

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090624\
 Data File : VU060639.D
 Acq On : 06 Sep 2024 12:17
 Operator : MD/SY
 Sample : VSTDIC001
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 07 00:34:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U090624DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Sat Sep 07 00:33:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.110	96	36832	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	12402	0.986	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	12562	0.927	ug/l	0.00
Spiked Amount 1.000			Recovery	=	93.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	14585	1.006	ug/l	96
3) Chloromethane	1.518	50	14353	0.887	ug/l	97
4) Vinyl Chloride	1.602	62	13609	0.846	ug/l	99
5) Bromomethane	1.856	94	9005	0.906	ug/l	99
6) Chloroethane	1.933	64	8123	0.843	ug/l	99
7) Trichlorofluoromethane	2.136	101	19987	1.002	ug/l	89
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	8600	0.821	ug/l	99
9) 1,1-Dichloroethene	2.576	96	9145	0.840	ug/l	93
10) Iodomethane	2.718	142	10375	0.654	ug/l	98
11) Allyl Chloride	2.917	41	10945	0.740	ug/l	99
12) Acrylonitrile	3.348	53	2655	0.943	ug/l	# 80
13) Acetone	2.663	43	13884	3.770	ug/l	97
14) Carbon Disulfide	2.788	76	29810	0.813	ug/l	98
15) Methylene Chloride	3.042	84	13812	1.020	ug/l	95
16) trans-1,2-Dichloroethene	3.348	96	9381	0.807	ug/l	99
17) 1,1-Dichloroethane	3.865	63	17280	0.774	ug/l	99
18) 2-Butanone	4.740	43	11069	2.666	ug/l	98
19) Cyclohexane	5.383	56	11358	0.593	ug/l	92
20) Methylcyclohexane	6.756	83	12667	0.814	ug/l	92
21) 2,2-Dichloropropane	4.656	77	13955	0.792	ug/l	100
22) cis-1,2-Dichloroethene	4.666	96	9854	0.791	ug/l	100
23) Diethyl Ether	2.374	59	7137	0.806	ug/l	99
24) tert-Butyl Alcohol	3.271	59	212	0.197	ug/l	# 91
25) Methyl tert-Butyl Ether	3.357	73	18226	0.684	ug/l	95
26) Bromochloromethane	4.968	128	4478	0.840	ug/l	96
27) Chloroform	5.081	83	18913	0.859	ug/l	99
28) 1,1,1-Trichloroethane	5.312	97	16153	0.871	ug/l	99
29) 1,1-Dichloropropene	5.525	75	11555	0.775	ug/l	98
30) Carbon Tetrachloride	5.518	117	14279	0.931	ug/l	97
31) Isopropyl Ether	3.984	45	20594	0.639	ug/l	91
32) Ethyl-t-butyl ether	4.496	59	19307	0.616	ug/l	100
33) Tert-Amyl methyl ether	5.933	73	17944	0.783	ug/l	99
34) Propionitrile	4.827	54	1362	1.203	ug/l	# 76
35) Benzene	5.769	78	36690	0.812	ug/l	99
36) 1,2-Dichloroethane	5.795	62	11285	0.884	ug/l	# 92
37) Trichloroethene	6.541	130	10650	0.944	ug/l	99
38) 1,2-Dichloropropane	6.788	63	9945	0.815	ug/l	99
39) Methacrylonitrile	4.997	41	1398	0.345	ug/l	# 85
40) Methyl acrylate	4.824	55	198	0.028	ug/l	# 57
41) Tetrahydrofuran	5.068	42	1026	0.461	ug/l	# 30
42) 1-Chlorobutane	5.454	56	15776	0.774	ug/l	97
43) Dibromomethane	6.920	93	4837	0.783	ug/l	96
44) Bromodichloromethane	7.100	83	11994	0.803	ug/l	94

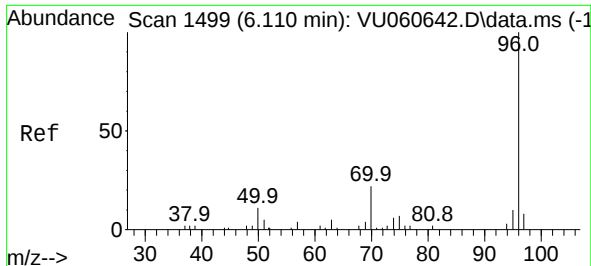
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Sat Sep 07 00:33:26 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.788	43	22262	3.789	ug/l	95
46) t-1,4-Dichloro-2-butene	10.820	75	9198	2.824	ug/l #	56
47) Methyl methacrylate	6.965	69	7338	1.466	ug/l	95
48) Ethyl methacrylate	8.331	69	5864	0.682	ug/l	93
49) Toluene	7.965	92	19202	0.766	ug/l	93
50) t-1,3-Dichloropropene	8.209	75	9684	0.779	ug/l #	88
51) cis-1,3-Dichloropropene	7.605	75	12489	0.837	ug/l	96
52) 1,1,2-Trichloroethane	8.393	97	6879	0.765	ug/l	93
53) 1,3-Dichloropropane	8.573	76	11422	0.789	ug/l	98
54) 2-Hexanone	8.685	43	18323	3.864	ug/l	95
55) Dibromochloromethane	8.804	129	8321	0.828	ug/l	97
56) 1,2-Dibromoethane	8.920	107	6332	0.786	ug/l	89
58) Tetrachloroethene	8.547	164	9234	0.904	ug/l	91
59) Chlorobenzene	9.444	112	22601	0.825	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.528	131	8443	0.786	ug/l	94
61) Pentachloroethane	11.421	117	6752	0.750	ug/l	95
62) Hexachloroethane	12.466	117	6527	0.743	ug/l	100
63) Ethyl Benzene	9.566	91	33247	0.775	ug/l	97
64) m/p-Xylenes	9.688	106	25939	1.526	ug/l	98
65) o-Xylene	10.093	106	13215	0.807	ug/l	95
66) Styrene	10.113	104	19342	0.716	ug/l	99
67) Bromoform	10.283	173	4581	0.779	ug/l #	97
69) Isopropylbenzene	10.479	105	32305	0.771	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.775	83	8267	0.697	ug/l	96
71) 1,2,3-Trichloropropane	10.820	75	9198	1.057	ug/l #	82
72) Bromobenzene	10.778	156	9066	0.811	ug/l	96
73) n-propylbenzene	10.901	120	9037	0.776	ug/l	91
74) 2-Chlorotoluene	10.981	126	8772	0.807	ug/l	94
75) 1,3,5-Trimethylbenzene	11.081	105	26720	0.731	ug/l	100
76) 4-Chlorotoluene	11.093	126	8125	0.719	ug/l	94
77) tert-Butylbenzene	11.415	119	28518	0.800	ug/l	99
78) 1,2,4-Trimethylbenzene	11.463	105	26755	0.717	ug/l	100
79) sec-Butylbenzene	11.637	105	35252	0.746	ug/l	99
80) Nitrobenzene	13.238	77	464	0.923	ug/l #	65
81) p-Isopropyltoluene	11.788	119	28602	0.745	ug/l	99
82) 1,3-Dichlorobenzene	11.743	146	18651	0.804	ug/l	98
83) 1,4-Dichlorobenzene	11.833	146	18502	0.805	ug/l	97
84) n-Butylbenzene	12.203	91	27276	0.735	ug/l	95
85) 1,2-Dichlorobenzene	12.206	146	17109	0.764	ug/l	96
86) 1,2-Dibromo-3-Chloropr...	12.997	75	1116	0.643	ug/l #	80
87) 1,2,4-Trichlorobenzene	13.839	180	8015	0.624	ug/l	95
88) Hexachlorobutadiene	14.013	225	7525	0.898	ug/l	98
89) Naphthalene	14.090	128	10676	0.484	ug/l #	97
90) 1,2,3-Trichlorobenzene	14.328	180	6499	0.528	ug/l	95

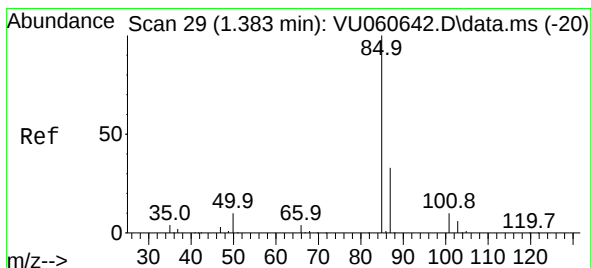
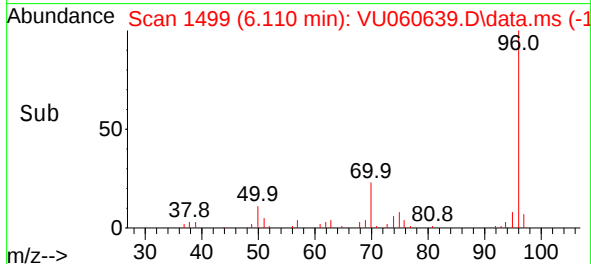
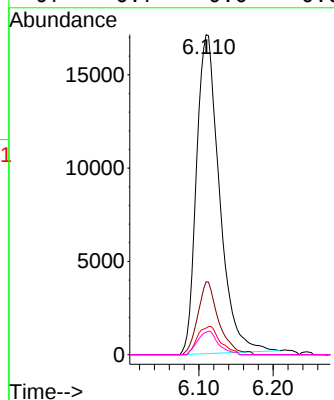
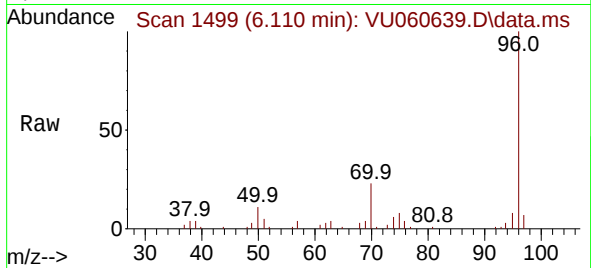
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VU060639.D
Acq: 06 Sep 2024 12:17

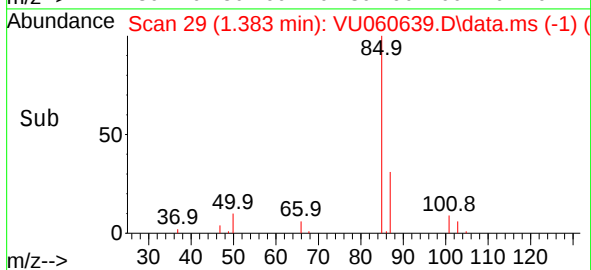
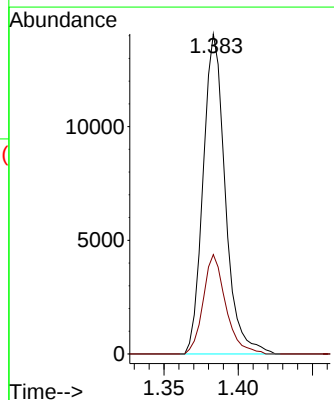
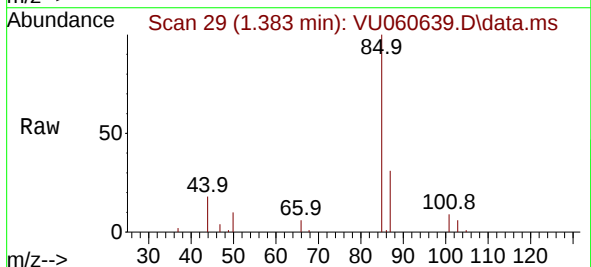
Instrument :
MSVOA_U
ClientSampleId :

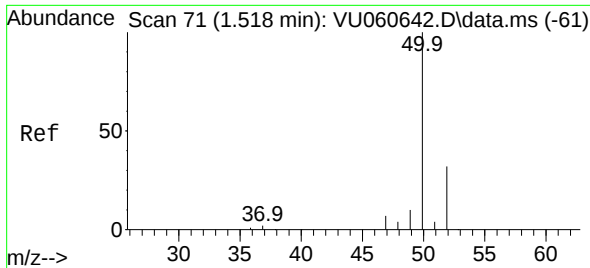
Tgt Ion: 96	Resp: 36832
Ion Ratio	Lower Upper
96 100	
70 19.4	16.5 24.7
95 8.7	7.7 11.5
97 6.7	0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 1.006 ug/l
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU060639.D
Acq: 06 Sep 2024 12:17

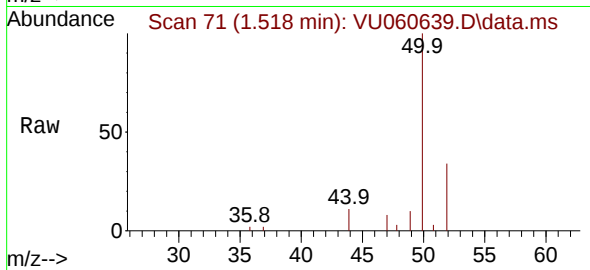
Tgt Ion: 85	Resp: 14585
Ion Ratio	Lower Upper
85 100	
87 31.0	16.6 49.8



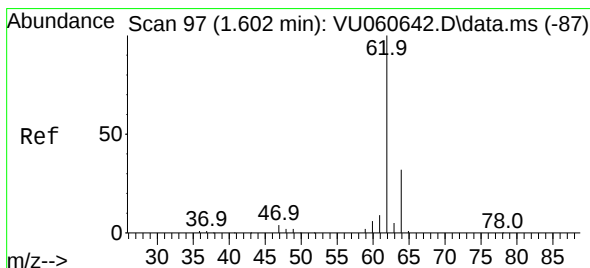
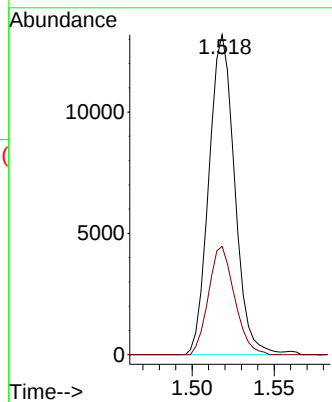
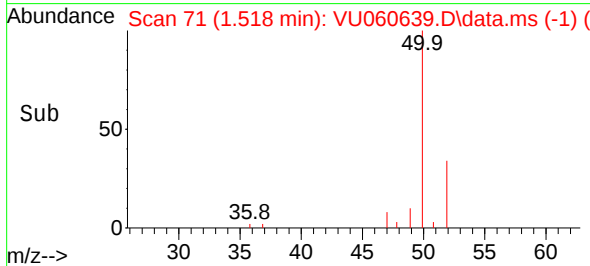


#3
Chloromethane
Concen: 0.887 ug/l
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU060639.D
Acq: 06 Sep 2024 12:17

Instrument :
MSVOA_U
ClientSampleId :

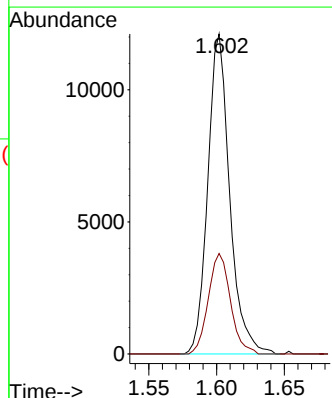
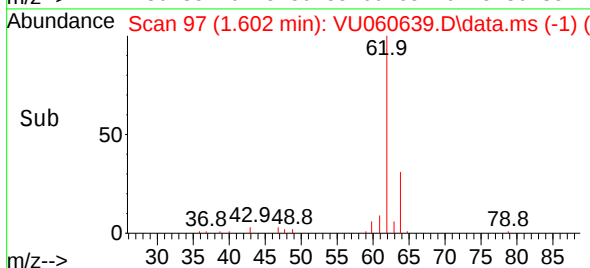
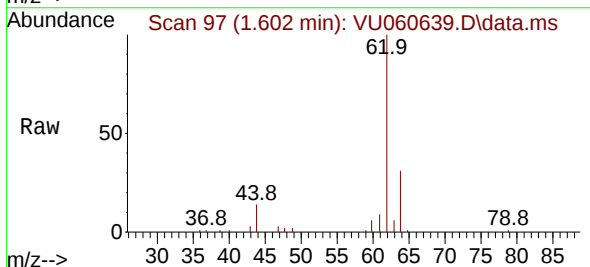


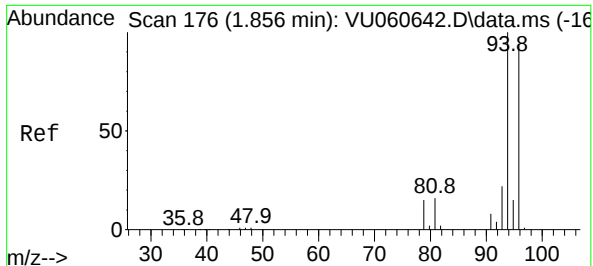
Tgt Ion: 50 Resp: 14353
Ion Ratio Lower Upper
50 100
52 33.9 25.8 38.8



#4
Vinyl Chloride
Concen: 0.846 ug/l
RT: 1.602 min Scan# 97
Delta R.T. -0.000 min
Lab File: VU060639.D
Acq: 06 Sep 2024 12:17

Tgt Ion: 62 Resp: 13609
Ion Ratio Lower Upper
62 100
64 31.4 25.5 38.3

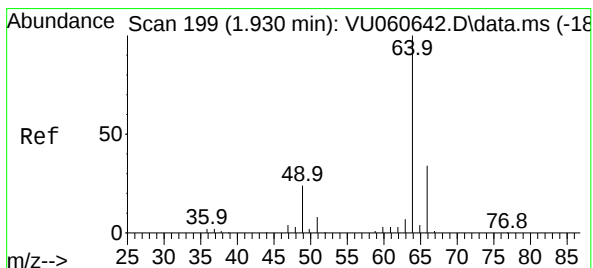
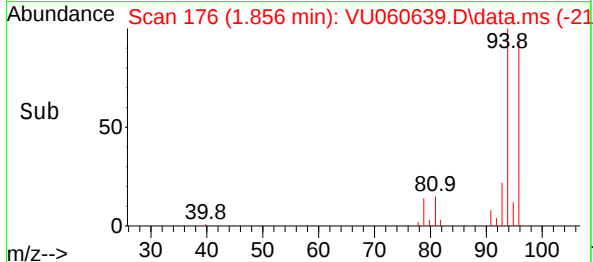
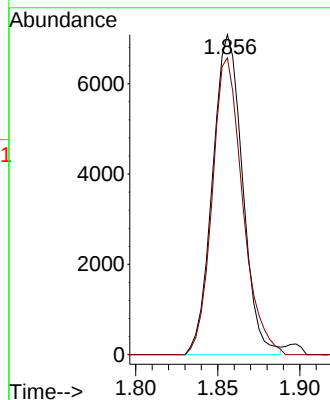
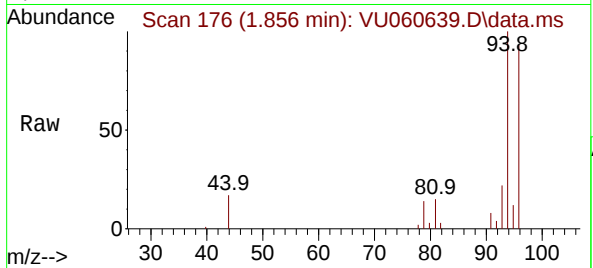




#5
Bromomethane
Concen: 0.906 ug/l
RT: 1.856 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU060639.D
Acq: 06 Sep 2024 12:17

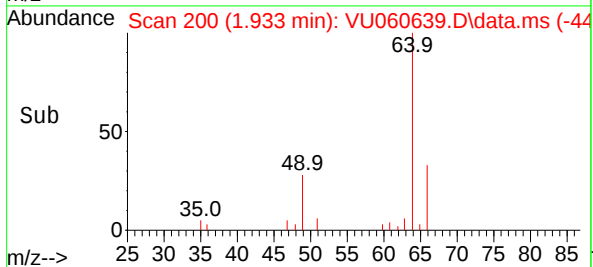
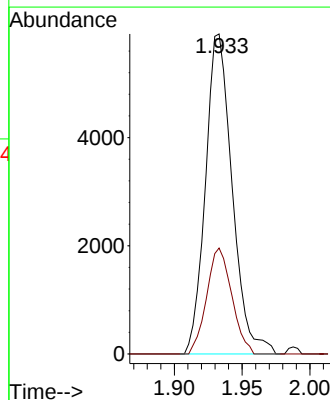
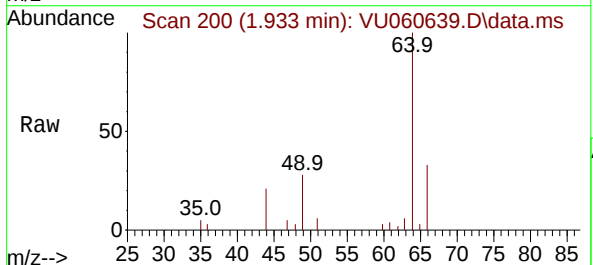
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ClientSampleId :

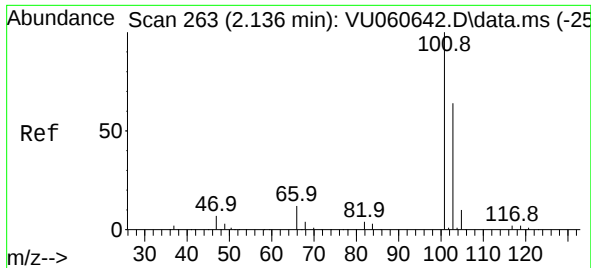
Tgt Ion: 94 Resp: 9005
Ion Ratio Lower Upper
94 100
96 92.8 75.3 112.9



#6
Chloroethane
Concen: 0.843 ug/l
RT: 1.933 min Scan# 200
Delta R.T. 0.003 min
Lab File: VU060639.D
Acq: 06 Sep 2024 12:17

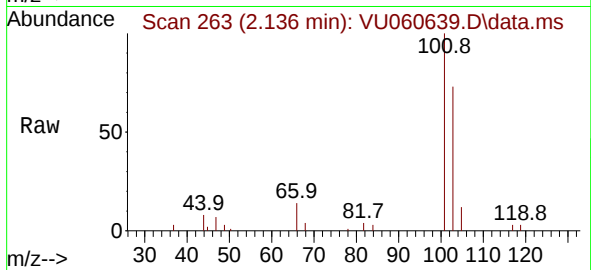
Tgt Ion: 64 Resp: 8123
Ion Ratio Lower Upper
64 100
66 33.1 27.0 40.4



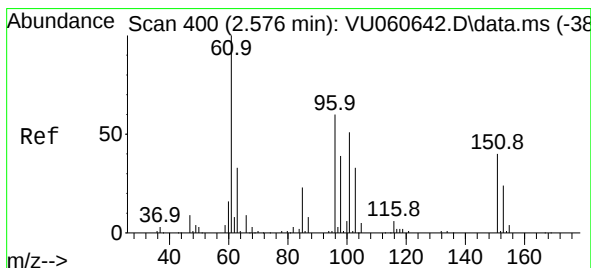
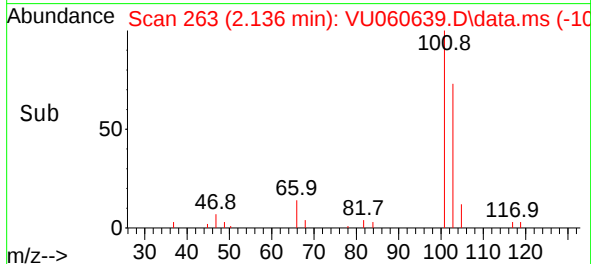
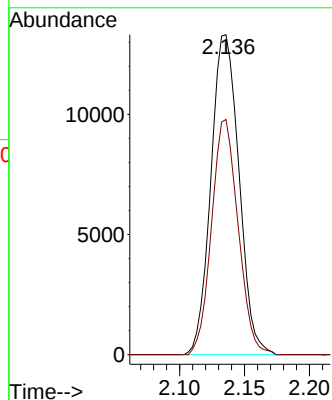


#7
 Trichlorofluoromethane
 Concen: 1.002 ug/l
 RT: 2.136 min Scan# 213
 Delta R.T. -0.000 min
 Lab File: VU060639.D
 Acq: 06 Sep 2024 12:17

Instrument :
 MSVOA_U
 ClientSampleId :

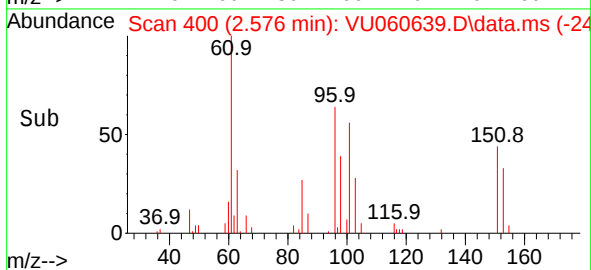
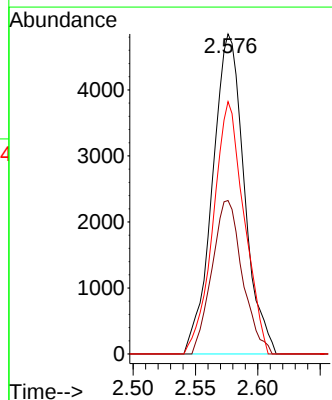
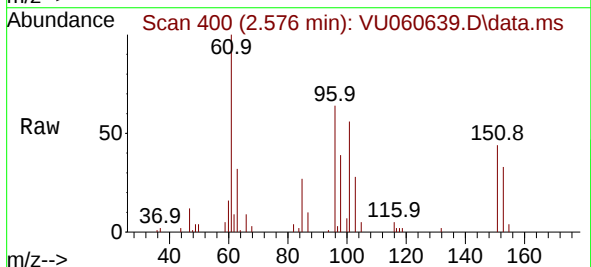


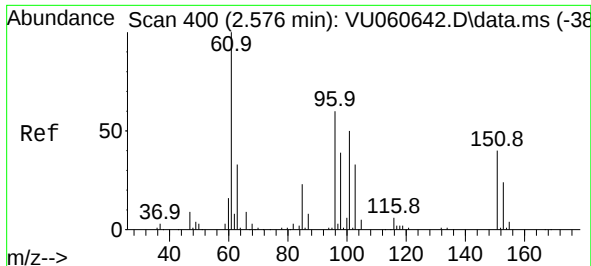
Tgt Ion:101 Resp: 19987
 Ion Ratio Lower Upper
 101 100
 103 73.5 51.6 77.4



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.821 ug/l
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU060639.D
 Acq: 06 Sep 2024 12:17

Tgt Ion:101 Resp: 8600
 Ion Ratio Lower Upper
 101 100
 85 46.1 36.2 54.2
 151 76.9 62.2 93.4

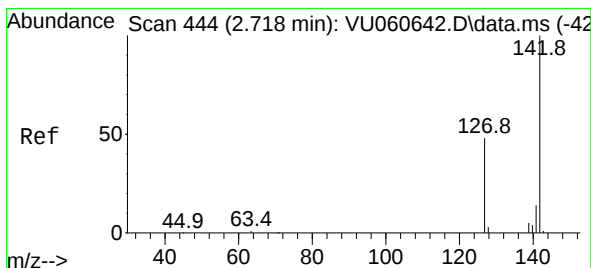
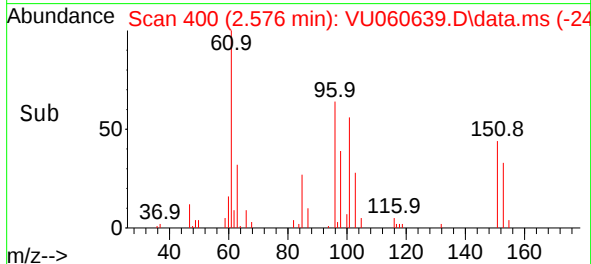
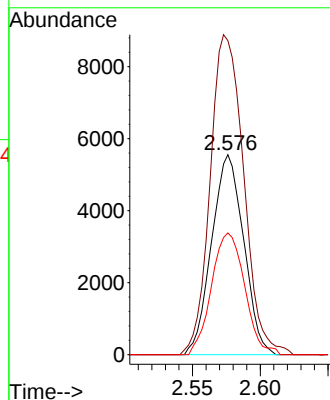
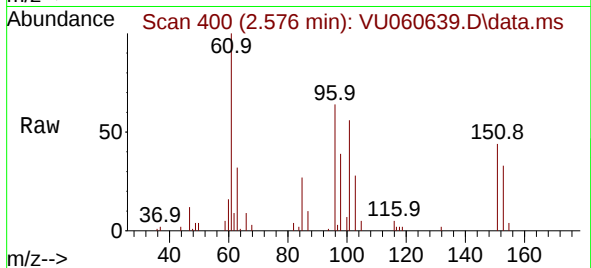




