

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
 Data File : VU060015.D
 Acq On : 18 Jul 2024 13:49
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 19 01:27:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 19 01:18:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	161151	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	159919	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	82045	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	49751	4.437	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.800%
7) Chloroethane-d5	1.907	69	46184	4.434	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	2.560	65	19917	4.550	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.000%
20) 2-Butanone-d5	4.631	46	136634	52.123	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.240%
24) Chloroform-d	5.055	84	107035	4.542	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	5.695	65	51388	4.683	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	5.721	84	206649	4.823	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
36) 1,2-Dichloropropane-d6	6.685	67	65202	4.776	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.600%
41) Toluene-d8	7.891	98	189305	4.890	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
43) trans-1,3-Dichloroprop...	8.174	79	23953	5.154	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.000%
46) 2-Hexanone-d5	8.627	63	113967	55.261	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.520%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	60330	4.965	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	70941	4.790	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	57509	4.719	ug/L	99
3) Chloromethane	1.515	50	68153	4.630	ug/L	99
5) Vinyl chloride	1.599	62	77124	4.674	ug/L	98
6) Bromomethane	1.853	94	49868	4.642	ug/L	99
8) Chloroethane	1.930	64	49300	4.574	ug/L	99
9) Trichlorofluoromethane	2.129	101	100905	4.849	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	63966	4.711	ug/L	99
12) 1,1-Dichloroethene	2.570	96	57925	4.709	ug/L	98
13) Acetone	2.644	43	88525	51.052	ug/L	95
14) Carbon disulfide	2.785	76	161833	4.518	ug/L	99
15) Methyl Acetate	2.956	43	22248	5.217	ug/L	97
16) Methylene chloride	3.036	84	68630	4.551	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	140734	5.017	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	59347	4.638	ug/L	97
19) 1,1-Dichloroethane	3.859	63	115466	4.753	ug/L	98
21) 2-Butanone	4.711	43	144134	52.508	ug/L	98
22) cis-1,2-Dichloroethene	4.657	96	70340	4.908	ug/L	99
23) Bromochloromethane	4.968	128	32619	4.683	ug/L	98
25) Chloroform	5.081	83	119423	4.470	ug/L	100

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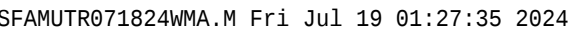
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 ClientSampleId :

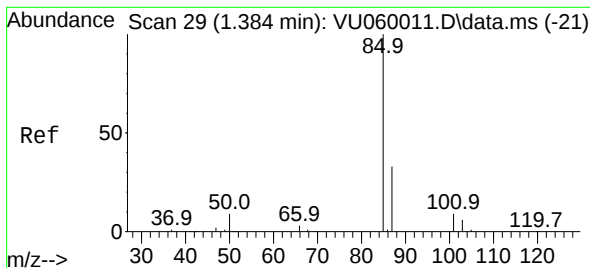
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	71658	4.692	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	97578	4.885	ug/L	100
30) Cyclohexane	5.380	56	85041	5.383	ug/L	96
31) Carbon tetrachloride	5.515	117	81795	4.747	ug/L	96
33) Benzene	5.766	78	264541	5.007	ug/L	100
34) Trichloroethene	6.534	95	68403	4.882	ug/L	94
35) Methylcyclohexane	6.756	83	97343	5.300	ug/L	99
37) 1,2-Dichloropropane	6.785	63	71150	4.985	ug/L	100
38) Bromodichloromethane	7.100	83	86363	4.830	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	95191	5.104	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	350068	55.430	ug/L	97
42) Toluene	7.962	91	287561	5.115	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	78983	5.069	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	55060	5.049	ug/L	98
47) Tetrachloroethene	8.547	164	55670	4.805	ug/L	98
48) 2-Hexanone	8.679	43	268119	57.983	ug/L	98
49) Dibromochloromethane	8.804	129	58777	4.872	ug/L	97
50) 1,2-Dibromoethane	8.920	107	50941	5.166	ug/L	99
51) Chlorobenzene	9.441	112	181087	4.930	ug/L	100
52) Ethylbenzene	9.566	91	287123	5.121	ug/L	99
53) m,p-Xylene	9.689	106	112409	5.190	ug/L	99
54) o-Xylene	10.097	106	109834	5.302	ug/L	100
55) Styrene	10.110	104	183947	5.217	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	67700	5.074	ug/L	96
59) Bromoform	10.287	173	38001	5.096	ug/L	98
60) Isopropylbenzene	10.479	105	285314	5.317	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	45942	5.311	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	220448	5.377	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	219490	5.540	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	145128	5.026	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	143131	4.869	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	138404	5.008	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.991	75	9066	5.378	ug/L	92
69) 1,3,5-Trichlorobenzene	13.216	180	108251	4.967	ug/L	97
70) 1,2,4-trichlorobenzene	13.836	180	87413	5.270	ug/L	99
71) Naphthalene	14.081	128	146391	6.229	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	82790	5.550	ug/L	97

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

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#2

Dichlorodifluoromethane

Concen: 4.719 ug/L

RT: 1.380 min Scan# 29

Delta R.T. -0.003 min

Lab File: VU060015.D

Acq: 18 Jul 2024 13:49

Instrument :

MSVOA_U

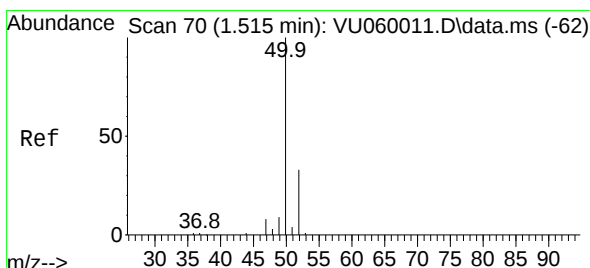
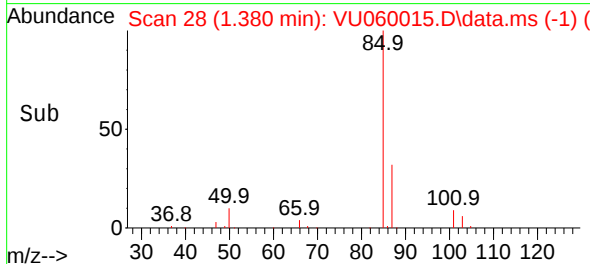
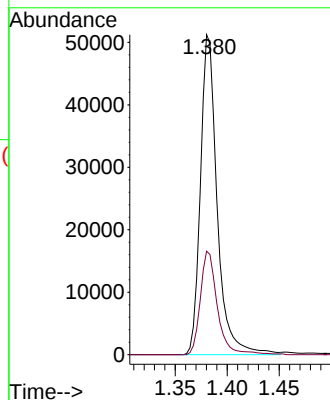
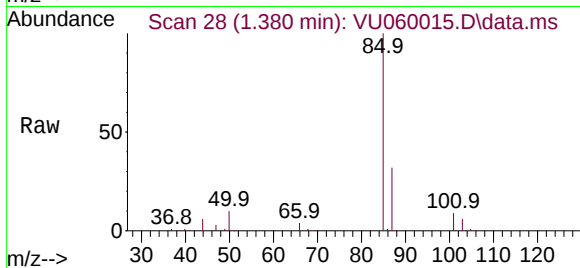
ClientSampleId :

Tgt Ion: 85 Resp: 57509

Ion Ratio Lower Upper

85 100

87 32.9 26.1 39.1



#3

Chloromethane

Concen: 4.630 ug/L

RT: 1.515 min Scan# 70

Delta R.T. -0.000 min

Lab File: VU060015.D

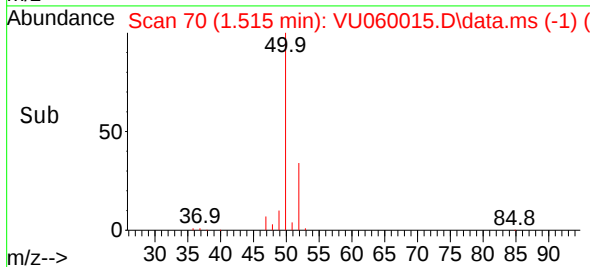
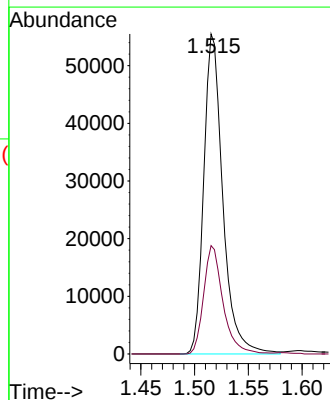
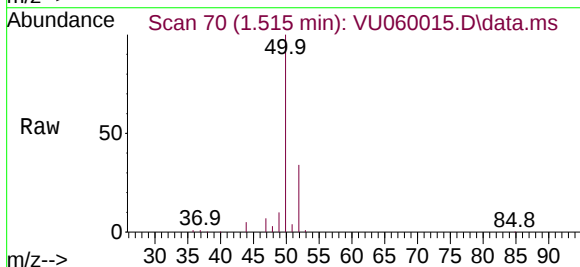
Acq: 18 Jul 2024 13:49

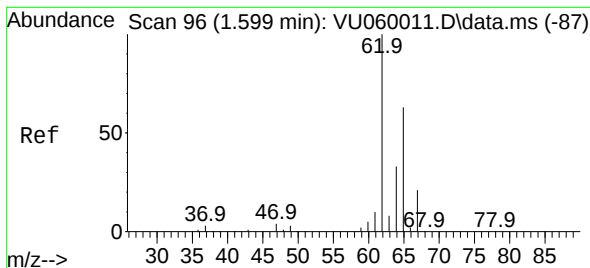
Tgt Ion: 50 Resp: 68153

Ion Ratio Lower Upper

50 100

52 33.8 23.4 43.4





#5

Vinyl chloride

Concen: 4.674 ug/L

RT: 1.599 min Scan# 96

Delta R.T. -0.000 min

Lab File: VU060015.D

Acq: 18 Jul 2024 13:49

Instrument :

MSVOA_U

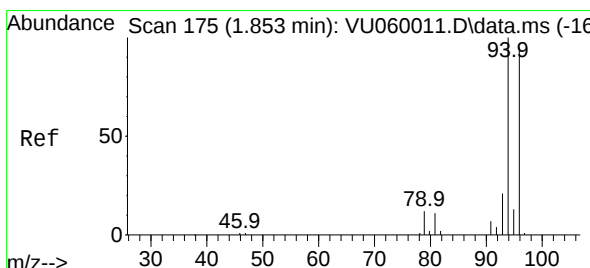
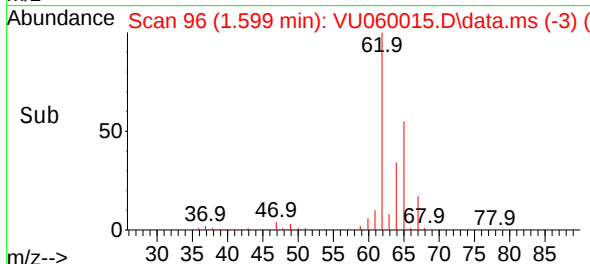
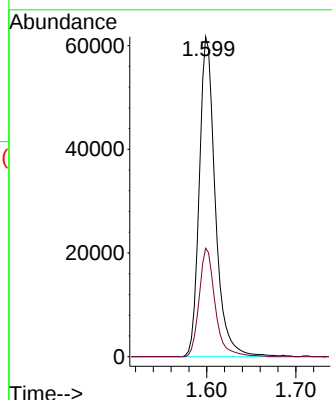
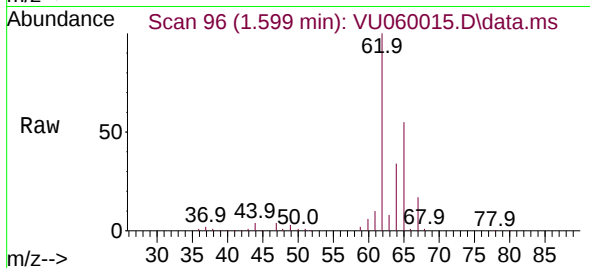
ClientSampleId :

Tgt Ion: 62 Resp: 77124

Ion Ratio Lower Upper

62 100

64 33.9 22.8 42.4



#6

Bromomethane

Concen: 4.642 ug/L

RT: 1.853 min Scan# 175

Delta R.T. -0.000 min

Lab File: VU060015.D

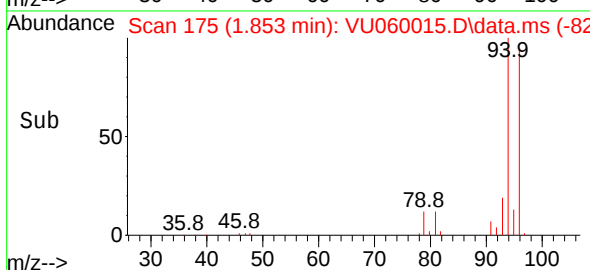
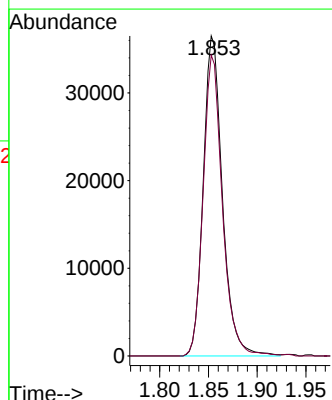
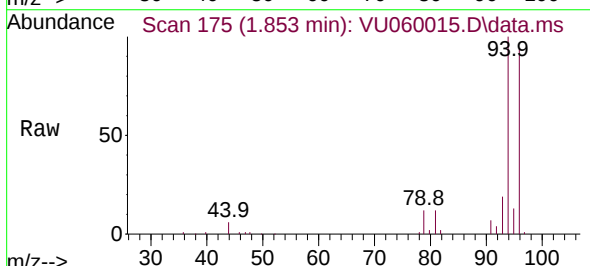
Acq: 18 Jul 2024 13:49

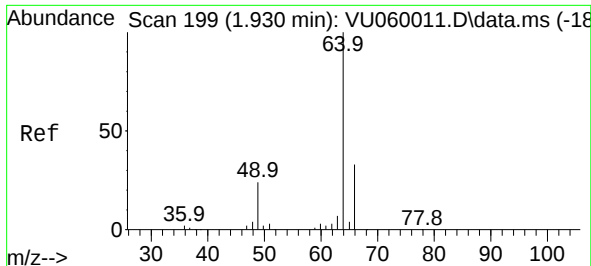
Tgt Ion: 94 Resp: 49868

Ion Ratio Lower Upper

94 100

96 94.0 66.6 123.6

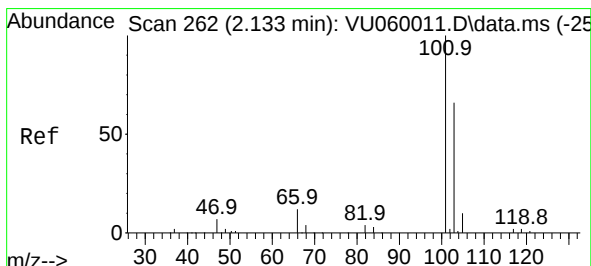
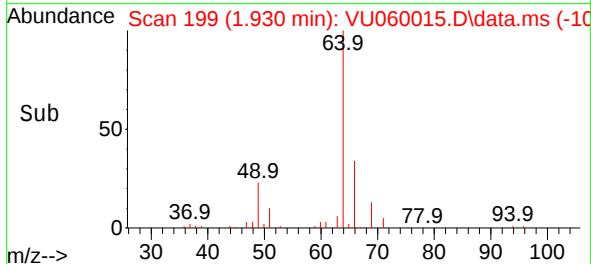
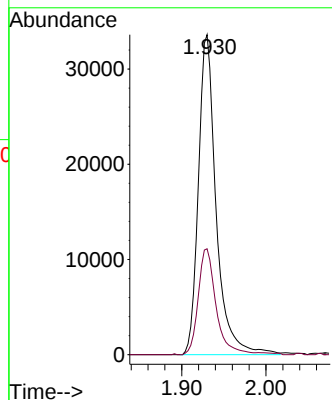
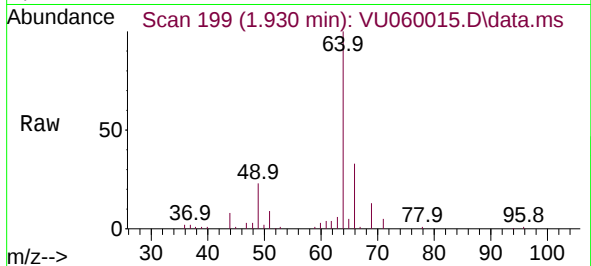




#8
Chloroethane
Concen: 4.574 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU060015.D
Acq: 18 Jul 2024 13:49

