

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082824\
 Data File : VU060554.D
 Acq On : 28 Aug 2024 09:56
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 29 05:43:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 27 05:49:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	155955	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	149507	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	78217	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	35044	5.088	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.800%
7) Chloroethane-d5	1.904	69	35398	3.392	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	67.800%
11) 1,1-Dichloroethene-d2	2.560	65	15519	3.823	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.400%
20) 2-Butanone-d5	4.618	46	109096	46.057	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.120%
24) Chloroform-d	5.055	84	92860	4.728	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	5.695	65	45531	4.443	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
32) Benzene-d6	5.721	84	166868	5.104	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
36) 1,2-Dichloropropane-d6	6.682	67	56405	5.347	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.000%
41) Toluene-d8	7.891	98	156139	5.091	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
43) trans-1,3-Dichloroprop...	8.174	79	18518	4.906	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.200%
46) 2-Hexanone-d5	8.627	63	87283	48.297	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.600%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	48433	5.160	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	57688	5.002	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	87105	4.922	ug/L	97
3) Chloromethane	1.518	50	82996	5.412	ug/L	98
5) Vinyl chloride	1.599	62	87558	5.799	ug/L	97
6) Bromomethane	1.846	94	52863	3.479	ug/L	91
8) Chloroethane	1.927	64	47580	3.454	ug/L	98
9) Trichlorofluoromethane	2.132	101	117202	3.570	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	64468	4.642	ug/L	99
12) 1,1-Dichloroethene	2.573	96	58186	4.552	ug/L	87
13) Acetone	2.624	43	75749	38.217	ug/L	91
14) Carbon disulfide	2.785	76	195595	4.716	ug/L	99
15) Methyl Acetate	2.952	43	21102	5.207	ug/L	100
16) Methylene chloride	3.036	84	65711	5.293	ug/L	84
17) Methyl tert-butyl Ether	3.357	73	128689	4.961	ug/L	96
18) trans-1,2-Dichloroethene	3.344	96	60422	5.430	ug/L	97
19) 1,1-Dichloroethane	3.859	63	115245	5.111	ug/L	98
21) 2-Butanone	4.698	43	121047	44.658	ug/L	91
22) cis-1,2-Dichloroethene	4.660	96	65506	5.283	ug/L	92
23) Bromochloromethane	4.968	128	31194	5.536	ug/L #	94
25) Chloroform	5.078	83	119917	5.025	ug/L	98

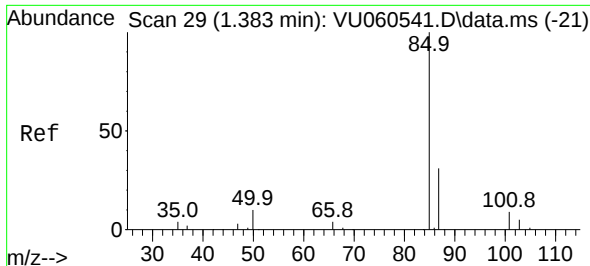
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082824\
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	69876	4.362	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	101512	4.957	ug/L	96
30) Cyclohexane	5.380	56	86692	5.114	ug/L	97
31) Carbon tetrachloride	5.515	117	93824	4.958	ug/L	99
33) Benzene	5.766	78	259395	5.470	ug/L	100
34) Trichloroethene	6.534	95	67511	5.252	ug/L	97
35) Methylcyclohexane	6.756	83	94060	5.334	ug/L	97
37) 1,2-Dichloropropane	6.782	63	69399	5.712	ug/L #	97
38) Bromodichloromethane	7.097	83	83691	5.242	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	92550	5.195	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	312049	49.313	ug/L	96
42) Toluene	7.965	91	276684	5.522	ug/L	97
44) trans-1,3-Dichloropropene	8.206	75	76648	5.241	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	48027	5.457	ug/L	96
47) Tetrachloroethene	8.547	164	55182	5.238	ug/L	97
48) 2-Hexanone	8.679	43	231361	48.854	ug/L	97
49) Dibromochloromethane	8.804	129	56199	5.515	ug/L	96
50) 1,2-Dibromoethane	8.917	107	46843	5.797	ug/L	98
51) Chlorobenzene	9.441	112	173925	5.362	ug/L	98
52) Ethylbenzene	9.566	91	275783	5.193	ug/L	100
53) m,p-Xylene	9.688	106	111896	5.668	ug/L	99
54) o-Xylene	10.093	106	102863	5.090	ug/L	94
55) Styrene	10.109	104	180480	5.450	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	59012	5.251	ug/L	98
59) Bromoform	10.283	173	34635	5.388	ug/L	97
60) Isopropylbenzene	10.479	105	273921	5.242	ug/L	98
61) 1,2,3-Trichloropropane	10.817	75	41135	5.452	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	205491	5.276	ug/L	94
63) 1,2,4-Trimethylbenzene	11.463	105	208646	5.252	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	139263	5.446	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	136050	5.243	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	125841	5.245	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	8236	4.836	ug/L	89
69) 1,3,5-Trichlorobenzene	13.212	180	98791	5.010	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	75501	4.746	ug/L	100
71) Naphthalene	14.084	128	105736	5.202	ug/L	97
72) 1,2,3-Trichlorobenzene	14.325	180	70779	5.316	ug/L	97

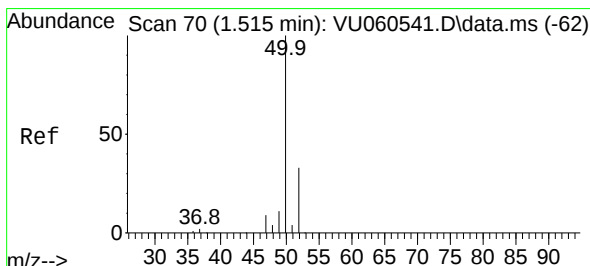
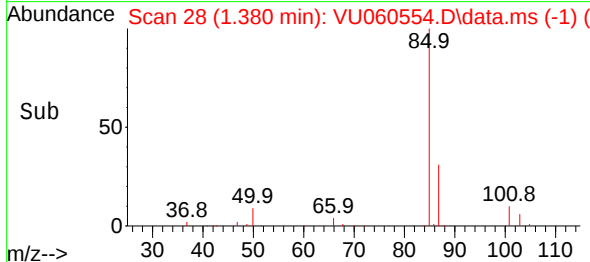
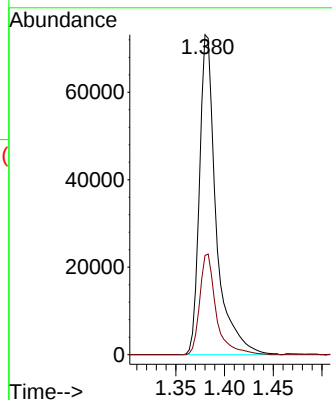
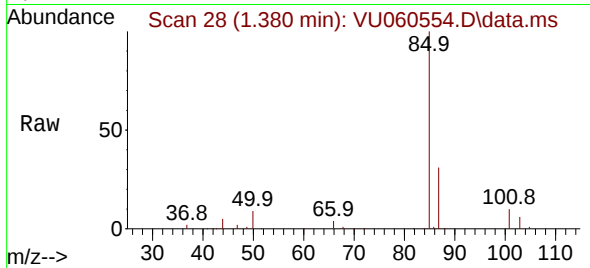
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.922 ug/L
 RT: 1.380 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU060554.D
 Acq: 28 Aug 2024 09:56

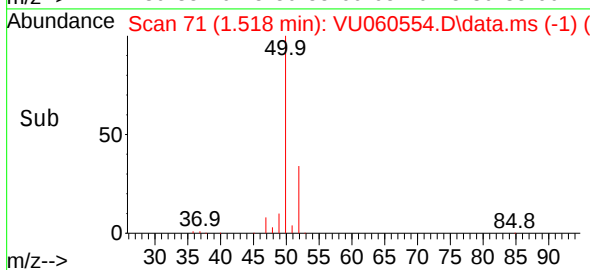
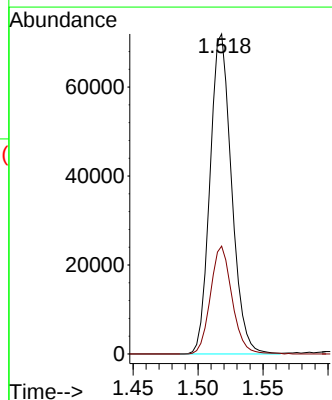
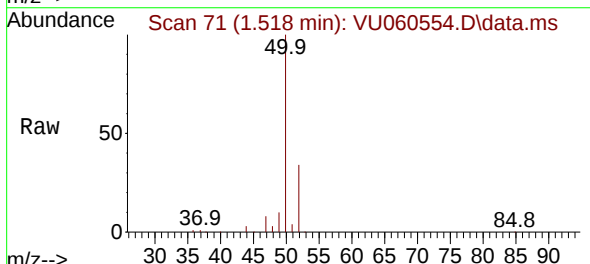
Instrument :
 MSVOA_U
 ClientSampleId :

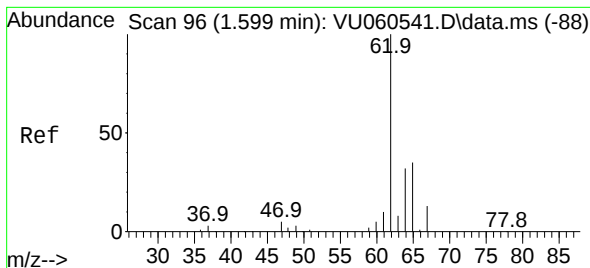
Tgt Ion: 85 Resp: 87105
 Ion Ratio Lower Upper
 85 100
 87 31.0 26.2 39.4



#3
 Chloromethane
 Concen: 5.412 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VU060554.D
 Acq: 28 Aug 2024 09:56

Tgt Ion: 50 Resp: 82996
 Ion Ratio Lower Upper
 50 100
 52 33.7 22.7 42.1





#5

Vinyl chloride

Concen: 5.799 ug/L

RT: 1.599 min Scan# 90

Delta R.T. -0.000 min

Lab File: VU060554.D

Acq: 28 Aug 2024 09:56

Instrument :

MSVOA_U

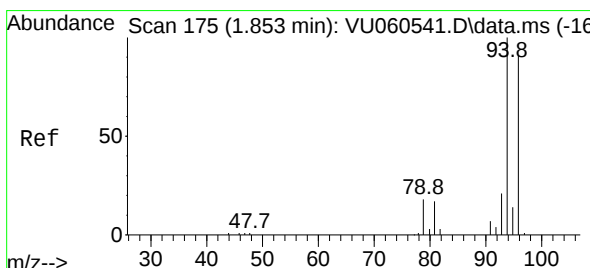
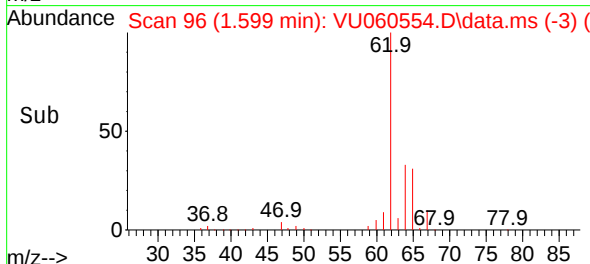
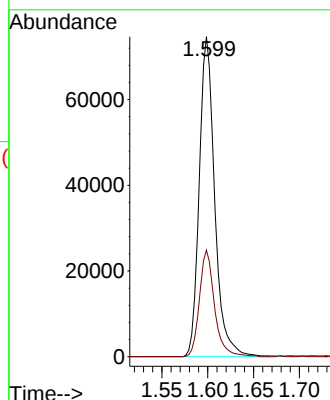
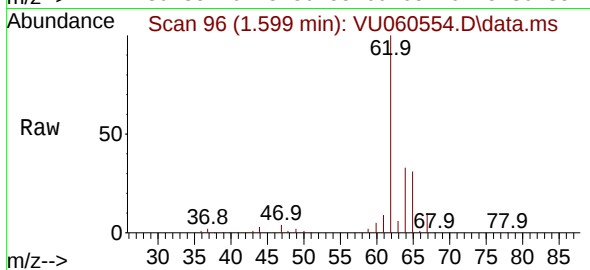
ClientSampleId :

Tgt Ion: 62 Resp: 87558

Ion Ratio Lower Upper

62 100

64 33.3 22.0 40.8



#6

Bromomethane

Concen: 3.479 ug/L

RT: 1.846 min Scan# 173

Delta R.T. -0.007 min

Lab File: VU060554.D

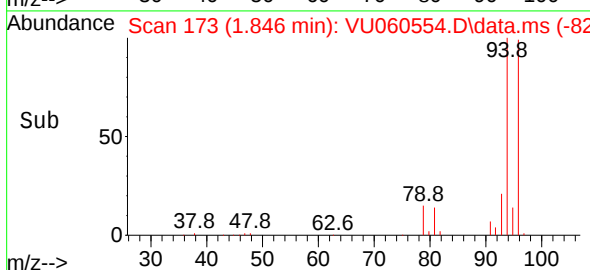
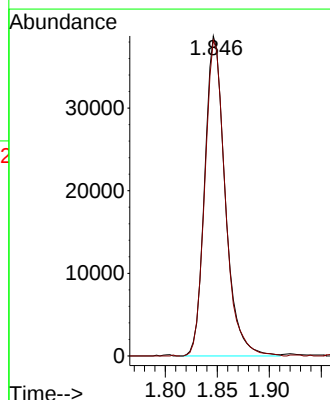
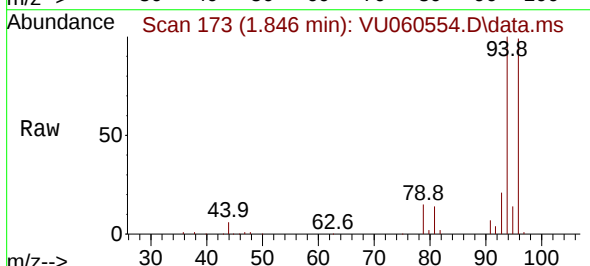
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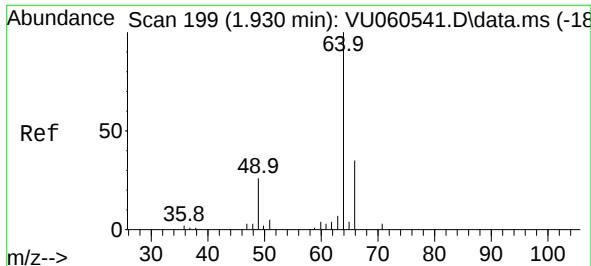
Tgt Ion: 94 Resp: 52863

Ion Ratio Lower Upper

94 100

96 98.6 63.3 117.5

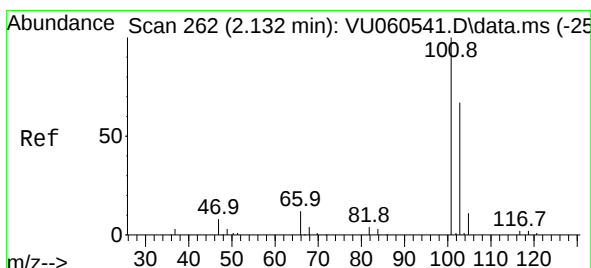
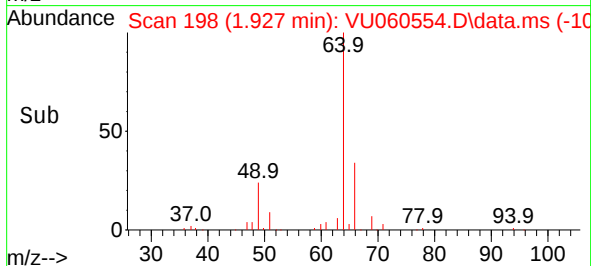
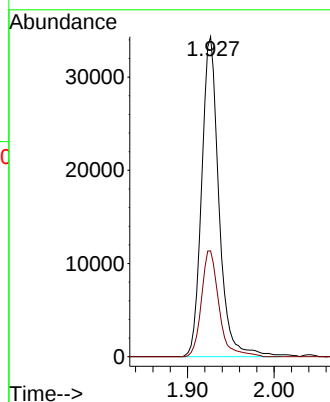
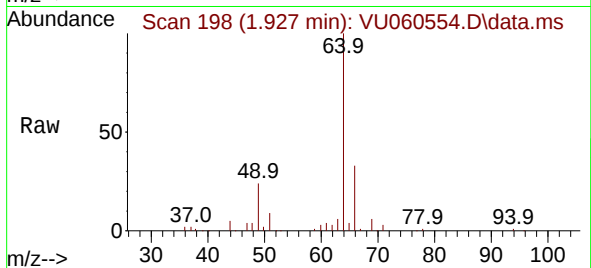




#8
Chloroethane
Concen: 3.454 ug/L
RT: 1.927 min Scan# 199
Delta R.T. -0.003 min
Lab File: VU060554.D
Acq: 28 Aug 2024 09:56