#9
1,1-Dichloroethene
Concen: 0.840 ug/l
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU060639.D
Acq: 06 Sep 2024 12:17

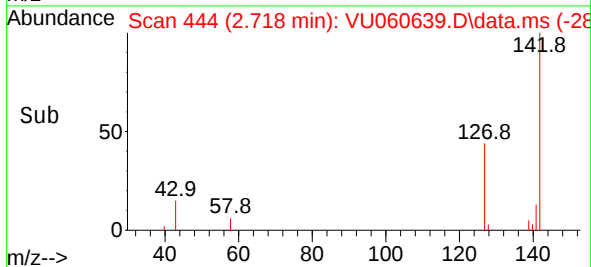
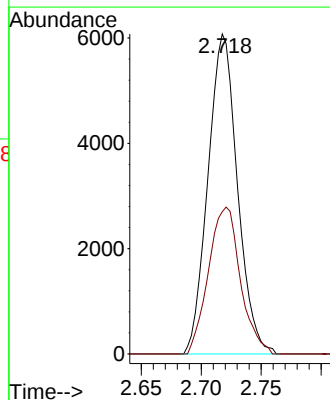
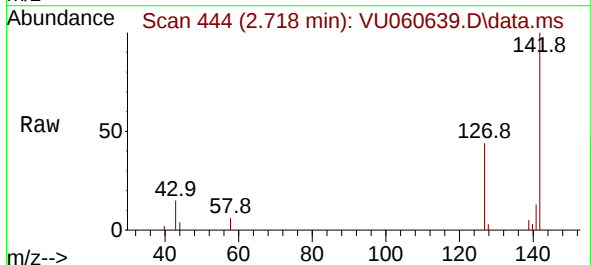
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MSVOA_U
ClientSampleId :

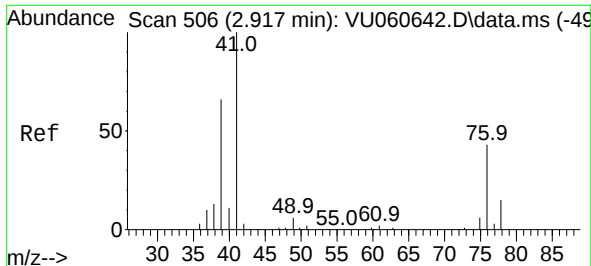
Tgt Ion:	96	Resp:	9145
Ion	Ratio	Lower	Upper
96	100		
61	157.0	0.0	501.0
98	60.9	0.0	128.8



#10
Iodomethane
Concen: 0.654 ug/l
RT: 2.718 min Scan# 444
Delta R.T. -0.000 min
Lab File: VU060639.D
Acq: 06 Sep 2024 12:17

Tgt Ion:	142	Resp:	10375
Ion	Ratio	Lower	Upper
142	100		
127	49.7	38.5	57.7





#11

Allyl Chloride

Concen: 0.740 ug/l

RT: 2.917 min Scan# 506

Delta R.T. -0.000 min

Lab File: VU060639.D

Acq: 06 Sep 2024 12:17

Instrument :

MSVOA_U

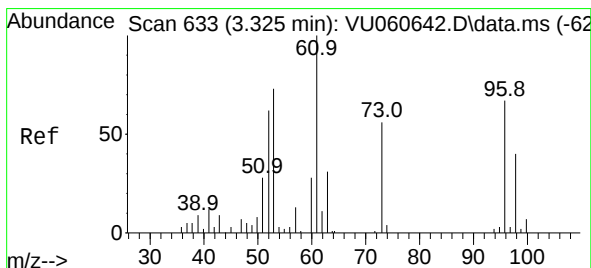
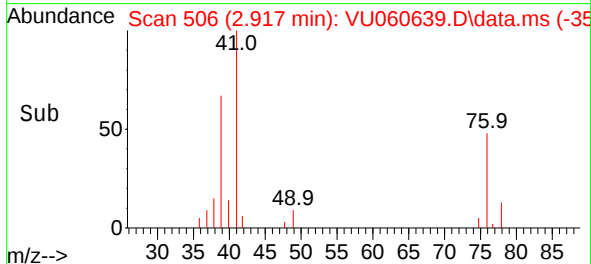
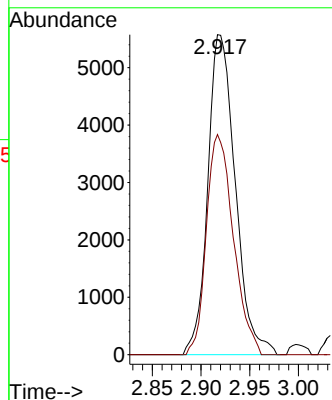
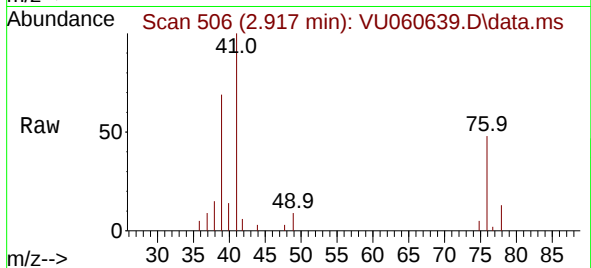
ClientSampleId :

Tgt Ion: 41 Resp: 10945

Ion Ratio Lower Upper

41 100

39 67.6 53.4 80.0



#12

Acrylonitrile

Concen: 0.943 ug/l

RT: 3.348 min Scan# 640

Delta R.T. 0.022 min

Lab File: VU060639.D

Acq: 06 Sep 2024 12:17

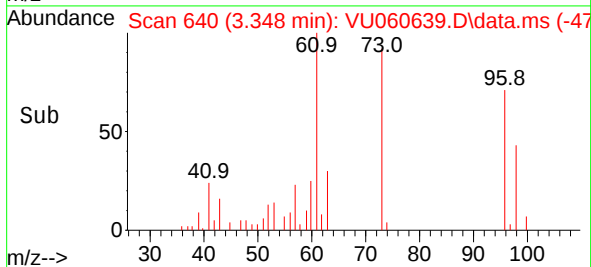
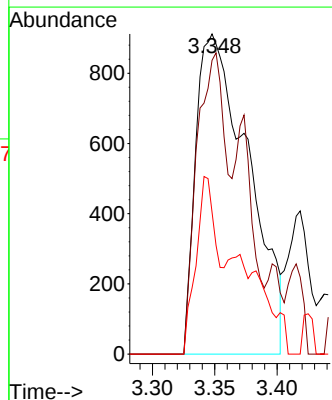
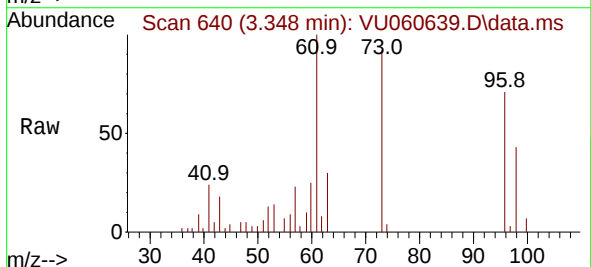
Tgt Ion: 53 Resp: 2655

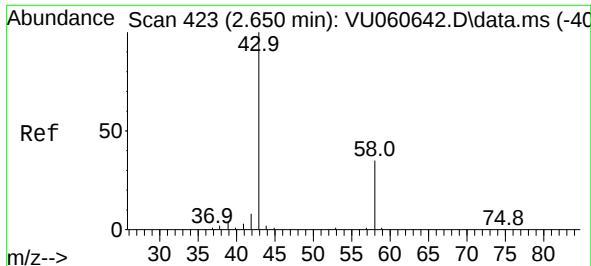
Ion Ratio Lower Upper

53 100

52 53.7 56.6 84.8#

51 23.0 27.0 40.4#





#13

Acetone

Concen: 3.770 ug/l

RT: 2.663 min Scan# 41

Delta R.T. 0.013 min

Lab File: VU060639.D

Acq: 06 Sep 2024 12:17

Instrument :

MSVOA_U

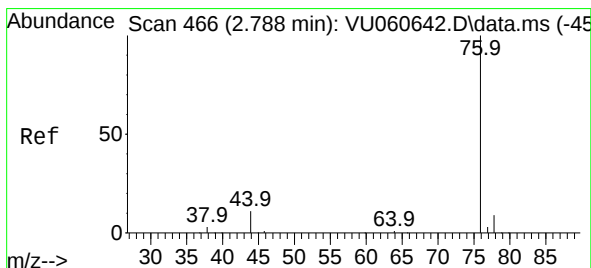
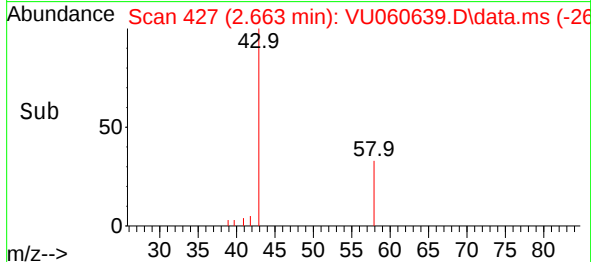
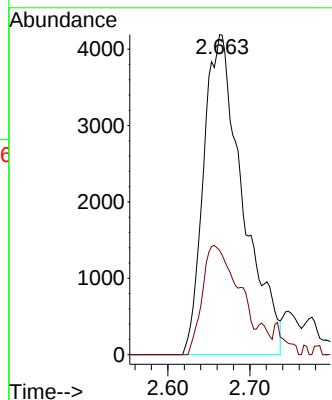
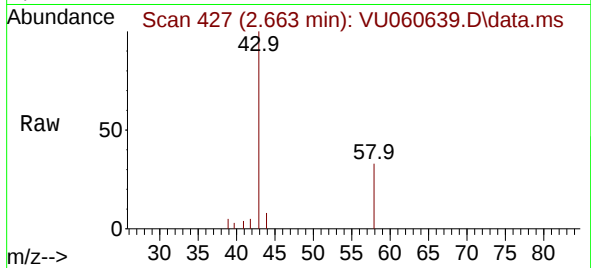
ClientSampleId :

Tgt Ion: 43 Resp: 13884

Ion Ratio Lower Upper

43 100

58 32.6 27.7 41.5



#14

Carbon Disulfide

Concen: 0.813 ug/l

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU060639.D

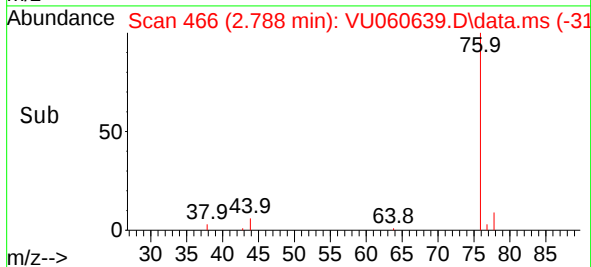
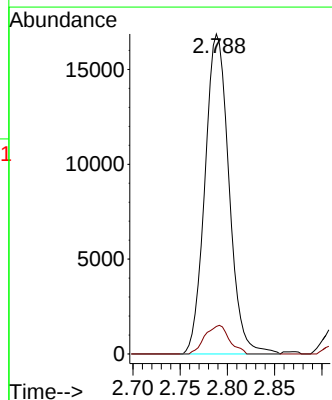
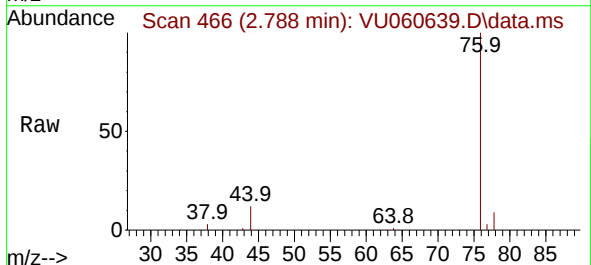
Acq: 06 Sep 2024 12:17

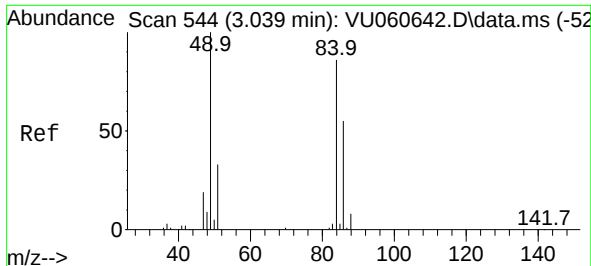
Tgt Ion: 76 Resp: 29810

Ion Ratio Lower Upper

76 100

78 8.6 7.4 11.2





#15

Methylene Chloride

Concen: 1.020 ug/l

RT: 3.042 min Scan# 544

Delta R.T. 0.003 min

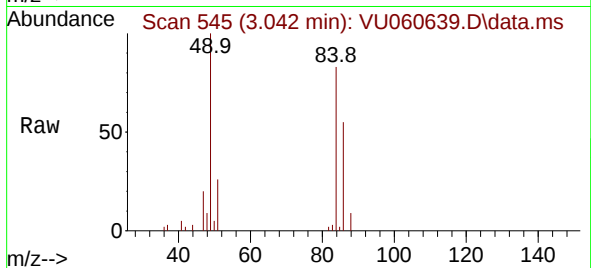
Lab File: VU060639.D

Acq: 06 Sep 2024 12:17

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 84 Resp: 13812

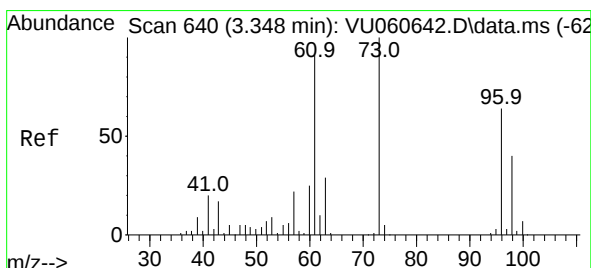
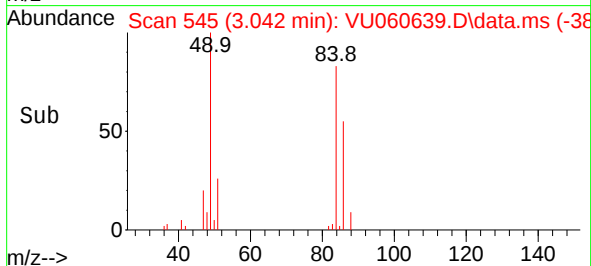
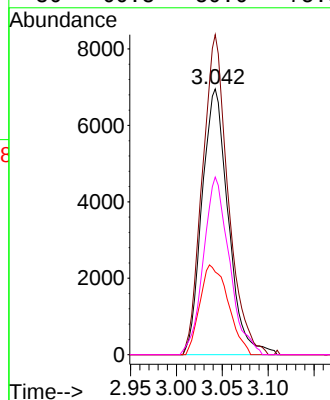
Ion Ratio Lower Upper

84 100

49 120.4 92.8 139.2

51 31.1 0.0 75.4

86 66.8 50.6 75.8



#16

trans-1,2-Dichloroethene

Concen: 0.807 ug/l

RT: 3.348 min Scan# 640

Delta R.T. -0.000 min

Lab File: VU060639.D

Acq: 06 Sep 2024 12:17

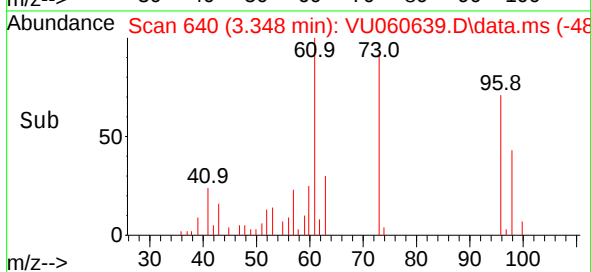
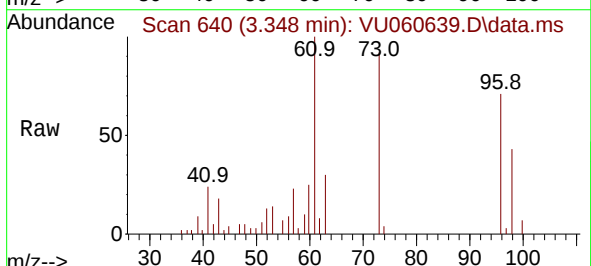
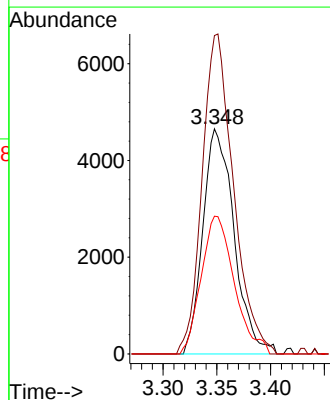
Tgt Ion: 96 Resp: 9381

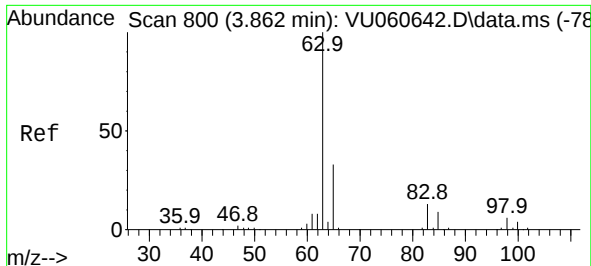
Ion Ratio Lower Upper

96 100

61 141.4 113.3 169.9

98 61.2 50.0 75.0

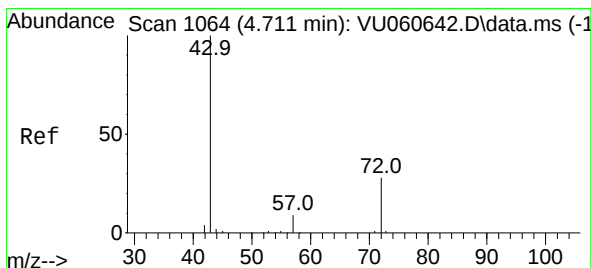
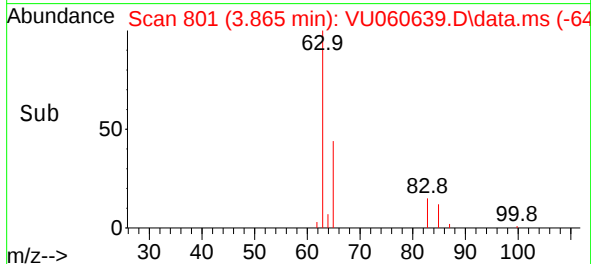
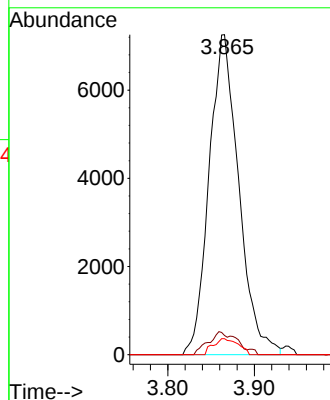
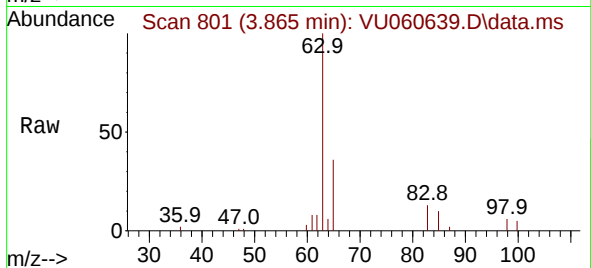




#17
1,1-Dichloroethane
Concen: 0.774 ug/l
RT: 3.865 min Scan# 800
Delta R.T. 0.003 min
Lab File: VU060639.D
Acq: 06 Sep 2024 12:17

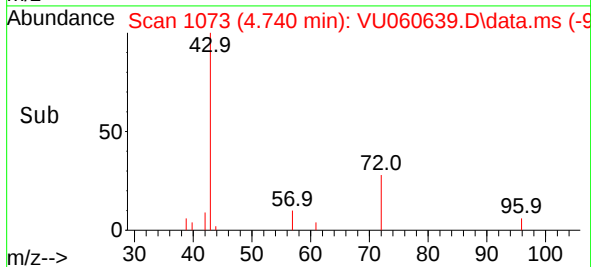
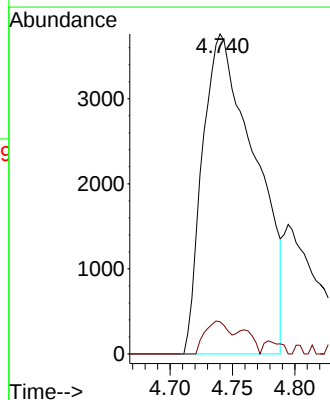
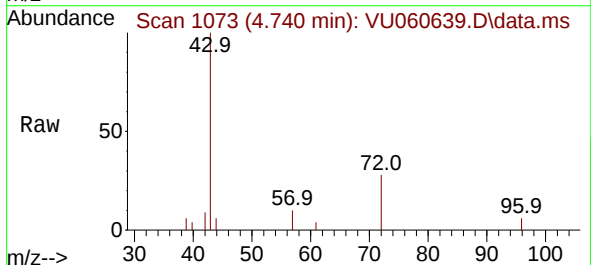
Instrument :
MSVOA_U
ClientSampleId :

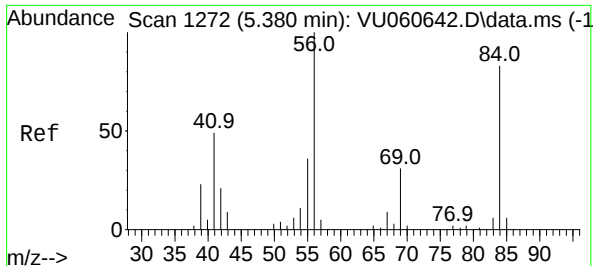
Tgt Ion: 63 Resp: 17280
Ion Ratio Lower Upper
63 100
98 6.0 3.1 9.4
100 5.0 2.1 6.5



#18
2-Butanone
Concen: 2.666 ug/l
RT: 4.740 min Scan# 1073
Delta R.T. 0.029 min
Lab File: VU060639.D
Acq: 06 Sep 2024 12:17

Tgt Ion: 43 Resp: 11069
Ion Ratio Lower Upper
43 100
57 10.0 0.0 18.8





#19

Cyclohexane

Concen: 0.593 ug/l

RT: 5.383 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU060639.D

Acq: 06 Sep 2024 12:17

Instrument :

MSVOA_U

ClientSampleId :

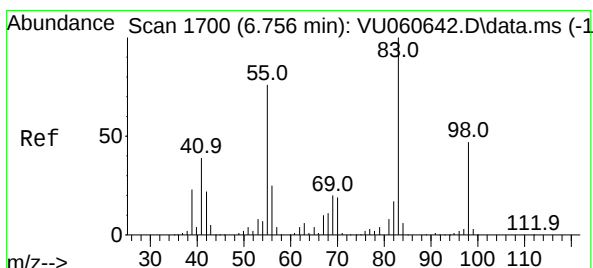
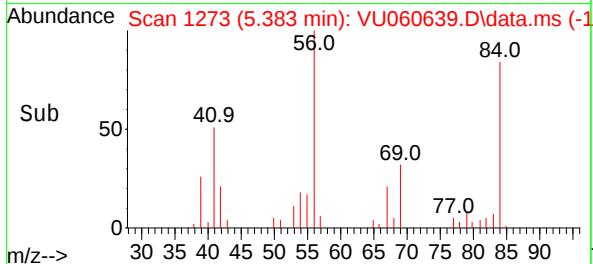
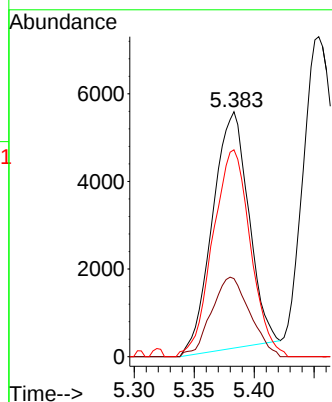
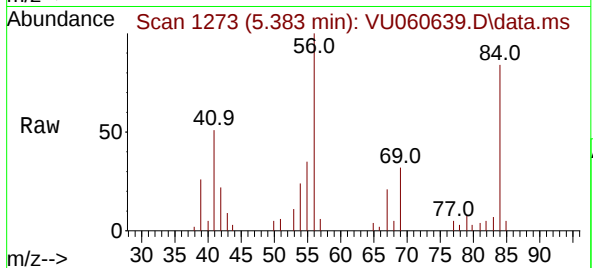
Tgt Ion: 56 Resp: 11358

Ion Ratio Lower Upper

56 100

69 35.7 24.7 37.1

84 91.0 67.6 101.4



#20

Methylcyclohexane

Concen: 0.814 ug/l

RT: 6.756 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VU060639.D

Acq: 06 Sep 2024 12:17

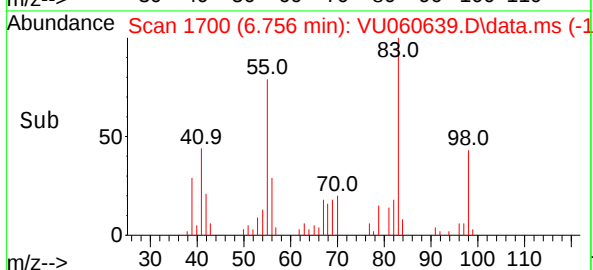
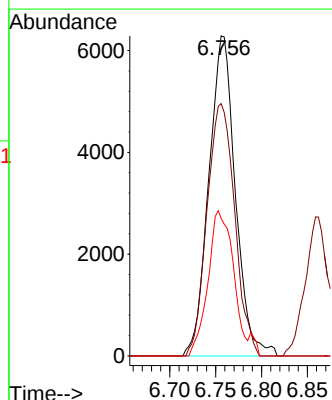
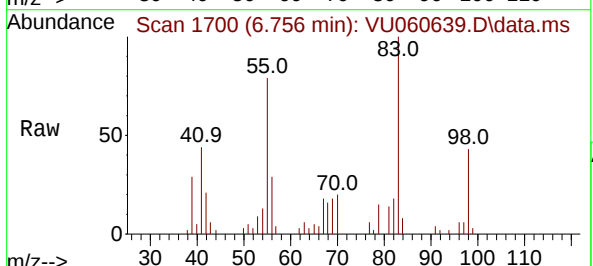
Tgt Ion: 83 Resp: 12667