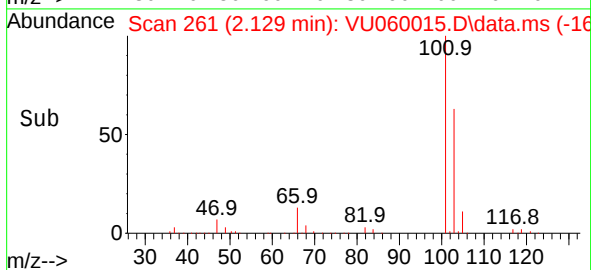
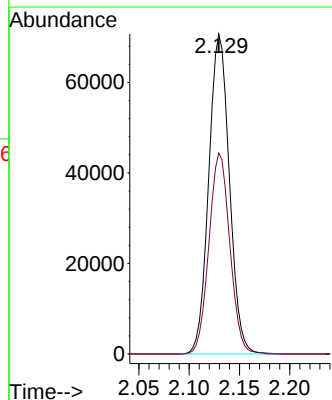
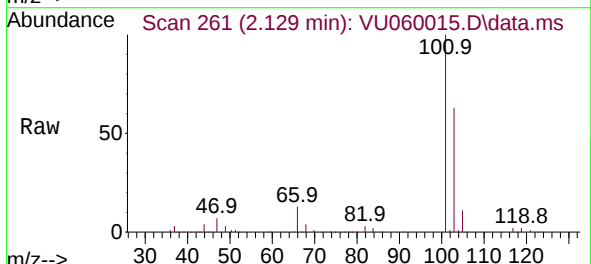
Instrument :
MSVOA_U
ClientSampleId :

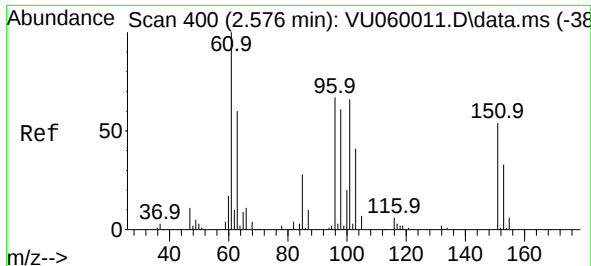
Tgt Ion: 64 Resp: 49300
Ion Ratio Lower Upper
64 100
66 33.1 22.8 42.4



#9
Trichlorofluoromethane
Concen: 4.849 ug/L
RT: 2.129 min Scan# 261
Delta R.T. -0.003 min
Lab File: VU060015.D
Acq: 18 Jul 2024 13:49

Tgt Ion:101 Resp: 100905
Ion Ratio Lower Upper
101 100
103 63.6 51.4 77.2

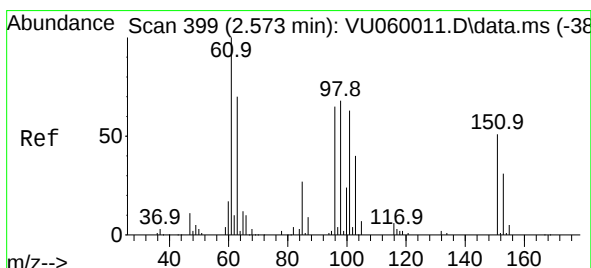
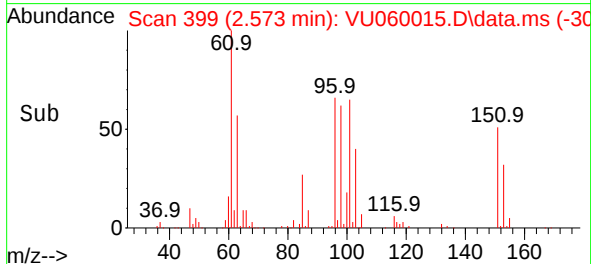
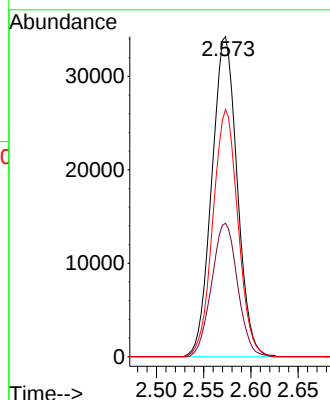
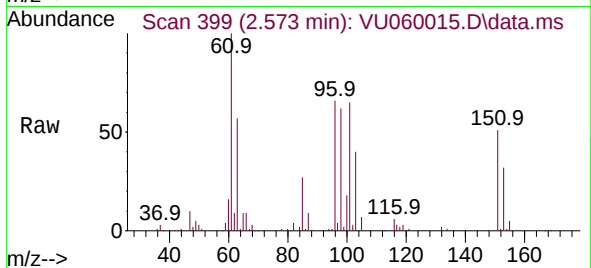




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.711 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU060015.D
Acq: 18 Jul 2024 13:49

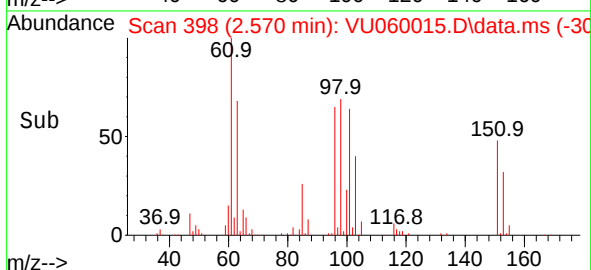
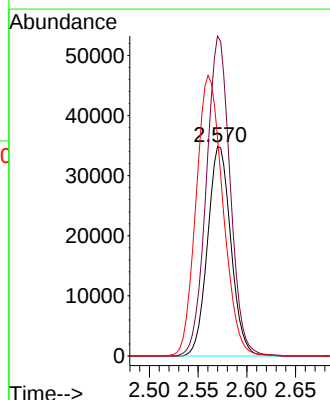
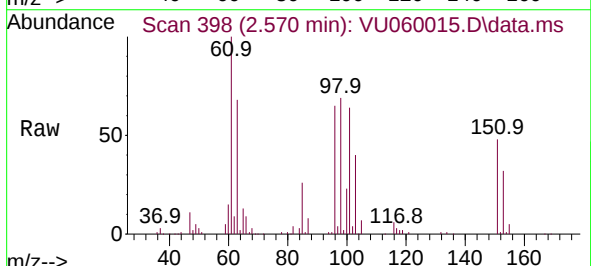
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MSVOA_U
ClientSampleId :

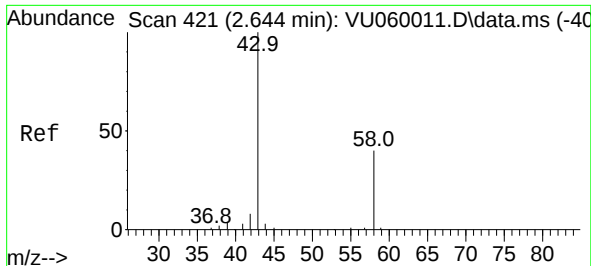
Tgt Ion:101 Resp: 63966
Ion Ratio Lower Upper
101 100
85 42.5 33.2 49.8
151 76.3 61.8 92.8



#12
1,1-Dichloroethene
Concen: 4.709 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.003 min
Lab File: VU060015.D
Acq: 18 Jul 2024 13:49

Tgt Ion: 96 Resp: 57925
Ion Ratio Lower Upper
96 100
61 152.8 107.0 198.6
63 104.6 76.4 142.0





#13

Acetone

Concen: 51.052 ug/L

RT: 2.644 min Scan# 41

Delta R.T. -0.000 min

Lab File: VU060015.D

Acq: 18 Jul 2024 13:49

Instrument :

MSVOA_U

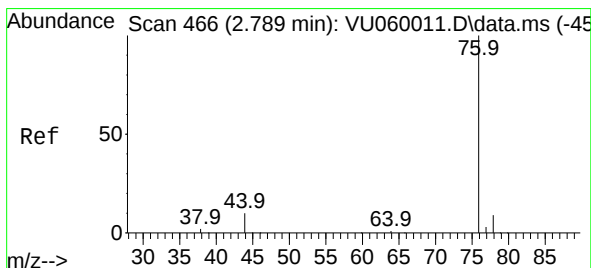
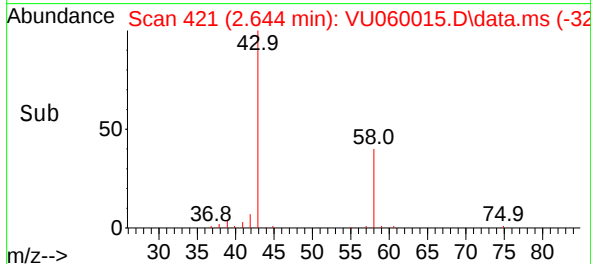
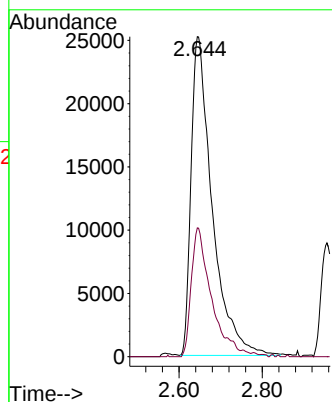
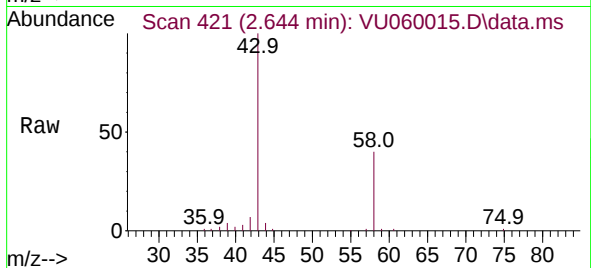
ClientSampleId :

Tgt Ion: 43 Resp: 88525

Ion Ratio Lower Upper

43 100

58 37.8 0.0 82.2



#14

Carbon disulfide

Concen: 4.518 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU060015.D

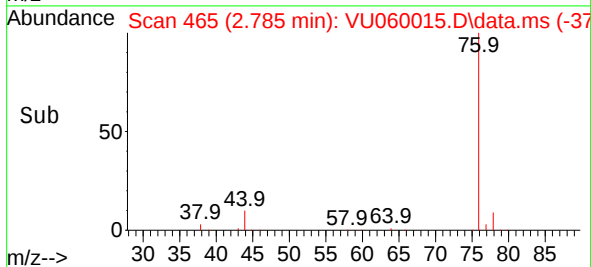
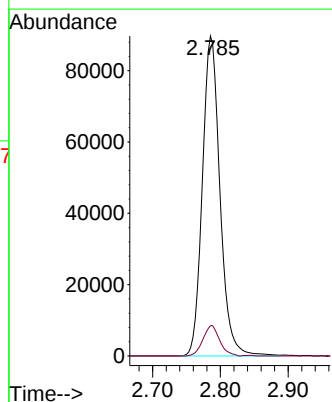
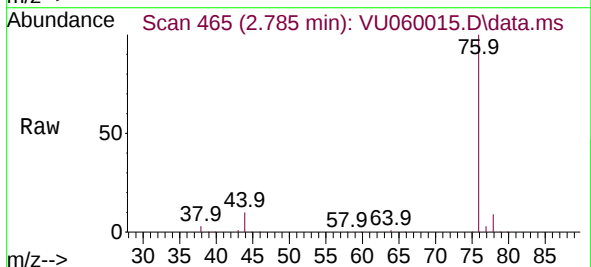
Acq: 18 Jul 2024 13:49

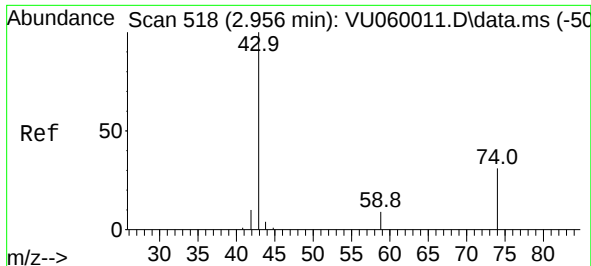
Tgt Ion: 76 Resp: 161833

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.0





#15

Methyl Acetate

Concen: 5.217 ug/L

RT: 2.956 min Scan# 518

Delta R.T. -0.000 min

Lab File: VU060015.D

Acq: 18 Jul 2024 13:49

Instrument :

MSVOA_U

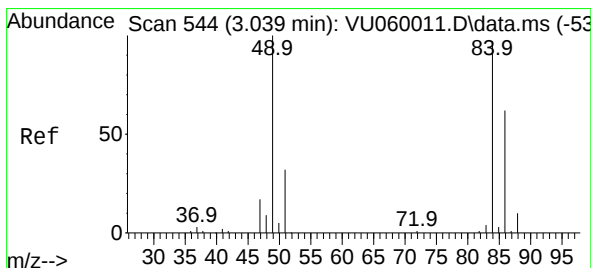
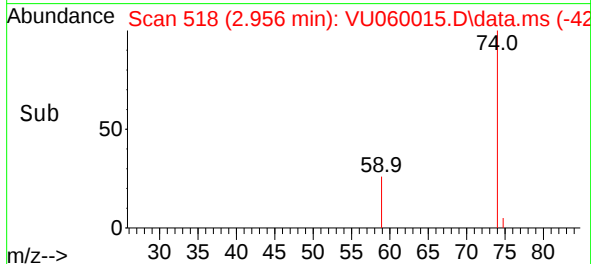
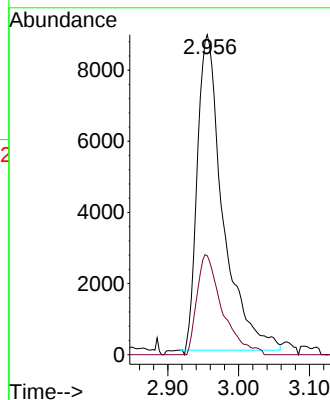
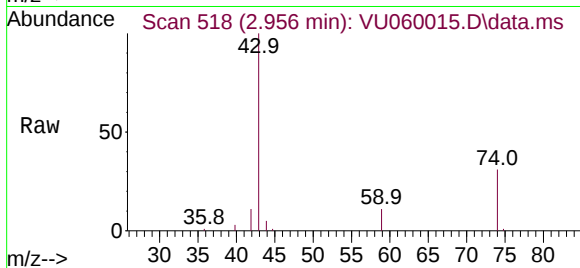
ClientSampleId :

Tgt Ion: 43 Resp: 22248

Ion Ratio Lower Upper

43 100

74 31.3 23.5 35.3



#16

Methylene chloride

Concen: 4.551 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.003 min

Lab File: VU060015.D

Acq: 18 Jul 2024 13:49

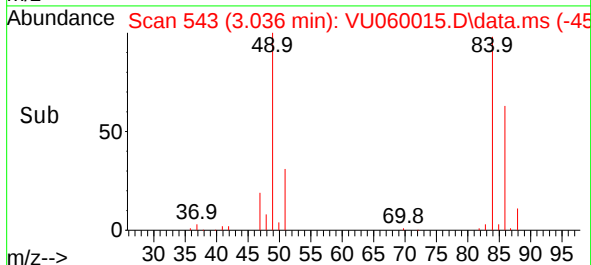
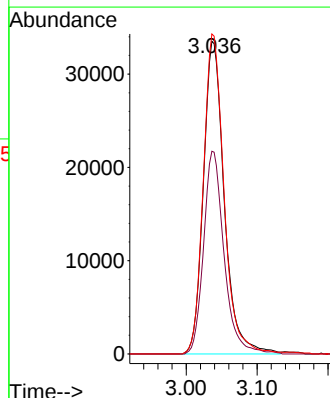
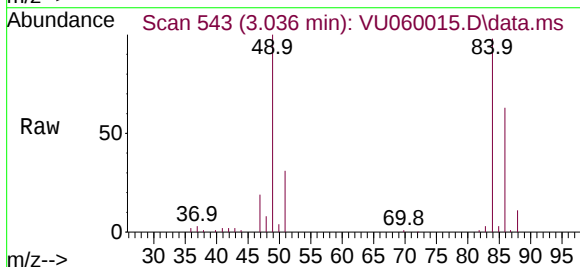
Tgt Ion: 84 Resp: 68630

