

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080624\
 Data File : VU060325.D
 Acq On : 06 Aug 2024 16:36
 Operator : MD/SY
 Sample : P3390-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 07 07:03:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U080524DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Aug 06 11:07:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.110	96	30472	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	8909	0.858	ug/l	0.00
Spiked Amount 1.000			Recovery	=	86.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	10369	0.919	ug/l	0.00
Spiked Amount 1.000			Recovery	=	92.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	2687	0.229	ug/l	89
3) Chloromethane	1.518	50	3285	0.245	ug/l	98
4) Vinyl Chloride	1.599	62	3456	0.258	ug/l	99
5) Bromomethane	1.853	94	2559	0.311	ug/l	90
6) Chloroethane	1.927	64	2656	0.328	ug/l	98
7) Trichlorofluoromethane	2.133	101	3901	0.241	ug/l	85
8) 1,1,2-Trichloro-1,2,2-...	2.573	101	2079	0.236	ug/l	87
9) 1,1-Dichloroethene	2.573	96	2228	0.245	ug/l	83
13) Acetone	2.653	43	1886	0.652	ug/l	90
14) Carbon Disulfide	2.785	76	7243	0.234	ug/l	96
15) Methylene Chloride	3.039	84	3475	0.305	ug/l	92
16) trans-1,2-Dichloroethene	3.348	96	2213	0.227	ug/l #	81
17) 1,1-Dichloroethane	3.866	63	3961	0.211	ug/l #	92
18) 2-Butanone	4.779	43	1267	0.379	ug/l	75
21) 2,2-Dichloropropane	4.657	77	3102	0.212	ug/l #	82
23) Diethyl Ether	2.374	59	1801	0.243	ug/l	92
24) tert-Butyl Alcohol	3.239	59	425	0.460	ug/l #	83
26) Bromochloromethane	4.975	128	1255	0.283	ug/l	78
27) Chloroform	5.084	83	7813	0.425	ug/l	94
28) 1,1,1-Trichloroethane	5.306	97	3549	0.233	ug/l	96
29) 1,1-Dichloropropene	5.528	75	2707	0.221	ug/l	92
30) Carbon Tetrachloride	5.515	117	2952	0.237	ug/l	94
34) Propionitrile	4.856	54	270	0.283	ug/l #	58
35) Benzene	5.775	78	8357	0.222	ug/l	95
36) 1,2-Dichloroethane	5.795	62	2307	0.220	ug/l #	81
37) Trichloroethene	6.541	130	2241	0.240	ug/l	100
38) 1,2-Dichloropropane	6.788	63	2114	0.207	ug/l #	85
43) Dibromomethane	6.917	93	1253	0.243	ug/l	92
44) Bromodichloromethane	7.103	83	3477	0.281	ug/l #	99
45) 4-Methyl-2-Pentanone	7.795	43	5134	1.061	ug/l #	81
46) t-1,4-Dichloro-2-butene	10.820	75	1353	0.499	ug/l #	69
47) Methyl methacrylate	6.972	69	1431	0.342	ug/l #	82
50) t-1,3-Dichloropropene	8.216	75	2385	0.233	ug/l	98
51) cis-1,3-Dichloropropene	7.611	75	2811	0.229	ug/l	100
52) 1,1,2-Trichloroethane	8.402	97	1816	0.240	ug/l	93
53) 1,3-Dichloropropane	8.573	76	3128	0.259	ug/l	91
54) 2-Hexanone	8.692	43	2991	0.797	ug/l	87
55) Dibromochloromethane	8.807	129	3704	0.446	ug/l	96
56) 1,2-Dibromoethane	8.930	107	1472	0.217	ug/l	100
58) Tetrachloroethene	8.550	164	2255	0.271	ug/l	89
59) Chlorobenzene	9.447	112	5072	0.224	ug/l	95
60) 1,1,1,2-Tetrachloroethane	9.534	131	2070	0.232	ug/l	94
61) Pentachloroethane	11.425	117	1833	0.241	ug/l	94

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Quant Time: Aug 07 07:03:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U080524DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Aug 06 11:07:28 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
62) Hexachloroethane	12.467	117	1790	0.243	ug/l	91
63) Ethyl Benzene	9.566	91	7304	0.658	ug/l	94
64) m/p-Xylenes	9.692	106	5122	1.178	ug/l	87
65) o-Xylene	10.100	106	2555	0.591	ug/l	87
66) Styrene	10.116	104	4101	0.609	ug/l	97
67) Bromoform	10.290	173	2983	0.614	ug/l #	97
69) Isopropylbenzene	10.479	105	6139	0.612	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.782	83	2304	0.229	ug/l #	98
72) Bromobenzene	10.785	156	2138	0.230	ug/l	98
73) n-propylbenzene	10.904	120	1927	0.638	ug/l	100
74) 2-Chlorotoluene	10.981	126	1935	0.489	ug/l	98
75) 1,3,5-Trimethylbenzene	11.087	105	5502	0.595	ug/l #	85
76) 4-Chlorotoluene	11.100	126	1787	0.489	ug/l	96
77) tert-Butylbenzene	11.418	119	5904	0.602	ug/l	96
78) 1,2,4-Trimethylbenzene	11.467	105	5425	0.627	ug/l	96
79) sec-Butylbenzene	11.640	105	6877	0.586	ug/l	99
80) Nitrobenzene	13.241	77	119	0.269	ug/l #	39
81) p-Isopropyltoluene	11.788	119	5421	0.645	ug/l	98
82) 1,3-Dichlorobenzene	11.746	146	5499	0.284	ug/l	94
83) 1,4-Dichlorobenzene	11.840	146	3990	0.207	ug/l	89
84) n-Butylbenzene	12.206	91	6801	0.673	ug/l #	87
85) 1,2-Dichlorobenzene	12.213	146	4289	0.229	ug/l	95
87) 1,2,4-Trichlorobenzene	13.846	180	2572	0.240	ug/l #	96
88) Hexachlorobutadiene	14.016	225	1810	0.261	ug/l	93
89) Naphthalene	14.093	128	8977	0.473	ug/l #	97
90) 1,2,3-Trichlorobenzene	14.328	180	6627	0.633	ug/l	98

