

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
 Data File : VU060014.D
 Acq On : 18 Jul 2024 13:19
 Operator : MD/SY
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 19 01:26:50 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	160587	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	159837	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	84730	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	53435	4.782	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.600%
7) Chloroethane-d5	1.907	69	53433	5.148	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.000%
11) 1,1-Dichloroethene-d2	2.557	65	20544	4.709	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.200%
20) 2-Butanone-d5	4.624	46	147094	56.310	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.620%
24) Chloroform-d	5.055	84	112295	4.782	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	5.695	65	54645	4.998	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	5.721	84	222276	5.190	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.800%
36) 1,2-Dichloropropane-d6	6.682	67	69816	5.116	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.400%
41) Toluene-d8	7.891	98	203931	5.270	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
43) trans-1,3-Dichloroprop...	8.174	79	26167	5.633	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	112.600%
46) 2-Hexanone-d5	8.627	63	123830	60.074	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.140%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	65076	5.358	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	79035	5.168	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	56871	4.683	ug/L	99
3) Chloromethane	1.518	50	70371	4.798	ug/L	98
5) Vinyl chloride	1.599	62	77436	4.709	ug/L	99
6) Bromomethane	1.853	94	51663	4.826	ug/L	98
8) Chloroethane	1.927	64	51836	4.826	ug/L	96
9) Trichlorofluoromethane	2.126	101	99118	4.780	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	64302	4.752	ug/L	99
12) 1,1-Dichloroethene	2.570	96	57950	4.728	ug/L	95
13) Acetone	2.641	43	97772	56.582	ug/L	93
14) Carbon disulfide	2.785	76	164729	4.615	ug/L	99
15) Methyl Acetate	2.949	43	23498	5.529	ug/L	97
16) Methylene chloride	3.036	84	68687	4.570	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	145666	5.211	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	60795	4.768	ug/L	98
19) 1,1-Dichloroethane	3.859	63	114032	4.710	ug/L	96
21) 2-Butanone	4.705	43	152340	55.692	ug/L	98
22) cis-1,2-Dichloroethene	4.657	96	71565	5.011	ug/L	97
23) Bromochloromethane	4.968	128	33832	4.874	ug/L	99
25) Chloroform	5.078	83	122028	4.583	ug/L	100

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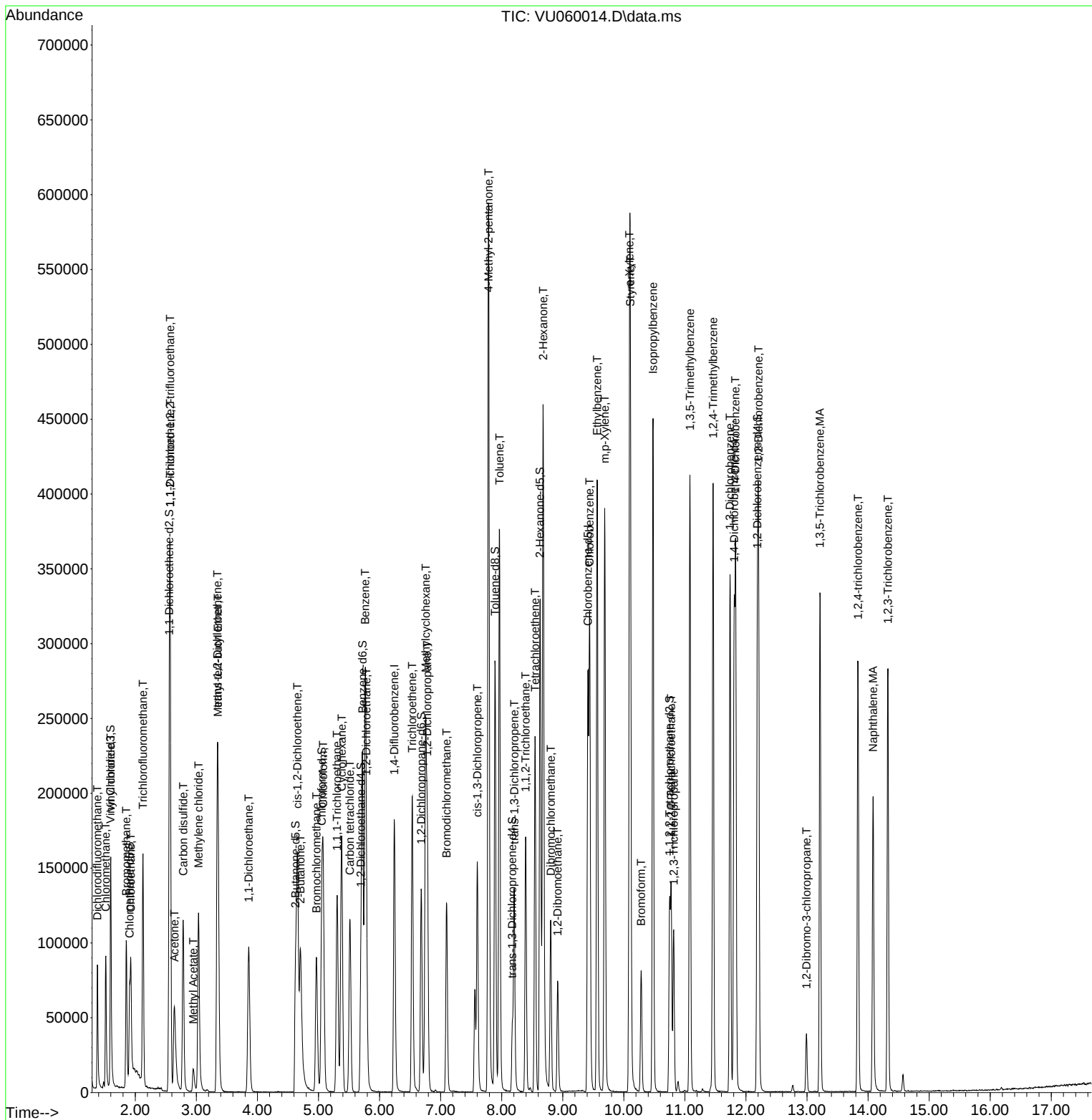
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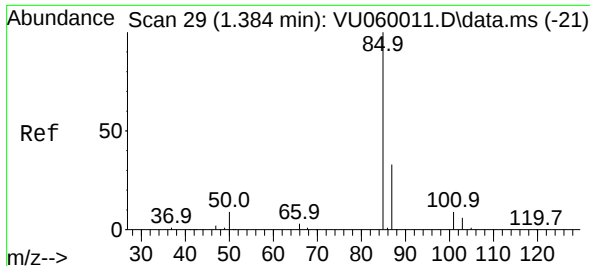
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	71414	4.692	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	97358	4.877	ug/L	98
30) Cyclohexane	5.380	56	84333	5.341	ug/L	97
31) Carbon tetrachloride	5.515	117	82108	4.767	ug/L	98
33) Benzene	5.766	78	265408	5.026	ug/L	100
34) Trichloroethene	6.534	95	69680	4.976	ug/L	98
35) Methylcyclohexane	6.756	83	97297	5.300	ug/L	100
37) 1,2-Dichloropropane	6.782	63	71083	4.983	ug/L	100
38) Bromodichloromethane	7.097	83	88765	4.967	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	97446	5.227	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	365814	57.953	ug/L	98
42) Toluene	7.965	91	291499	5.188	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	81549	5.237	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	56444	5.178	ug/L	97
47) Tetrachloroethene	8.547	164	56257	4.859	ug/L	99
48) 2-Hexanone	8.679	43	280331	60.655	ug/L	99
49) Dibromochloromethane	8.804	129	60062	4.981	ug/L	98
50) 1,2-Dibromoethane	8.917	107	51201	5.195	ug/L	98
51) Chlorobenzene	9.441	112	183663	5.003	ug/L	99
52) Ethylbenzene	9.563	91	295831	5.279	ug/L	100
53) m,p-Xylene	9.688	106	115532	5.337	ug/L	100
54) o-Xylene	10.094	106	112120	5.416	ug/L	100
55) Styrene	10.110	104	192371	5.459	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.775	83	69447	5.208	ug/L	97
59) Bromoform	10.283	173	38236	4.965	ug/L	99
60) Isopropylbenzene	10.479	105	290498	5.242	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	47455	5.312	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	227717	5.378	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	228556	5.586	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	151187	5.070	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	150652	4.963	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	147905	5.182	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	10248	5.886	ug/L	97
69) 1,3,5-Trichlorobenzene	13.212	180	113127	5.026	ug/L	96
70) 1,2,4-trichlorobenzene	13.836	180	95894	5.598	ug/L	100
71) Naphthalene	14.084	128	176424	7.269	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	95795	6.219	ug/L	99

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

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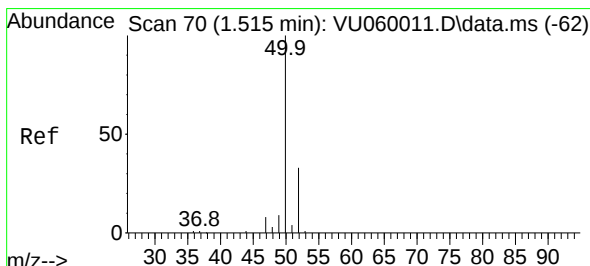
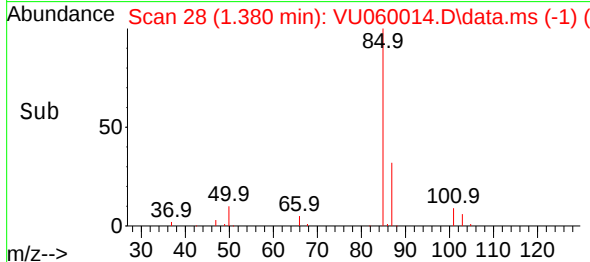
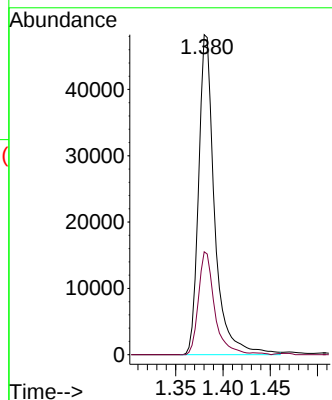
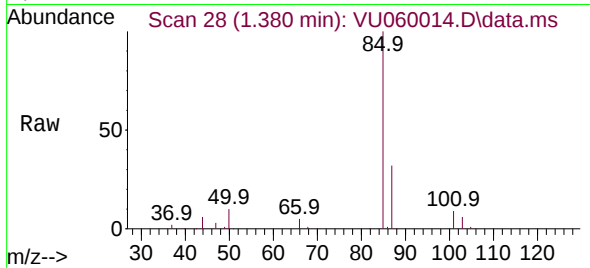




#2
 Dichlorodifluoromethane
 Concen: 4.683 ug/L
 RT: 1.380 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU060014.D
 Acq: 18 Jul 2024 13:19

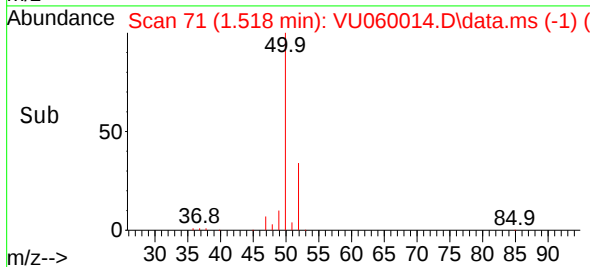
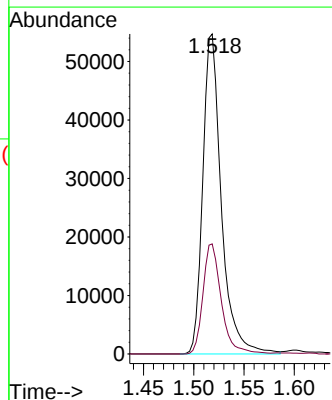
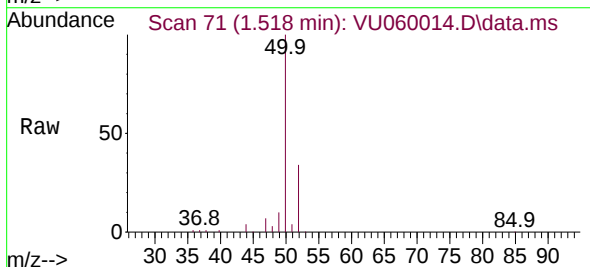
Instrument :
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 ClientSampleId :

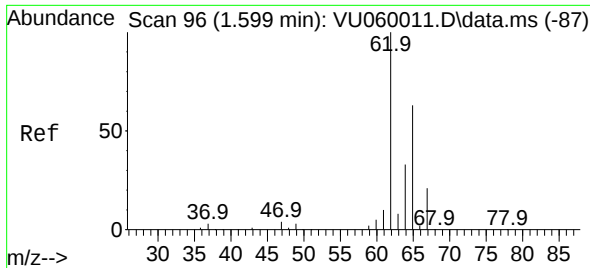
Tgt Ion: 85 Resp: 56871
 Ion Ratio Lower Upper
 85 100
 87 32.3 26.1 39.1



#3
 Chloromethane
 Concen: 4.798 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VU060014.D
 Acq: 18 Jul 2024 13:19

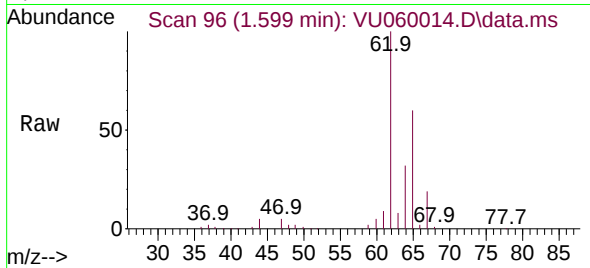
Tgt Ion: 50 Resp: 70371
 Ion Ratio Lower Upper
 50 100
 52 34.4 23.4 43.4



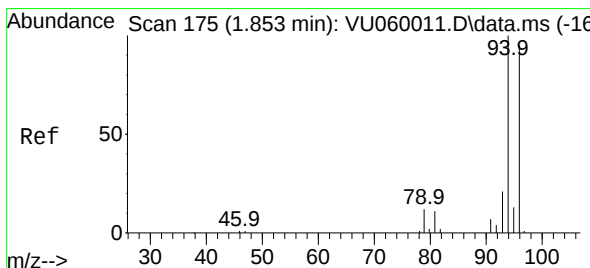
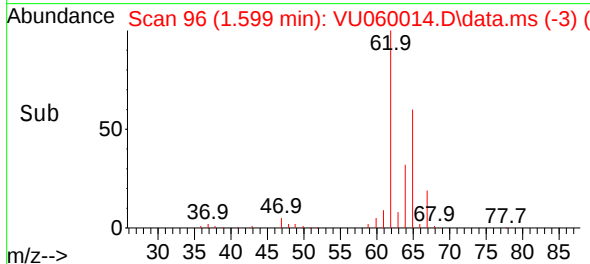
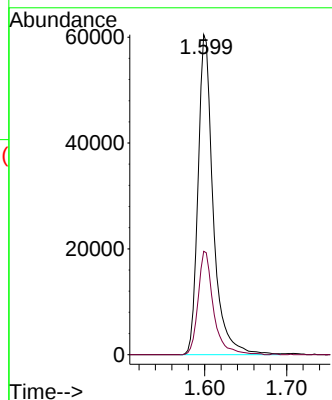


#5
 Vinyl chloride
 Concen: 4.709 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: VU060014.D
 Acq: 18 Jul 2024 13:19

Instrument :
 MSVOA_U
 ClientSampleId :

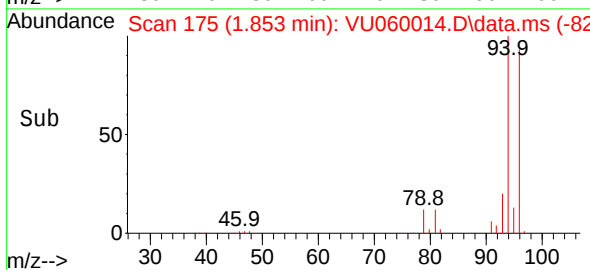
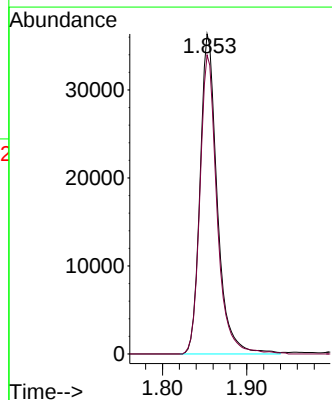
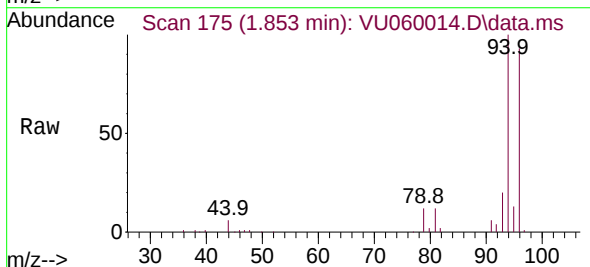