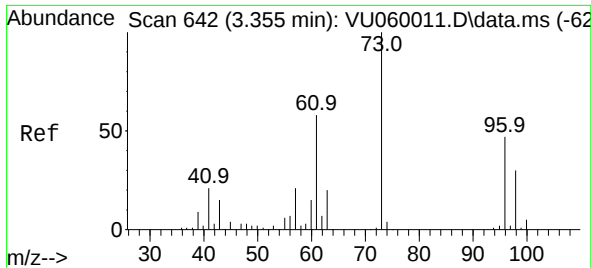
Ion Ratio Lower Upper

84 100

86 64.8 44.4 82.5

49 102.4 72.0 133.6

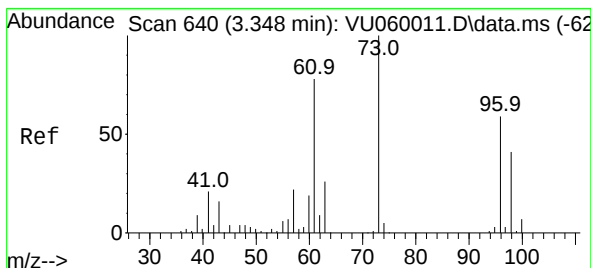
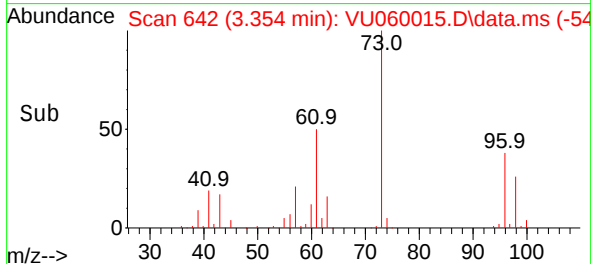
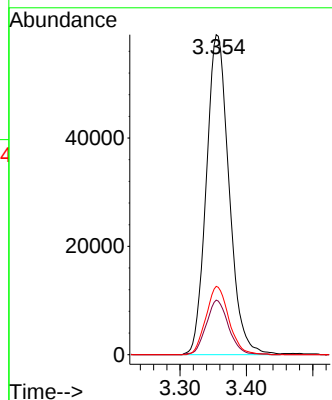
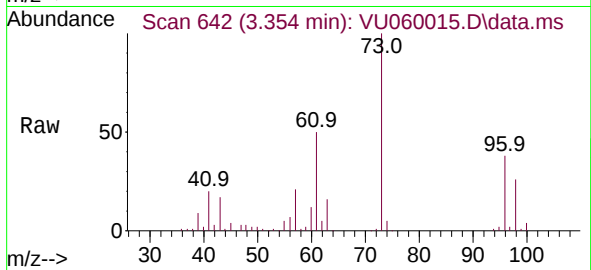




#17
Methyl tert-butyl Ether
Concen: 5.017 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU060015.D
Acq: 18 Jul 2024 13:49

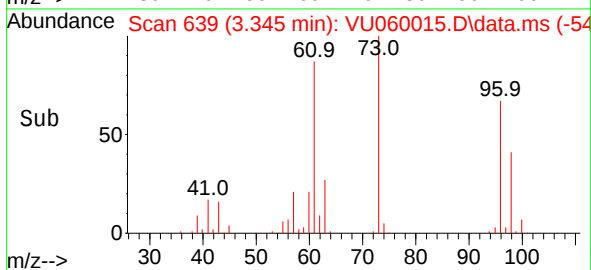
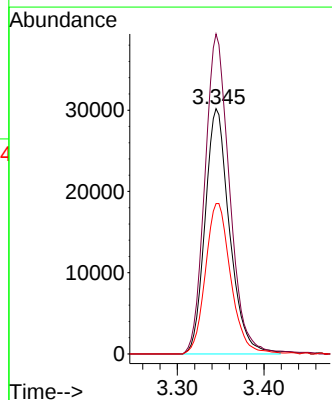
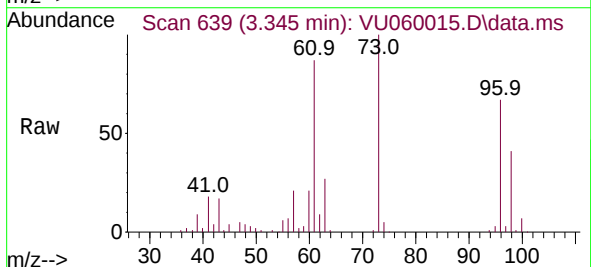
Instrument :
MSVOA_U
ClientSampleId :

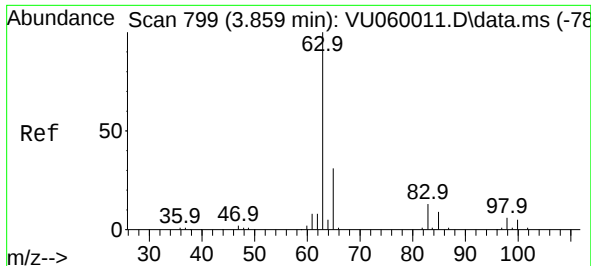
Tgt Ion: 73 Resp: 140734
Ion Ratio Lower Upper
73 100
43 16.8 13.1 19.7
57 21.4 17.0 25.4



#18
trans-1,2-Dichloroethene
Concen: 4.638 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU060015.D
Acq: 18 Jul 2024 13:49

Tgt Ion: 96 Resp: 59347
Ion Ratio Lower Upper
96 100
61 130.5 91.6 170.0
98 61.3 47.7 88.5

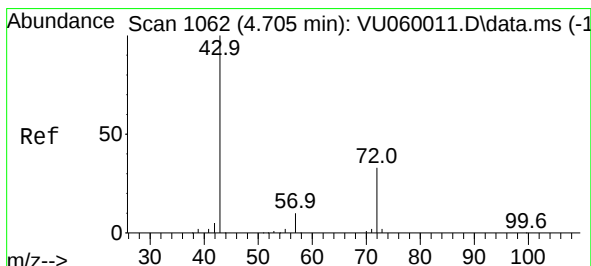
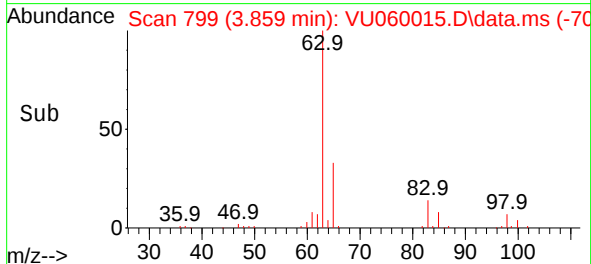
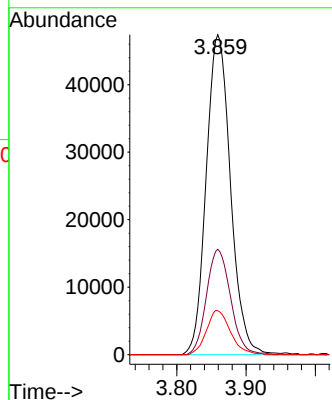
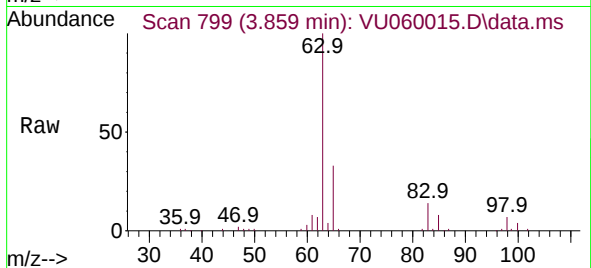




#19
1,1-Dichloroethane
Concen: 4.753 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU060015.D
Acq: 18 Jul 2024 13:49

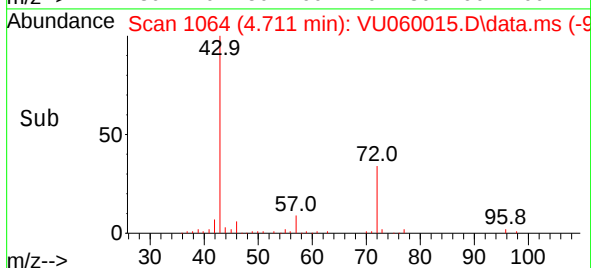
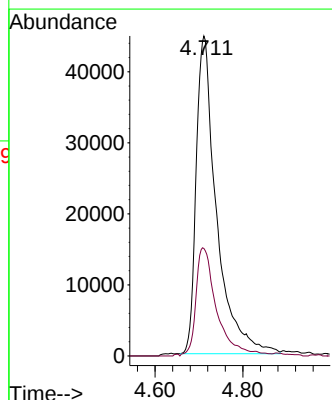
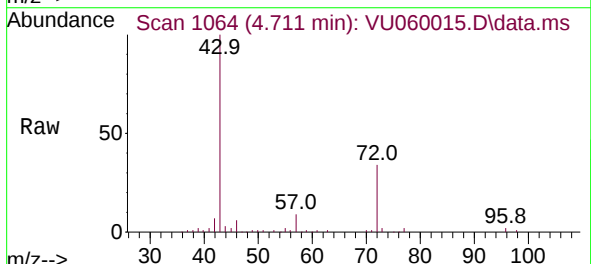
Instrument :
MSVOA_U
ClientSampleId :

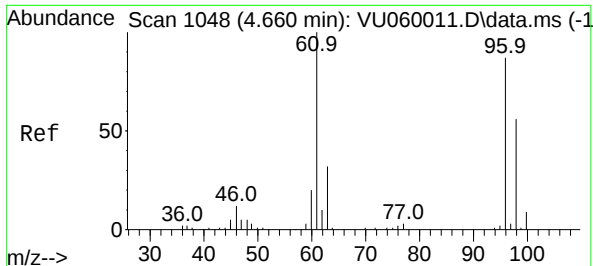
Tgt Ion: 63 Resp: 115466
Ion Ratio Lower Upper
63 100
65 33.0 22.0 40.8
83 13.7 9.7 17.9



#21
2-Butanone
Concen: 52.508 ug/L
RT: 4.711 min Scan# 1064
Delta R.T. 0.006 min
Lab File: VU060015.D
Acq: 18 Jul 2024 13:49

Tgt Ion: 43 Resp: 144134
Ion Ratio Lower Upper
43 100
72 33.9 16.3 48.9





#22

cis-1,2-Dichloroethene

Concen: 4.908 ug/L

RT: 4.657 min Scan# 1047

Delta R.T. -0.003 min

Lab File: VU060015.D

Acq: 18 Jul 2024 13:49

Instrument :

MSVOA_U

ClientSampleId :

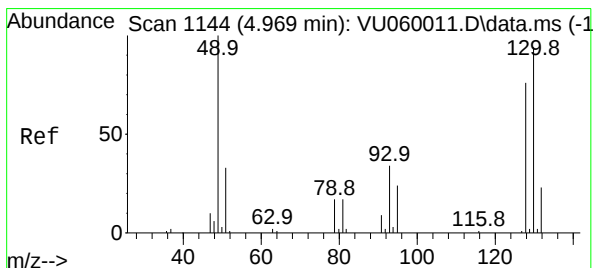
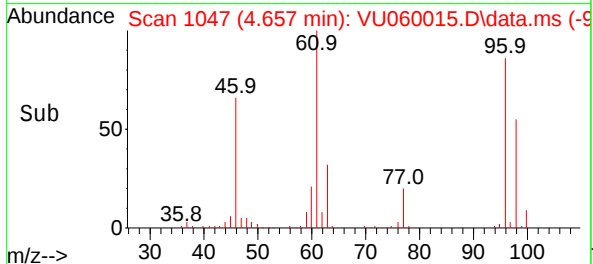
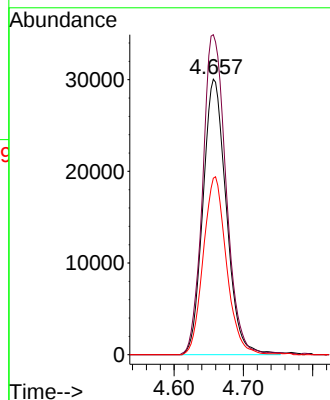
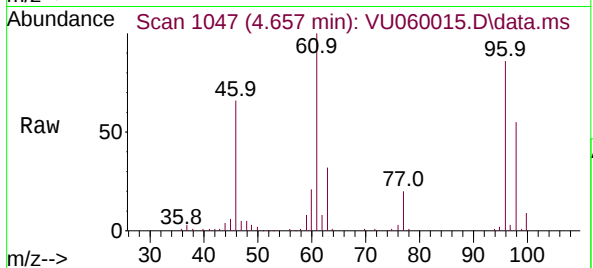
Tgt Ion: 96 Resp: 70340

Ion Ratio Lower Upper

96 100

61 116.2 80.2 148.9

98 64.0 44.7 83.1



#23

Bromochloromethane

Concen: 4.683 ug/L

RT: 4.968 min Scan# 1144

Delta R.T. -0.000 min

Lab File: VU060015.D

Acq: 18 Jul 2024 13:49

Tgt Ion:128 Resp: 32619

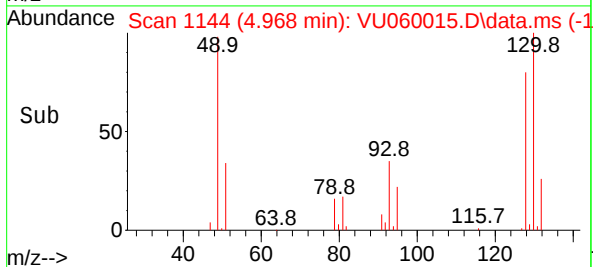
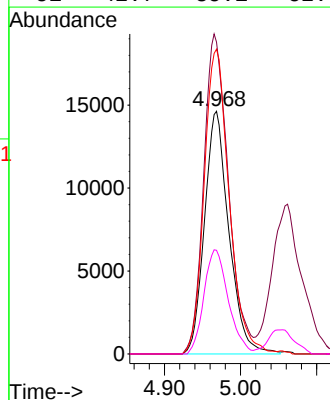
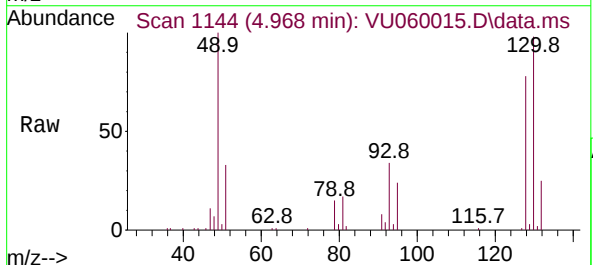
Ion Ratio Lower Upper

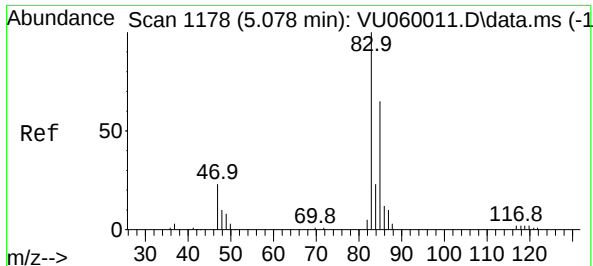
128 100

49 128.5 92.3 171.3

130 125.6 87.1 161.7

51 42.7 35.1 52.7





#25

Chloroform

Concen: 4.470 ug/L

RT: 5.081 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VU060015.D

Acq: 18 Jul 2024 13:49

Instrument :

MSVOA_U

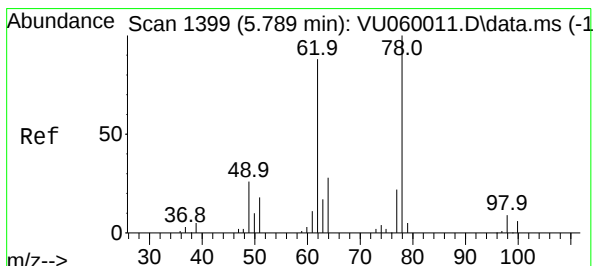
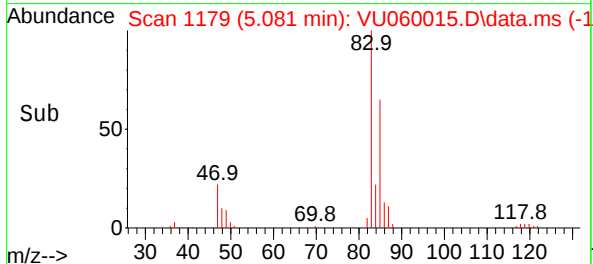
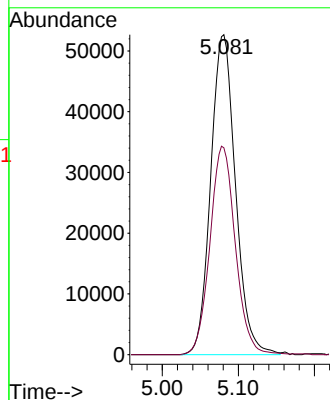
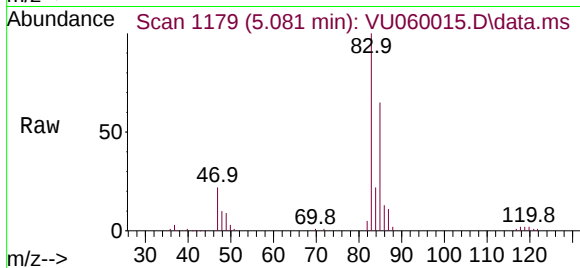
ClientSampleId :

Tgt Ion: 83 Resp: 119423

Ion Ratio Lower Upper

83 100

85 64.6 45.4 84.2



#27

1,2-Dichloroethane

Concen: 4.692 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.003 min

Lab File: VU060015.D

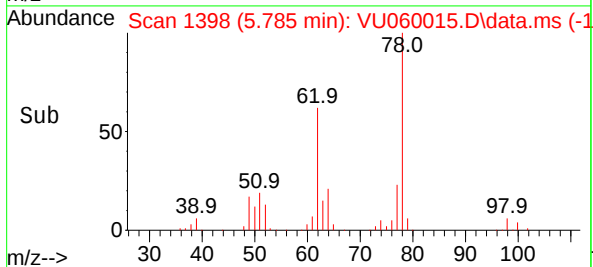
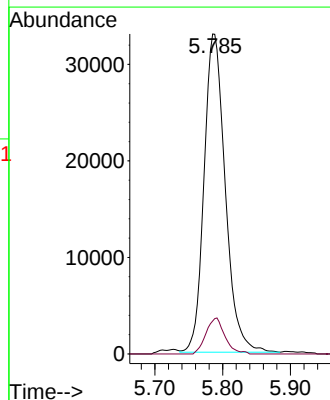
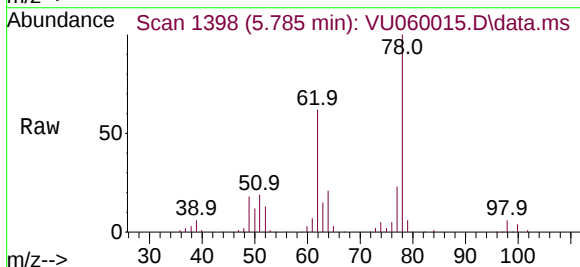
Acq: 18 Jul 2024 13:49