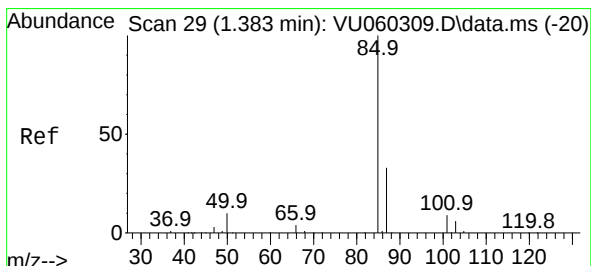
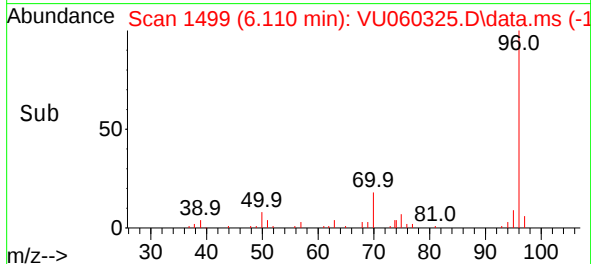
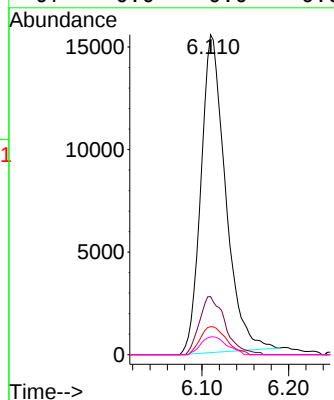
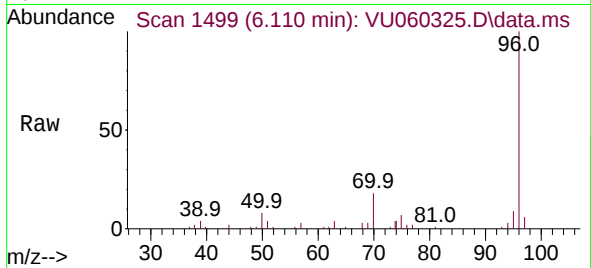
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 1498
Delta R.T. 0.003 min
Lab File: VU060325.D
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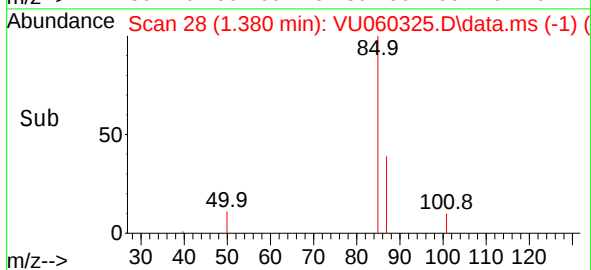
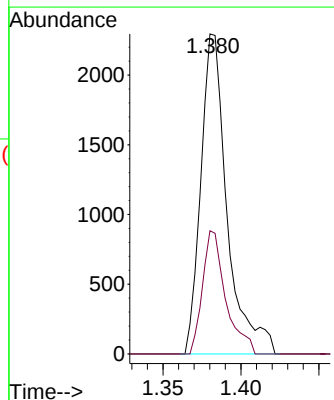
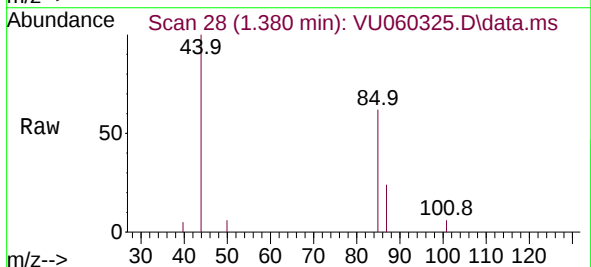
Instrument :
MSVOA_U
ClientSampleId :

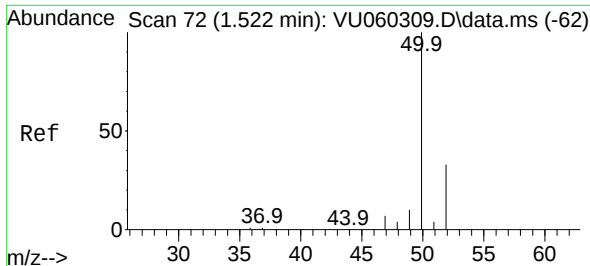
Tgt Ion: 96	Resp: 30472
Ion Ratio	Lower Upper
96 100	
70 19.3	17.2 25.8
95 9.3	7.9 11.9
97 6.0	0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 0.229 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.003 min
Lab File: VU060325.D
Acq: 06 Aug 2024 16:36

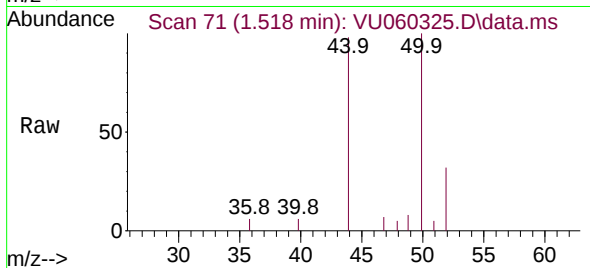
Tgt Ion: 85	Resp: 2687
Ion Ratio	Lower Upper
85 100	
87 38.5	16.3 48.9



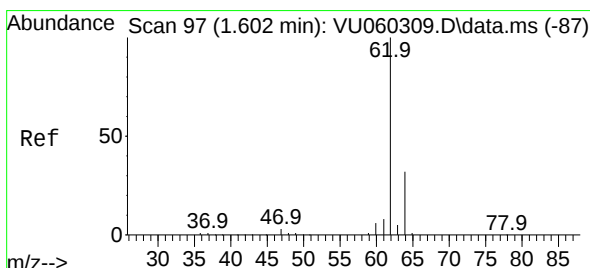
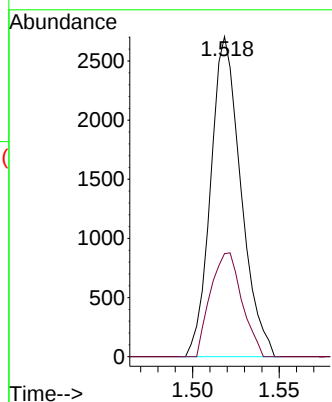
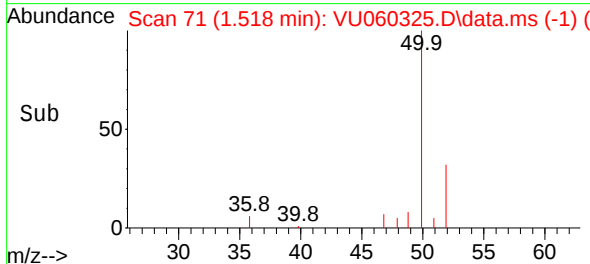


#3
Chloromethane
Concen: 0.245 ug/l
RT: 1.518 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU060325.D
Acq: 06 Aug 2024 16:36

Instrument :
MSVOA_U
ClientSampleId :

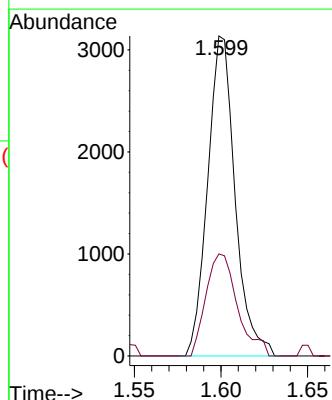
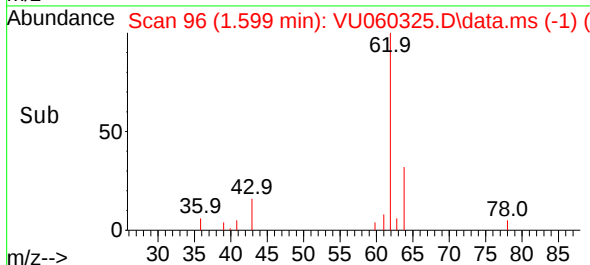
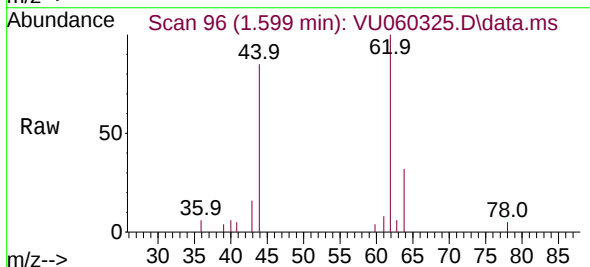