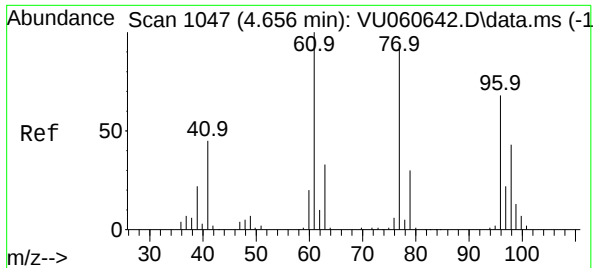
Ion Ratio Lower Upper

83 100

55 82.1 61.6 92.4

98 38.7 37.3 55.9

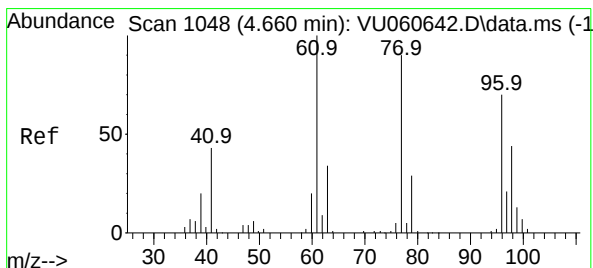
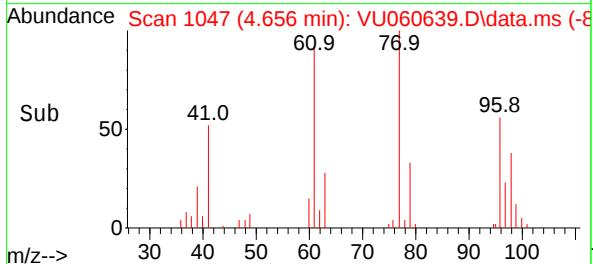
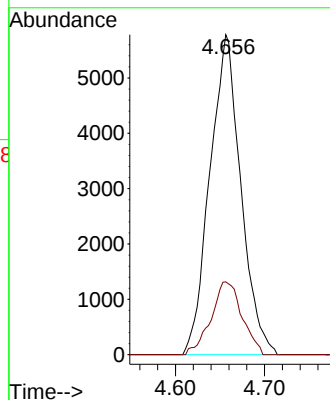
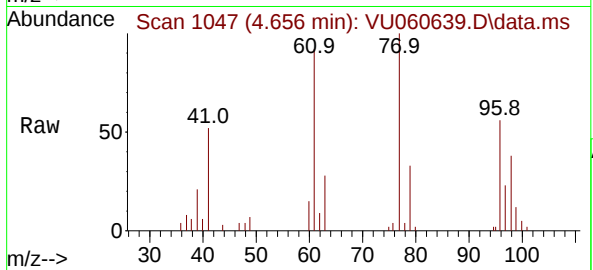




#21
2,2-Dichloropropane
Concen: 0.792 ug/l
RT: 4.656 min Scan# 1047
Delta R.T. -0.000 min
Lab File: VU060639.D
Acq: 06 Sep 2024 12:17

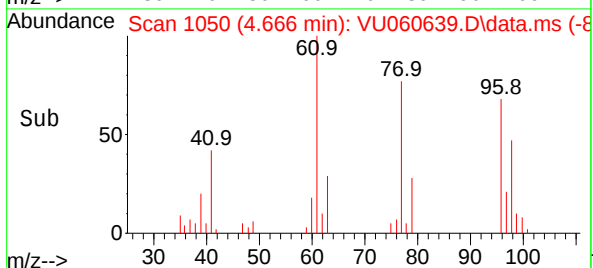
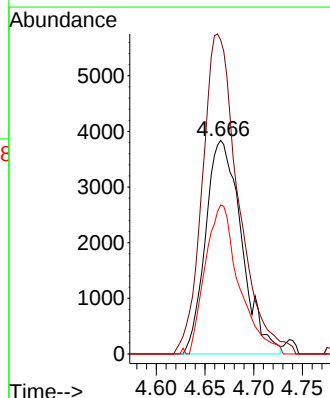
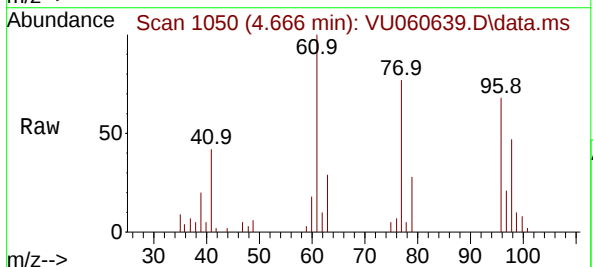
Instrument :
MSVOA_U
ClientSampleId :

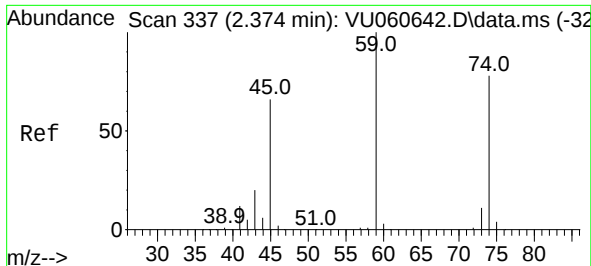
Tgt Ion: 77 Resp: 13955
Ion Ratio Lower Upper
77 100
97 22.8 18.3 27.5



#22
cis-1,2-Dichloroethene
Concen: 0.791 ug/l
RT: 4.666 min Scan# 1050
Delta R.T. 0.006 min
Lab File: VU060639.D
Acq: 06 Sep 2024 12:17

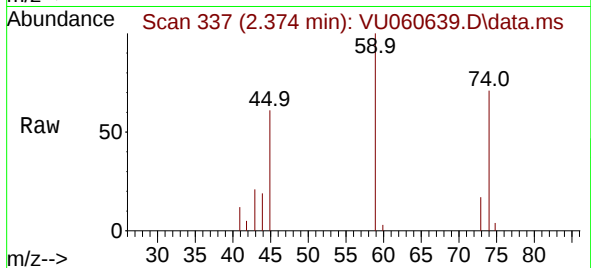
Tgt Ion: 96 Resp: 9854
Ion Ratio Lower Upper
96 100
61 150.0 0.0 374.5
98 65.7 32.8 98.4



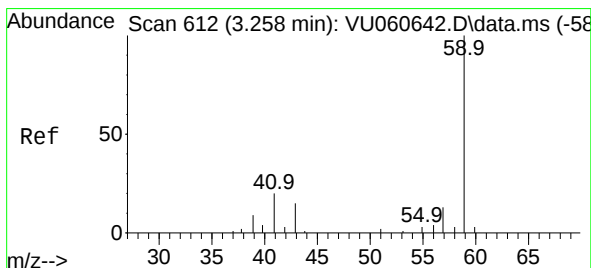
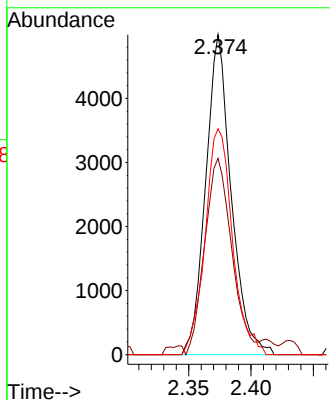
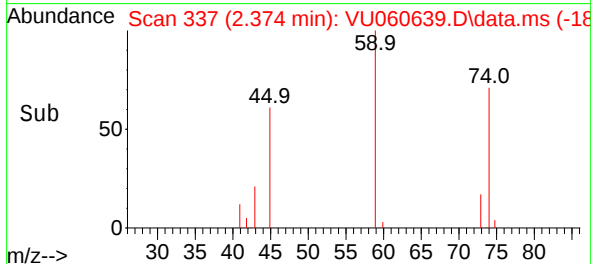


#23
Diethyl Ether
Concen: 0.806 ug/l
RT: 2.374 min Scan# 337
Delta R.T. -0.000 min
Lab File: VU060639.D
Acq: 06 Sep 2024 12:17

Instrument :
MSVOA_U
ClientSampleId :

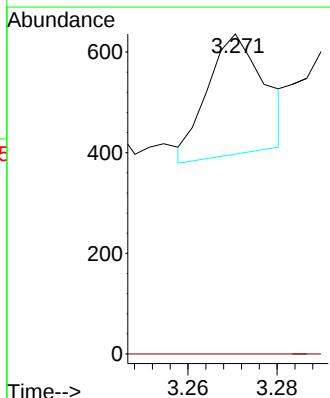
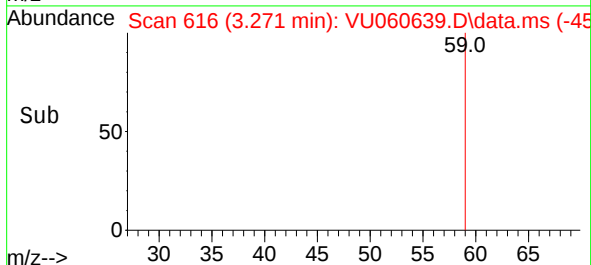
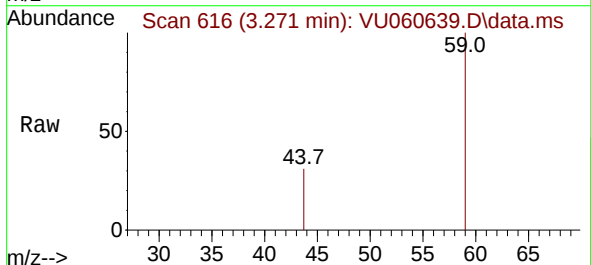


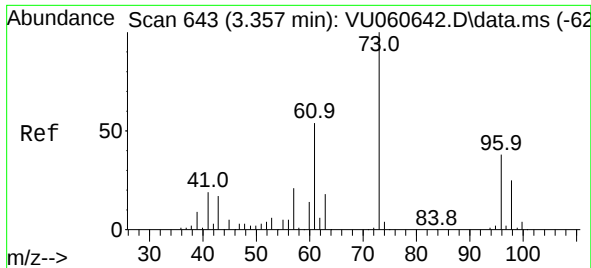
Tgt Ion: 59 Resp: 7137
Ion Ratio Lower Upper
59 100
45 65.3 53.0 79.4
74 75.4 61.6 92.4



#24
tert-Butyl Alcohol
Concen: 0.197 ug/l
RT: 3.271 min Scan# 616
Delta R.T. 0.013 min
Lab File: VU060639.D
Acq: 06 Sep 2024 12:17

Tgt Ion: 59 Resp: 212
Ion Ratio Lower Upper
59 100
57 0.0 2.4 3.6#

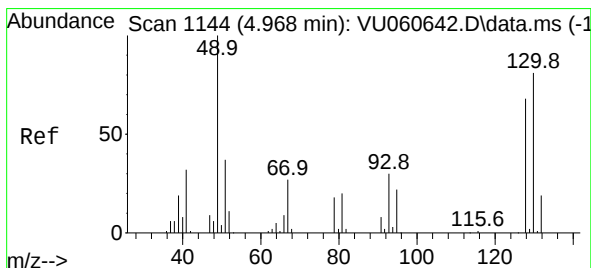
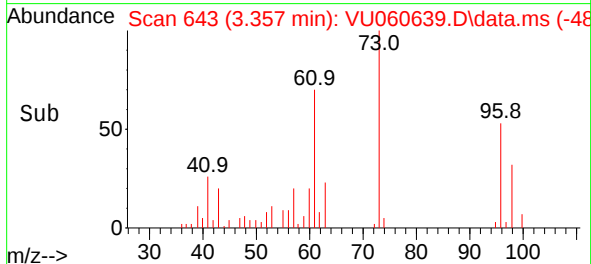
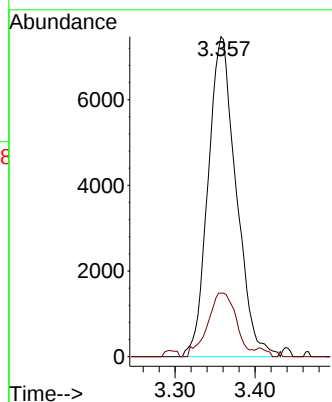
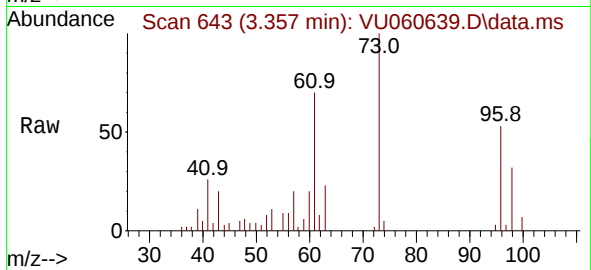




#25
Methyl tert-Butyl Ether
Concen: 0.684 ug/l
RT: 3.357 min Scan# 643
Delta R.T. -0.000 min
Lab File: VU060639.D
Acq: 06 Sep 2024 12:17

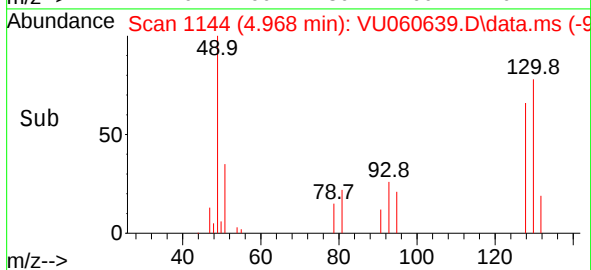
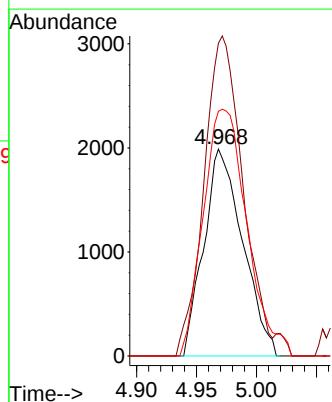
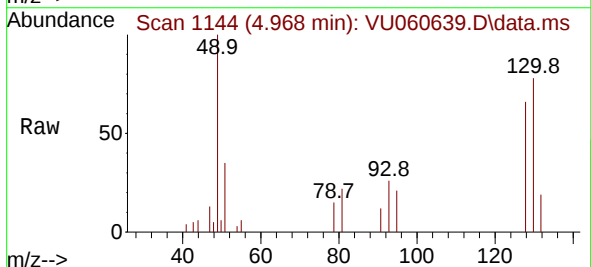
Instrument :
MSVOA_U
ClientSampleId :

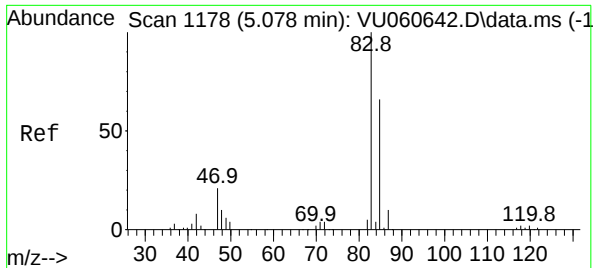
Tgt Ion: 73 Resp: 18226
Ion Ratio Lower Upper
73 100
43 20.3 14.4 21.6



#26
Bromochloromethane
Concen: 0.840 ug/l
RT: 4.968 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VU060639.D
Acq: 06 Sep 2024 12:17

Tgt Ion: 128 Resp: 4478
Ion Ratio Lower Upper
128 100
49 154.7 0.0 315.6
130 134.2 101.6 152.4

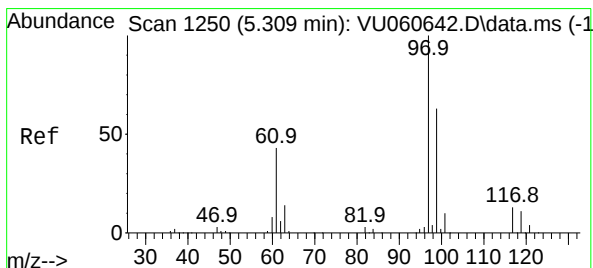
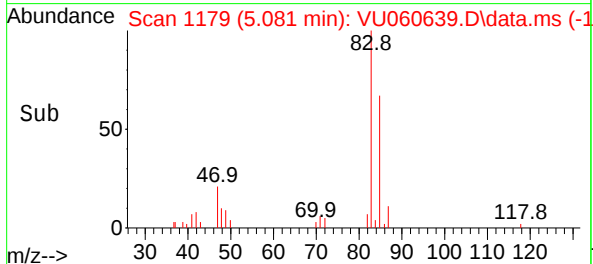
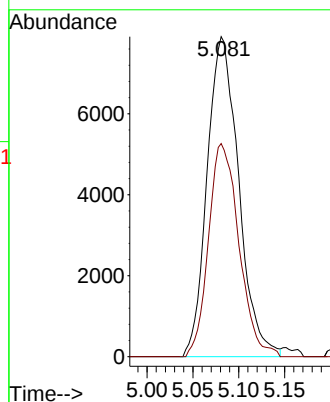
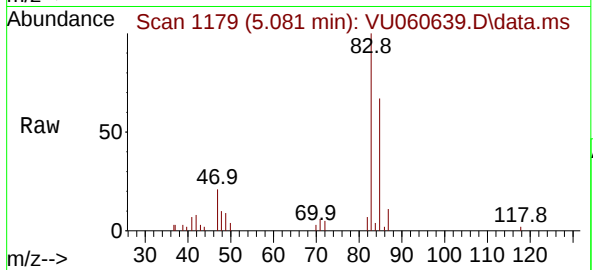




#27
Chloroform
Concen: 0.859 ug/l
RT: 5.081 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VU060639.D
Acq: 06 Sep 2024 12:17

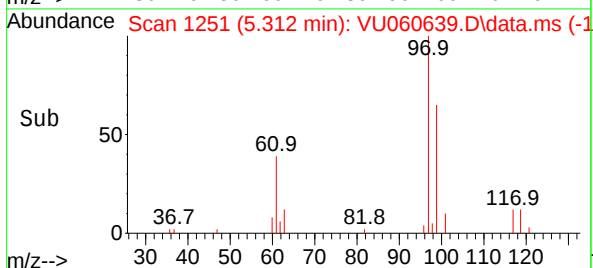
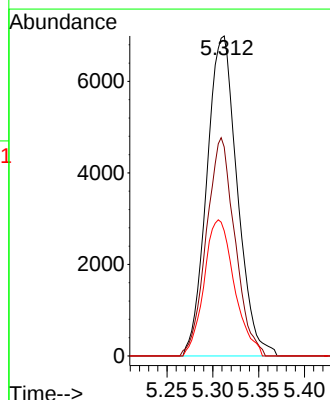
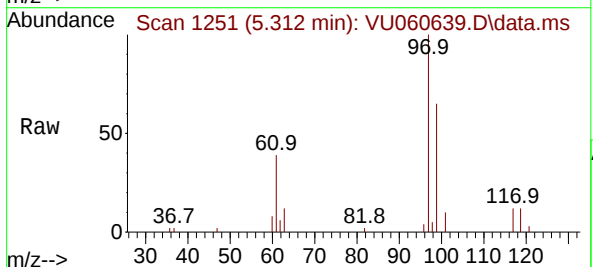
Instrument :
MSVOA_U
ClientSampleId :

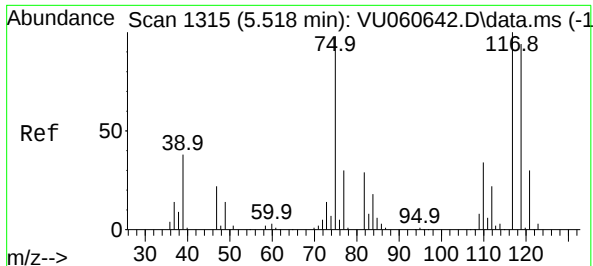
Tgt Ion: 83 Resp: 18913
Ion Ratio Lower Upper
83 100
85 66.6 0.0 131.4



#28
1,1,1-Trichloroethane
Concen: 0.871 ug/l
RT: 5.312 min Scan# 1251
Delta R.T. 0.003 min
Lab File: VU060639.D
Acq: 06 Sep 2024 12:17

Tgt Ion: 97 Resp: 16153
Ion Ratio Lower Upper
97 100
99 64.0 32.1 96.5
61 42.2 21.6 65.0

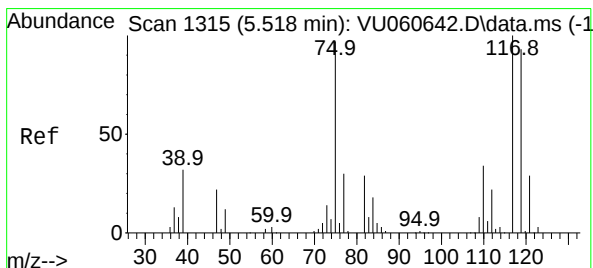
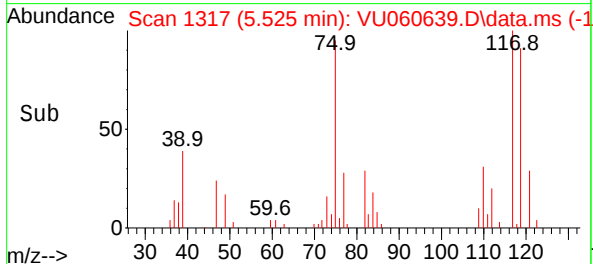
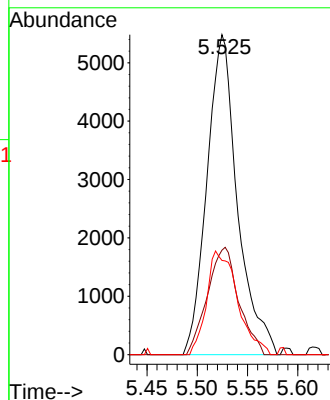
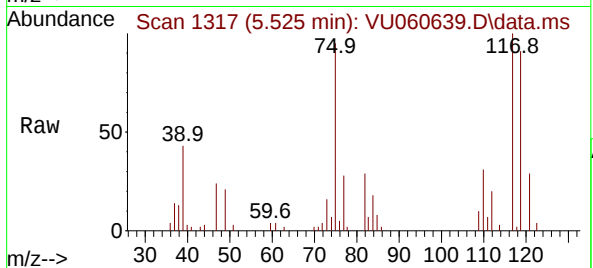




#29
1,1-Dichloropropene
Concen: 0.775 ug/l
RT: 5.525 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU060639.D
Acq: 06 Sep 2024 12:17

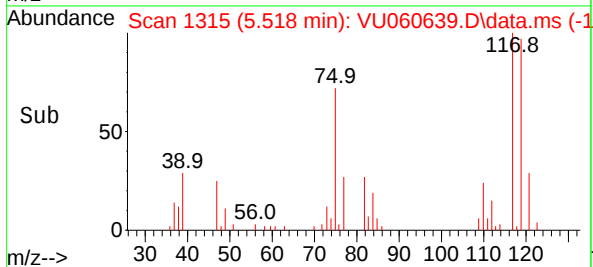
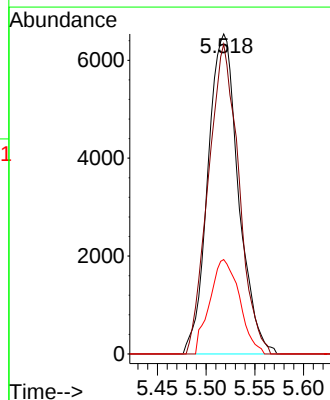
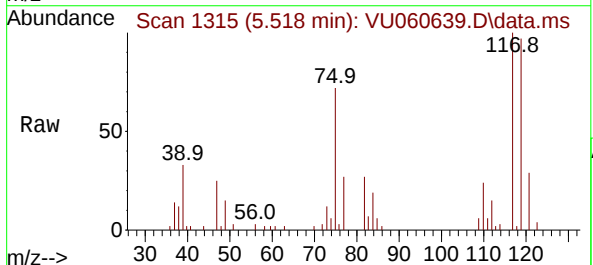
Instrument :
MSVOA_U
ClientSampleId :

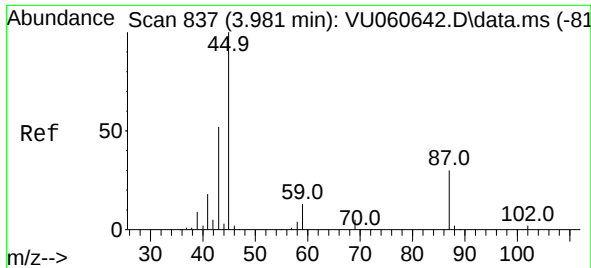
Tgt Ion: 75 Resp: 11555
Ion Ratio Lower Upper
75 100
110 34.4 17.3 52.0
77 32.8 25.0 37.4



#30
Carbon Tetrachloride
Concen: 0.931 ug/l
RT: 5.518 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU060639.D
Acq: 06 Sep 2024 12:17

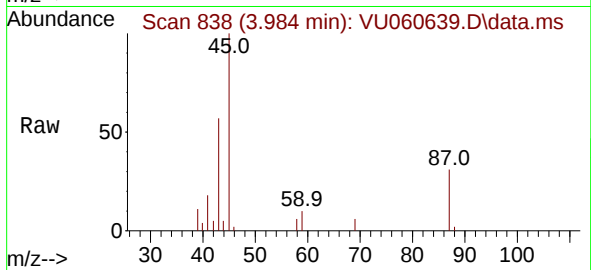
Tgt Ion:117 Resp: 14279
Ion Ratio Lower Upper
117 100
119 96.8 74.7 112.1
121 29.5 23.6 35.4



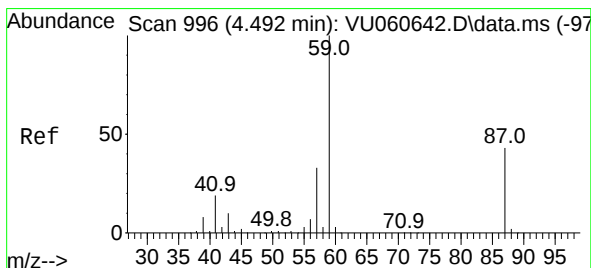
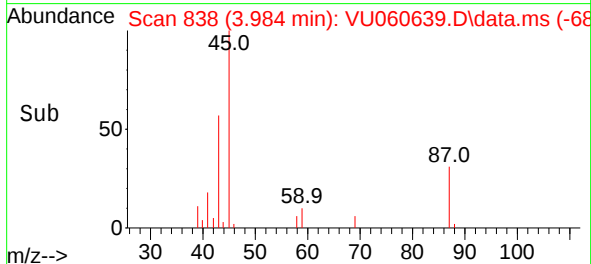
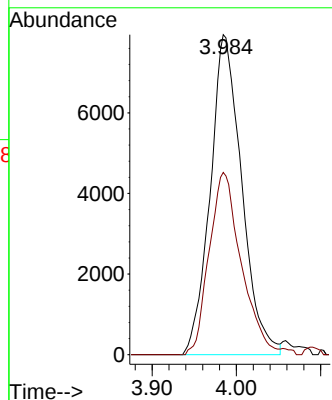


#31
Isopropyl Ether
Concen: 0.639 ug/l
RT: 3.984 min Scan# 837
Delta R.T. 0.003 min
Lab File: VU060639.D
Acq: 06 Sep 2024 12:17

Instrument :
MSVOA_U
ClientSampleId :

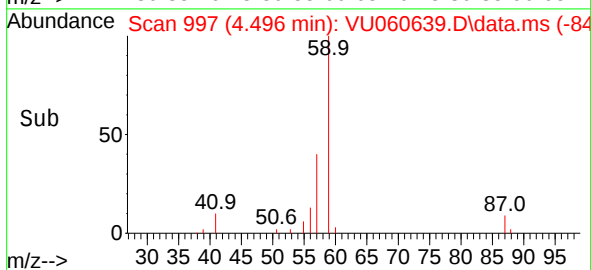
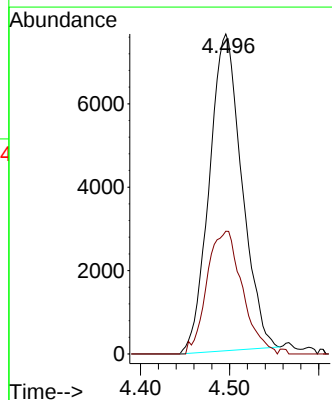
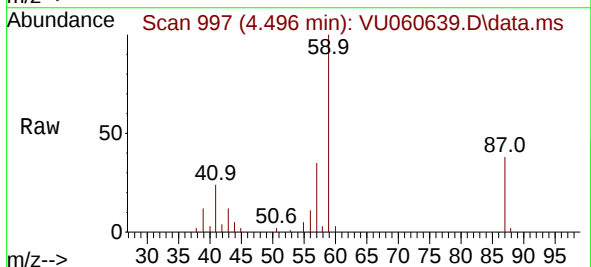