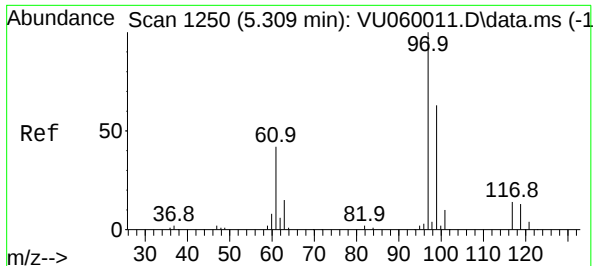
Tgt Ion: 62 Resp: 71658

Ion Ratio Lower Upper

62 100

98 10.3 7.9 11.9

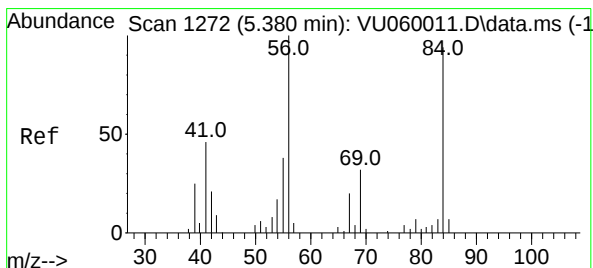
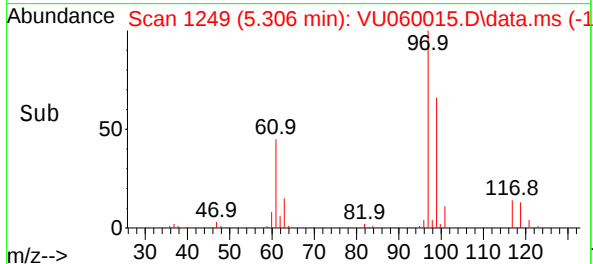
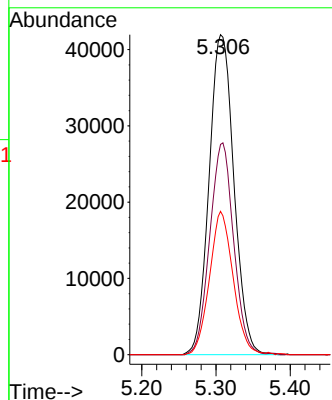
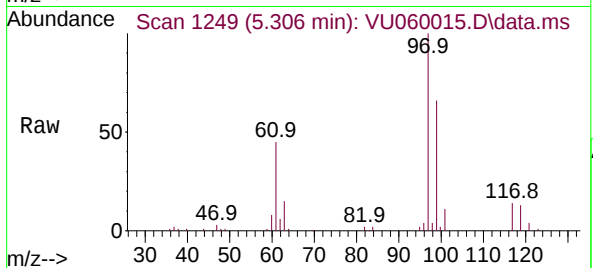




#29
1,1,1-Trichloroethane
Concen: 4.885 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.003 min
Lab File: VU060015.D
Acq: 18 Jul 2024 13:49

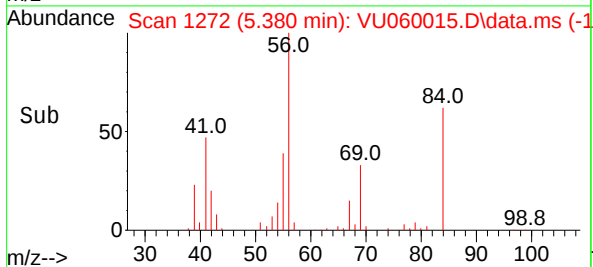
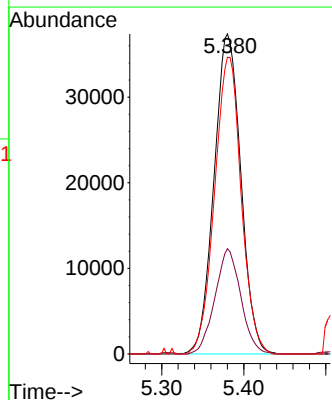
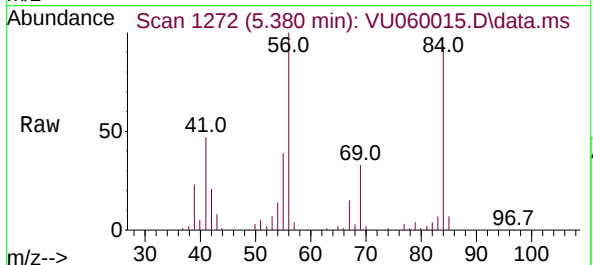
Instrument :
MSVOA_U
ClientSampleId :

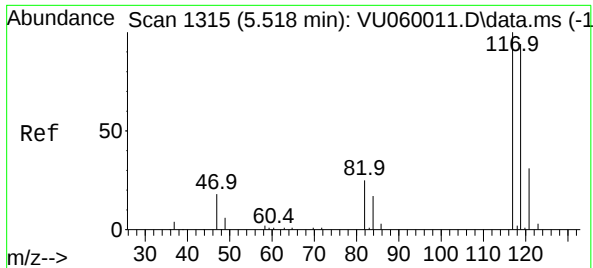
Tgt Ion: 97 Resp: 97578
Ion Ratio Lower Upper
97 100
99 63.7 51.0 76.4
61 42.6 34.1 51.1



#30
Cyclohexane
Concen: 5.383 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU060015.D
Acq: 18 Jul 2024 13:49

Tgt Ion: 56 Resp: 85041
Ion Ratio Lower Upper
56 100
69 31.7 26.6 39.8
84 92.0 77.2 115.8

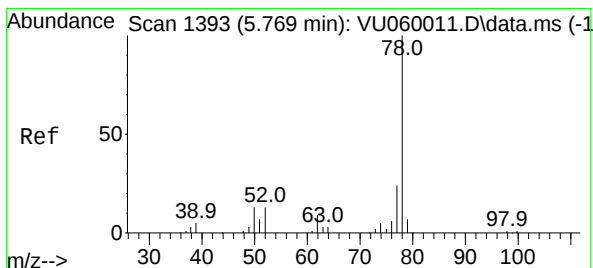
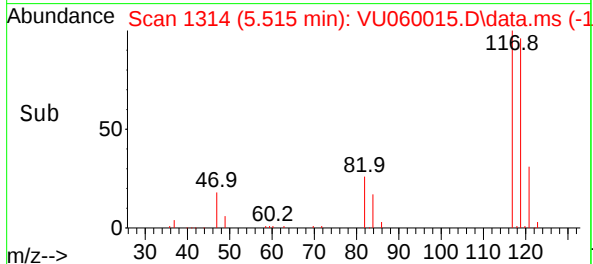
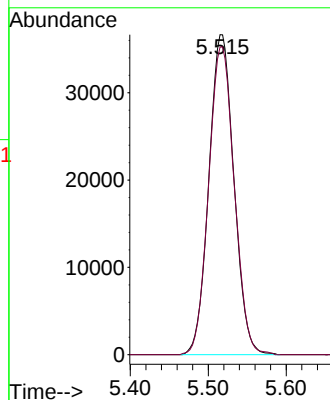
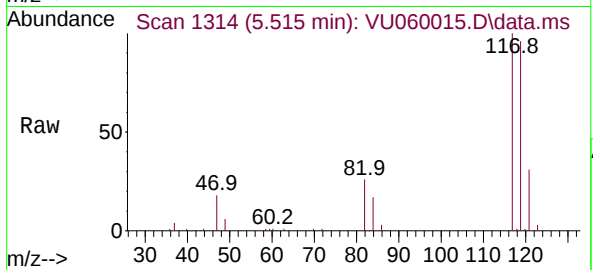




#31
Carbon tetrachloride
Concen: 4.747 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.003 min
Lab File: VU060015.D
Acq: 18 Jul 2024 13:49

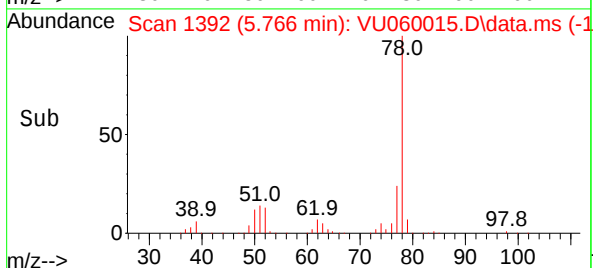
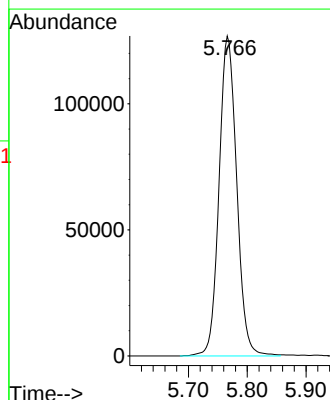
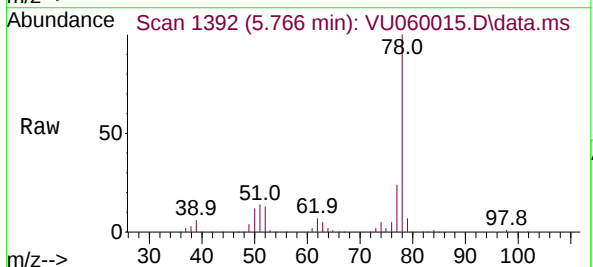
Instrument :
MSVOA_U
ClientSampleId :

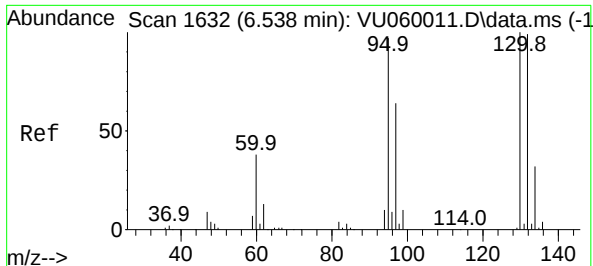
Tgt Ion:117 Resp: 81795
Ion Ratio Lower Upper
117 100
119 98.3 75.6 113.4



#33
Benzene
Concen: 5.007 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.003 min
Lab File: VU060015.D
Acq: 18 Jul 2024 13:49

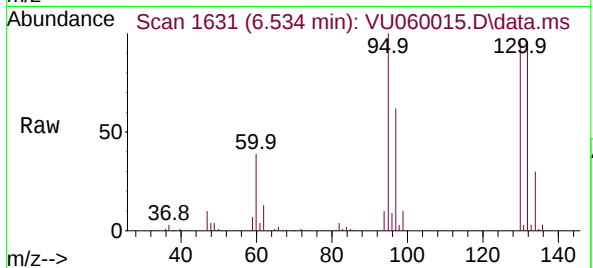
Tgt Ion: 78 Resp: 264541



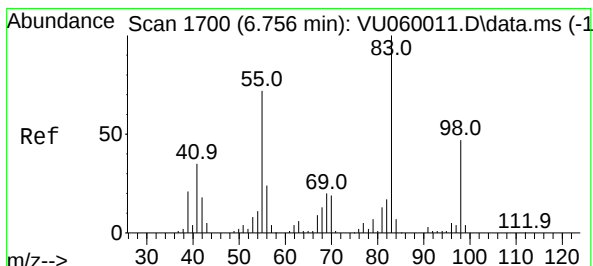
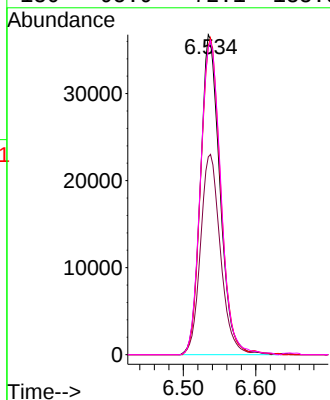
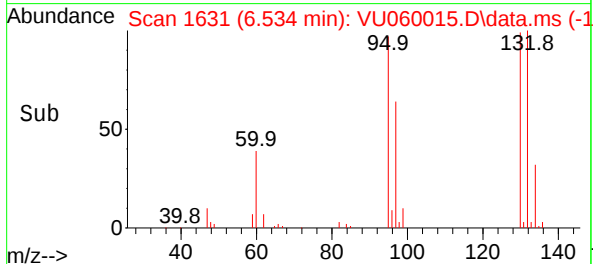


#34
Trichloroethene
Concen: 4.882 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU060015.D
Acq: 18 Jul 2024 13:49

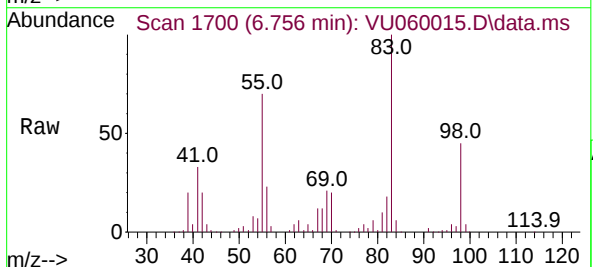
Instrument :
MSVOA_U
ClientSampleId :



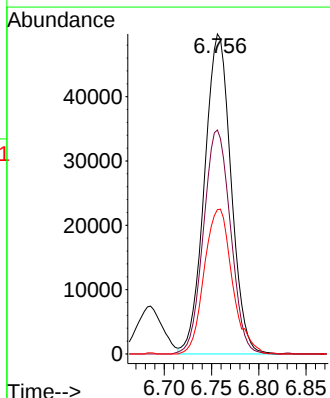
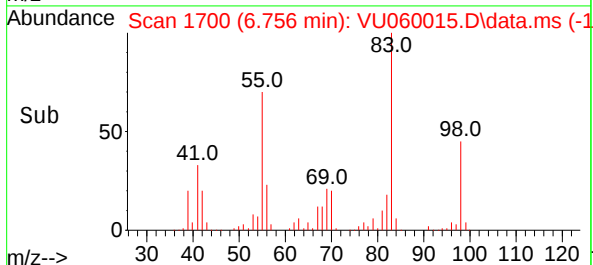
Tgt Ion: 95 Resp: 68403
Ion Ratio Lower Upper
95 100
97 61.8 45.9 85.3
132 96.4 71.4 132.6
130 95.9 72.1 133.9

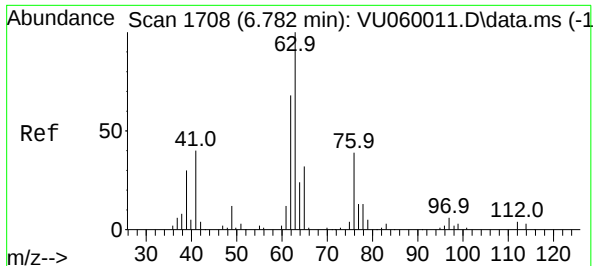


#35
Methylcyclohexane
Concen: 5.300 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU060015.D
Acq: 18 Jul 2024 13:49



Tgt Ion: 83 Resp: 97343
Ion Ratio Lower Upper
83 100
55 71.2 56.7 85.1
98 47.6 36.6 55.0

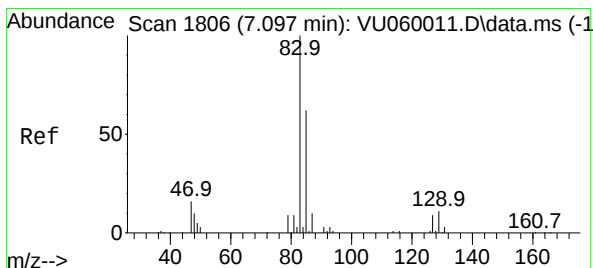
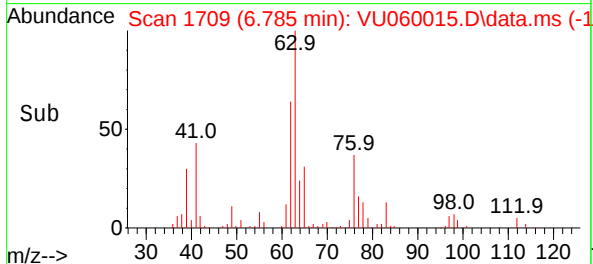
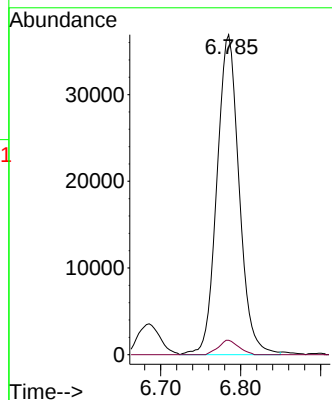
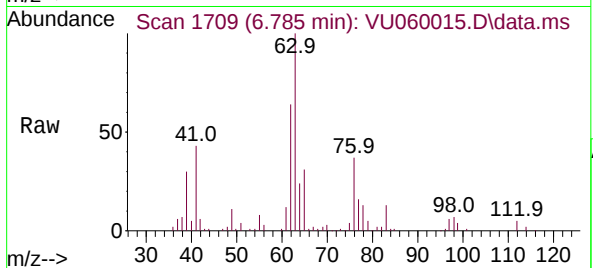




