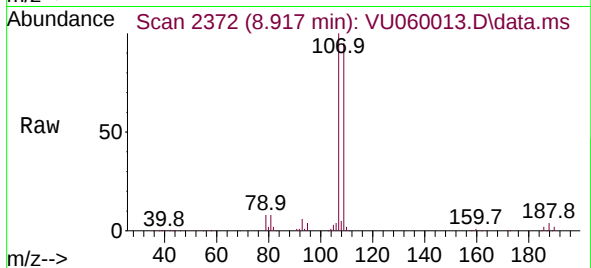
Tgt Ion:107 Resp: 202662

Ion Ratio Lower Upper

107 100

109 95.2 64.0 118.8

188 3.7 3.0 4.6



#51

Chlorobenzene

Concen: 22.716 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. -0.000 min

Lab File: VU060013.D

Acq: 18 Jul 2024 12:48

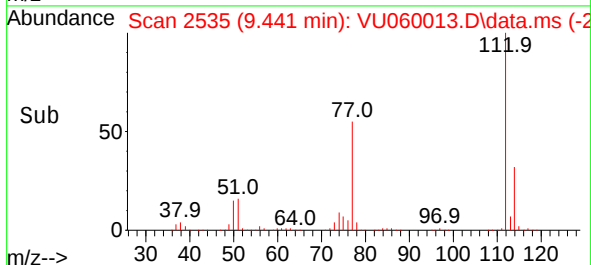
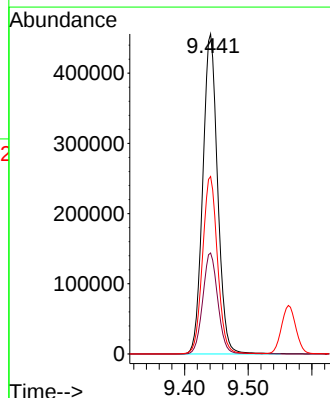
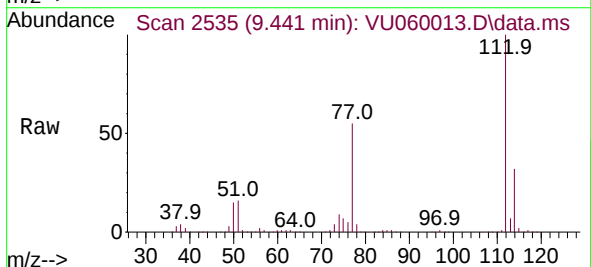
Tgt Ion:112 Resp: 737792

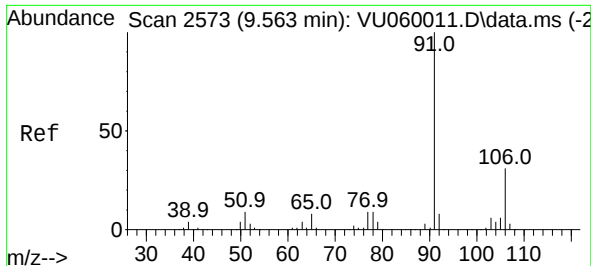
Ion Ratio Lower Upper

112 100

114 31.5 22.1 41.1

77 55.5 44.7 67.1





#52

Ethylbenzene

Concen: 24.206 ug/L

RT: 9.563 min Scan# 2573

Delta R.T. -0.000 min

Lab File: VU060013.D

Acq: 18 Jul 2024 12:48

Instrument :

MSVOA_U

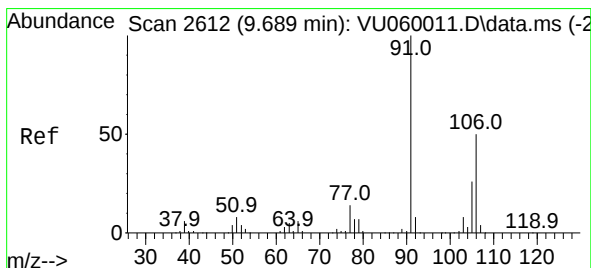
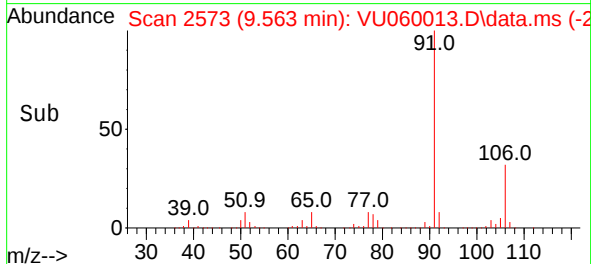
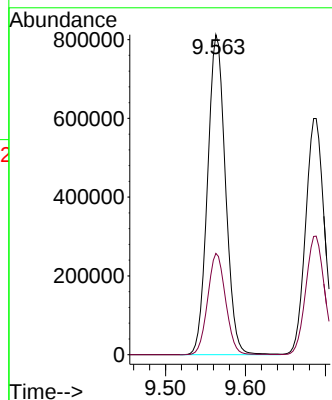
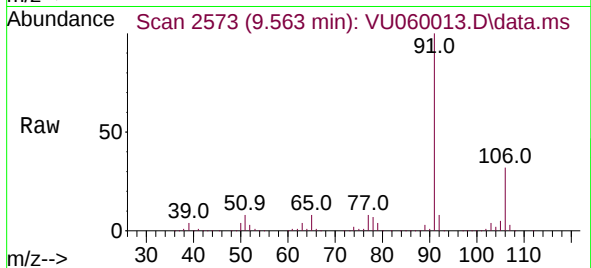
ClientSampleId :