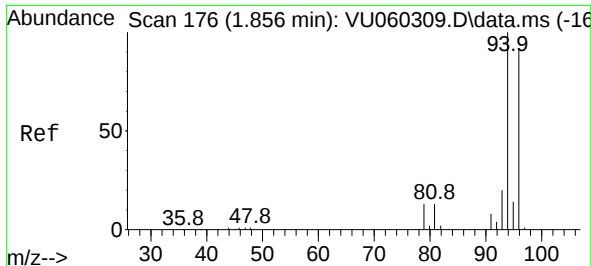
Tgt Ion: 50 Resp: 3285
Ion Ratio Lower Upper
50 100
52 32.2 26.5 39.7



#4
Vinyl Chloride
Concen: 0.258 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.003 min
Lab File: VU060325.D
Acq: 06 Aug 2024 16:36

Tgt Ion: 62 Resp: 3456
Ion Ratio Lower Upper
62 100
64 31.9 25.8 38.6

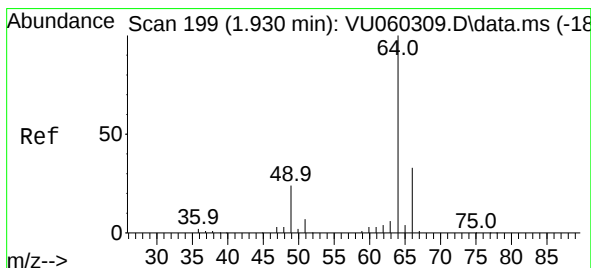
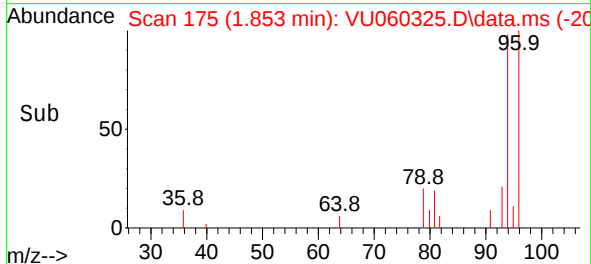
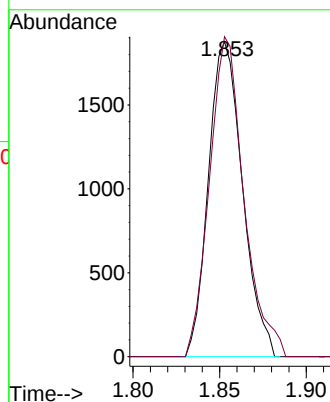
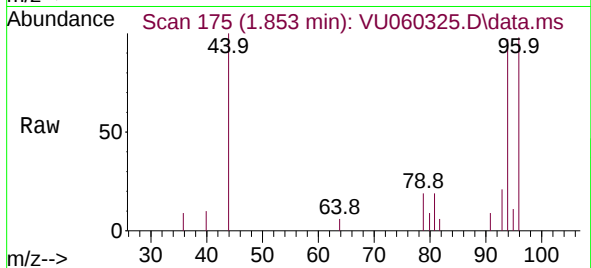




#5
Bromomethane
Concen: 0.311 ug/l
RT: 1.853 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU060325.D
Acq: 06 Aug 2024 16:36

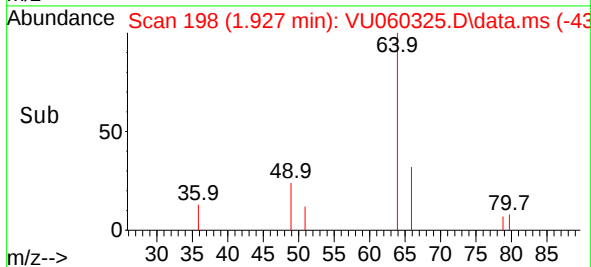
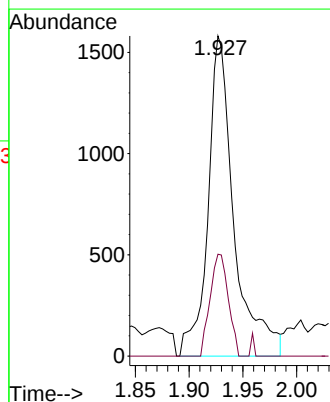
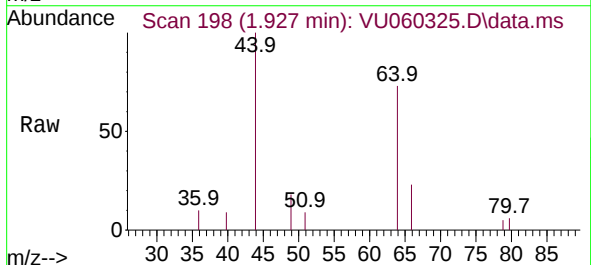
Instrument :
MSVOA_U
ClientSampleId :

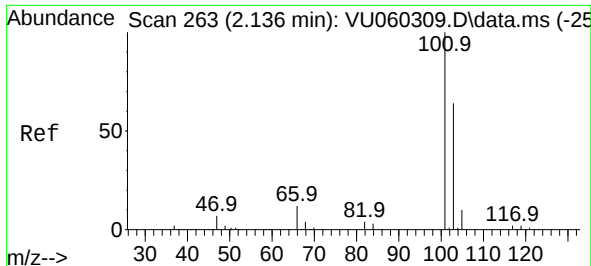
Tgt Ion: 94 Resp: 2559
Ion Ratio Lower Upper
94 100
96 101.6 73.8 110.8



#6
Chloroethane
Concen: 0.328 ug/l
RT: 1.927 min Scan# 198
Delta R.T. -0.003 min
Lab File: VU060325.D
Acq: 06 Aug 2024 16:36

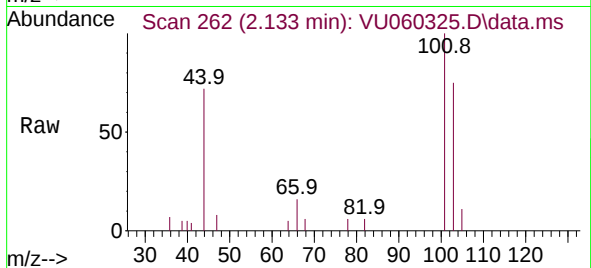
Tgt Ion: 64 Resp: 2656
Ion Ratio Lower Upper
64 100
66 31.8 26.3 39.5



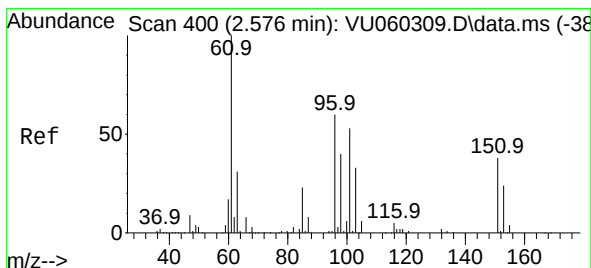
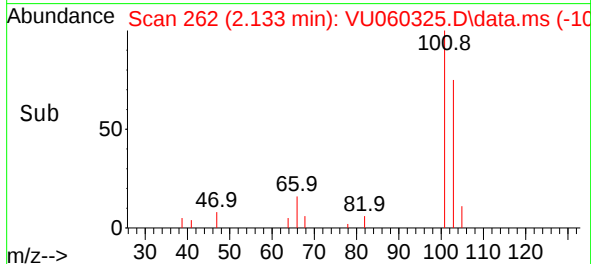
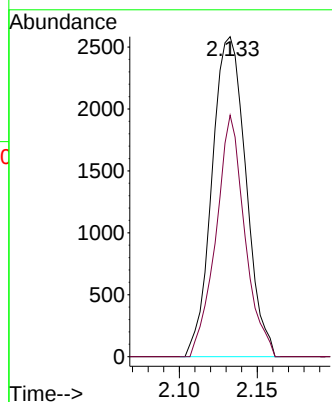