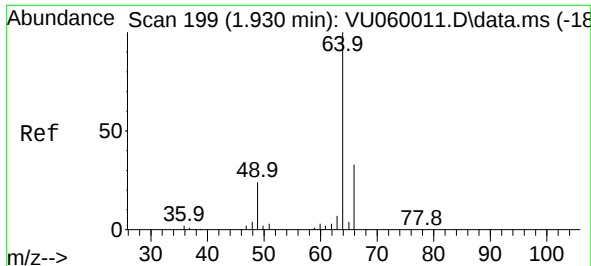
Tgt Ion: 62 Resp: 77436
 Ion Ratio Lower Upper
 62 100
 64 32.3 22.8 42.4



#6
 Bromomethane
 Concen: 4.826 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.000 min
 Lab File: VU060014.D
 Acq: 18 Jul 2024 13:19

Tgt Ion: 94 Resp: 51663
 Ion Ratio Lower Upper
 94 100
 96 93.4 66.6 123.6

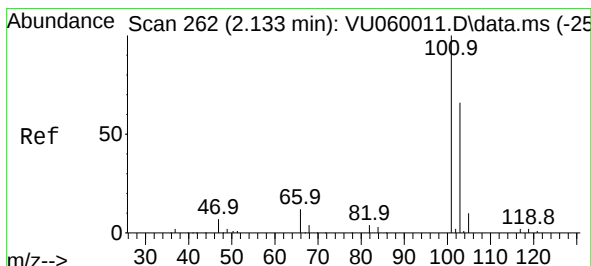
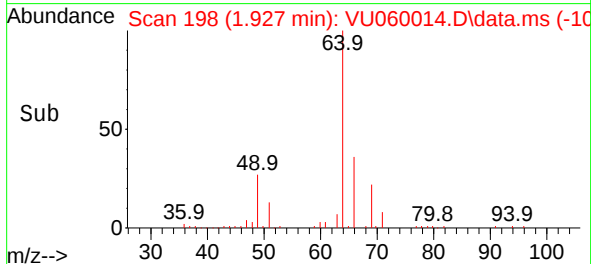
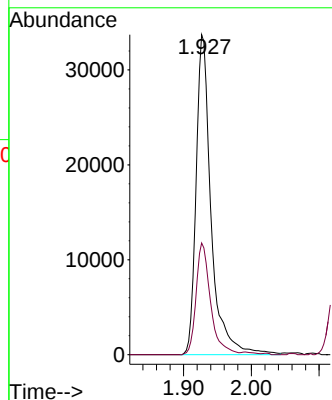
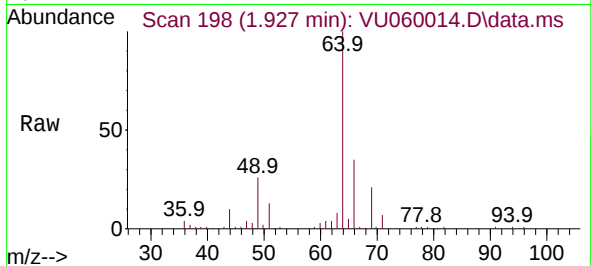




#8
Chloroethane
Concen: 4.826 ug/L
RT: 1.927 min Scan# 199
Delta R.T. -0.003 min
Lab File: VU060014.D
Acq: 18 Jul 2024 13:19

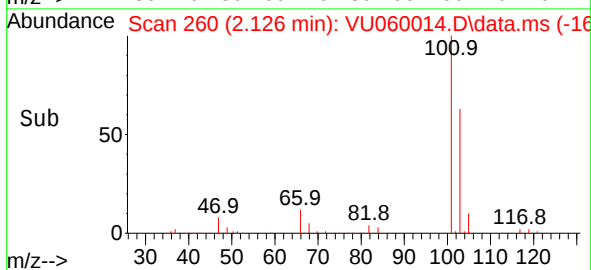
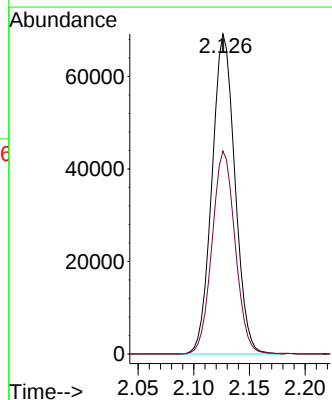
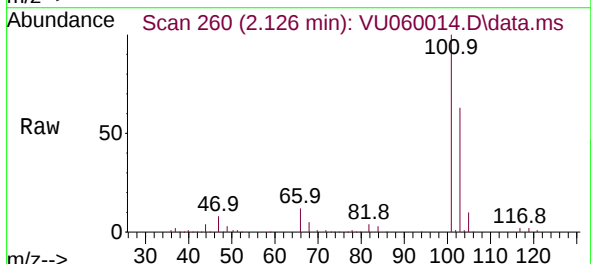
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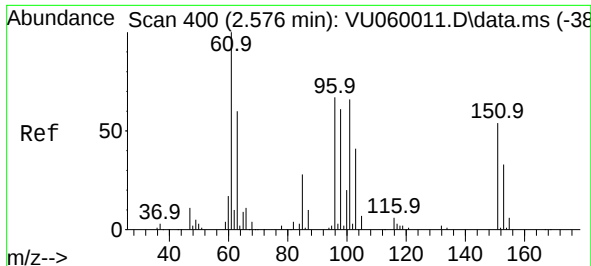
Tgt Ion: 64 Resp: 51836
Ion Ratio Lower Upper
64 100
66 34.9 22.8 42.4



#9
Trichlorofluoromethane
Concen: 4.780 ug/L
RT: 2.126 min Scan# 260
Delta R.T. -0.007 min
Lab File: VU060014.D
Acq: 18 Jul 2024 13:19

Tgt Ion:101 Resp: 99118
Ion Ratio Lower Upper
101 100
103 63.7 51.4 77.2

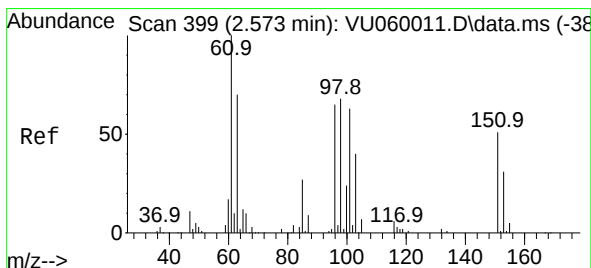
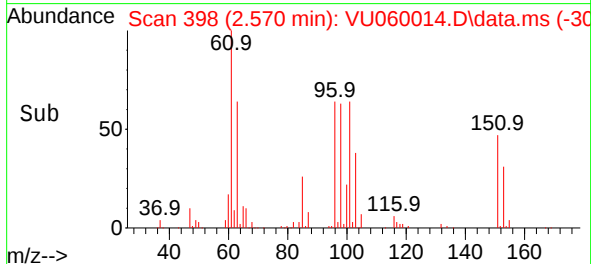
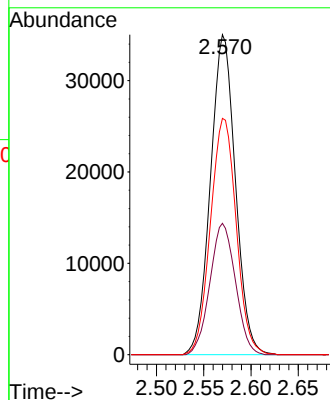
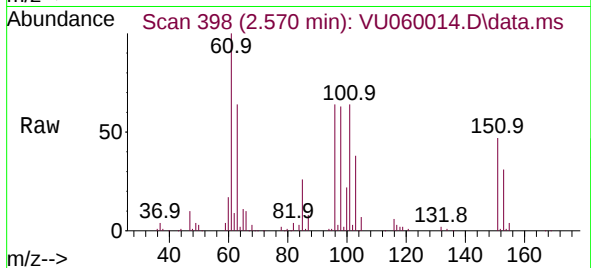




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.752 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.007 min
Lab File: VU060014.D
Acq: 18 Jul 2024 13:19

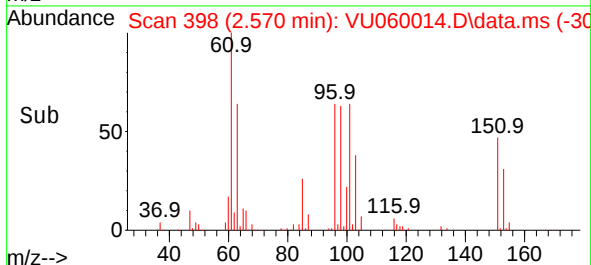
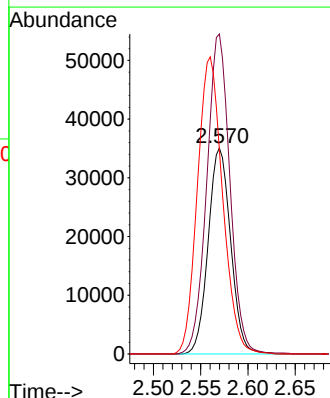
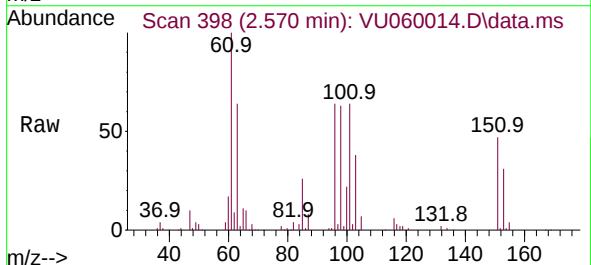
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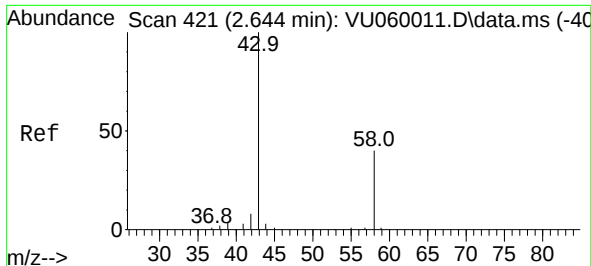
Tgt Ion:101 Resp: 64302
Ion Ratio Lower Upper
101 100
85 42.0 33.2 49.8
151 76.2 61.8 92.8



#12
1,1-Dichloroethene
Concen: 4.728 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.003 min
Lab File: VU060014.D
Acq: 18 Jul 2024 13:19

Tgt Ion: 96 Resp: 57950
Ion Ratio Lower Upper
96 100
61 155.4 107.0 198.6
63 99.0 76.4 142.0





#13

Acetone

Concen: 56.582 ug/L

RT: 2.641 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU060014.D

Acq: 18 Jul 2024 13:19

Instrument :

MSVOA_U

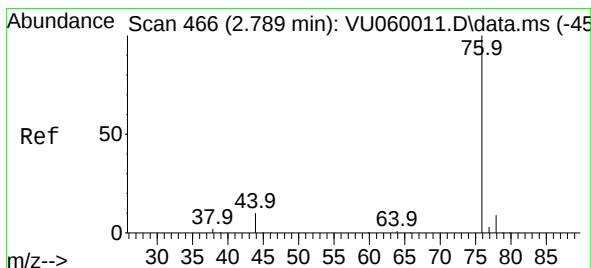
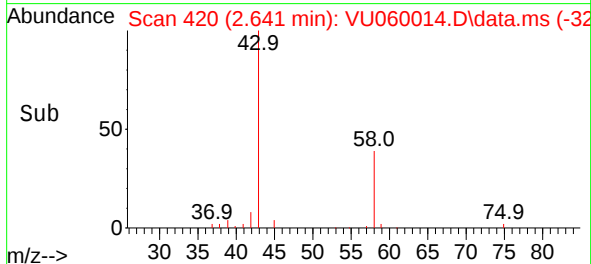
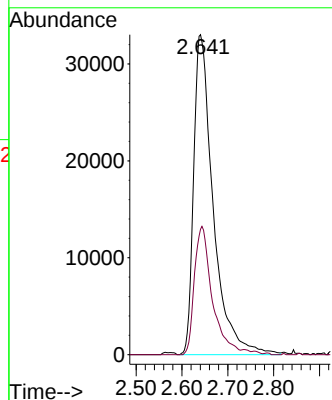
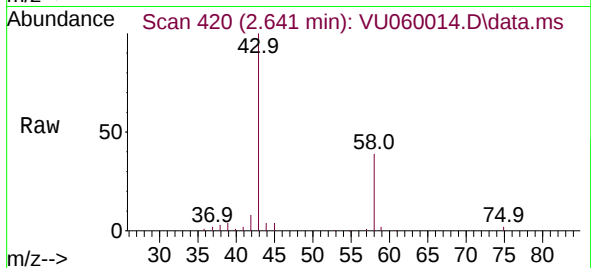
ClientSampleId :

Tgt Ion: 43 Resp: 97772

Ion Ratio Lower Upper

43 100

58 36.4 0.0 82.2



#14

Carbon disulfide

Concen: 4.615 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU060014.D

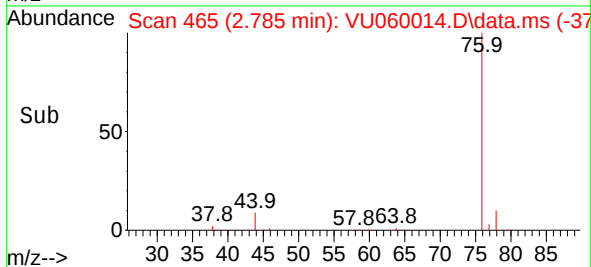
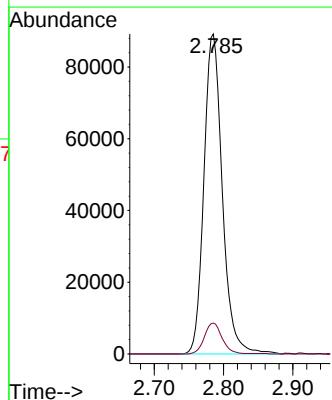
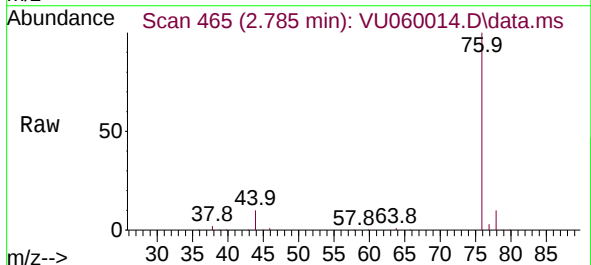
Acq: 18 Jul 2024 13:19

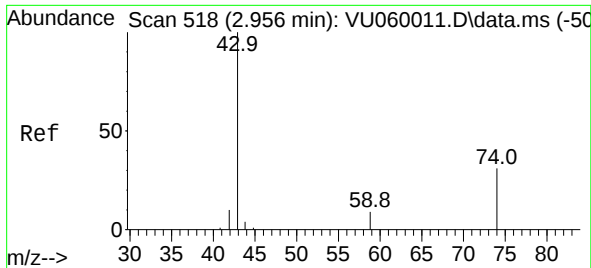
Tgt Ion: 76 Resp: 164729

Ion Ratio Lower Upper

76 100

78 9.6 7.4 11.0





#15

Methyl Acetate

Concen: 5.529 ug/L

RT: 2.949 min Scan# 51

Delta R.T. -0.007 min

Lab File: VU060014.D

Acq: 18 Jul 2024 13:19

Instrument :

MSVOA_U

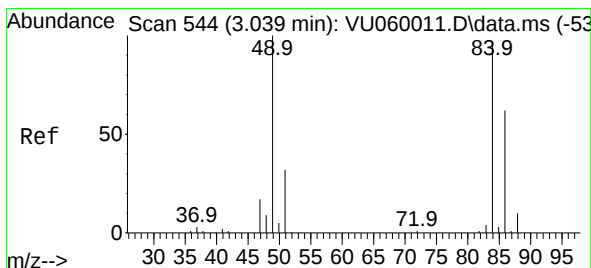
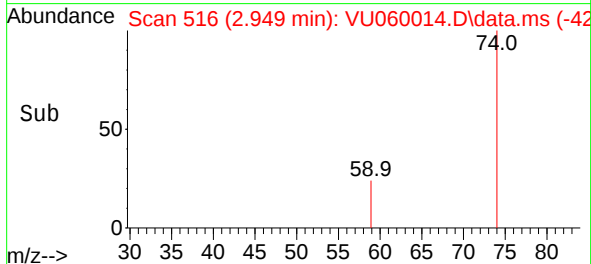
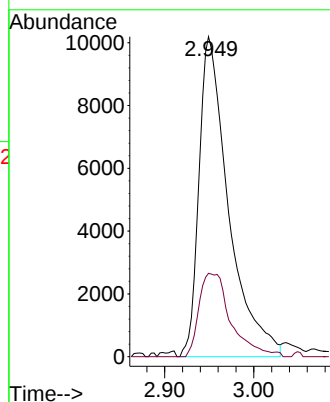
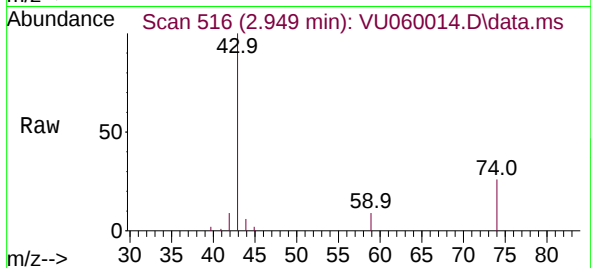
ClientSampleId :