Tgt Ion: 91 Resp: 1263394

Ion Ratio Lower Upper

91 100

106 31.7 21.9 40.7



#53

m,p-Xylene

Concen: 24.681 ug/L

RT: 9.688 min Scan# 2612

Delta R.T. -0.000 min

Lab File: VU060013.D

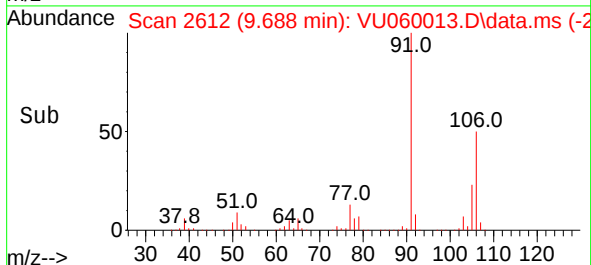
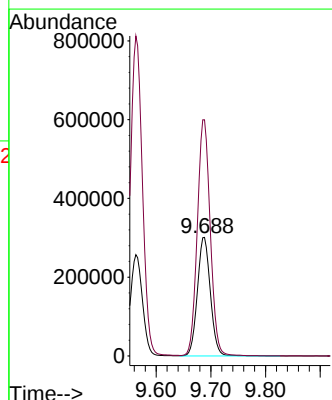
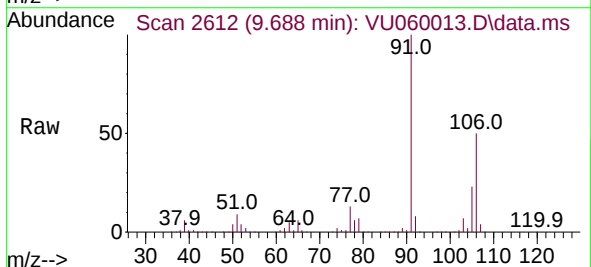
Acq: 18 Jul 2024 12:48

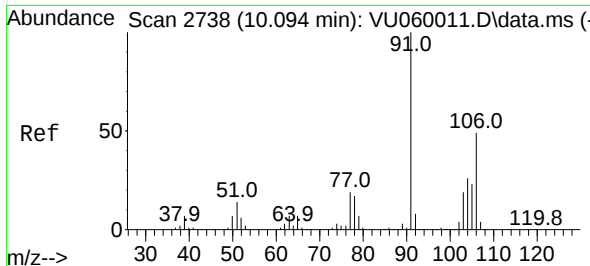
Tgt Ion:106 Resp: 495228

Ion Ratio Lower Upper

106 100

91 199.3 141.3 262.5

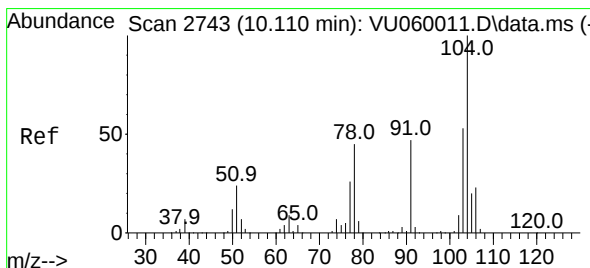
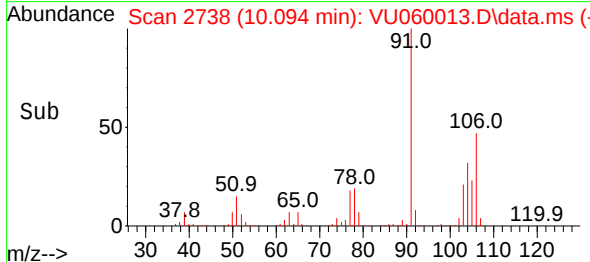
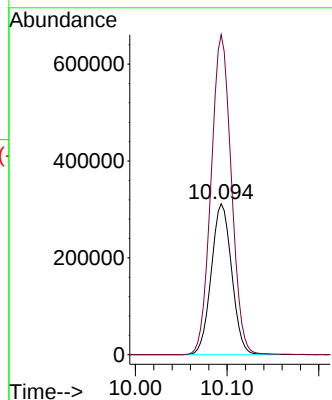
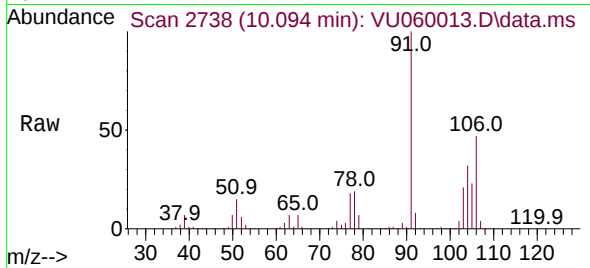




#54
o-Xylene
Concen: 25.205 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. -0.000 min
Lab File: VU060013.D
Acq: 18 Jul 2024 12:48

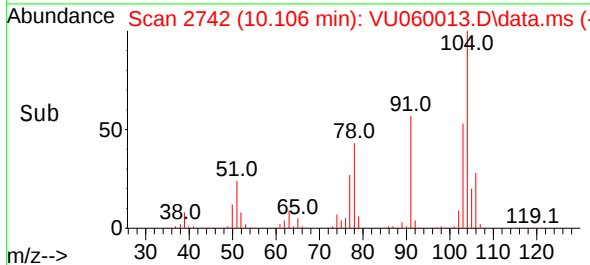
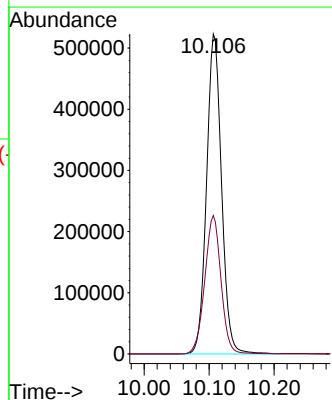
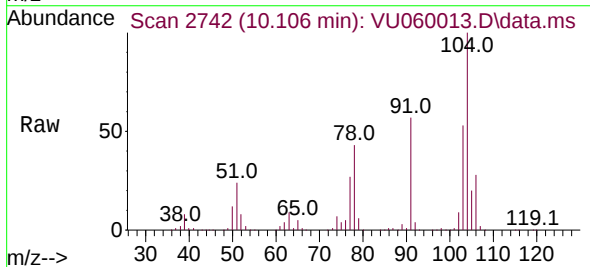
Instrument :
MSVOA_U
ClientSampleId :

