

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092424\
 Data File : VU060994.D
 Acq On : 24 Sep 2024 15:02
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 25 04:48:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 25 04:46:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	131090	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	136007	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	69973	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	50715	4.301	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.000%
7) Chloroethane-d5	1.911	69	41168	4.904	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.000%
11) 1,1-Dichloroethene-d2	2.560	65	18979	4.542	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.800%
20) 2-Butanone-d5	4.634	46	101689	53.723	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.440%
24) Chloroform-d	5.055	84	90127	5.000	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	5.695	65	42907	4.980	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	5.721	84	171151	4.695	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
36) 1,2-Dichloropropane-d6	6.682	67	55127	4.888	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.800%
41) Toluene-d8	7.891	98	156322	4.704	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
43) trans-1,3-Dichloroprop...	8.174	79	20240	4.985	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.800%
46) 2-Hexanone-d5	8.627	63	84326	52.654	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.300%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	44959	5.088	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	53844	4.579	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	52006	5.256	ug/L	98
3) Chloromethane	1.518	50	56694	5.424	ug/L	100
5) Vinyl chloride	1.602	62	61738	5.457	ug/L	98
6) Bromomethane	1.856	94	33375	4.616	ug/L	97
8) Chloroethane	1.930	64	40972	5.928	ug/L	100
9) Trichlorofluoromethane	2.133	101	90959	5.854	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	51623	5.717	ug/L	99
12) 1,1-Dichloroethene	2.573	96	45551	5.524	ug/L	92
13) Acetone	2.653	43	76955	60.940	ug/L	94
14) Carbon disulfide	2.788	76	118864	5.196	ug/L	99
15) Methyl Acetate	2.956	43	18604	6.043	ug/L	96
16) Methylene chloride	3.039	84	58589	6.135	ug/L	98
17) Methyl tert-butyl Ether	3.358	73	104620	5.614	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	44146	5.167	ug/L	94
19) 1,1-Dichloroethane	3.862	63	96275	5.612	ug/L	96
21) 2-Butanone	4.711	43	115893	56.378	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	50106	5.299	ug/L	99
23) Bromochloromethane	4.968	128	23658	5.297	ug/L	96
25) Chloroform	5.078	83	101807	5.691	ug/L	95

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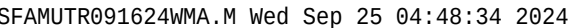
Instrument :
 MSVOA_U
 ClientSampleId :

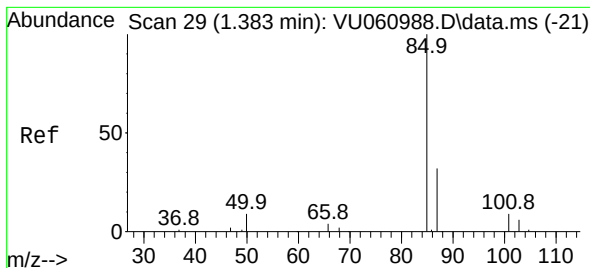
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	56394	5.441	ug/L	97
29) 1,1,1-Trichloroethane	5.306	97	84834	5.778	ug/L	100
30) Cyclohexane	5.380	56	62072	5.143	ug/L	99
31) Carbon tetrachloride	5.515	117	74991	5.769	ug/L	98
33) Benzene	5.766	78	206910	5.533	ug/L	100
34) Trichloroethene	6.537	95	53721	5.480	ug/L	97
35) Methylcyclohexane	6.756	83	70263	5.224	ug/L	98
37) 1,2-Dichloropropane	6.782	63	59636	5.787	ug/L #	96
38) Bromodichloromethane	7.097	83	71798	5.680	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	76339	5.570	ug/L	96
40) 4-Methyl-2-pentanone	7.785	43	276723	57.506	ug/L	99
42) Toluene	7.962	91	220178	5.631	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	63343	5.620	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	41238	5.543	ug/L	98
47) Tetrachloroethene	8.547	164	41264	5.297	ug/L	96
48) 2-Hexanone	8.679	43	211514	60.302	ug/L	99
49) Dibromochloromethane	8.801	129	46683	5.512	ug/L	94
50) 1,2-Dibromoethane	8.917	107	36954	5.566	ug/L #	99
51) Chlorobenzene	9.441	112	142523	5.428	ug/L	100
52) Ethylbenzene	9.563	91	227508	5.527	ug/L	98
53) m,p-Xylene	9.688	106	88541	5.673	ug/L	96
54) o-Xylene	10.094	106	84624	5.494	ug/L	97
55) Styrene	10.110	104	143766	5.538	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	51210	5.519	ug/L	95
59) Bromoform	10.283	173	27139	5.146	ug/L	98
60) Isopropylbenzene	10.479	105	220555	5.319	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	34258	5.249	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	167138	5.186	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	166322	5.223	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	112910	5.415	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	108034	5.013	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	100359	5.090	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	7302	5.730	ug/L	86
69) 1,3,5-Trichlorobenzene	13.212	180	74861	4.800	ug/L	95
70) 1,2,4-trichlorobenzene	13.836	180	52597	4.787	ug/L	98
71) Naphthalene	14.084	128	64463	4.449	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	44197	4.656	ug/L	96

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

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#2

Dichlorodifluoromethane

Concen: 5.256 ug/L

RT: 1.383 min Scan# 29

Delta R.T. 0.000 min

Lab File: VU060994.D

Acq: 24 Sep 2024 15:02

Instrument :

MSVOA_U

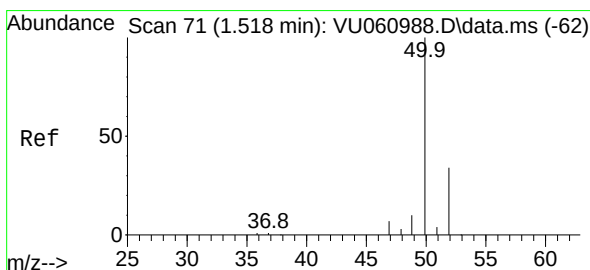
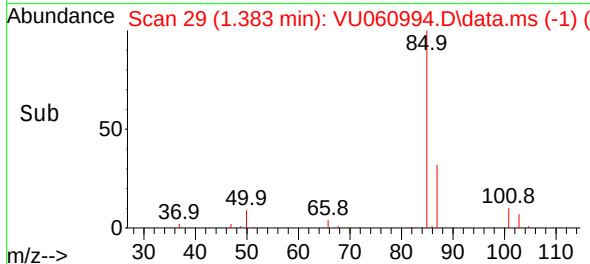
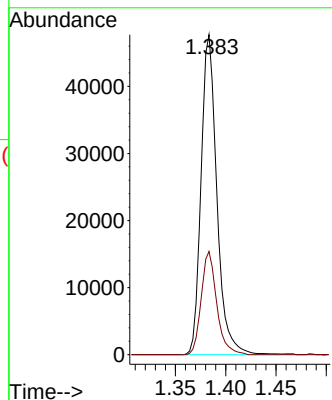
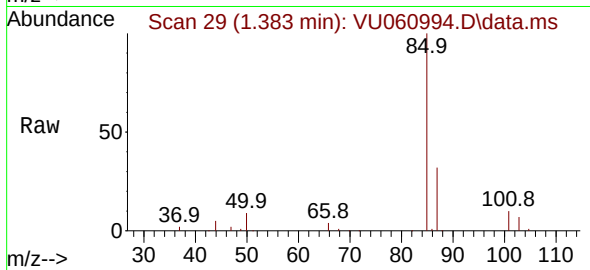
ClientSampleId :

Tgt Ion: 85 Resp: 52006

Ion Ratio Lower Upper

85 100

87 31.6 26.2 39.2



#3

Chloromethane

Concen: 5.424 ug/L

RT: 1.518 min Scan# 71

Delta R.T. 0.000 min

Lab File: VU060994.D

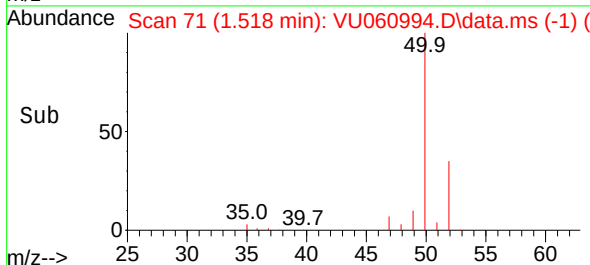
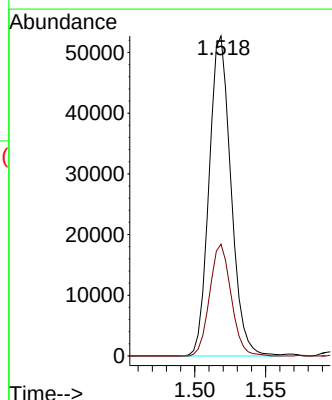
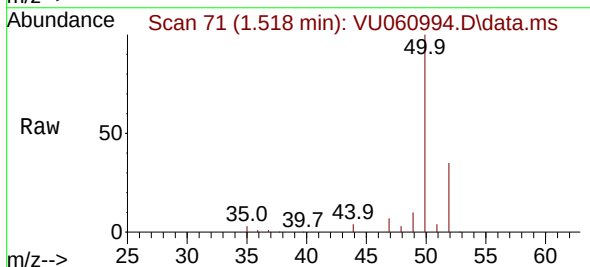
Acq: 24 Sep 2024 15:02

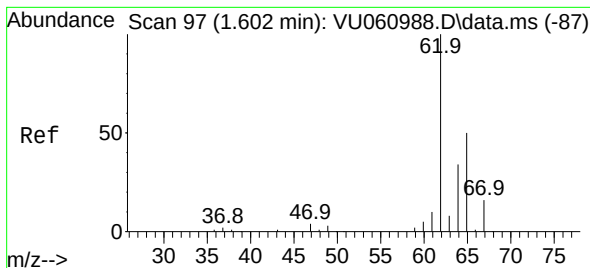
Tgt Ion: 50 Resp: 56694

Ion Ratio Lower Upper

50 100

52 34.9 24.4 45.4





#5

Vinyl chloride

Concen: 5.457 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU060994.D

Acq: 24 Sep 2024 15:02

Instrument :

MSVOA_U

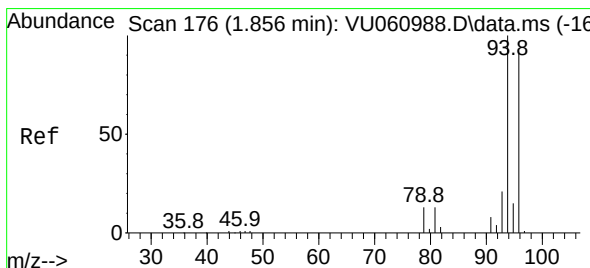
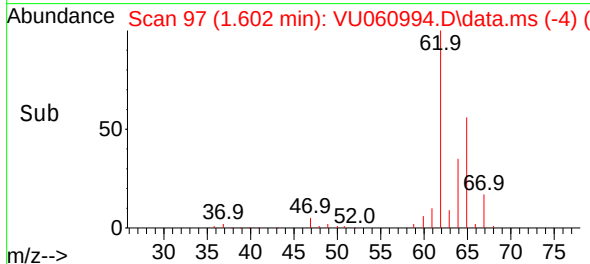
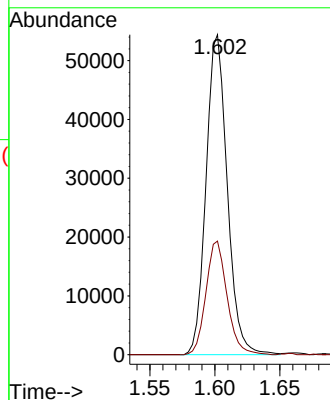
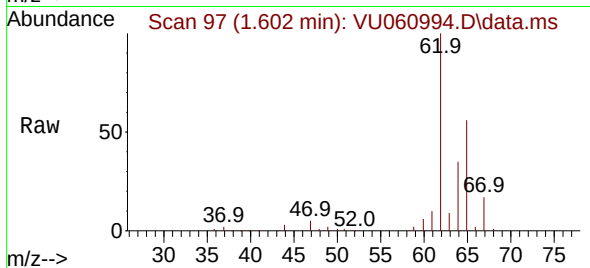
ClientSampleId :

Tgt Ion: 62 Resp: 61738

Ion Ratio Lower Upper

62 100

64 35.5 24.0 44.6



#6

Bromomethane

Concen: 4.616 ug/L

RT: 1.856 min Scan# 176

Delta R.T. 0.000 min

Lab File: VU060994.D

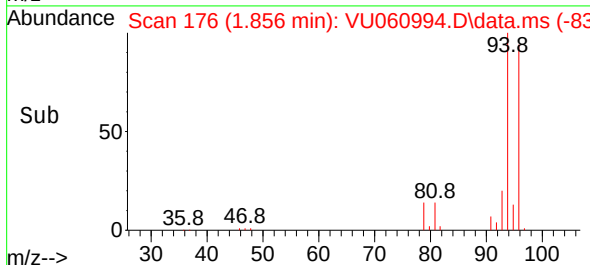
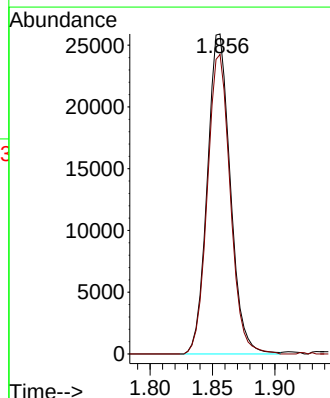
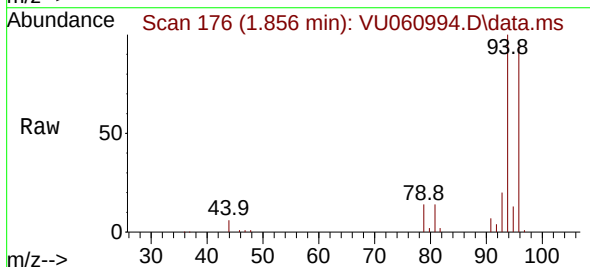
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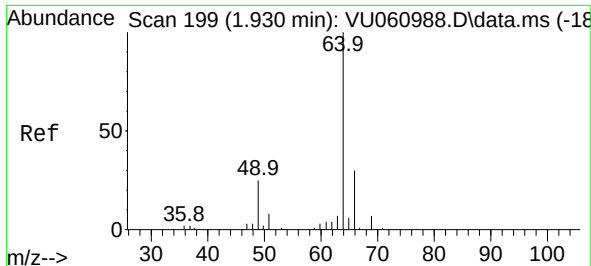
Tgt Ion: 94 Resp: 33375

Ion Ratio Lower Upper

94 100

96 93.6 67.3 124.9

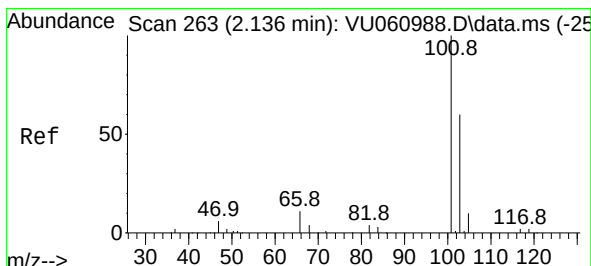
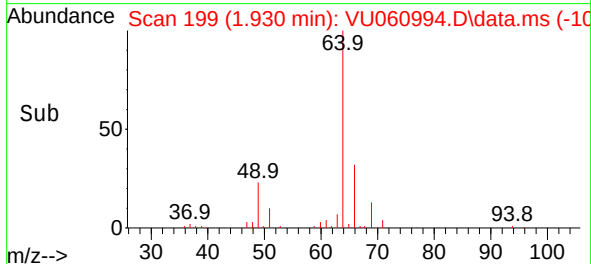
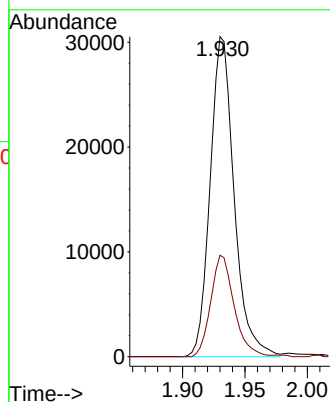
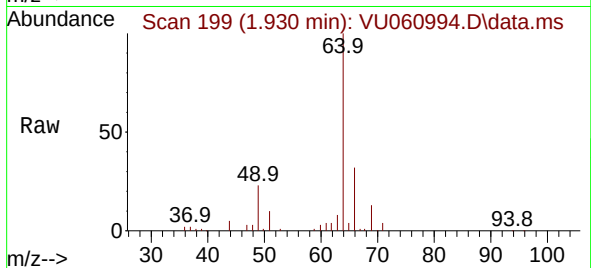




#8
Chloroethane
Concen: 5.928 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU060994.D
Acq: 24 Sep 2024 15:02