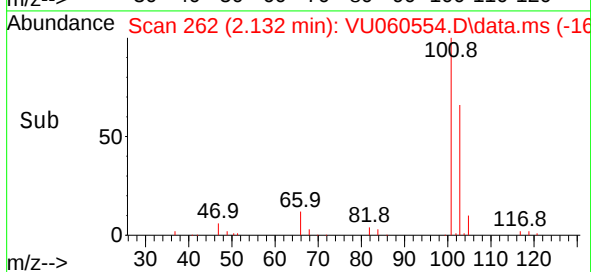
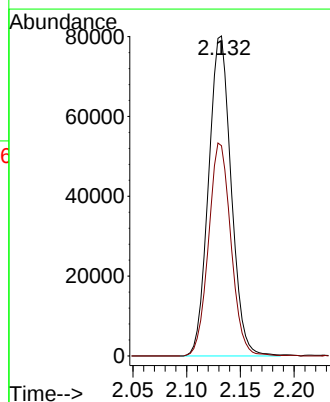
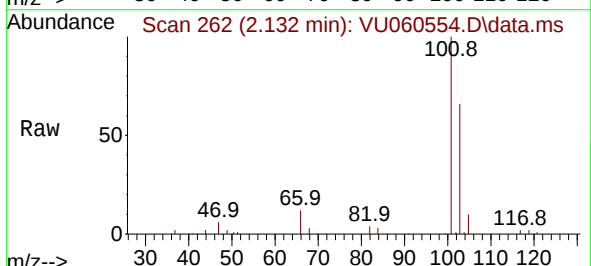
Instrument :
MSVOA_U
ClientSampleId :

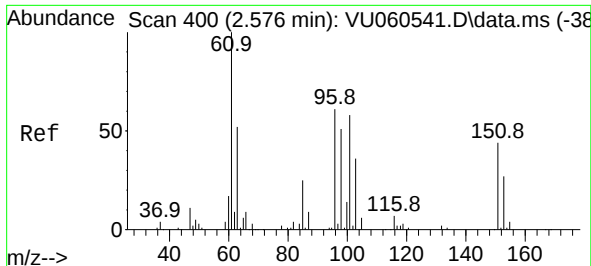
Tgt Ion: 64 Resp: 47580
Ion Ratio Lower Upper
64 100
66 33.1 22.5 41.9



#9
Trichlorofluoromethane
Concen: 3.570 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU060554.D
Acq: 28 Aug 2024 09:56

Tgt Ion:101 Resp: 117202
Ion Ratio Lower Upper
101 100
103 65.9 51.4 77.2

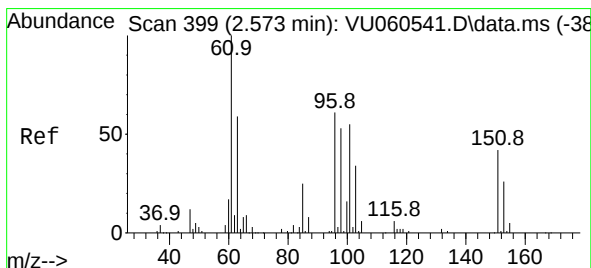
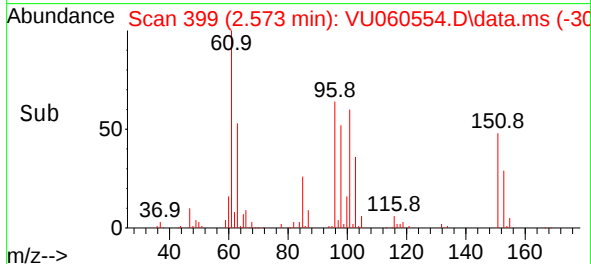
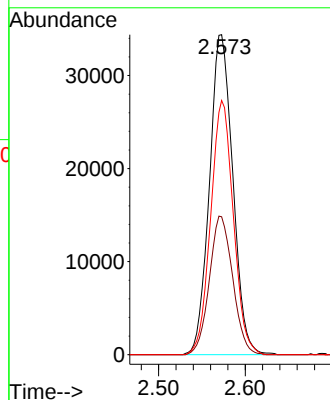
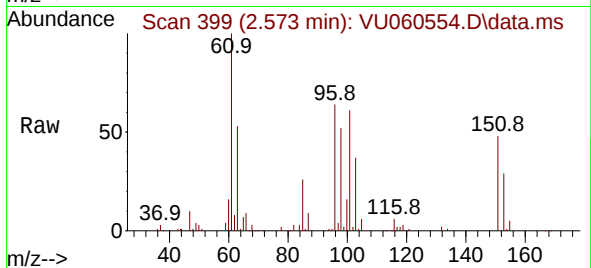




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.642 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU060554.D
Acq: 28 Aug 2024 09:56

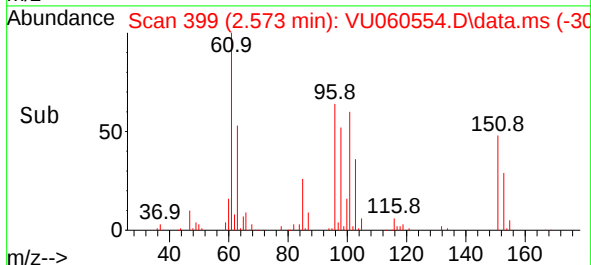
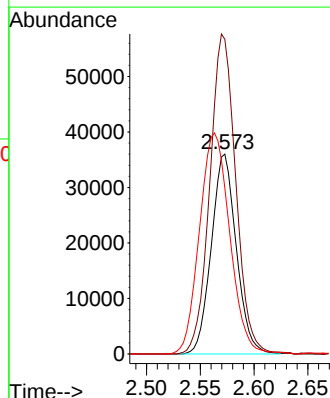
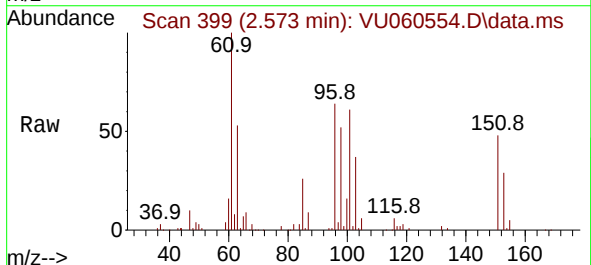
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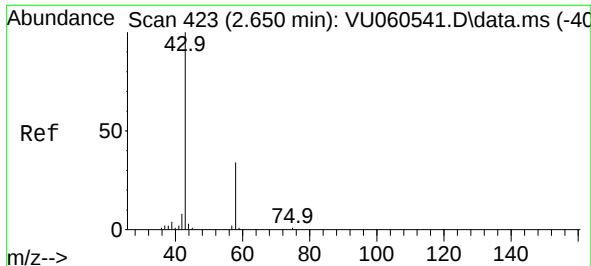
Tgt Ion:101 Resp: 64468
Ion Ratio Lower Upper
101 100
85 43.2 35.8 53.6
151 77.1 61.7 92.5



#12
1,1-Dichloroethene
Concen: 4.552 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU060554.D
Acq: 28 Aug 2024 09:56

Tgt Ion: 96 Resp: 58186
Ion Ratio Lower Upper
96 100
61 157.4 116.4 216.2
63 83.0 74.8 139.0





#13

Acetone

Concen: 38.217 ug/L

RT: 2.624 min Scan# 415

Delta R.T. -0.026 min

Lab File: VU060554.D

Acq: 28 Aug 2024 09:56

Instrument :

MSVOA_U

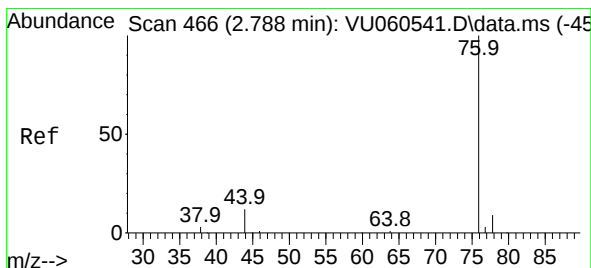
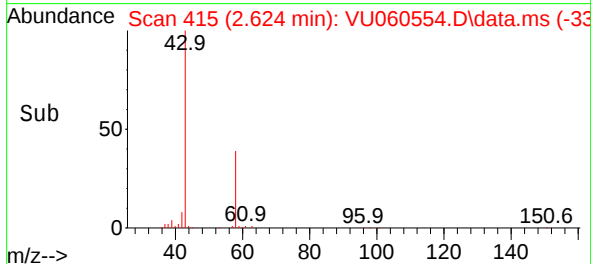
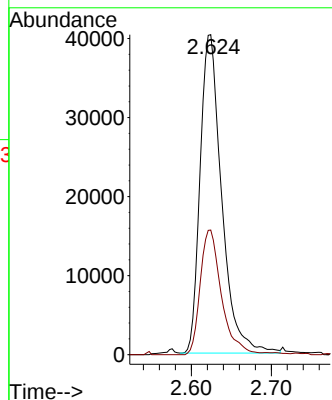
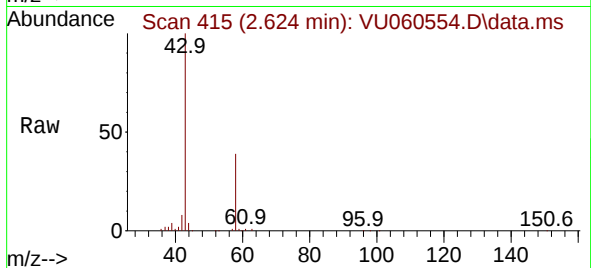
ClientSampleId :

Tgt Ion: 43 Resp: 75749

Ion Ratio Lower Upper

43 100

58 38.4 0.0 66.8



#14

Carbon disulfide

Concen: 4.716 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU060554.D

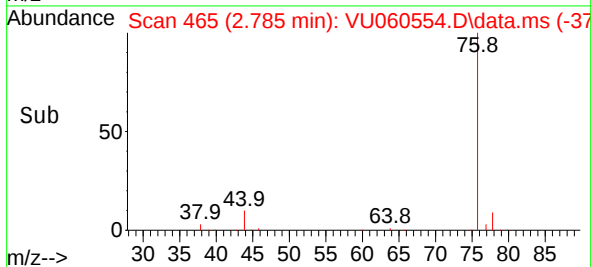
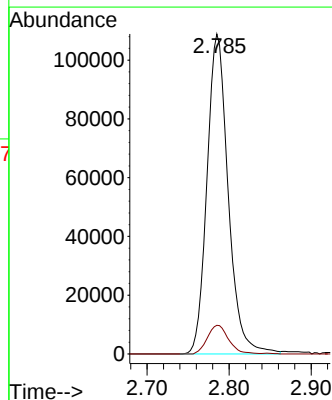
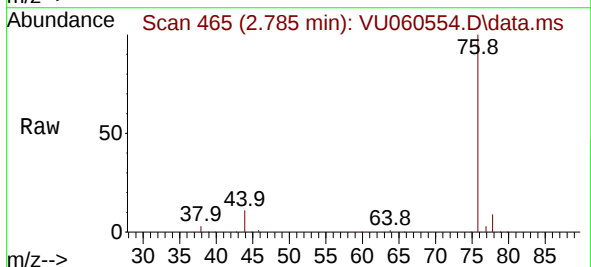
Acq: 28 Aug 2024 09:56

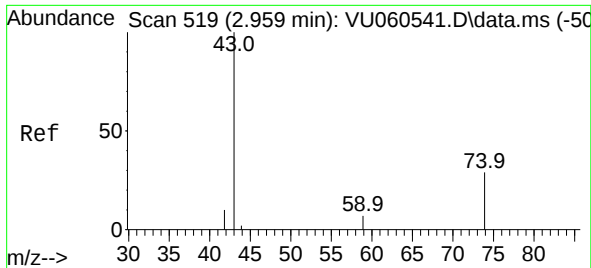
Tgt Ion: 76 Resp: 195595

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.2





#15

Methyl Acetate

Concen: 5.207 ug/L

RT: 2.952 min Scan# 51

Delta R.T. -0.007 min

Lab File: VU060554.D

Acq: 28 Aug 2024 09:56

Instrument :

MSVOA_U

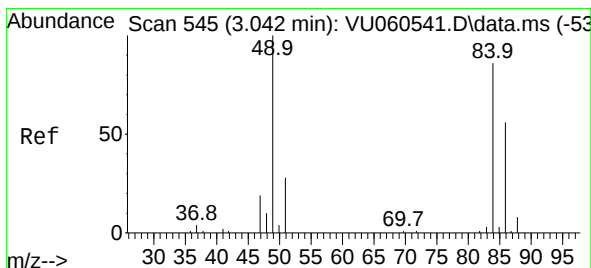
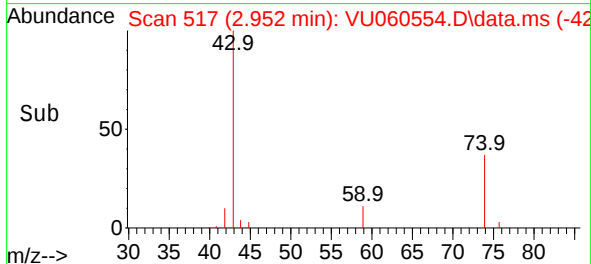
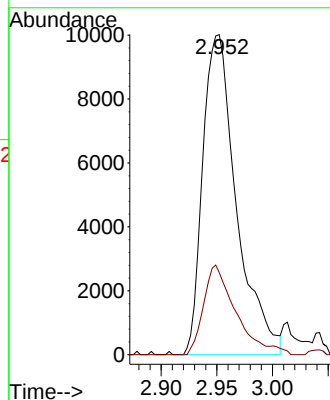
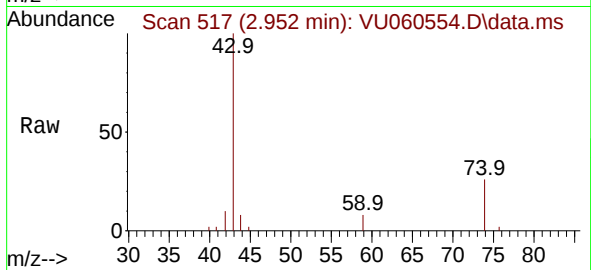
ClientSampleId :

Tgt Ion: 43 Resp: 21102

Ion Ratio Lower Upper

43 100

74 26.8 21.4 32.2



#16

Methylene chloride

Concen: 5.293 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.007 min

Lab File: VU060554.D

Acq: 28 Aug 2024 09:56

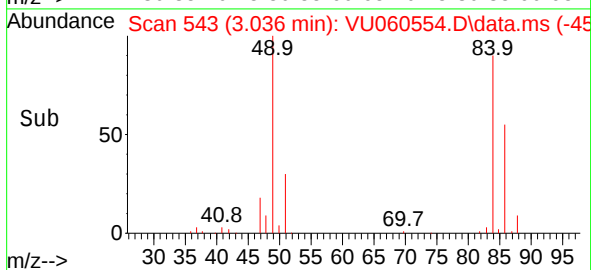
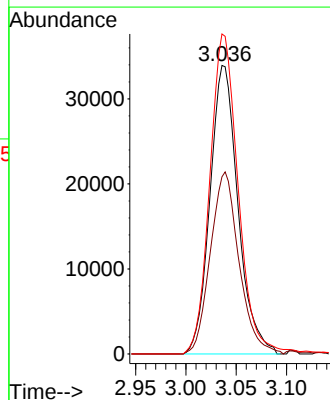
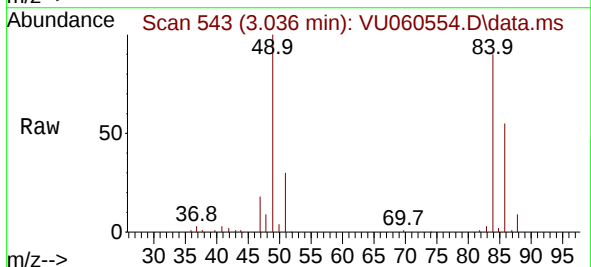
Tgt Ion: 84 Resp: 65711

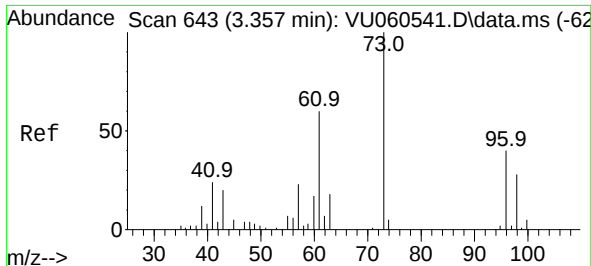
Ion Ratio Lower Upper

84 100

86 61.4 47.5 88.3

49 110.9 94.4 175.2

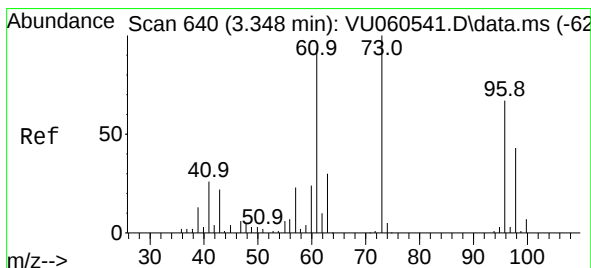
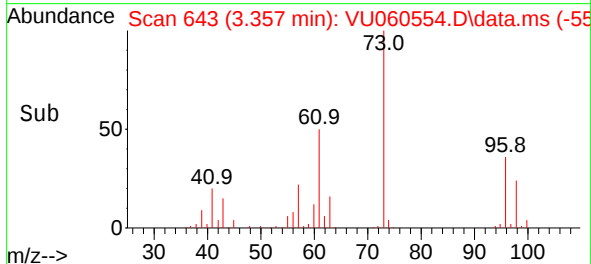
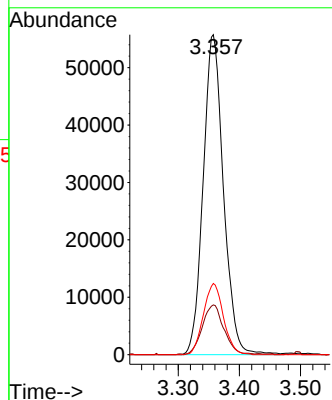
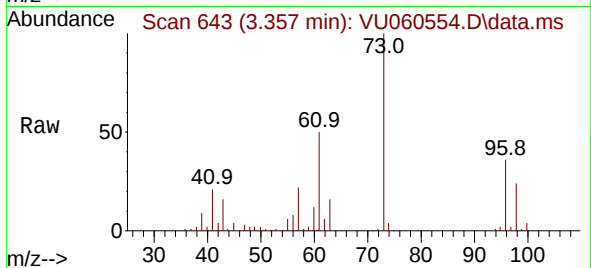