#7
Trichlorofluoromethane
Concen: 0.241 ug/l
RT: 2.133 min Scan# 210
Delta R.T. -0.003 min
Lab File: VU060325.D
Acq: 06 Aug 2024 16:36

Instrument :
MSVOA_U
ClientSampleId :

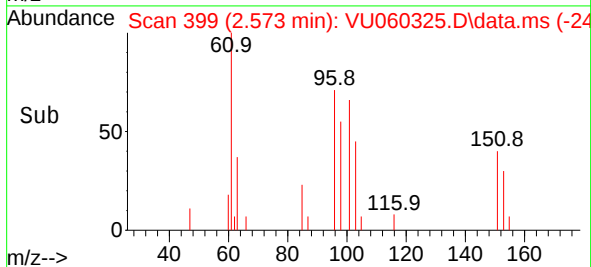
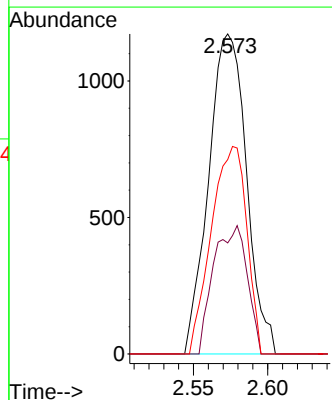
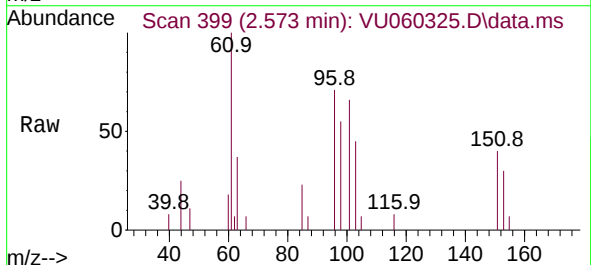


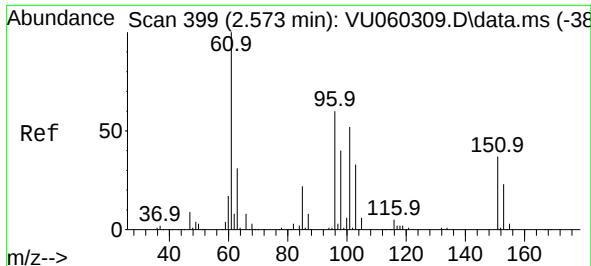
Tgt Ion:101 Resp: 3901
Ion Ratio Lower Upper
101 100
103 75.4 51.0 76.4



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.236 ug/l
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU060325.D
Acq: 06 Aug 2024 16:36

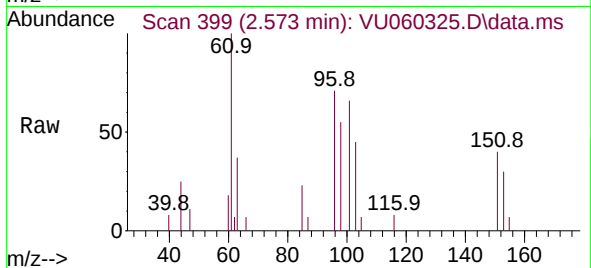
Tgt Ion:101 Resp: 2079
Ion Ratio Lower Upper
101 100
85 35.5 34.9 52.3
151 60.6 57.2 85.8





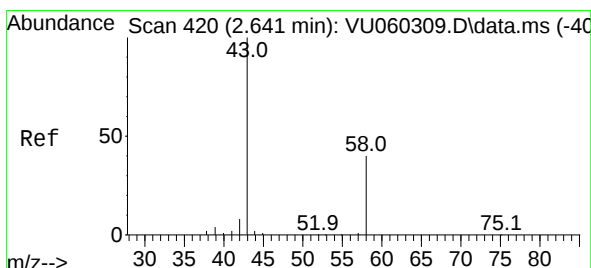
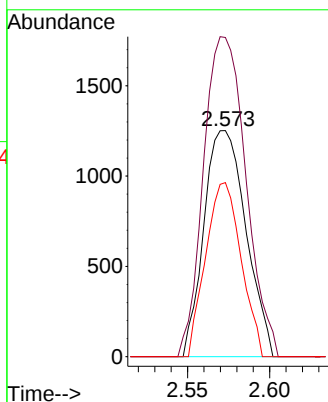
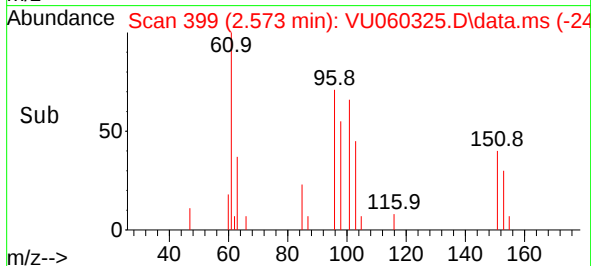
#9
1,1-Dichloroethene
Concen: 0.245 ug/l
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU060325.D
Acq: 06 Aug 2024 16:36

Instrument :
MSVOA_U
ClientSampleId :

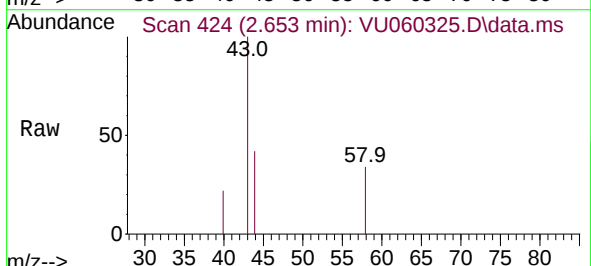


Tgt Ion: 96 Resp: 2228

Ion	Ratio	Lower	Upper
96	100		
61	141.2	0.0	495.9
98	77.0	0.0	131.6

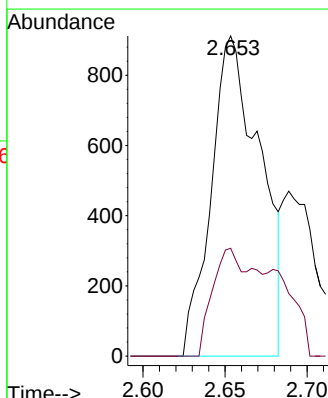
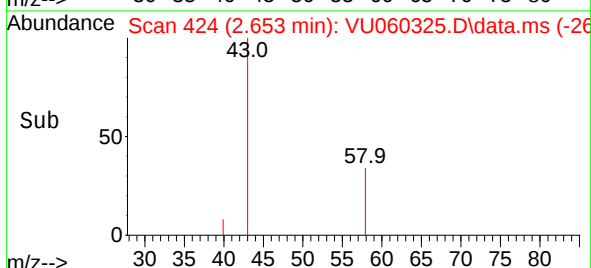


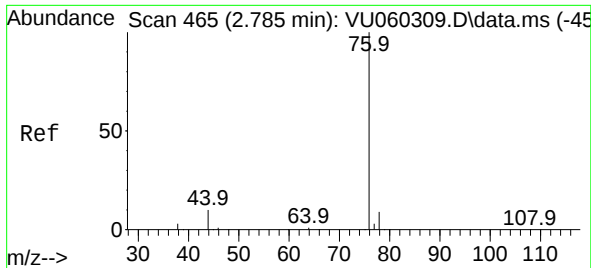
#13
Acetone
Concen: 0.652 ug/l
RT: 2.653 min Scan# 424
Delta R.T. 0.012 min
Lab File: VU060325.D
Acq: 06 Aug 2024 16:36