Tgt Ion: 43 Resp: 23498

Ion Ratio Lower Upper

43 100

74 28.0 23.5 35.3



#16

Methylene chloride

Concen: 4.570 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.003 min

Lab File: VU060014.D

Acq: 18 Jul 2024 13:19

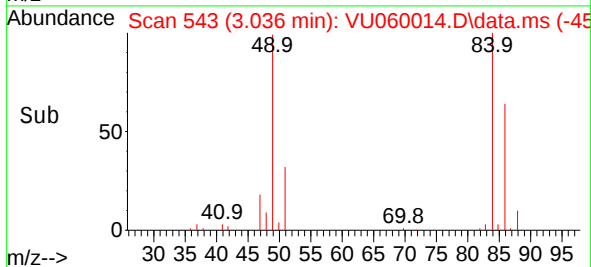
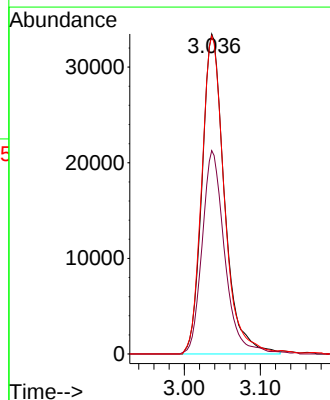
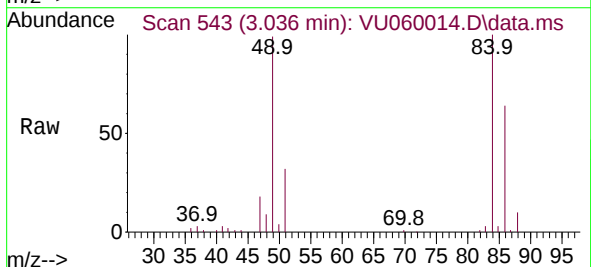
Tgt Ion: 84 Resp: 68687

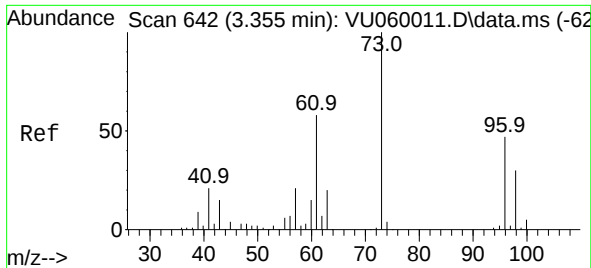
Ion Ratio Lower Upper

84 100

86 63.6 44.4 82.5

49 99.4 72.0 133.6

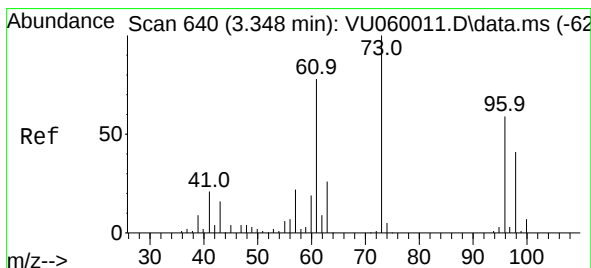
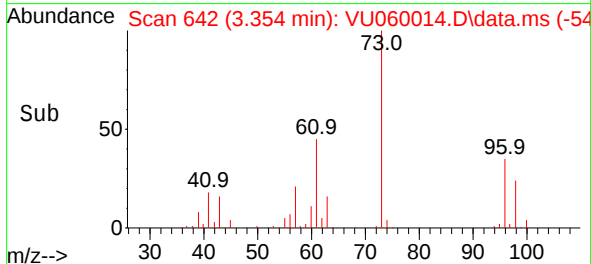
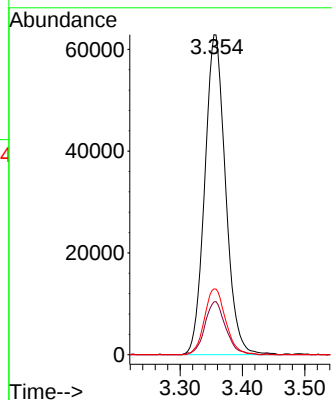
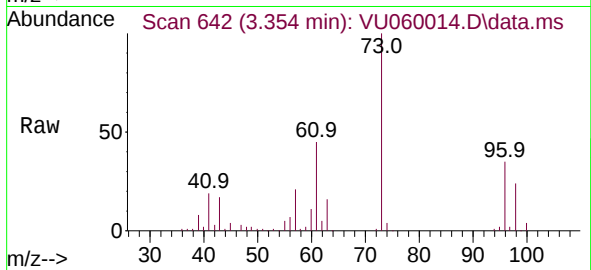




#17
Methyl tert-butyl Ether
Concen: 5.211 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU060014.D
Acq: 18 Jul 2024 13:19

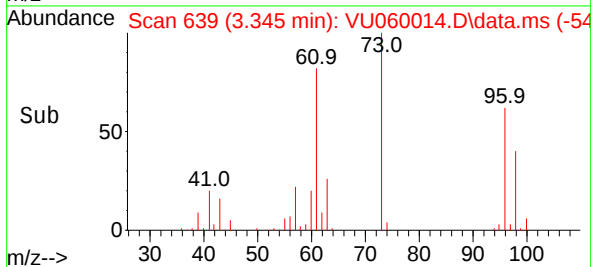
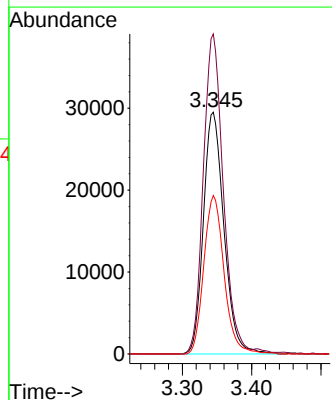
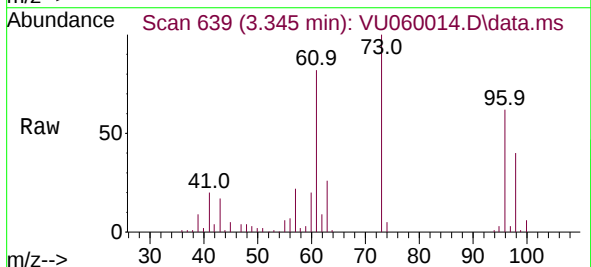
Instrument :
MSVOA_U
ClientSampleId :

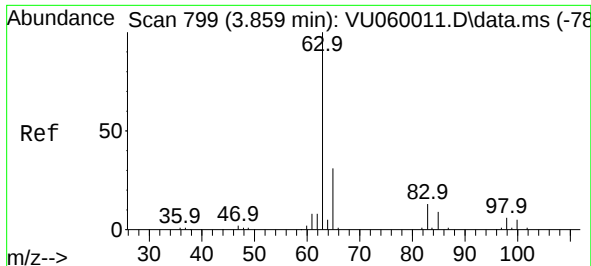
Tgt Ion: 73 Resp: 145666
Ion Ratio Lower Upper
73 100
43 16.7 13.1 19.7
57 21.0 17.0 25.4



#18
trans-1,2-Dichloroethene
Concen: 4.768 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU060014.D
Acq: 18 Jul 2024 13:19

Tgt Ion: 96 Resp: 60795
Ion Ratio Lower Upper
96 100
61 132.4 91.6 170.0
98 65.5 47.7 88.5

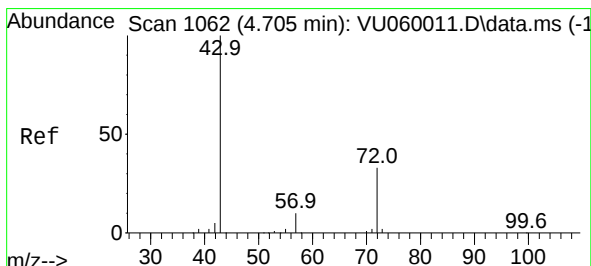
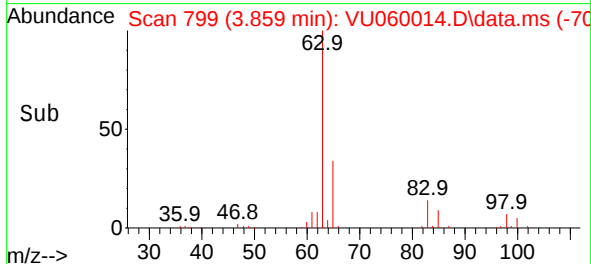
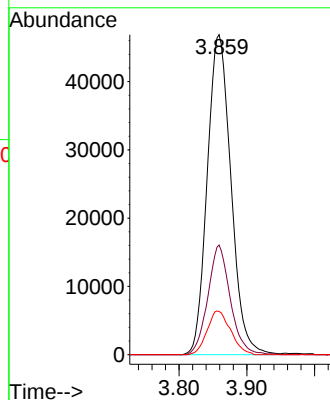
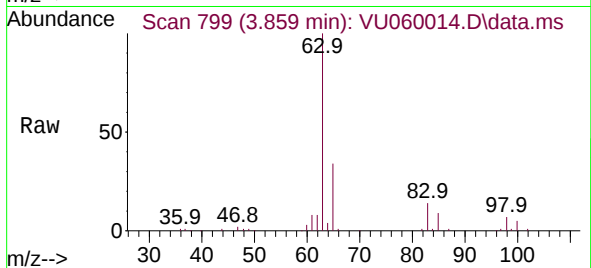




#19
1,1-Dichloroethane
Concen: 4.710 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU060014.D
Acq: 18 Jul 2024 13:19

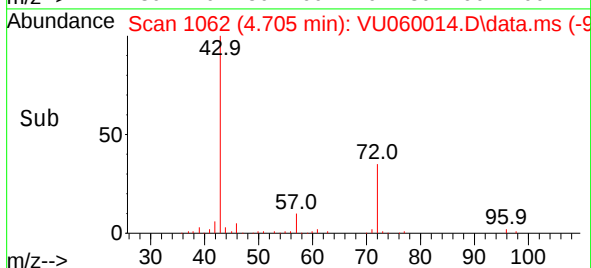
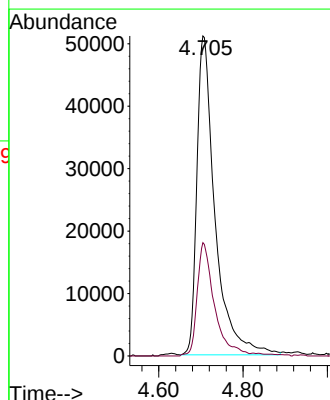
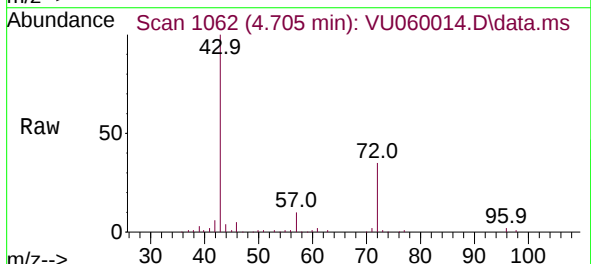
Instrument :
MSVOA_U
ClientSampleId :

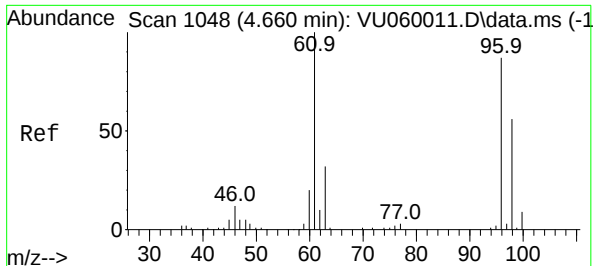
Tgt Ion: 63 Resp: 114032
Ion Ratio Lower Upper
63 100
65 34.3 22.0 40.8
83 13.5 9.7 17.9



#21
2-Butanone
Concen: 55.692 ug/L
RT: 4.705 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VU060014.D
Acq: 18 Jul 2024 13:19

Tgt Ion: 43 Resp: 152340
Ion Ratio Lower Upper
43 100
72 33.6 16.3 48.9





#22

cis-1,2-Dichloroethene

Concen: 5.011 ug/L

RT: 4.657 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU060014.D

Acq: 18 Jul 2024 13:19

Instrument :

MSVOA_U

ClientSampleId :

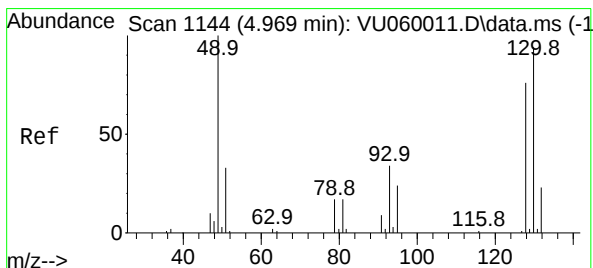
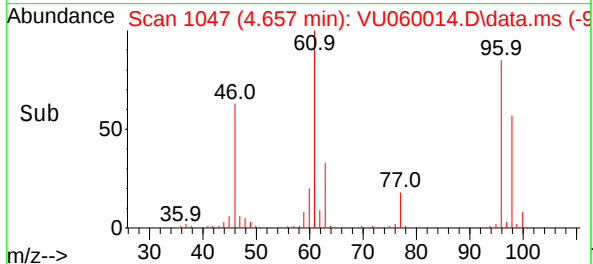
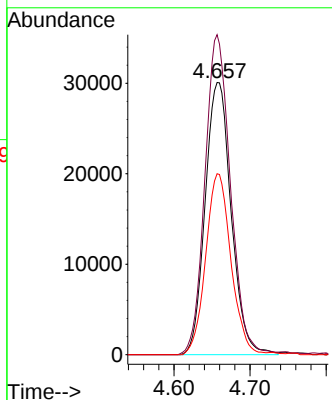
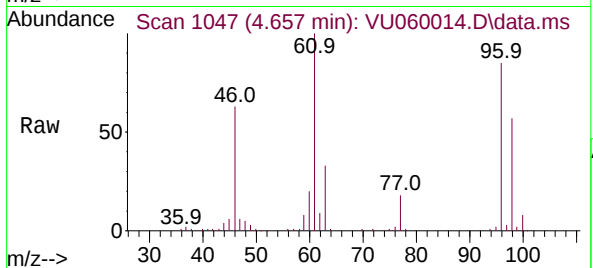
Tgt Ion: 96 Resp: 71565

Ion Ratio Lower Upper

96 100

61 117.6 80.2 148.9

98 66.5 44.7 83.1



#23

Bromochloromethane

Concen: 4.874 ug/L

RT: 4.968 min Scan# 1144

Delta R.T. -0.000 min

Lab File: VU060014.D

Acq: 18 Jul 2024 13:19

Tgt Ion:128 Resp: 33832

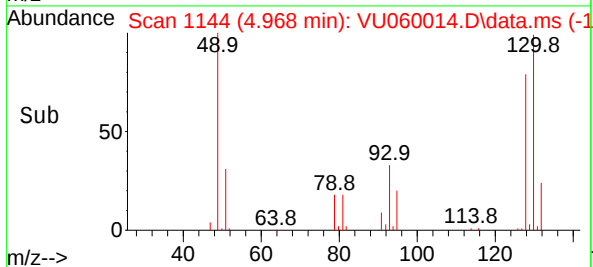
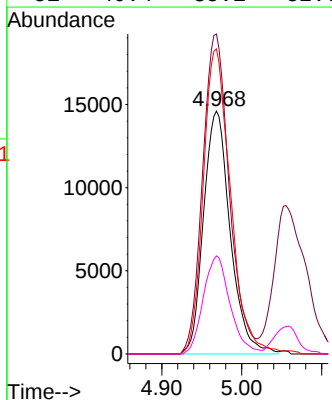
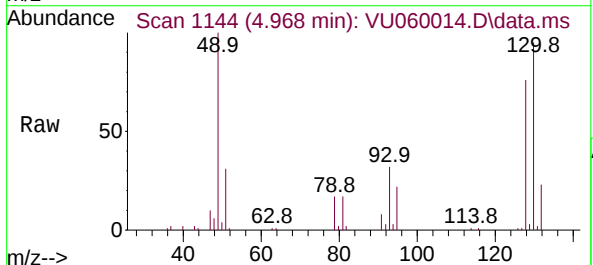
Ion Ratio Lower Upper