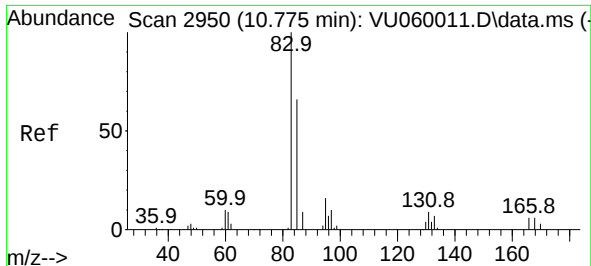
Tgt Ion:106 Resp: 481723
Ion Ratio Lower Upper
106 100
91 212.0 143.6 266.6



#55
Styrene
Concen: 25.890 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. -0.004 min
Lab File: VU060013.D
Acq: 18 Jul 2024 12:48

Tgt Ion:104 Resp: 841072
Ion Ratio Lower Upper
104 100
78 43.3 31.4 58.4





#57

1,1,2,2-Tetrachloroethane

Concen: 23.888 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU060013.D

Acq: 18 Jul 2024 12:48

Instrument :

MSVOA_U

ClientSampleId :

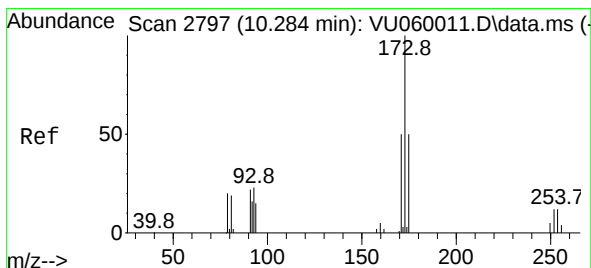
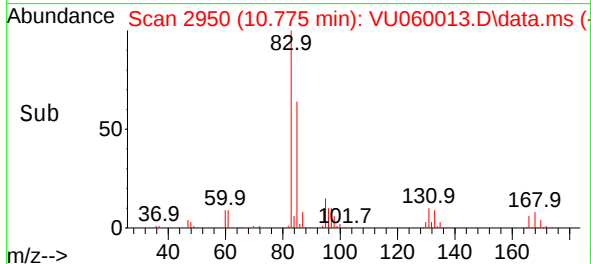
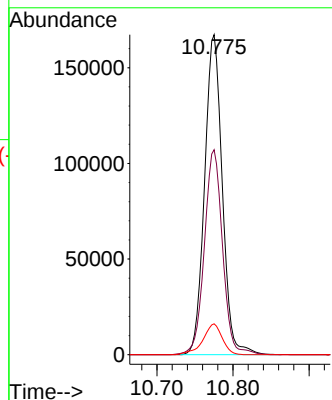
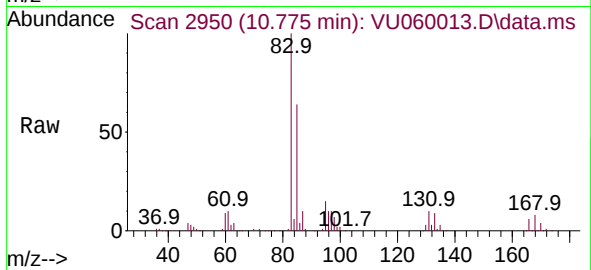
Tgt Ion: 83 Resp: 270411

Ion Ratio Lower Upper

83 100

85 64.0 46.8 87.0

131 9.6 7.8 11.6



#59

Bromoform

Concen: 22.760 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.000 min

Lab File: VU060013.D

Acq: 18 Jul 2024 12:48

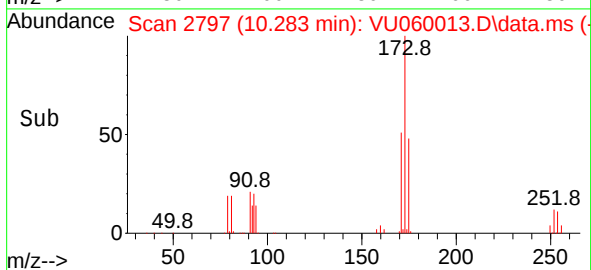
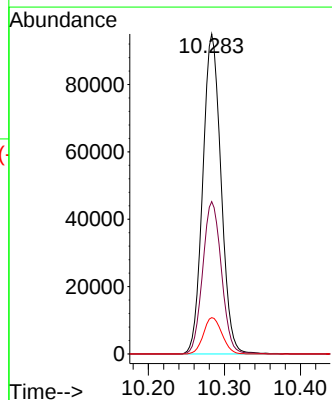
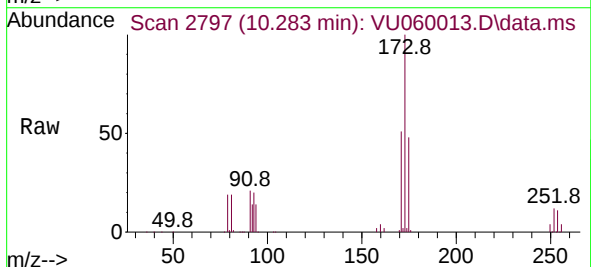
Tgt Ion:173 Resp: 158038