Tgt Ion: 43 Resp: 1886

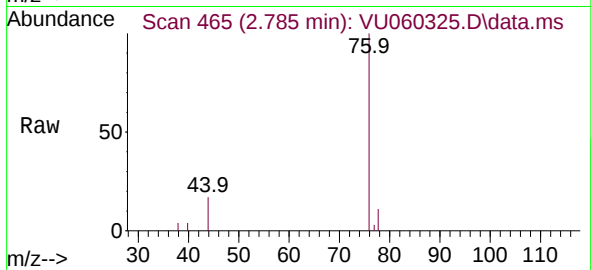
Ion	Ratio	Lower	Upper
43	100		
58	33.7	31.8	47.8



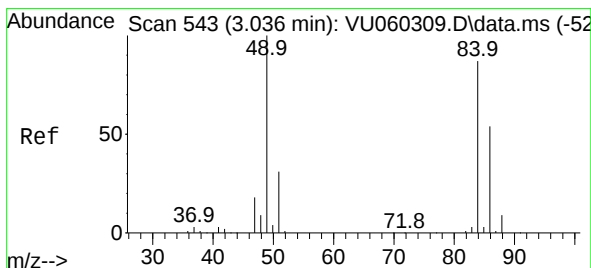
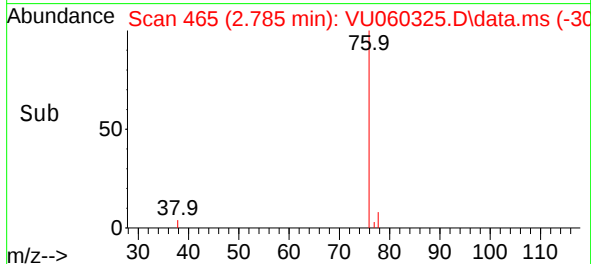
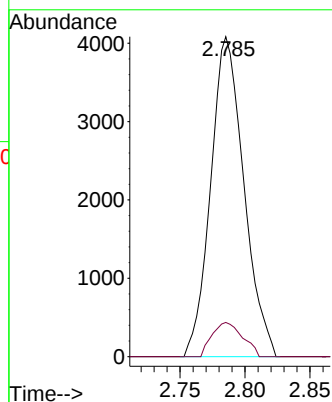


#14
Carbon Disulfide
Concen: 0.234 ug/l
RT: 2.785 min Scan# 465
Delta R.T. -0.000 min
Lab File: VU060325.D
Acq: 06 Aug 2024 16:36

Instrument :
MSVOA_U
ClientSampleId :

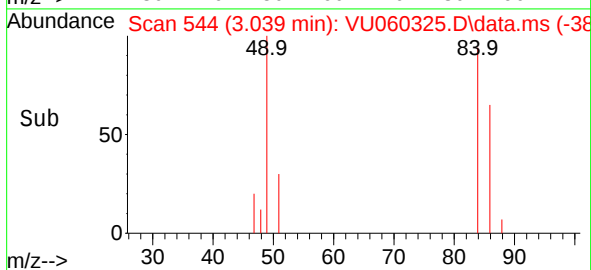
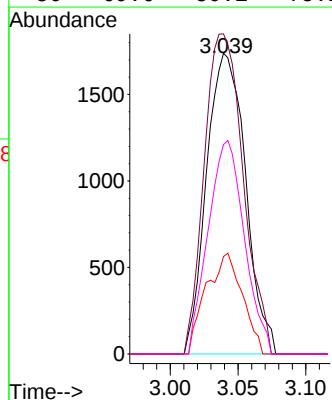
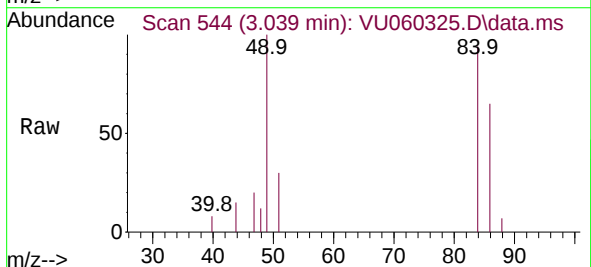


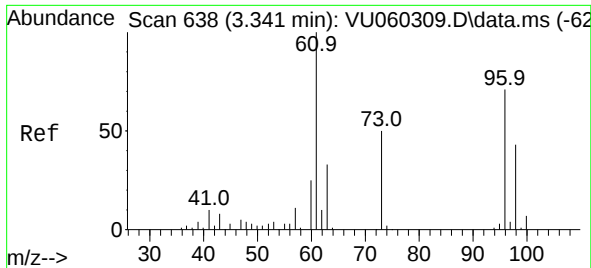
Tgt Ion: 76 Resp: 7243
Ion Ratio Lower Upper
76 100
78 10.7 7.4 11.0



#15
Methylene Chloride
Concen: 0.305 ug/l
RT: 3.039 min Scan# 544
Delta R.T. 0.003 min
Lab File: VU060325.D
Acq: 06 Aug 2024 16:36

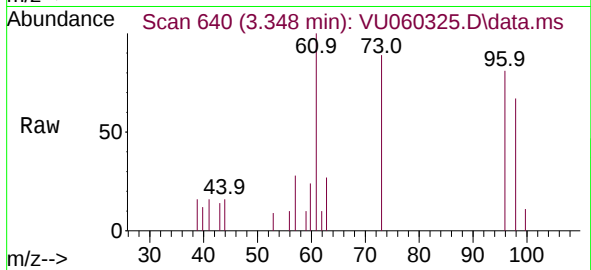
Tgt Ion: 84 Resp: 3475
Ion Ratio Lower Upper
84 100
49 106.4 92.1 138.1
51 32.4 0.0 72.4
86 69.6 50.1 75.1



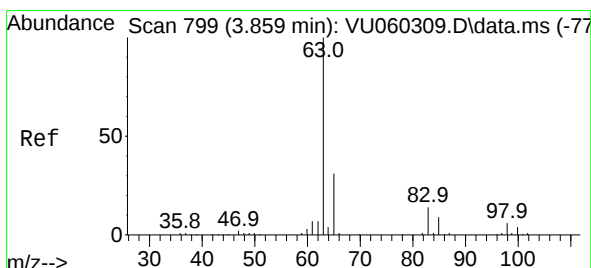
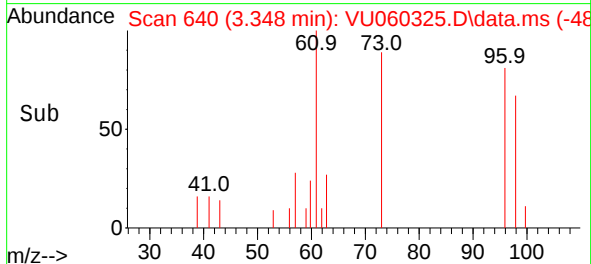
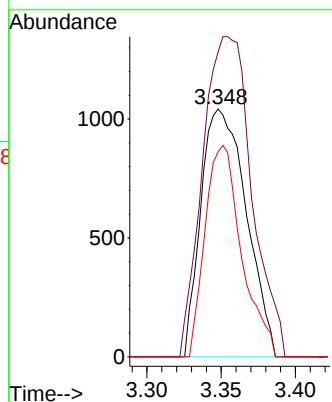


#16
trans-1,2-Dichloroethene
Concen: 0.227 ug/l
RT: 3.348 min Scan# 64
Delta R.T. 0.006 min
Lab File: VU060325.D
Acq: 06 Aug 2024 16:36