#17
Methyl tert-butyl Ether
Concen: 4.961 ug/L
RT: 3.357 min Scan# 643
Delta R.T. -0.000 min
Lab File: VU060554.D
Acq: 28 Aug 2024 09:56

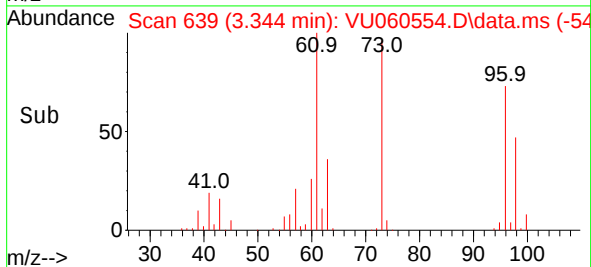
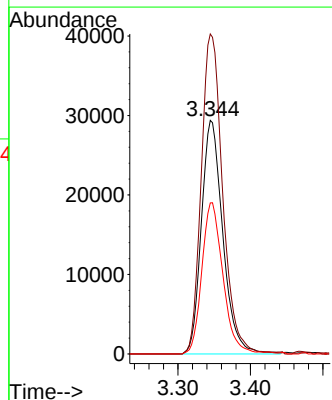
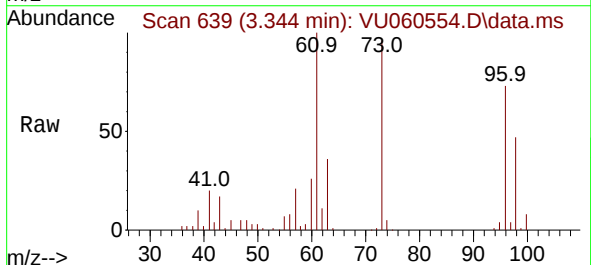
Instrument :
MSVOA_U
ClientSampleId :

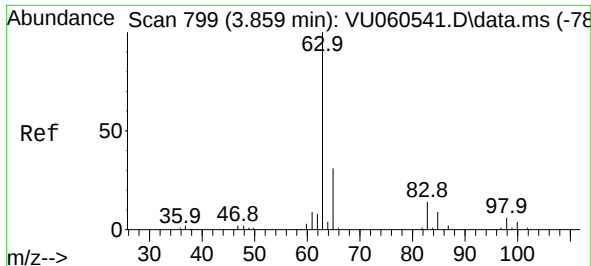
Tgt Ion: 73 Resp: 128689
Ion Ratio Lower Upper
73 100
43 16.6 15.8 23.6
57 22.0 16.8 25.2



#18
trans-1,2-Dichloroethene
Concen: 5.430 ug/L
RT: 3.344 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU060554.D
Acq: 28 Aug 2024 09:56

Tgt Ion: 96 Resp: 60422
Ion Ratio Lower Upper
96 100
61 137.0 99.2 184.2
98 64.6 44.0 81.8

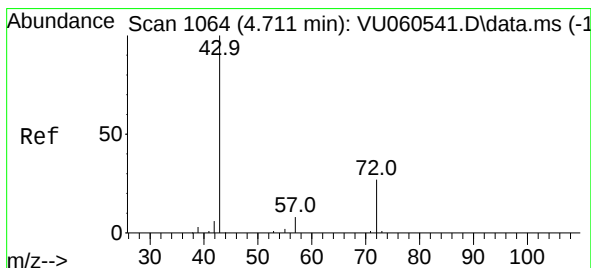
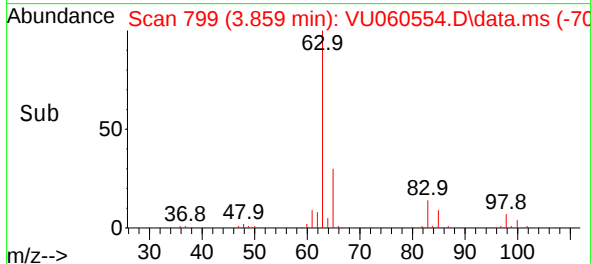
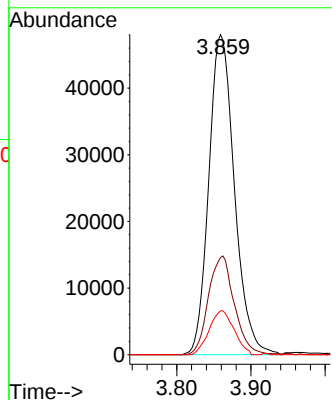
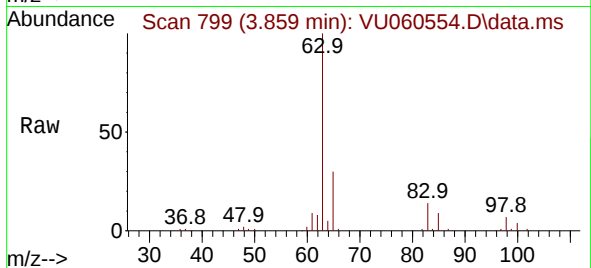




#19
1,1-Dichloroethane
Concen: 5.111 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU060554.D
Acq: 28 Aug 2024 09:56

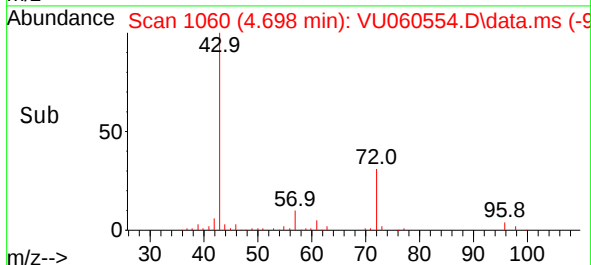
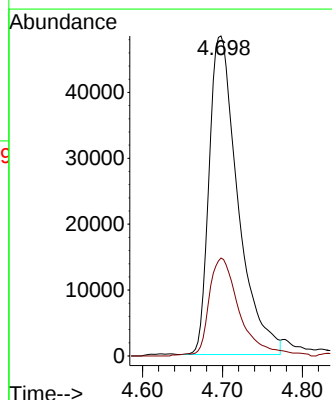
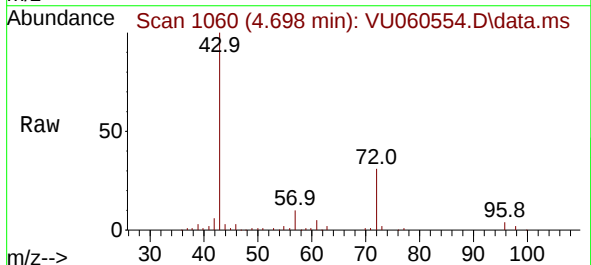
Instrument :
MSVOA_U
ClientSampleId :

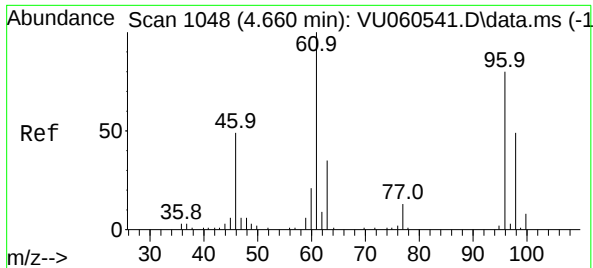
Tgt Ion: 63 Resp: 115245
Ion Ratio Lower Upper
63 100
65 30.4 20.5 38.1
83 13.7 9.2 17.2



#21
2-Butanone
Concen: 44.658 ug/L
RT: 4.698 min Scan# 1060
Delta R.T. -0.013 min
Lab File: VU060554.D
Acq: 28 Aug 2024 09:56

Tgt Ion: 43 Resp: 121047
Ion Ratio Lower Upper
43 100
72 32.8 14.0 42.0

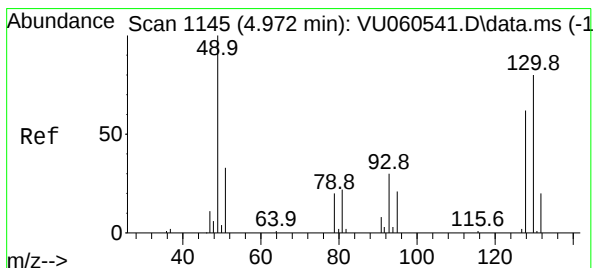
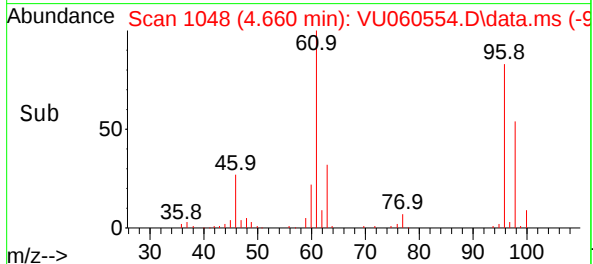
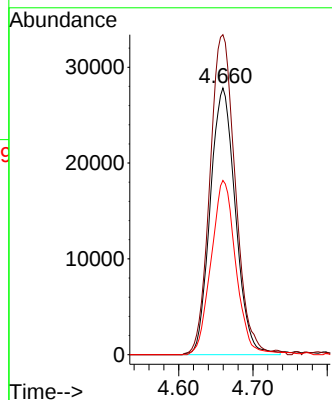
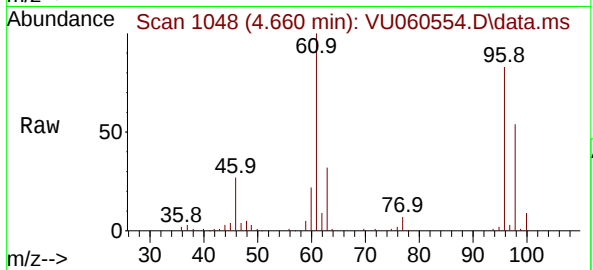




#22
cis-1,2-Dichloroethene
Concen: 5.283 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. -0.000 min
Lab File: VU060554.D
Acq: 28 Aug 2024 09:56

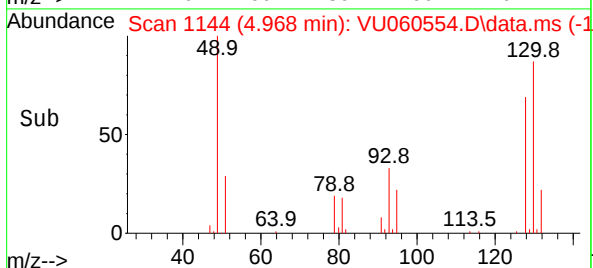
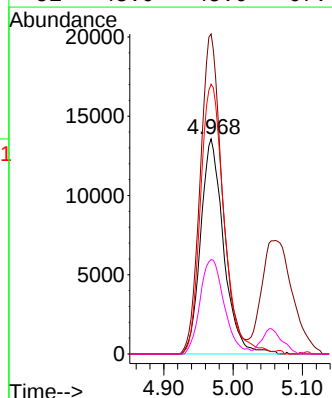
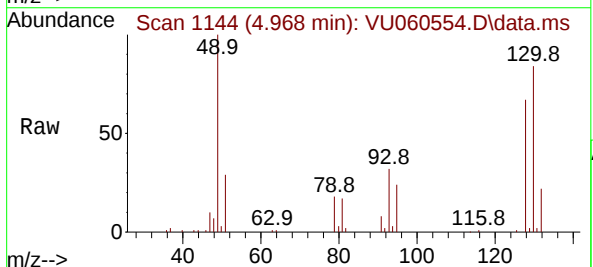
Instrument :
MSVOA_U
ClientSampleId :

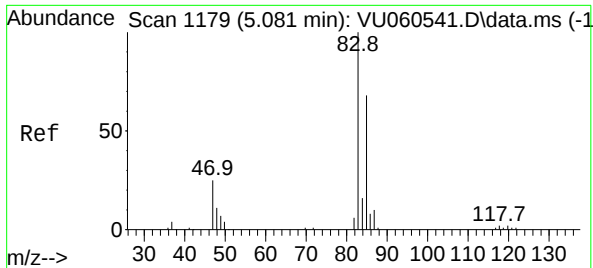
Tgt Ion: 96 Resp: 65506
Ion Ratio Lower Upper
96 100
61 120.0 92.9 172.5
98 65.4 45.0 83.6



#23
Bromochloromethane
Concen: 5.536 ug/L
RT: 4.968 min Scan# 1144
Delta R.T. -0.003 min
Lab File: VU060554.D
Acq: 28 Aug 2024 09:56

Tgt Ion:128 Resp: 31194
Ion Ratio Lower Upper
128 100
49 153.0 108.1 200.7
130 125.5 93.1 172.9
51 43.9 45.0 67.4#

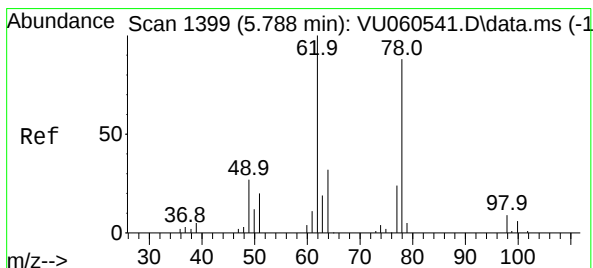
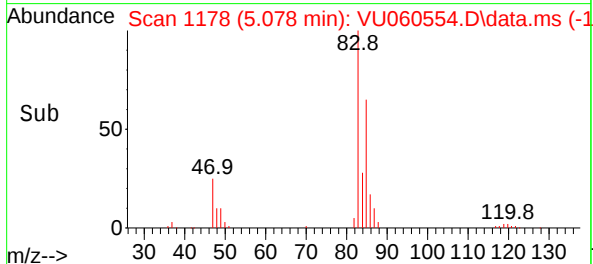
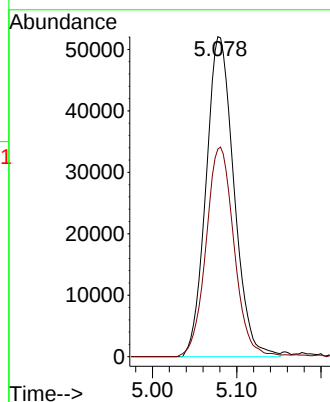
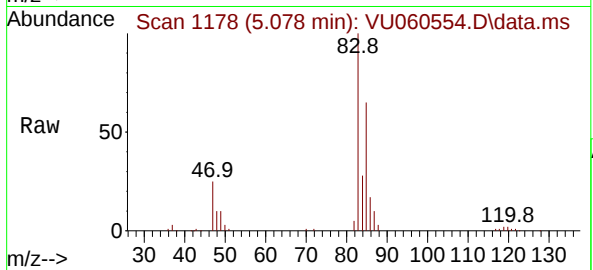




#25
Chloroform
Concen: 5.025 ug/L
RT: 5.078 min Scan# 1179
Delta R.T. -0.003 min
Lab File: VU060554.D
Acq: 28 Aug 2024 09:56

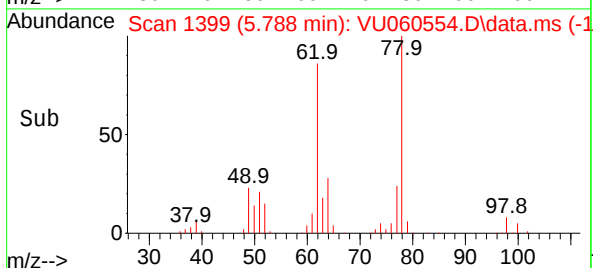
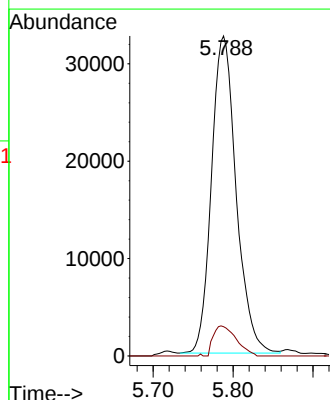
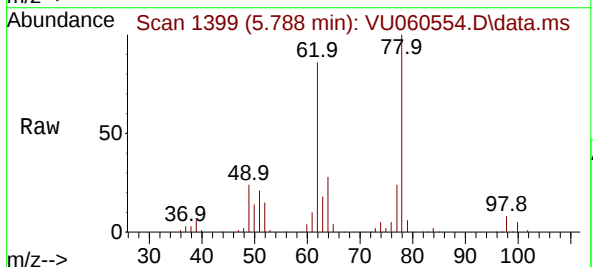
Instrument :
MSVOA_U
ClientSampleId :