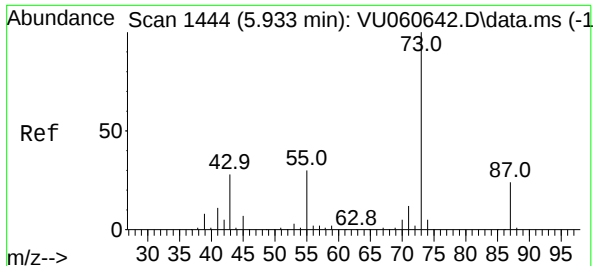
Tgt Ion: 45 Resp: 20594
Ion Ratio Lower Upper
45 100
43 57.9 25.9 77.7



#32
Ethyl-t-butyl ether
Concen: 0.616 ug/l
RT: 4.496 min Scan# 997
Delta R.T. 0.003 min
Lab File: VU060639.D
Acq: 06 Sep 2024 12:17

Tgt Ion: 59 Resp: 19307
Ion Ratio Lower Upper
59 100
87 42.0 33.6 50.4

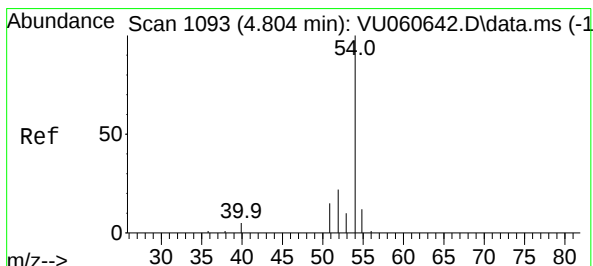
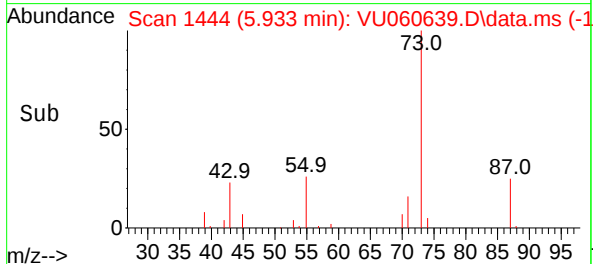
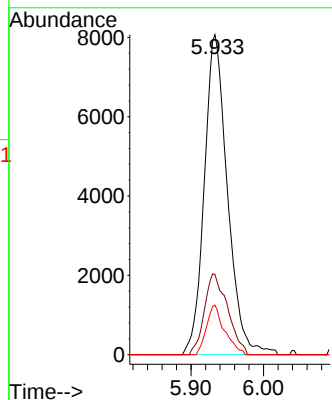
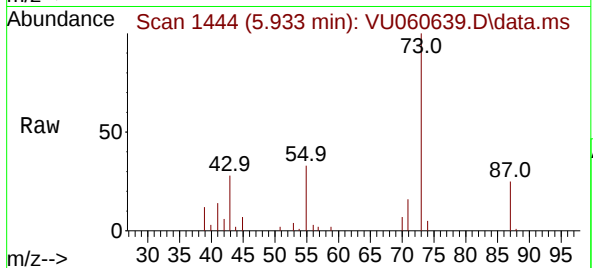




#33
Tert-Amyl methyl ether
Concen: 0.783 ug/l
RT: 5.933 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VU060639.D
Acq: 06 Sep 2024 12:17

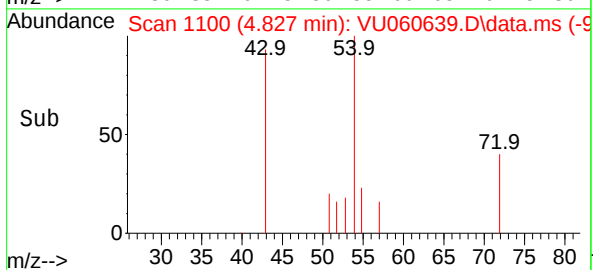
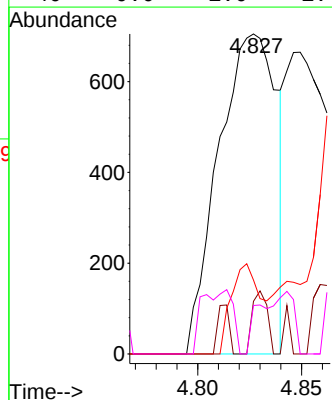
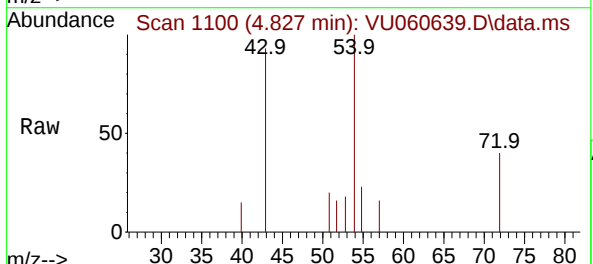
Instrument :
MSVOA_U
ClientSampleId :

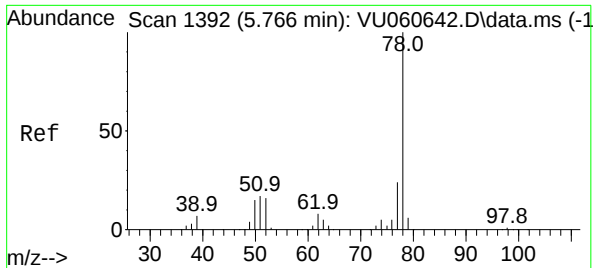
Tgt Ion: 73	Resp:	17944
Ion Ratio	Lower	Upper
73	100	
87	25.3	19.8 29.8
71	12.1	9.2 13.8



#34
Propionitrile
Concen: 1.203 ug/l
RT: 4.827 min Scan# 1100
Delta R.T. 0.022 min
Lab File: VU060639.D
Acq: 06 Sep 2024 12:17

Tgt Ion: 54	Resp:	1362
Ion Ratio	Lower	Upper
54	100	
52	5.1	12.2 18.2#
55	14.5	3.5 5.3#
40	0.0	1.0 1.4#





#35

Benzene

Concen: 0.812 ug/l

RT: 5.769 min Scan# 1400

Delta R.T. 0.003 min

Lab File: VU060639.D

Acq: 06 Sep 2024 12:17

Instrument :

MSVOA_U

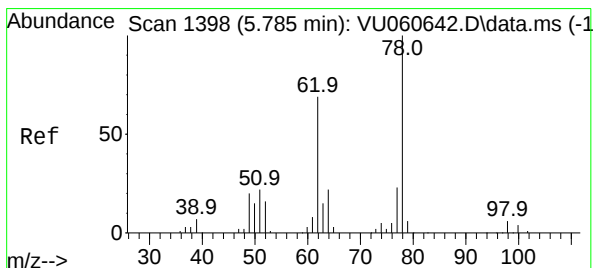
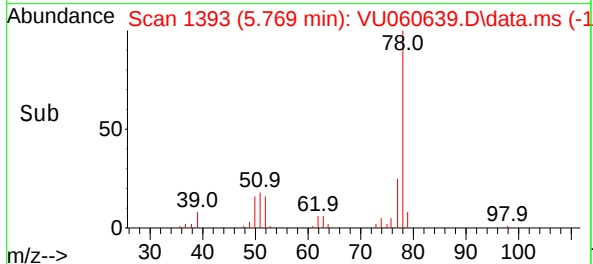
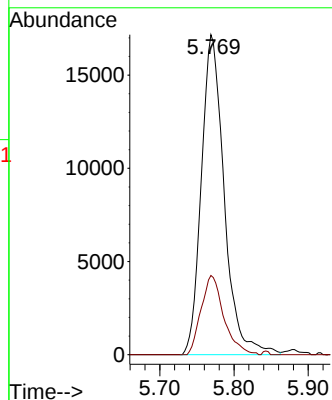
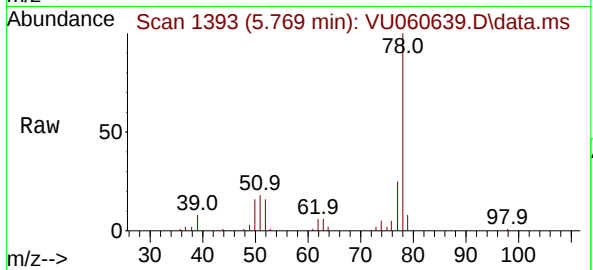
ClientSampleId :

Tgt Ion: 78 Resp: 36690

Ion Ratio Lower Upper

78 100

77 24.7 19.4 29.2



#36

1,2-Dichloroethane

Concen: 0.884 ug/l

RT: 5.795 min Scan# 1401

Delta R.T. 0.010 min

Lab File: VU060639.D

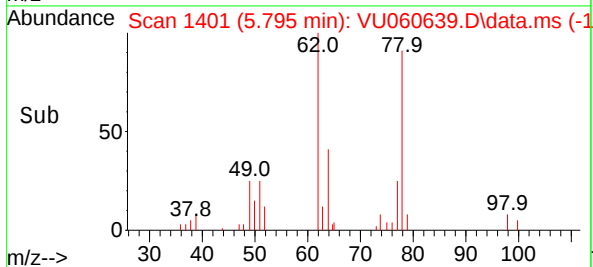
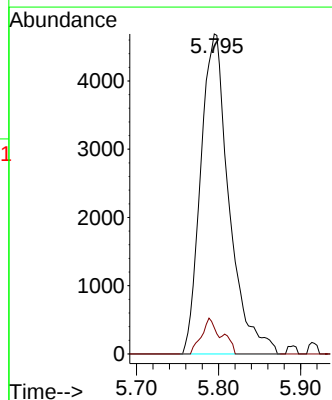
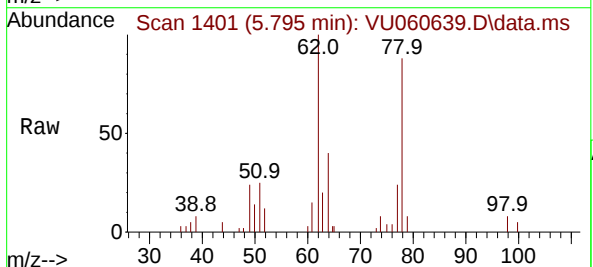
Acq: 06 Sep 2024 12:17

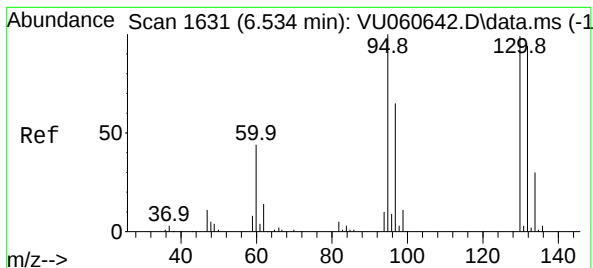
Tgt Ion: 62 Resp: 11285

Ion Ratio Lower Upper

62 100

98 5.8 6.9 10.3#





#37

Trichloroethene

Concen: 0.944 ug/l

RT: 6.541 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU060639.D

Acq: 06 Sep 2024 12:17

Instrument :

MSVOA_U

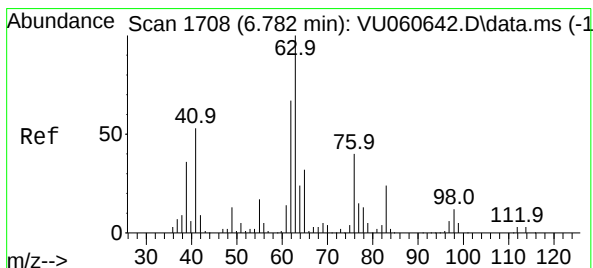
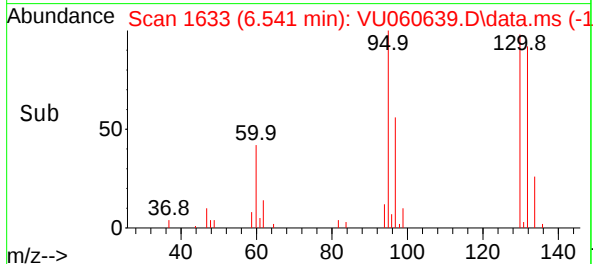
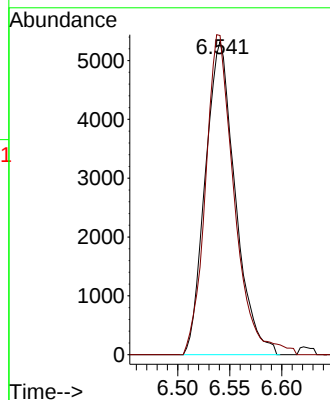
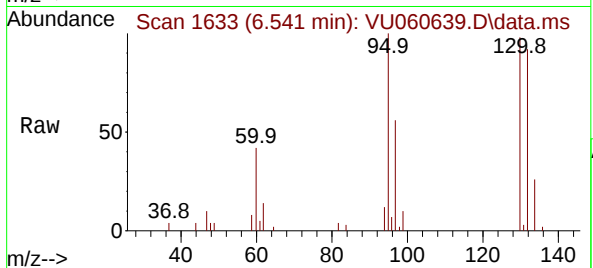
ClientSampleId :

Tgt Ion:130 Resp: 10650

Ion Ratio Lower Upper

130 100

95 102.0 80.9 121.3



#38

1,2-Dichloropropane

Concen: 0.815 ug/l

RT: 6.788 min Scan# 1710

Delta R.T. 0.006 min

Lab File: VU060639.D

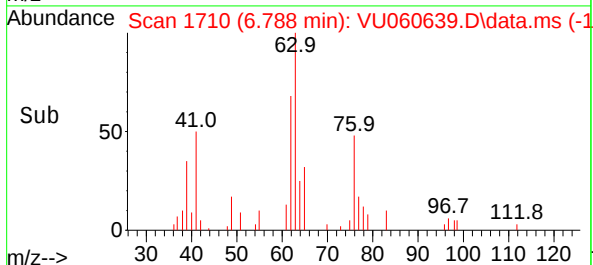
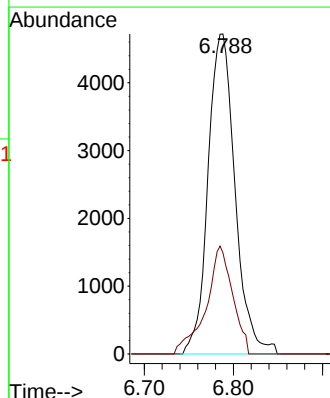
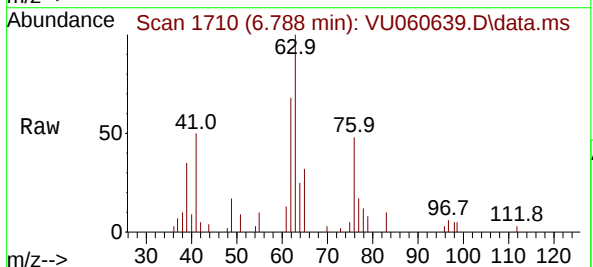
Acq: 06 Sep 2024 12:17

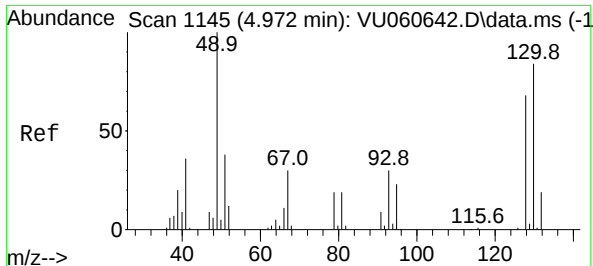
Tgt Ion: 63 Resp: 9945

Ion Ratio Lower Upper

63 100

65 31.6 25.8 38.6





#39

Methacrylonitrile

Concen: 0.345 ug/l

RT: 4.997 min Scan# 1145

Delta R.T. 0.026 min

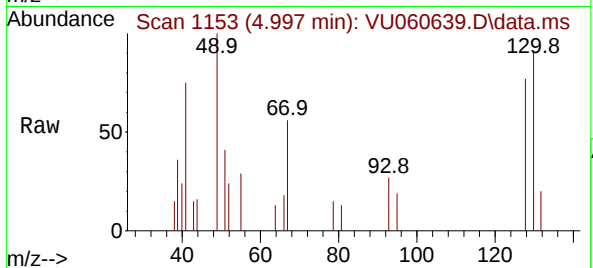
Lab File: VU060639.D

Acq: 06 Sep 2024 12:17

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 41 Resp: 1398

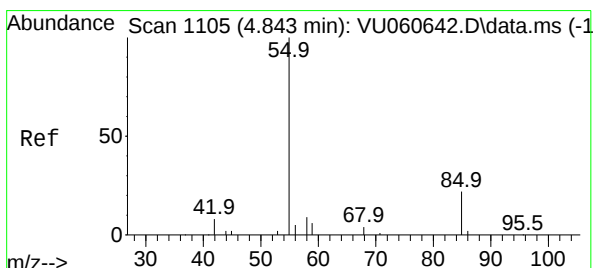
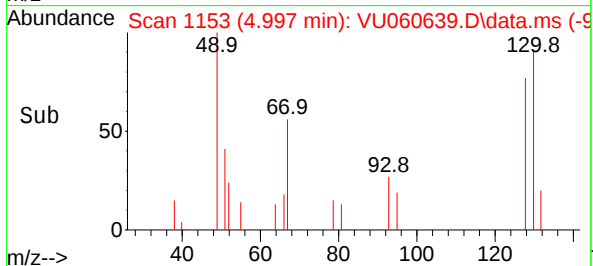
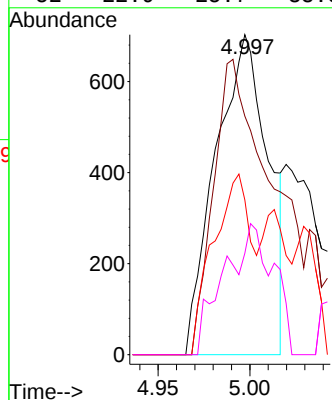
Ion Ratio Lower Upper

41 100

67 103.4 72.6 109.0

39 40.9 42.8 64.2#

52 22.9 25.7 38.5#



#40

Methyl acrylate

Concen: 0.028 ug/l

RT: 4.824 min Scan# 1099

Delta R.T. -0.019 min

Lab File: VU060639.D

Acq: 06 Sep 2024 12:17

Tgt Ion: 55 Resp: 198

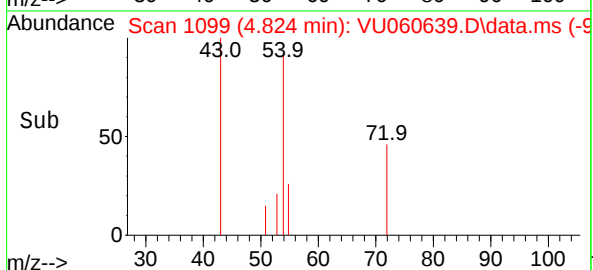
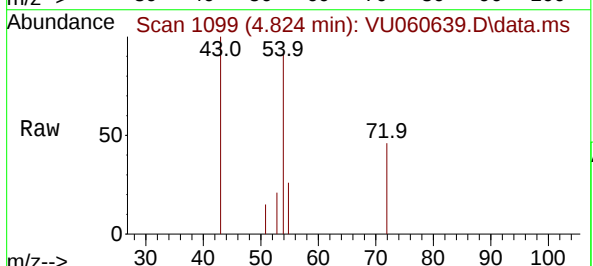
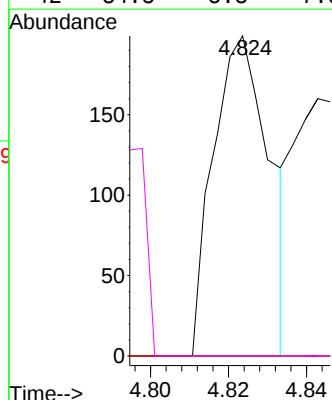
Ion Ratio Lower Upper

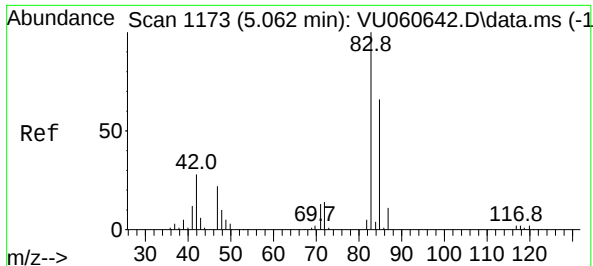
55 100

85 0.0 12.2 18.4#

58 0.0 6.3 9.5#

42 34.8 5.3 7.9#





#41

Tetrahydrofuran

Concen: 0.461 ug/l

RT: 5.068 min Scan# 1175

Delta R.T. 0.006 min

Lab File: VU060639.D

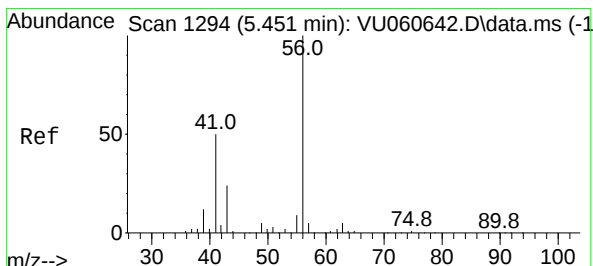
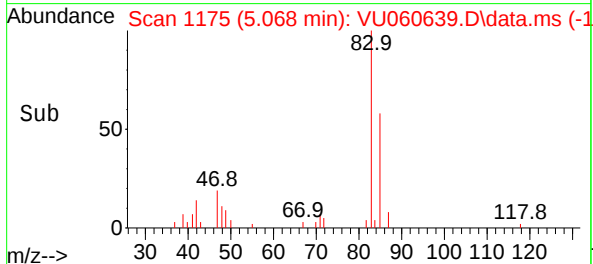
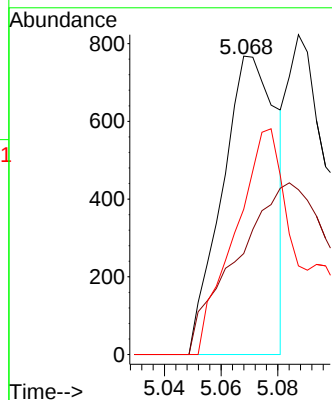
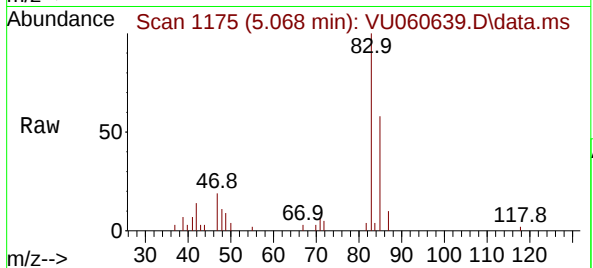
Acq: 06 Sep 2024 12:17

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	42	Resp:	1026
Ion Ratio	Lower	Upper	
42	100		
72	0.0	40.4	60.6#
71	0.0	33.8	50.6#



#42

1-Chlorobutane

Concen: 0.774 ug/l

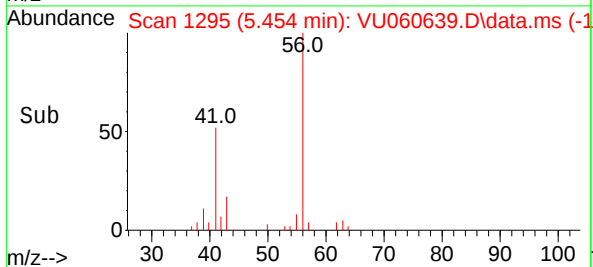
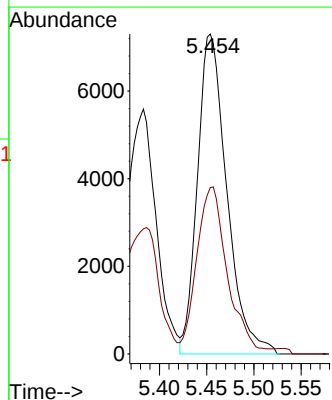
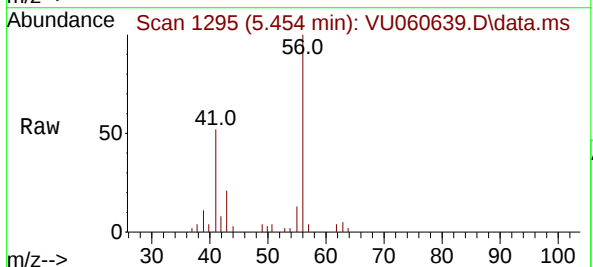
RT: 5.454 min Scan# 1295

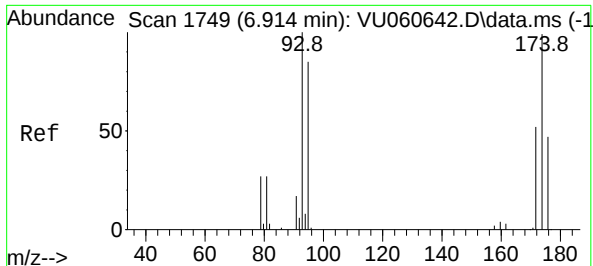
Delta R.T. 0.003 min

Lab File: VU060639.D

Acq: 06 Sep 2024 12:17

Tgt Ion:	56	Resp:	15776
Ion Ratio	Lower	Upper	
56	100		
41	51.7	24.9	74.6





#43

Dibromomethane

Concen: 0.783 ug/l

RT: 6.920 min Scan# 1751

Delta R.T. 0.006 min

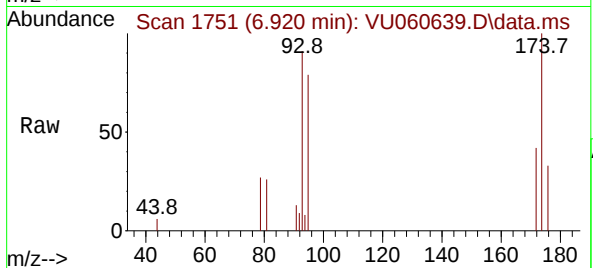
Lab File: VU060639.D

Acq: 06 Sep 2024 12:17

Instrument :

MSVOA_U

ClientSampleId :



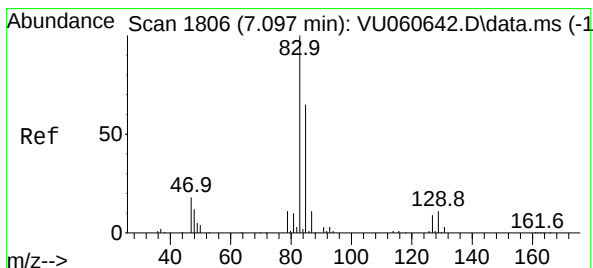
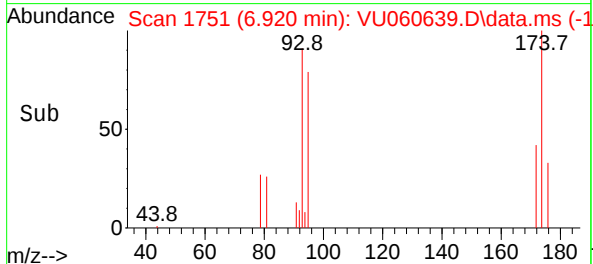
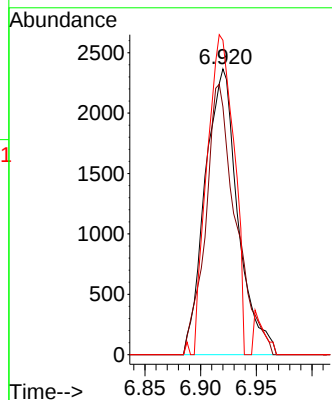
Tgt Ion: 93 Resp: 4837