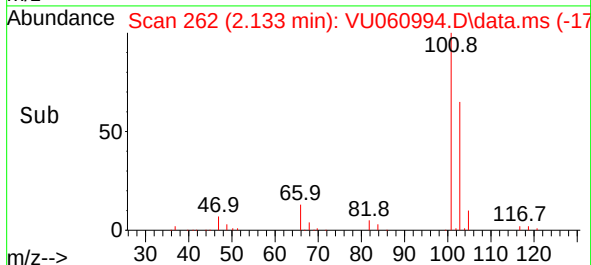
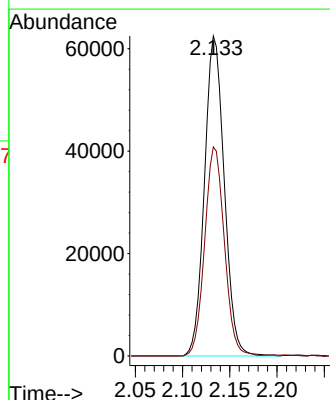
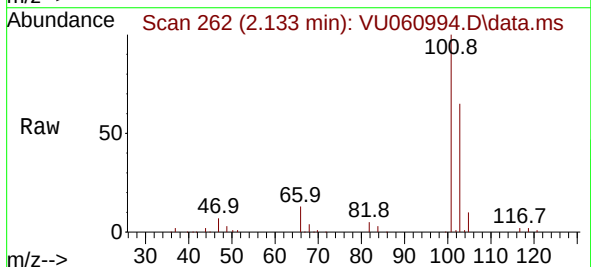
Instrument :
MSVOA_U
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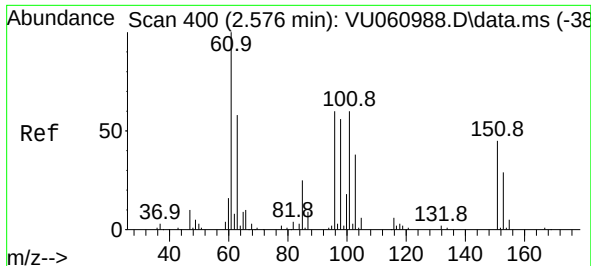
Tgt Ion: 64 Resp: 40972
Ion Ratio Lower Upper
64 100
66 31.7 22.3 41.3



#9
Trichlorofluoromethane
Concen: 5.854 ug/L
RT: 2.133 min Scan# 262
Delta R.T. -0.003 min
Lab File: VU060994.D
Acq: 24 Sep 2024 15:02

Tgt Ion:101 Resp: 90959
Ion Ratio Lower Upper
101 100
103 64.9 51.4 77.2

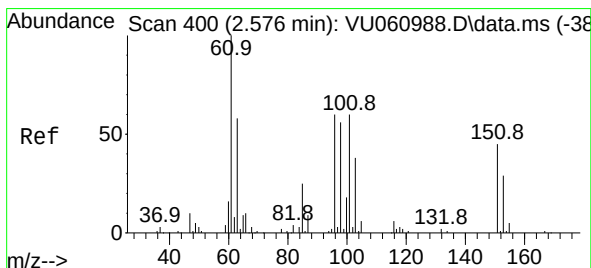
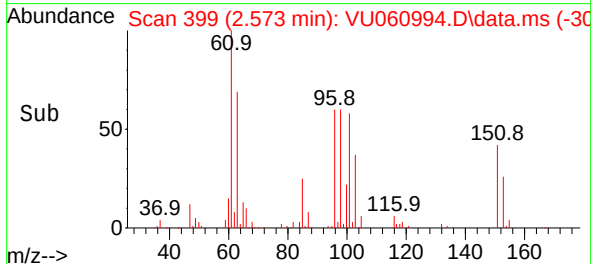
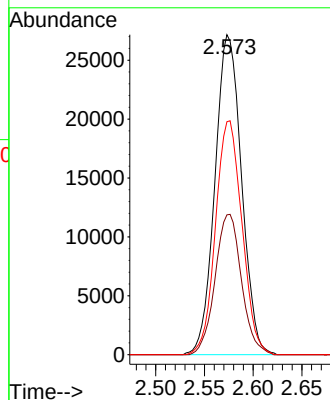
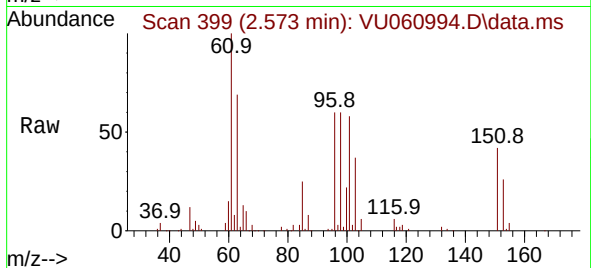




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.717 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU060994.D
Acq: 24 Sep 2024 15:02

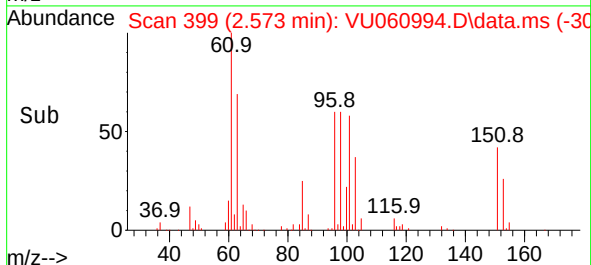
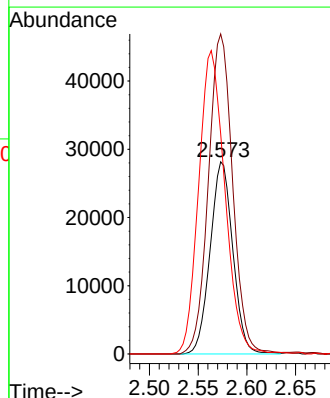
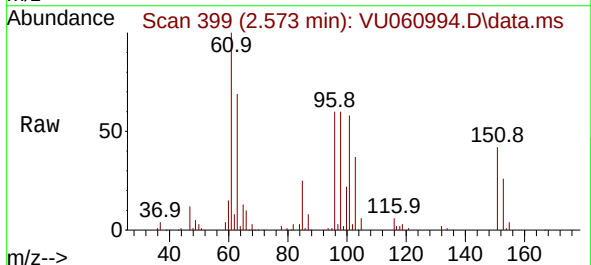
Instrument :
MSVOA_U
ClientSampleId :

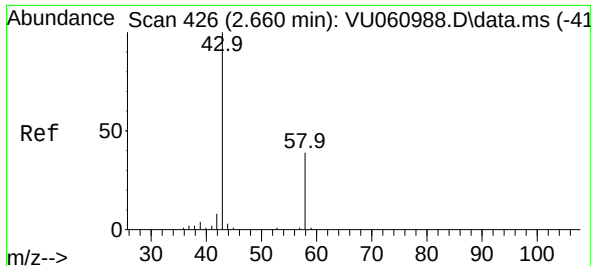
Tgt Ion:101 Resp: 51623
Ion Ratio Lower Upper
101 100
85 43.5 34.2 51.4
151 72.7 58.6 88.0



#12
1,1-Dichloroethene
Concen: 5.524 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU060994.D
Acq: 24 Sep 2024 15:02

Tgt Ion: 96 Resp: 45551
Ion Ratio Lower Upper
96 100
61 166.6 120.7 224.1
63 114.6 90.0 167.2





#13

Acetone

Concen: 60.940 ug/L

RT: 2.653 min Scan# 41

Delta R.T. -0.006 min

Lab File: VU060994.D

Acq: 24 Sep 2024 15:02

Instrument :

MSVOA_U

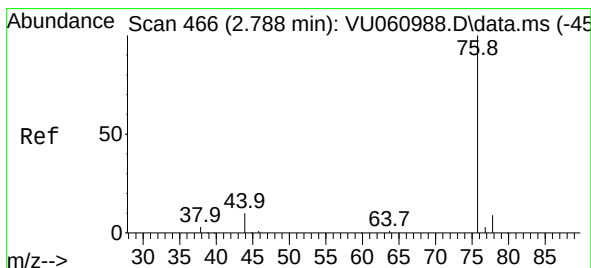
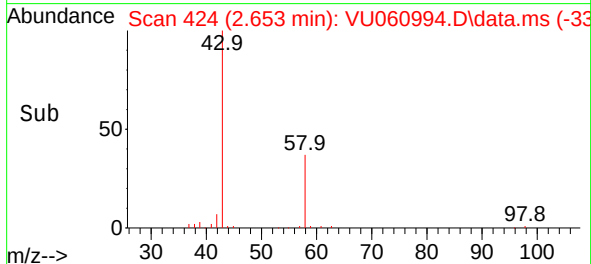
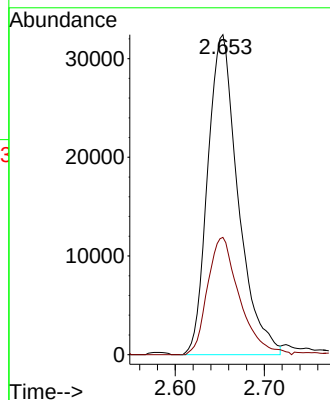
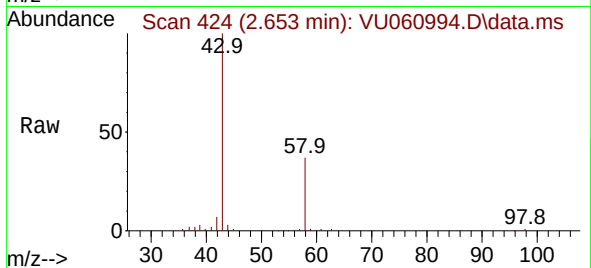
ClientSampleId :

Tgt Ion: 43 Resp: 76955

Ion Ratio Lower Upper

43 100

58 38.4 0.0 69.6



#14

Carbon disulfide

Concen: 5.196 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU060994.D

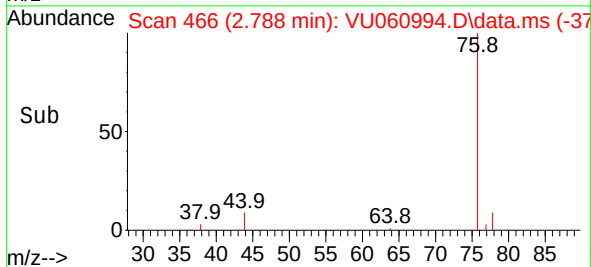
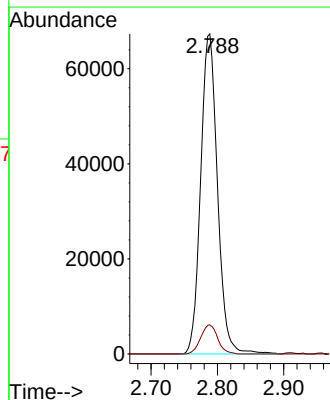
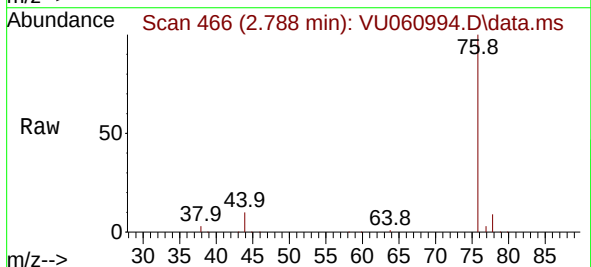
Acq: 24 Sep 2024 15:02

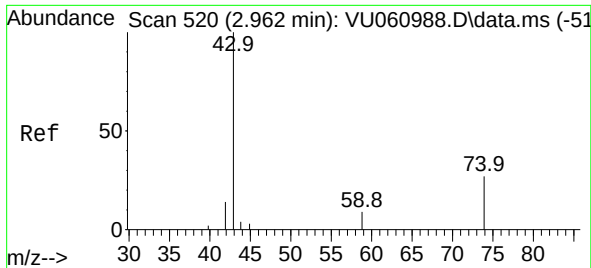
Tgt Ion: 76 Resp: 118864

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7





#15

Methyl Acetate

Concen: 6.043 ug/L

RT: 2.956 min Scan# 51

Delta R.T. -0.006 min

Lab File: VU060994.D

Acq: 24 Sep 2024 15:02

Instrument :

MSVOA_U

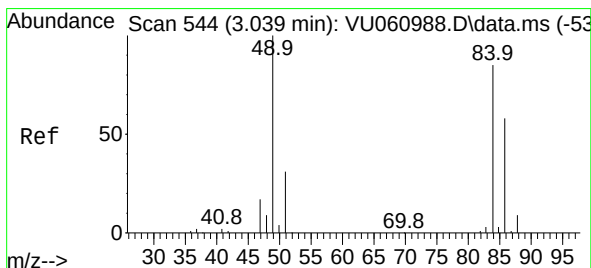
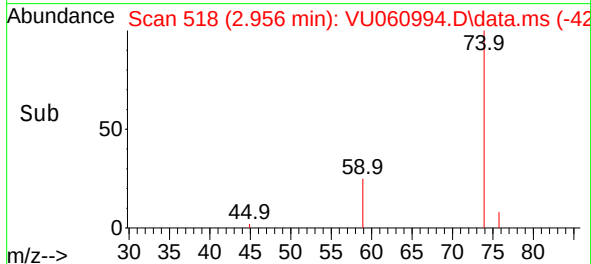
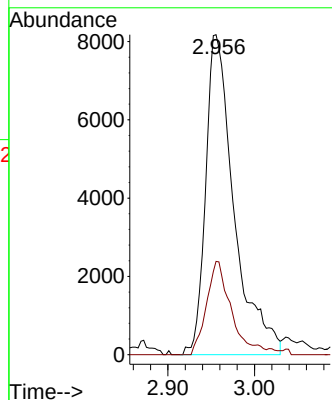
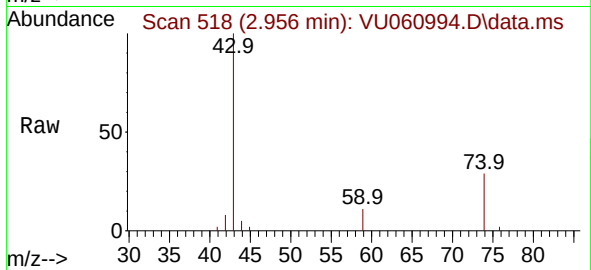
ClientSampleId :

Tgt Ion: 43 Resp: 18604

Ion Ratio Lower Upper

43 100

74 25.4 18.9 28.3



#16

Methylene chloride

Concen: 6.135 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.000 min

Lab File: VU060994.D

Acq: 24 Sep 2024 15:02

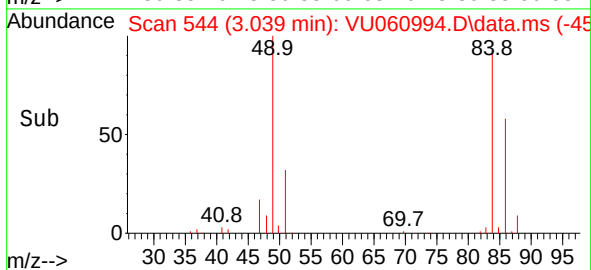
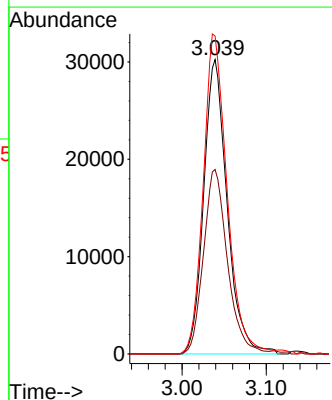
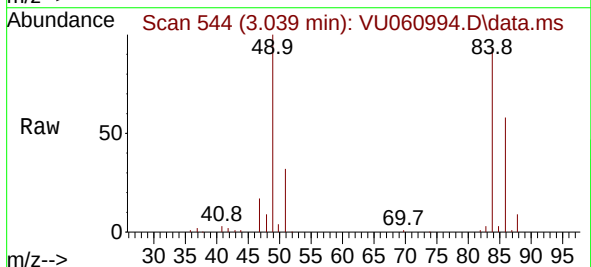
Tgt Ion: 84 Resp: 58589

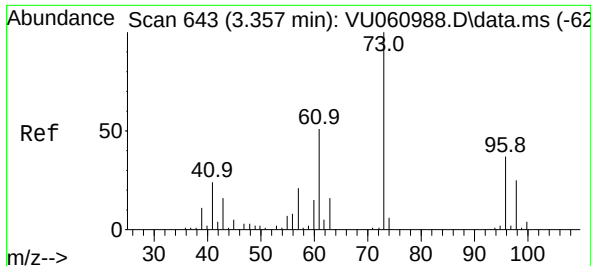
Ion Ratio Lower Upper

84 100

86 62.7 47.3 87.8

49 112.1 78.7 146.1





#17

Methyl tert-butyl Ether

Concen: 5.614 ug/L

RT: 3.358 min Scan# 643

Delta R.T. 0.000 min

Lab File: VU060994.D

Acq: 24 Sep 2024 15:02

Instrument :

MSVOA_U

ClientSampleId :