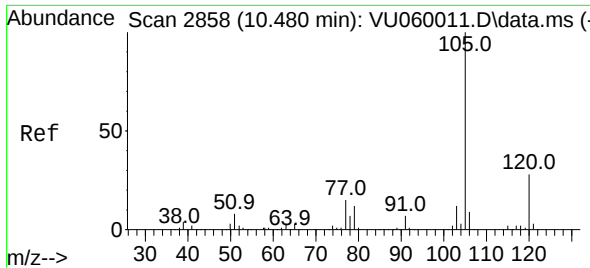
Ion Ratio Lower Upper

173 100

175 49.0 38.7 58.1

254 11.5 9.0 13.4

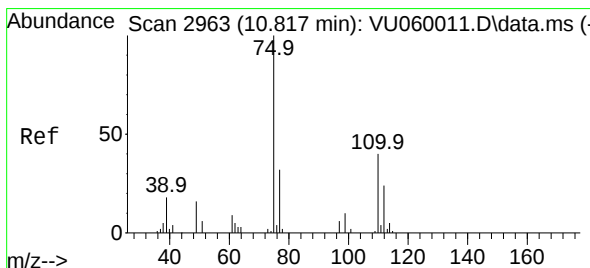
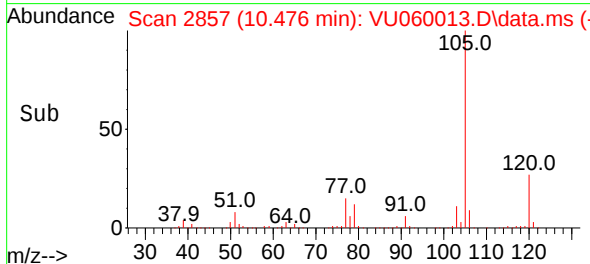
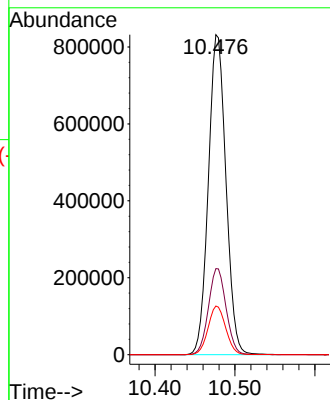
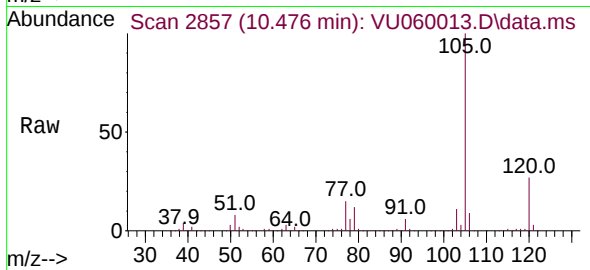




#60
Isopropylbenzene
Concen: 22.999 ug/L
RT: 10.476 min Scan# 2857
Delta R.T. -0.004 min
Lab File: VU060013.D
Acq: 18 Jul 2024 12:48

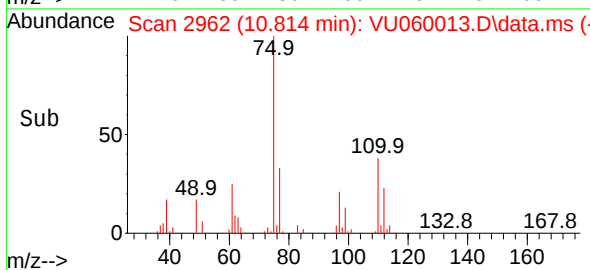
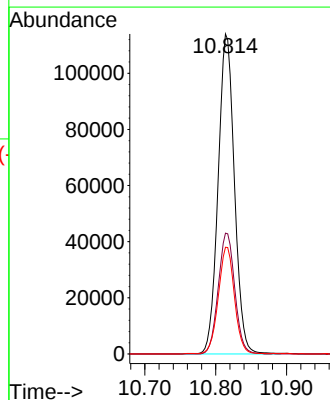
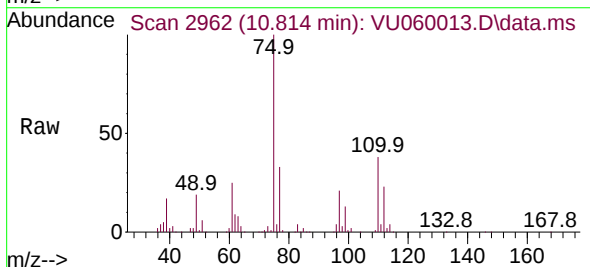
Instrument :
MSVOA_U
ClientSampleId :

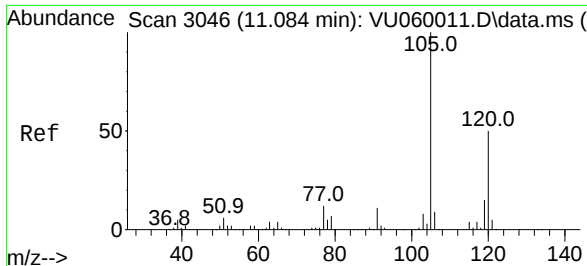
Tgt Ion:105 Resp: 1271119
Ion Ratio Lower Upper
105 100
120 27.1 21.9 32.9
77 15.3 12.1 18.1