Ion Ratio Lower Upper

93 100

95 87.4 66.1 99.1

174 92.6 76.2 114.4



#44

Bromodichloromethane

Concen: 0.803 ug/l

RT: 7.100 min Scan# 1807

Delta R.T. 0.003 min

Lab File: VU060639.D

Acq: 06 Sep 2024 12:17

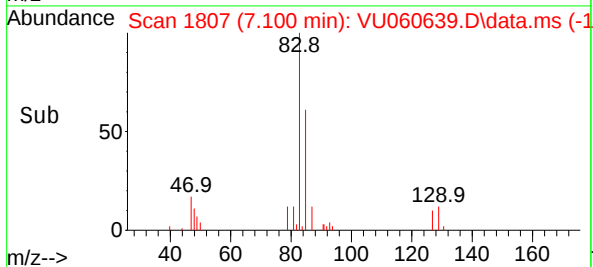
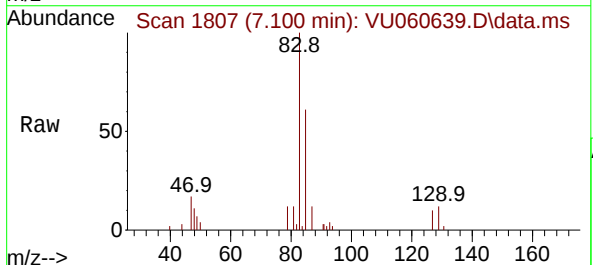
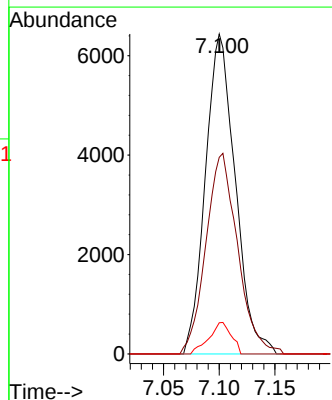
Tgt Ion: 83 Resp: 11994

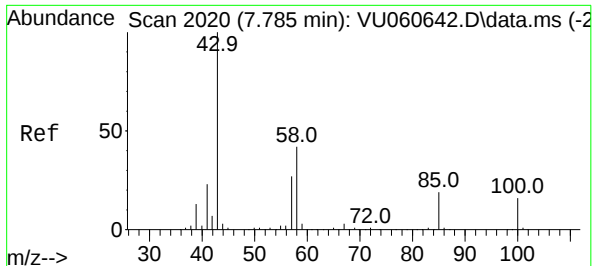
Ion Ratio Lower Upper

83 100

85 60.4 52.2 78.4

127 9.6 8.1 12.1

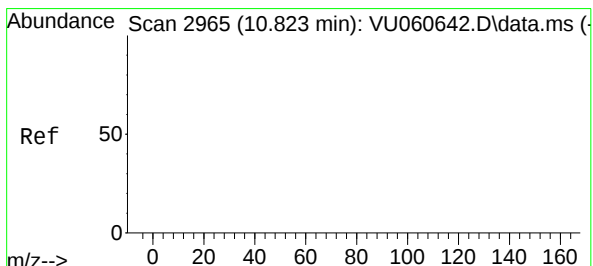
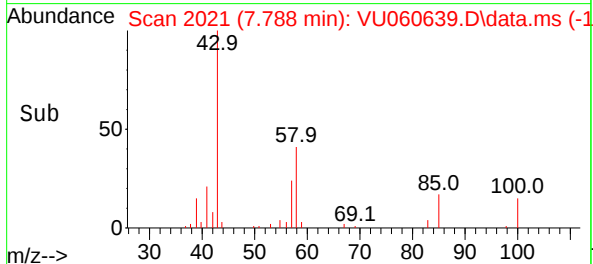
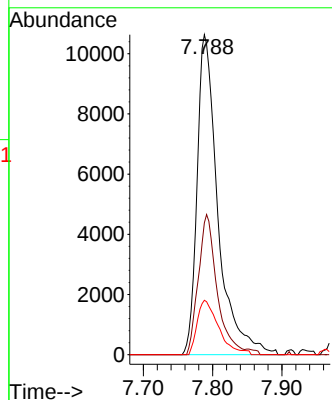
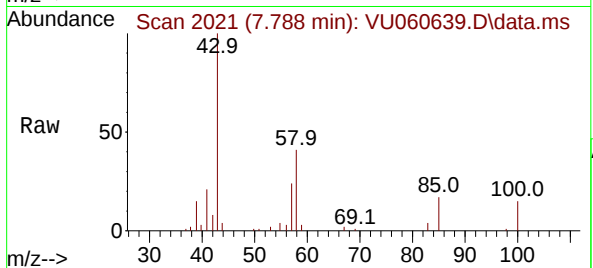




#45
4-Methyl-2-Pentanone
Concen: 3.789 ug/l
RT: 7.788 min Scan# 2020
Delta R.T. 0.003 min
Lab File: VU060639.D
Acq: 06 Sep 2024 12:17

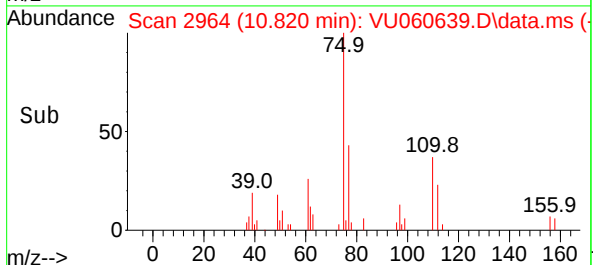
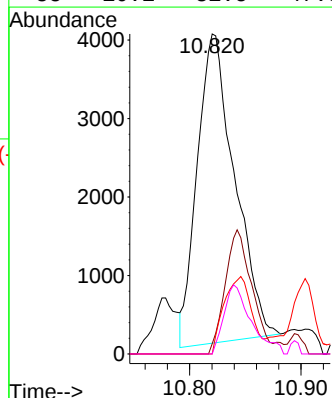
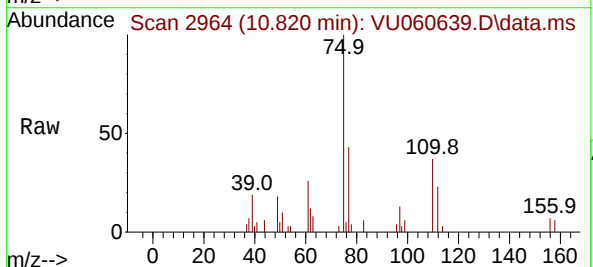
Instrument :
MSVOA_U
ClientSampleId :

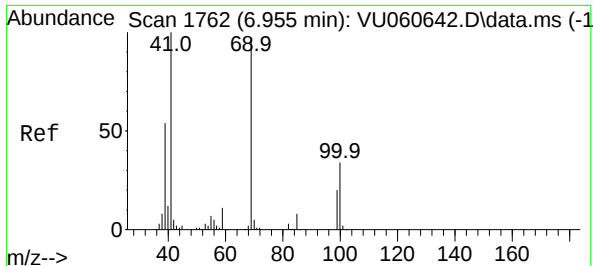
Tgt Ion:	43	Resp:	22262
Ion Ratio	Lower	Upper	
43	100		
58	39.1	21.2	63.6
85	17.5	15.2	22.8



#46
t-1,4-Dichloro-2-butene
Concen: 2.824 ug/l
RT: 10.820 min Scan# 2964
Delta R.T. -0.003 min
Lab File: VU060639.D
Acq: 06 Sep 2024 12:17

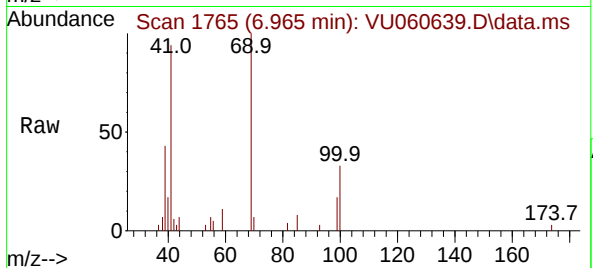
Tgt Ion:	75	Resp:	9198
Ion Ratio	Lower	Upper	
75	100		
53	28.7	55.5	83.3#
89	18.7	36.8	55.2#
88	16.1	31.5	47.3#



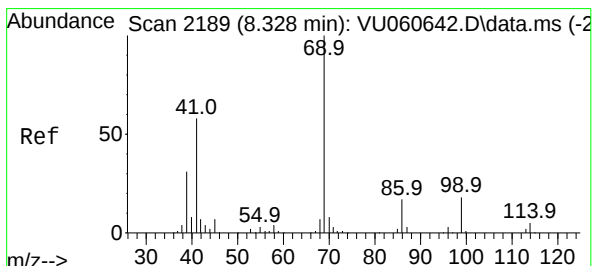
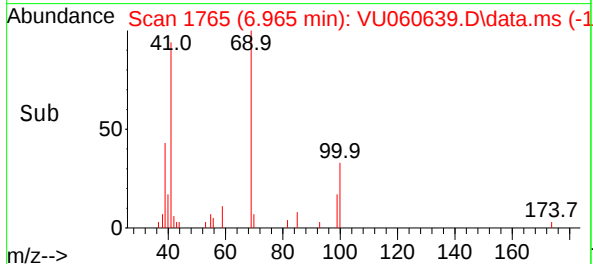
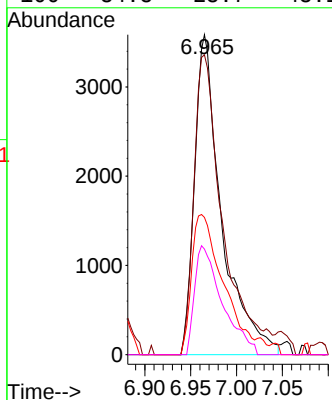


#47
Methyl methacrylate
Concen: 1.466 ug/l
RT: 6.965 min Scan# 11
Delta R.T. 0.010 min
Lab File: VU060639.D
Acq: 06 Sep 2024 12:17

Instrument :
MSVOA_U
ClientSampleId :

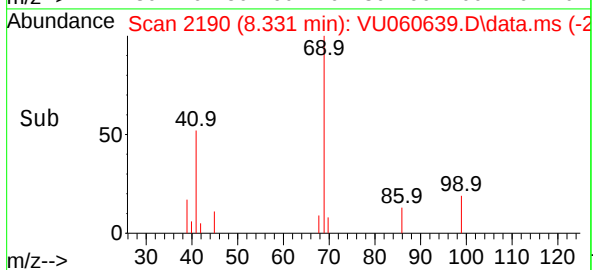
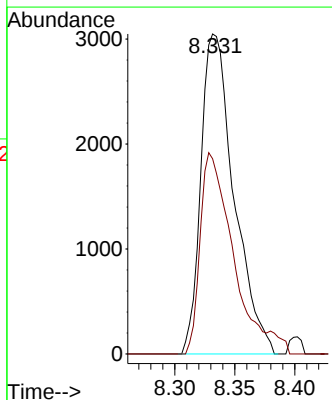
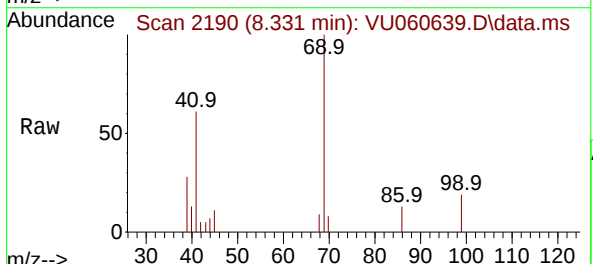


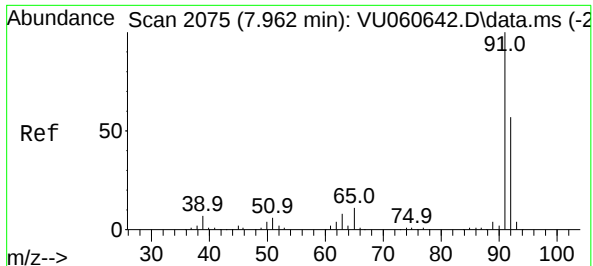
Tgt Ion:	69	Resp:	7338
Ion	Ratio	Lower	Upper
69	100		
41	100.1	0.0	211.8
39	51.2	45.1	67.7
100	34.8	28.7	43.1



#48
Ethyl methacrylate
Concen: 0.682 ug/l
RT: 8.331 min Scan# 2190
Delta R.T. 0.003 min
Lab File: VU060639.D
Acq: 06 Sep 2024 12:17

Tgt Ion:	69	Resp:	5864
Ion	Ratio	Lower	Upper
69	100		
41	63.2	28.9	86.7





#49

Toluene

Concen: 0.766 ug/l

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU060639.D

Acq: 06 Sep 2024 12:17

Instrument :

MSVOA_U

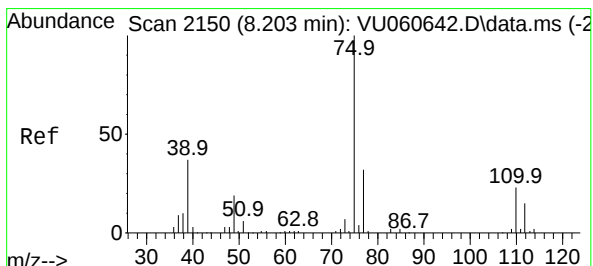
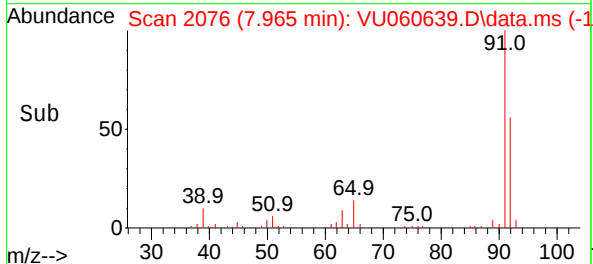
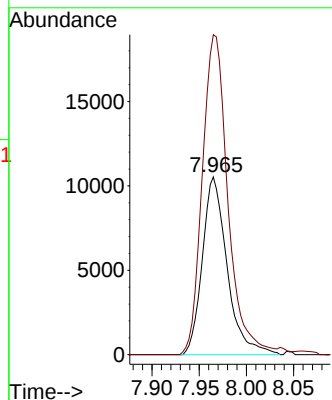
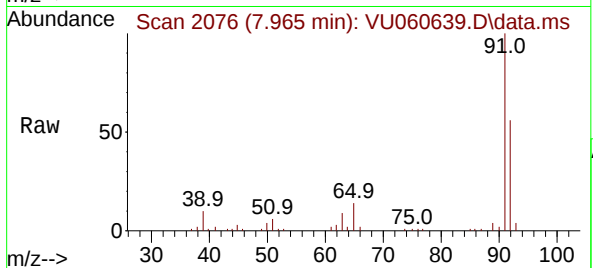
ClientSampleId :

Tgt Ion: 92 Resp: 19202

Ion Ratio Lower Upper

92 100

91 185.9 140.4 210.6



#50

t-1,3-Dichloropropene

Concen: 0.779 ug/l

RT: 8.209 min Scan# 2152

Delta R.T. 0.006 min

Lab File: VU060639.D

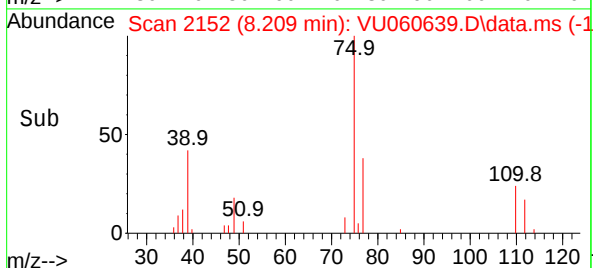
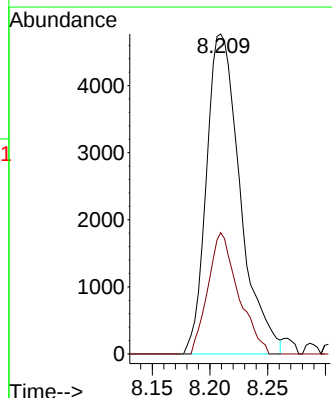
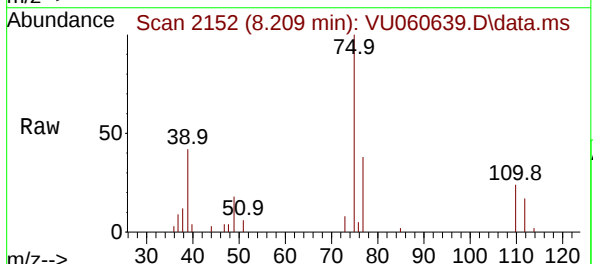
Acq: 06 Sep 2024 12:17

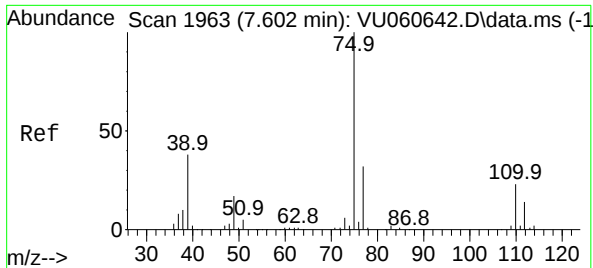
Tgt Ion: 75 Resp: 9684

Ion Ratio Lower Upper

75 100

77 37.9 25.2 37.8#

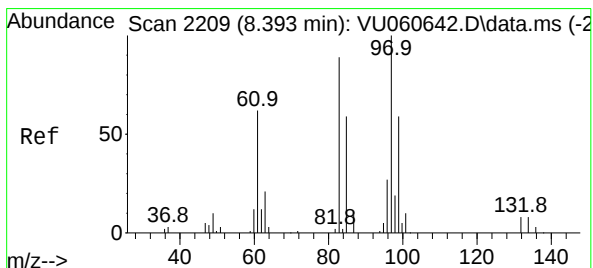
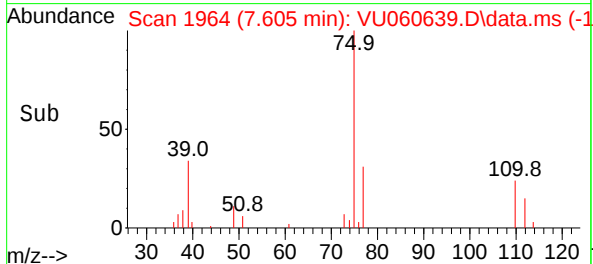
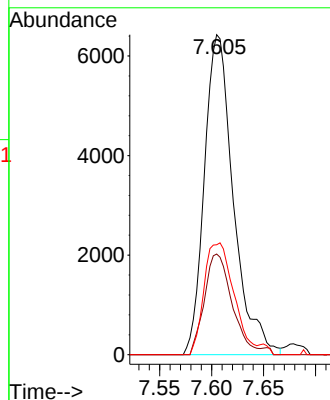
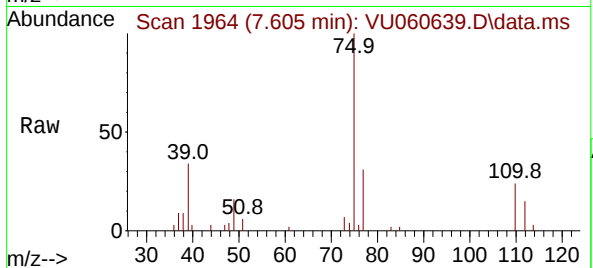




#51
 cis-1,3-Dichloropropene
 Concen: 0.837 ug/l
 RT: 7.605 min Scan# 1963
 Delta R.T. 0.003 min
 Lab File: VU060639.D
 Acq: 06 Sep 2024 12:17

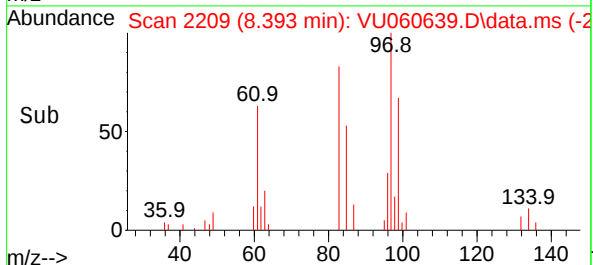
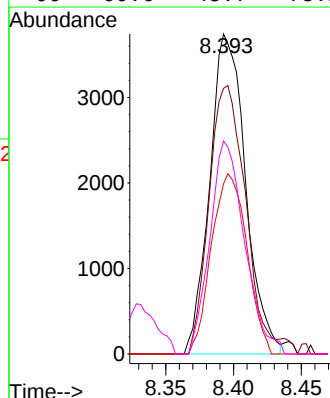
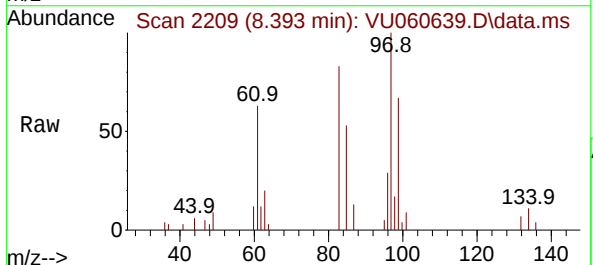
Instrument :
 MSVOA_U
 ClientSampleId :

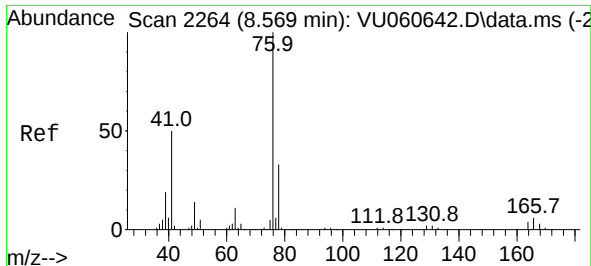
Tgt Ion: 75 Resp: 12489
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.4 38.2
 39 34.3 30.7 46.1



#52
 1,1,2-Trichloroethane
 Concen: 0.765 ug/l
 RT: 8.393 min Scan# 2209
 Delta R.T. -0.000 min
 Lab File: VU060639.D
 Acq: 06 Sep 2024 12:17

Tgt Ion: 97 Resp: 6879
 Ion Ratio Lower Upper
 97 100
 83 83.0 71.4 107.2
 85 53.2 46.9 70.3
 99 66.6 48.7 73.1

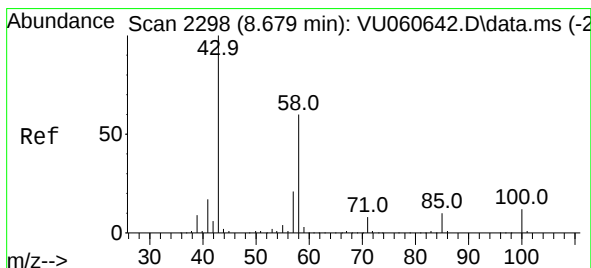
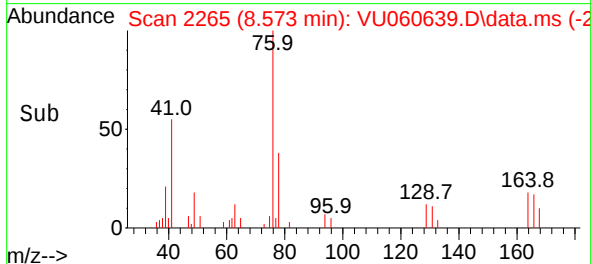
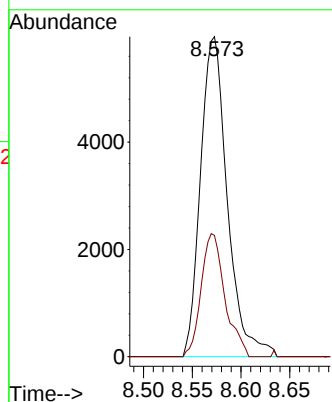
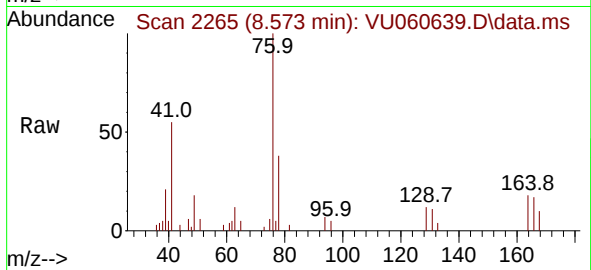




#53
1,3-Dichloropropane
Concen: 0.789 ug/l
RT: 8.573 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU060639.D
Acq: 06 Sep 2024 12:17

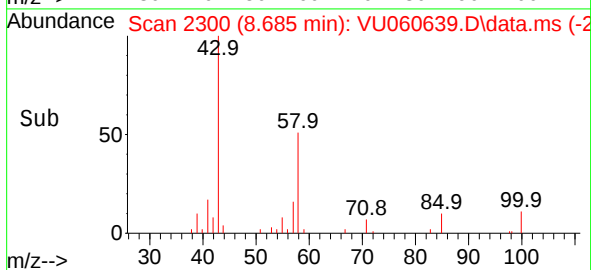
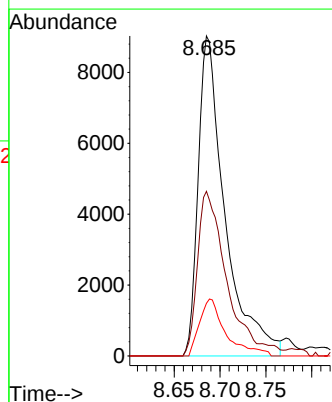
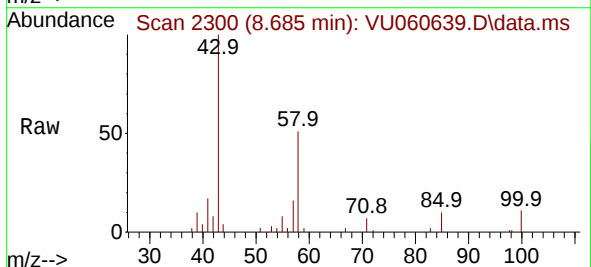
Instrument :
MSVOA_U
ClientSampleId :

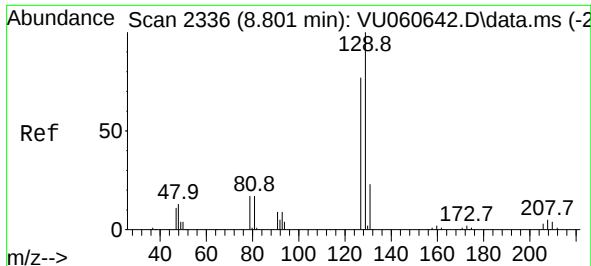
Tgt Ion: 76 Resp: 11422
Ion Ratio Lower Upper
76 100
78 34.0 26.3 39.5



#54
2-Hexanone
Concen: 3.864 ug/l
RT: 8.685 min Scan# 2300
Delta R.T. 0.006 min
Lab File: VU060639.D
Acq: 06 Sep 2024 12:17

Tgt Ion: 43 Resp: 18323
Ion Ratio Lower Upper
43 100
58 56.4 39.5 79.5
57 17.4 0.5 40.5





#55

Dibromochloromethane

Concen: 0.828 ug/l

RT: 8.804 min Scan# 2337

Delta R.T. 0.003 min

Lab File: VU060639.D

Acq: 06 Sep 2024 12:17

Instrument :

MSVOA_U

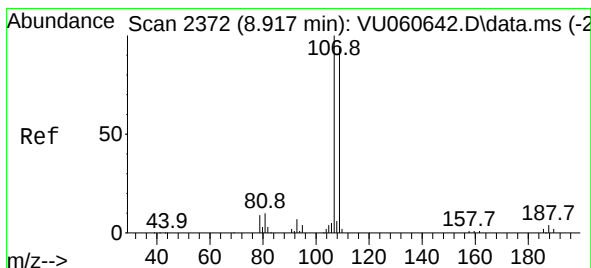
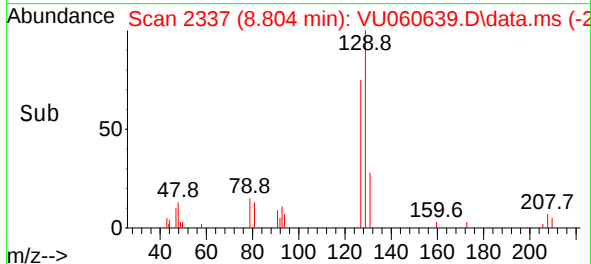
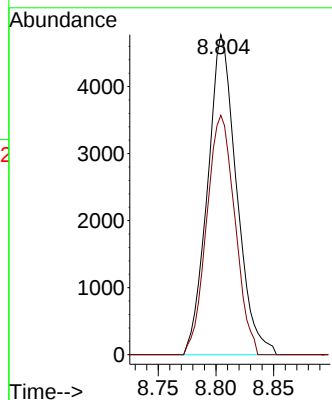
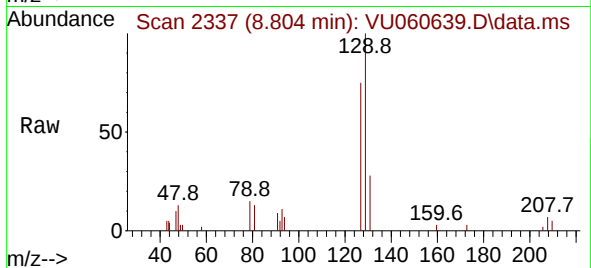
ClientSampleId :