Instrument :
MSVOA_U
ClientSampleId :

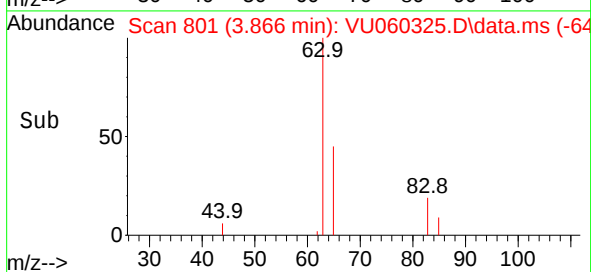
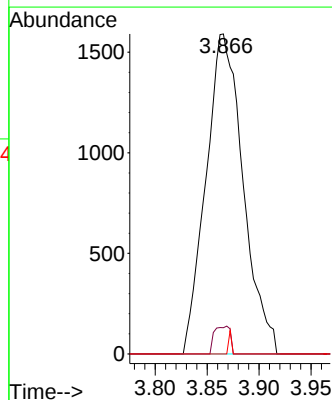
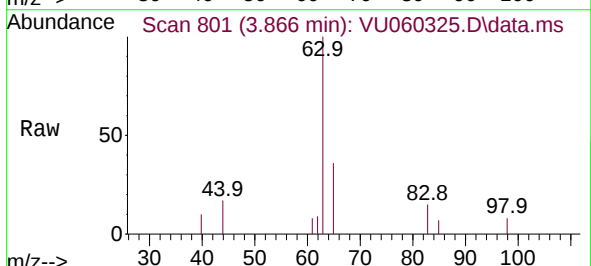


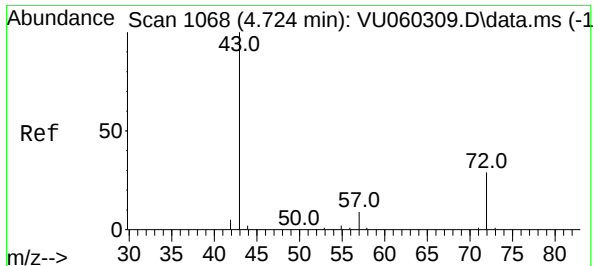
Tgt Ion: 96 Resp: 2213
Ion Ratio Lower Upper
96 100
61 123.0 112.8 169.2
98 82.7 48.7 73.1#



#17
1,1-Dichloroethane
Concen: 0.211 ug/l
RT: 3.866 min Scan# 801
Delta R.T. 0.006 min
Lab File: VU060325.D
Acq: 06 Aug 2024 16:36

Tgt Ion: 63 Resp: 3961
Ion Ratio Lower Upper
63 100
98 8.2 3.1 9.4
100 0.0 2.0 5.8#





#18

2-Butanone

Concen: 0.379 ug/l

RT: 4.779 min Scan# 1085

Delta R.T. 0.055 min

Lab File: VU060325.D

Acq: 06 Aug 2024 16:36

Instrument :

MSVOA_U

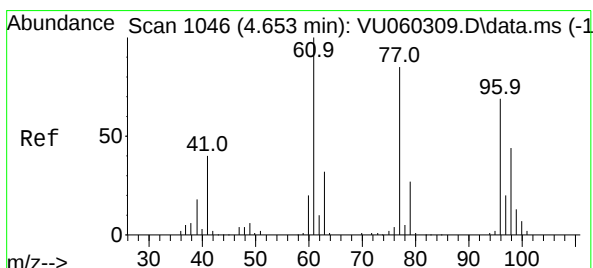
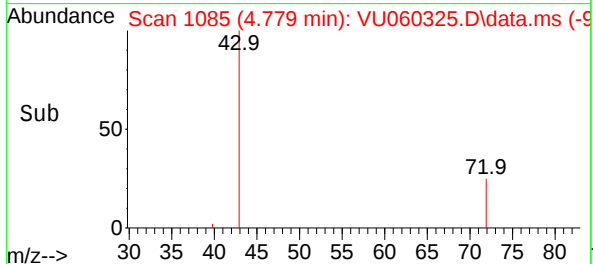
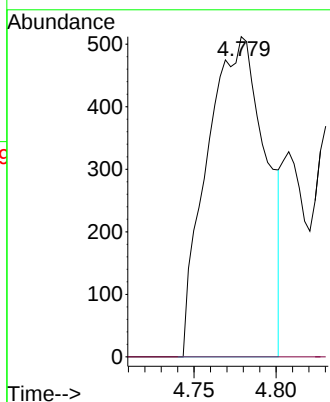
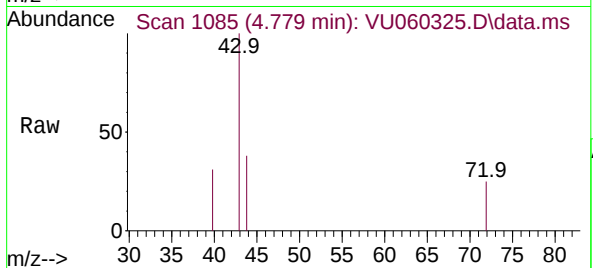
ClientSampleId :

Tgt Ion: 43 Resp: 1267

Ion Ratio Lower Upper

43 100

57 0.0 0.0 18.4



#21

2,2-Dichloropropane

Concen: 0.212 ug/l

RT: 4.657 min Scan# 1047

Delta R.T. 0.003 min

Lab File: VU060325.D

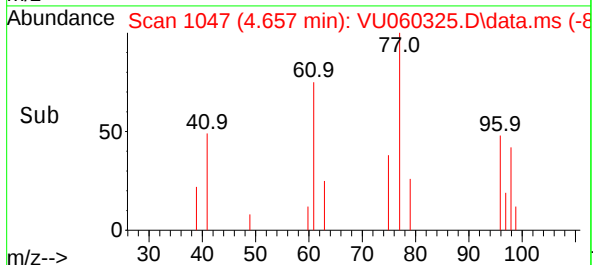
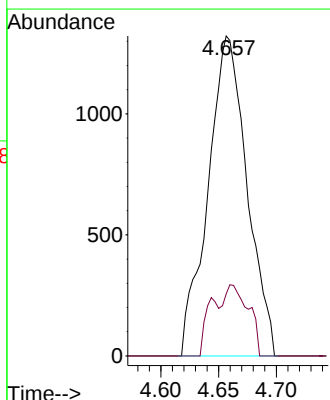
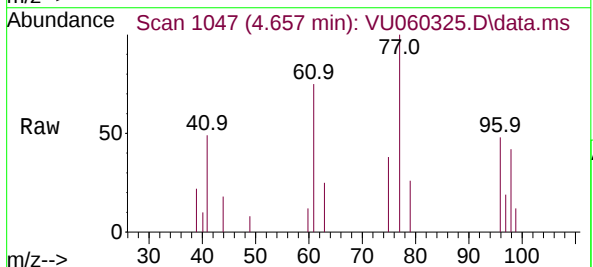
Acq: 06 Aug 2024 16:36