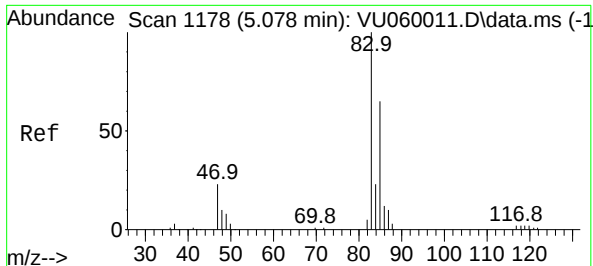
128 100

49 131.8 92.3 171.3

130 125.6 87.1 161.7

51 40.4 35.1 52.7

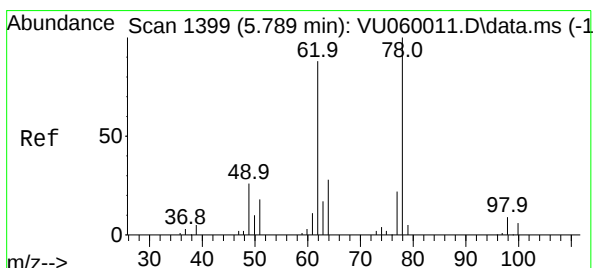
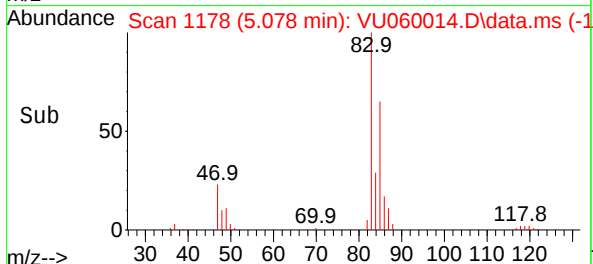
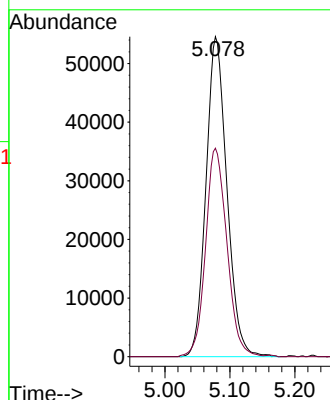
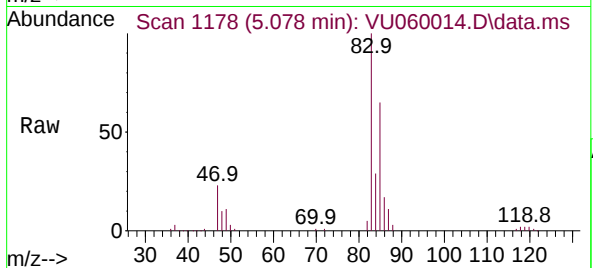




#25
Chloroform
Concen: 4.583 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VU060014.D
Acq: 18 Jul 2024 13:19

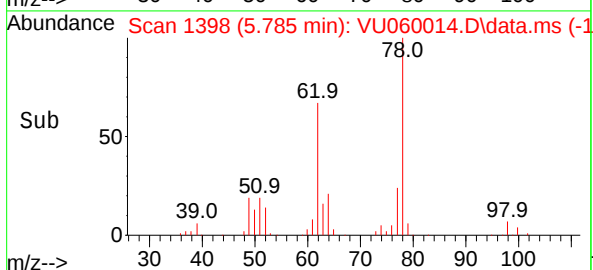
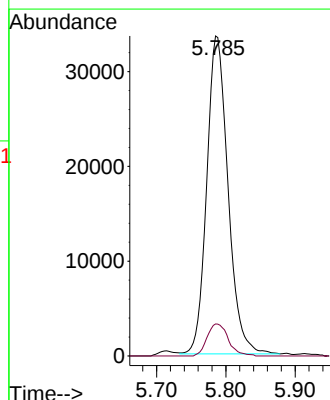
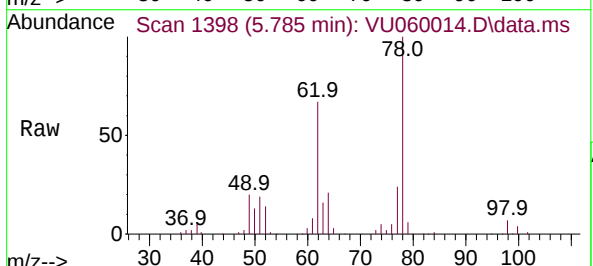
Instrument :
MSVOA_U
ClientSampleId :

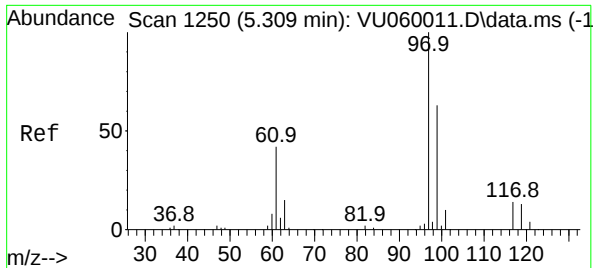
Tgt Ion: 83 Resp: 122028
Ion Ratio Lower Upper
83 100
85 65.1 45.4 84.2



#27
1,2-Dichloroethane
Concen: 4.692 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. -0.003 min
Lab File: VU060014.D
Acq: 18 Jul 2024 13:19

Tgt Ion: 62 Resp: 71414
Ion Ratio Lower Upper
62 100
98 10.0 7.9 11.9

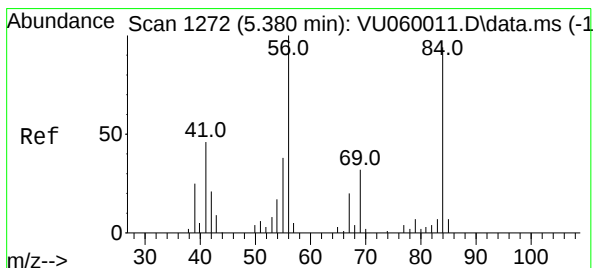
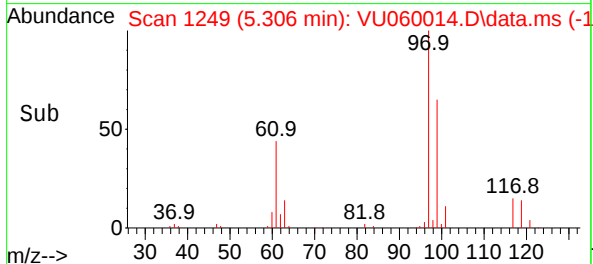
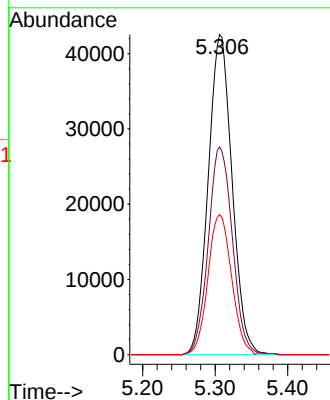
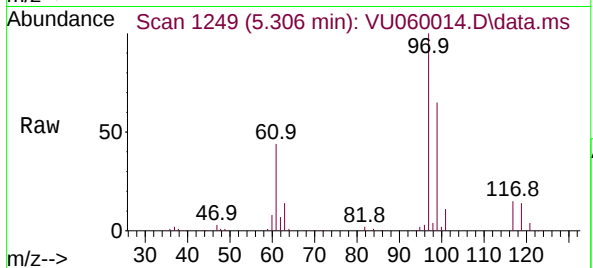




#29
1,1,1-Trichloroethane
Concen: 4.877 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.003 min
Lab File: VU060014.D
Acq: 18 Jul 2024 13:19

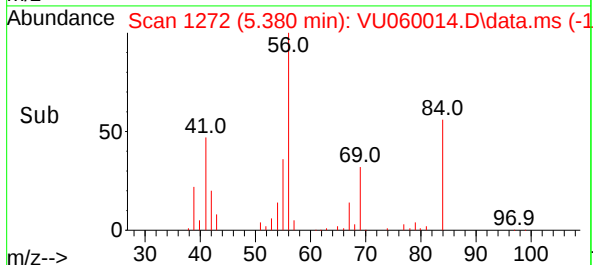
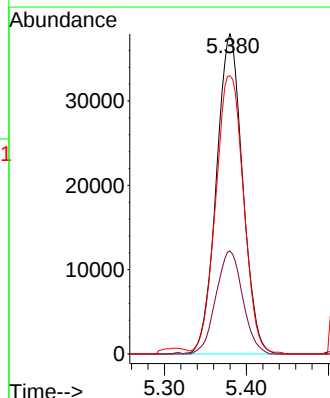
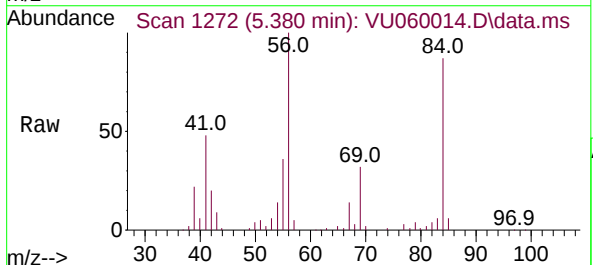
Instrument :
MSVOA_U
ClientSampleId :

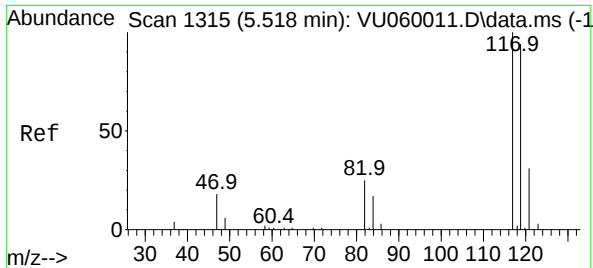
Tgt Ion: 97	Resp: 97358
Ion Ratio	Lower Upper
97	100
99	65.6 51.0 76.4
61	43.5 34.1 51.1



#30
Cyclohexane
Concen: 5.341 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU060014.D
Acq: 18 Jul 2024 13:19

Tgt Ion: 56	Resp: 84333
Ion Ratio	Lower Upper
56	100
69	32.9 26.6 39.8
84	92.8 77.2 115.8

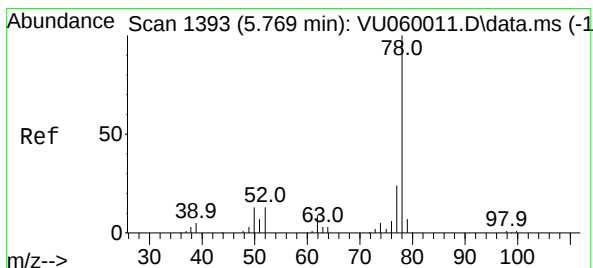
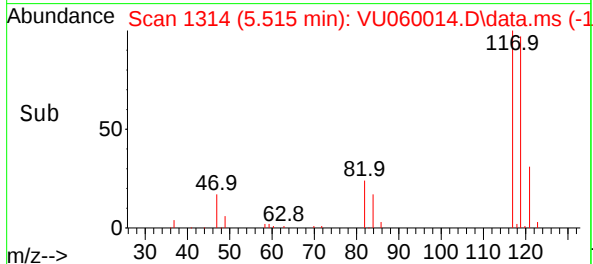
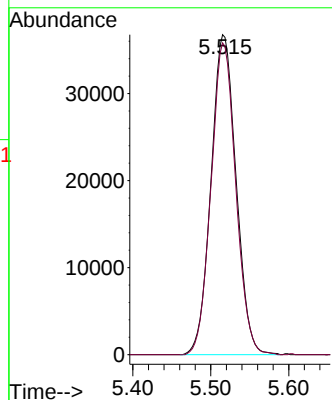
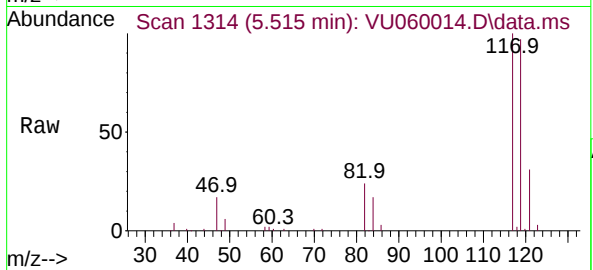




#31
Carbon tetrachloride
Concen: 4.767 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.003 min
Lab File: VU060014.D
Acq: 18 Jul 2024 13:19

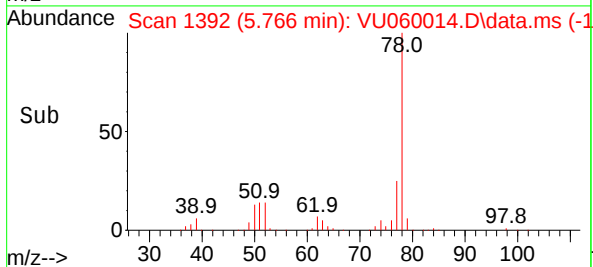
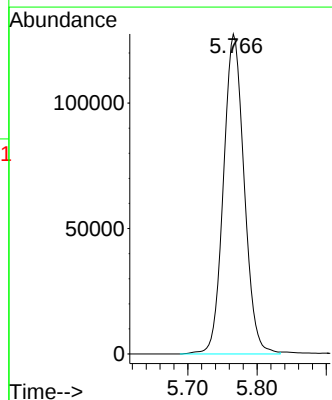
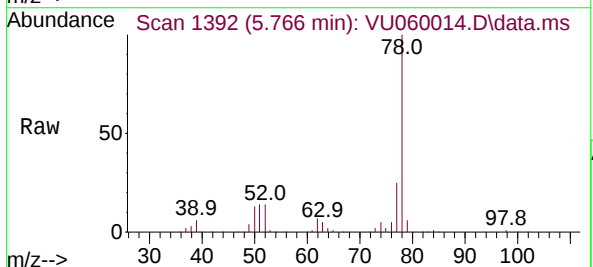
Instrument :
MSVOA_U
ClientSampleId :

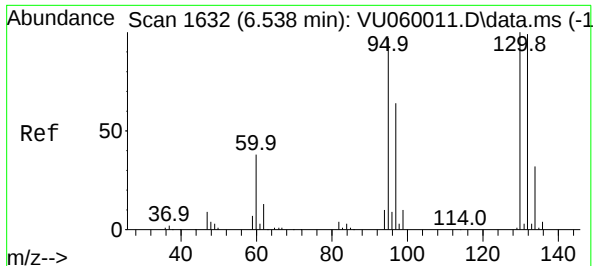
Tgt Ion:117 Resp: 82108
Ion Ratio Lower Upper
117 100
119 96.0 75.6 113.4



#33
Benzene
Concen: 5.026 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.003 min
Lab File: VU060014.D
Acq: 18 Jul 2024 13:19

Tgt Ion: 78 Resp: 265408





#34

Trichloroethene

Concen: 4.976 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU060014.D

Acq: 18 Jul 2024 13:19

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 69680

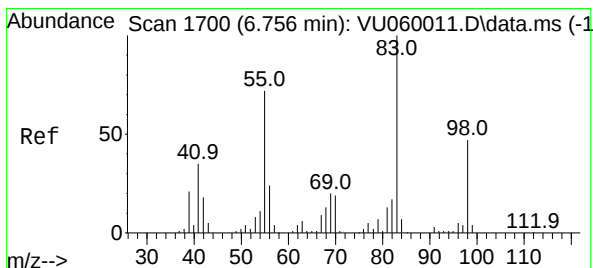
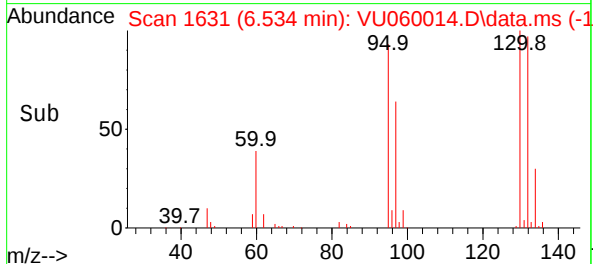
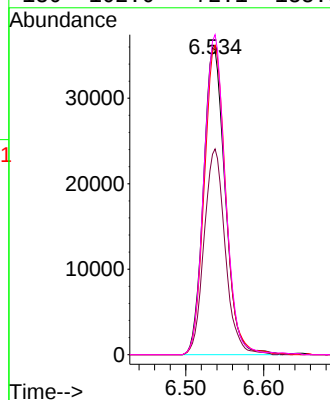
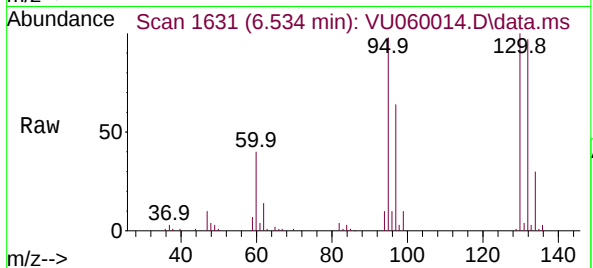
Ion Ratio Lower Upper

95 100

97 65.3 45.9 85.3

132 98.6 71.4 132.6

130 102.0 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: VU060014.D

Acq: 18 Jul 2024 13:19

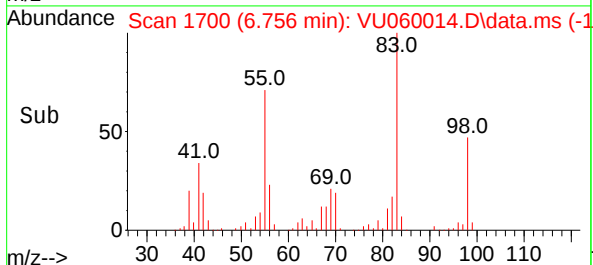
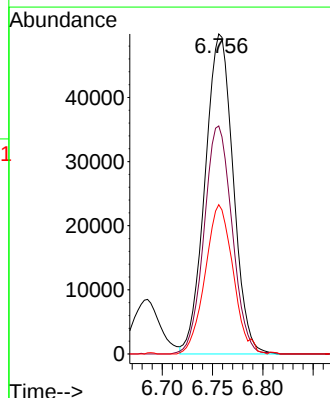
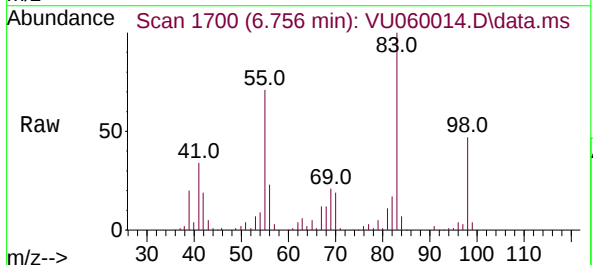
Tgt Ion: 83 Resp: 97297