#61
1,2,3-Trichloropropane
Concen: 21.969 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. -0.004 min
Lab File: VU060013.D
Acq: 18 Jul 2024 12:48

Tgt Ion: 75 Resp: 182188
Ion Ratio Lower Upper
75 100
110 38.2 30.8 46.2
77 32.6 26.2 39.2





#62

1,3,5-Trimethylbenzene

Concen: 24.452 ug/L

RT: 11.081 min Scan# 3046

Delta R.T. -0.003 min

Lab File: VU060013.D

Acq: 18 Jul 2024 12:48

Instrument :

MSVOA_U

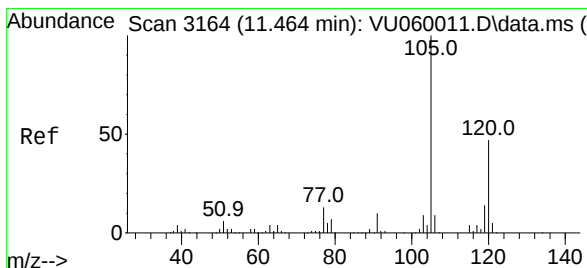
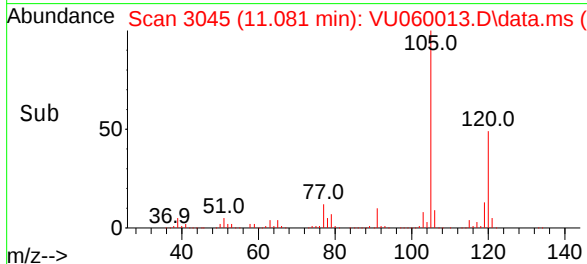
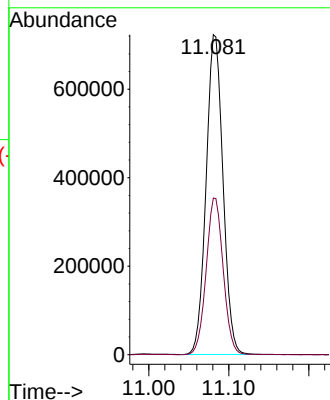
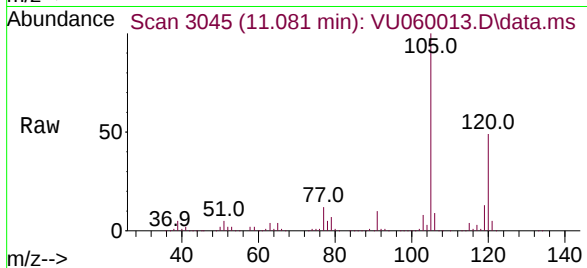
ClientSampleId :

Tgt Ion:105 Resp: 1061477

Ion Ratio Lower Upper

105 100

120 49.5 39.4 59.2



#63

1,2,4-Trimethylbenzene

Concen: 25.411 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.004 min

Lab File: VU060013.D

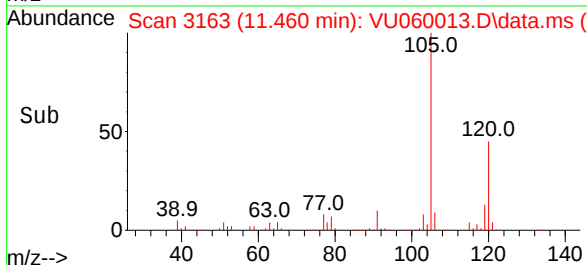
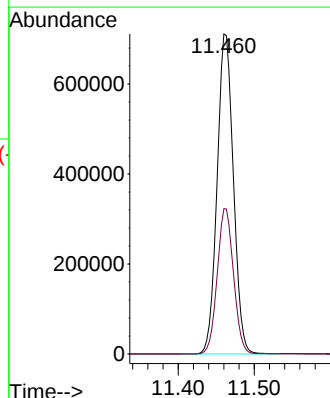
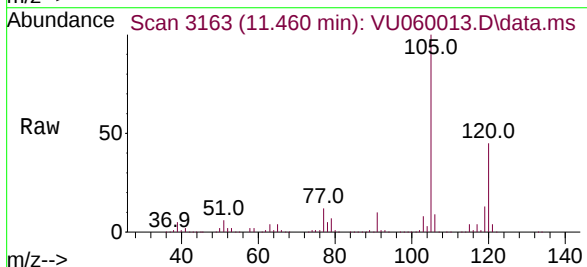
Acq: 18 Jul 2024 12:48

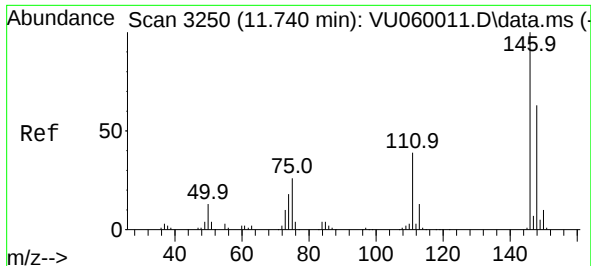
Tgt Ion:105 Resp: 1054790

Ion Ratio Lower Upper

105 100

120 45.4 36.7 55.1





#64

1,3-Dichlorobenzene

Concen: 21.873 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. -0.000 min

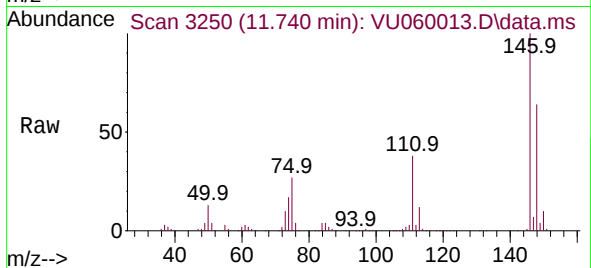
Lab File: VU060013.D

Acq: 18 Jul 2024 12:48

Instrument :