#37
1,2-Dichloropropane
Concen: 4.985 ug/L
RT: 6.785 min Scan# 1709
Delta R.T. 0.003 min
Lab File: VU060015.D
Acq: 18 Jul 2024 13:49

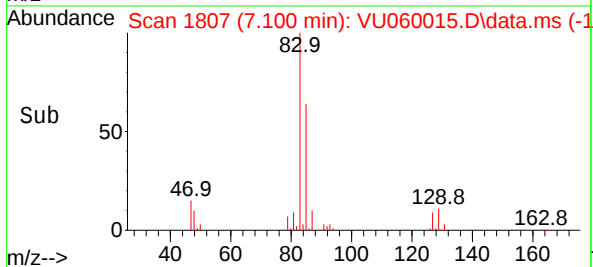
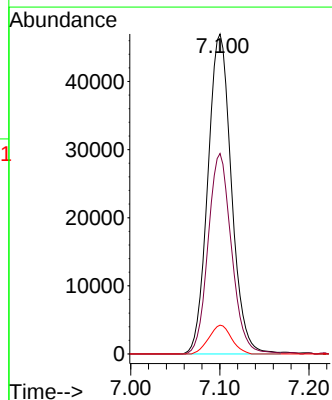
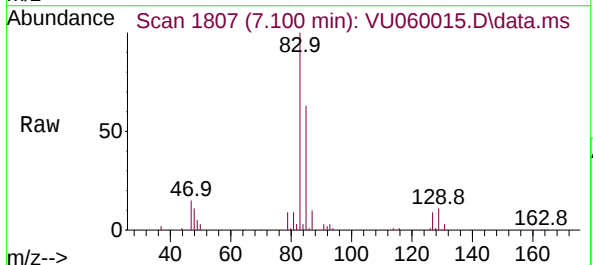
Instrument :
MSVOA_U
ClientSampleId :

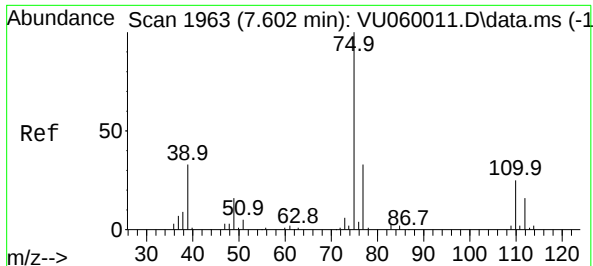
Tgt Ion: 63 Resp: 71150
Ion Ratio Lower Upper
63 100
112 4.1 3.3 4.9



#38
Bromodichloromethane
Concen: 4.830 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VU060015.D
Acq: 18 Jul 2024 13:49

Tgt Ion: 83 Resp: 86363
Ion Ratio Lower Upper
83 100
85 62.7 43.5 80.7
127 9.0 7.1 10.7

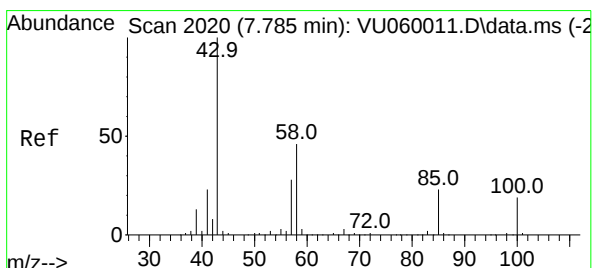
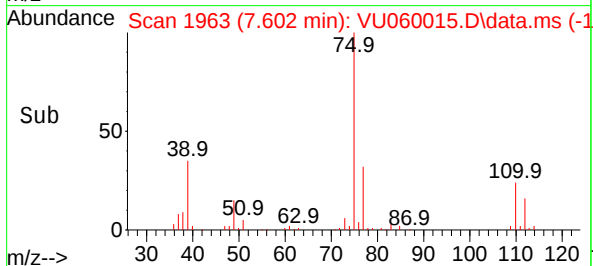
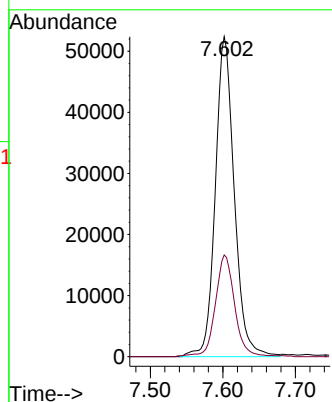
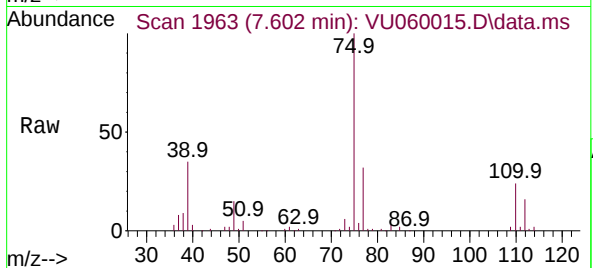




#39
 cis-1,3-Dichloropropene
 Concen: 5.104 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU060015.D
 Acq: 18 Jul 2024 13:49

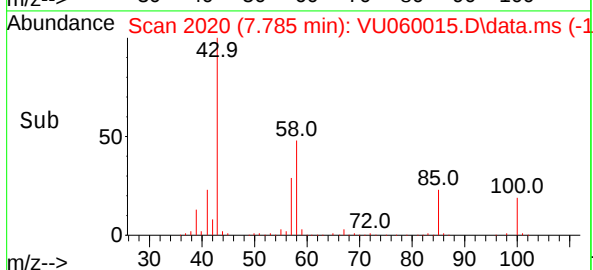
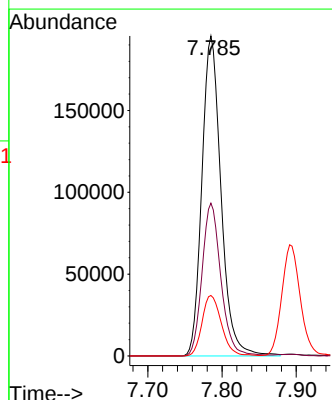
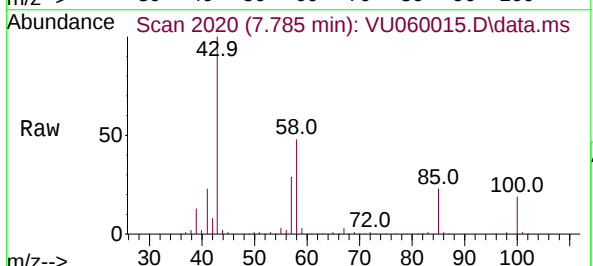
Instrument :
 MSVOA_U
 ClientSampleId :

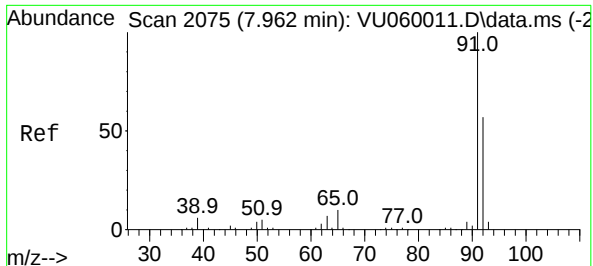
Tgt Ion: 75 Resp: 95191
 Ion Ratio Lower Upper
 75 100
 77 31.8 23.2 43.2



#40
 4-Methyl-2-pentanone
 Concen: 55.430 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. -0.000 min
 Lab File: VU060015.D
 Acq: 18 Jul 2024 13:49

Tgt Ion: 43 Resp: 350068
 Ion Ratio Lower Upper
 43 100
 58 47.1 36.0 54.0
 100 19.2 14.9 22.3





#42

Toluene

Concen: 5.115 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU060015.D

Acq: 18 Jul 2024 13:49

Instrument :

MSVOA_U

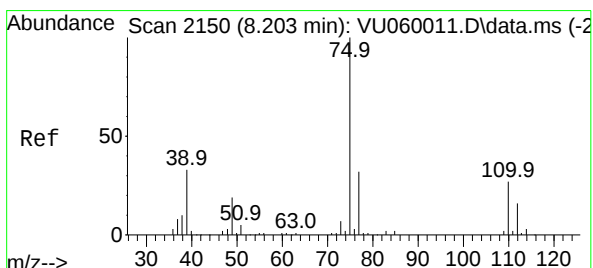
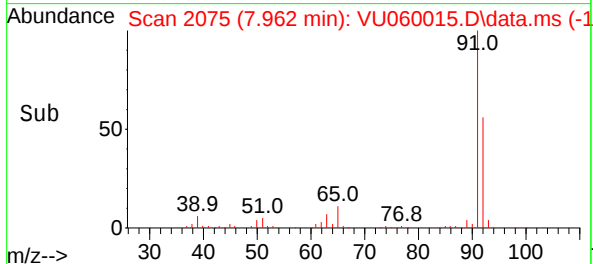
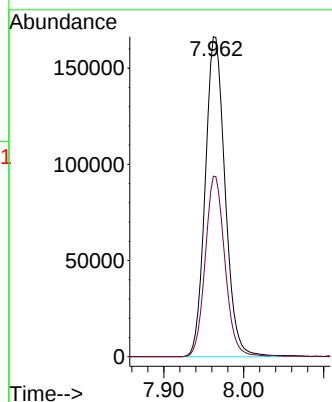
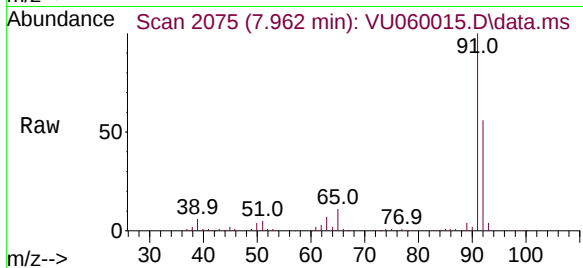
ClientSampleId :

Tgt Ion: 91 Resp: 287561

Ion Ratio Lower Upper

91 100

92 56.4 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 5.069 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.003 min

Lab File: VU060015.D

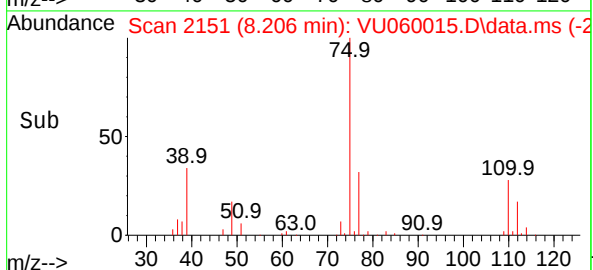
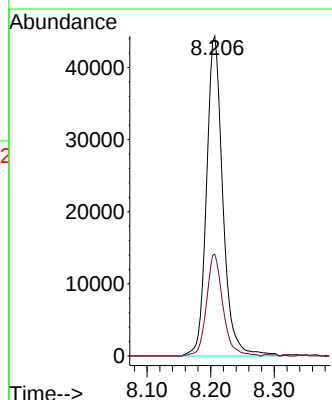
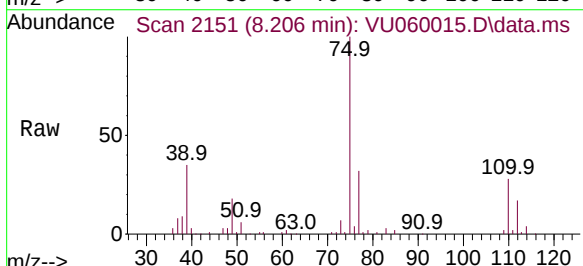
Acq: 18 Jul 2024 13:49

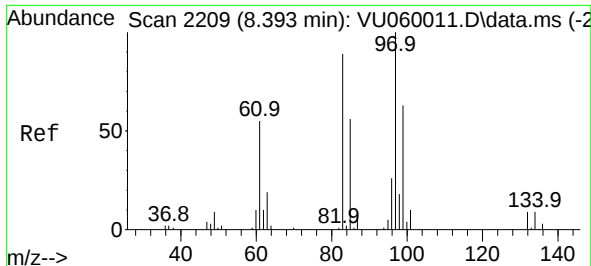
Tgt Ion: 75 Resp: 78983

Ion Ratio Lower Upper

75 100

77 31.8 22.6 42.0





#45

1,1,2-Trichloroethane

Concen: 5.049 ug/L

RT: 8.393 min Scan# 2209

Delta R.T. -0.000 min

Lab File: VU060015.D

Acq: 18 Jul 2024 13:49

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 55060

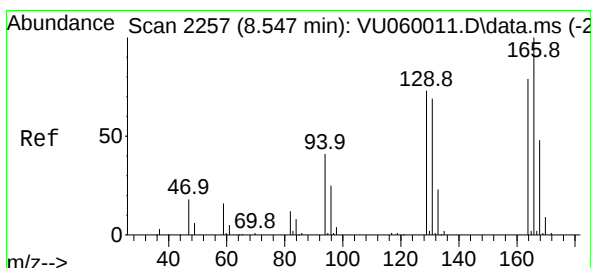
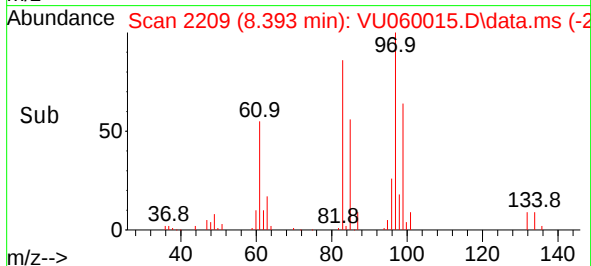
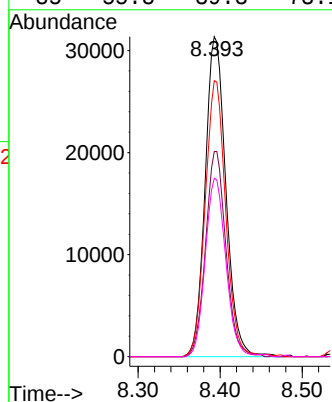
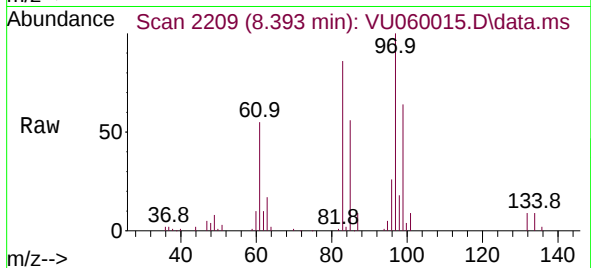
Ion Ratio Lower Upper

97 100

99 64.1 43.8 81.4

83 86.3 62.1 115.3

85 55.8 39.3 73.1



#47

Tetrachloroethene

Concen: 4.805 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

Lab File: VU060015.D

Acq: 18 Jul 2024 13:49

Tgt Ion:164 Resp: 55670

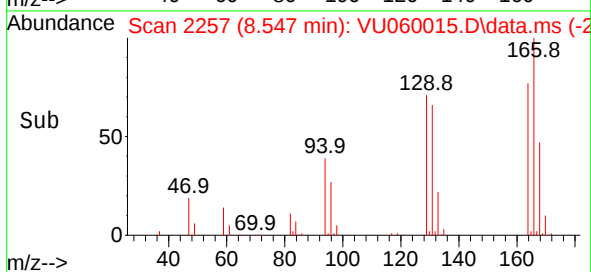
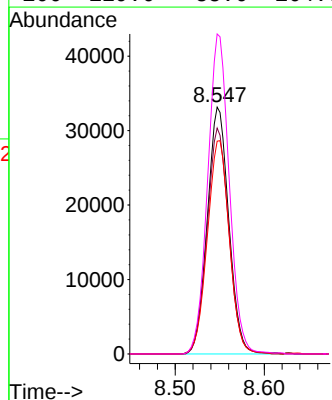
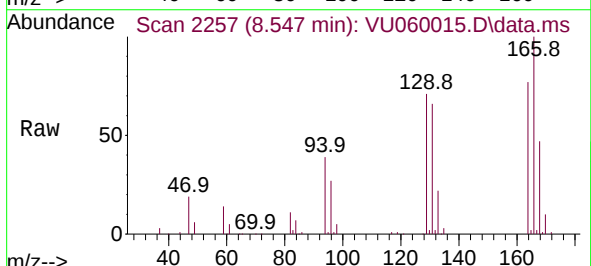
Ion Ratio Lower Upper