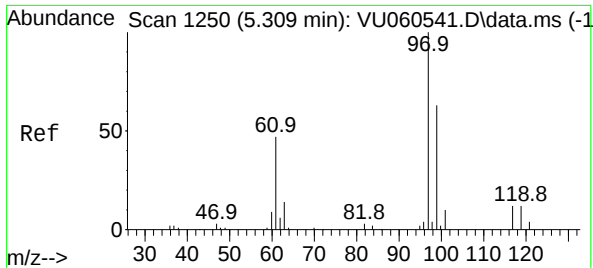
Tgt Ion: 83 Resp: 119917
Ion Ratio Lower Upper
83 100
85 64.8 46.4 86.2



#27
1,2-Dichloroethane
Concen: 4.362 ug/L
RT: 5.788 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VU060554.D
Acq: 28 Aug 2024 09:56

Tgt Ion: 62 Resp: 69876
Ion Ratio Lower Upper
62 100
98 9.2 7.0 10.4

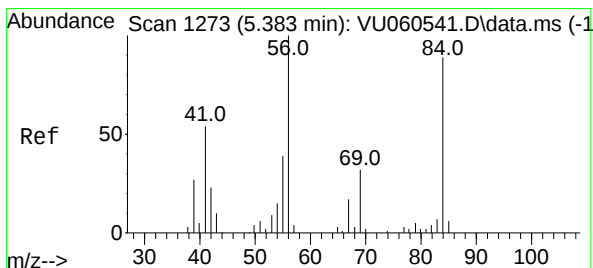
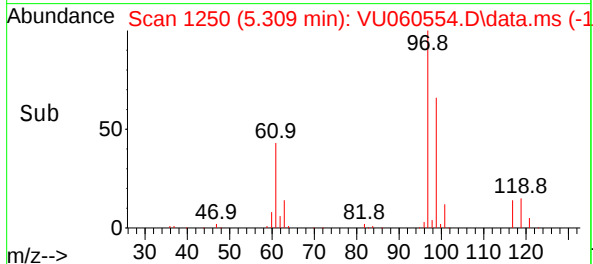
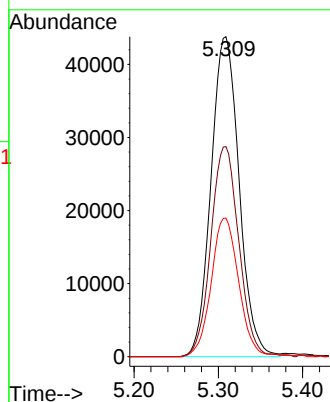
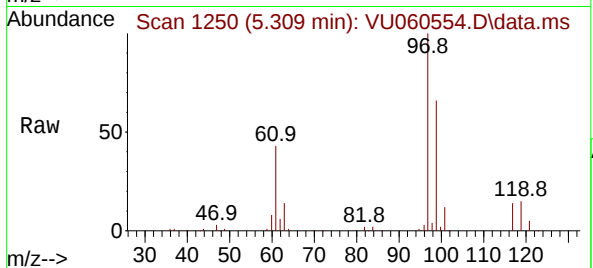




#29
1,1,1-Trichloroethane
Concen: 4.957 ug/L
RT: 5.309 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU060554.D
Acq: 28 Aug 2024 09:56

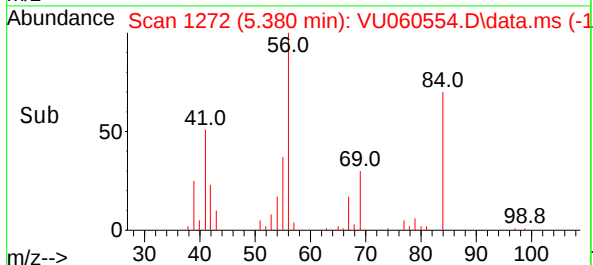
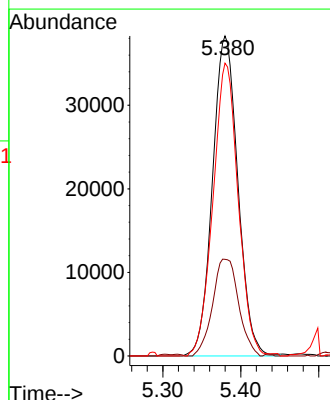
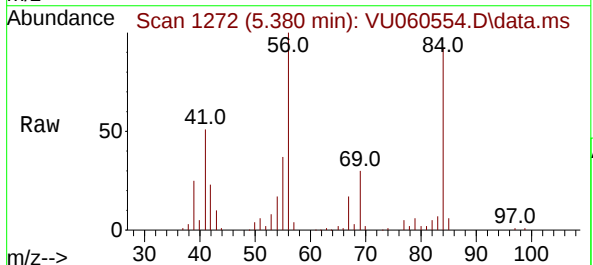
Instrument :
MSVOA_U
ClientSampleId :

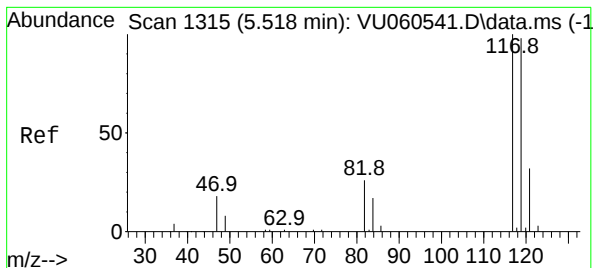
Tgt Ion: 97 Resp: 101512
Ion Ratio Lower Upper
97 100
99 65.6 49.7 74.5
61 42.5 35.4 53.2



#30
Cyclohexane
Concen: 5.114 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.003 min
Lab File: VU060554.D
Acq: 28 Aug 2024 09:56

Tgt Ion: 56 Resp: 86692
Ion Ratio Lower Upper
56 100
69 31.0 24.2 36.2
84 90.6 69.7 104.5





#31

Carbon tetrachloride

Concen: 4.958 ug/L

RT: 5.515 min Scan# 1315

Delta R.T. -0.003 min

Lab File: VU060554.D

Acq: 28 Aug 2024 09:56

Instrument :

MSVOA_U

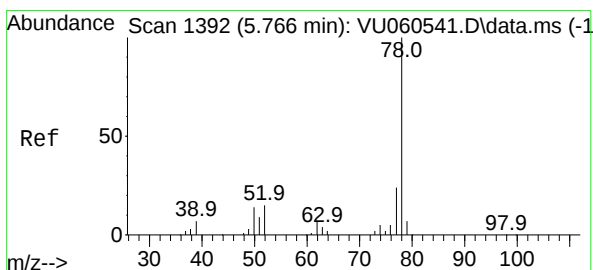
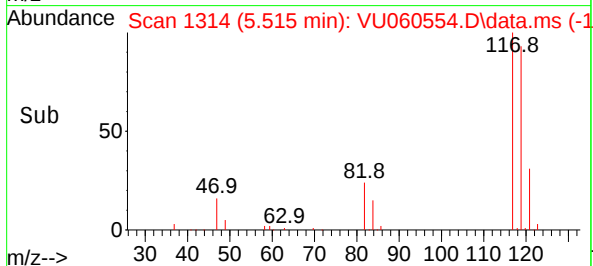
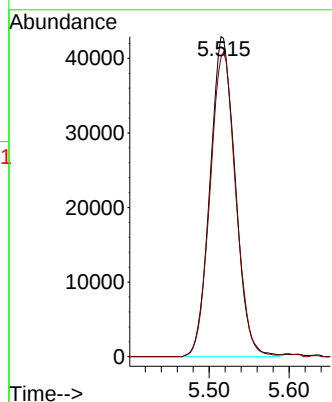
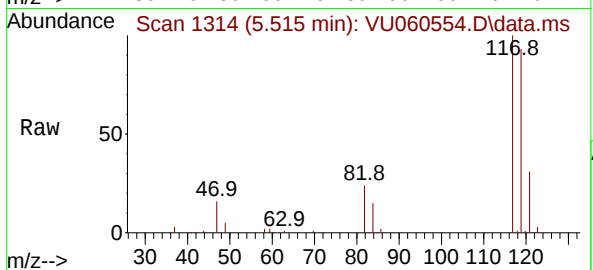
ClientSampleId :

Tgt Ion:117 Resp: 93824

Ion Ratio Lower Upper

117 100

119 96.6 76.4 114.6



#33

Benzene

Concen: 5.470 ug/L

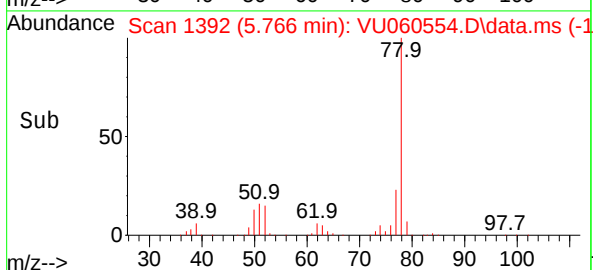
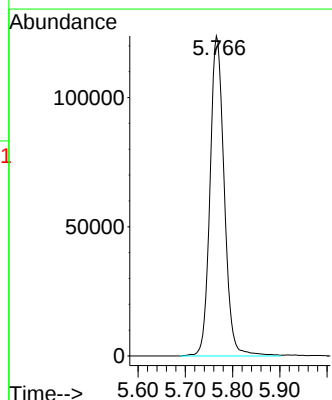
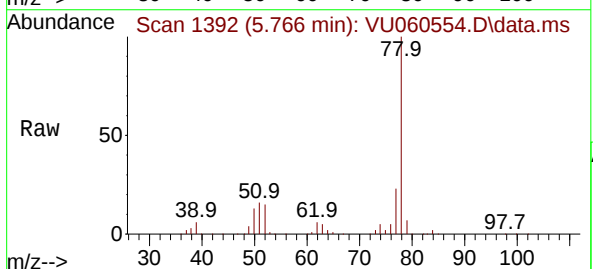
RT: 5.766 min Scan# 1392

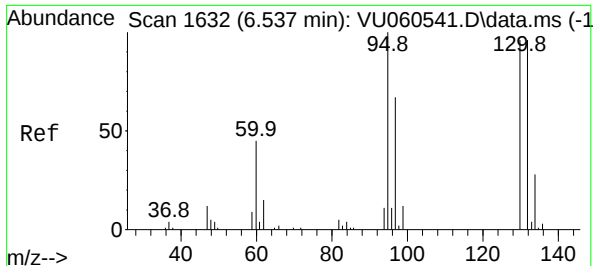
Delta R.T. -0.000 min

Lab File: VU060554.D

Acq: 28 Aug 2024 09:56

Tgt Ion: 78 Resp: 259395

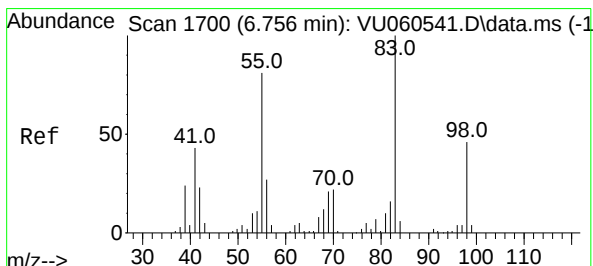
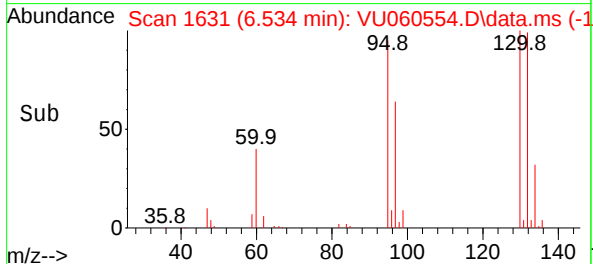
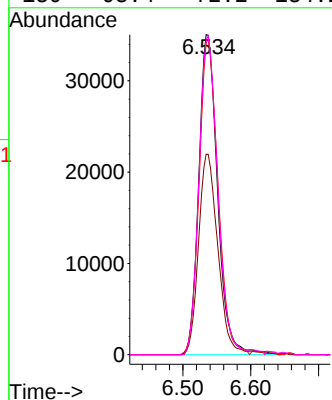
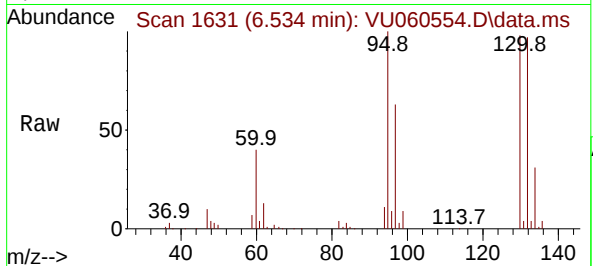




#34
Trichloroethene
Concen: 5.252 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU060554.D
Acq: 28 Aug 2024 09:56

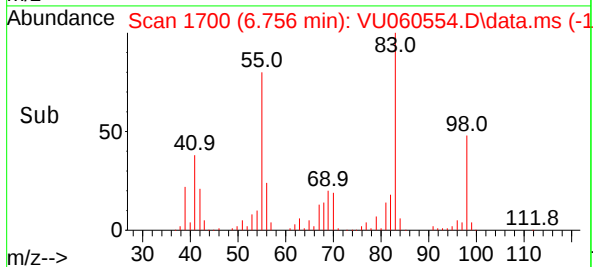
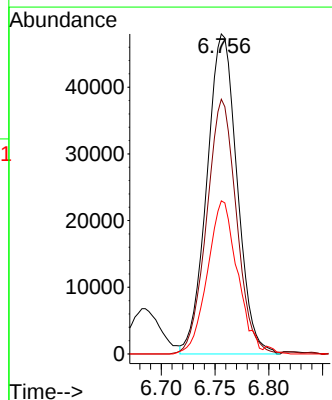
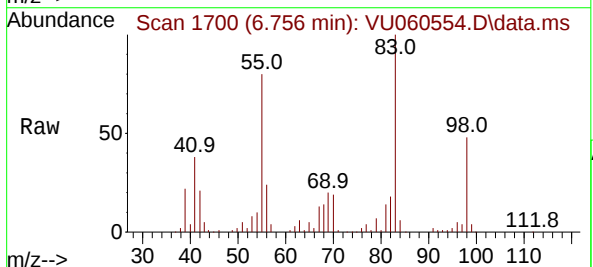
Instrument :
MSVOA_U
ClientSampleId :

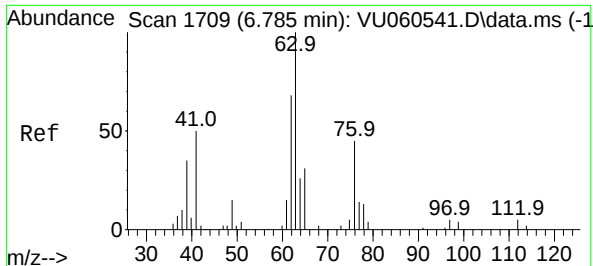
Tgt Ion: 95 Resp: 67511
Ion Ratio Lower Upper
95 100
97 62.7 45.8 85.2
132 97.3 67.4 125.2
130 98.4 72.2 134.2



#35
Methylcyclohexane
Concen: 5.334 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU060554.D
Acq: 28 Aug 2024 09:56

Tgt Ion: 83 Resp: 94060
Ion Ratio Lower Upper
83 100
55 78.2 65.8 98.8
98 47.2 37.8 56.8

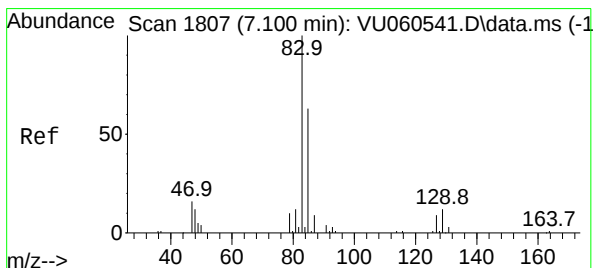
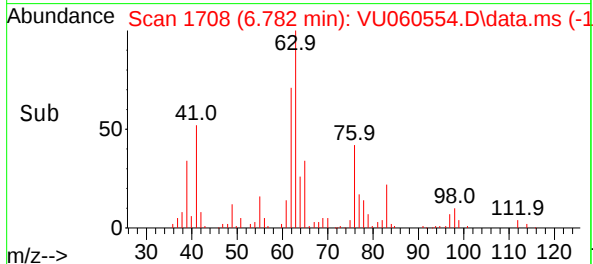
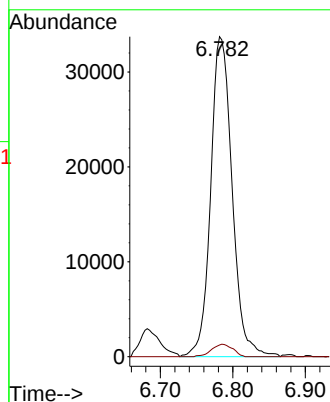
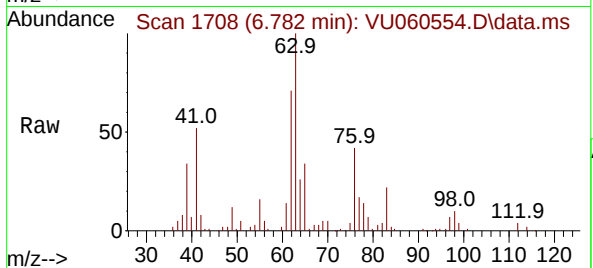