Tgt Ion:129 Resp: 8321

Ion Ratio Lower Upper

129 100

127 73.1 60.6 91.0



#56

1,2-Dibromoethane

Concen: 0.786 ug/l

RT: 8.920 min Scan# 2373

Delta R.T. 0.003 min

Lab File: VU060639.D

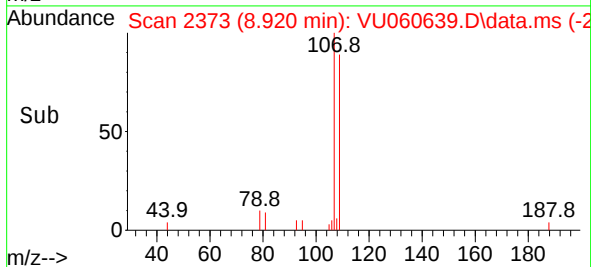
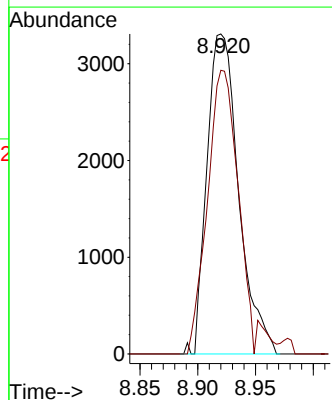
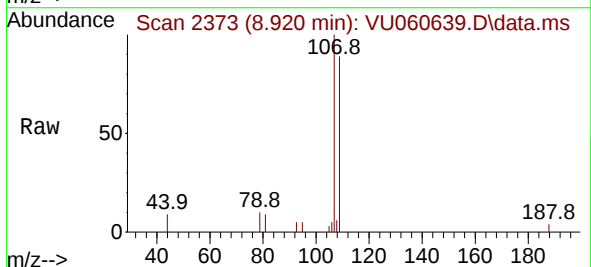
Acq: 06 Sep 2024 12:17

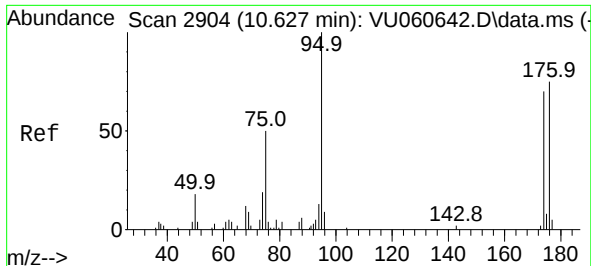
Tgt Ion:107 Resp: 6332

Ion Ratio Lower Upper

107 100

109 84.7 0.0 190.6





#57

4-Bromofluorobenzene

Concen: 0.986 ug/l

RT: 10.627 min Scan# 2904

Delta R.T. -0.000 min

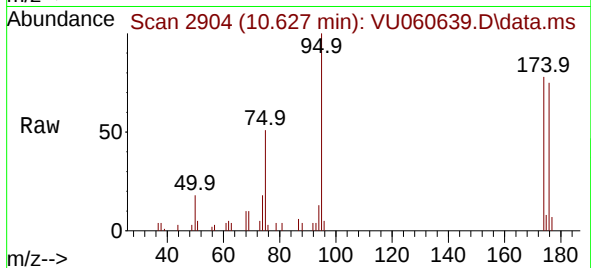
Lab File: VU060639.D

Acq: 06 Sep 2024 12:17

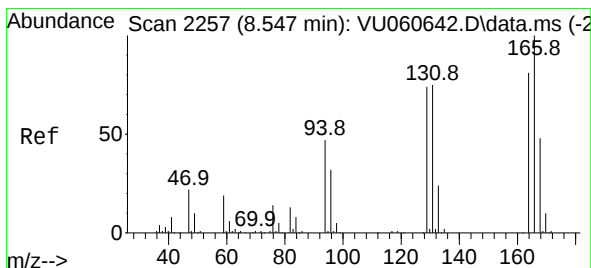
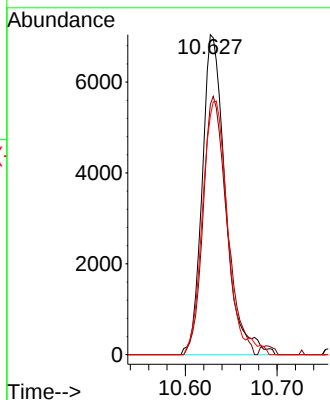
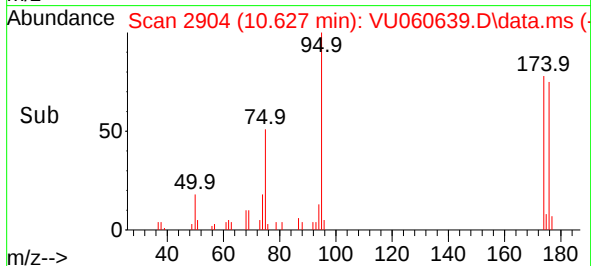
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	95	Resp:	12402
Ion Ratio	Lower	Upper	
95	100		
174	82.5	63.2	94.8
176	85.4	62.8	94.2



#58

Tetrachloroethene

Concen: 0.904 ug/l

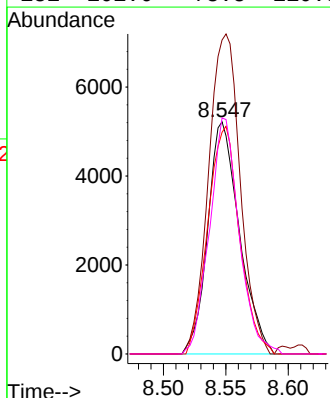
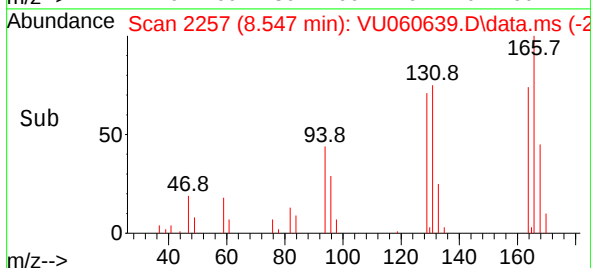
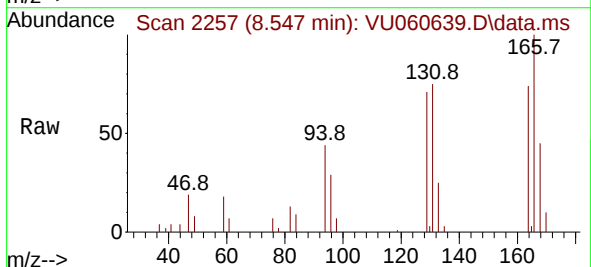
RT: 8.547 min Scan# 2257

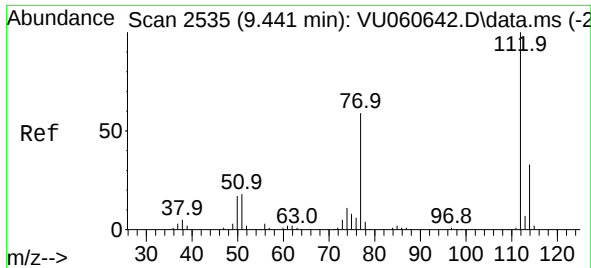
Delta R.T. -0.000 min

Lab File: VU060639.D

Acq: 06 Sep 2024 12:17

Tgt Ion:	164	Resp:	9234
Ion Ratio	Lower	Upper	
164	100		
166	135.2	98.5	147.7
129	95.4	73.0	109.6
131	101.6	73.8	110.8





#59

Chlorobenzene

Concen: 0.825 ug/l

RT: 9.444 min Scan# 2535

Delta R.T. 0.003 min

Lab File: VU060639.D

Acq: 06 Sep 2024 12:17

Instrument :

MSVOA_U

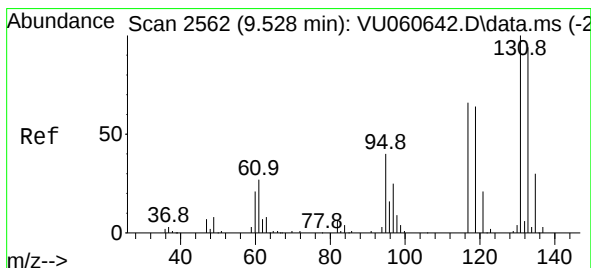
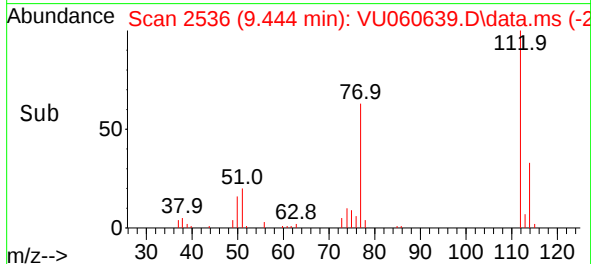
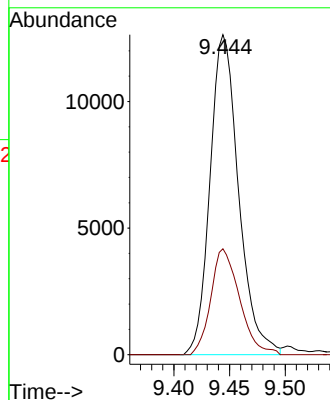
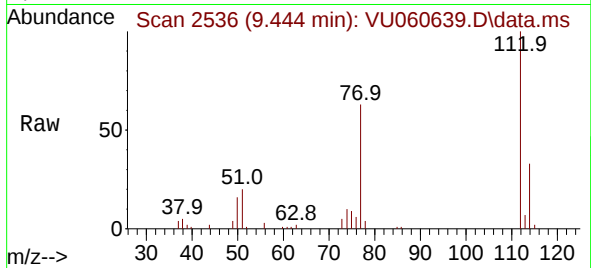
ClientSampleId :

Tgt Ion:112 Resp: 22601

Ion Ratio Lower Upper

112 100

114 33.1 26.2 39.2



#60

1,1,1,2-Tetrachloroethane

Concen: 0.786 ug/l

RT: 9.528 min Scan# 2562

Delta R.T. -0.000 min

Lab File: VU060639.D

Acq: 06 Sep 2024 12:17

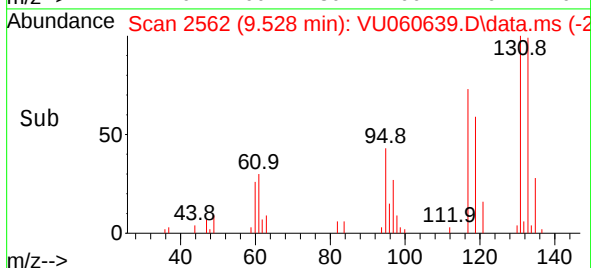
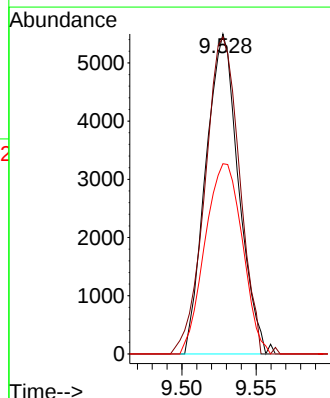
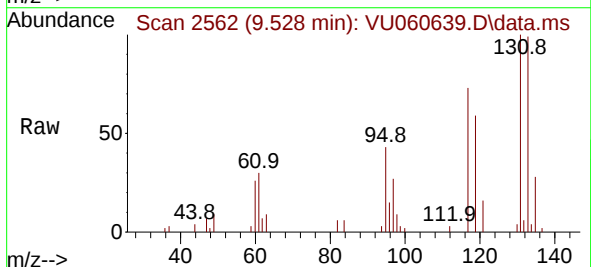
Tgt Ion:131 Resp: 8443

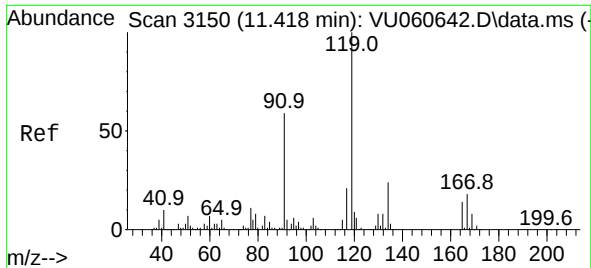
Ion Ratio Lower Upper

131 100

133 103.8 76.7 115.1

119 67.8 52.6 79.0

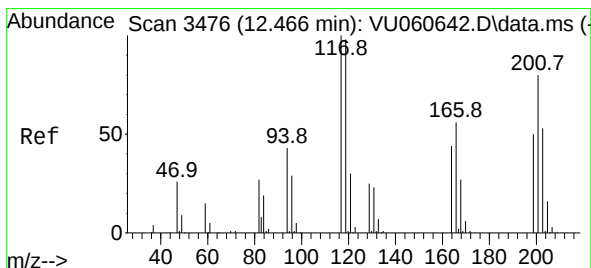
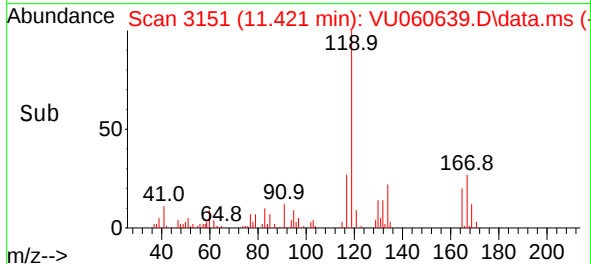
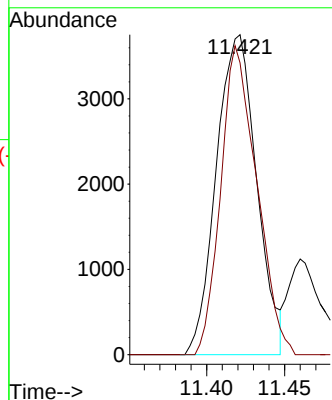
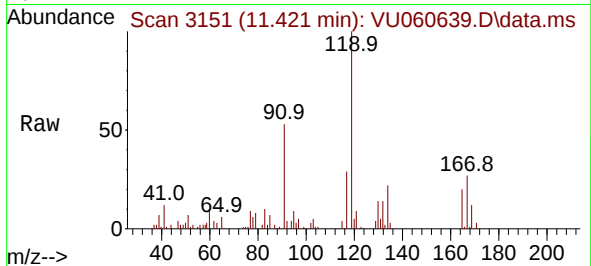




#61
 Pentachloroethane
 Concen: 0.750 ug/l
 RT: 11.421 min Scan# 3151
 Delta R.T. 0.003 min
 Lab File: VU060639.D
 Acq: 06 Sep 2024 12:17

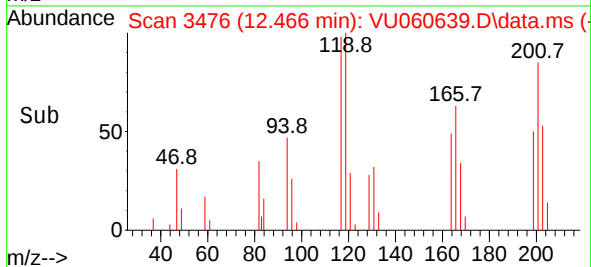
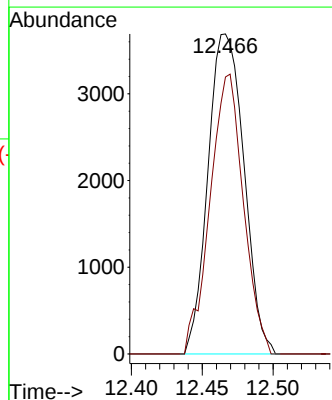
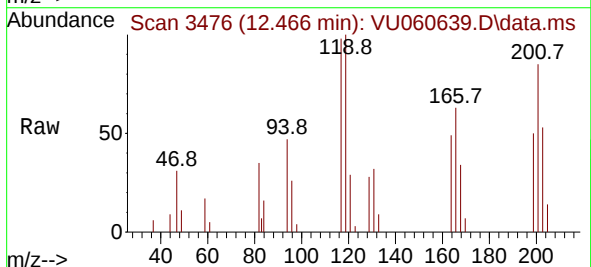
Instrument :
 MSVOA_U
 ClientSampleId :

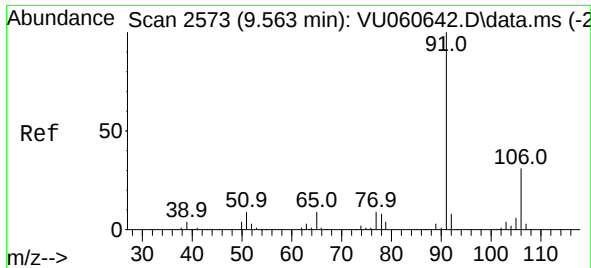
Tgt Ion:117 Resp: 6752
 Ion Ratio Lower Upper
 117 100
 167 86.0 65.3 97.9



#62
 Hexachloroethane
 Concen: 0.743 ug/l
 RT: 12.466 min Scan# 3476
 Delta R.T. -0.000 min
 Lab File: VU060639.D
 Acq: 06 Sep 2024 12:17

Tgt Ion:117 Resp: 6527
 Ion Ratio Lower Upper
 117 100
 201 80.9 65.0 97.6





#63

Ethyl Benzene

Concen: 0.775 ug/l

RT: 9.566 min Scan# 2574

Delta R.T. 0.003 min

Lab File: VU060639.D

Acq: 06 Sep 2024 12:17

Instrument :

MSVOA_U

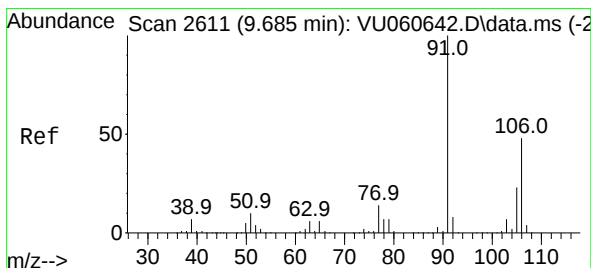
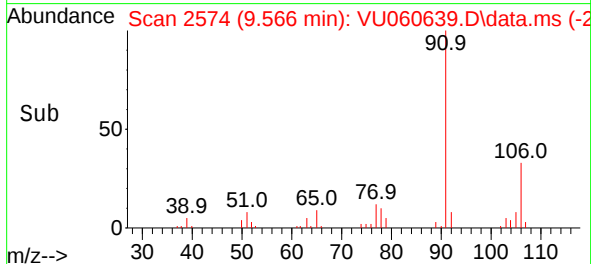
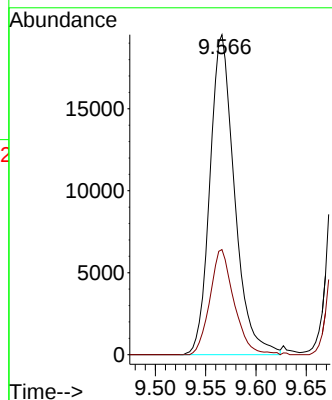
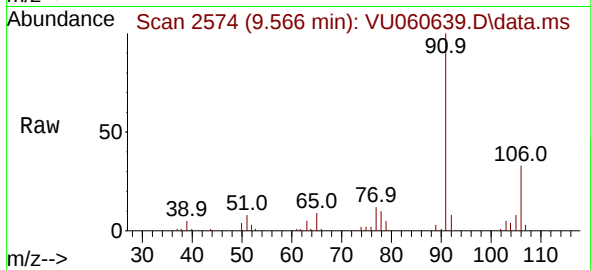
ClientSampleId :

Tgt Ion: 91 Resp: 33247

Ion Ratio Lower Upper

91 100

106 32.9 24.9 37.3



#64

m/p-Xylenes

Concen: 1.526 ug/l

RT: 9.688 min Scan# 2612

Delta R.T. 0.003 min

Lab File: VU060639.D

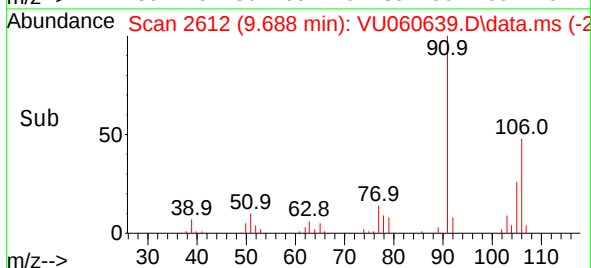
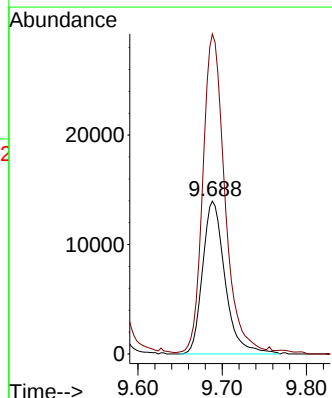
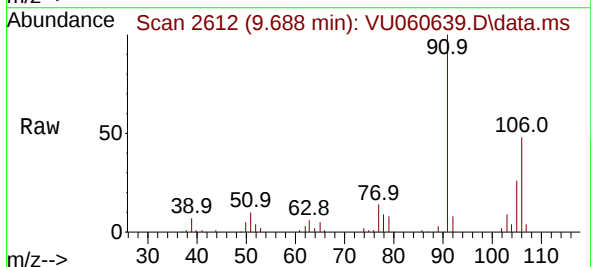
Acq: 06 Sep 2024 12:17

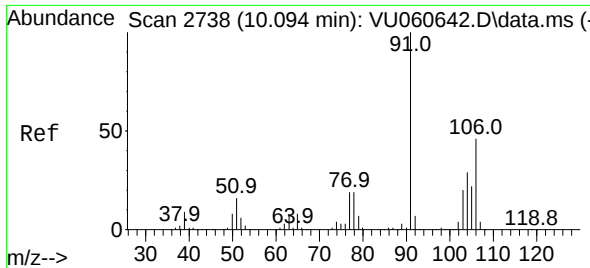
Tgt Ion:106 Resp: 25939

Ion Ratio Lower Upper

106 100

91 203.3 165.2 247.8

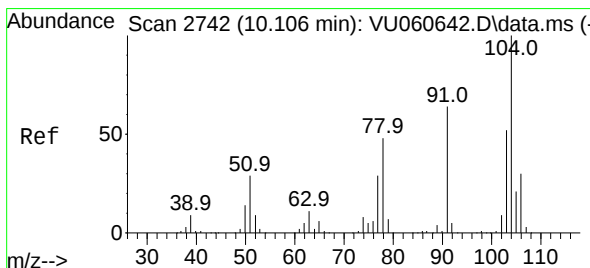
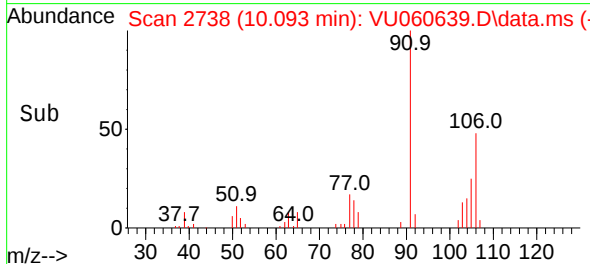
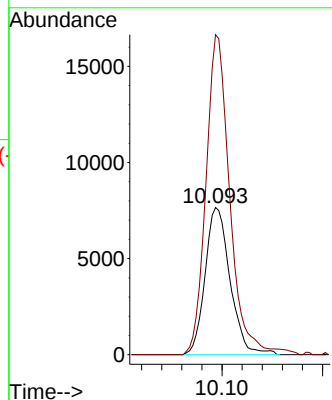
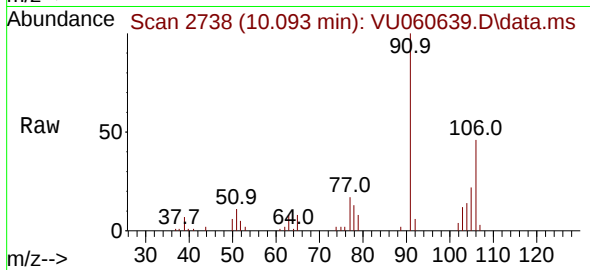




#65
o-Xylene
Concen: 0.807 ug/l
RT: 10.093 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU060639.D
Acq: 06 Sep 2024 12:17

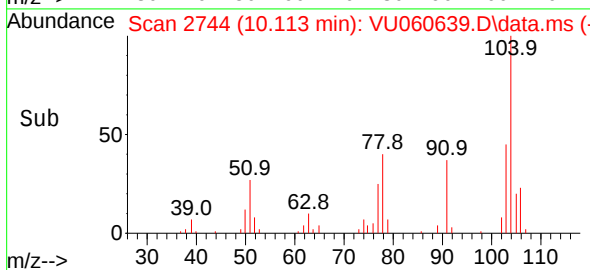
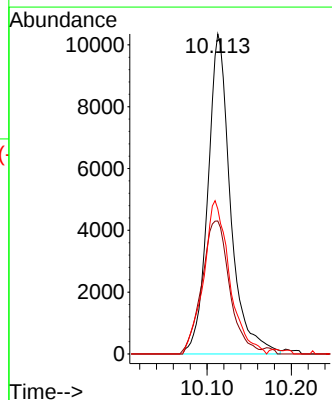
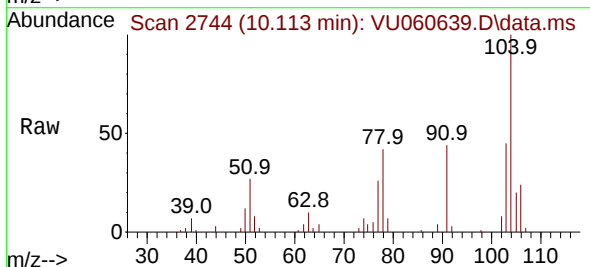
Instrument :
MSVOA_U
ClientSampleId :

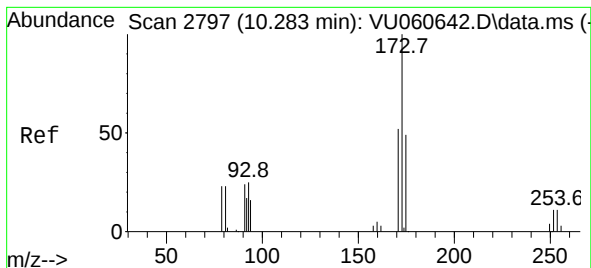
Tgt Ion:106 Resp: 13215
Ion Ratio Lower Upper
106 100
91 208.0 107.9 323.8



#66
Styrene
Concen: 0.716 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. 0.006 min
Lab File: VU060639.D
Acq: 06 Sep 2024 12:17

Tgt Ion:104 Resp: 19342
Ion Ratio Lower Upper
104 100
78 51.2 41.5 62.3
103 55.3 45.3 67.9