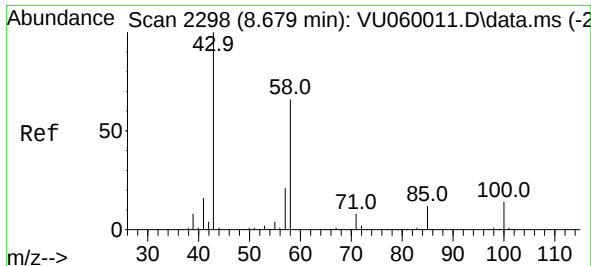
164 100

129 91.5 64.6 120.0

131 86.2 61.2 113.8

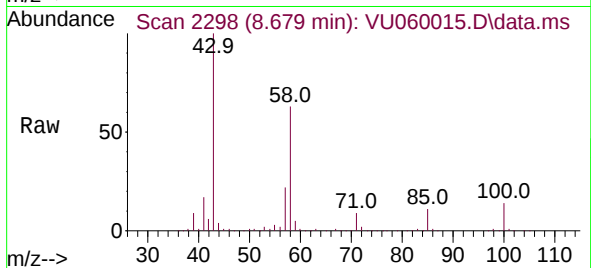
166 129.6 88.6 164.6



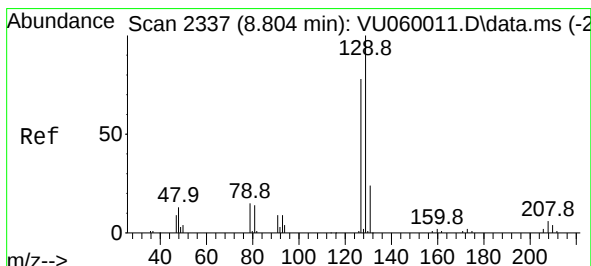
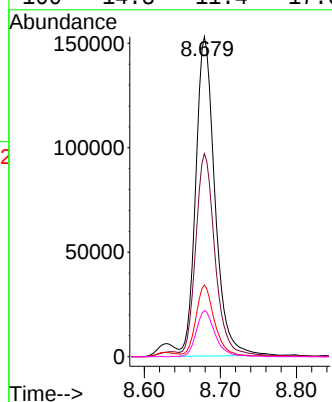
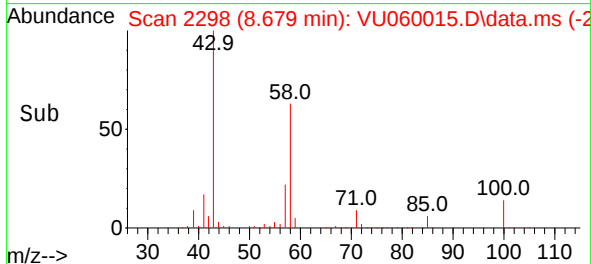


#48
2-Hexanone
Concen: 57.983 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU060015.D
Acq: 18 Jul 2024 13:49

Instrument :
MSVOA_U
ClientSampleId :

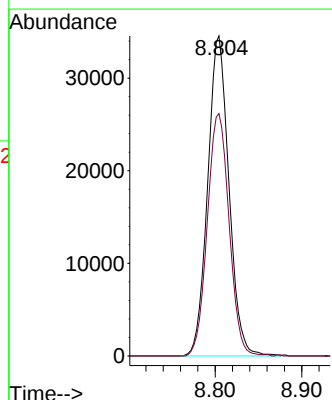
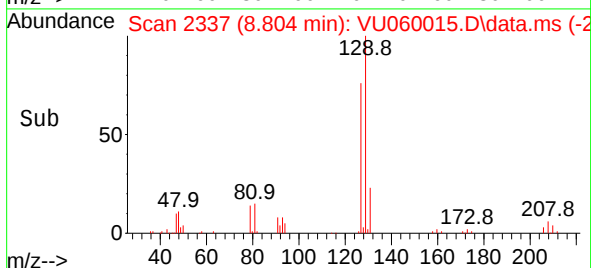
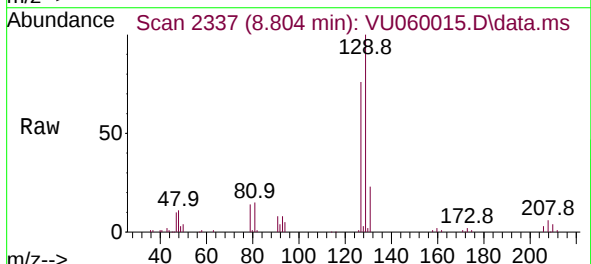


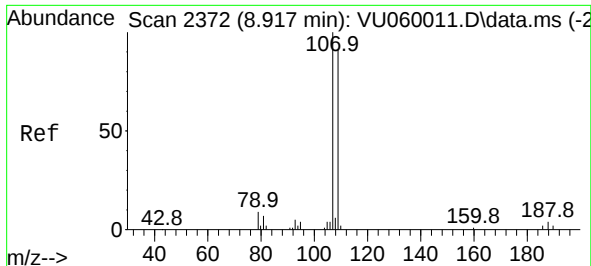
Tgt Ion: 43 Resp: 268119
Ion Ratio Lower Upper
43 100
58 63.6 52.6 78.8
57 21.5 17.8 26.8
100 14.3 11.4 17.0



#49
Dibromochloromethane
Concen: 4.872 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU060015.D
Acq: 18 Jul 2024 13:49

Tgt Ion: 129 Resp: 58777
Ion Ratio Lower Upper
129 100
127 75.8 54.6 101.4





#50

1,2-Dibromoethane

Concen: 5.166 ug/L

RT: 8.920 min Scan# 24

Delta R.T. 0.003 min

Lab File: VU060015.D

Acq: 18 Jul 2024 13:49

Instrument :

MSVOA_U

ClientSampleId :

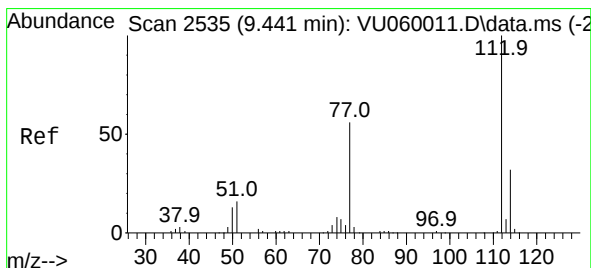
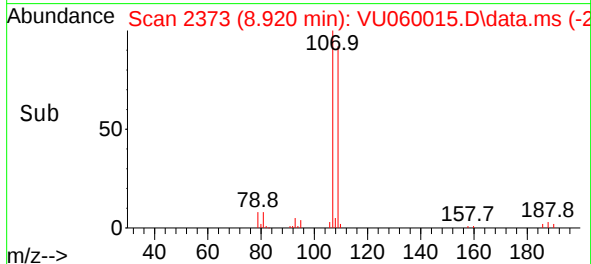
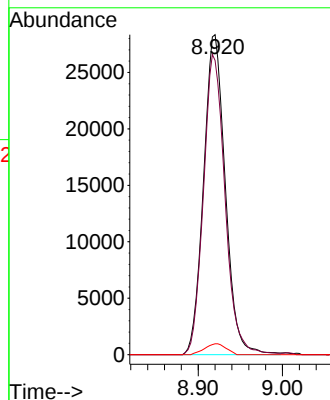
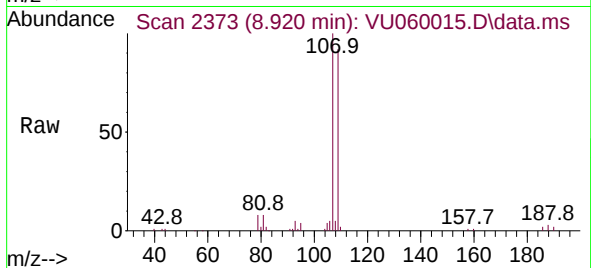
Tgt Ion:107 Resp: 50941

Ion Ratio Lower Upper

107 100

109 92.0 64.0 118.8

188 3.4 3.0 4.6



#51

Chlorobenzene

Concen: 4.930 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. -0.000 min

Lab File: VU060015.D

Acq: 18 Jul 2024 13:49

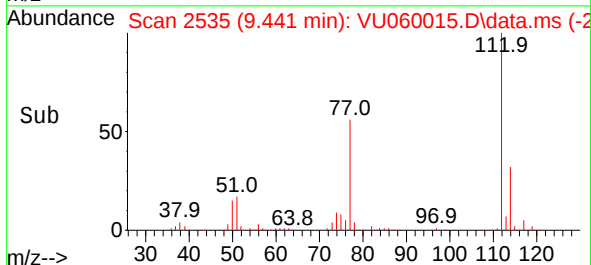
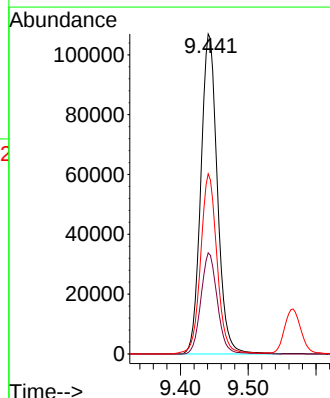
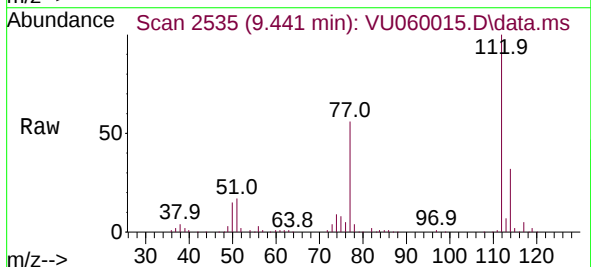
Tgt Ion:112 Resp: 181087

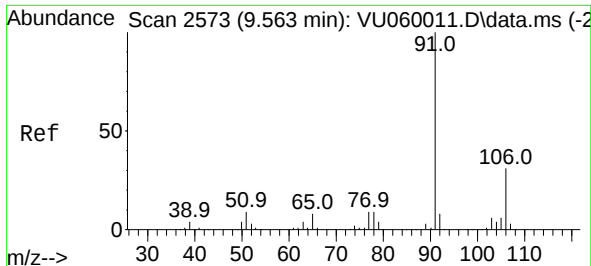
Ion Ratio Lower Upper

112 100

114 31.6 22.1 41.1

77 56.3 44.7 67.1





#52

Ethylbenzene

Concen: 5.121 ug/L

RT: 9.566 min Scan# 2573

Delta R.T. 0.003 min

Lab File: VU060015.D

Acq: 18 Jul 2024 13:49

Instrument :

MSVOA_U

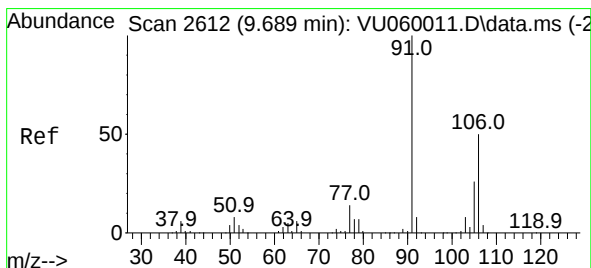
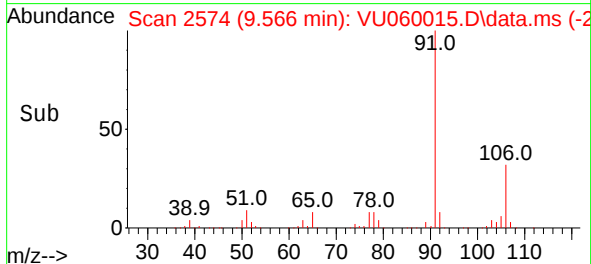
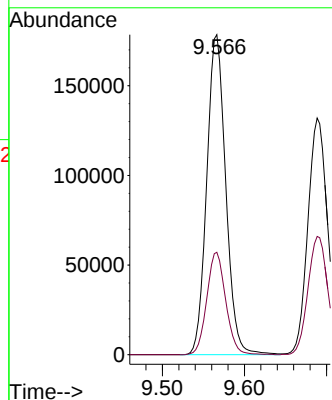
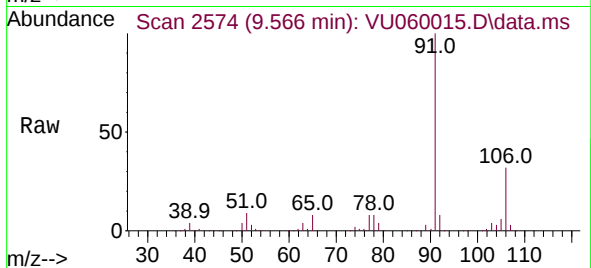
ClientSampleId :

Tgt Ion: 91 Resp: 287123

Ion Ratio Lower Upper

91 100

106 32.0 21.9 40.7



#53

m,p-Xylene

Concen: 5.190 ug/L

RT: 9.689 min Scan# 2612

Delta R.T. -0.000 min

Lab File: VU060015.D

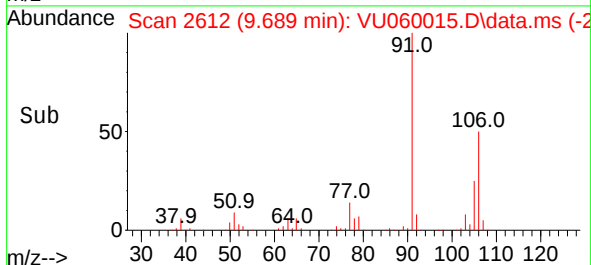
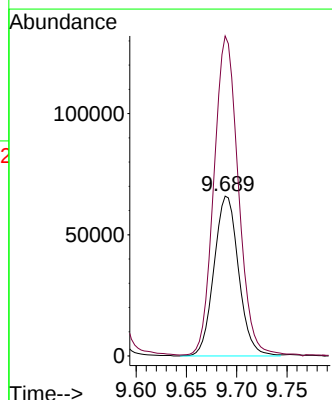
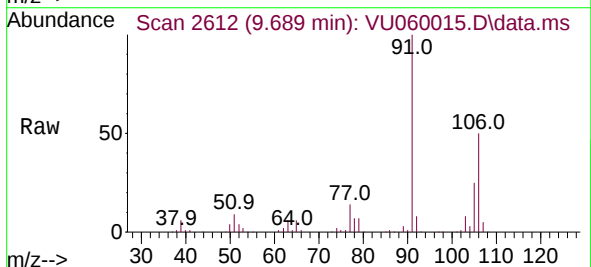
Acq: 18 Jul 2024 13:49

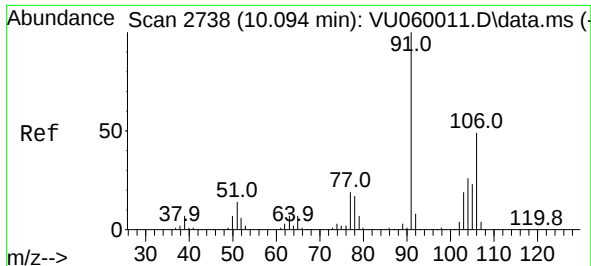
Tgt Ion:106 Resp: 112409

Ion Ratio Lower Upper

106 100

91 200.2 141.3 262.5

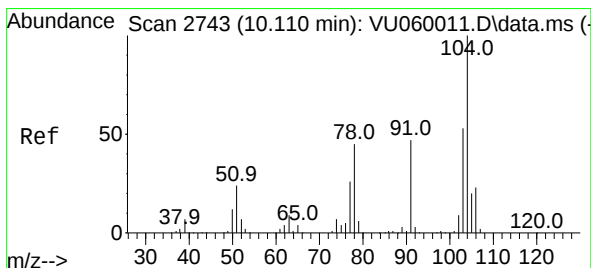
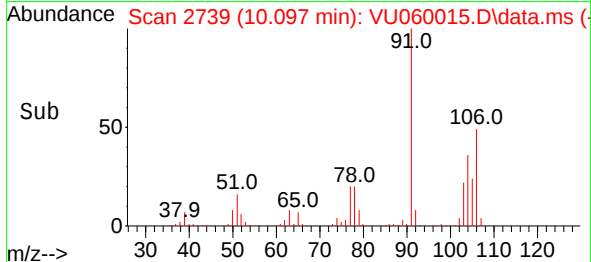
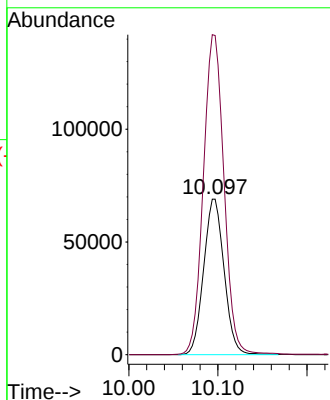
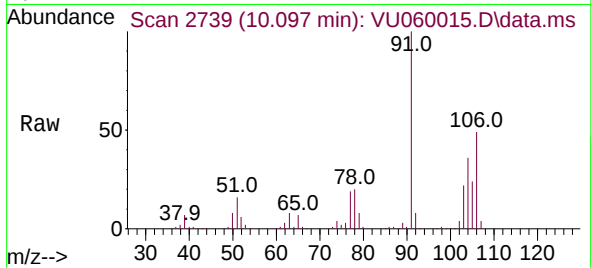