MSVOA_U

ClientSampleId :



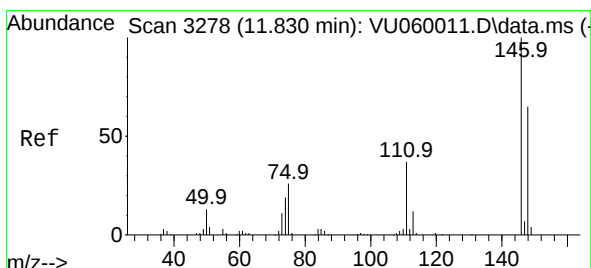
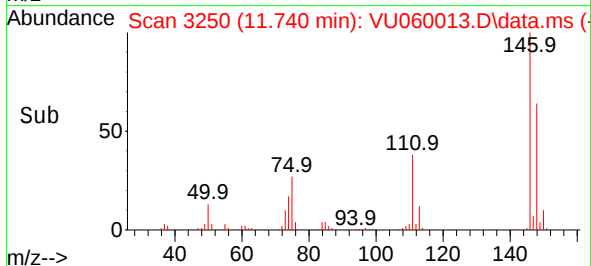
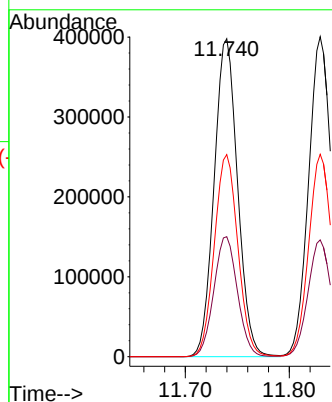
Tgt Ion:146 Resp: 624655

Ion Ratio Lower Upper

146 100

111 37.8 27.2 50.4

148 63.6 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 21.603 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.000 min

Lab File: VU060013.D

Acq: 18 Jul 2024 12:48

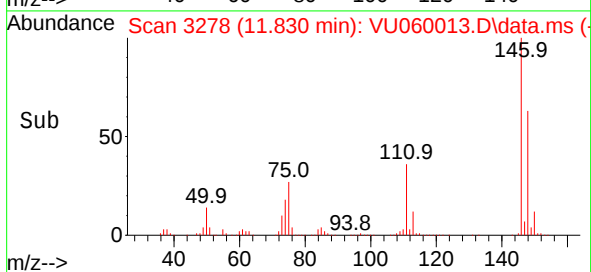
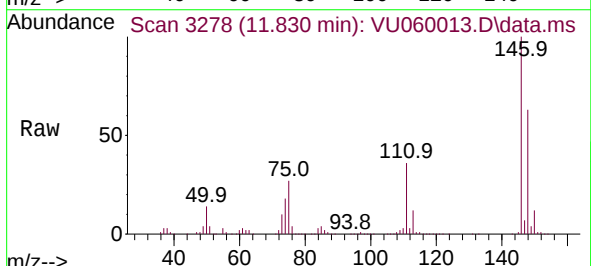
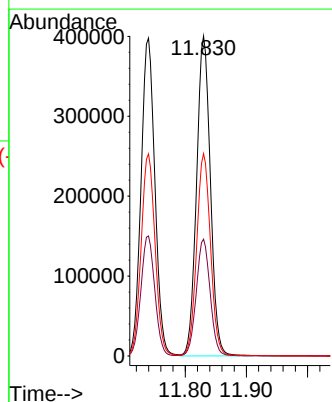
Tgt Ion:146 Resp: 628311

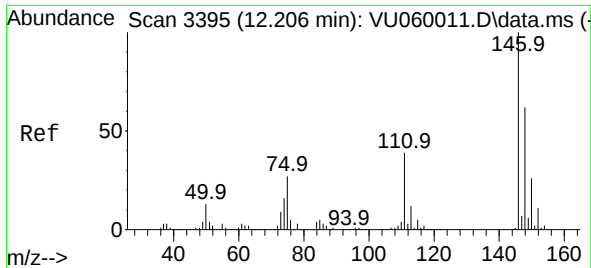
Ion Ratio Lower Upper

146 100

111 36.5 26.5 49.1

148 63.2 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 22.196 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU060013.D

Acq: 18 Jul 2024 12:48

Instrument :

MSVOA_U

ClientSampleId :

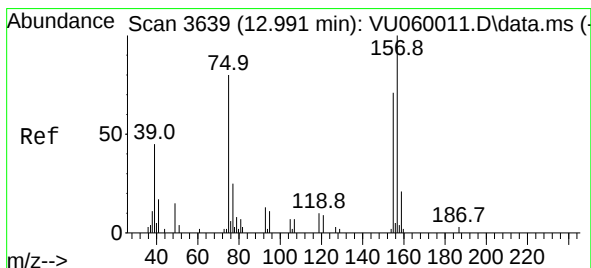
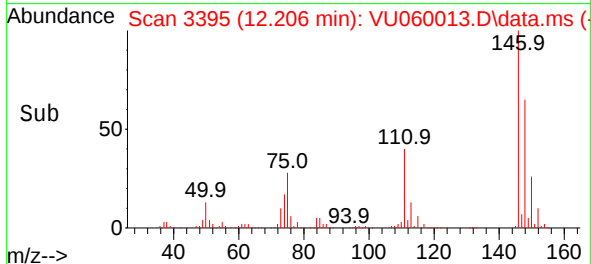
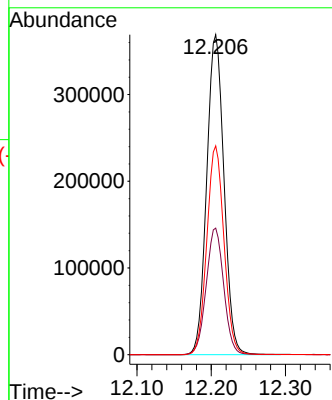
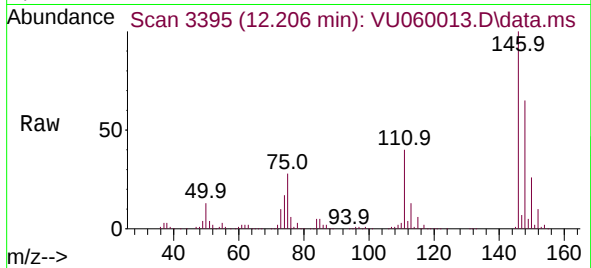
Tgt Ion:146 Resp: 594344