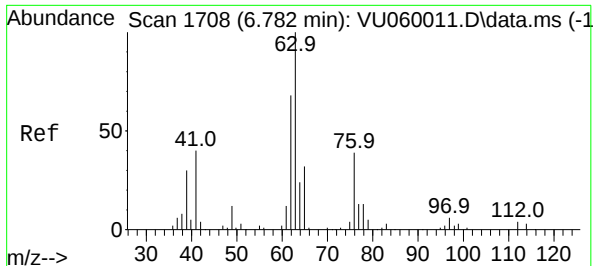
Ion Ratio Lower Upper

83 100

55 71.0 56.7 85.1

98 46.3 36.6 55.0

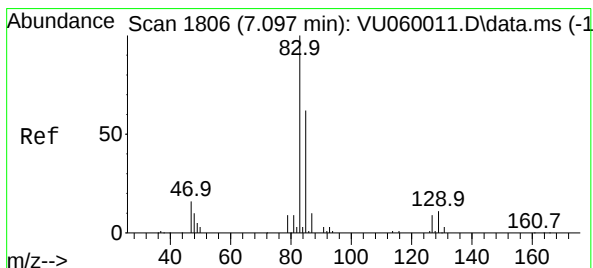
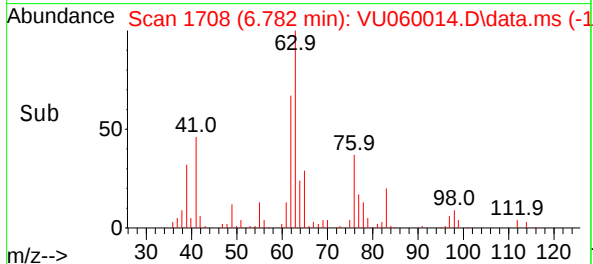
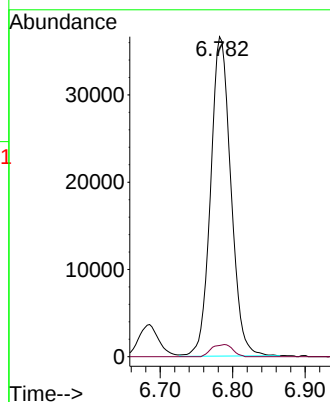
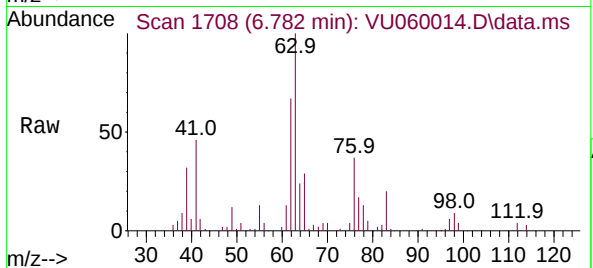




#37
1,2-Dichloropropane
Concen: 4.983 ug/L
RT: 6.782 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU060014.D
Acq: 18 Jul 2024 13:19

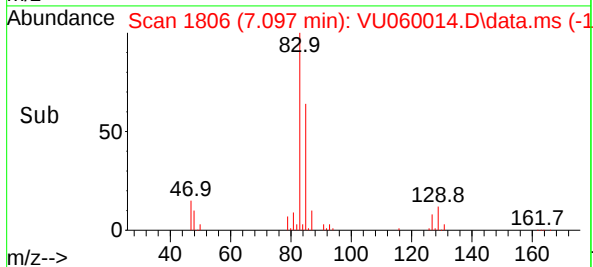
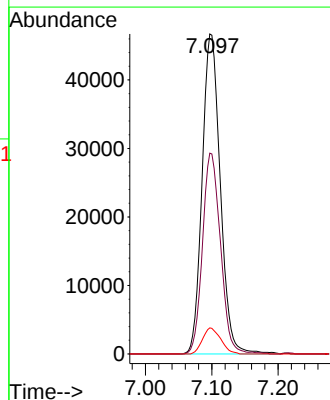
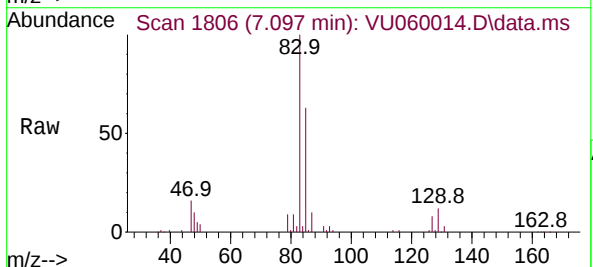
Instrument :
MSVOA_U
ClientSampleId :

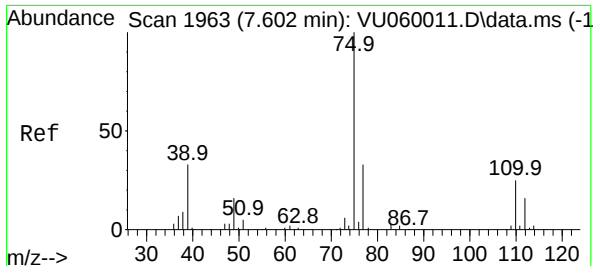
Tgt Ion: 63 Resp: 71083
Ion Ratio Lower Upper
63 100
112 4.0 3.3 4.9



#38
Bromodichloromethane
Concen: 4.967 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU060014.D
Acq: 18 Jul 2024 13:19

Tgt Ion: 83 Resp: 88765
Ion Ratio Lower Upper
83 100
85 62.7 43.5 80.7
127 8.1 7.1 10.7

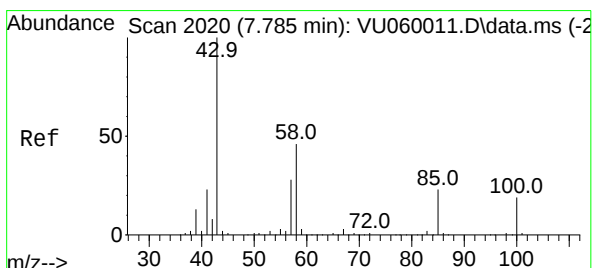
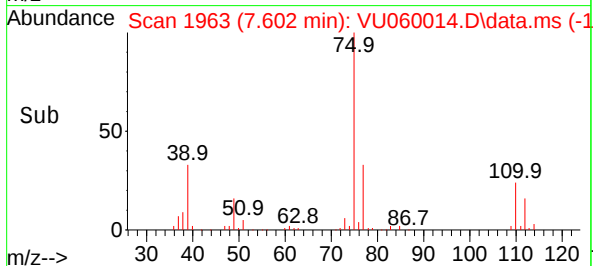
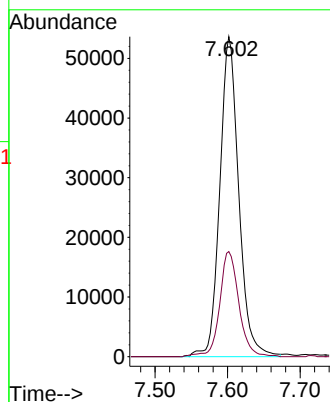
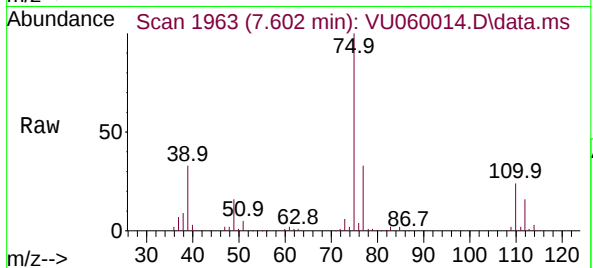




#39
 cis-1,3-Dichloropropene
 Concen: 5.227 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU060014.D
 Acq: 18 Jul 2024 13:19

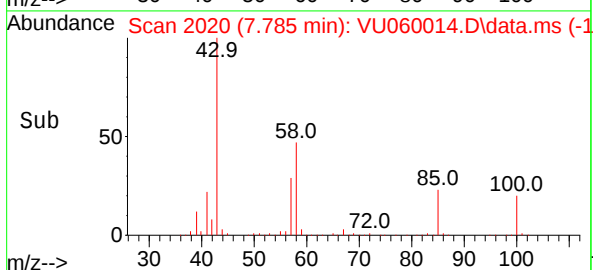
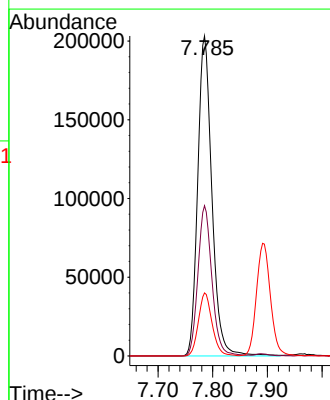
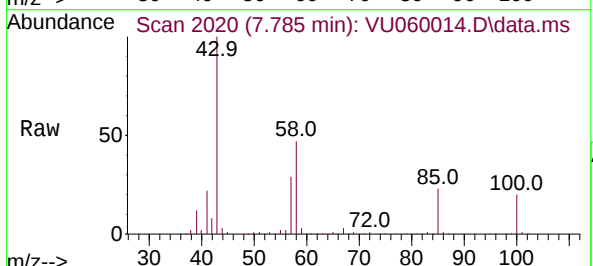
Instrument :
 MSVOA_U
 ClientSampleId :

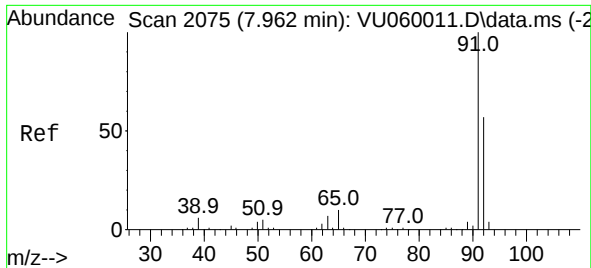
Tgt Ion: 75 Resp: 97446
 Ion Ratio Lower Upper
 75 100
 77 32.8 23.2 43.2



#40
 4-Methyl-2-pentanone
 Concen: 57.953 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. -0.000 min
 Lab File: VU060014.D
 Acq: 18 Jul 2024 13:19

Tgt Ion: 43 Resp: 365814
 Ion Ratio Lower Upper
 43 100
 58 46.1 36.0 54.0
 100 19.0 14.9 22.3





#42

Toluene

Concen: 5.188 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU060014.D

Acq: 18 Jul 2024 13:19

Instrument :

MSVOA_U

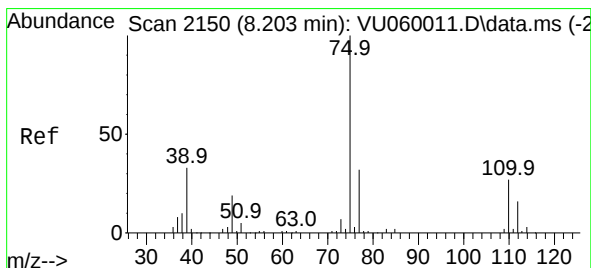
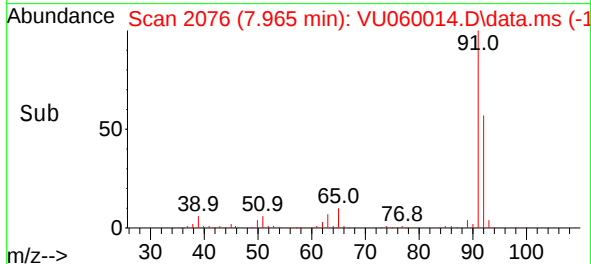
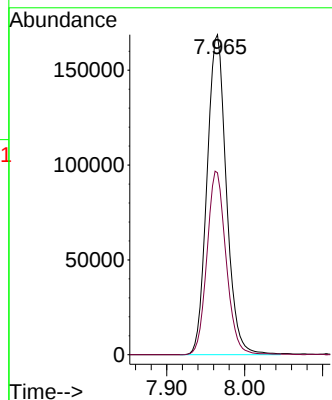
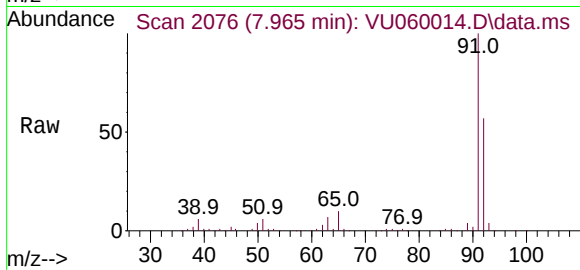
ClientSampleId :

Tgt Ion: 91 Resp: 291499

Ion Ratio Lower Upper

91 100

92 56.8 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 5.237 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.003 min

Lab File: VU060014.D

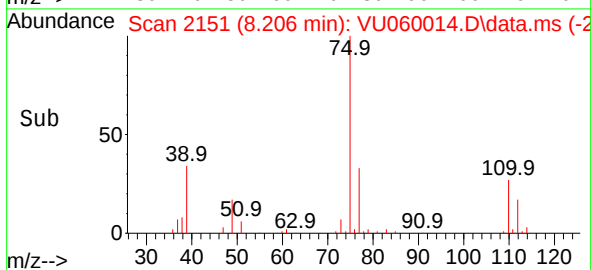
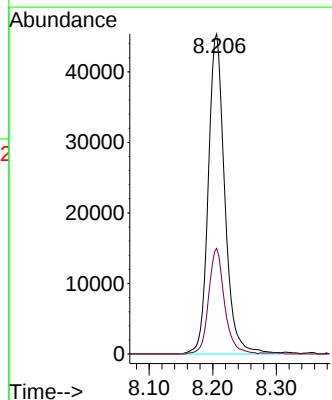
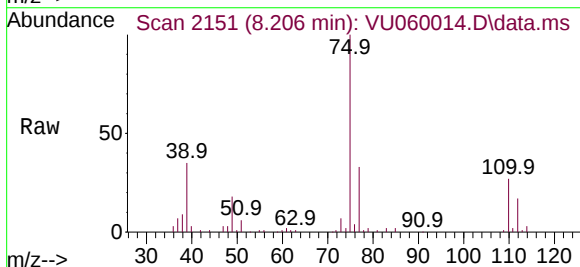
Acq: 18 Jul 2024 13:19

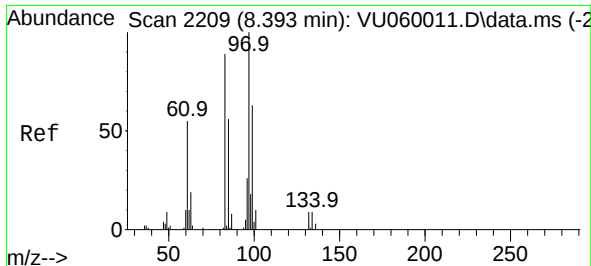
Tgt Ion: 75 Resp: 81549

Ion Ratio Lower Upper

75 100

77 33.0 22.6 42.0





#45

1,1,2-Trichloroethane

Concen: 5.178 ug/L

RT: 8.393 min Scan# 2209

Delta R.T. -0.000 min

Lab File: VU060014.D

Acq: 18 Jul 2024 13:19

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 56444

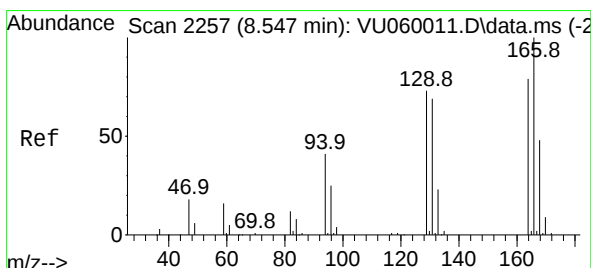
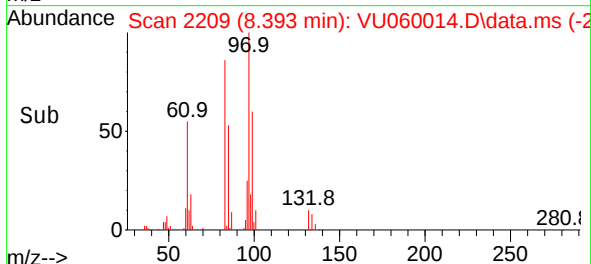
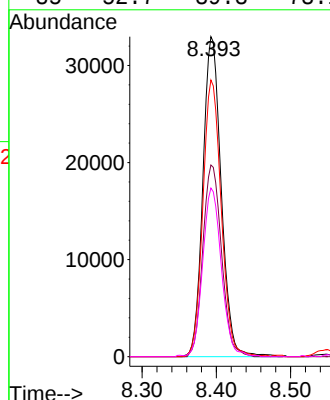
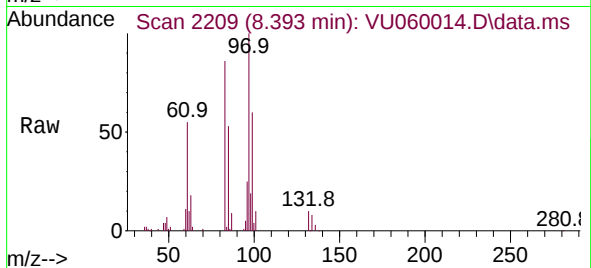
Ion Ratio Lower Upper