#67

Bromoform

Concen: 0.779 ug/l

RT: 10.283 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU060639.D

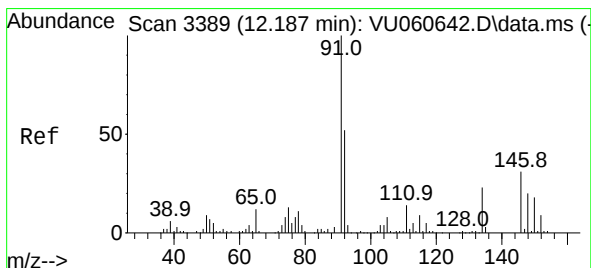
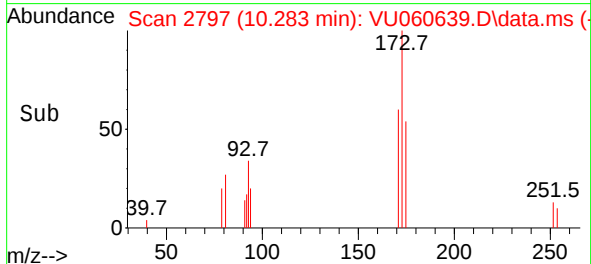
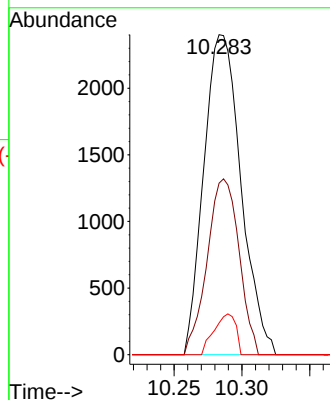
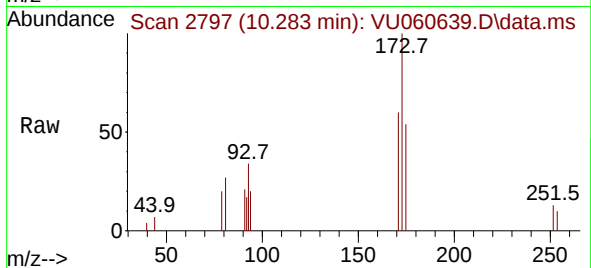
Acq: 06 Sep 2024 12:17

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:173	Resp:	4581
Ion Ratio	Lower	Upper
173	100	
175	47.1	38.8 58.2
254	7.4	8.6 12.8#



#68

1,2-Dichlorobenzene-d4

Concen: 0.927 ug/l

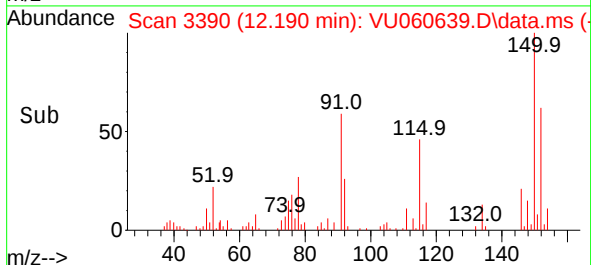
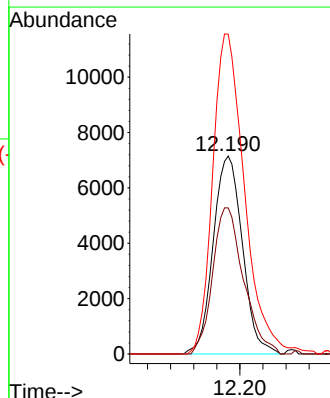
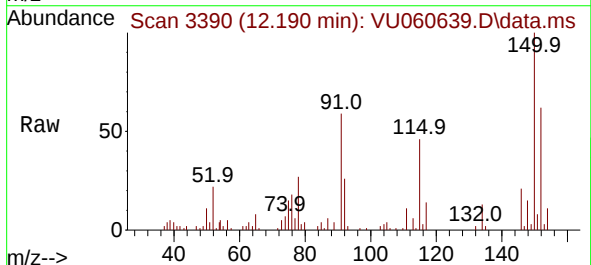
RT: 12.190 min Scan# 3390

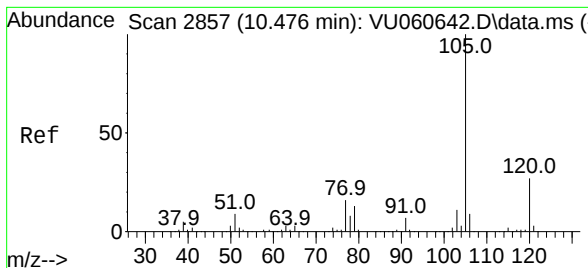
Delta R.T. 0.003 min

Lab File: VU060639.D

Acq: 06 Sep 2024 12:17

Tgt Ion:152	Resp:	12562
Ion Ratio	Lower	Upper
152	100	
115	78.2	0.0 300.4
150	176.7	0.0 669.4





#69

Isopropylbenzene

Concen: 0.771 ug/l

RT: 10.479 min Scan# 2857

Delta R.T. 0.003 min

Lab File: VU060639.D

Acq: 06 Sep 2024 12:17

Instrument :

MSVOA_U

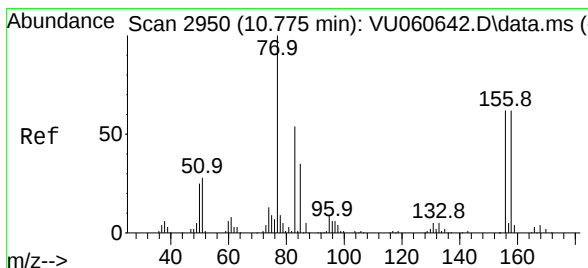
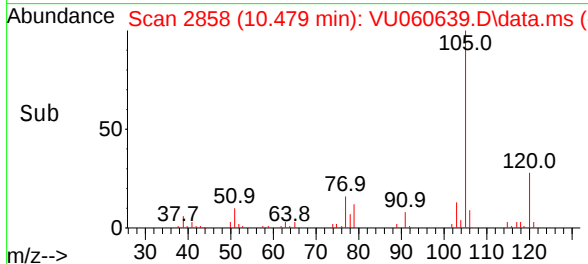
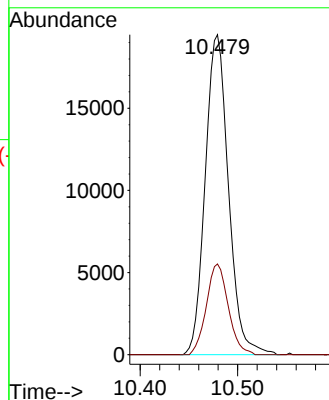
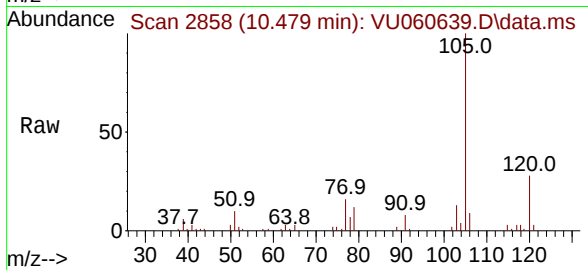
ClientSampleId :

Tgt Ion:105 Resp: 32305

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.8



#70

1,1,2,2-Tetrachloroethane

Concen: 0.697 ug/l

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU060639.D

Acq: 06 Sep 2024 12:17

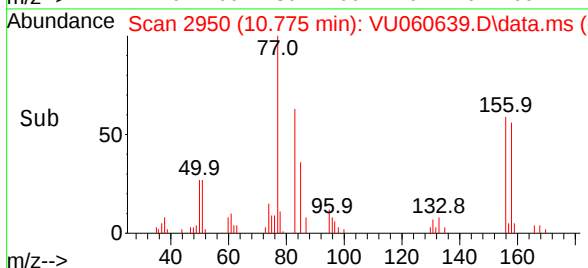
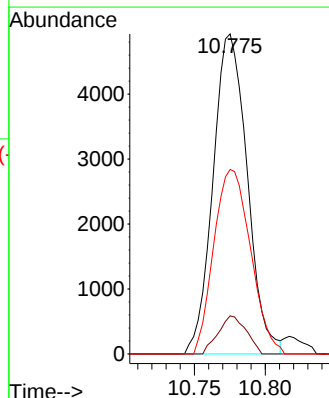
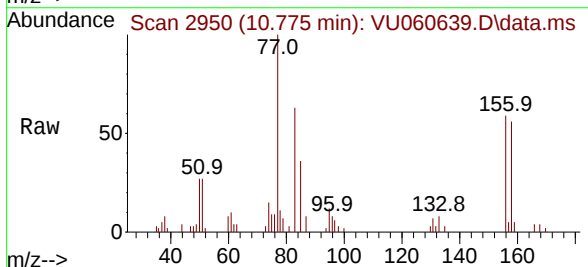
Tgt Ion: 83 Resp: 8267

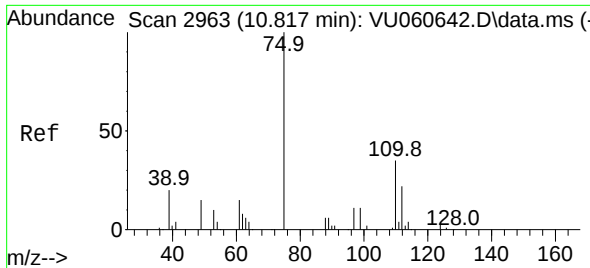
Ion Ratio Lower Upper

83 100

131 9.7 8.2 12.2

85 61.9 52.1 78.1

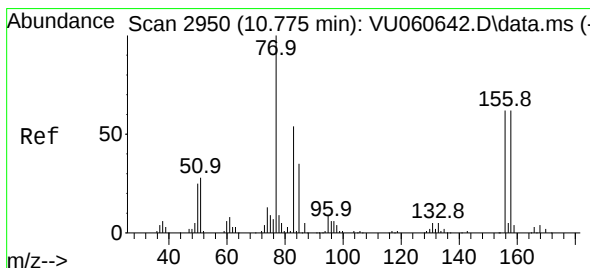
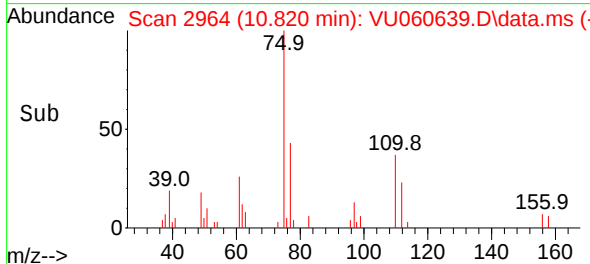
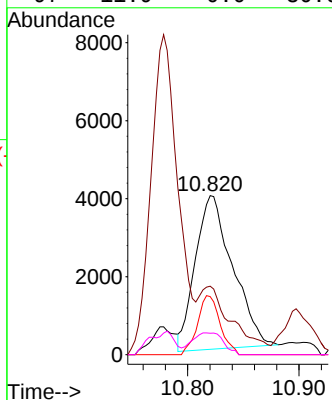
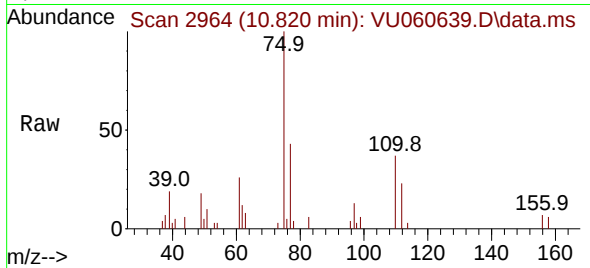




#71
1,2,3-Trichloropropane
Concen: 1.057 ug/l
RT: 10.820 min Scan# 2964
Delta R.T. 0.003 min
Lab File: VU060639.D
Acq: 06 Sep 2024 12:17

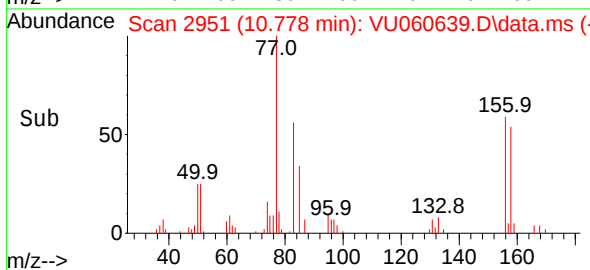
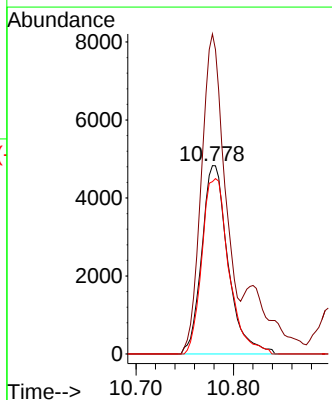
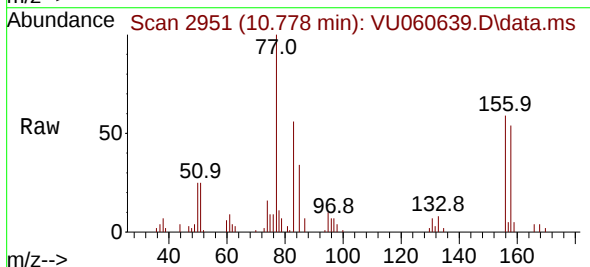
Instrument :
MSVOA_U
ClientSampleId :

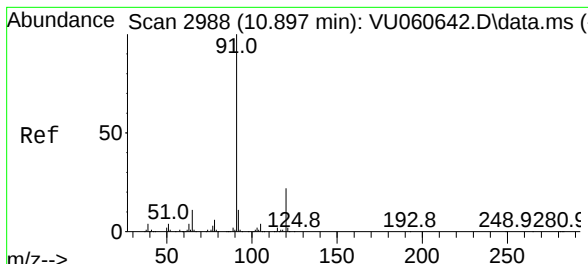
Tgt Ion: 75	Resp:	9198
Ion Ratio	Lower	Upper
75	100	
77	0.0	0.0
110	23.1	68.8
97	11.9	36.0



#72
Bromobenzene
Concen: 0.811 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU060639.D
Acq: 06 Sep 2024 12:17

Tgt Ion: 156	Resp:	9066
Ion Ratio	Lower	Upper
156	100	
77	153.6	320.2
158	95.3	196.0

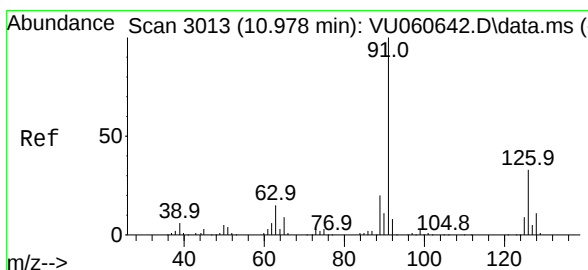
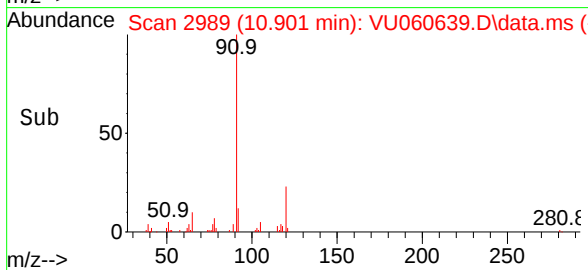
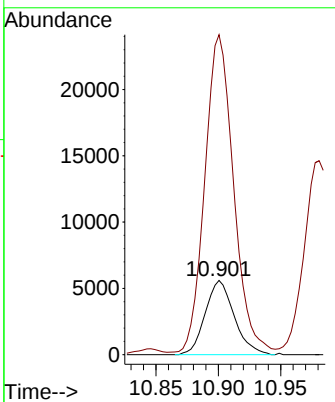
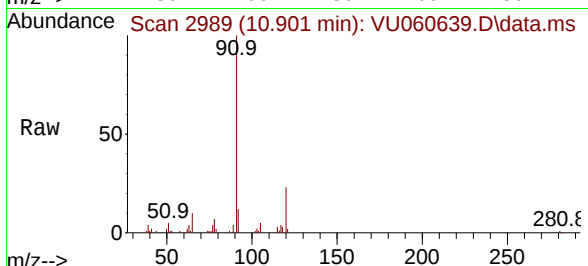




#73
 n-propylbenzene
 Concen: 0.776 ug/l
 RT: 10.901 min Scan# 2989
 Delta R.T. 0.003 min
 Lab File: VU060639.D
 Acq: 06 Sep 2024 12:17

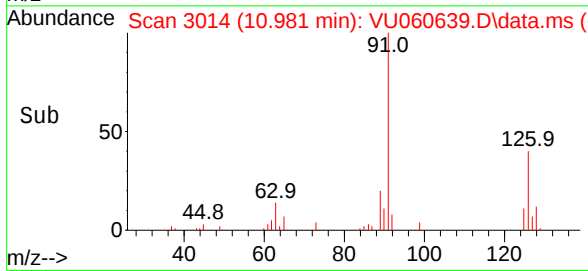
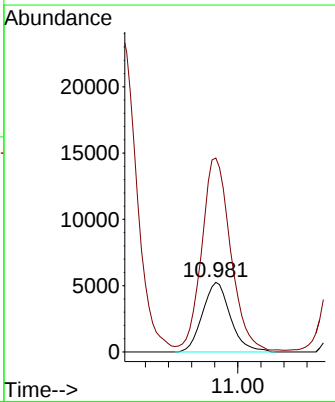
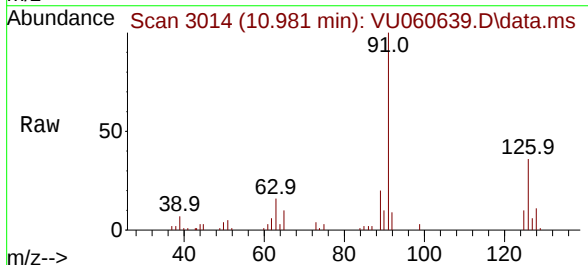
Instrument :
 MSVOA_U
 ClientSampleId :

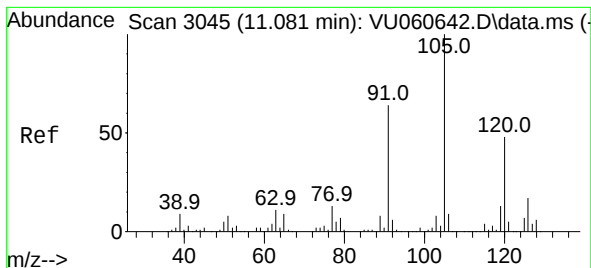
Tgt Ion:120 Resp: 9037
 Ion Ratio Lower Upper
 120 100
 91 424.2 358.4 537.6



#74
 2-Chlorotoluene
 Concen: 0.807 ug/l
 RT: 10.981 min Scan# 3014
 Delta R.T. 0.003 min
 Lab File: VU060639.D
 Acq: 06 Sep 2024 12:17

Tgt Ion:126 Resp: 8772
 Ion Ratio Lower Upper
 126 100
 91 287.2 0.0 599.6





#75

1,3,5-Trimethylbenzene

Concen: 0.731 ug/l

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU060639.D

Acq: 06 Sep 2024 12:17

Instrument :

MSVOA_U

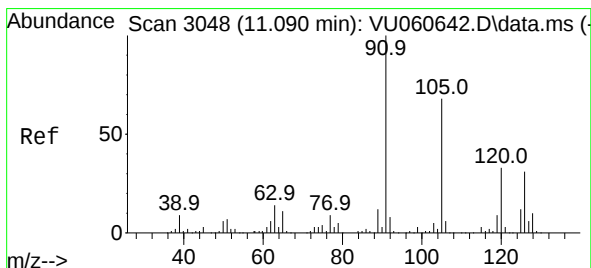
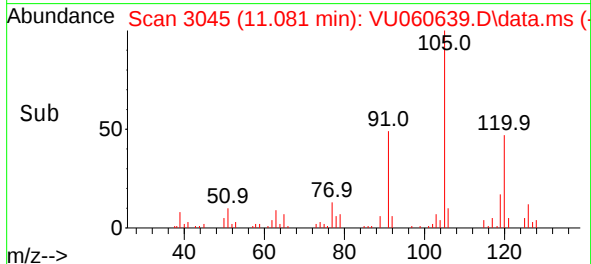
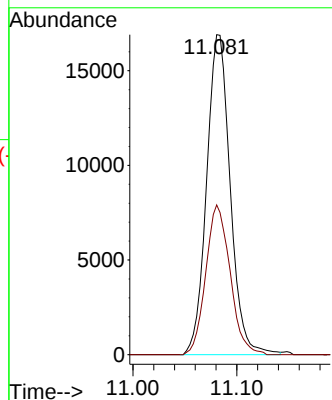
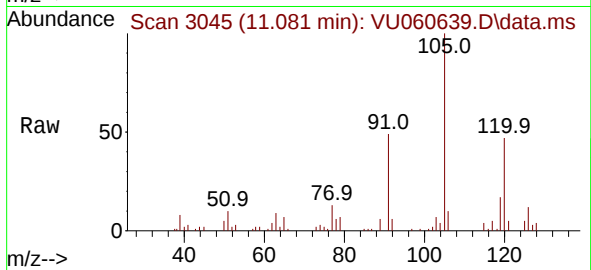
ClientSampleId :

Tgt Ion:105 Resp: 26720

Ion Ratio Lower Upper

105 100

120 48.2 38.3 57.5



#76

4-Chlorotoluene

Concen: 0.719 ug/l

RT: 11.093 min Scan# 3049

Delta R.T. 0.003 min

Lab File: VU060639.D

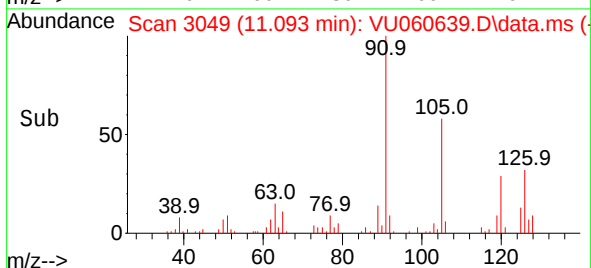
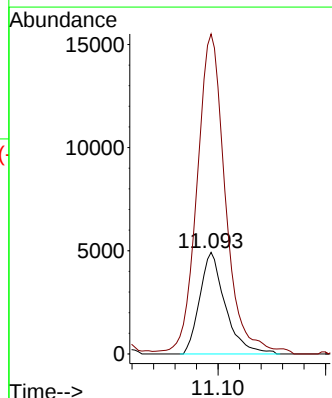
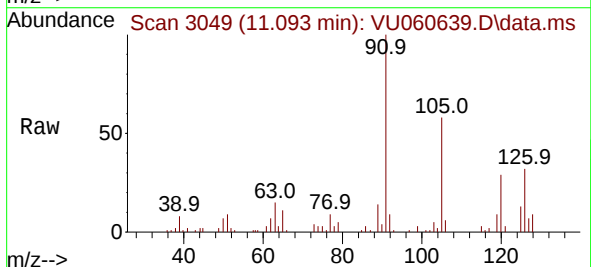
Acq: 06 Sep 2024 12:17

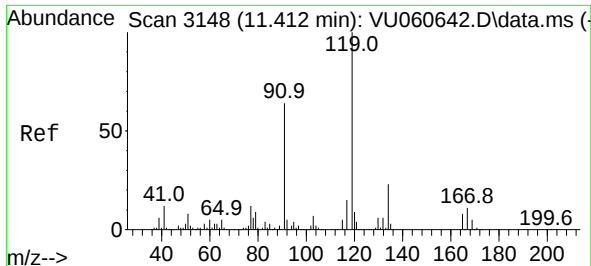
Tgt Ion:126 Resp: 8125

Ion Ratio Lower Upper

126 100

91 350.6 0.0 676.6





#77

tert-Butylbenzene

Concen: 0.800 ug/l

RT: 11.415 min Scan# 3149

Delta R.T. 0.003 min

Lab File: VU060639.D

Acq: 06 Sep 2024 12:17

Instrument :

MSVOA_U

ClientSampleId :

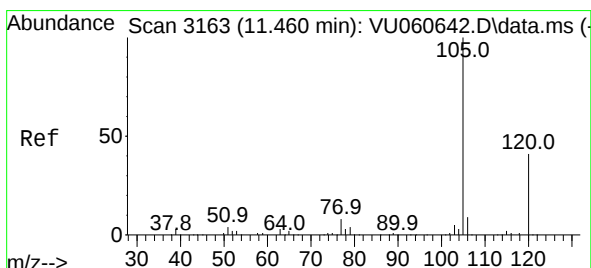
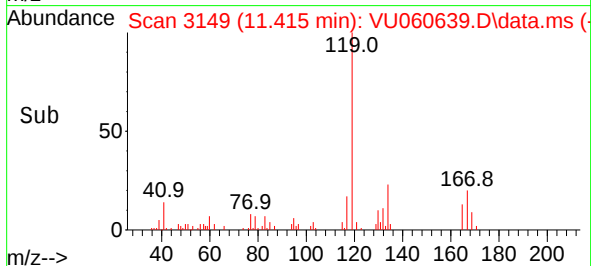
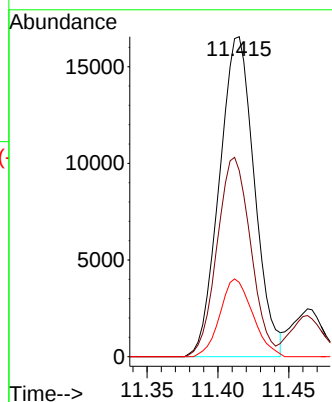
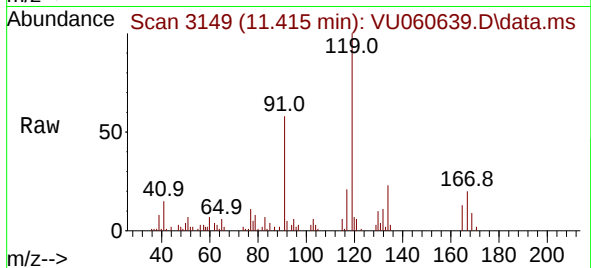
Tgt Ion:119 Resp: 28518

Ion Ratio Lower Upper

119 100

91 59.6 30.3 90.8

134 22.6 18.3 27.5



#78

1,2,4-Trimethylbenzene

Concen: 0.717 ug/l

RT: 11.463 min Scan# 3164

Delta R.T. 0.003 min

Lab File: VU060639.D

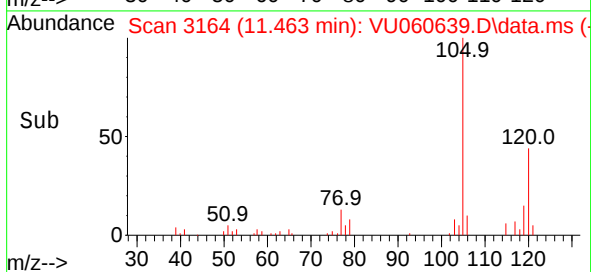
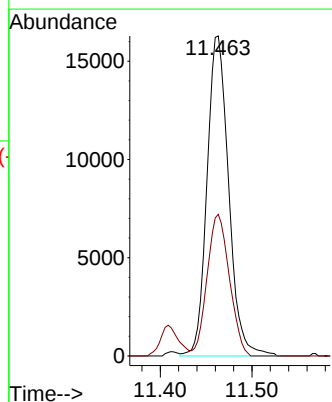
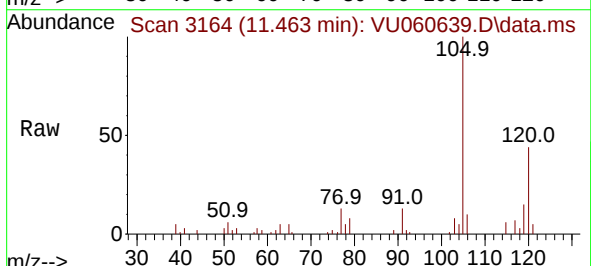
Acq: 06 Sep 2024 12:17