Ion Ratio Lower Upper

146 100

111 39.5 30.9 46.3

148 65.3 49.8 74.8



#68

1,2-Dibromo-3-chloropropane

Concen: 24.781 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU060013.D

Acq: 18 Jul 2024 12:48

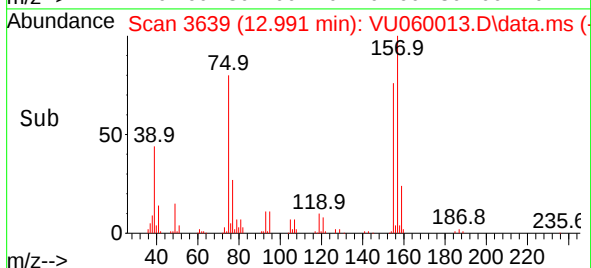
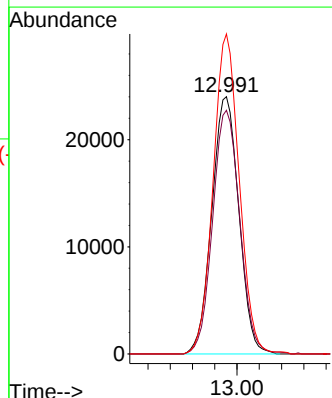
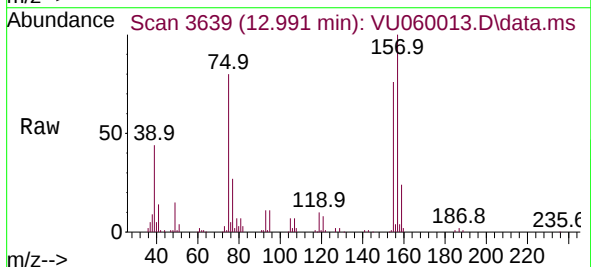
Tgt Ion: 75 Resp: 40444

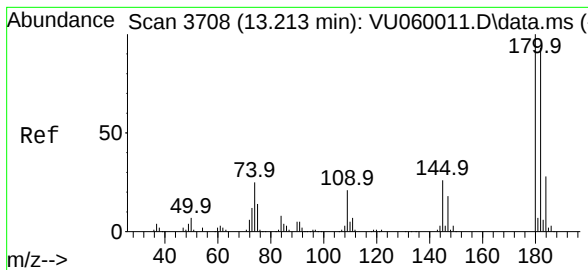
Ion Ratio Lower Upper

75 100

155 94.7 70.6 105.8

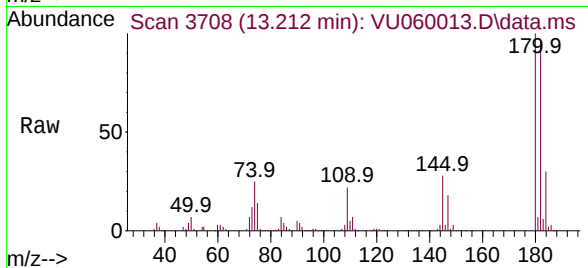
157 124.4 99.4 149.2





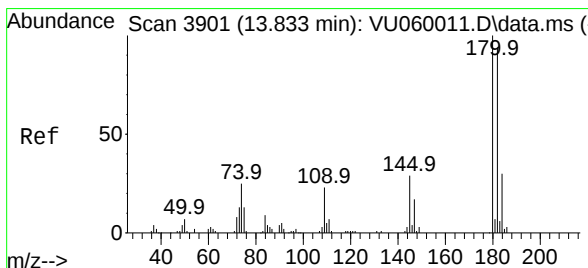
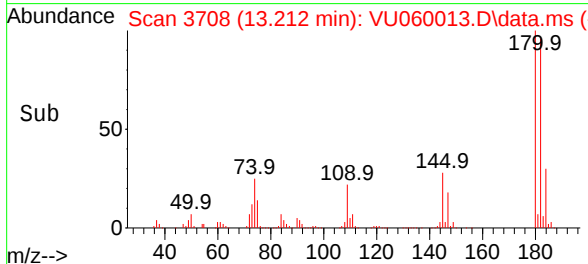
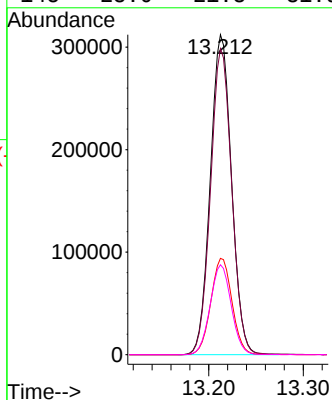
#69
 1,3,5-Trichlorobenzene
 Concen: 22.893 ug/L
 RT: 13.212 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU060013.D
 Acq: 18 Jul 2024 12:48