97 100

99 59.9 43.8 81.4

83 86.4 62.1 115.3

85 52.7 39.3 73.1



#47

Tetrachloroethene

Concen: 4.859 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

Lab File: VU060014.D

Acq: 18 Jul 2024 13:19

Tgt Ion: 164 Resp: 56257

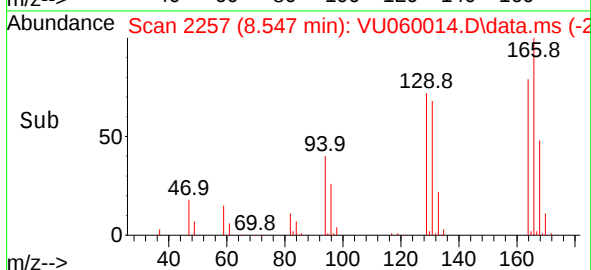
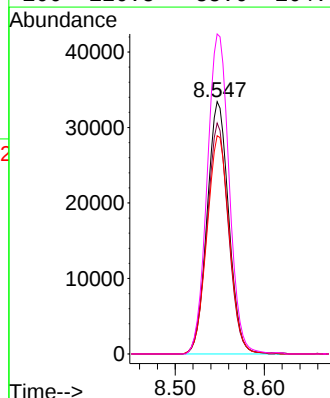
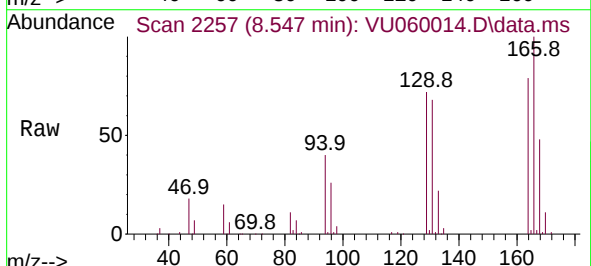
Ion Ratio Lower Upper

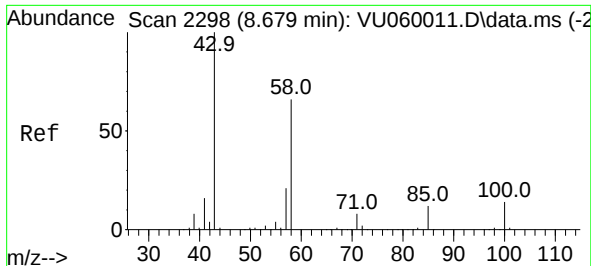
164 100

129 91.5 64.6 120.0

131 86.5 61.2 113.8

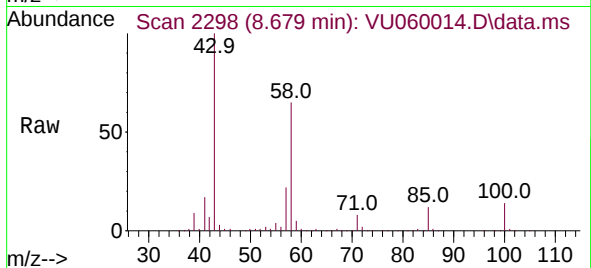
166 126.8 88.6 164.6



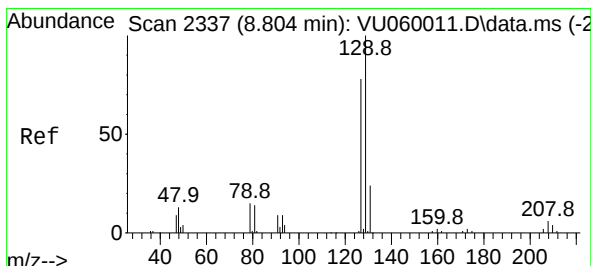
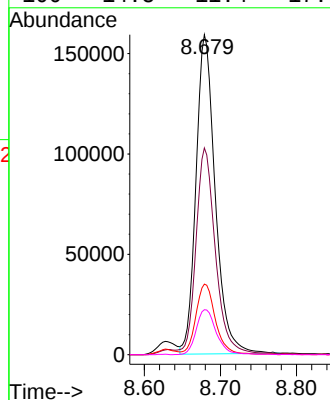
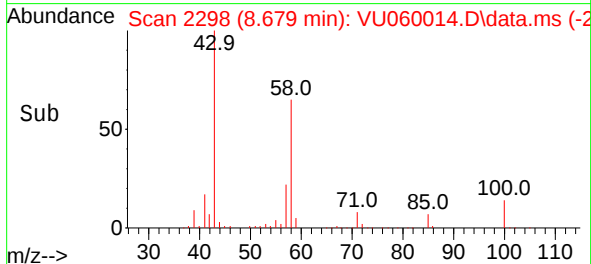


#48
2-Hexanone
Concen: 60.655 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VU060014.D
Acq: 18 Jul 2024 13:19

Instrument :
MSVOA_U
ClientSampleId :

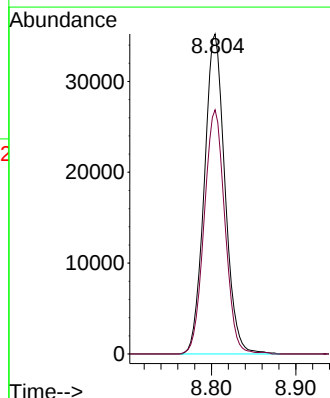
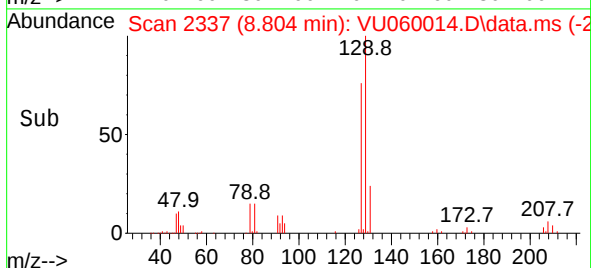
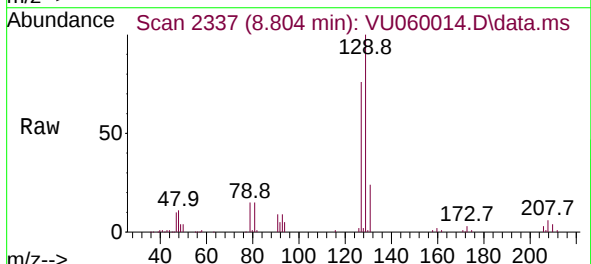


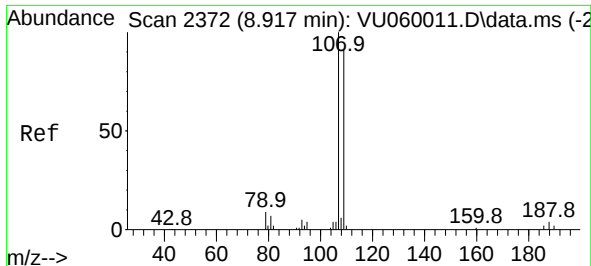
Tgt Ion:	43	Resp:	280331
Ion	Ratio	Lower	Upper
43	100		
58	66.1	52.6	78.8
57	22.2	17.8	26.8
100	14.8	11.4	17.0



#49
Dibromochloromethane
Concen: 4.981 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU060014.D
Acq: 18 Jul 2024 13:19

Tgt Ion:	129	Resp:	60062
Ion	Ratio	Lower	Upper
129	100		
127	76.3	54.6	101.4





#50

1,2-Dibromoethane

Concen: 5.195 ug/L

RT: 8.917 min Scan# 2372

Delta R.T. -0.000 min

Lab File: VU060014.D

Acq: 18 Jul 2024 13:19

Instrument :

MSVOA_U

ClientSampleId :

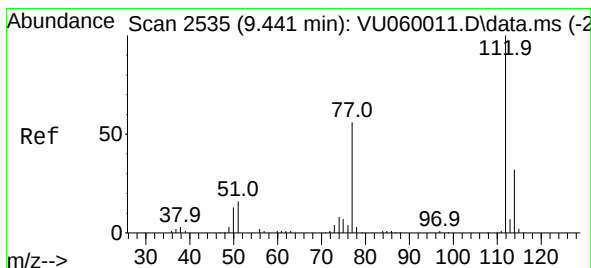
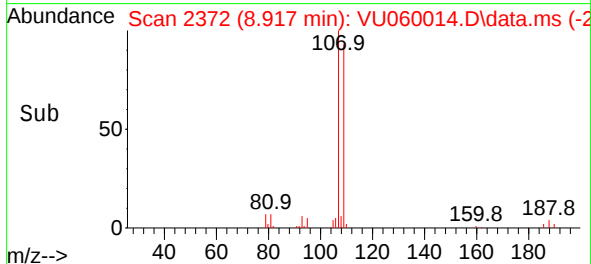
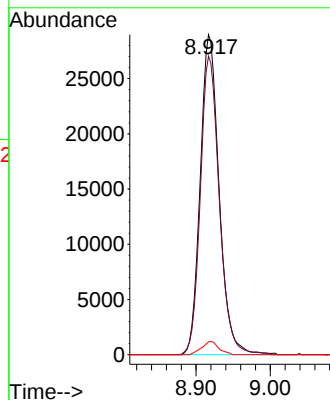
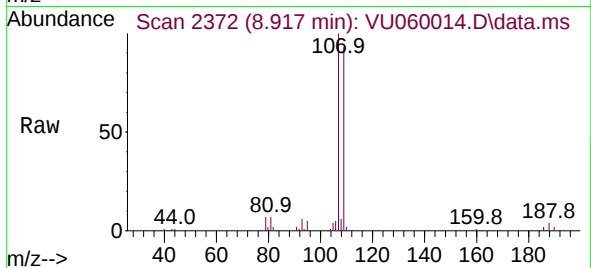
Tgt Ion:107 Resp: 51201

Ion Ratio Lower Upper

107 100

109 93.3 64.0 118.8

188 4.0 3.0 4.6



#51

Chlorobenzene

Concen: 5.003 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. -0.000 min

Lab File: VU060014.D

Acq: 18 Jul 2024 13:19

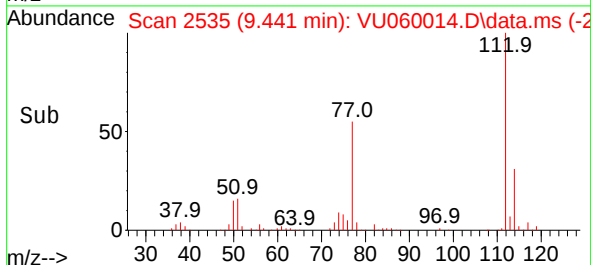
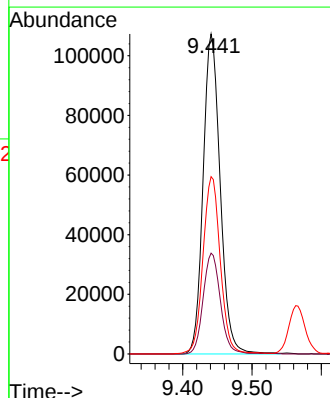
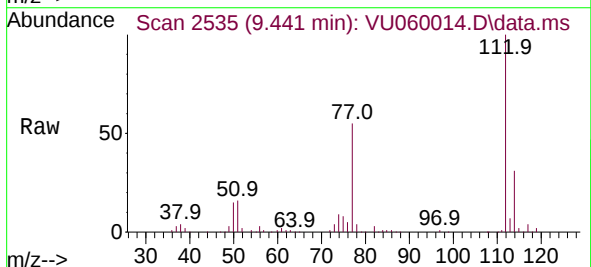
Tgt Ion:112 Resp: 183663

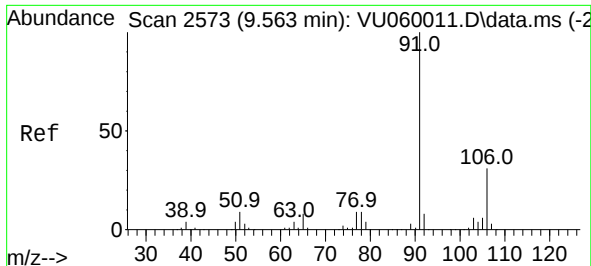
Ion Ratio Lower Upper

112 100

114 31.5 22.1 41.1

77 55.4 44.7 67.1





#52

Ethylbenzene

Concen: 5.279 ug/L

RT: 9.563 min Scan# 2573

Delta R.T. -0.000 min

Lab File: VU060014.D

Acq: 18 Jul 2024 13:19

Instrument :

MSVOA_U

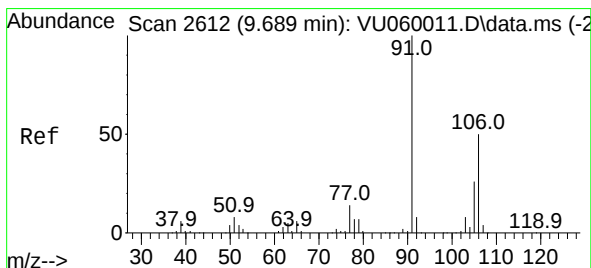
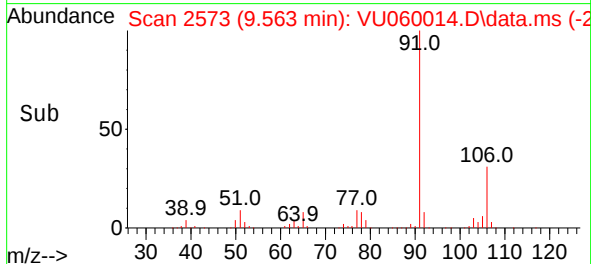
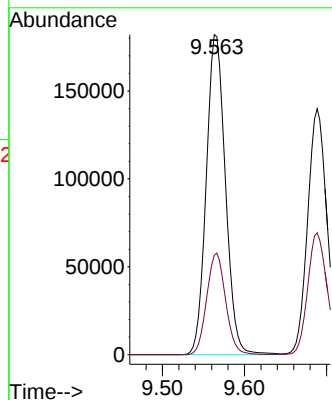
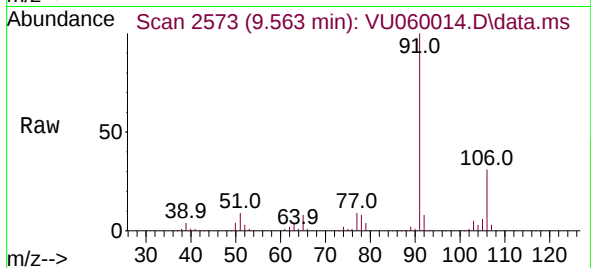
ClientSampleId :

Tgt Ion: 91 Resp: 295831

Ion Ratio Lower Upper

91 100

106 31.1 21.9 40.7



#53

m,p-Xylene

Concen: 5.337 ug/L

RT: 9.688 min Scan# 2612

Delta R.T. -0.000 min

Lab File: VU060014.D

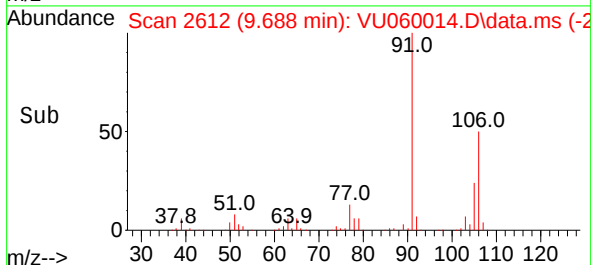
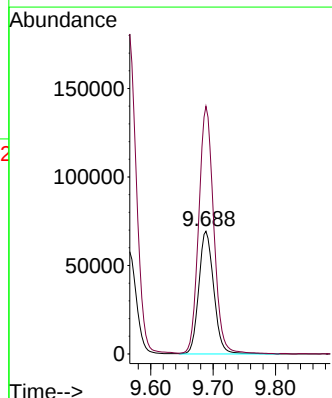
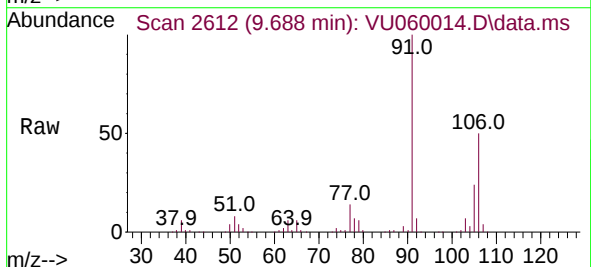
Acq: 18 Jul 2024 13:19