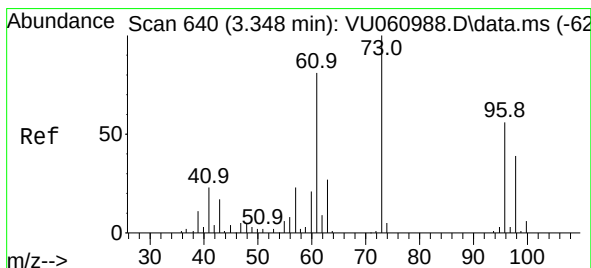
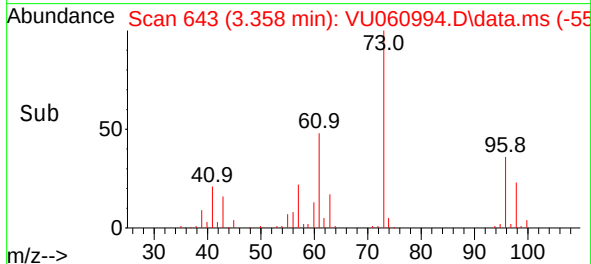
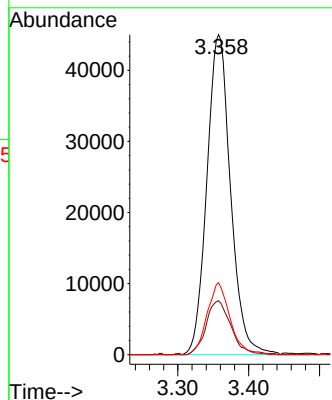
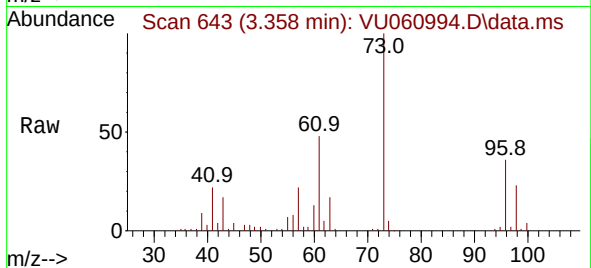
Tgt Ion: 73 Resp: 104620

Ion Ratio Lower Upper

73 100

43 17.8 13.8 20.8

57 21.5 18.0 27.0



#18

trans-1,2-Dichloroethene

Concen: 5.167 ug/L

RT: 3.348 min Scan# 640

Delta R.T. 0.000 min

Lab File: VU060994.D

Acq: 24 Sep 2024 15:02

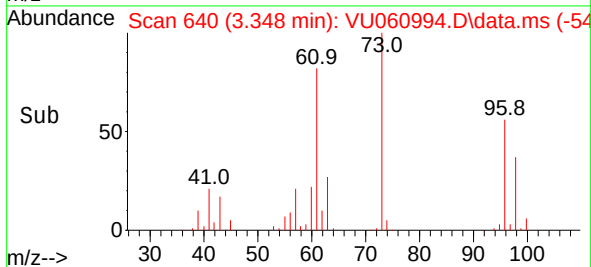
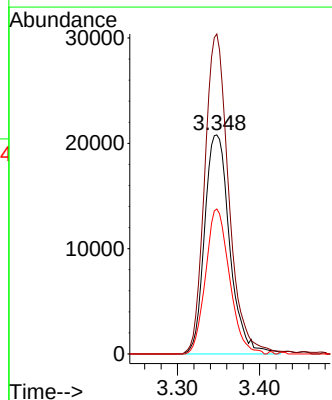
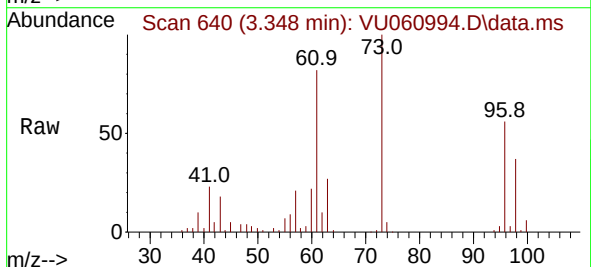
Tgt Ion: 96 Resp: 44146

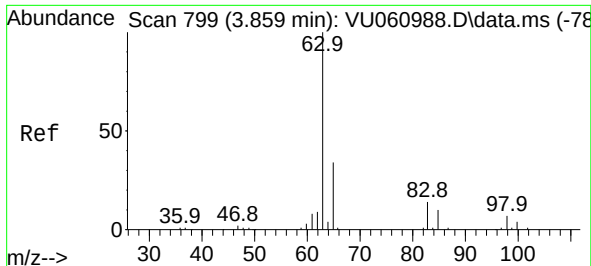
Ion Ratio Lower Upper

96 100

61 146.1 97.2 180.6

98 66.2 43.3 80.5

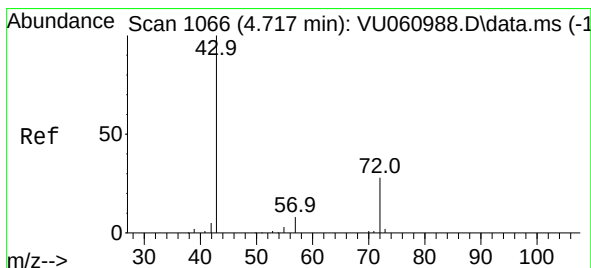
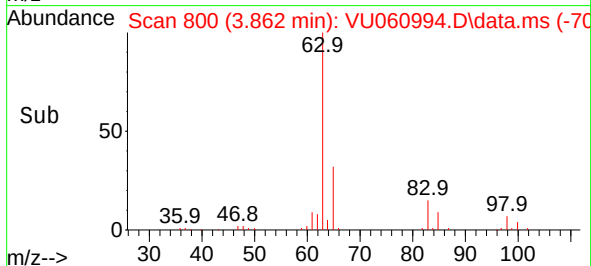
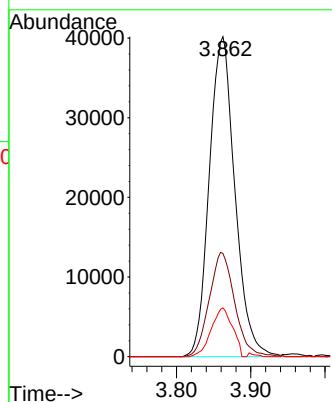
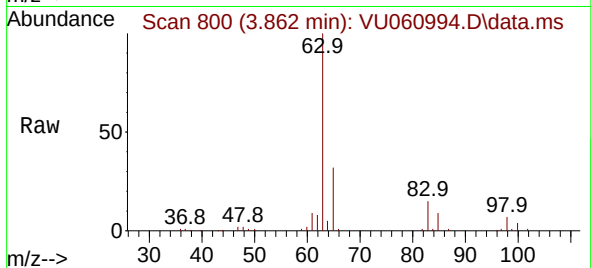




#19
1,1-Dichloroethane
Concen: 5.612 ug/L
RT: 3.862 min Scan# 80
Delta R.T. 0.003 min
Lab File: VU060994.D
Acq: 24 Sep 2024 15:02

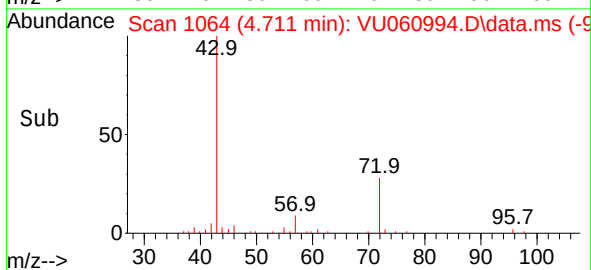
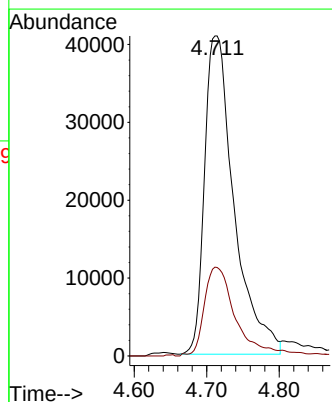
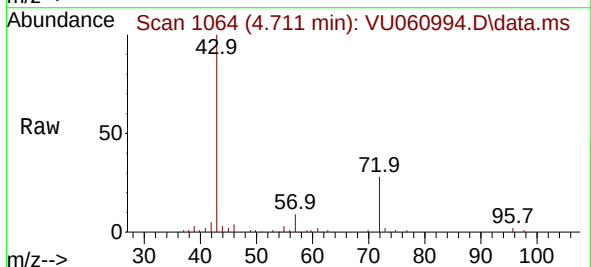
Instrument :
MSVOA_U
ClientSampleId :

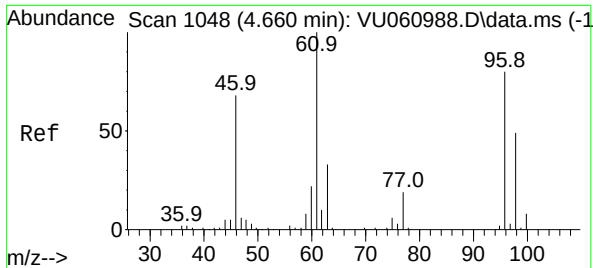
Tgt Ion: 63 Resp: 96275
Ion Ratio Lower Upper
63 100
65 30.9 23.0 42.8
83 14.6 9.0 16.6



#21
2-Butanone
Concen: 56.378 ug/L
RT: 4.711 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VU060994.D
Acq: 24 Sep 2024 15:02

Tgt Ion: 43 Resp: 115893
Ion Ratio Lower Upper
43 100
72 28.8 14.8 44.3

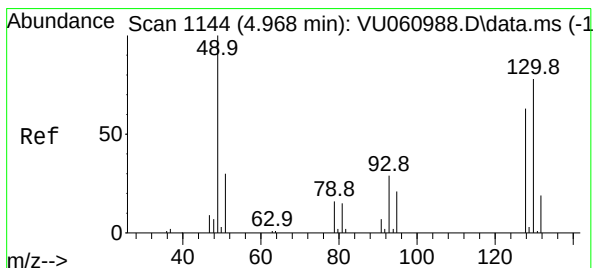
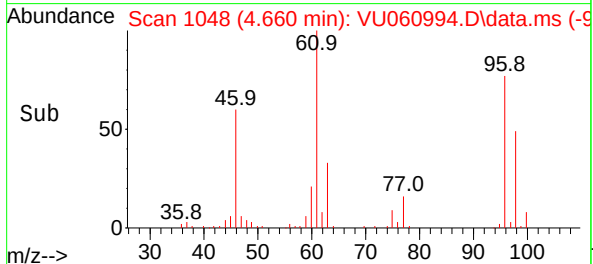
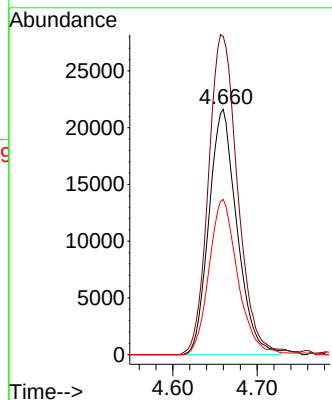
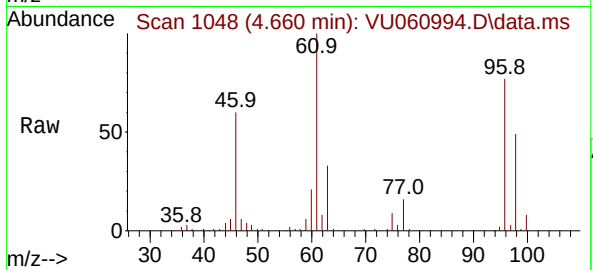




#22
 cis-1,2-Dichloroethene
 Concen: 5.299 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.000 min
 Lab File: VU060994.D
 Acq: 24 Sep 2024 15:02

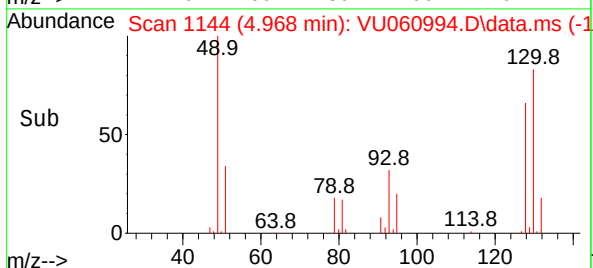
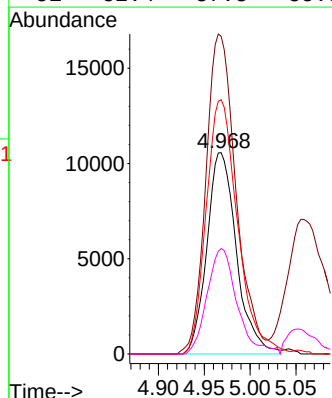
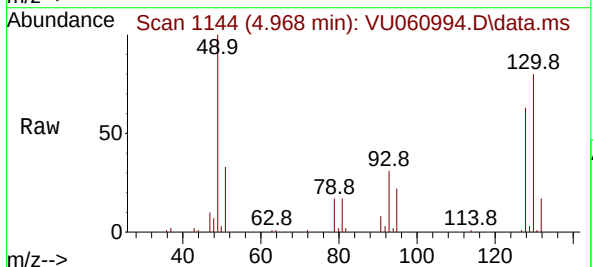
Instrument :
 MSVOA_U
 ClientSampleId :

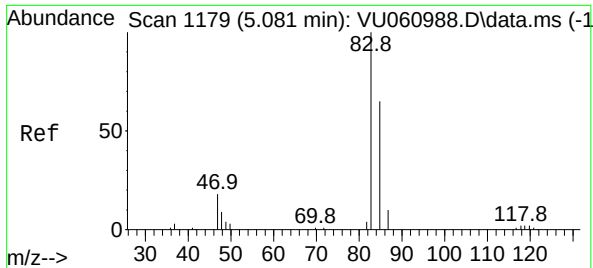
Tgt Ion:	96	Resp:	50106
Ion	Ratio	Lower	Upper
96	100		
61	129.7	89.7	166.5
98	63.3	45.1	83.9



#23
 Bromochloromethane
 Concen: 5.297 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. 0.000 min
 Lab File: VU060994.D
 Acq: 24 Sep 2024 15:02

Tgt Ion:	128	Resp:	23658
Ion	Ratio	Lower	Upper
128	100		
49	162.9	109.6	203.6
130	126.3	87.8	163.0
51	52.4	37.3	55.9

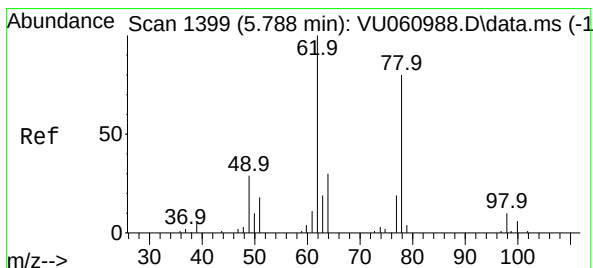
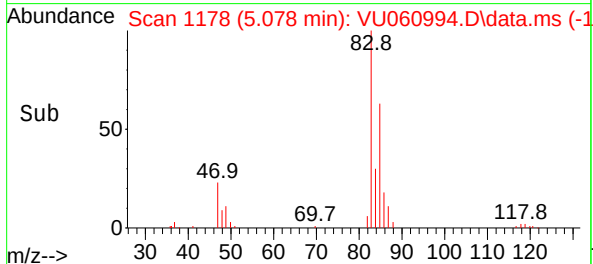
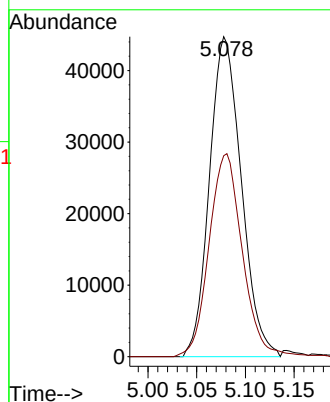
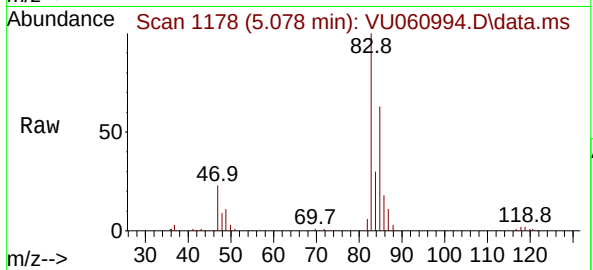




#25
Chloroform
Concen: 5.691 ug/L
RT: 5.078 min Scan# 1179
Delta R.T. -0.003 min
Lab File: VU060994.D
Acq: 24 Sep 2024 15:02

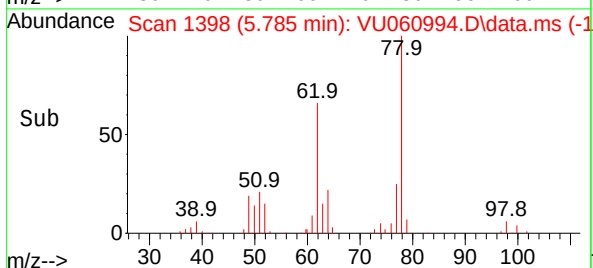
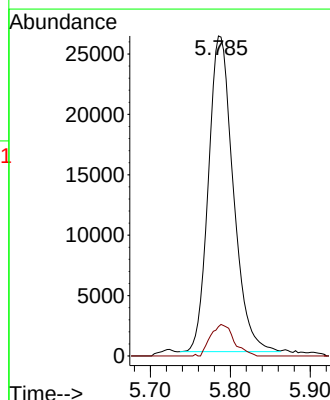
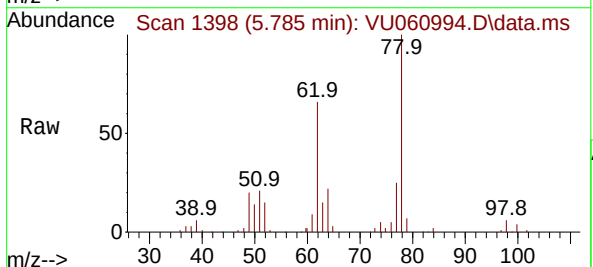
Instrument :
MSVOA_U
ClientSampleId :