#37
1,2-Dichloropropane
Concen: 5.712 ug/L
RT: 6.782 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU060554.D
Acq: 28 Aug 2024 09:56

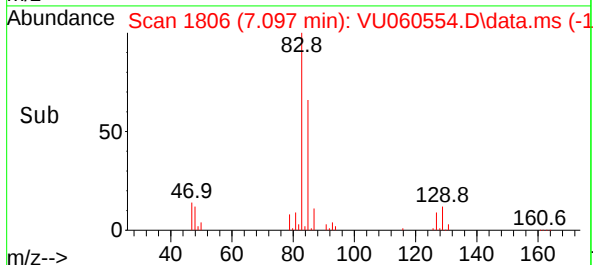
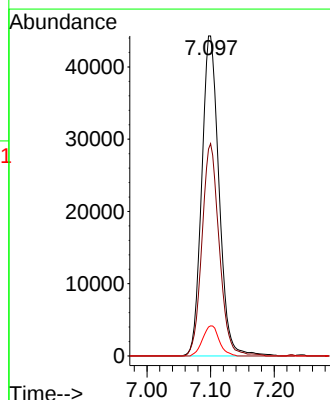
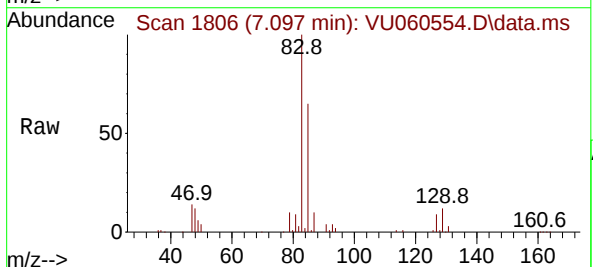
Instrument :
MSVOA_U
ClientSampleId :

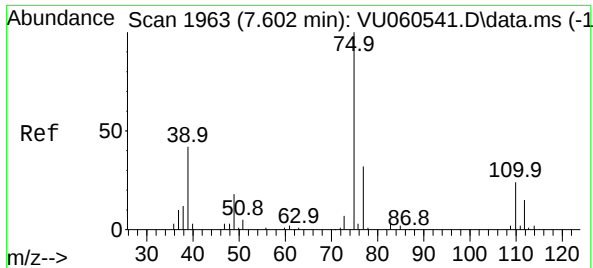
Tgt Ion: 63 Resp: 69399
Ion Ratio Lower Upper
63 100
112 3.8 2.3 3.5#



#38
Bromodichloromethane
Concen: 5.242 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.003 min
Lab File: VU060554.D
Acq: 28 Aug 2024 09:56

Tgt Ion: 83 Resp: 83691
Ion Ratio Lower Upper
83 100
85 64.6 44.9 83.5
127 9.0 7.3 10.9

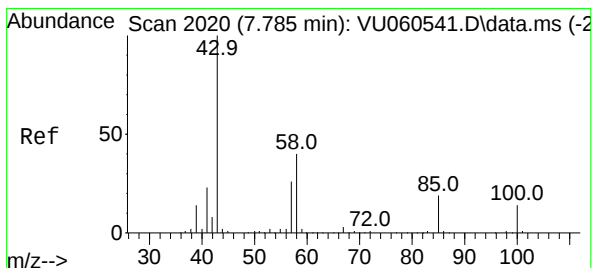
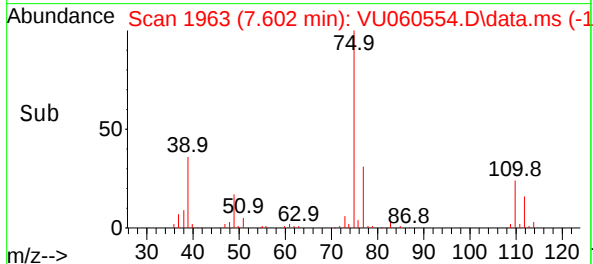
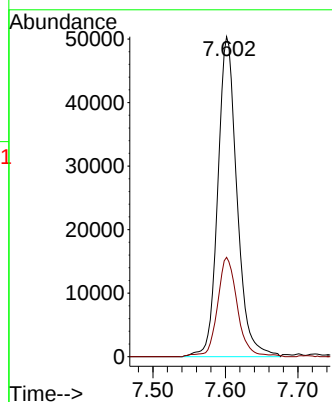
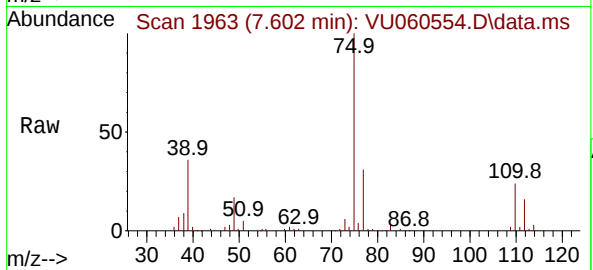




#39
 cis-1,3-Dichloropropene
 Concen: 5.195 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU060554.D
 Acq: 28 Aug 2024 09:56

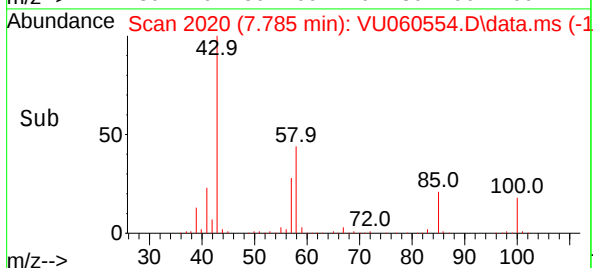
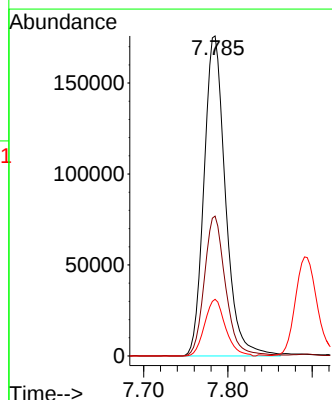
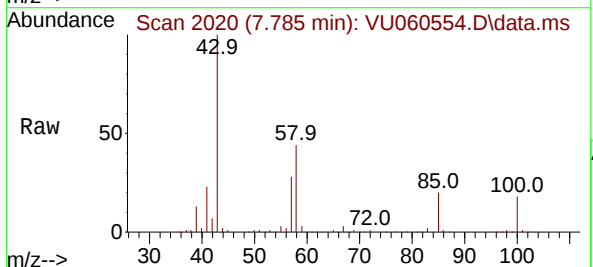
Instrument :
 MSVOA_U
 ClientSampleId :

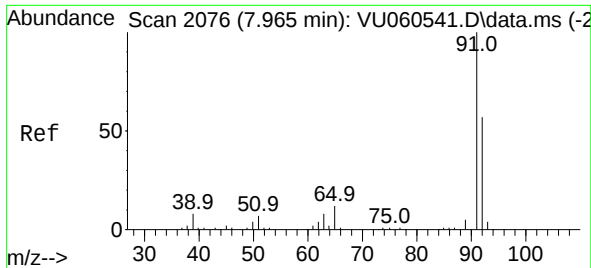
Tgt Ion: 75 Resp: 92550
 Ion Ratio Lower Upper
 75 100
 77 31.0 22.1 41.1



#40
 4-Methyl-2-pentanone
 Concen: 49.313 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. -0.000 min
 Lab File: VU060554.D
 Acq: 28 Aug 2024 09:56

Tgt Ion: 43 Resp: 312049
 Ion Ratio Lower Upper
 43 100
 58 43.4 32.5 48.7
 100 17.1 12.5 18.7





#42

Toluene

Concen: 5.522 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU060554.D

Acq: 28 Aug 2024 09:56

Instrument :

MSVOA_U

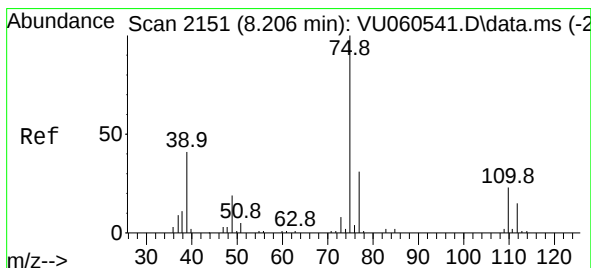
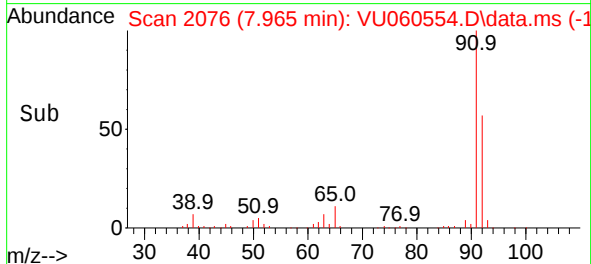
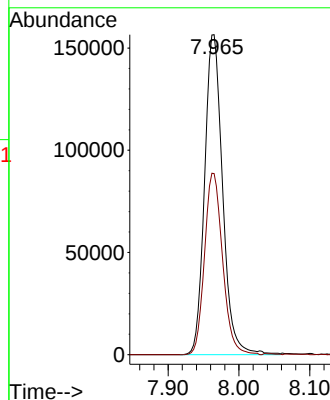
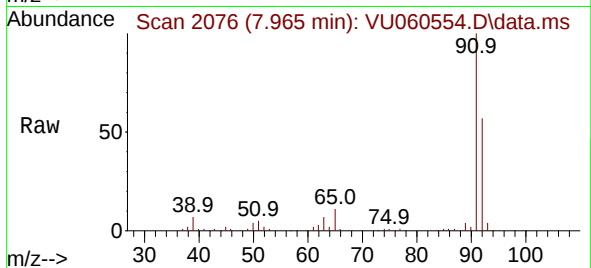
ClientSampleId :

Tgt Ion: 91 Resp: 276684

Ion Ratio Lower Upper

91 100

92 56.6 38.0 70.6



#44

trans-1,3-Dichloropropene

Concen: 5.241 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU060554.D

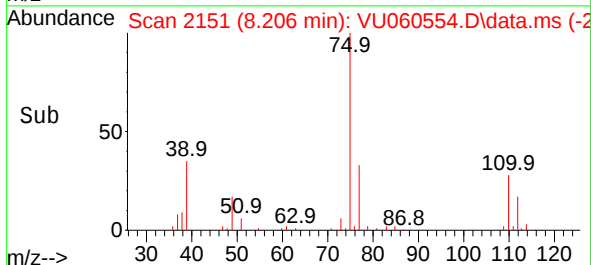
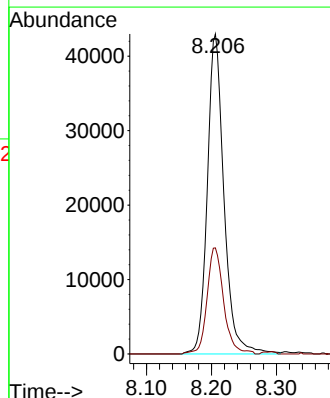
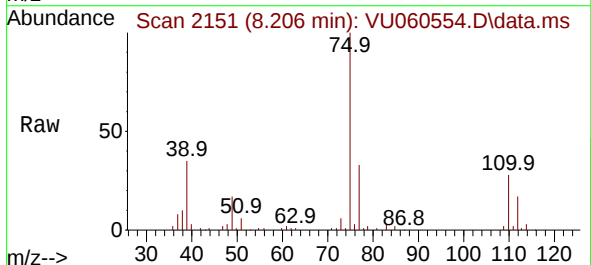
Acq: 28 Aug 2024 09:56

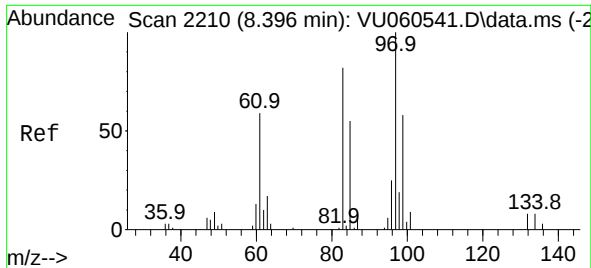
Tgt Ion: 75 Resp: 76648

Ion Ratio Lower Upper

75 100

77 33.2 23.4 43.6

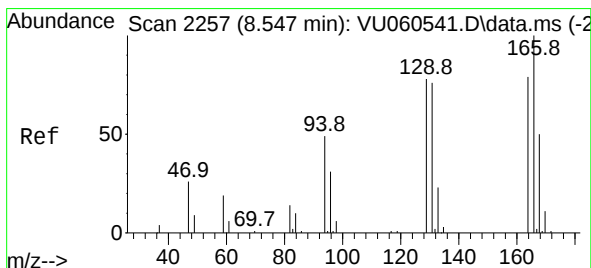
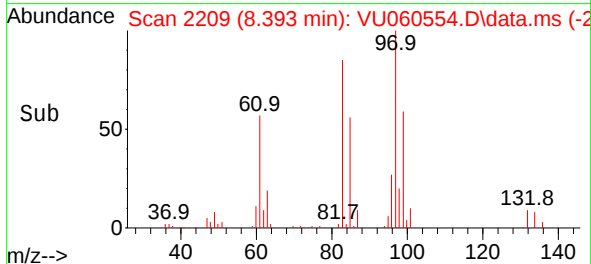
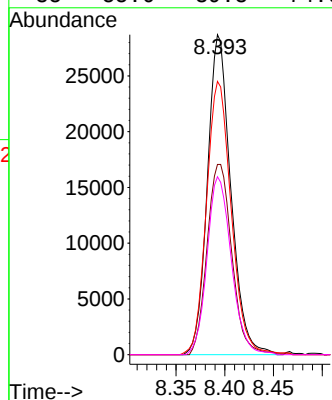
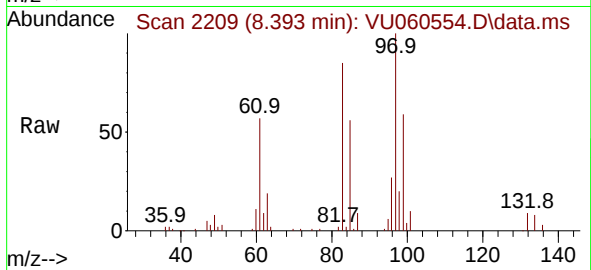




#45
1,1,2-Trichloroethane
Concen: 5.457 ug/L
RT: 8.393 min Scan# 2210
Delta R.T. -0.003 min
Lab File: VU060554.D
Acq: 28 Aug 2024 09:56

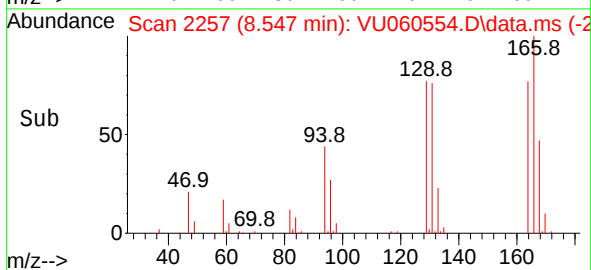
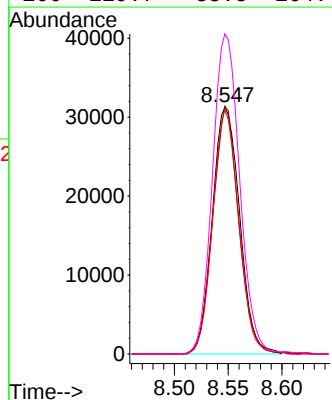
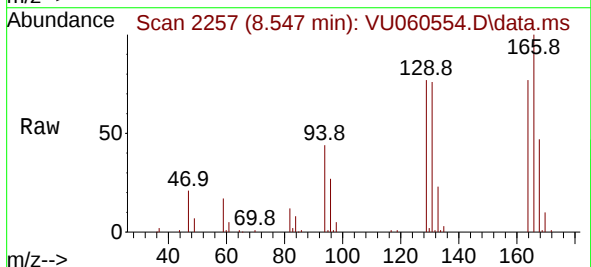
Instrument :
MSVOA_U
ClientSampleId :