#54
o-Xylene
Concen: 5.302 ug/L
RT: 10.097 min Scan# 2738
Delta R.T. 0.003 min
Lab File: VU060015.D
Acq: 18 Jul 2024 13:49

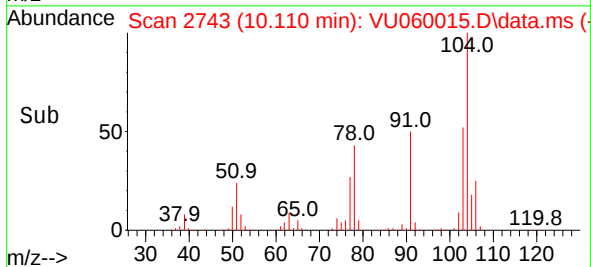
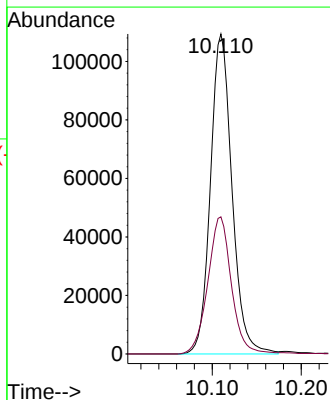
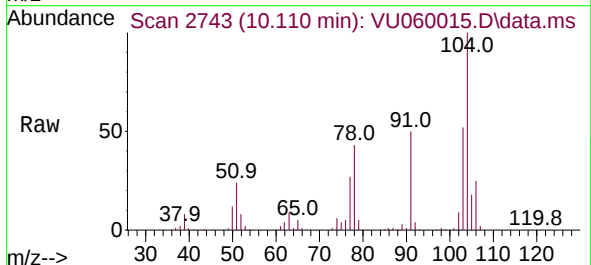
Instrument :
MSVOA_U
ClientSampleId :

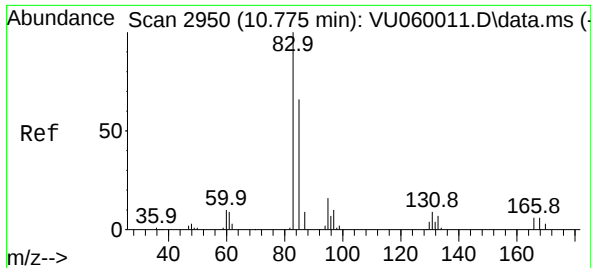
Tgt Ion:106 Resp: 109834
Ion Ratio Lower Upper
106 100
91 205.2 143.6 266.6



#55
Styrene
Concen: 5.217 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU060015.D
Acq: 18 Jul 2024 13:49

Tgt Ion:104 Resp: 183947
Ion Ratio Lower Upper
104 100
78 42.9 31.4 58.4

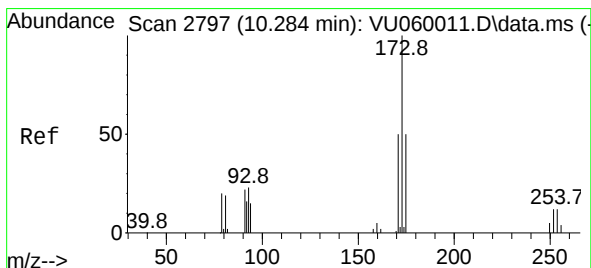
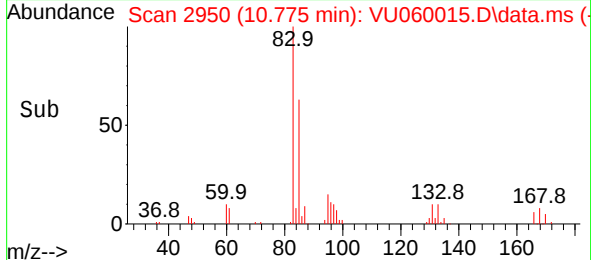
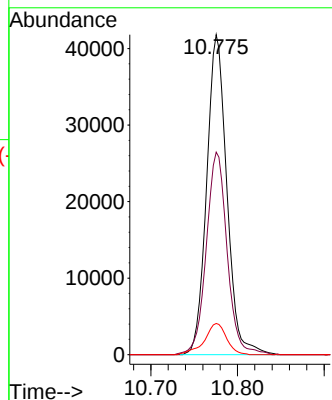
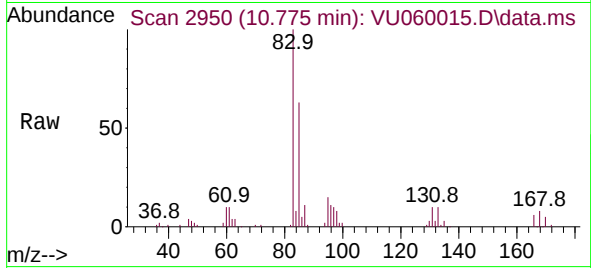




#57
1,1,2,2-Tetrachloroethane
Concen: 5.074 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU060015.D
Acq: 18 Jul 2024 13:49

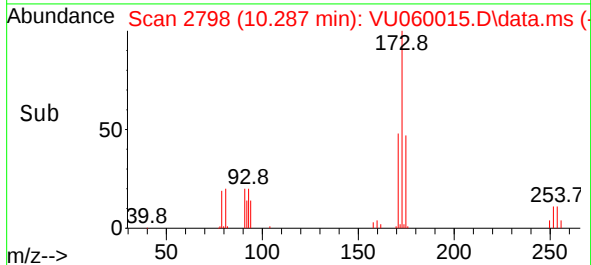
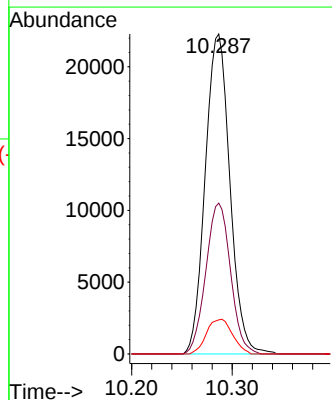
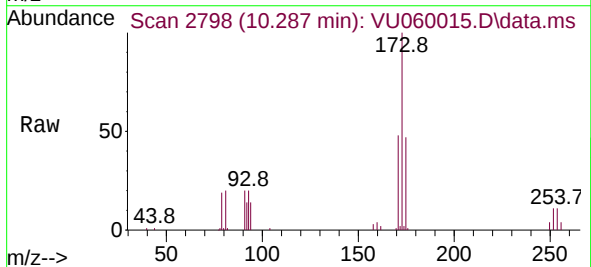
Instrument :
MSVOA_U
ClientSampleId :

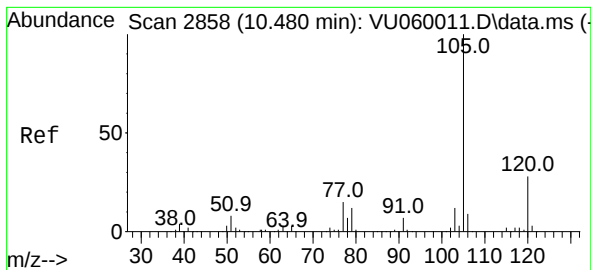
Tgt Ion: 83 Resp: 67700
Ion Ratio Lower Upper
83 100
85 63.3 46.8 87.0
131 9.7 7.8 11.6



#59
Bromoform
Concen: 5.096 ug/L
RT: 10.287 min Scan# 2798
Delta R.T. 0.003 min
Lab File: VU060015.D
Acq: 18 Jul 2024 13:49

Tgt Ion:173 Resp: 38001
Ion Ratio Lower Upper
173 100
175 47.1 38.7 58.1
254 11.4 9.0 13.4





#60

Isopropylbenzene

Concen: 5.317 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. -0.000 min

Lab File: VU060015.D

Acq: 18 Jul 2024 13:49

Instrument :

MSVOA_U

ClientSampleId :

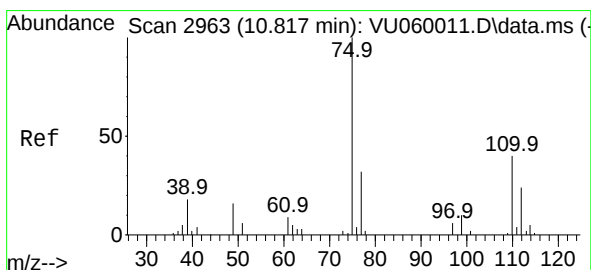
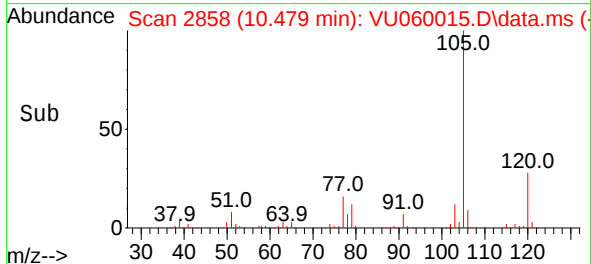
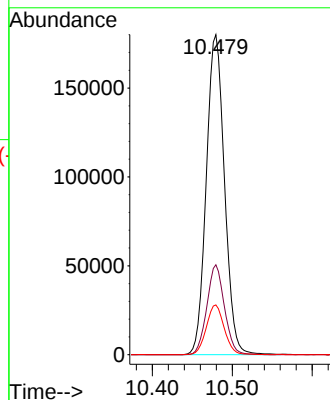
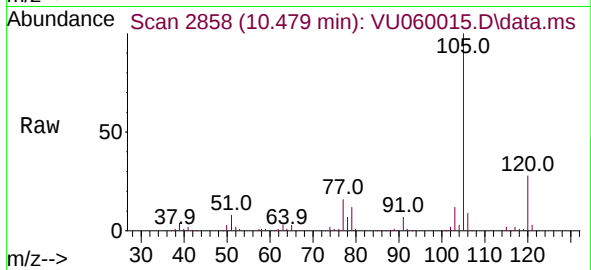
Tgt Ion:105 Resp: 285314

Ion Ratio Lower Upper

105 100

120 27.1 21.9 32.9

77 15.4 12.1 18.1



#61

1,2,3-Trichloropropane

Concen: 5.311 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. -0.000 min

Lab File: VU060015.D

Acq: 18 Jul 2024 13:49

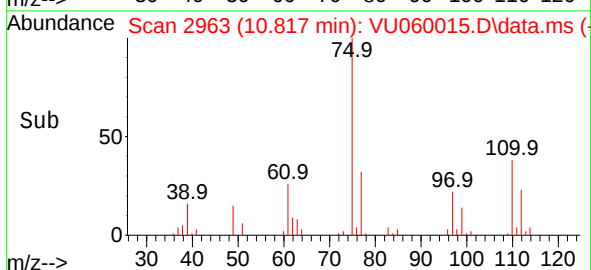
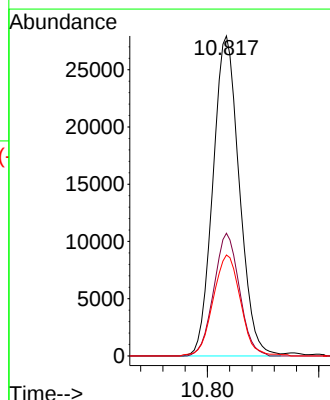
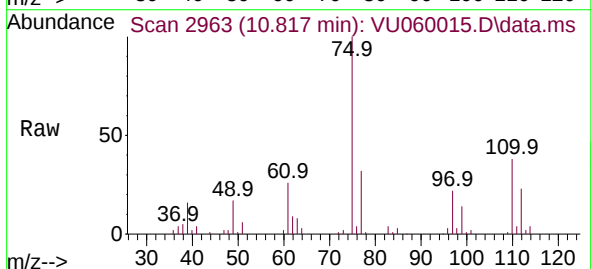
Tgt Ion: 75 Resp: 45942

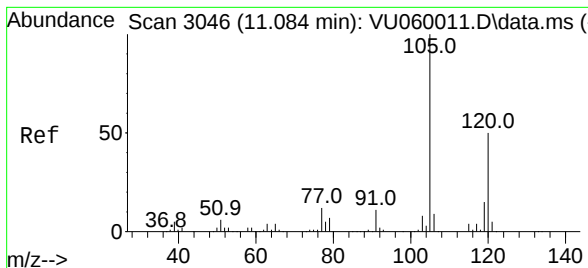
Ion Ratio Lower Upper

75 100

110 37.2 30.8 46.2

77 32.8 26.2 39.2





#62

1,3,5-Trimethylbenzene

Concen: 5.377 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. -0.000 min

Lab File: VU060015.D

Acq: 18 Jul 2024 13:49

Instrument :

MSVOA_U

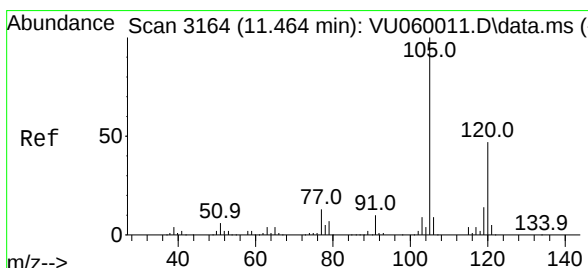
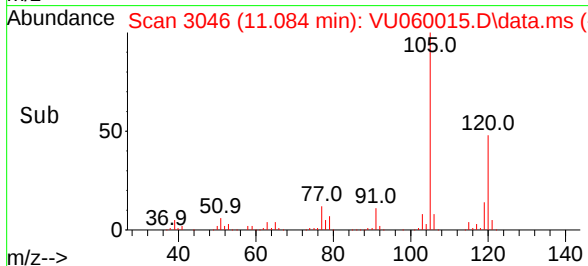
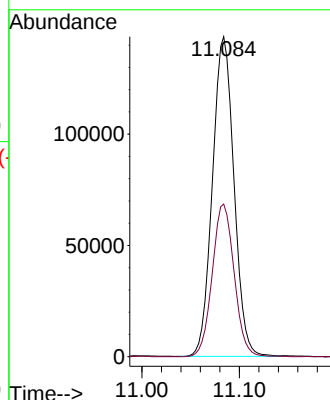
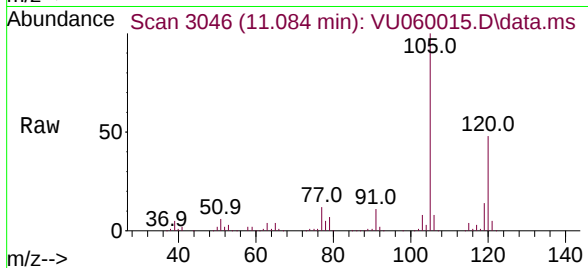
ClientSampleId :

Tgt Ion:105 Resp: 220448

Ion Ratio Lower Upper

105 100

120 48.6 39.4 59.2



#63

1,2,4-Trimethylbenzene

Concen: 5.540 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. -0.000 min

Lab File: VU060015.D

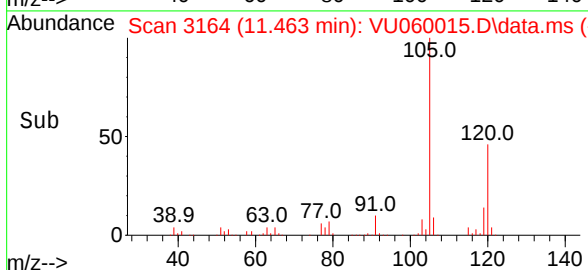
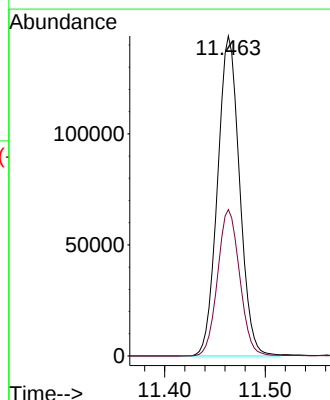
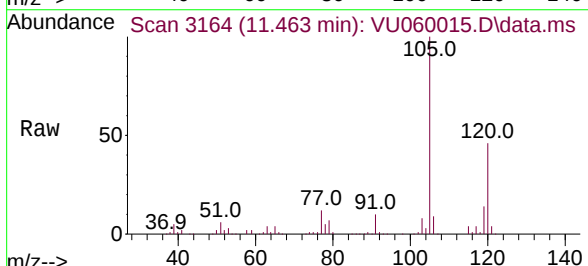
Acq: 18 Jul 2024 13:49