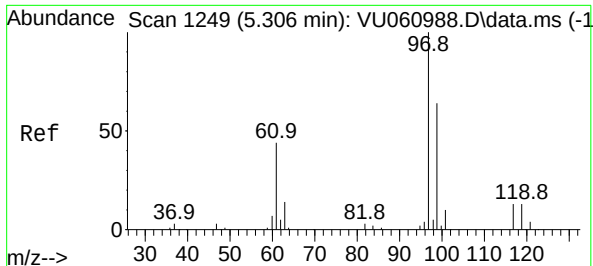
Tgt Ion: 83 Resp: 101807
Ion Ratio Lower Upper
83 100
85 62.8 46.8 86.8



#27
1,2-Dichloroethane
Concen: 5.441 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. -0.003 min
Lab File: VU060994.D
Acq: 24 Sep 2024 15:02

Tgt Ion: 62 Resp: 56394
Ion Ratio Lower Upper
62 100
98 9.2 8.2 12.4

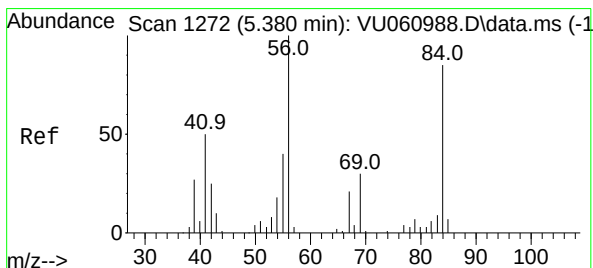
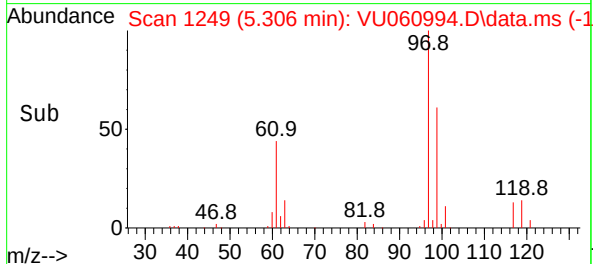
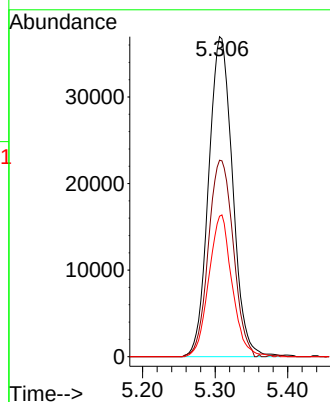
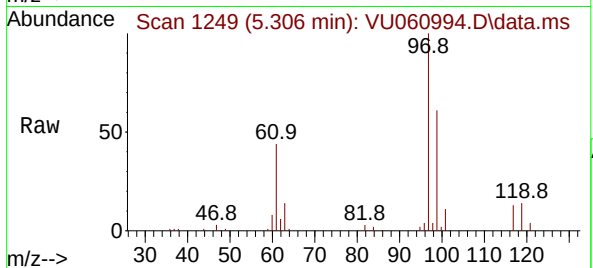




#29
1,1,1-Trichloroethane
Concen: 5.778 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU060994.D
Acq: 24 Sep 2024 15:02

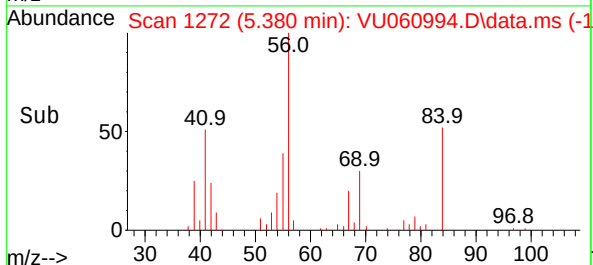
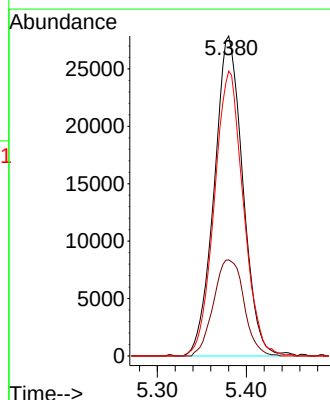
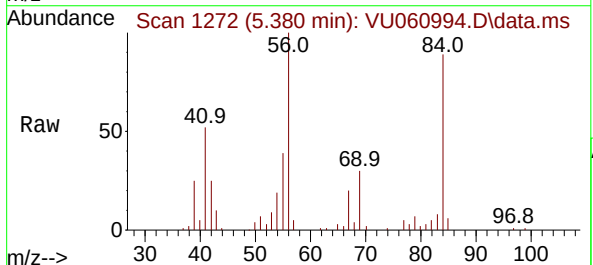
Instrument :
MSVOA_U
ClientSampleId :

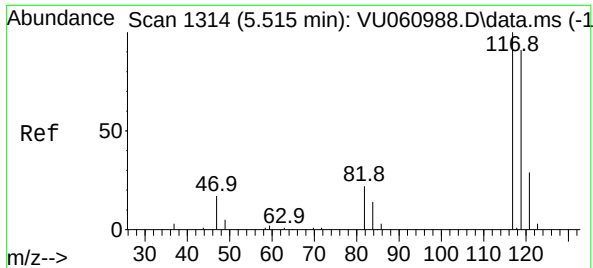
Tgt Ion: 97 Resp: 84834
Ion Ratio Lower Upper
97 100
99 63.7 50.5 75.7
61 43.1 34.4 51.6



#30
Cyclohexane
Concen: 5.143 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU060994.D
Acq: 24 Sep 2024 15:02

Tgt Ion: 56 Resp: 62072
Ion Ratio Lower Upper
56 100
69 31.9 25.4 38.0
84 90.4 71.0 106.6

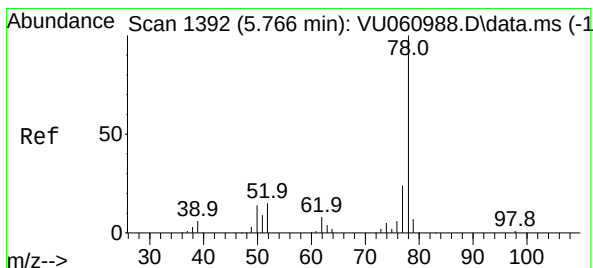
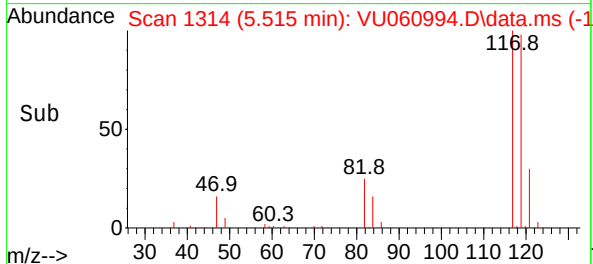
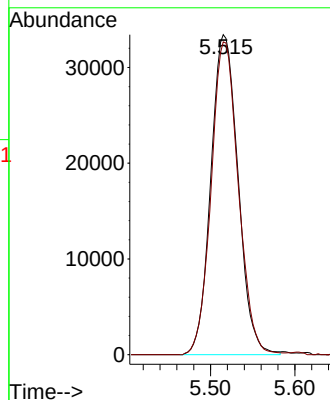
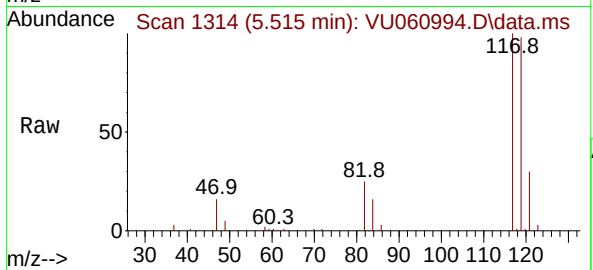




#31
Carbon tetrachloride
Concen: 5.769 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU060994.D
Acq: 24 Sep 2024 15:02

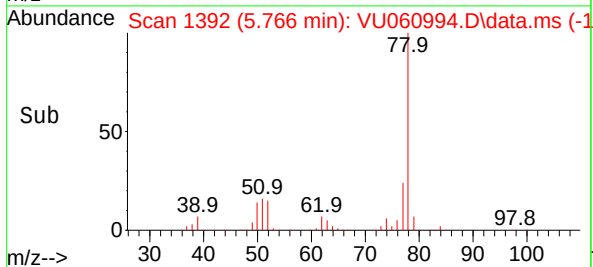
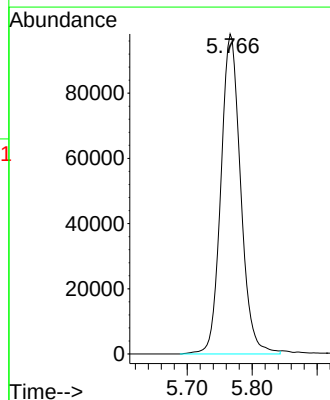
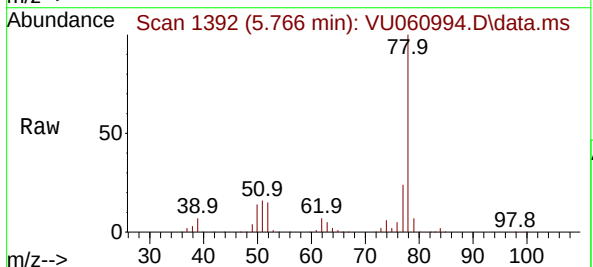
Instrument :
MSVOA_U
ClientSampleId :

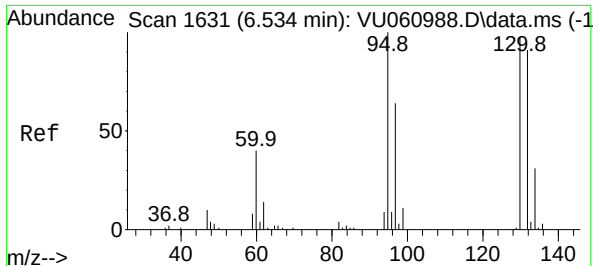
Tgt Ion:117 Resp: 74991
Ion Ratio Lower Upper
117 100
119 97.6 76.3 114.5



#33
Benzene
Concen: 5.533 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU060994.D
Acq: 24 Sep 2024 15:02

Tgt Ion: 78 Resp: 206910

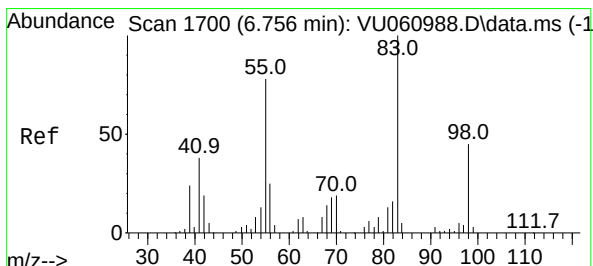
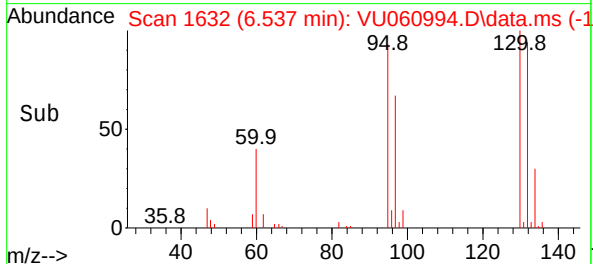
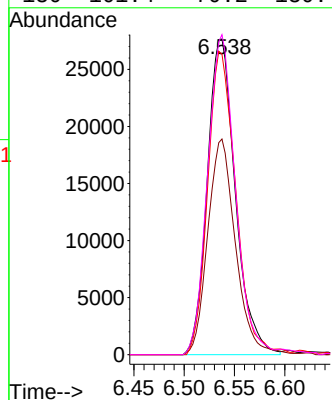
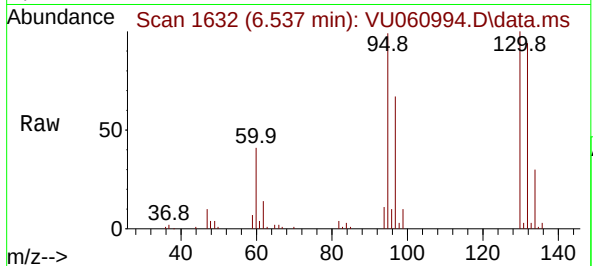




#34
Trichloroethene
Concen: 5.480 ug/L
RT: 6.537 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU060994.D
Acq: 24 Sep 2024 15:02

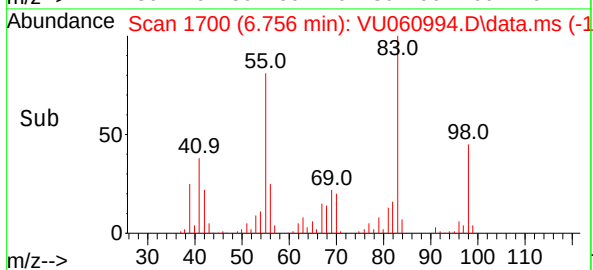
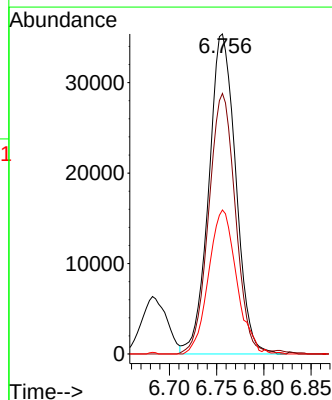
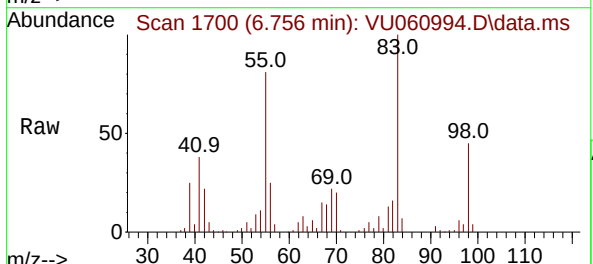
Instrument :
MSVOA_U
ClientSampleId :

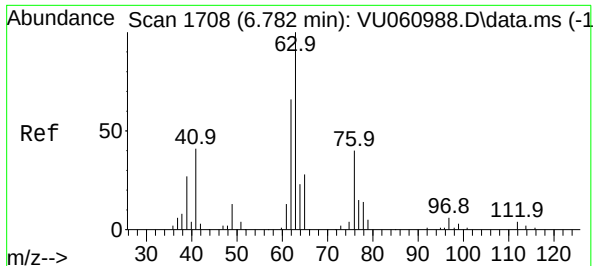
Tgt Ion: 95 Resp: 53721
Ion Ratio Lower Upper
95 100
97 68.3 44.9 83.5
132 95.2 63.5 117.9
130 101.4 70.2 130.4



#35
Methylcyclohexane
Concen: 5.224 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VU060994.D
Acq: 24 Sep 2024 15:02

Tgt Ion: 83 Resp: 70263
Ion Ratio Lower Upper
83 100
55 80.4 62.6 94.0
98 46.7 37.6 56.4

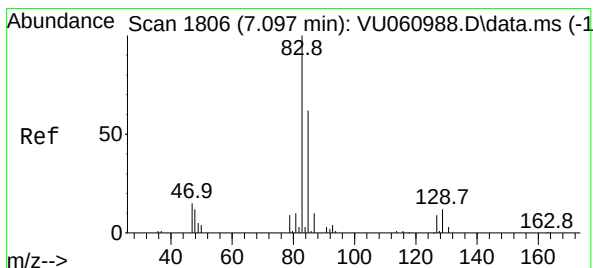
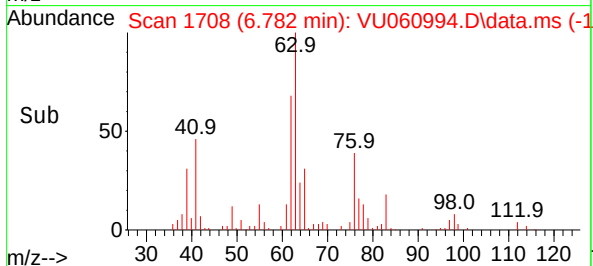
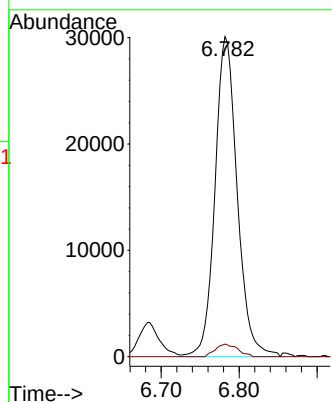
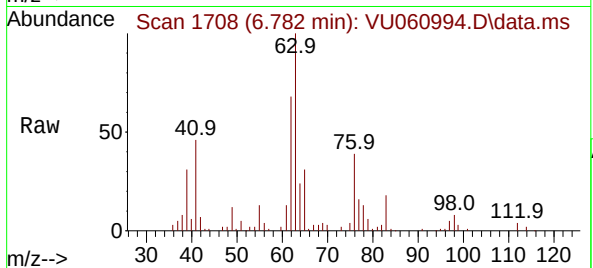