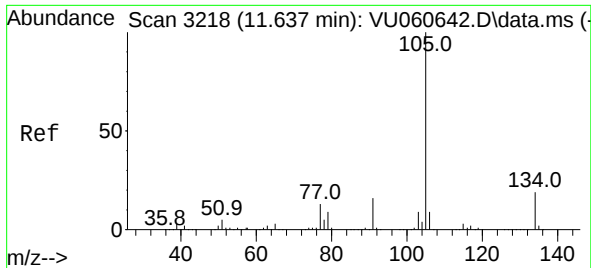
Tgt Ion:105 Resp: 26755

Ion Ratio Lower Upper

105 100

120 45.4 22.6 67.7





#79

sec-Butylbenzene

Concen: 0.746 ug/l

RT: 11.637 min Scan# 3218

Delta R.T. -0.000 min

Lab File: VU060639.D

Acq: 06 Sep 2024 12:17

Instrument :

MSVOA_U

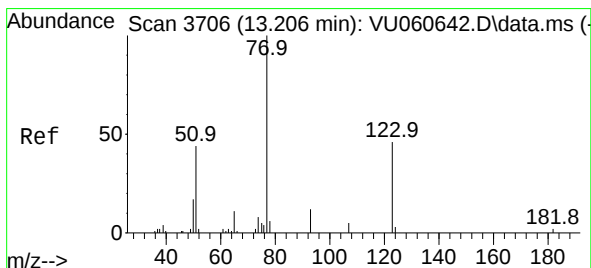
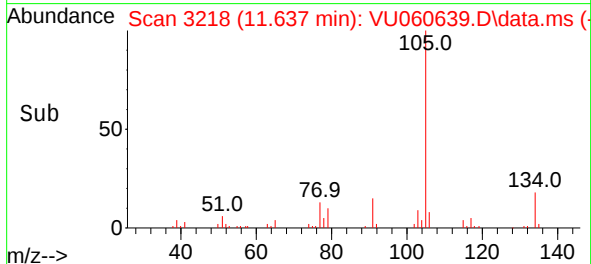
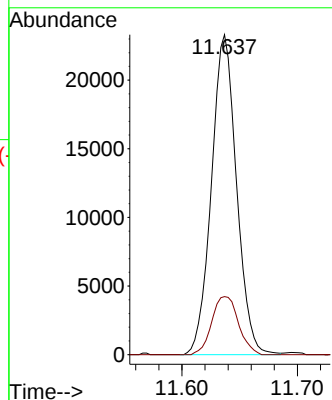
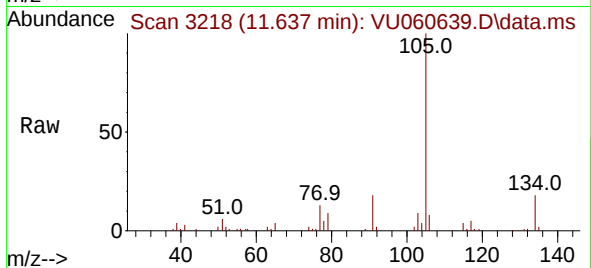
ClientSampleId :

Tgt Ion:105 Resp: 35252

Ion Ratio Lower Upper

105 100

134 19.3 15.8 23.6



#80

Nitrobenzene

Concen: 0.923 ug/l

RT: 13.238 min Scan# 3716

Delta R.T. 0.032 min

Lab File: VU060639.D

Acq: 06 Sep 2024 12:17

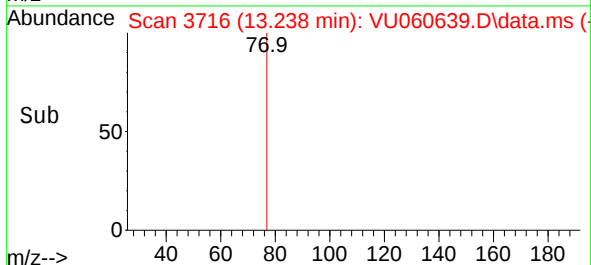
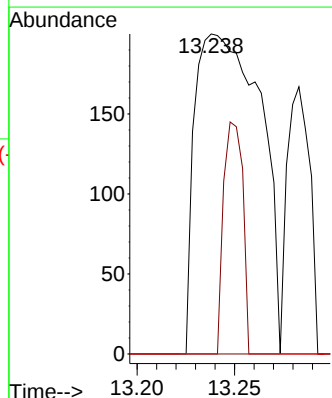
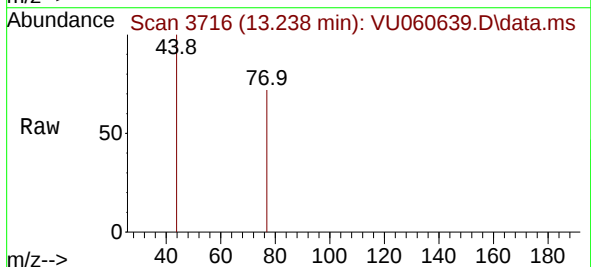
Tgt Ion: 77 Resp: 464

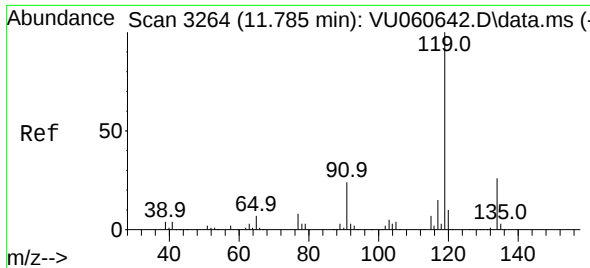
Ion Ratio Lower Upper

77 100

123 21.3 19.9 70.5

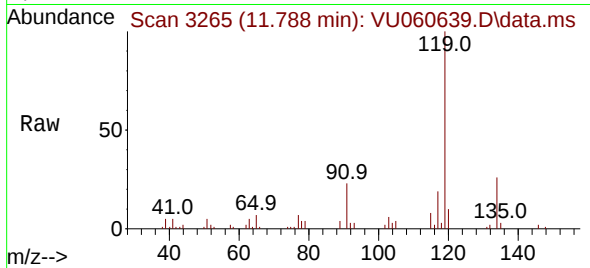
65 0.0 9.9 12.5#



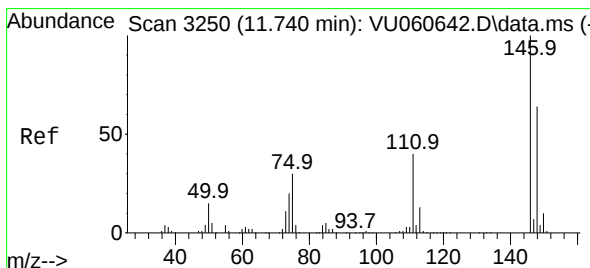
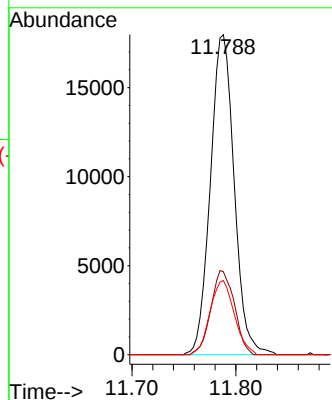
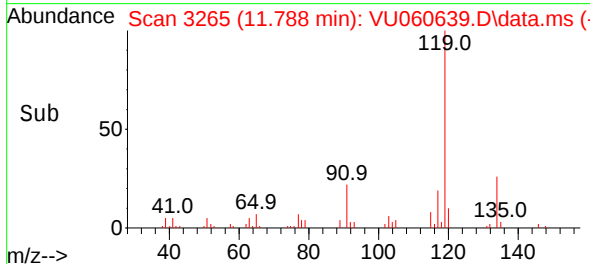


#81
 p-Isopropyltoluene
 Concen: 0.745 ug/l
 RT: 11.788 min Scan# 3265
 Delta R.T. 0.003 min
 Lab File: VU060639.D
 Acq: 06 Sep 2024 12:17

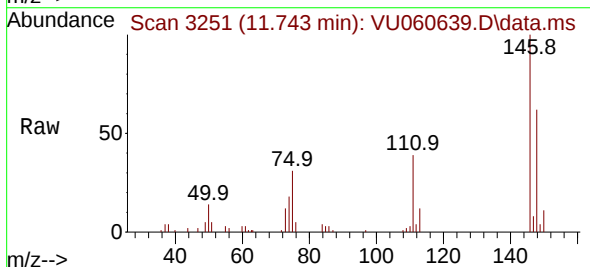
Instrument :
 MSVOA_U
 ClientSampleId :



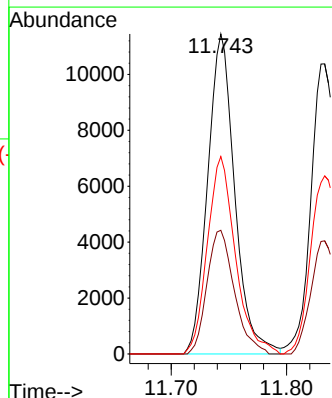
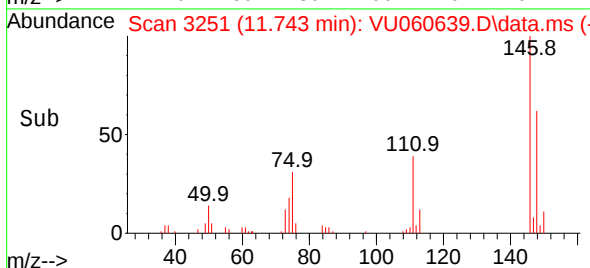
Tgt Ion:119 Resp: 28602
 Ion Ratio Lower Upper
 119 100
 134 25.9 20.9 31.3
 91 23.7 19.5 29.3

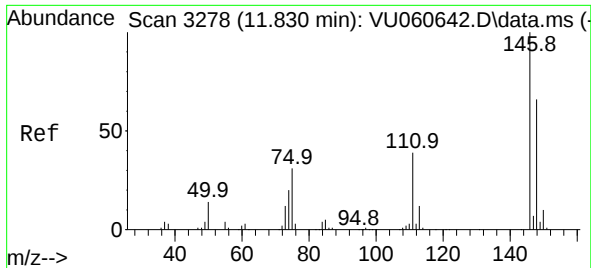


#82
 1,3-Dichlorobenzene
 Concen: 0.804 ug/l
 RT: 11.743 min Scan# 3251
 Delta R.T. 0.003 min
 Lab File: VU060639.D
 Acq: 06 Sep 2024 12:17



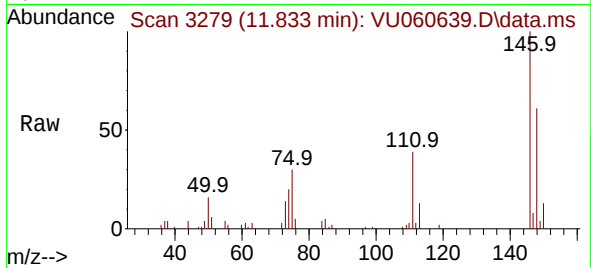
Tgt Ion:146 Resp: 18651
 Ion Ratio Lower Upper
 146 100
 111 39.0 33.0 49.4
 148 64.0 51.8 77.6



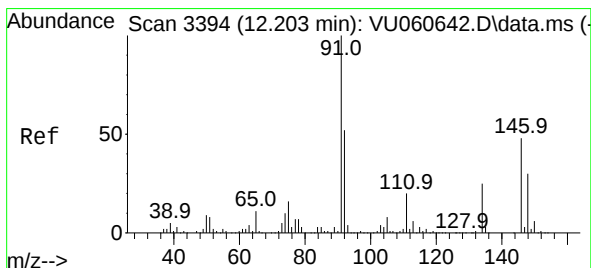
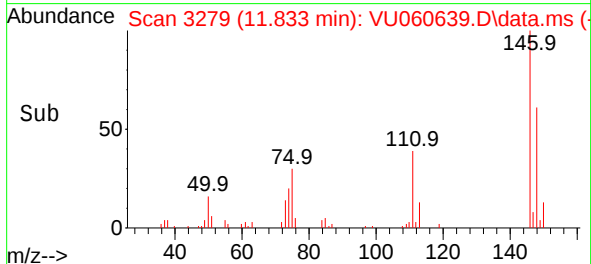
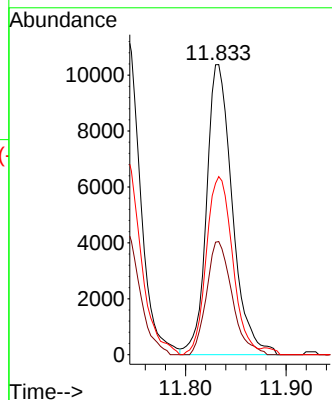


#83
1,4-Dichlorobenzene
Concen: 0.805 ug/l
RT: 11.833 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU060639.D
Acq: 06 Sep 2024 12:17

Instrument :
MSVOA_U
ClientSampleId :

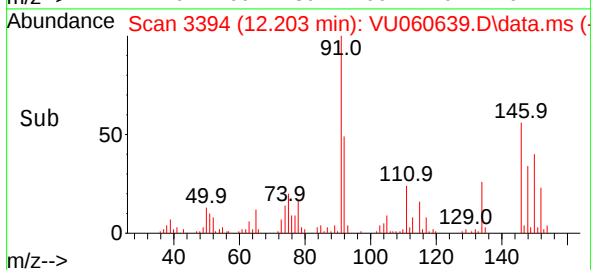
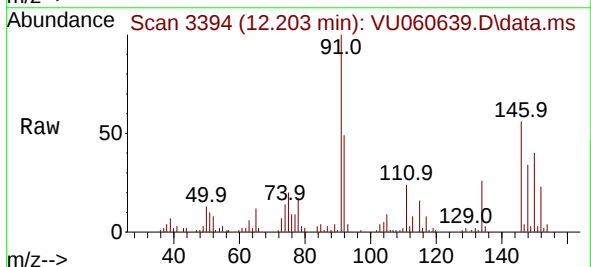
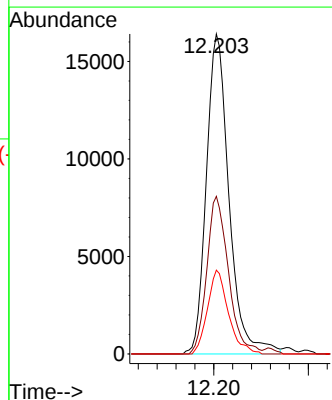


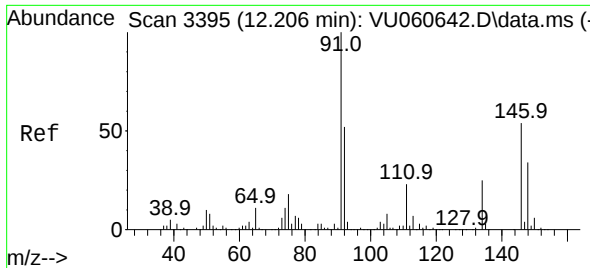
Tgt Ion:146 Resp: 18502
Ion Ratio Lower Upper
146 100
111 38.5 31.8 47.6
148 62.7 52.1 78.1



#84
n-Butylbenzene
Concen: 0.735 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. -0.000 min
Lab File: VU060639.D
Acq: 06 Sep 2024 12:17

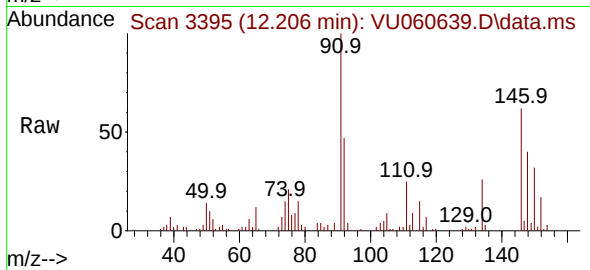
Tgt Ion: 91 Resp: 27276
Ion Ratio Lower Upper
91 100
92 47.2 41.3 61.9
134 24.2 19.8 29.8



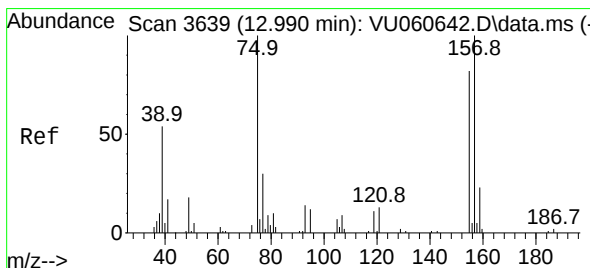
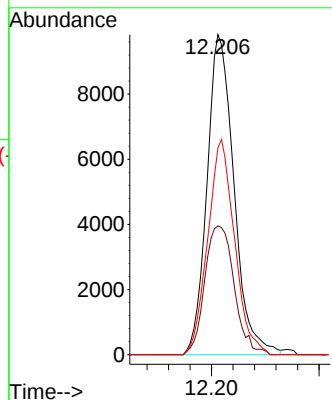
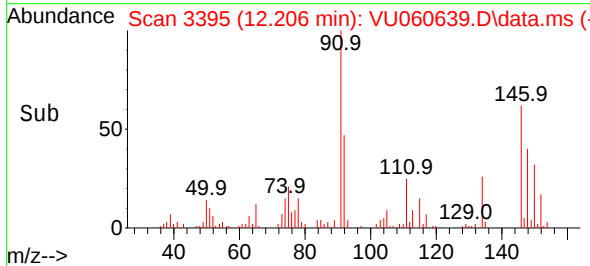


#85
1,2-Dichlorobenzene
Concen: 0.764 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. -0.000 min
Lab File: VU060639.D
Acq: 06 Sep 2024 12:17

Instrument :
MSVOA_U
ClientSampleId :

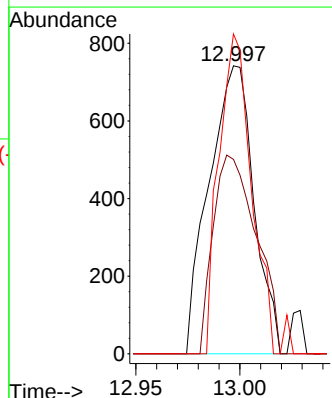
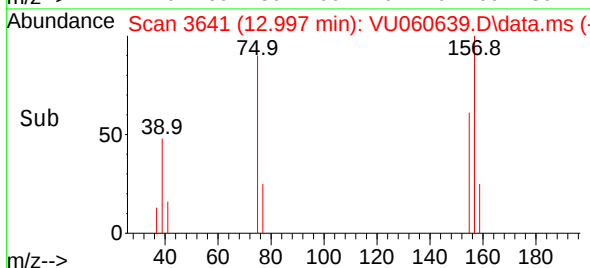
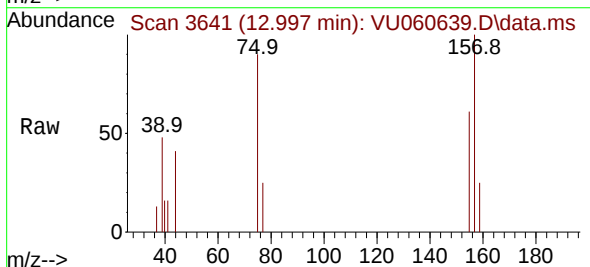


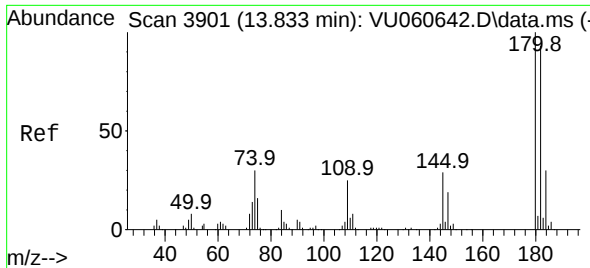
Tgt Ion:146 Resp: 17109
Ion Ratio Lower Upper
146 100
111 43.8 21.1 63.1
148 66.8 31.6 94.8



#86
1,2-Dibromo-3-Chloropropane
Concen: 0.643 ug/l
RT: 12.997 min Scan# 3641
Delta R.T. 0.006 min
Lab File: VU060639.D
Acq: 06 Sep 2024 12:17

Tgt Ion: 75 Resp: 1116
Ion Ratio Lower Upper
75 100
155 66.5 67.6 101.4#
157 80.2 81.0 121.6#

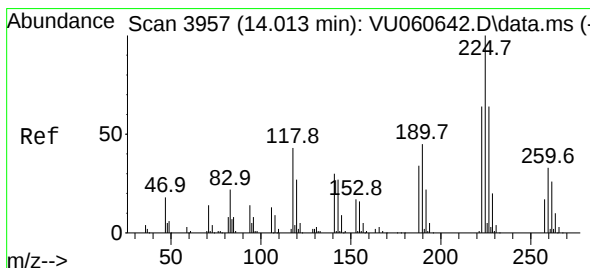
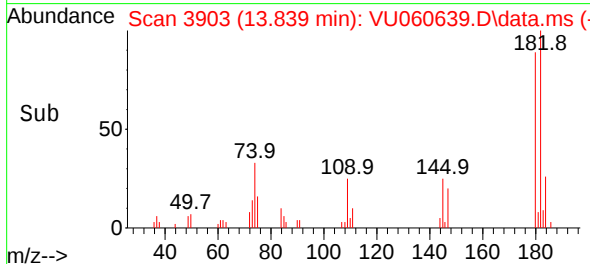
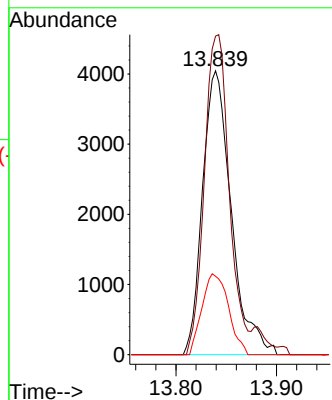
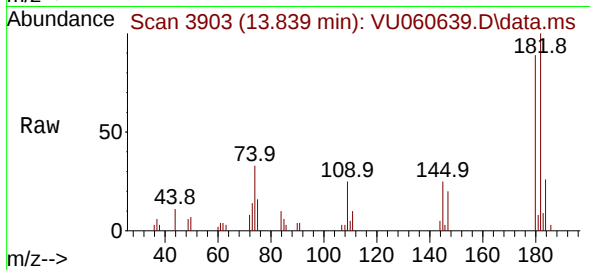




#87
 1,2,4-Trichlorobenzene
 Concen: 0.624 ug/l
 RT: 13.839 min Scan# 3901
 Delta R.T. 0.006 min
 Lab File: VU060639.D
 Acq: 06 Sep 2024 12:17

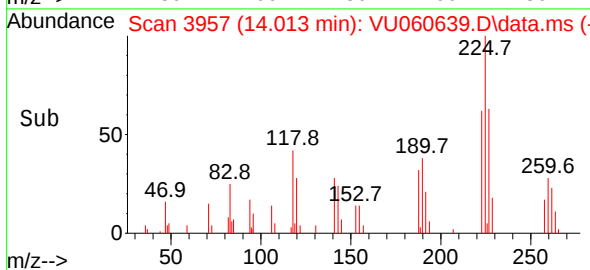
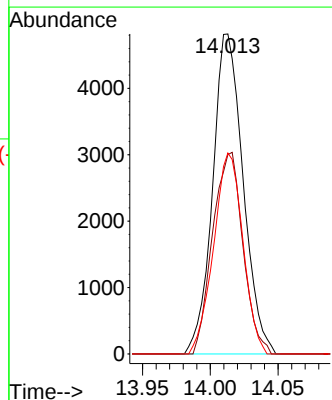
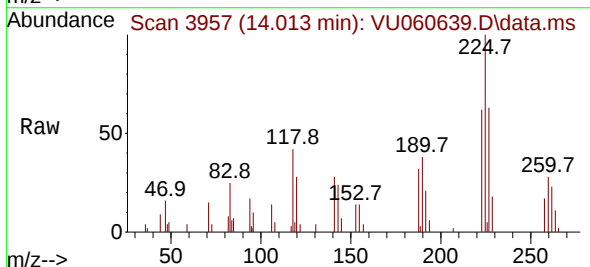
Instrument :
 MSVOA_U
 ClientSampleId :

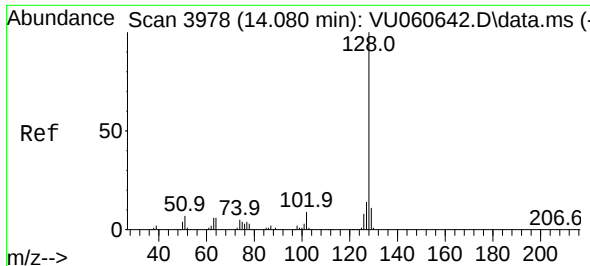
Tgt Ion:180 Resp: 8015
 Ion Ratio Lower Upper
 180 100
 182 98.0 75.0 112.4
 145 26.3 23.8 35.6



#88
 Hexachlorobutadiene
 Concen: 0.898 ug/l
 RT: 14.013 min Scan# 3957
 Delta R.T. -0.000 min
 Lab File: VU060639.D
 Acq: 06 Sep 2024 12:17

Tgt Ion:225 Resp: 7525
 Ion Ratio Lower Upper
 225 100
 223 62.6 50.3 75.5
 227 60.2 50.6 76.0





#89

Naphthalene

Concen: 0.484 ug/l

RT: 14.090 min Scan# 3981

Delta R.T. 0.010 min

Lab File: VU060639.D

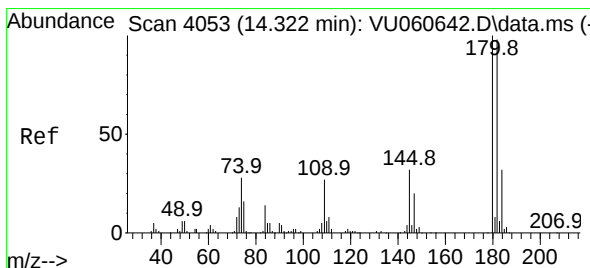
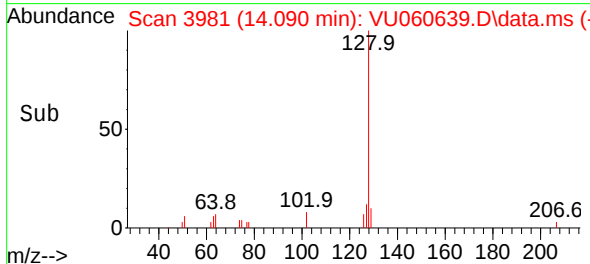
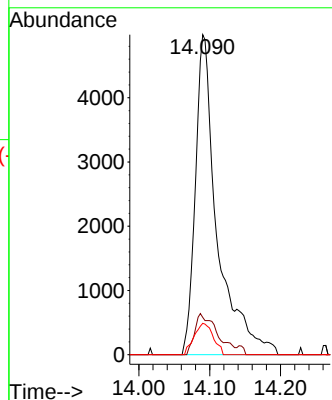
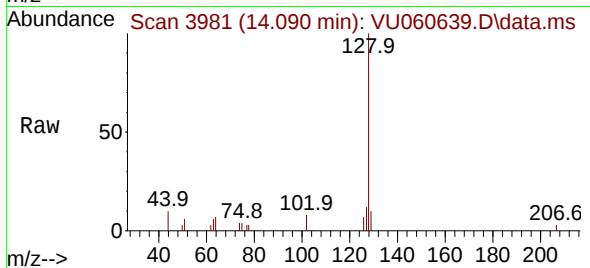
Acq: 06 Sep 2024 12:17

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:128	Resp:	10676
Ion Ratio	Lower	Upper
128	100	
127	13.1	11.0 16.4
129	8.6	8.6 13.0#



#90

1,2,3-Trichlorobenzene

Concen: 0.528 ug/l

RT: 14.328 min Scan# 4055

Delta R.T. 0.006 min

Lab File: VU060639.D

Acq: 06 Sep 2024 12:17

Tgt Ion:180	Resp:	6499
Ion Ratio	Lower	Upper
180	100	
182	102.8	77.1 115.7
145	32.2	25.4 38.0