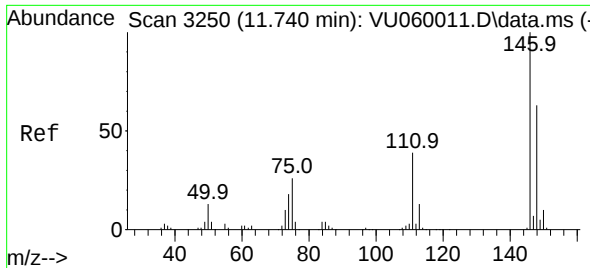
Tgt Ion:105 Resp: 219490

Ion Ratio Lower Upper

105 100

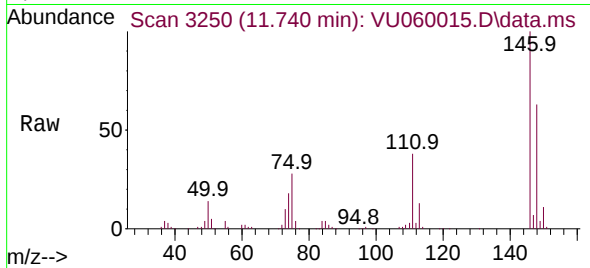
120 46.0 36.7 55.1



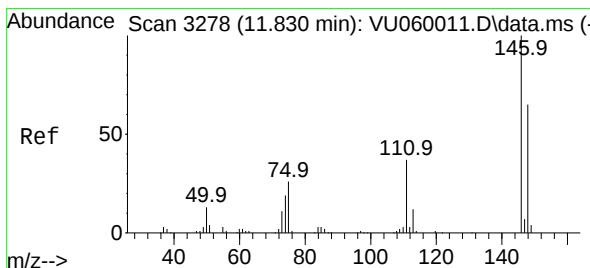
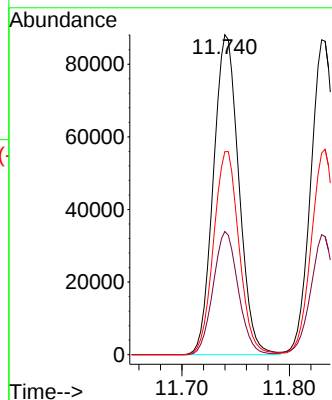
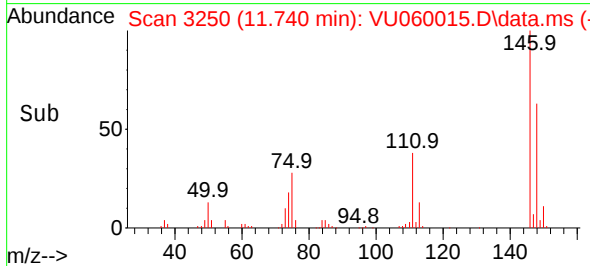


#64
1,3-Dichlorobenzene
Concen: 5.026 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. -0.000 min
Lab File: VU060015.D
Acq: 18 Jul 2024 13:49

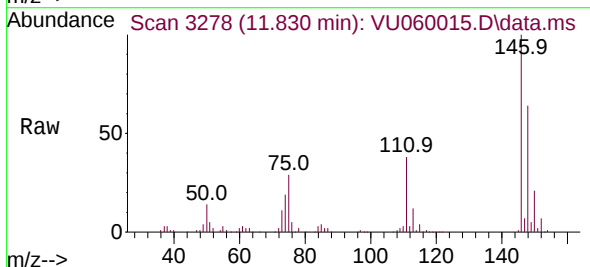
Instrument :
MSVOA_U
ClientSampleId :



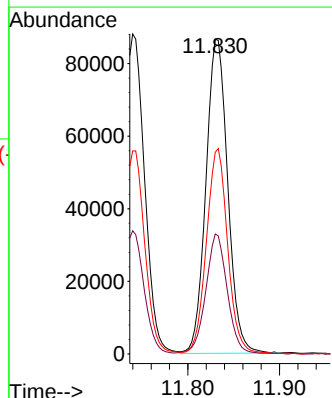
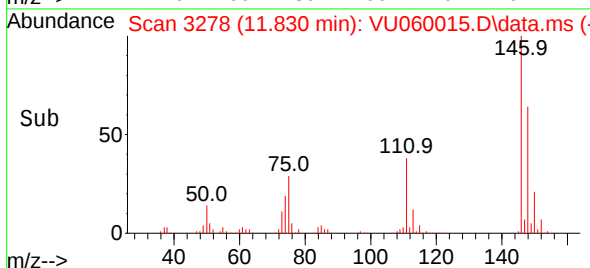
Tgt Ion:146 Resp: 145128
Ion Ratio Lower Upper
146 100
111 38.5 27.2 50.4
148 63.4 44.3 82.3

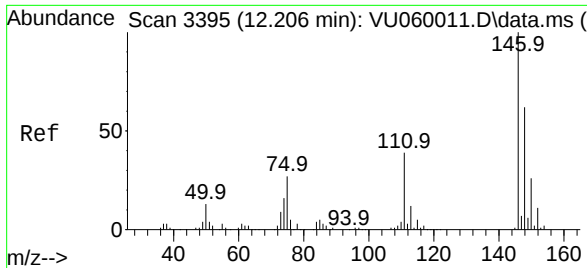


#65
1,4-Dichlorobenzene
Concen: 4.869 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU060015.D
Acq: 18 Jul 2024 13:49



Tgt Ion:146 Resp: 143131
Ion Ratio Lower Upper
146 100
111 38.1 26.5 49.1
148 64.0 45.3 84.1

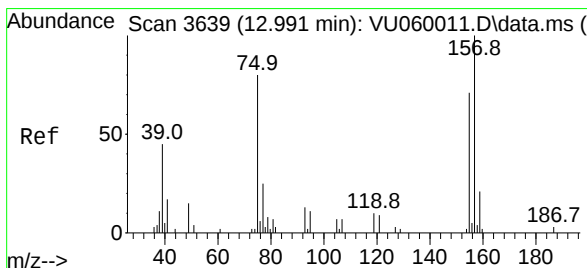
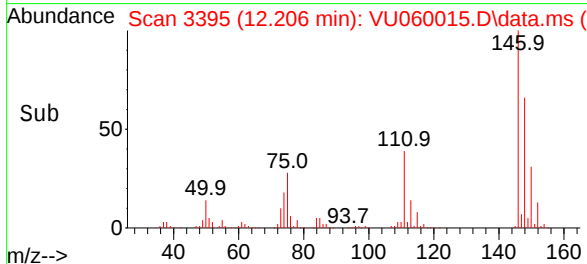
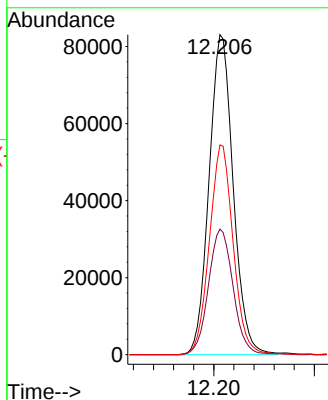
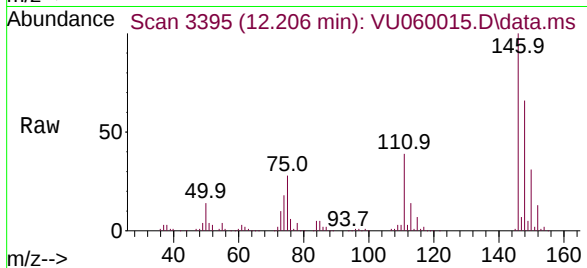




#67
1,2-Dichlorobenzene
Concen: 5.008 ug/L
RT: 12.206 min Scan# 3395
Delta R.T. -0.000 min
Lab File: VU060015.D
Acq: 18 Jul 2024 13:49

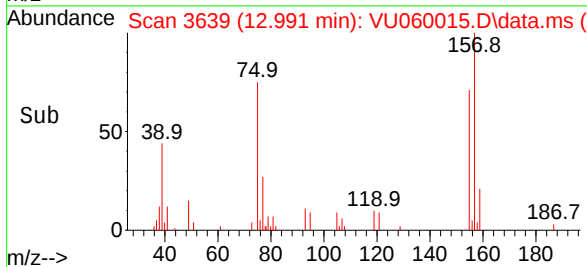
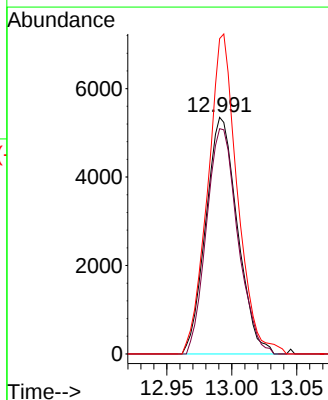
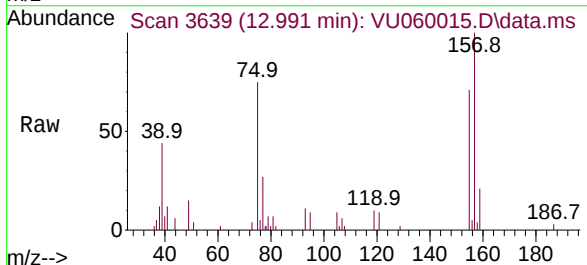
Instrument :
MSVOA_U
ClientSampleId :

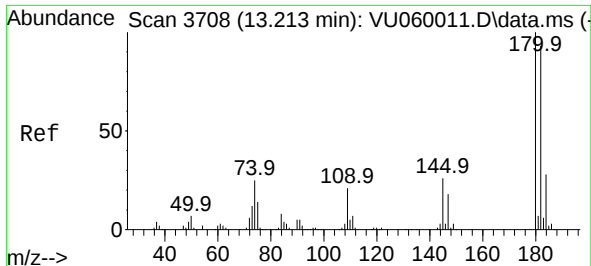
Tgt Ion:146 Resp: 138404
Ion Ratio Lower Upper
146 100
111 39.3 30.9 46.3
148 65.5 49.8 74.8



#68
1,2-Dibromo-3-chloropropane
Concen: 5.378 ug/L
RT: 12.991 min Scan# 3639
Delta R.T. -0.000 min
Lab File: VU060015.D
Acq: 18 Jul 2024 13:49

Tgt Ion: 75 Resp: 9066
Ion Ratio Lower Upper
75 100
155 95.2 70.6 105.8
157 133.2 99.4 149.2





#69

1,3,5-Trichlorobenzene

Concen: 4.967 ug/L

RT: 13.216 min Scan# 3709

Delta R.T. 0.003 min

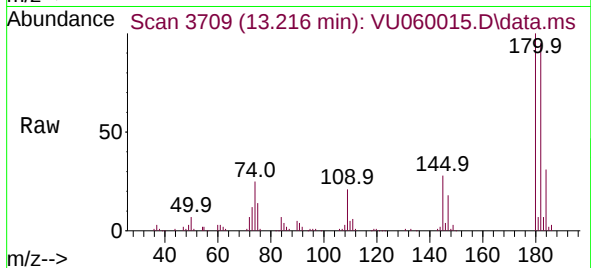
Lab File: VU060015.D

Acq: 18 Jul 2024 13:49

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 108251

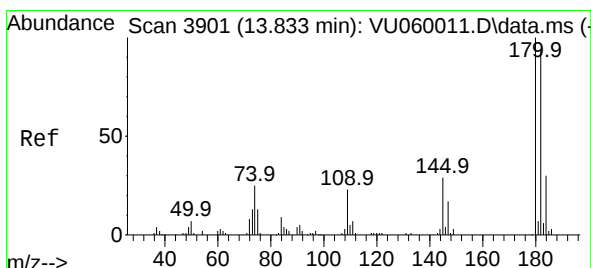
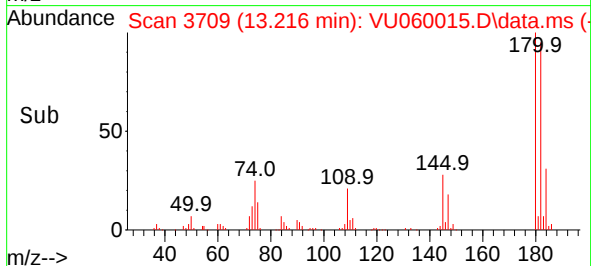
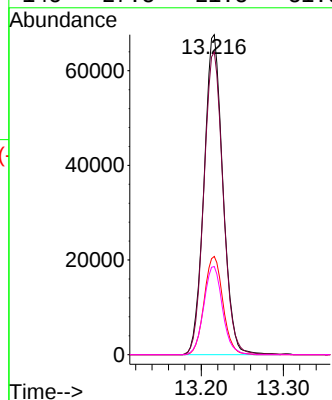
Ion Ratio Lower Upper

180 100

182 95.9 74.6 111.8

184 30.3 23.1 34.7

145 27.3 21.3 31.9



#70

1,2,4-trichlorobenzene

Concen: 5.270 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.003 min

Lab File: VU060015.D

Acq: 18 Jul 2024 13:49

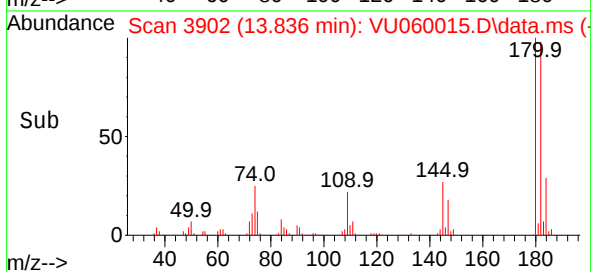
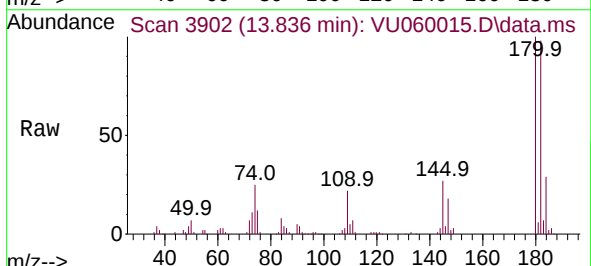
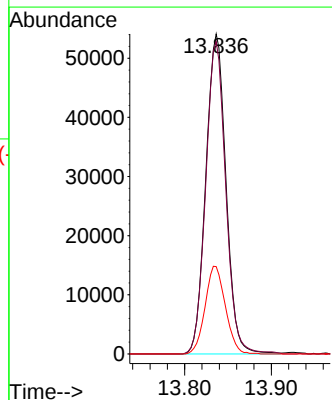
Tgt Ion:180 Resp: 87413

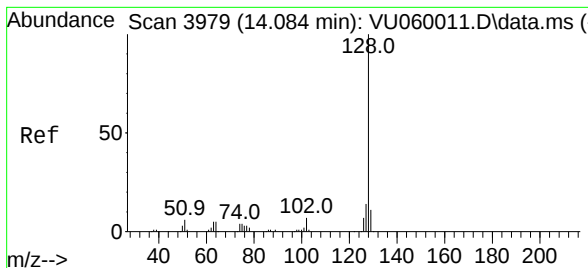
Ion Ratio Lower Upper

180 100

182 96.7 77.2 115.8

145 27.6 23.0 34.4





#71

Naphthalene

Concen: 6.229 ug/L

RT: 14.081 min Scan# 3979

Delta R.T. -0.003 min

Lab File: VU060015.D

Acq: 18 Jul 2024 13:49

Instrument :

MSVOA_U

ClientSampleId :

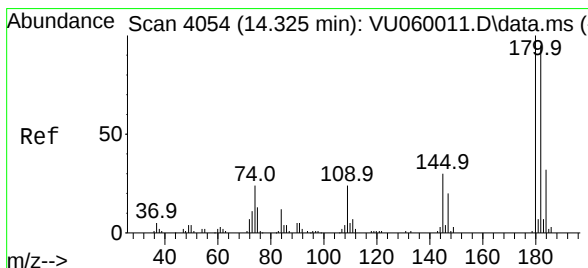
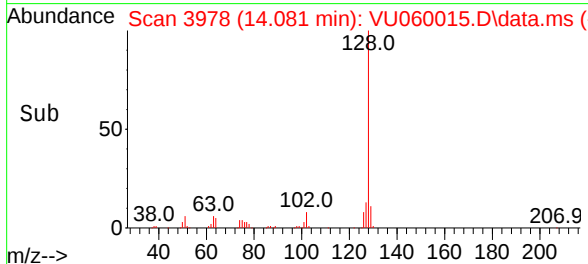
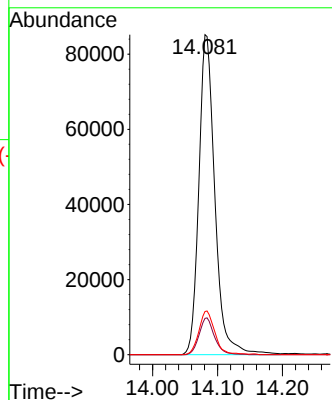
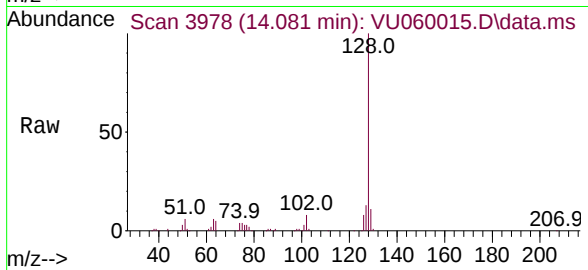
Tgt Ion:128 Resp: 146391

Ion Ratio Lower Upper

128 100

129 11.0 8.2 12.4

127 13.6 10.6 16.0



#72

1,2,3-Trichlorobenzene

Concen: 5.550 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. -0.000 min

Lab File: VU060015.D

Acq: 18 Jul 2024 13:49

Tgt Ion:180 Resp: 82790

Ion Ratio Lower Upper

180 100

182 98.6 76.3 114.5

145 30.4 23.9 35.9