#37
1,2-Dichloropropane
Concen: 5.787 ug/L
RT: 6.782 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU060994.D
Acq: 24 Sep 2024 15:02

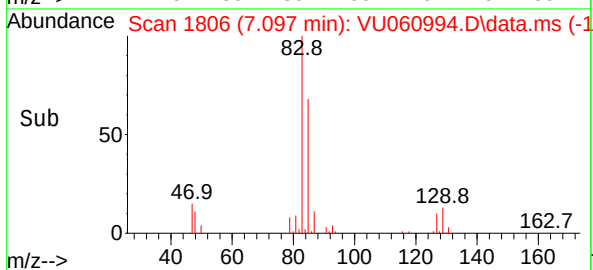
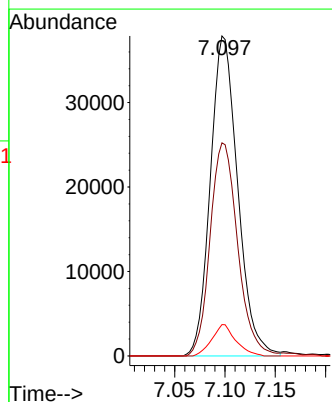
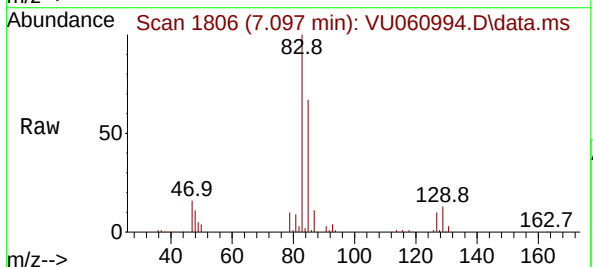
Instrument :
MSVOA_U
ClientSampleId :

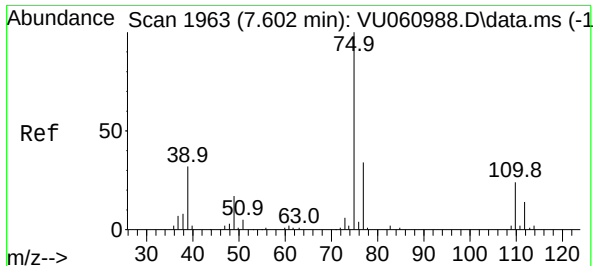
Tgt Ion: 63 Resp: 59636
Ion Ratio Lower Upper
63 100
112 3.9 2.0 3.0#



#38
Bromodichloromethane
Concen: 5.680 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU060994.D
Acq: 24 Sep 2024 15:02

Tgt Ion: 83 Resp: 71798
Ion Ratio Lower Upper
83 100
85 66.6 45.6 84.8
127 9.8 7.0 10.6

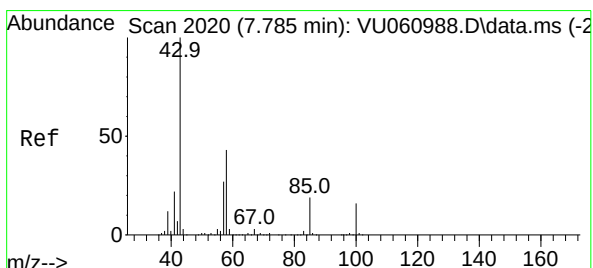
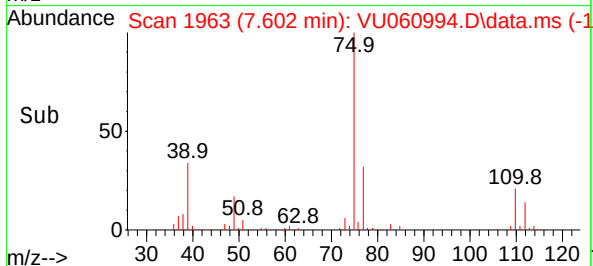
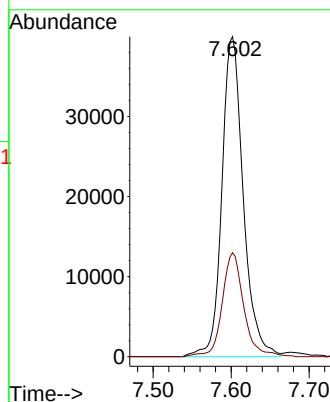
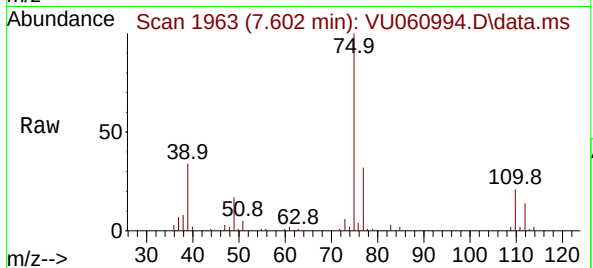




#39
 cis-1,3-Dichloropropene
 Concen: 5.570 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU060994.D
 Acq: 24 Sep 2024 15:02

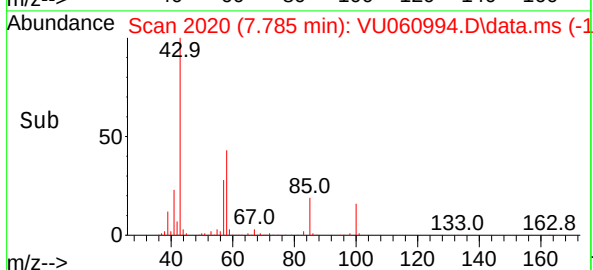
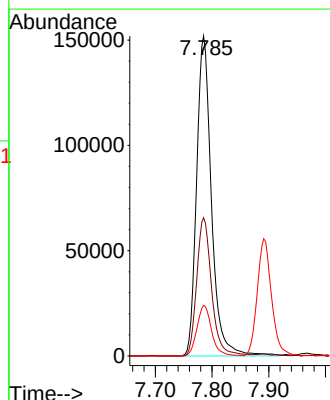
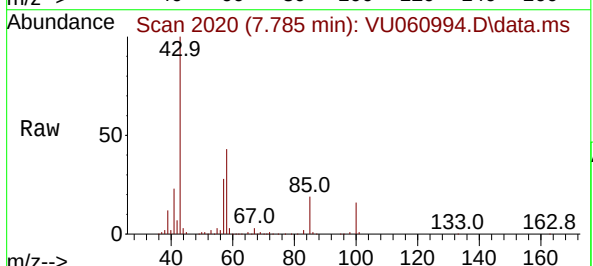
Instrument :
 MSVOA_U
 ClientSampleId :

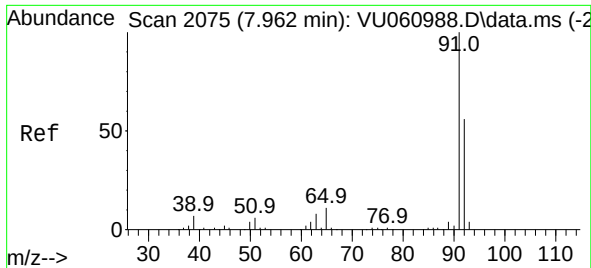
Tgt Ion: 75 Resp: 76339
 Ion Ratio Lower Upper
 75 100
 77 32.5 21.3 39.5



#40
 4-Methyl-2-pentanone
 Concen: 57.506 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. 0.000 min
 Lab File: VU060994.D
 Acq: 24 Sep 2024 15:02

Tgt Ion: 43 Resp: 276723
 Ion Ratio Lower Upper
 43 100
 58 43.2 34.9 52.3
 100 15.6 13.4 20.0

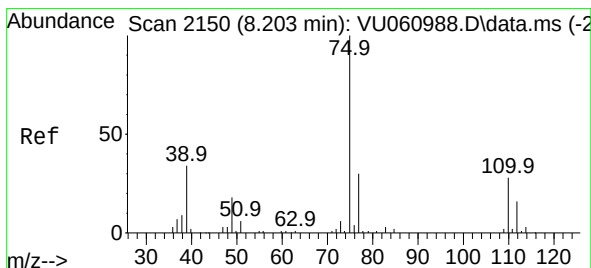
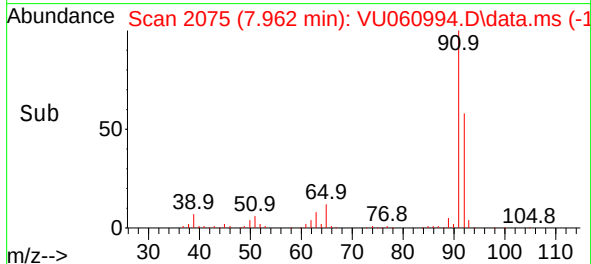
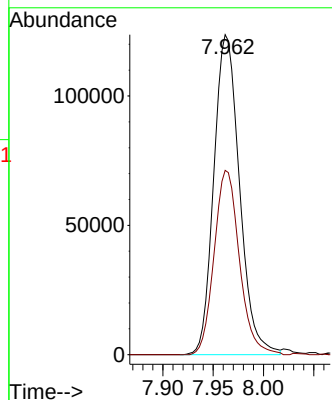
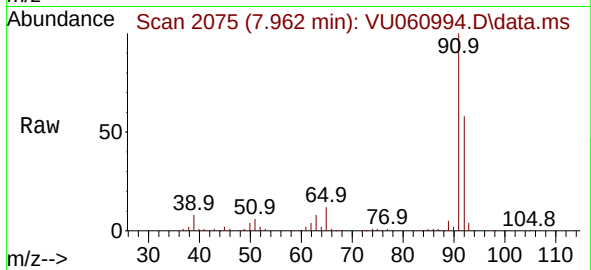




#42
Toluene
Concen: 5.631 ug/L
RT: 7.962 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VU060994.D
Acq: 24 Sep 2024 15:02

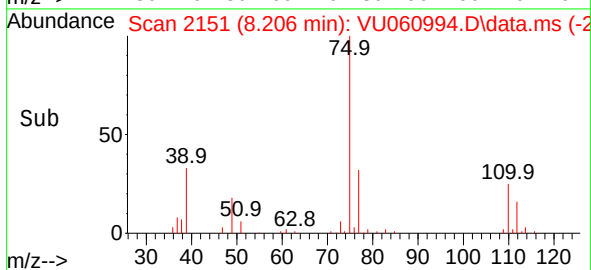
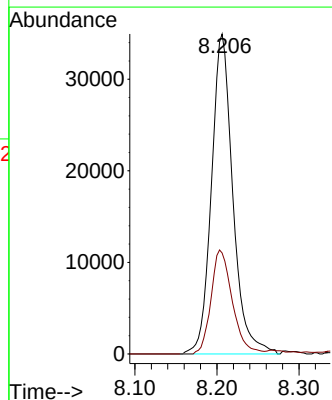
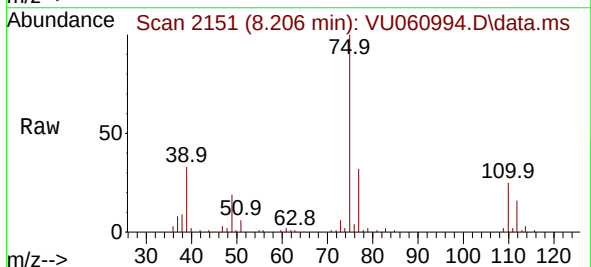
Instrument :
MSVOA_U
ClientSampleId :

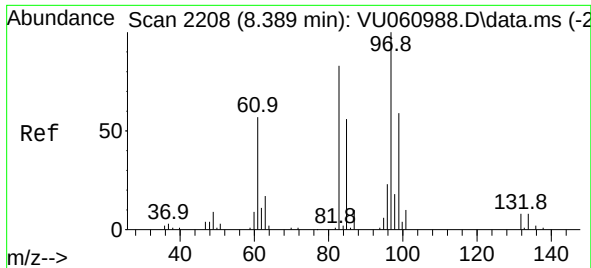
Tgt Ion: 91 Resp: 220178
Ion Ratio Lower Upper
91 100
92 57.6 40.5 75.3



#44
trans-1,3-Dichloropropene
Concen: 5.620 ug/L
RT: 8.206 min Scan# 2151
Delta R.T. 0.003 min
Lab File: VU060994.D
Acq: 24 Sep 2024 15:02

Tgt Ion: 75 Resp: 63343
Ion Ratio Lower Upper
75 100
77 31.5 23.1 42.9

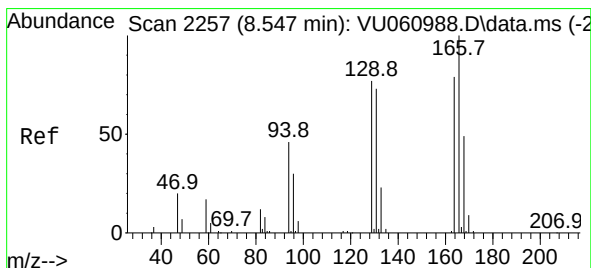
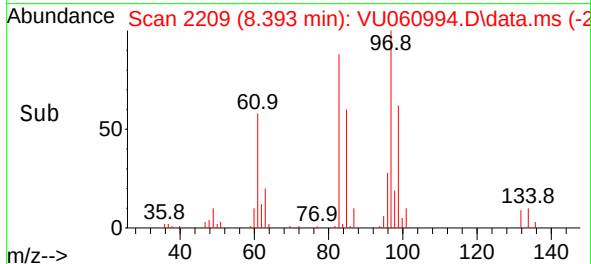
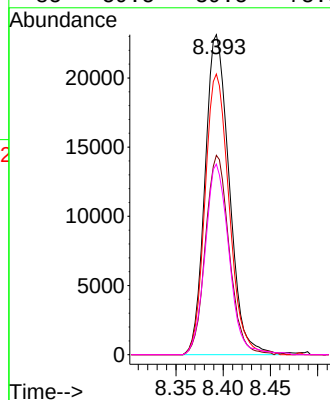
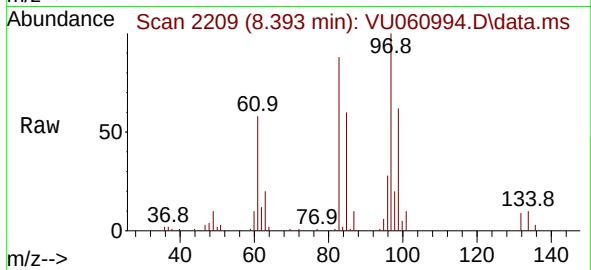




#45
1,1,2-Trichloroethane
Concen: 5.543 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VU060994.D
Acq: 24 Sep 2024 15:02

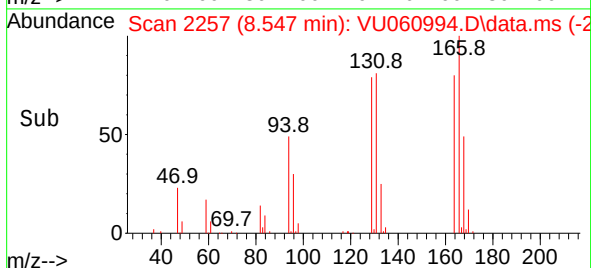
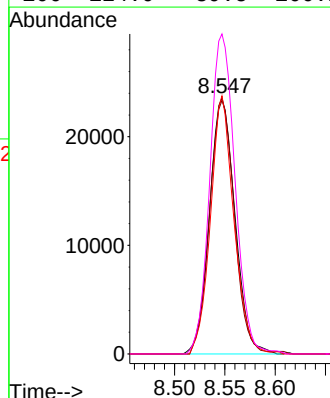
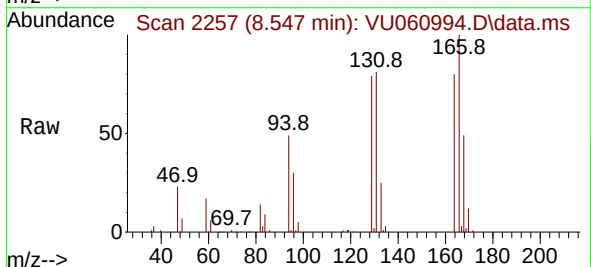
Instrument :
MSVOA_U
ClientSampleId :