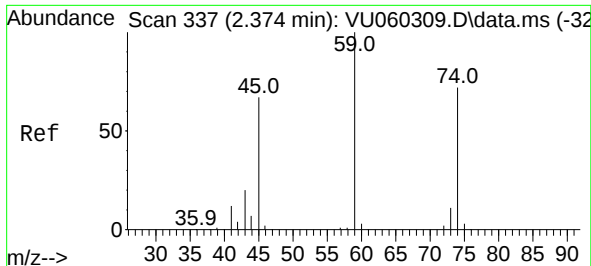
Tgt Ion: 77 Resp: 3102

Ion Ratio Lower Upper

77 100

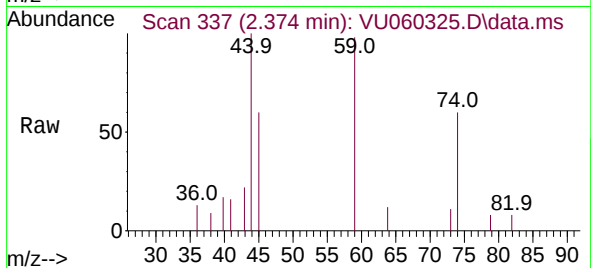
97 14.2 18.6 27.8#



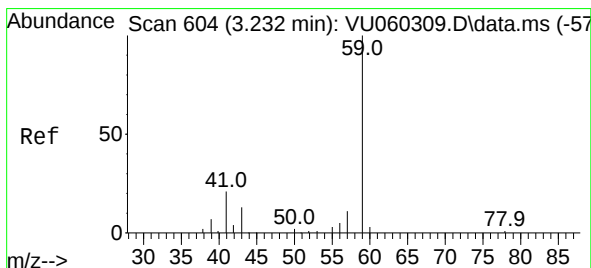
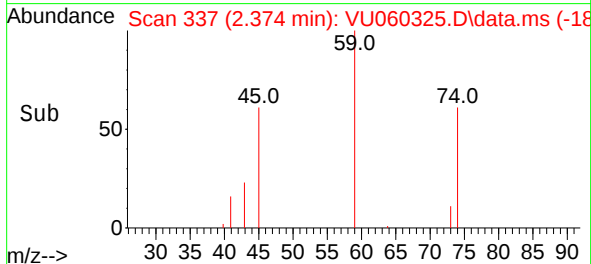
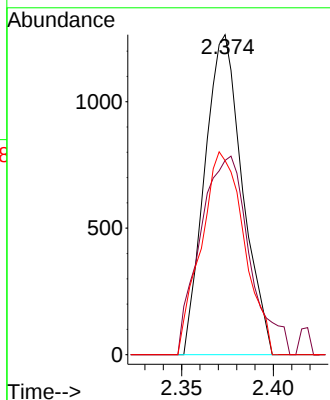


#23
Diethyl Ether
Concen: 0.243 ug/l
RT: 2.374 min Scan# 337
Delta R.T. -0.000 min
Lab File: VU060325.D
Acq: 06 Aug 2024 16:36

Instrument :
MSVOA_U
ClientSampleId :

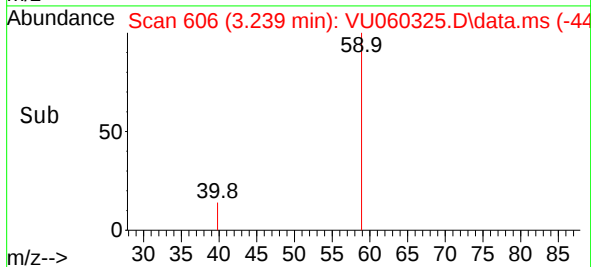
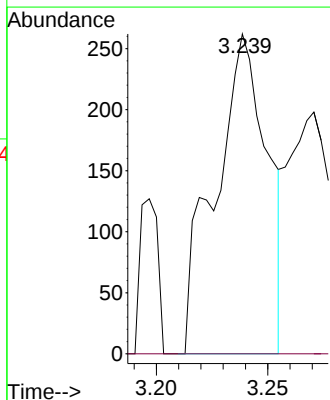
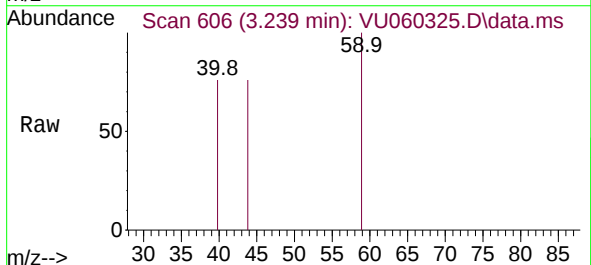


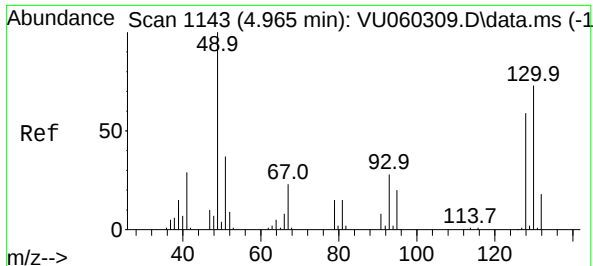
Tgt Ion:	59	Resp:	1801
Ion	Ratio	Lower	Upper
59	100		
45	81.3	55.8	83.6
74	72.8	59.2	88.8



#24
tert-Butyl Alcohol
Concen: 0.460 ug/l
RT: 3.239 min Scan# 606
Delta R.T. 0.007 min
Lab File: VU060325.D
Acq: 06 Aug 2024 16:36

Tgt Ion:	59	Resp:	425
Ion	Ratio	Lower	Upper
59	100		
57	0.0	4.5	6.7#





#26

Bromochloromethane

Concen: 0.283 ug/l

RT: 4.975 min Scan# 1146

Delta R.T. 0.010 min

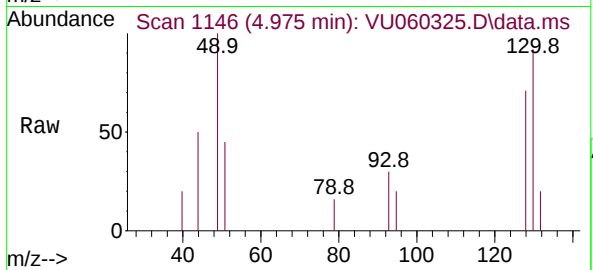
Lab File: VU060325.D

Acq: 06 Aug 2024 16:36

Instrument :

MSVOA_U

ClientSampleId :



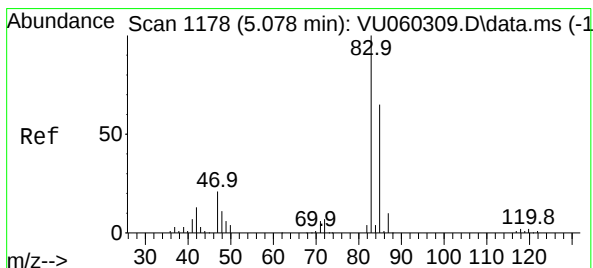
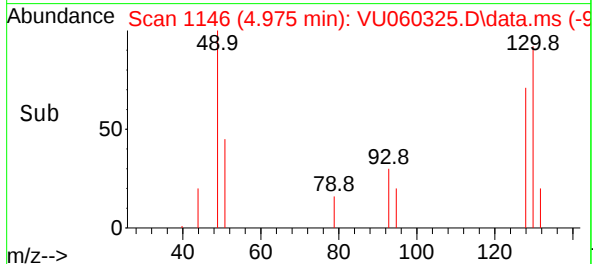
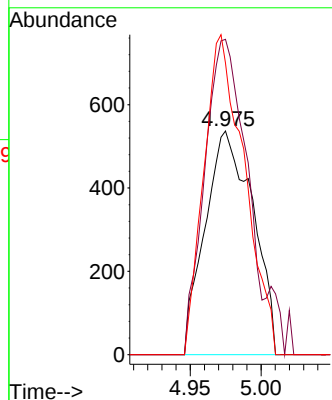
Tgt Ion:128 Resp: 1255