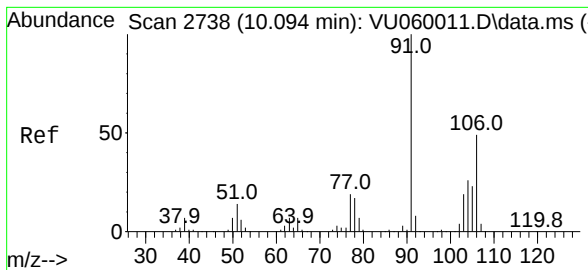
Tgt Ion:106 Resp: 115532

Ion Ratio Lower Upper

106 100

91 201.6 141.3 262.5

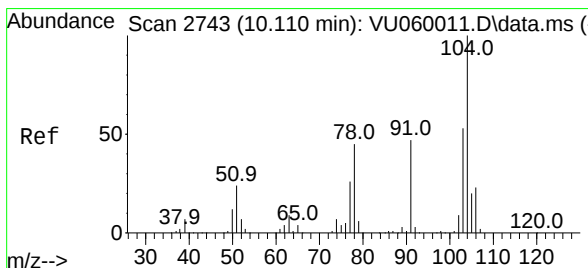
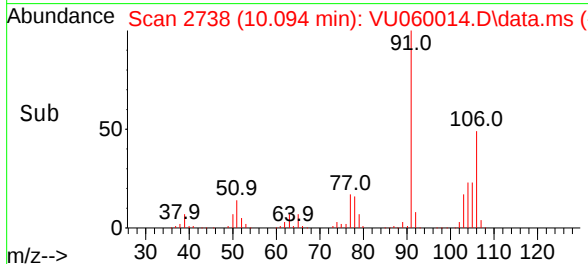
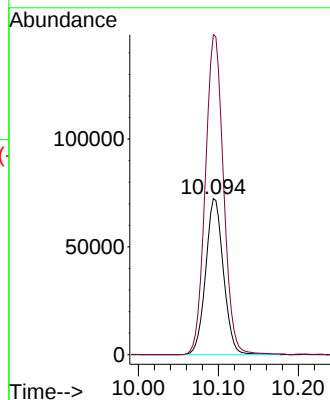
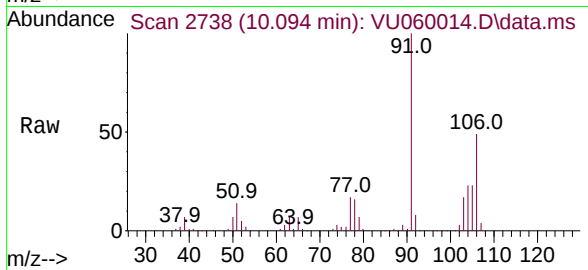




#54
o-Xylene
Concen: 5.416 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. -0.000 min
Lab File: VU060014.D
Acq: 18 Jul 2024 13:19

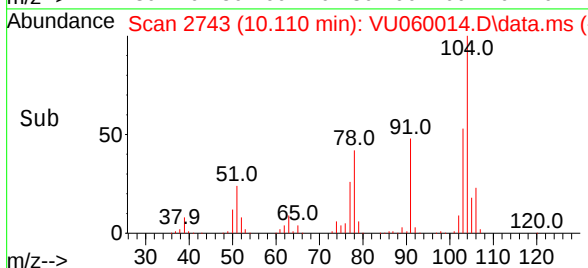
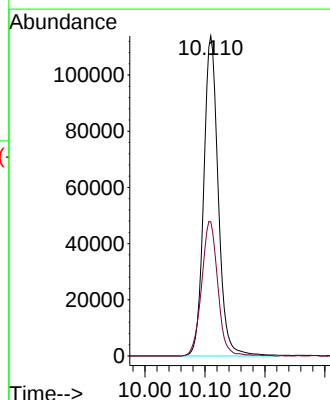
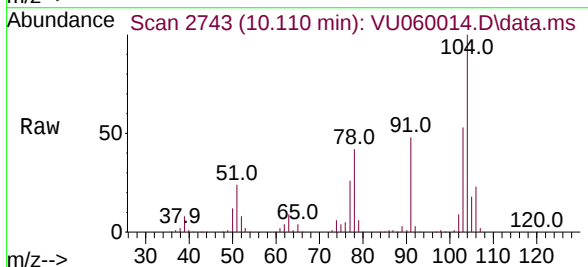
Instrument :
MSVOA_U
ClientSampleId :

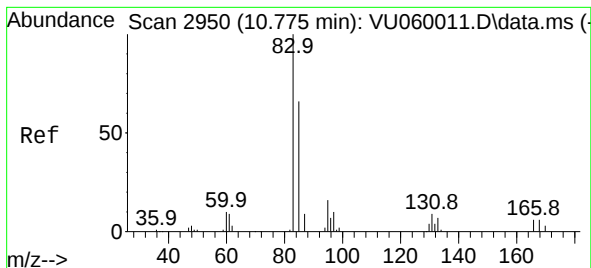
Tgt Ion:106 Resp: 112120
Ion Ratio Lower Upper
106 100
91 205.1 143.6 266.6



#55
Styrene
Concen: 5.459 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU060014.D
Acq: 18 Jul 2024 13:19

Tgt Ion:104 Resp: 192371
Ion Ratio Lower Upper
104 100
78 41.9 31.4 58.4





#57

1,1,2,2-Tetrachloroethane

Concen: 5.208 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU060014.D

Acq: 18 Jul 2024 13:19

Instrument :

MSVOA_U

ClientSampleId :

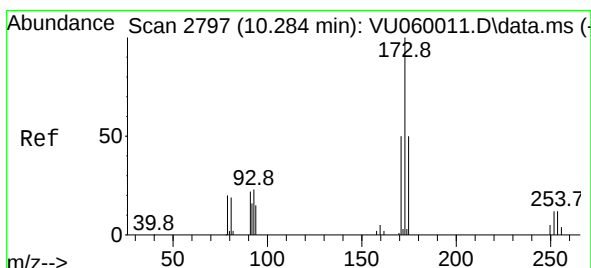
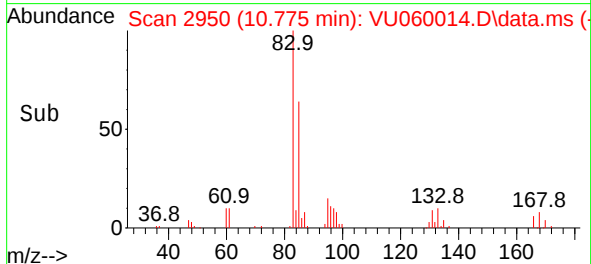
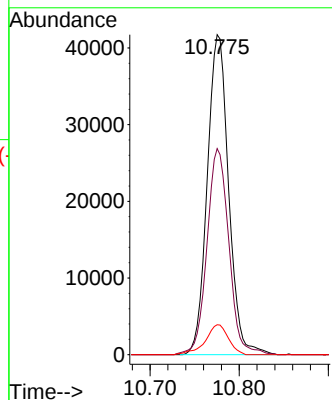
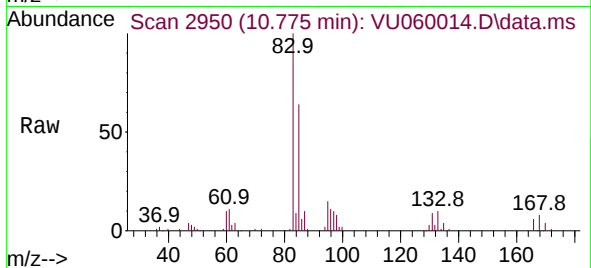
Tgt Ion: 83 Resp: 69447

Ion Ratio Lower Upper

83 100

85 64.4 46.8 87.0

131 9.4 7.8 11.6



#59

Bromoform

Concen: 4.965 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.000 min

Lab File: VU060014.D

Acq: 18 Jul 2024 13:19

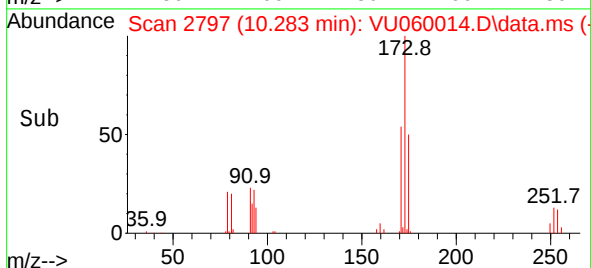
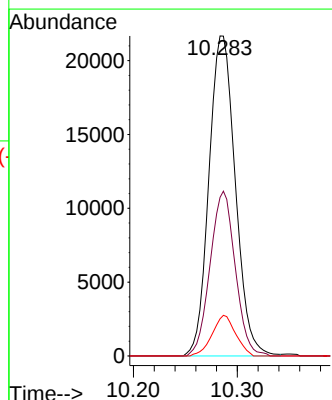
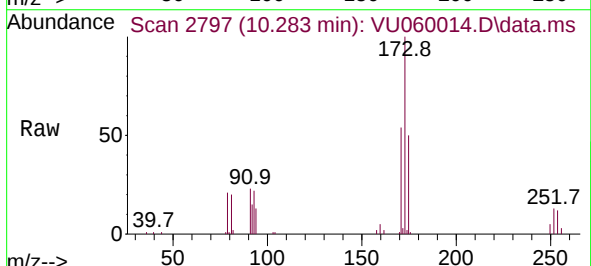
Tgt Ion:173 Resp: 38236

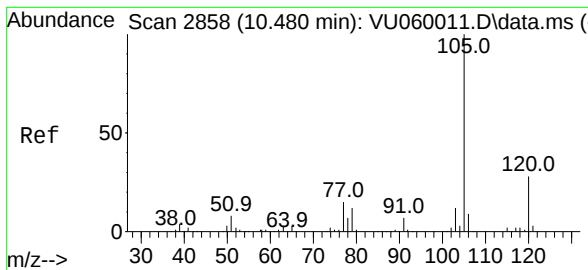
Ion Ratio Lower Upper

173 100

175 49.0 38.7 58.1

254 11.3 9.0 13.4





#60

Isopropylbenzene

Concen: 5.242 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. -0.000 min

Lab File: VU060014.D

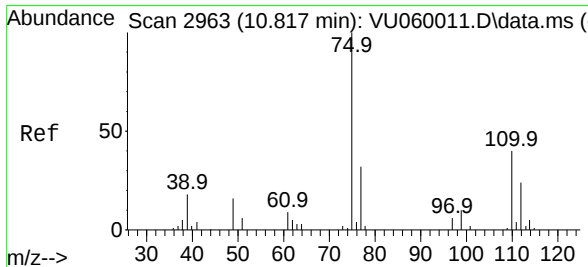
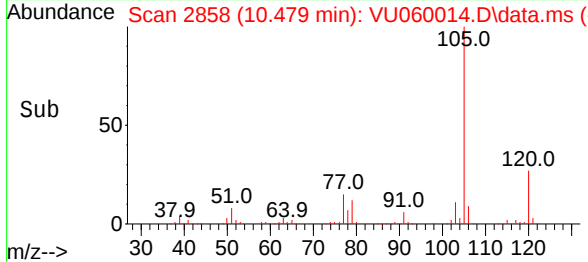
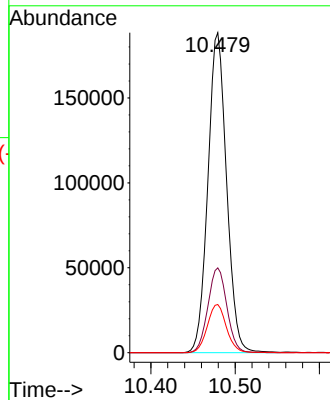
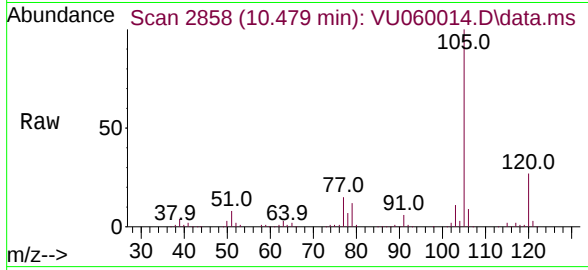
Acq: 18 Jul 2024 13:19

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	105	Resp:	290498
Ion Ratio	Lower	Upper	
105	100		
120	26.9	21.9	32.9
77	15.5	12.1	18.1



#61

1,2,3-Trichloropropane

Concen: 5.312 ug/L

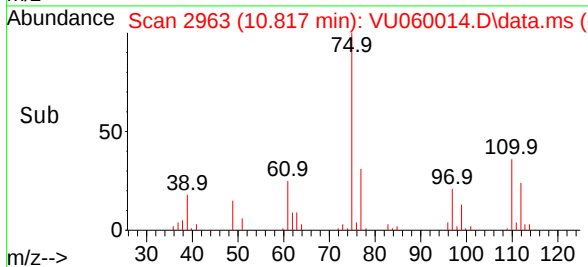
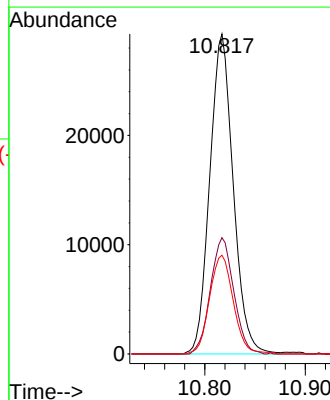
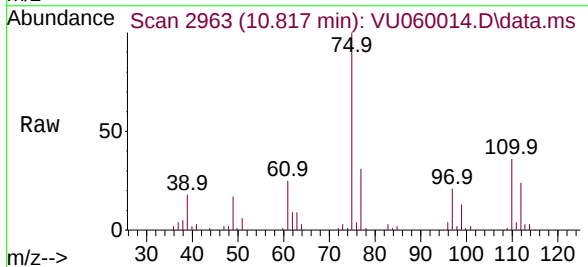
RT: 10.817 min Scan# 2963

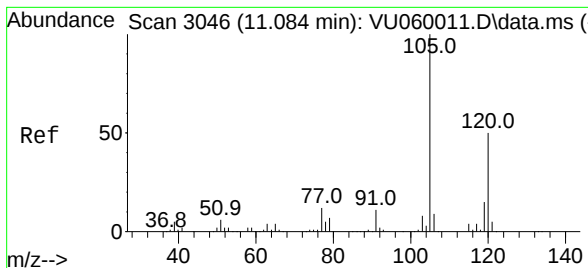
Delta R.T. -0.000 min

Lab File: VU060014.D

Acq: 18 Jul 2024 13:19

Tgt Ion:	75	Resp:	47455
Ion Ratio	Lower	Upper	
75	100		
110	36.2	30.8	46.2
77	31.3	26.2	39.2





#62

1,3,5-Trimethylbenzene

Concen: 5.378 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. -0.000 min

Lab File: VU060014.D

Acq: 18 Jul 2024 13:19

Instrument :

MSVOA_U

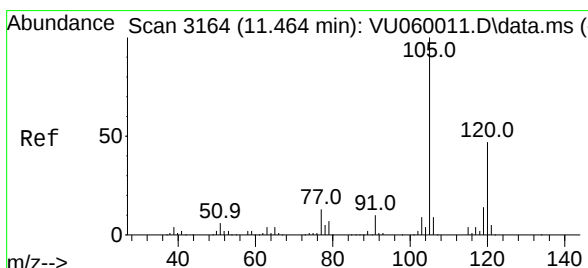
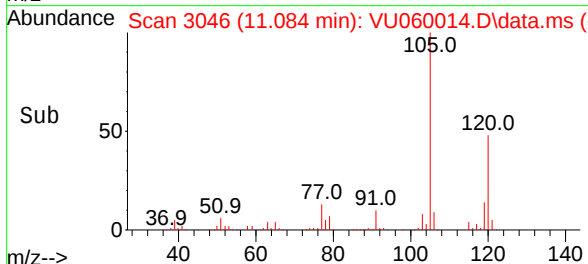
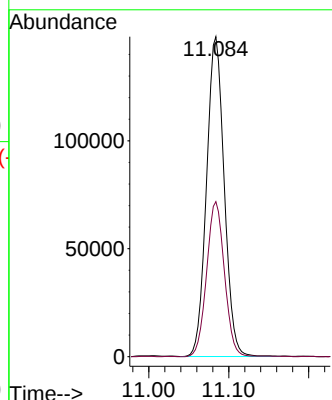
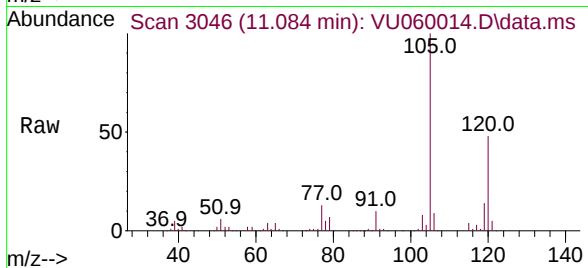
ClientSampleId :

Tgt Ion:105 Resp: 227717

Ion Ratio Lower Upper

105 100

120 49.0 39.4 59.2



#63

1,2,4-Trimethylbenzene

Concen: 5.586 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. -0.000 min

Lab File: VU060014.D

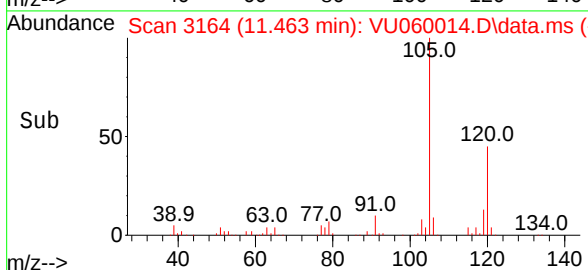
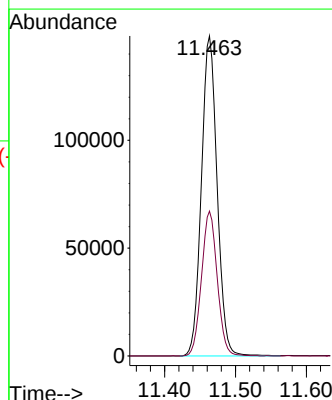
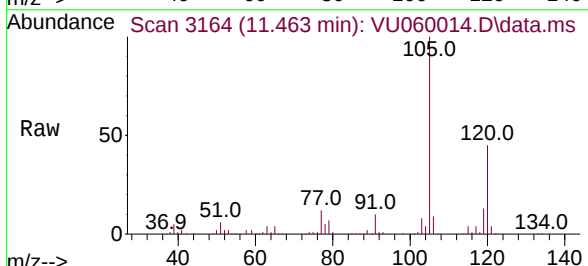
Acq: 18 Jul 2024 13:19