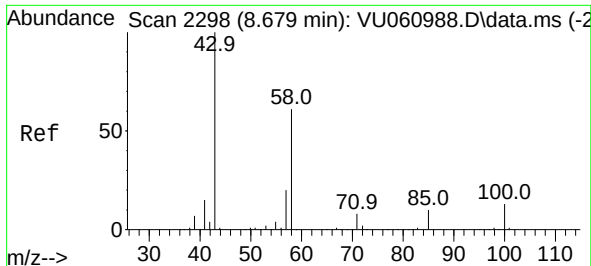
Tgt Ion: 97	Resp: 41238
Ion Ratio	Lower Upper
97 100	
99 62.3	42.3 78.5
83 87.7	61.7 114.5
85 59.5	39.5 73.3



#47
Tetrachloroethene
Concen: 5.297 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU060994.D
Acq: 24 Sep 2024 15:02

Tgt	Ion:164	Resp:	41264
Ion	Ratio	Lower	Upper
164	100		
129	98.9	67.3	124.9
131	100.7	65.4	121.4
166	124.9	89.5	166.1



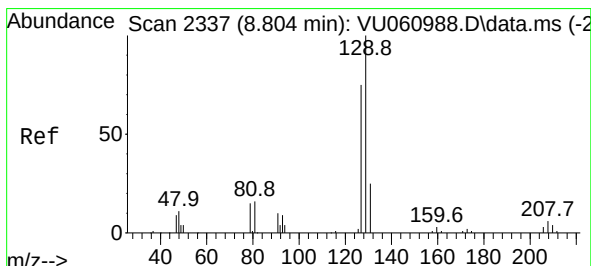
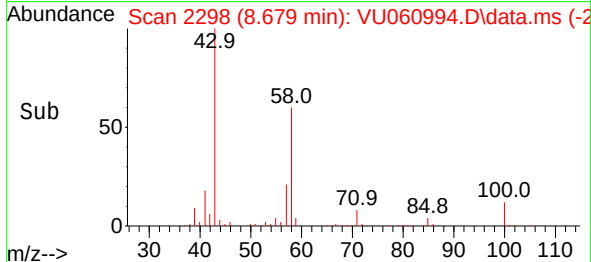
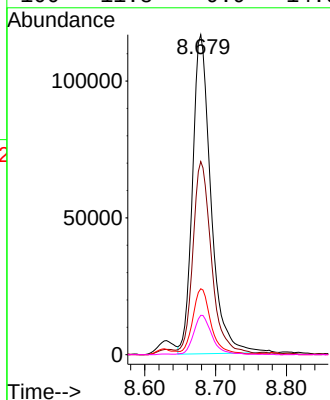
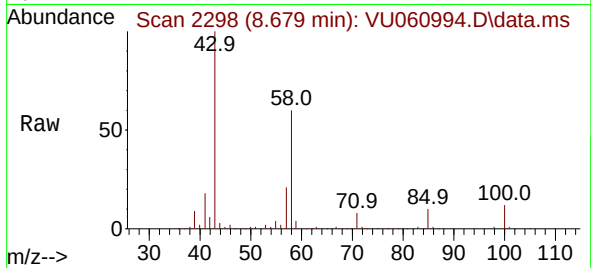


#48
2-Hexanone
Concen: 60.302 ug/L
RT: 8.679 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VU060994.D
Acq: 24 Sep 2024 15:02

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 211514

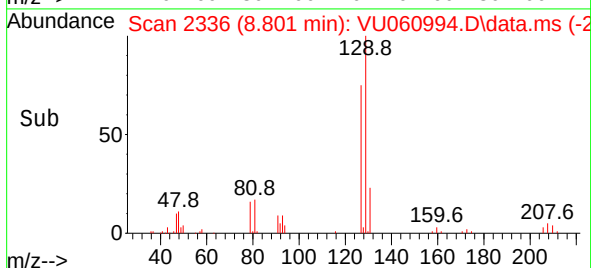
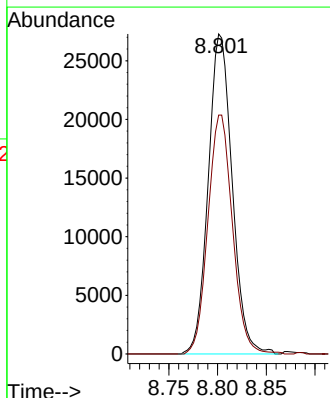
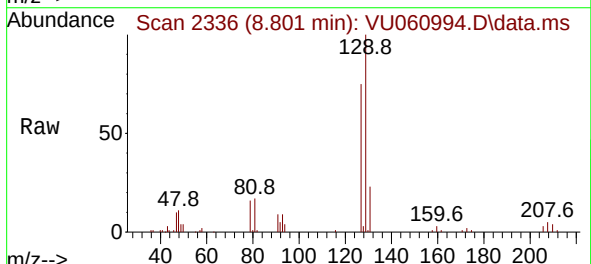
Ion	Ratio	Lower	Upper
43	100		
58	59.9	48.3	72.5
57	19.9	15.9	23.9
100	11.8	9.9	14.9

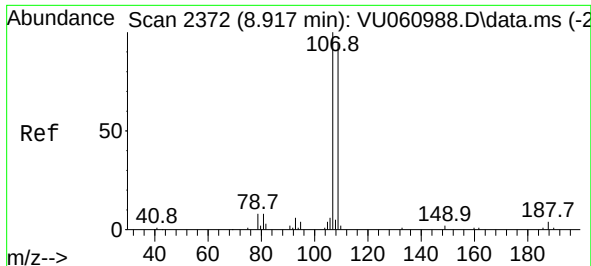


#49
Dibromochloromethane
Concen: 5.512 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.003 min
Lab File: VU060994.D
Acq: 24 Sep 2024 15:02

Tgt Ion: 129 Resp: 46683

Ion	Ratio	Lower	Upper
129	100		
127	74.6	56.1	104.1





#50

1,2-Dibromoethane

Concen: 5.566 ug/L

RT: 8.917 min Scan# 2372

Delta R.T. 0.000 min

Lab File: VU060994.D

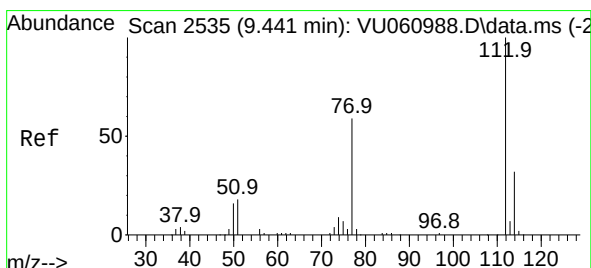
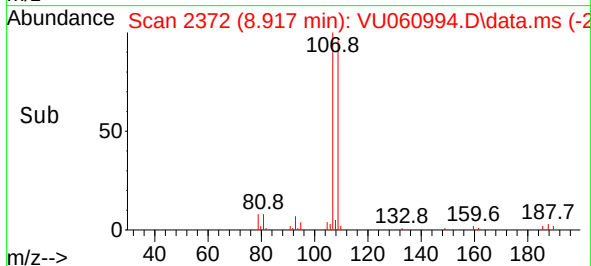
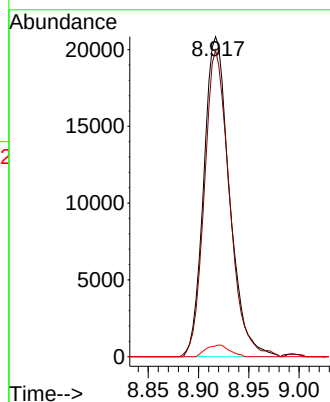
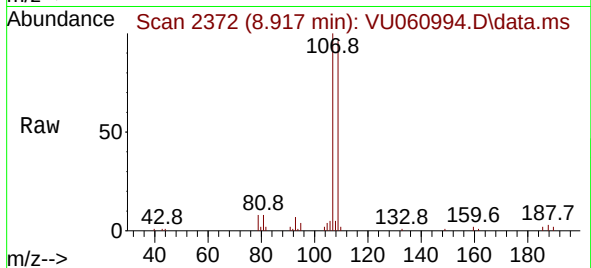
Acq: 24 Sep 2024 15:02

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	36954
Ion	Ratio	Lower	Upper
107	100		
109	95.8	66.8	124.0
188	3.3	3.4	5.0#



#51

Chlorobenzene

Concen: 5.428 ug/L

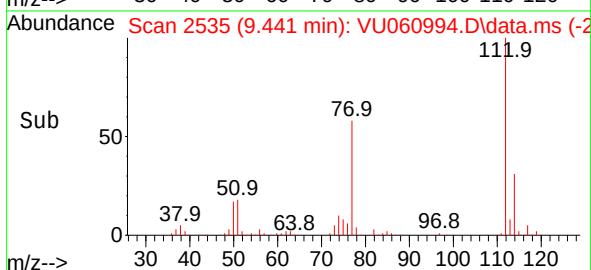
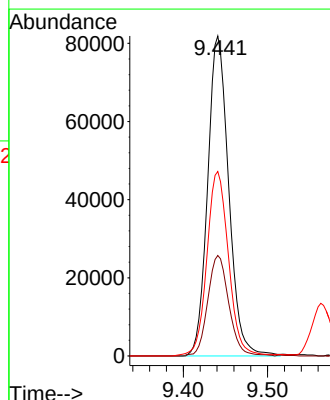
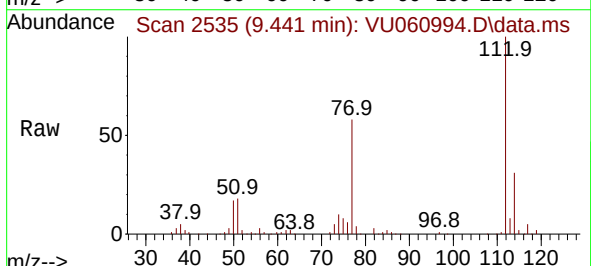
RT: 9.441 min Scan# 2535

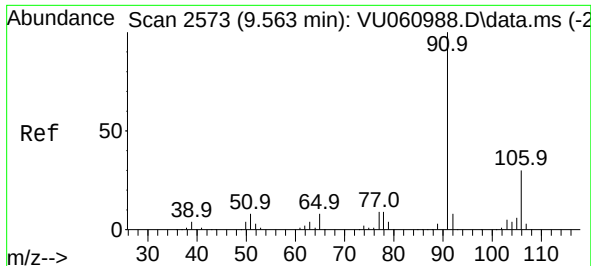
Delta R.T. 0.000 min

Lab File: VU060994.D

Acq: 24 Sep 2024 15:02

Tgt Ion:	112	Resp:	142523
Ion	Ratio	Lower	Upper
112	100		
114	31.4	22.2	41.2
77	57.6	46.1	69.1





#52

Ethylbenzene

Concen: 5.527 ug/L

RT: 9.563 min Scan# 2573

Delta R.T. 0.000 min

Lab File: VU060994.D

Acq: 24 Sep 2024 15:02

Instrument :

MSVOA_U

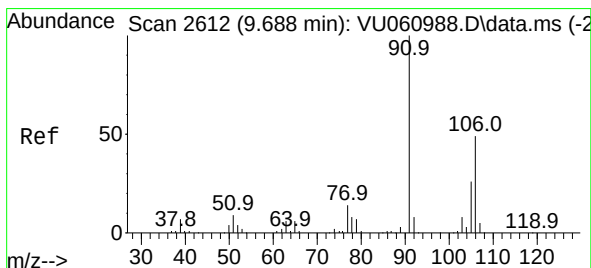
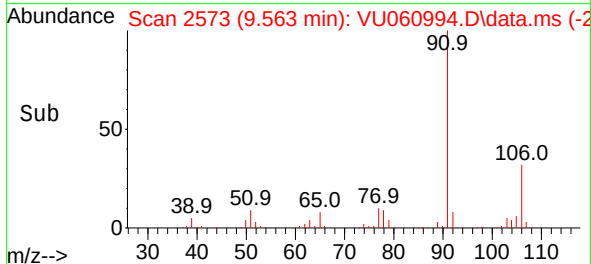
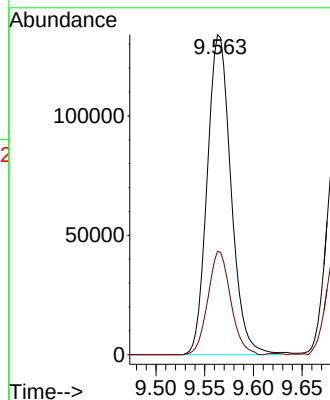
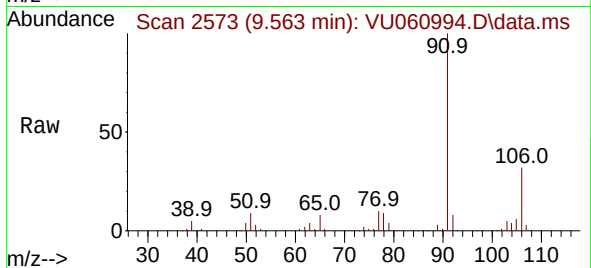
ClientSampleId :

Tgt Ion: 91 Resp: 227508

Ion Ratio Lower Upper

91 100

106 32.3 21.8 40.6



#53

m,p-Xylene

Concen: 5.673 ug/L

RT: 9.688 min Scan# 2612

Delta R.T. 0.000 min

Lab File: VU060994.D

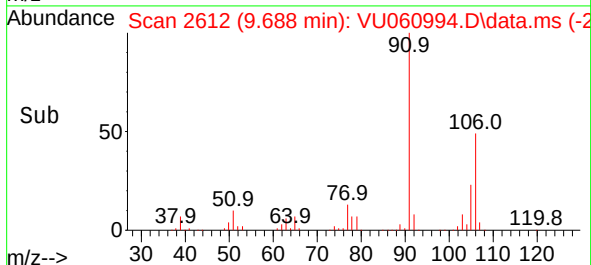
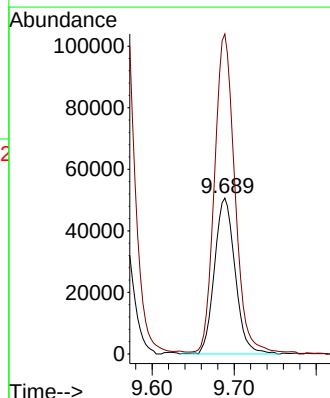
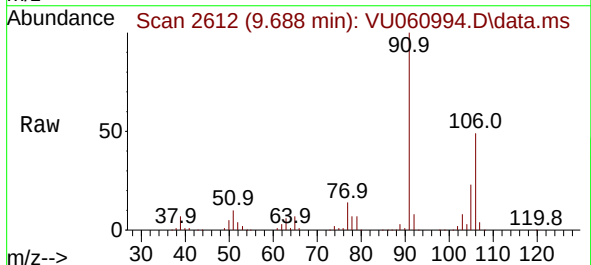
Acq: 24 Sep 2024 15:02

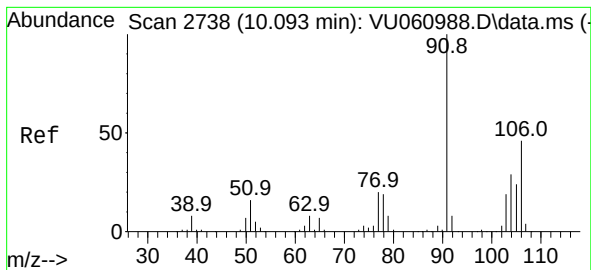
Tgt Ion: 106 Resp: 88541

Ion Ratio Lower Upper

106 100

91 205.3 139.7 259.4





#54

o-Xylene

Concen: 5.494 ug/L

RT: 10.094 min Scan# 2738

Delta R.T. 0.000 min

Lab File: VU060994.D

Acq: 24 Sep 2024 15:02

Instrument :

MSVOA_U

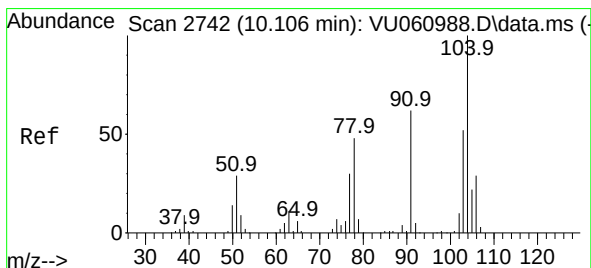
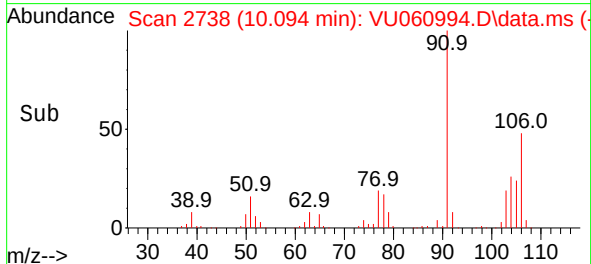
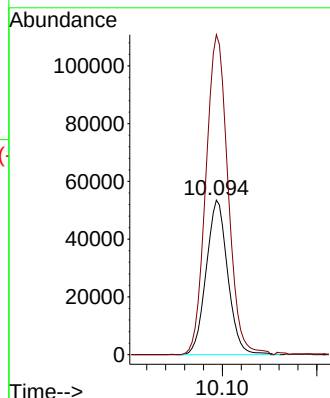
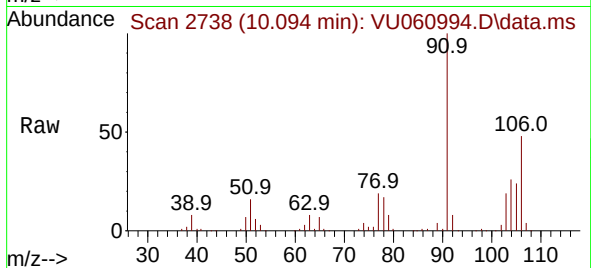
ClientSampleId :