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:180 Resp: 485496

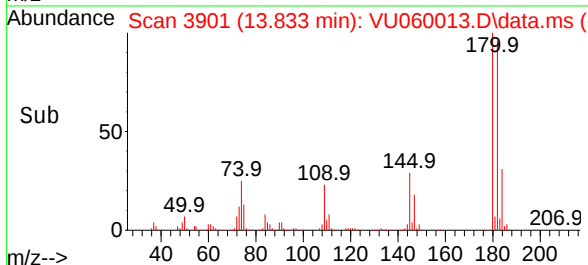
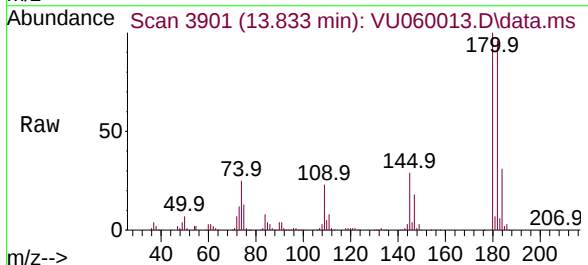
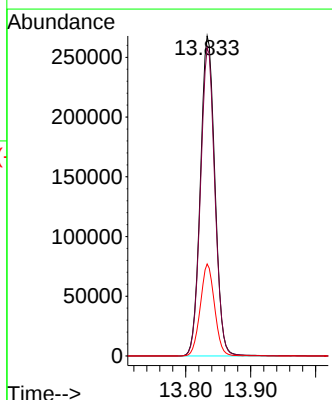
Ion	Ratio	Lower	Upper
180	100		
182	95.5	74.6	111.8
184	30.2	23.1	34.7
145	28.0	21.3	31.9

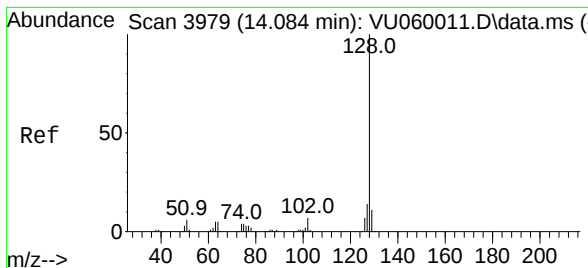


#70
 1,2,4-trichlorobenzene
 Concen: 25.761 ug/L
 RT: 13.833 min Scan# 3901
 Delta R.T. -0.000 min
 Lab File: VU060013.D
 Acq: 18 Jul 2024 12:48

Tgt Ion:180 Resp: 417079

Ion	Ratio	Lower	Upper
180	100		
182	95.6	77.2	115.8
145	28.3	23.0	34.4





#71

Naphthalene

Concen: 30.696 ug/L

RT: 14.080 min Scan# 3979

Delta R.T. -0.004 min

Lab File: VU060013.D

Acq: 18 Jul 2024 12:48

Instrument :

MSVOA_U

ClientSampleId :

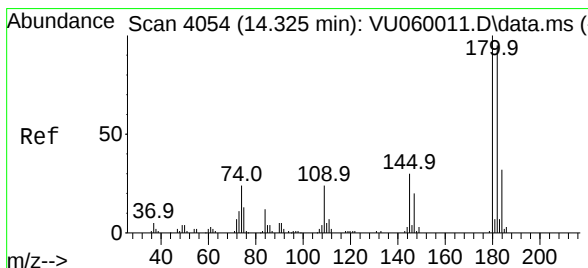
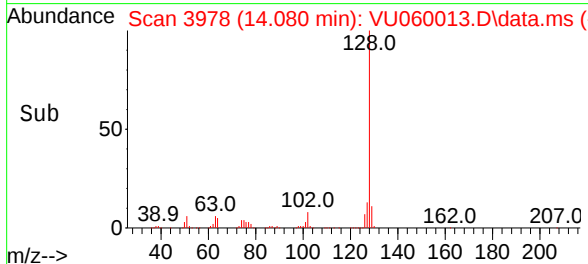
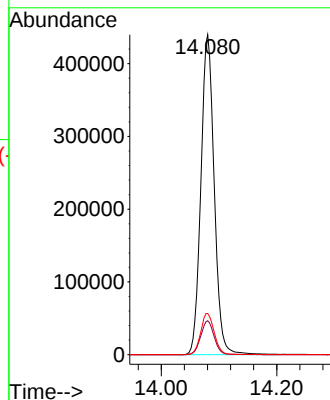
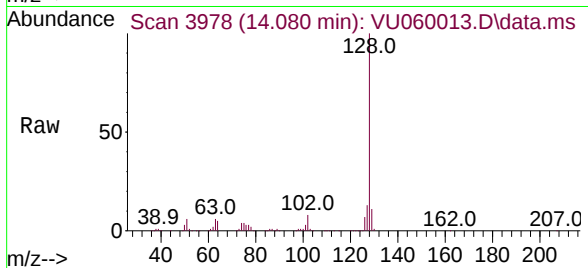
Tgt Ion:128 Resp: 705787

Ion Ratio Lower Upper

128 100

129 10.7 8.2 12.4

127 13.1 10.6 16.0



#72

1,2,3-Trichlorobenzene

Concen: 25.806 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. -0.004 min

Lab File: VU060013.D

Acq: 18 Jul 2024 12:48

Tgt Ion:180 Resp: 387126

Ion Ratio Lower Upper

180 100

182 95.6 76.3 114.5

145 29.9 23.9 35.9