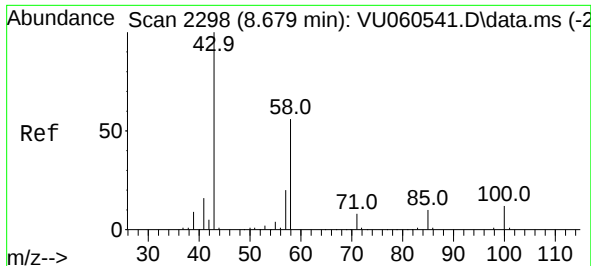
Tgt Ion:	97	Resp:	48027
Ion	Ratio	Lower	Upper
97	100		
99	59.5	42.4	78.8
83	85.4	64.0	119.0
85	55.6	39.8	74.0



#47
Tetrachloroethene
Concen: 5.238 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU060554.D
Acq: 28 Aug 2024 09:56

Tgt Ion:	164	Resp:	55182
Ion	Ratio	Lower	Upper
164	100		
129	100.4	67.8	125.8
131	98.8	67.2	124.8
166	129.7	88.5	164.4





#48

2-Hexanone

Concen: 48.854 ug/L

RT: 8.679 min Scan# 21

Delta R.T. -0.000 min MSVOA_U

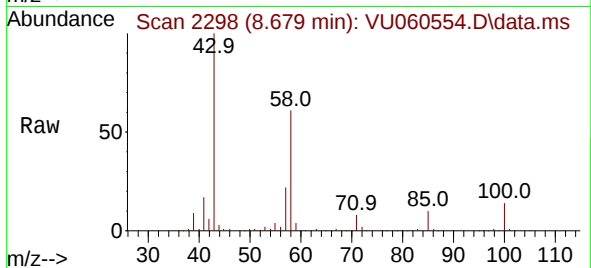
Lab File: VU060554.D

Acq: 28 Aug 2024 09:56

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 231361

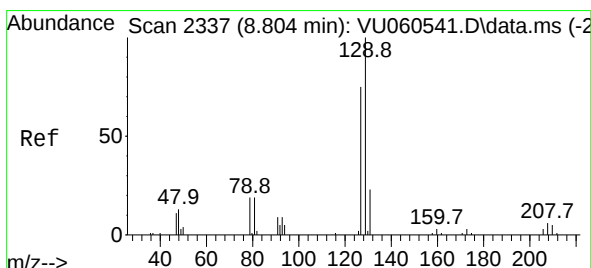
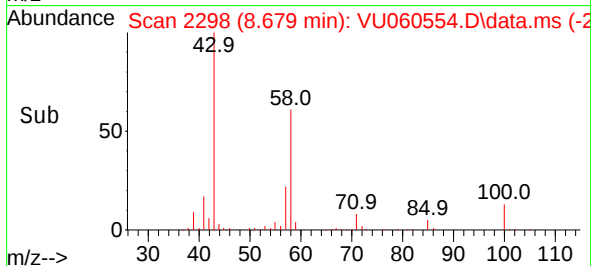
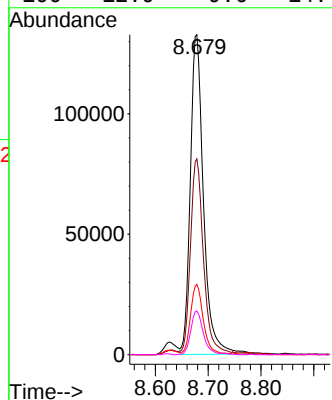
Ion Ratio Lower Upper

43 100

58 59.1 45.6 68.4

57 20.6 15.6 23.4

100 12.9 9.6 14.4



#49

Dibromochloromethane

Concen: 5.515 ug/L

RT: 8.804 min Scan# 2337

Delta R.T. -0.000 min

Lab File: VU060554.D

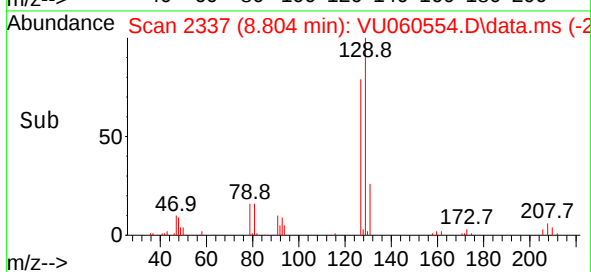
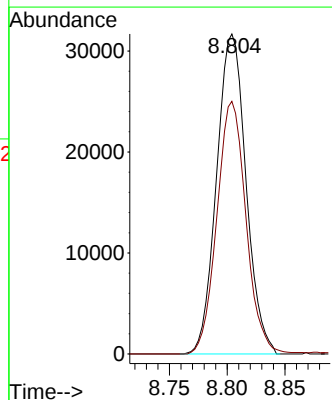
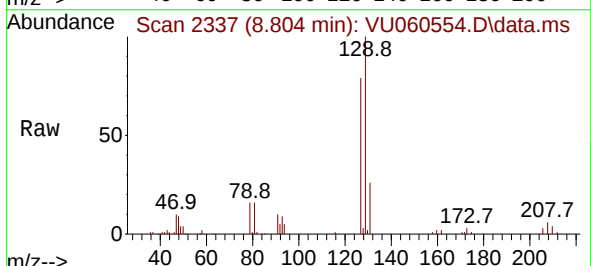
Acq: 28 Aug 2024 09:56

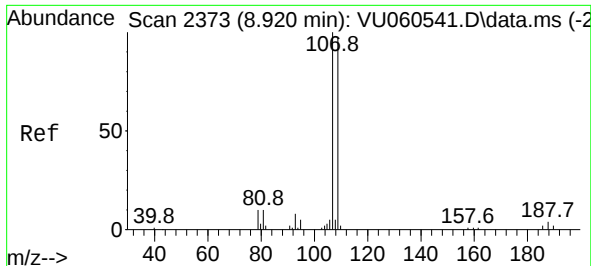
Tgt Ion: 129 Resp: 56199

Ion Ratio Lower Upper

129 100

127 78.9 53.0 98.4





#50

1,2-Dibromoethane

Concen: 5.797 ug/L

RT: 8.917 min Scan# 2372

Delta R.T. -0.003 min

Lab File: VU060554.D

Acq: 28 Aug 2024 09:56

Instrument :

MSVOA_U

ClientSampleId :

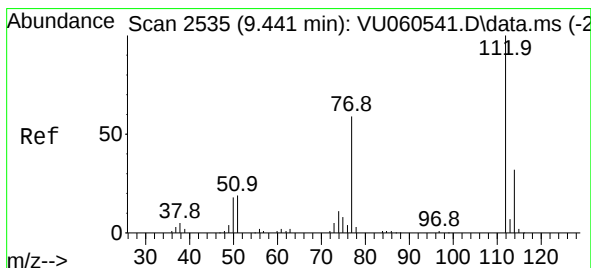
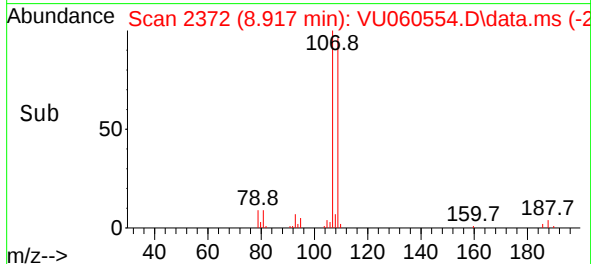
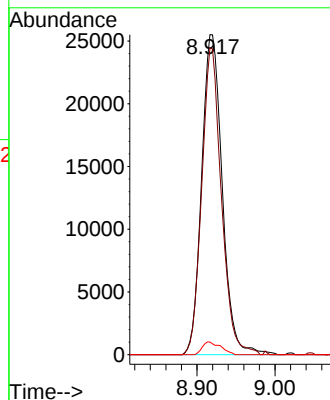
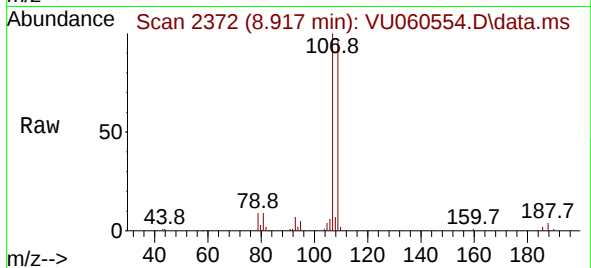
Tgt Ion:107 Resp: 46843

Ion Ratio Lower Upper

107 100

109 95.9 68.5 127.3

188 4.0 3.9 5.9



#51

Chlorobenzene

Concen: 5.362 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. -0.000 min

Lab File: VU060554.D

Acq: 28 Aug 2024 09:56

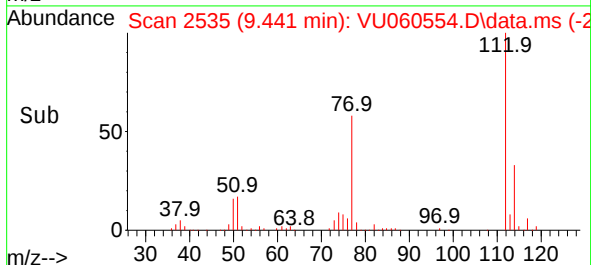
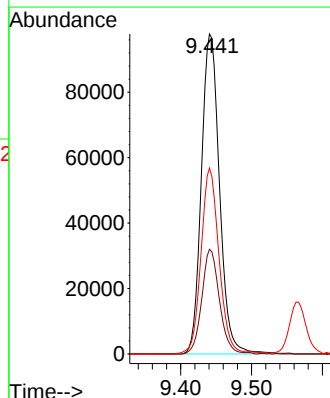
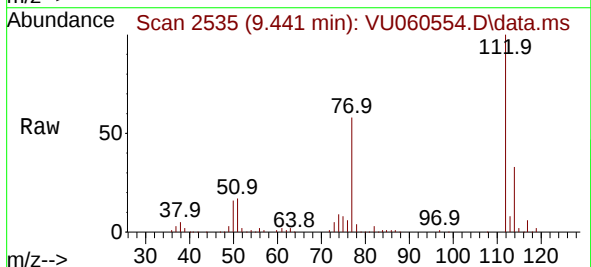
Tgt Ion:112 Resp: 173925

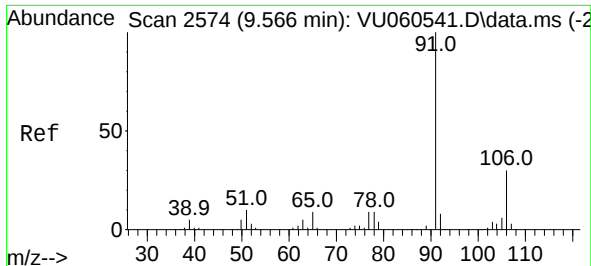
Ion Ratio Lower Upper

112 100

114 32.7 21.9 40.7

77 58.1 47.4 71.2

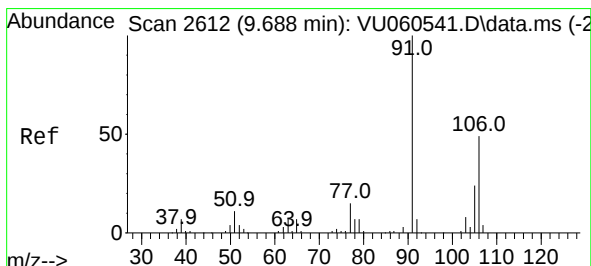
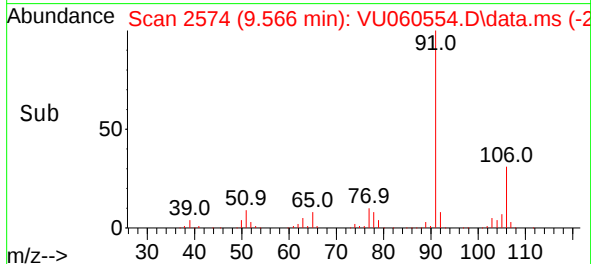
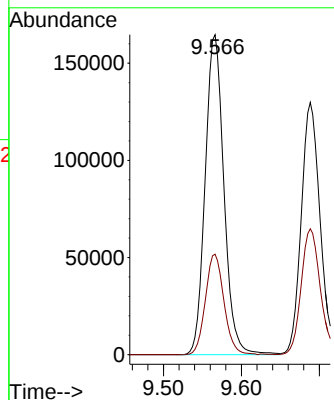
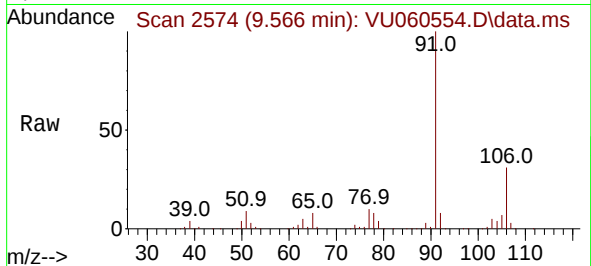




#52
Ethylbenzene
Concen: 5.193 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. -0.000 min
Lab File: VU060554.D
Acq: 28 Aug 2024 09:56

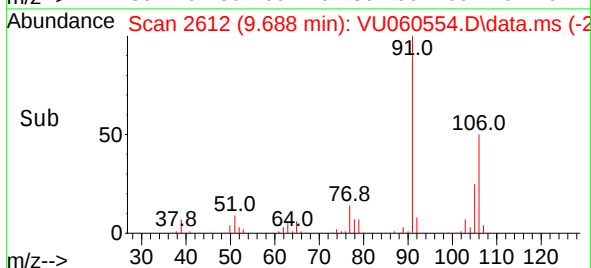
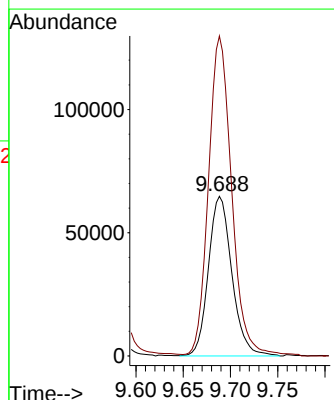
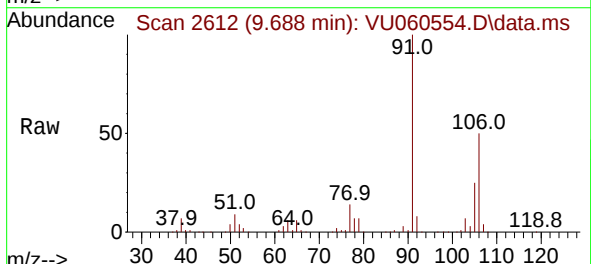
Instrument :
MSVOA_U
ClientSampleId :

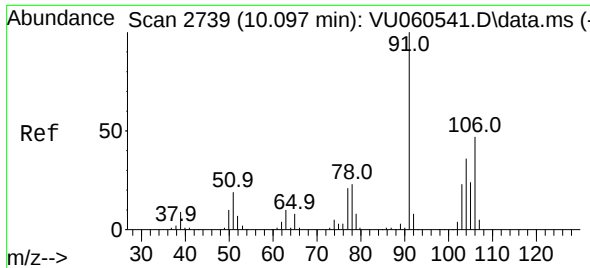
Tgt Ion: 91 Resp: 275783
Ion Ratio Lower Upper
91 100
106 31.4 21.9 40.7



#53
m,p-Xylene
Concen: 5.668 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU060554.D
Acq: 28 Aug 2024 09:56

Tgt Ion: 106 Resp: 111896
Ion Ratio Lower Upper
106 100
91 200.4 141.5 262.9

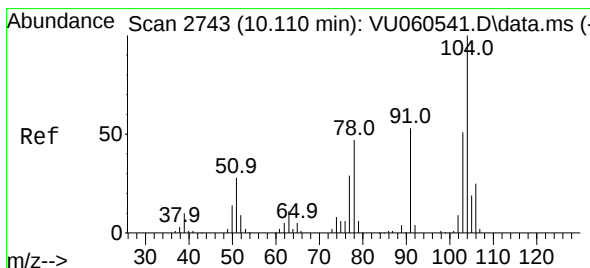
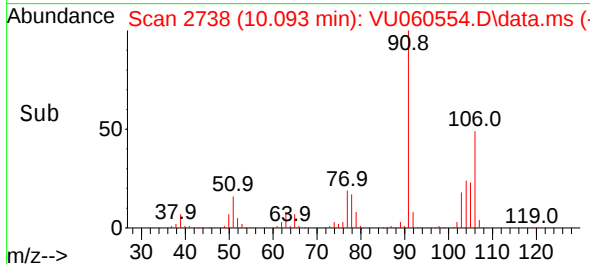
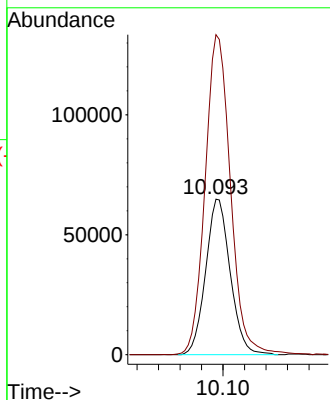
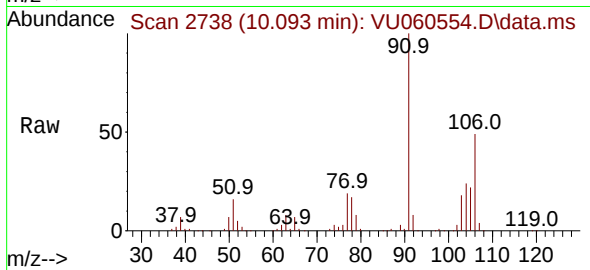