Tgt Ion:106 Resp: 84624

Ion Ratio Lower Upper

106 100

91 207.0 148.6 276.0



#55

Styrene

Concen: 5.538 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. 0.003 min

Lab File: VU060994.D

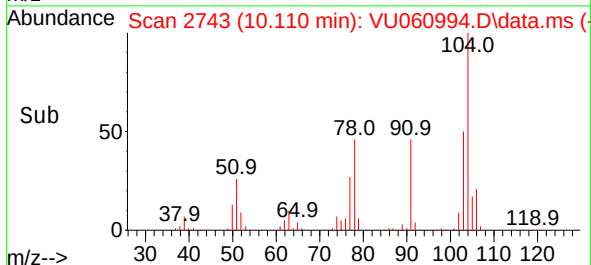
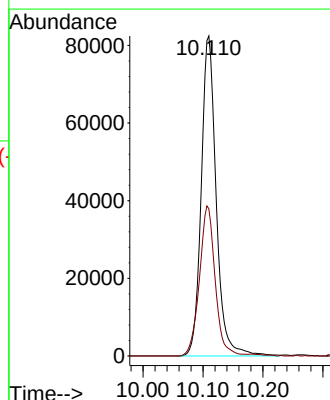
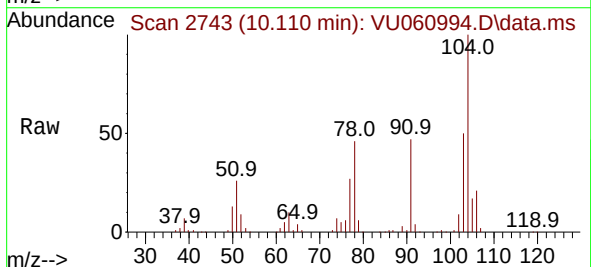
Acq: 24 Sep 2024 15:02

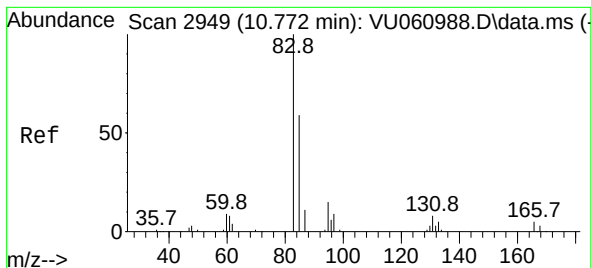
Tgt Ion:104 Resp: 143766

Ion Ratio Lower Upper

104 100

78 46.0 31.7 58.9





#57

1,1,2,2-Tetrachloroethane

Concen: 5.519 ug/L

RT: 10.775 min Scan# 2949

Delta R.T. 0.003 min

Lab File: VU060994.D

Acq: 24 Sep 2024 15:02

Instrument :

MSVOA_U

ClientSampleId :

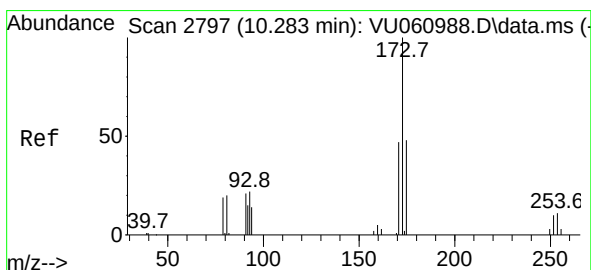
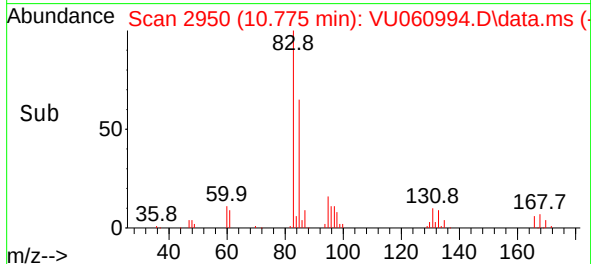
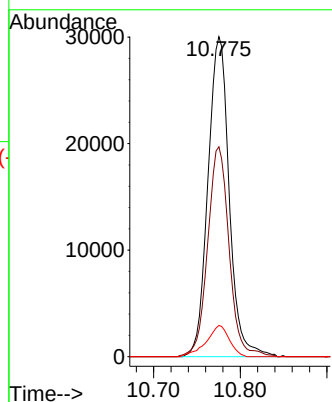
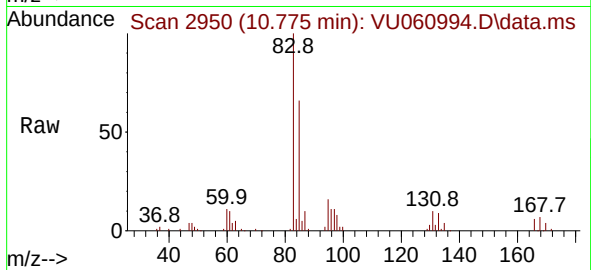
Tgt Ion: 83 Resp: 51210

Ion Ratio Lower Upper

83 100

85 65.6 42.9 79.7

131 9.8 8.4 12.6



#59

Bromoform

Concen: 5.146 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU060994.D

Acq: 24 Sep 2024 15:02

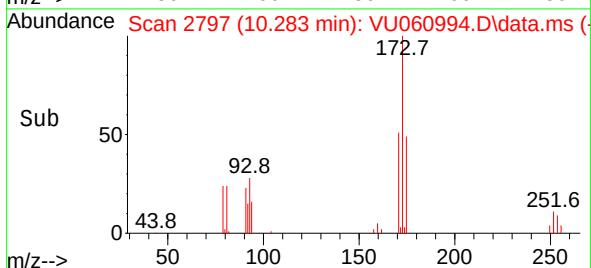
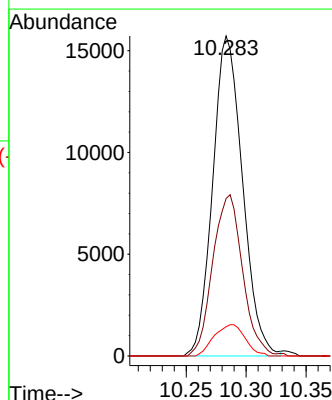
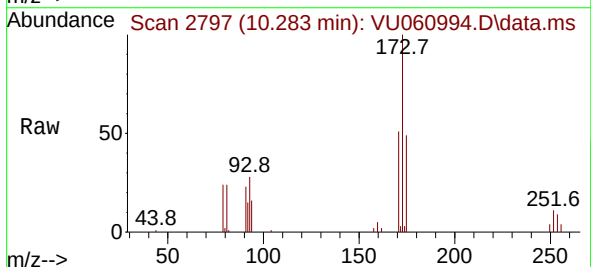
Tgt Ion:173 Resp: 27139

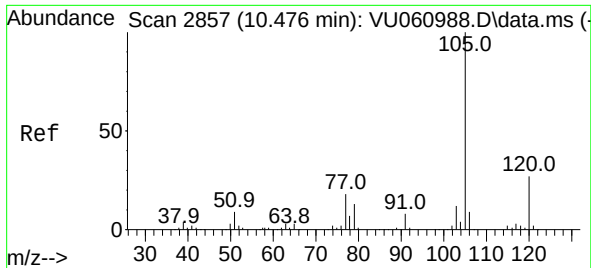
Ion Ratio Lower Upper

173 100

175 50.5 39.1 58.7

254 10.2 8.7 13.1

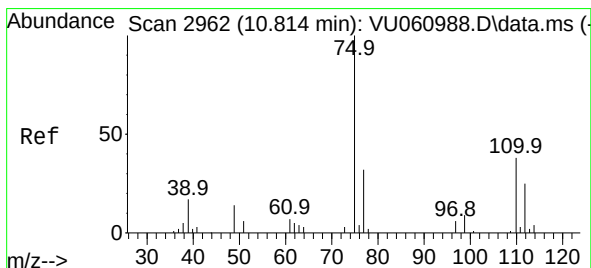
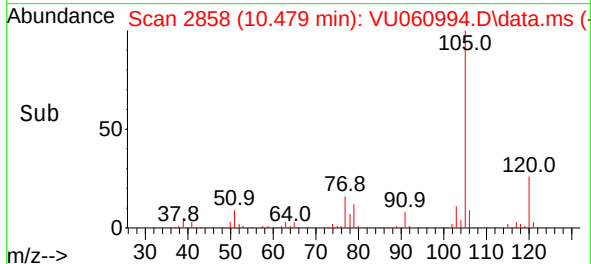
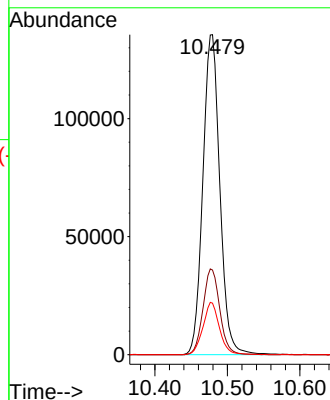
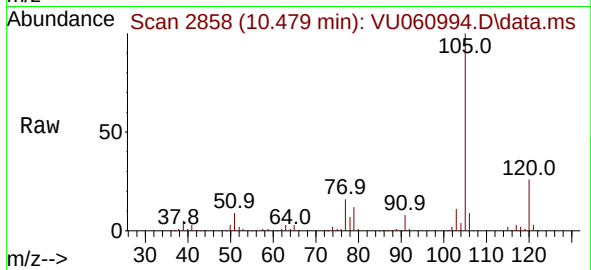




#60
Isopropylbenzene
Concen: 5.319 ug/L
RT: 10.479 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU060994.D
Acq: 24 Sep 2024 15:02

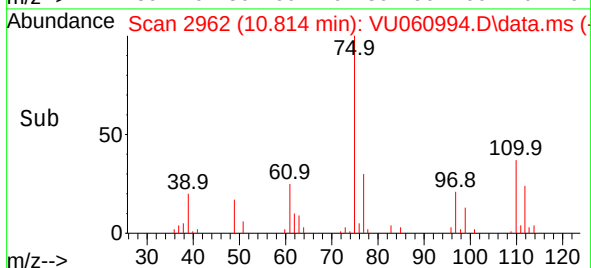
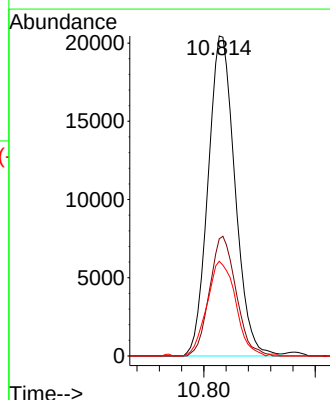
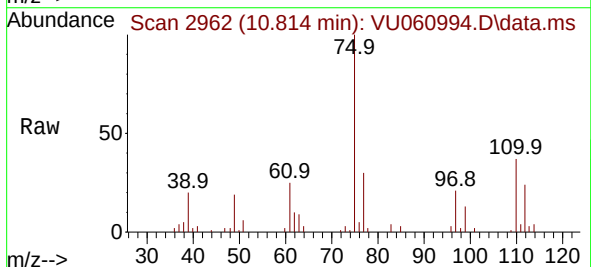
Instrument :
MSVOA_U
ClientSampleId :

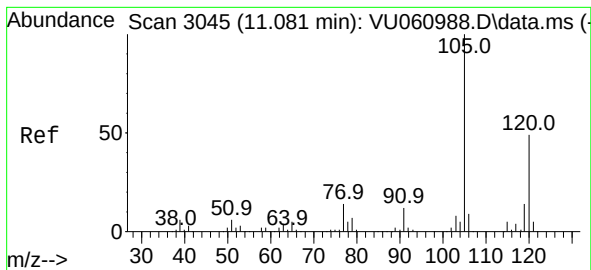
Tgt Ion:105 Resp: 220555
Ion Ratio Lower Upper
105 100
120 26.4 21.5 32.3
77 15.9 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 5.249 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. 0.000 min
Lab File: VU060994.D
Acq: 24 Sep 2024 15:02

Tgt Ion: 75 Resp: 34258
Ion Ratio Lower Upper
75 100
110 36.9 28.6 43.0
77 31.4 26.3 39.5





#62

1,3,5-Trimethylbenzene

Concen: 5.186 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU060994.D

Acq: 24 Sep 2024 15:02

Instrument :

MSVOA_U

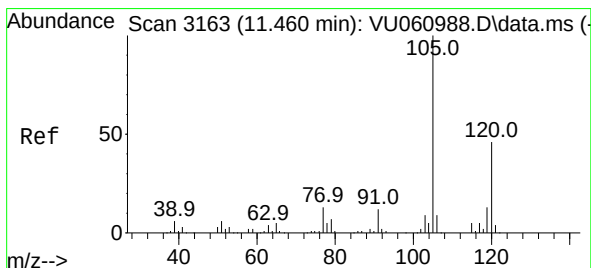
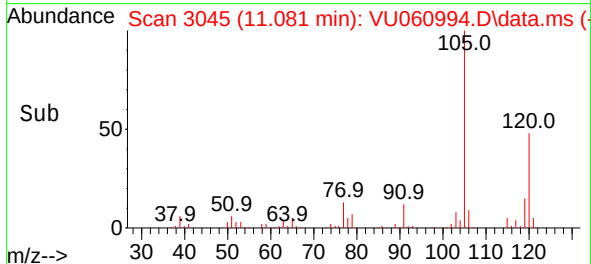
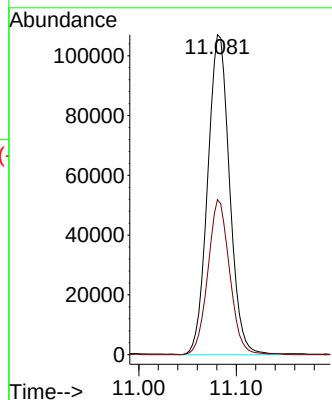
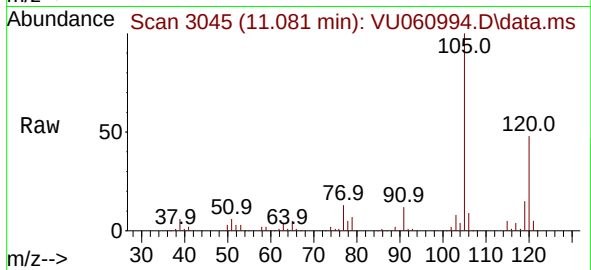
ClientSampleId :

Tgt Ion:105 Resp: 167138

Ion Ratio Lower Upper

105 100

120 48.0 38.5 57.7



#63

1,2,4-Trimethylbenzene

Concen: 5.223 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VU060994.D

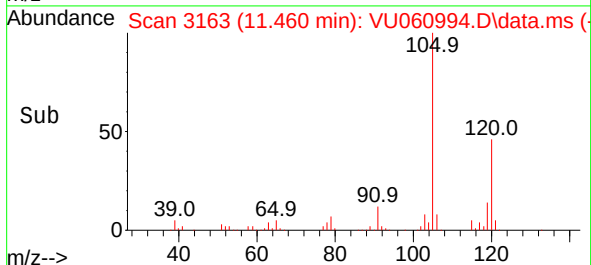
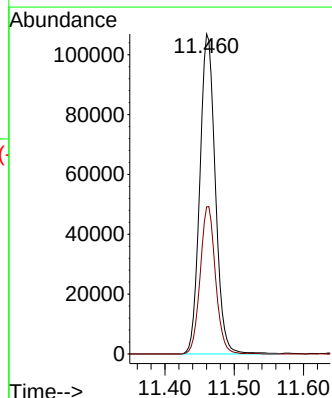
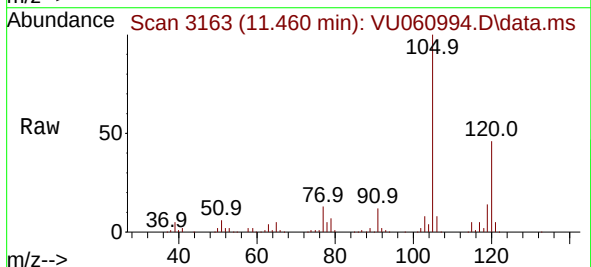
Acq: 24 Sep 2024 15:02

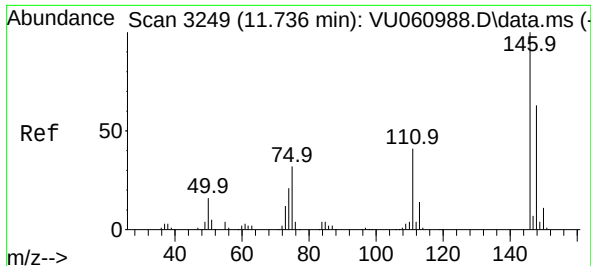
Tgt Ion:105 Resp: 166322

Ion Ratio Lower Upper

105 100

120 45.6 36.1 54.1





#64

1,3-Dichlorobenzene

Concen: 5.415 ug/L

RT: 11.740 min Scan# 3249

Delta R.T. 0.003 min

Lab File: VU060994.D

Acq: 24 Sep 2024 15:02

Instrument :