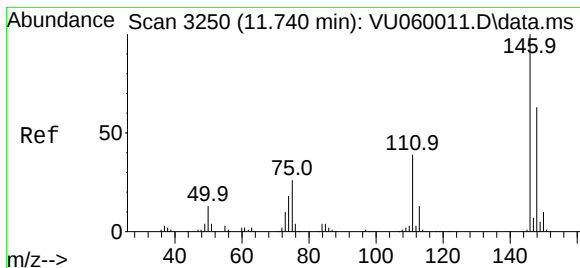
Tgt Ion:105 Resp: 228556

Ion Ratio Lower Upper

105 100

120 45.2 36.7 55.1





#64

1,3-Dichlorobenzene

Concen: 5.070 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. -0.000 min

Lab File: VU060014.D

Acq: 18 Jul 2024 13:19

Instrument :

MSVOA_U

ClientSampleId :

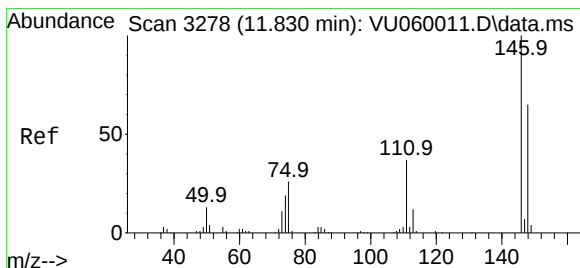
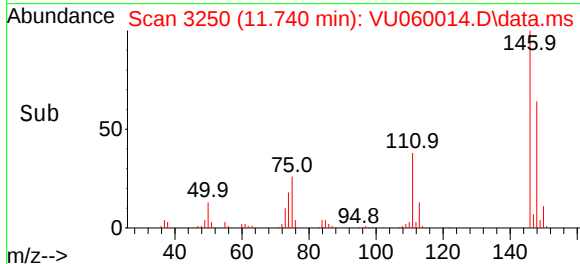
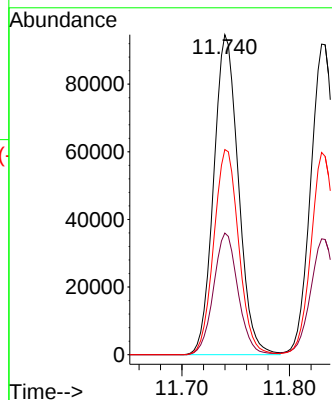
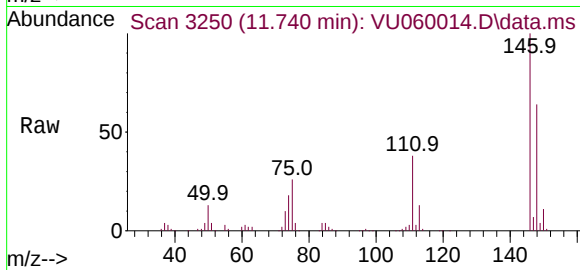
Tgt Ion:146 Resp: 151187

Ion Ratio Lower Upper

146 100

111 38.0 27.2 50.4

148 64.1 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 4.963 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.000 min

Lab File: VU060014.D

Acq: 18 Jul 2024 13:19

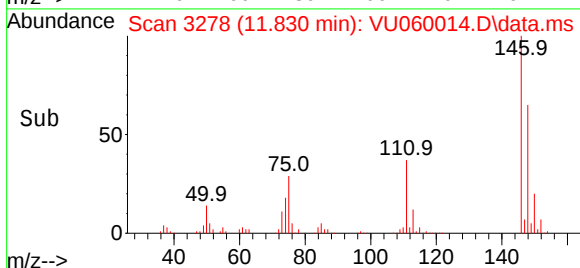
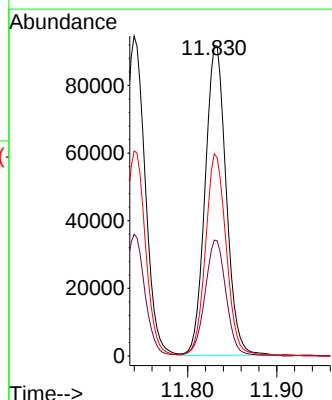
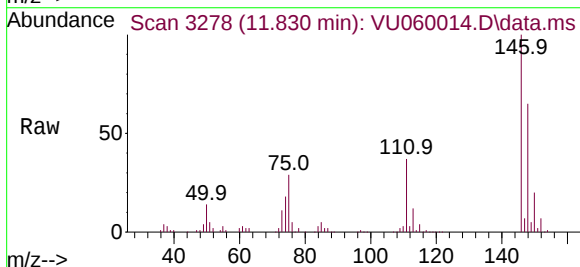
Tgt Ion:146 Resp: 150652

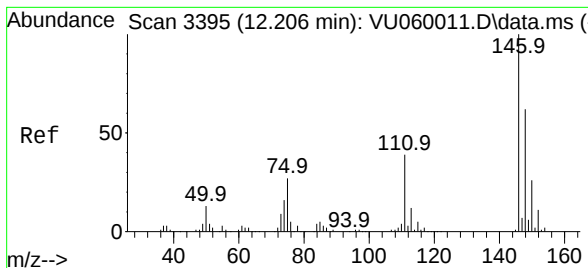
Ion Ratio Lower Upper

146 100

111 37.3 26.5 49.1

148 65.1 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 5.182 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU060014.D

Acq: 18 Jul 2024 13:19

Instrument :

MSVOA_U

ClientSampleId :

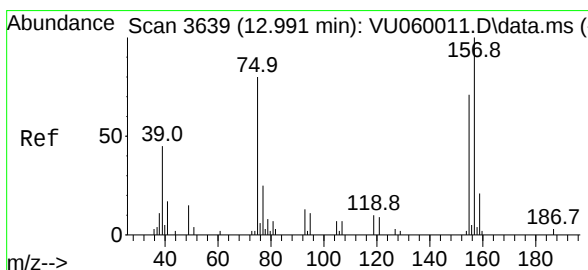
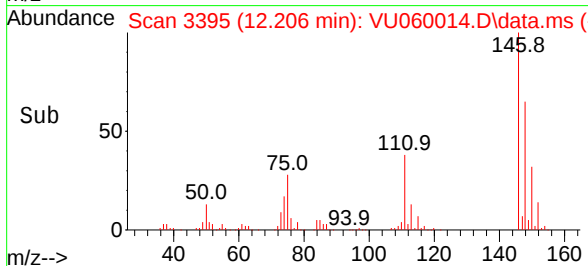
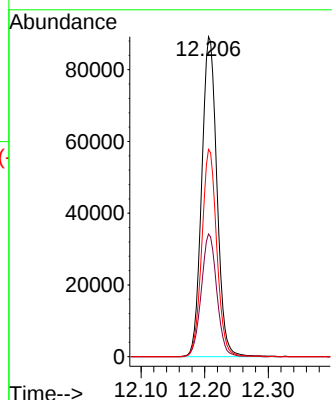
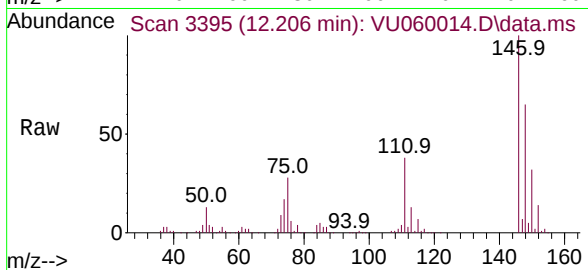
Tgt Ion:146 Resp: 147905

Ion Ratio Lower Upper

146 100

111 38.3 30.9 46.3

148 64.8 49.8 74.8



#68

1,2-Dibromo-3-chloropropane

Concen: 5.886 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU060014.D

Acq: 18 Jul 2024 13:19

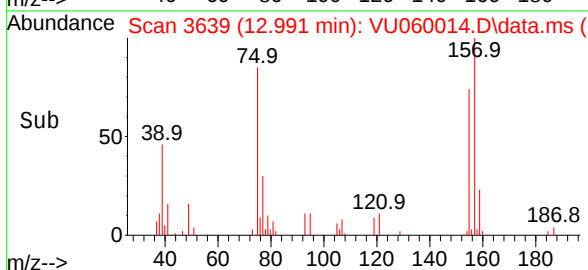
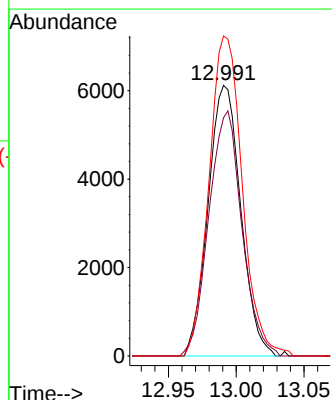
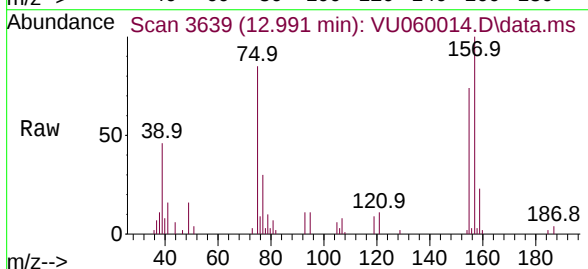
Tgt Ion: 75 Resp: 10248

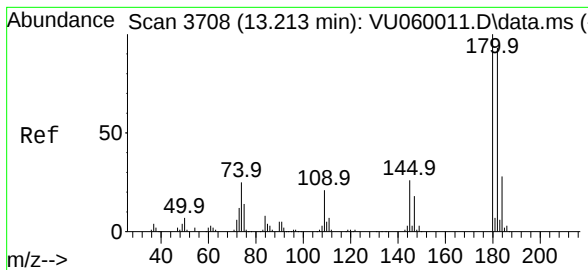
Ion Ratio Lower Upper

75 100

155 88.1 70.6 105.8

157 118.3 99.4 149.2





#69

1,3,5-Trichlorobenzene

Concen: 5.026 ug/L

RT: 13.212 min Scan# 31

Delta R.T. -0.000 min

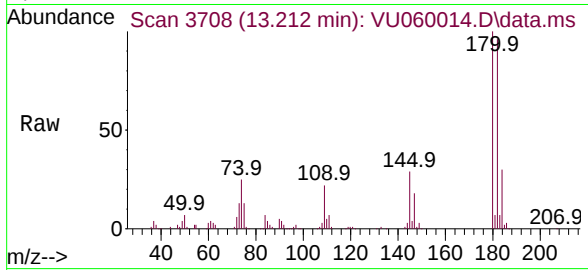
Lab File: VU060014.D

Acq: 18 Jul 2024 13:19

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 113127

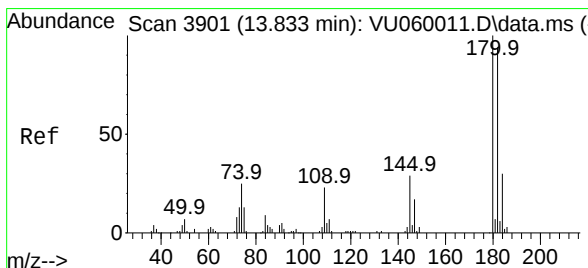
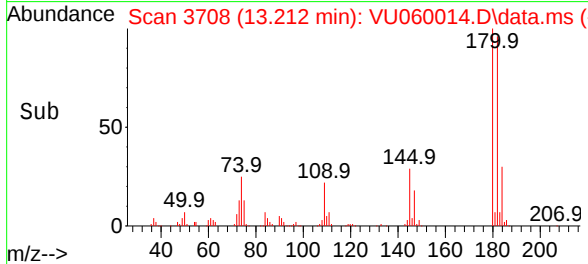
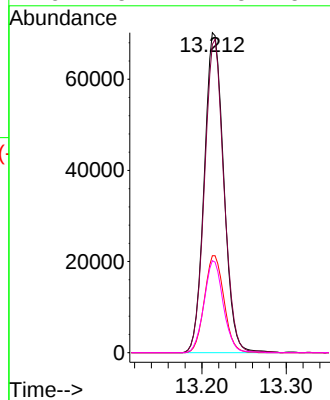
Ion Ratio Lower Upper

180 100

182 97.3 74.6 111.8

184 30.3 23.1 34.7

145 28.4 21.3 31.9



#70

1,2,4-trichlorobenzene

Concen: 5.598 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.003 min

Lab File: VU060014.D

Acq: 18 Jul 2024 13:19

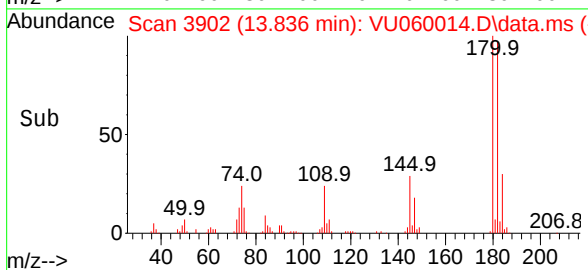
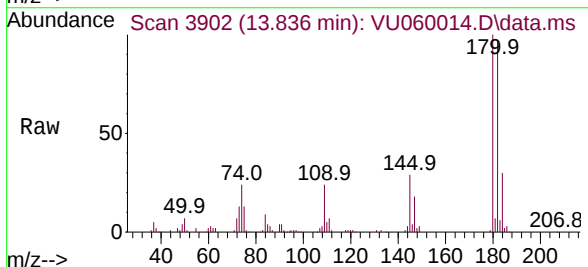
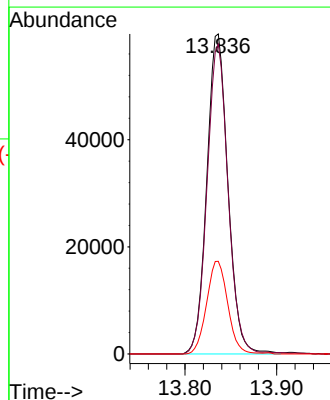
Tgt Ion:180 Resp: 95894

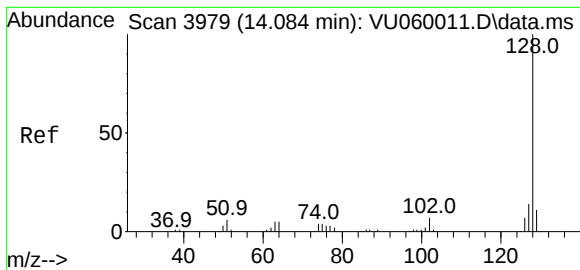
Ion Ratio Lower Upper

180 100

182 96.1 77.2 115.8

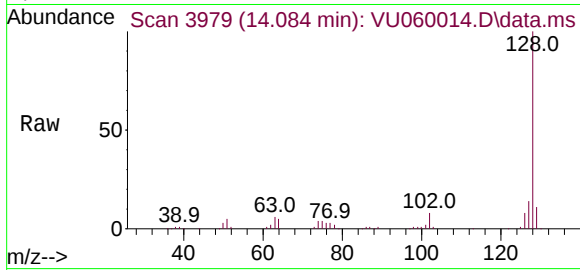
145 28.9 23.0 34.4



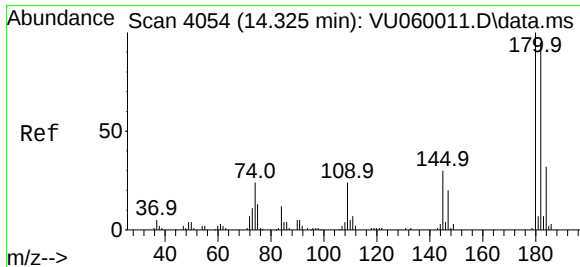
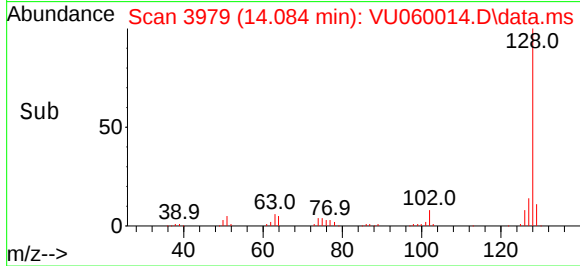
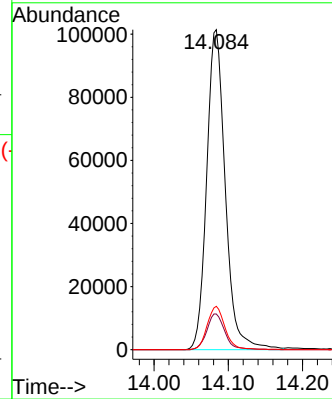


#71
Naphthalene
Concen: 7.269 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. -0.000 min
Lab File: VU060014.D
Acq: 18 Jul 2024 13:19

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 176424
Ion Ratio Lower Upper
128 100
129 10.8 8.2 12.4
127 13.0 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 6.219 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VU060014.D
Acq: 18 Jul 2024 13:19

Tgt Ion:180 Resp: 95795
Ion Ratio Lower Upper
180 100
182 95.7 76.3 114.5
145 29.2 23.9 35.9