#54
o-Xylene
Concen: 5.090 ug/L
RT: 10.093 min Scan# 2739
Delta R.T. -0.003 min
Lab File: VU060554.D
Acq: 28 Aug 2024 09:56

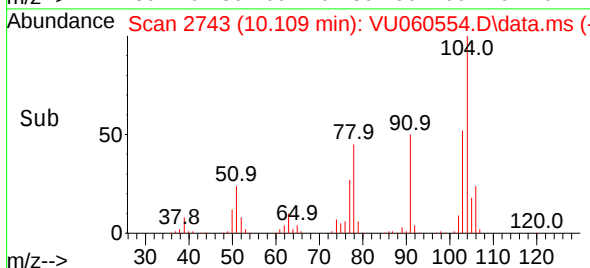
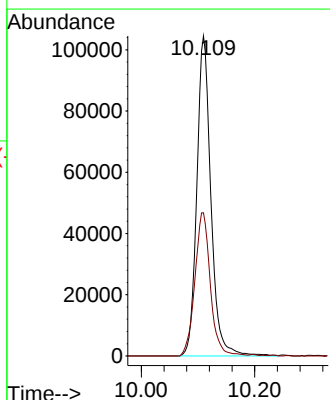
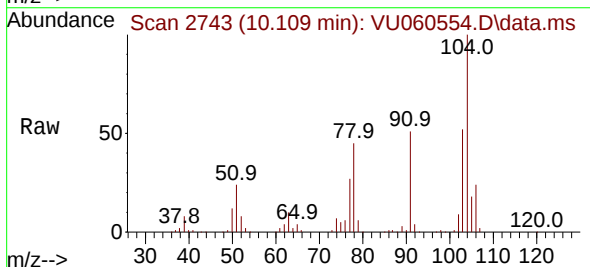
Instrument :
MSVOA_U
ClientSampleId :

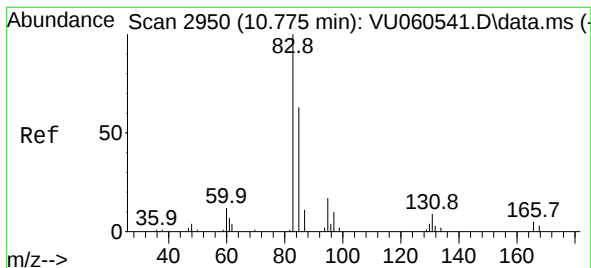
Tgt Ion:106 Resp: 102863
Ion Ratio Lower Upper
106 100
91 205.7 151.1 280.7



#55
Styrene
Concen: 5.450 ug/L
RT: 10.109 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU060554.D
Acq: 28 Aug 2024 09:56

Tgt Ion:104 Resp: 180480
Ion Ratio Lower Upper
104 100
78 44.8 33.3 61.9





#57

1,1,2,2-Tetrachloroethane

Concen: 5.251 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU060554.D

Acq: 28 Aug 2024 09:56

Instrument :

MSVOA_U

ClientSampleId :

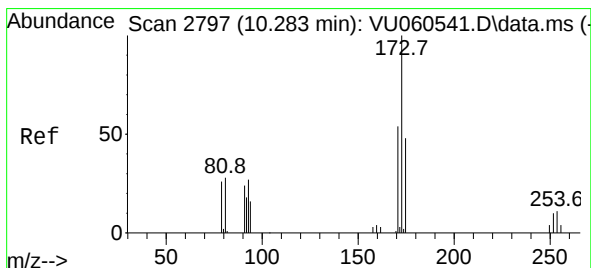
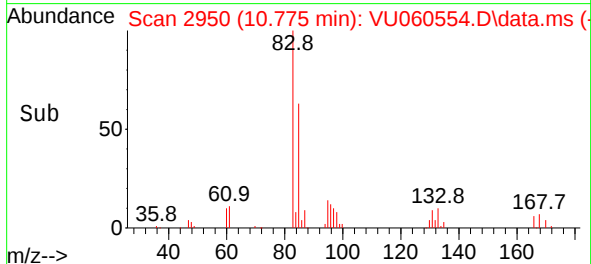
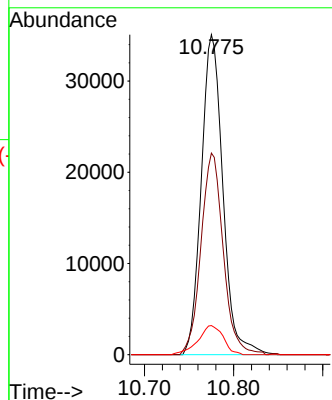
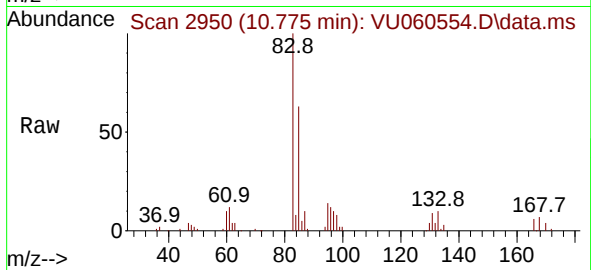
Tgt Ion: 83 Resp: 59012

Ion Ratio Lower Upper

83 100

85 63.0 43.3 80.5

131 9.1 8.9 13.3



#59

Bromoform

Concen: 5.388 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.000 min

Lab File: VU060554.D

Acq: 28 Aug 2024 09:56

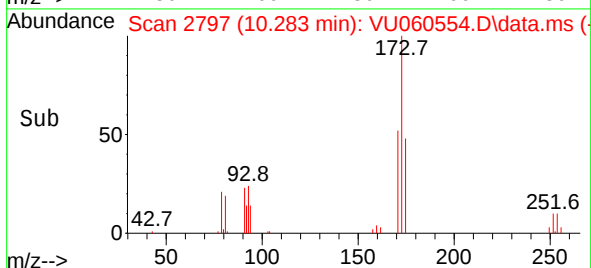
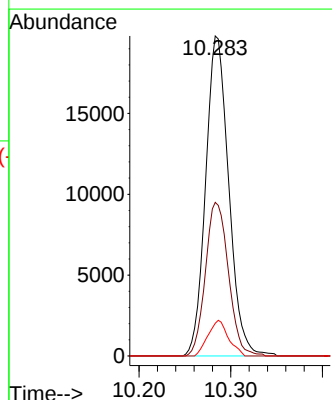
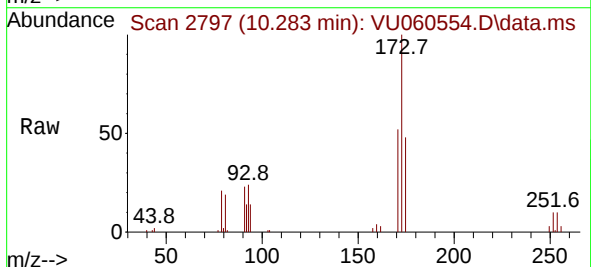
Tgt Ion:173 Resp: 34635

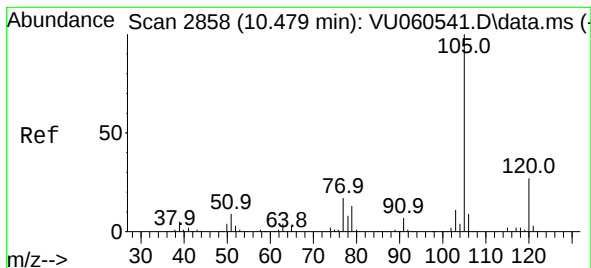
Ion Ratio Lower Upper

173 100

175 47.8 39.8 59.8

254 9.9 8.2 12.2





#60

Isopropylbenzene

Concen: 5.242 ug/L

RT: 10.479 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU060554.D

Acq: 28 Aug 2024 09:56

Instrument :

MSVOA_U

ClientSampleId :

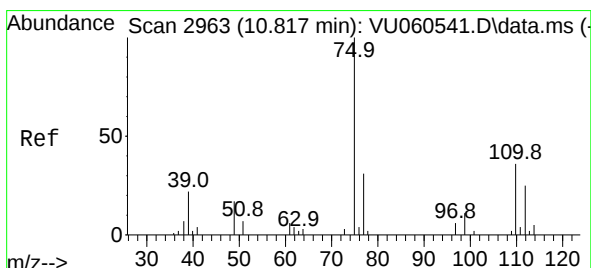
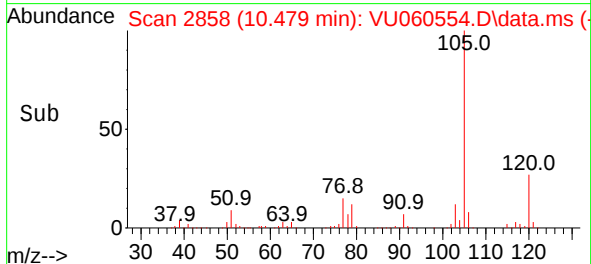
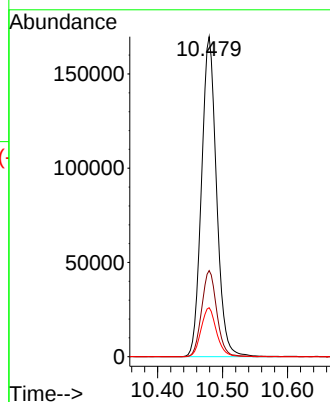
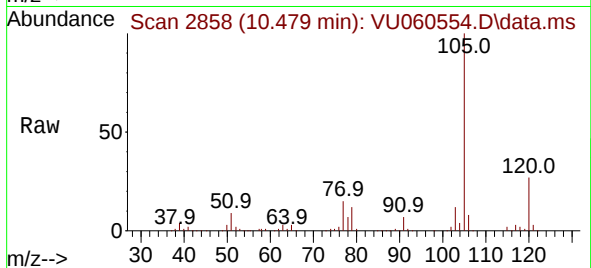
Tgt Ion:105 Resp: 273921

Ion Ratio Lower Upper

105 100

120 27.1 21.0 31.4

77 15.7 13.0 19.4



#61

1,2,3-Trichloropropane

Concen: 5.452 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. -0.000 min

Lab File: VU060554.D

Acq: 28 Aug 2024 09:56

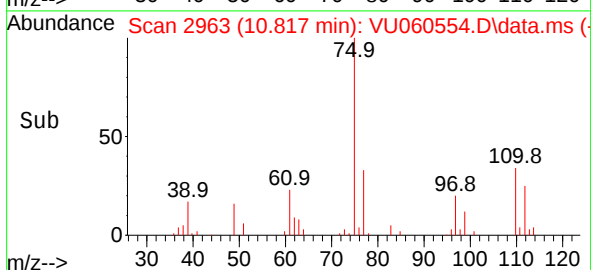
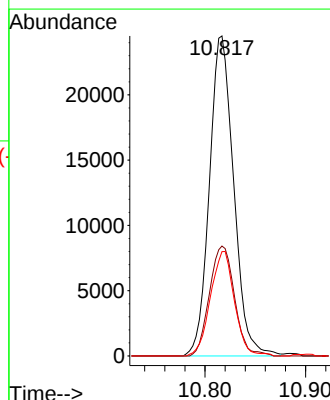
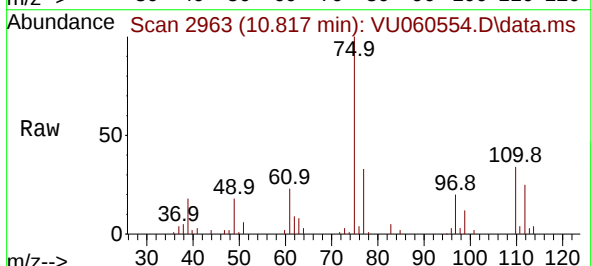
Tgt Ion: 75 Resp: 41135

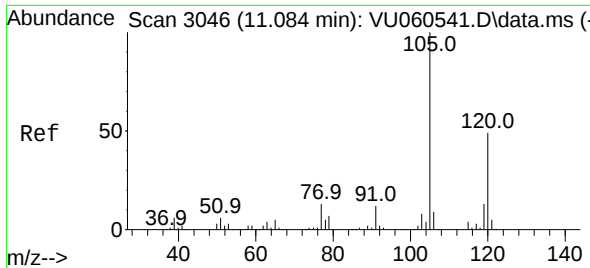
Ion Ratio Lower Upper

75 100

110 35.5 30.2 45.4

77 32.3 25.4 38.2





#62

1,3,5-Trimethylbenzene

Concen: 5.276 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. -0.000 min

Lab File: VU060554.D

Acq: 28 Aug 2024 09:56

Instrument :

MSVOA_U

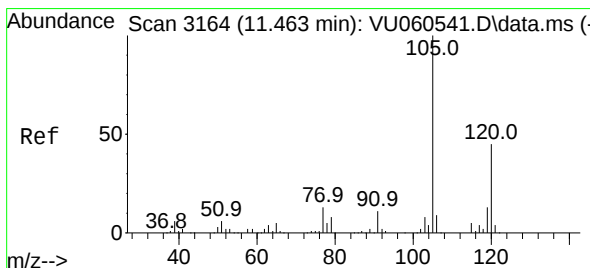
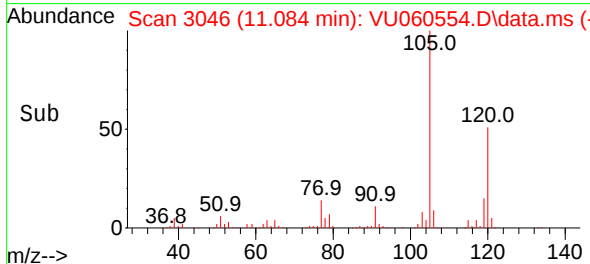
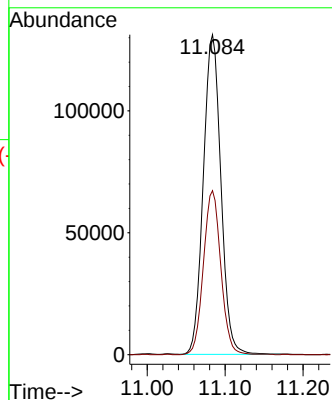
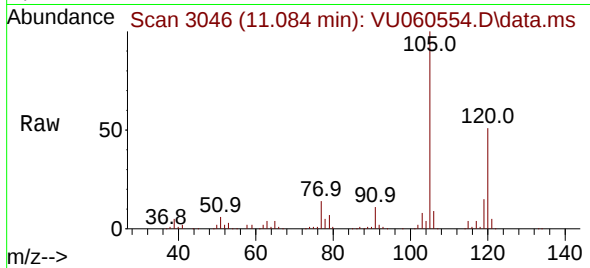
ClientSampleId :

Tgt Ion:105 Resp: 205491

Ion Ratio Lower Upper

105 100

120 50.9 37.4 56.0



#63

1,2,4-Trimethylbenzene

Concen: 5.252 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. -0.000 min

Lab File: VU060554.D

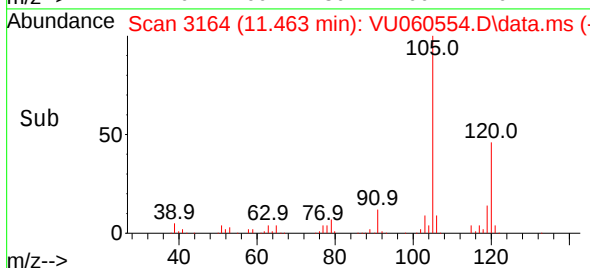
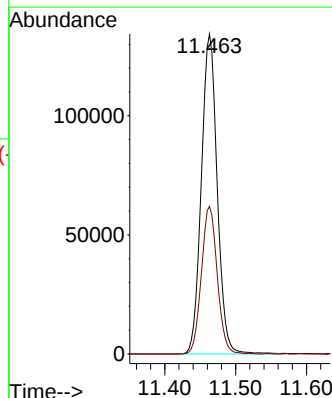
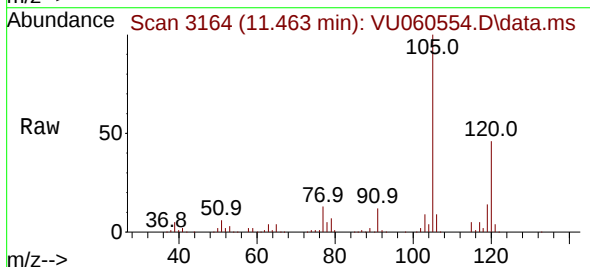
Acq: 28 Aug 2024 09:56

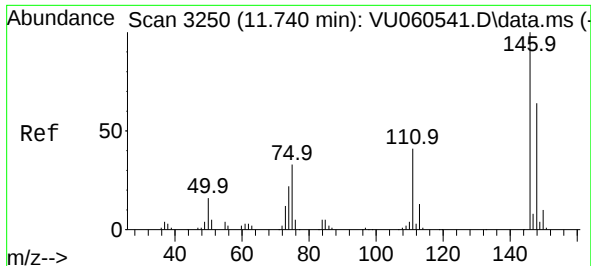
Tgt Ion:105 Resp: 208646

Ion Ratio Lower Upper

105 100

120 46.0 35.7 53.5





#64

1,3-Dichlorobenzene

Concen: 5.446 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. -0.000 min

Lab File: VU060554.D

Acq: 28 Aug 2024 09:56

Instrument :