MSVOA_U

ClientSampleId :

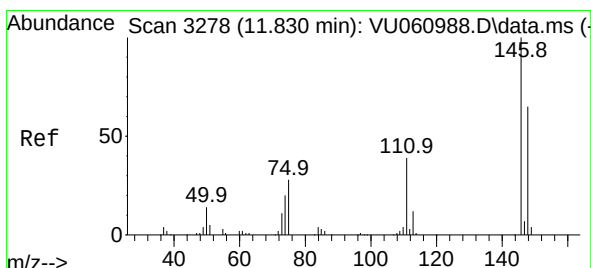
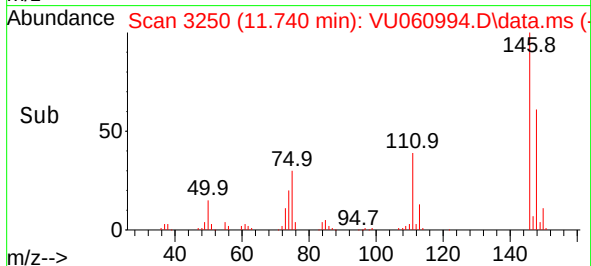
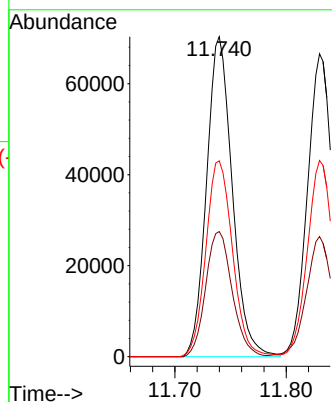
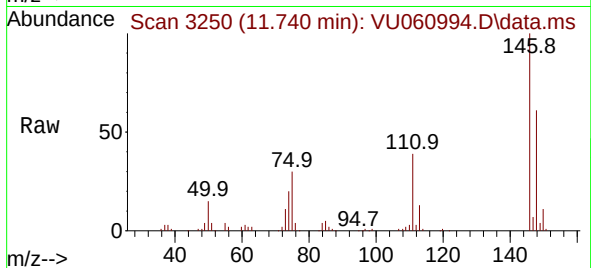
Tgt Ion:146 Resp: 112910

Ion Ratio Lower Upper

146 100

111 39.1 27.5 51.1

148 61.2 43.7 81.1



#65

1,4-Dichlorobenzene

Concen: 5.013 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VU060994.D

Acq: 24 Sep 2024 15:02

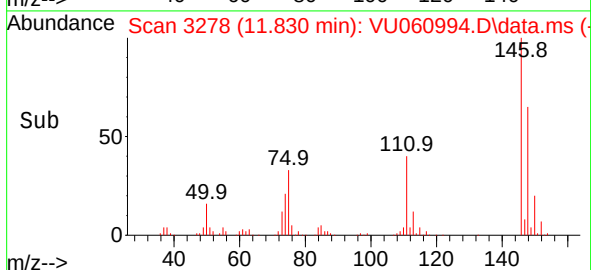
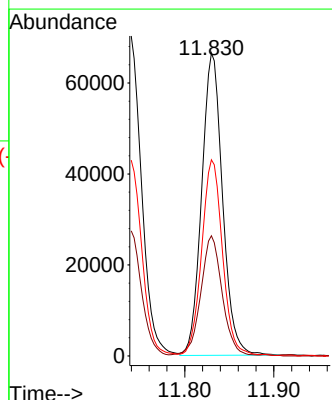
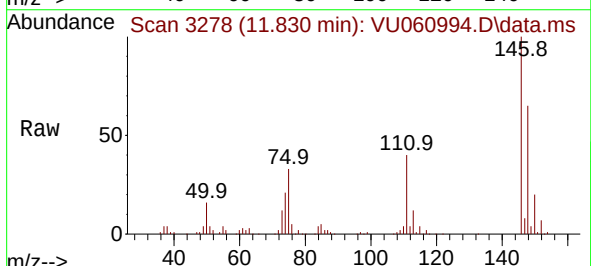
Tgt Ion:146 Resp: 108034

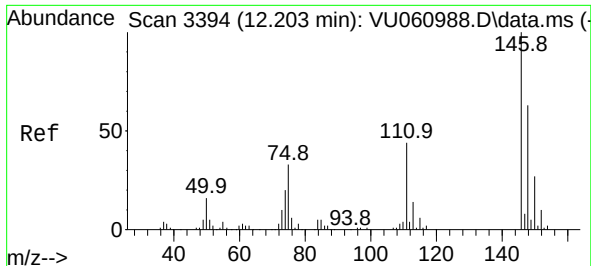
Ion Ratio Lower Upper

146 100

111 39.7 26.3 48.9

148 64.7 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 5.090 ug/L

RT: 12.206 min Scan# 3394

Delta R.T. 0.003 min

Lab File: VU060994.D

Acq: 24 Sep 2024 15:02

Instrument :

MSVOA_U

ClientSampleId :

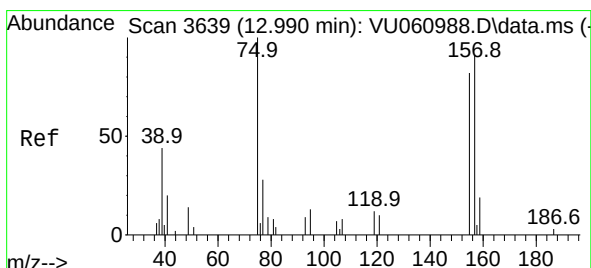
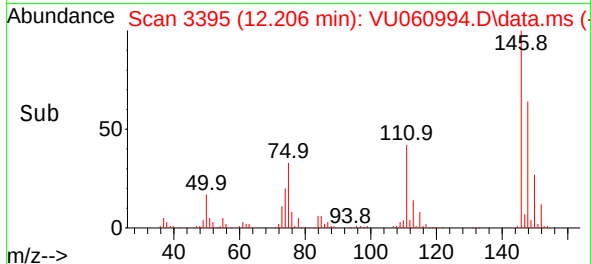
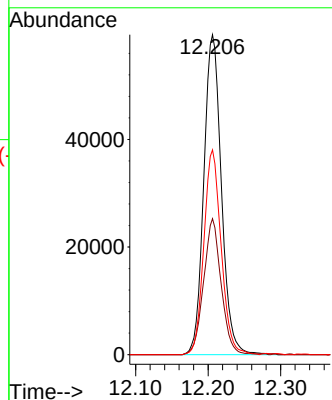
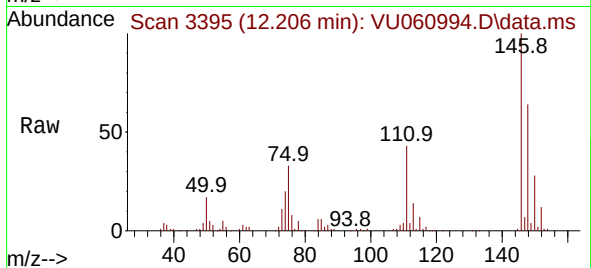
Tgt Ion:146 Resp: 100359

Ion Ratio Lower Upper

146 100

111 42.5 33.4 50.0

148 64.0 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 5.730 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU060994.D

Acq: 24 Sep 2024 15:02

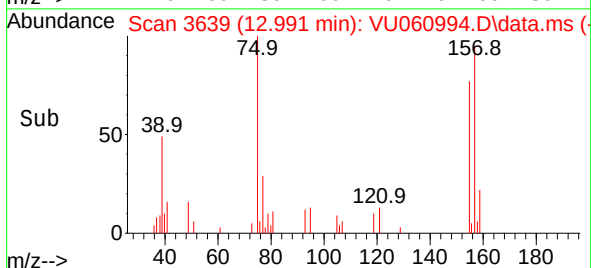
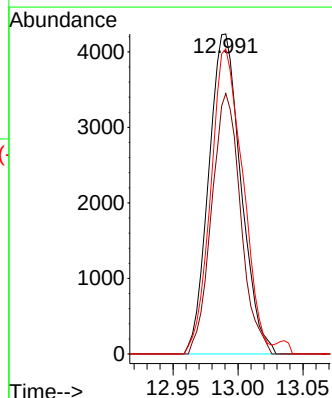
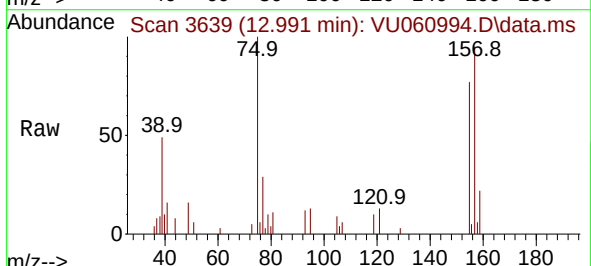
Tgt Ion: 75 Resp: 7302

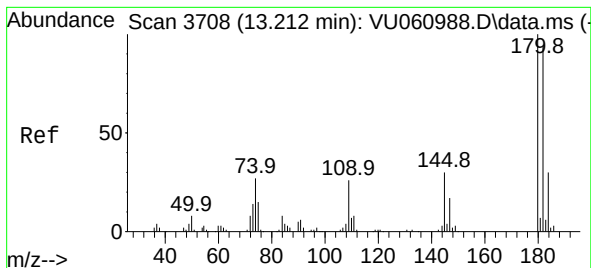
Ion Ratio Lower Upper

75 100

155 81.4 73.1 109.7

157 95.4 91.0 136.4





#69

1,3,5-Trichlorobenzene

Concen: 4.800 ug/L

RT: 13.212 min Scan# 3

Delta R.T. 0.000 min

Lab File: VU060994.D

Acq: 24 Sep 2024 15:02

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 74861

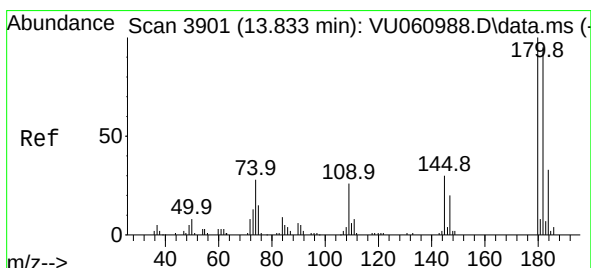
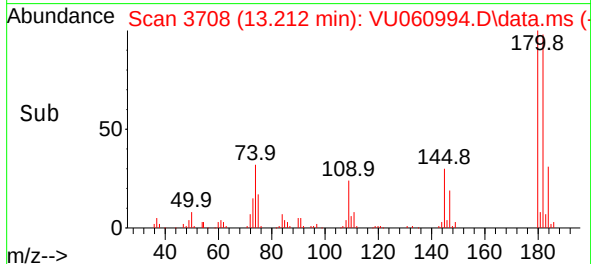
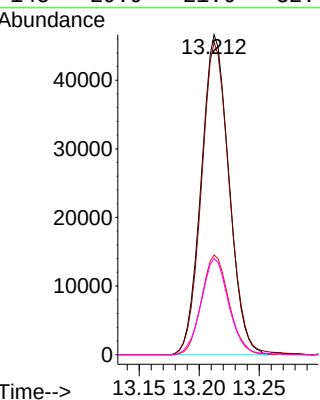
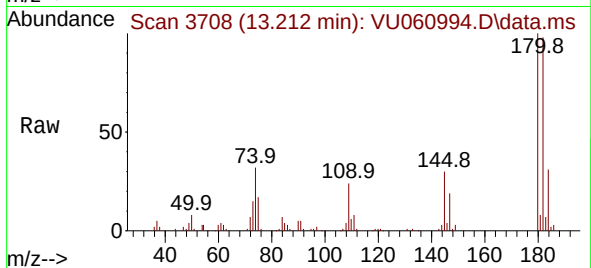
Ion Ratio Lower Upper

180 100

182 98.4 74.5 111.7

184 30.8 23.2 34.8

145 29.9 21.6 32.4



#70

1,2,4-trichlorobenzene

Concen: 4.787 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.003 min

Lab File: VU060994.D

Acq: 24 Sep 2024 15:02

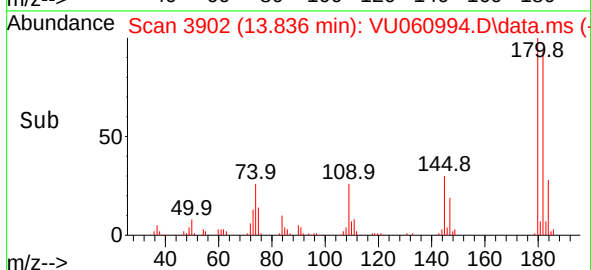
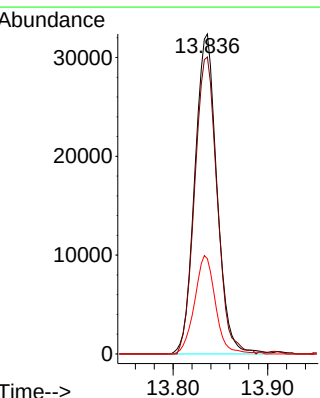
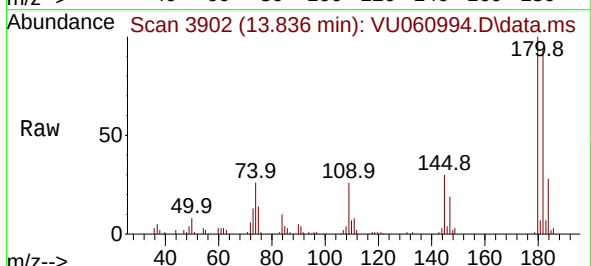
Tgt Ion:180 Resp: 52597

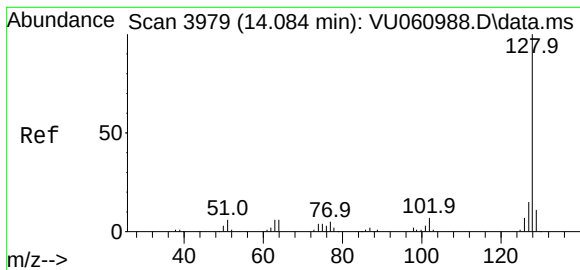
Ion Ratio Lower Upper

180 100

182 94.0 77.4 116.2

145 29.0 22.9 34.3

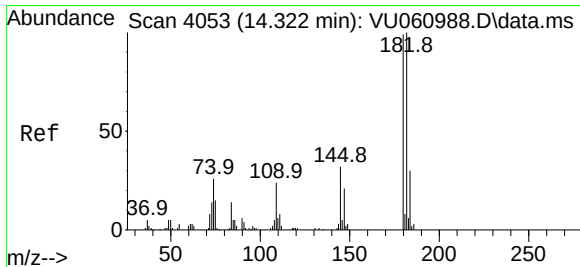
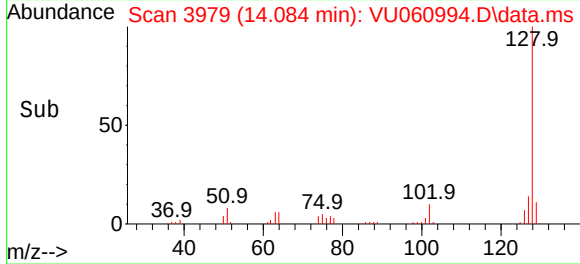
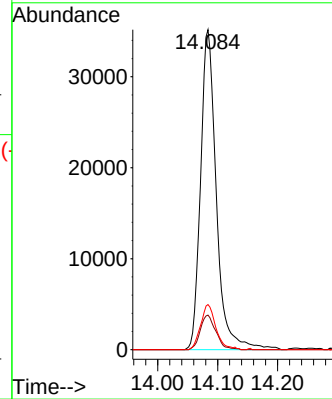
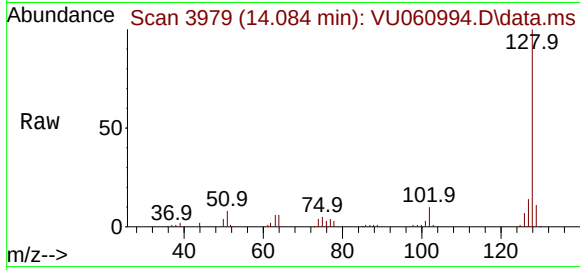




#71
Naphthalene
Concen: 4.449 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. 0.000 min
Lab File: VU060994.D
Acq: 24 Sep 2024 15:02

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 64463
Ion Ratio Lower Upper
128 100
129 10.7 8.3 12.5
127 13.7 10.7 16.1



#72
1,2,3-Trichlorobenzene
Concen: 4.656 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU060994.D
Acq: 24 Sep 2024 15:02

Tgt Ion:180 Resp: 44197
Ion Ratio Lower Upper
180 100
182 98.4 75.7 113.5
145 32.3 23.5 35.3