MSVOA_U

ClientSampleId :

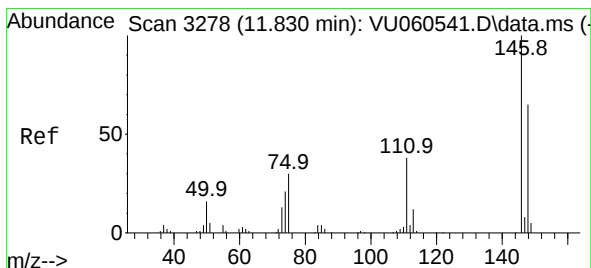
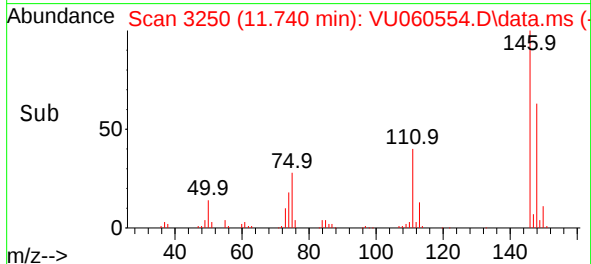
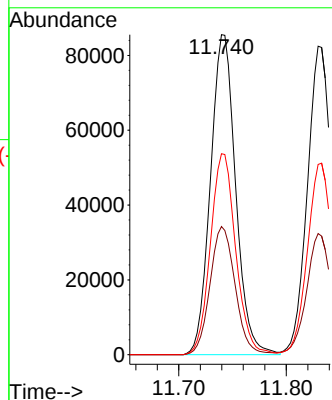
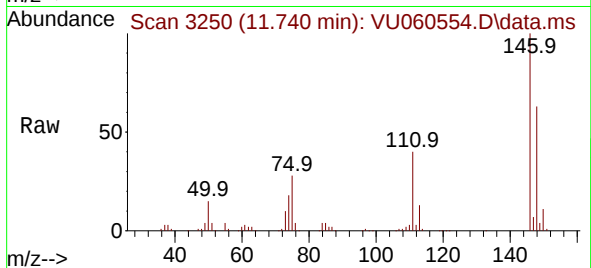
Tgt Ion:146 Resp: 139263

Ion Ratio Lower Upper

146 100

111 40.1 27.9 51.9

148 62.8 43.5 80.7



#65

1,4-Dichlorobenzene

Concen: 5.243 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.000 min

Lab File: VU060554.D

Acq: 28 Aug 2024 09:56

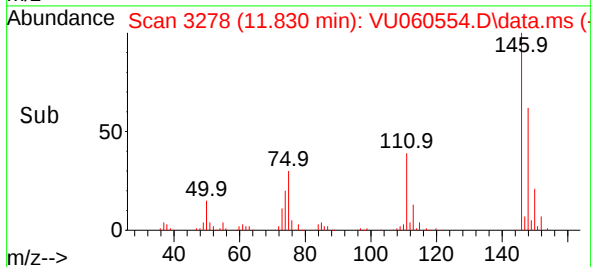
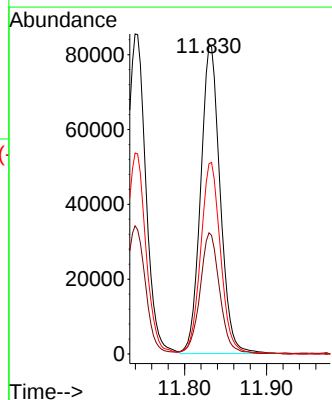
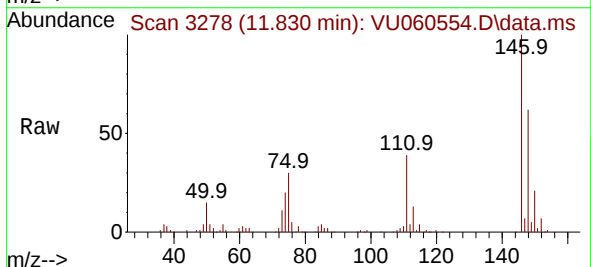
Tgt Ion:146 Resp: 136050

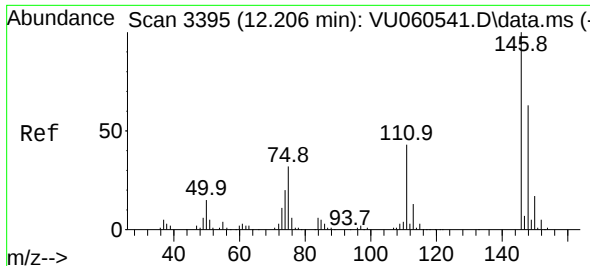
Ion Ratio Lower Upper

146 100

111 39.2 27.2 50.4

148 61.7 43.6 81.0





#67

1,2-Dichlorobenzene

Concen: 5.245 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU060554.D

Acq: 28 Aug 2024 09:56

Instrument :

MSVOA_U

ClientSampleId :

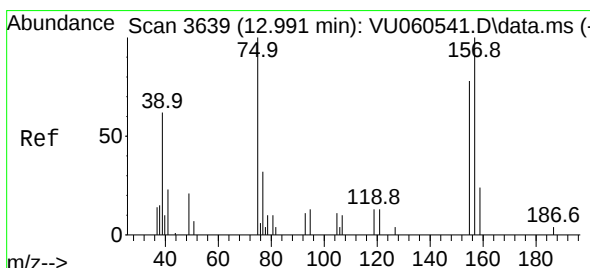
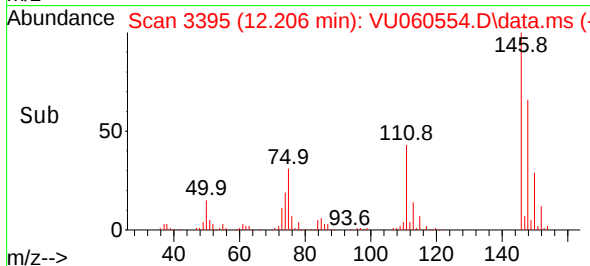
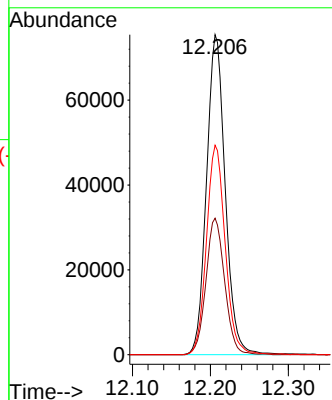
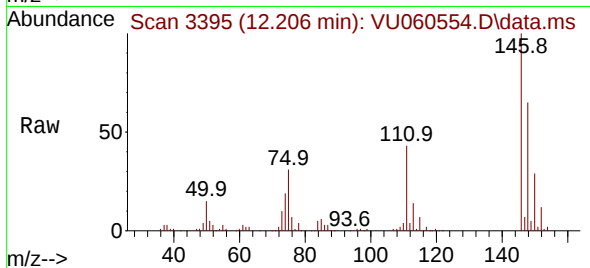
Tgt Ion:146 Resp: 125841

Ion Ratio Lower Upper

146 100

111 42.6 34.6 52.0

148 65.5 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 4.836 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.003 min

Lab File: VU060554.D

Acq: 28 Aug 2024 09:56

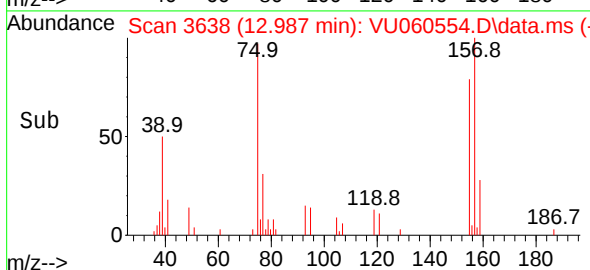
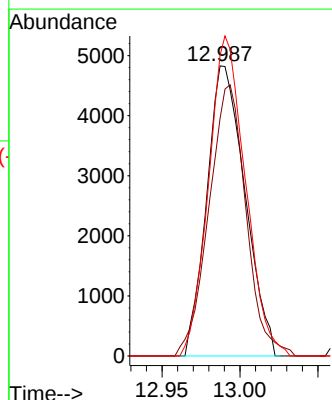
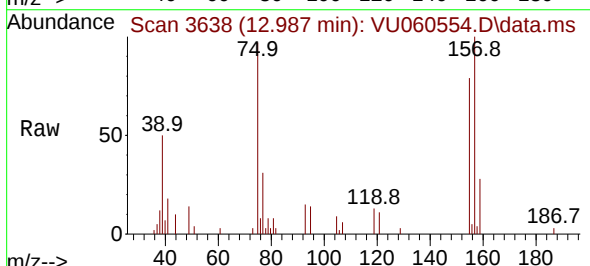
Tgt Ion: 75 Resp: 8236

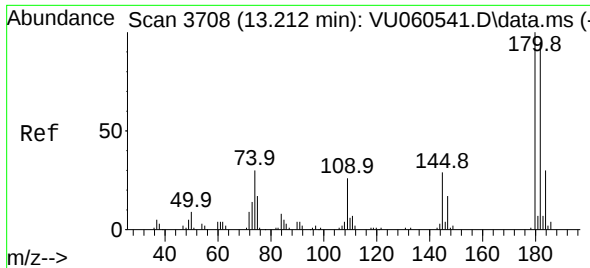
Ion Ratio Lower Upper

75 100

155 81.8 62.7 94.1

157 103.6 70.4 105.6





#69

1,3,5-Trichlorobenzene

Concen: 5.010 ug/L

RT: 13.212 min Scan# 31

Delta R.T. -0.000 min

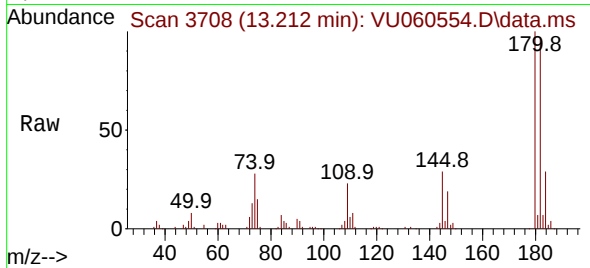
Lab File: VU060554.D

Acq: 28 Aug 2024 09:56

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 98791

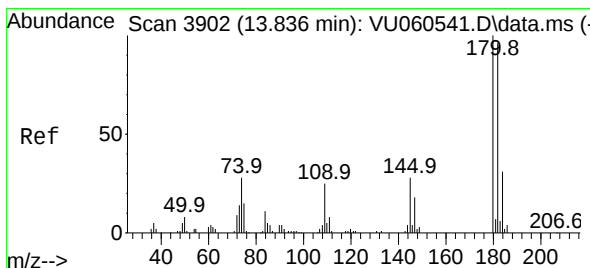
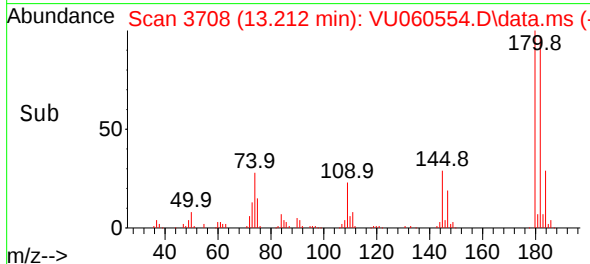
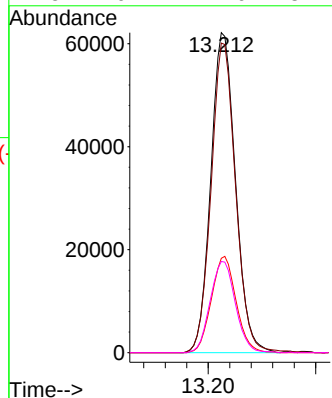
Ion Ratio Lower Upper

180 100

182 96.2 77.6 116.4

184 30.3 24.9 37.3

145 29.2 22.6 34.0



#70

1,2,4-trichlorobenzene

Concen: 4.746 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. -0.000 min

Lab File: VU060554.D

Acq: 28 Aug 2024 09:56

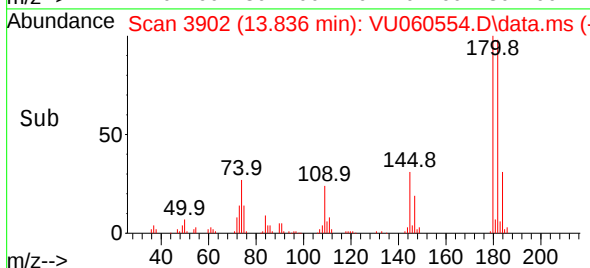
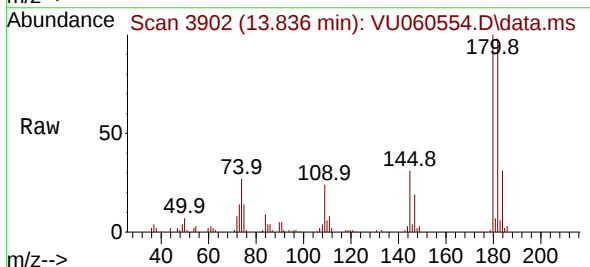
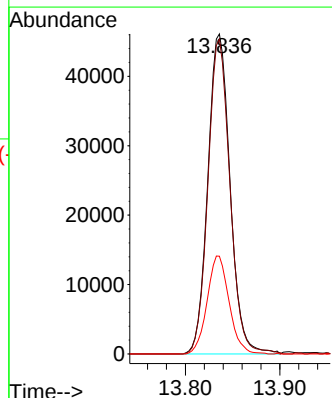
Tgt Ion:180 Resp: 75501

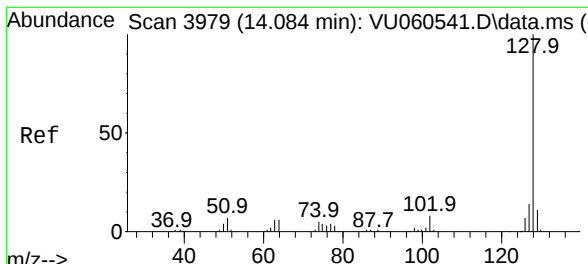
Ion Ratio Lower Upper

180 100

182 97.0 77.3 115.9

145 30.2 23.9 35.9

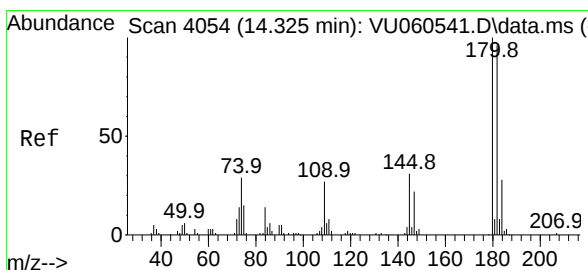
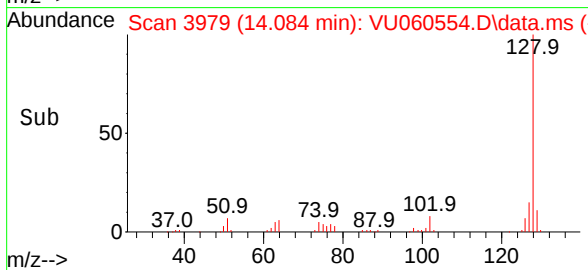
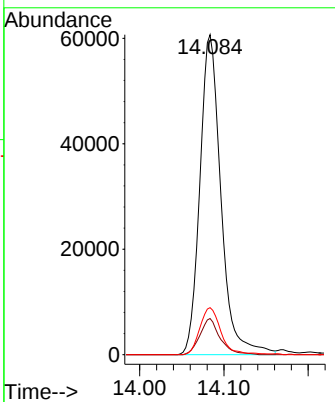
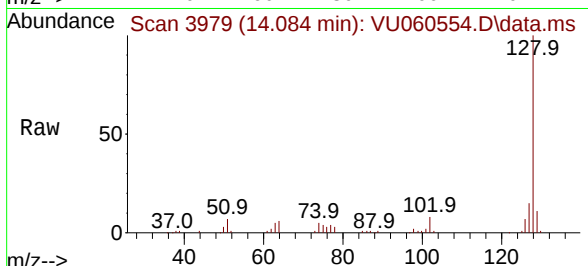




#71
 Naphthalene
 Concen: 5.202 ug/L
 RT: 14.084 min Scan# 3979
 Delta R.T. -0.000 min
 Lab File: VU060554.D
 Acq: 28 Aug 2024 09:56

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:	128	Resp:	105736
Ion Ratio	Lower	Upper	
128	100		
129	10.8	8.5	12.7
127	14.4	10.2	15.2



#72
 1,2,3-Trichlorobenzene
 Concen: 5.316 ug/L
 RT: 14.325 min Scan# 4054
 Delta R.T. -0.000 min
 Lab File: VU060554.D
 Acq: 28 Aug 2024 09:56

Tgt Ion:	180	Resp:	70779
Ion Ratio	Lower	Upper	
180	100		
182	97.8	76.0	114.0
145	31.4	24.3	36.5