Ion Ratio Lower Upper

128 100

49 123.8 0.0 340.8

130 121.7 102.1 153.1



#27

Chloroform

Concen: 0.425 ug/l

RT: 5.084 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VU060325.D

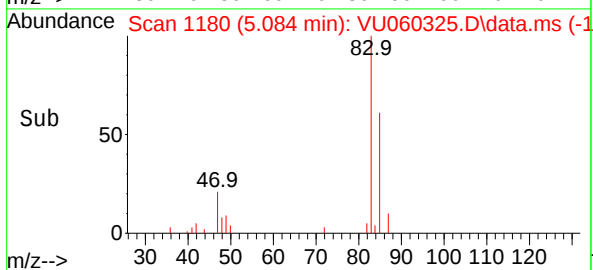
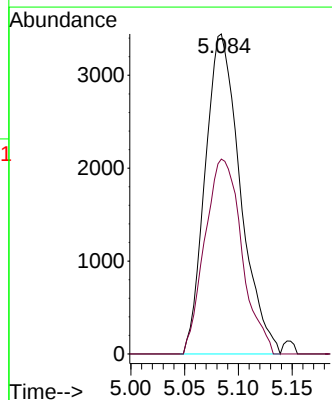
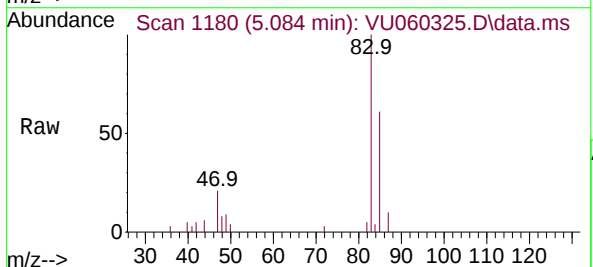
Acq: 06 Aug 2024 16:36

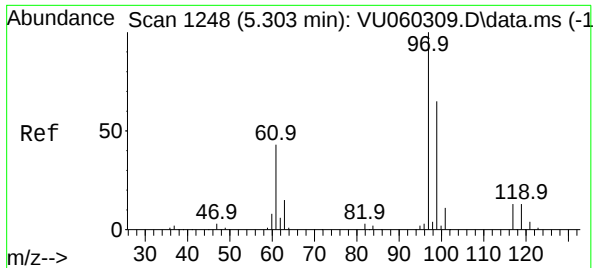
Tgt Ion: 83 Resp: 7813

Ion Ratio Lower Upper

83 100

85 60.9 0.0 131.0

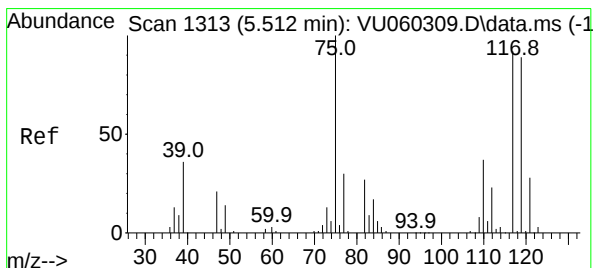
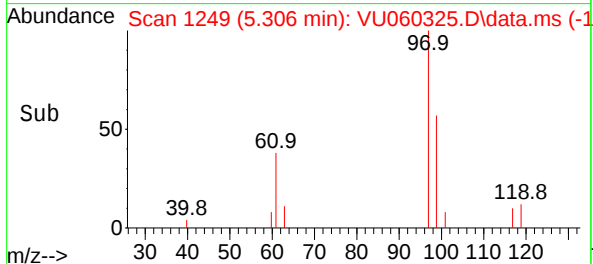
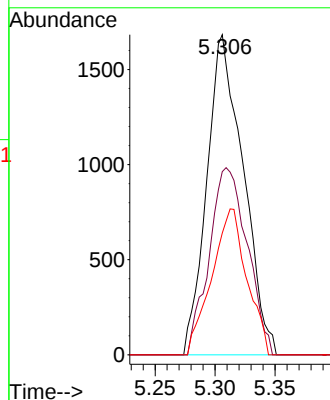
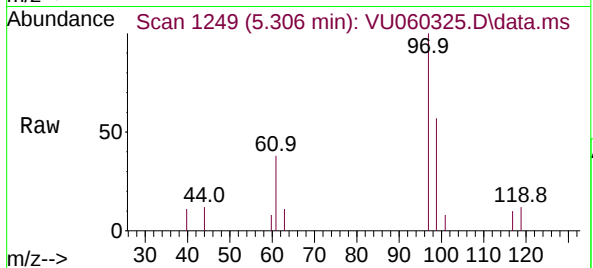




#28
1,1,1-Trichloroethane
Concen: 0.233 ug/l
RT: 5.306 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU060325.D
Acq: 06 Aug 2024 16:36

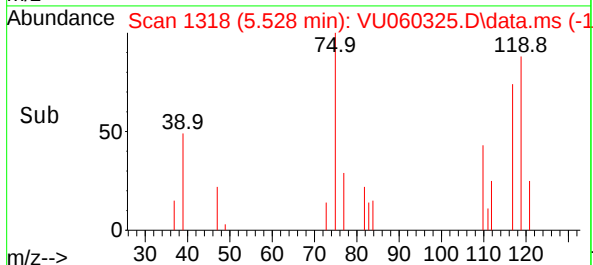
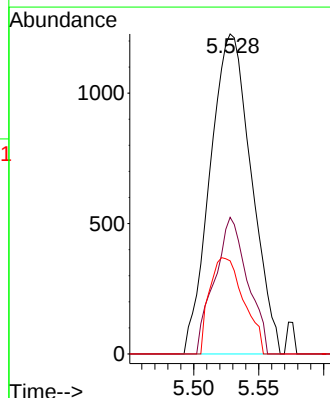
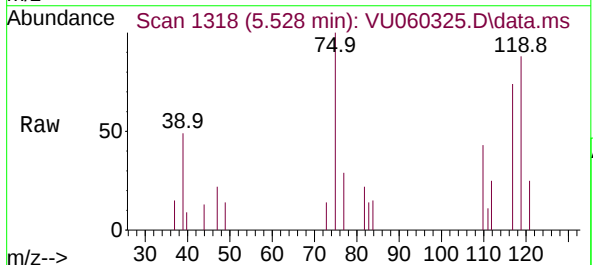
Instrument :
MSVOA_U
ClientSampleId :

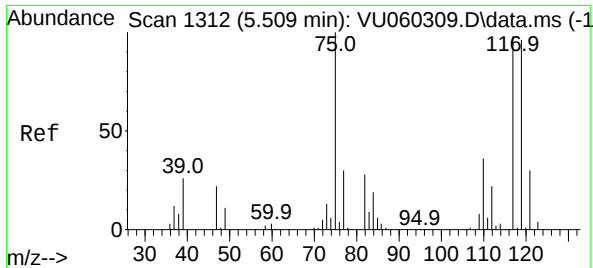
Tgt Ion: 97	Resp:	3549
Ion	Ratio	Lower Upper
97	100	
99	61.3	32.8 98.4
61	44.0	22.3 66.9



#29
1,1-Dichloropropene
Concen: 0.221 ug/l
RT: 5.528 min Scan# 1318
Delta R.T. 0.016 min
Lab File: VU060325.D
Acq: 06 Aug 2024 16:36

Tgt Ion: 75	Resp:	2707
Ion	Ratio	Lower Upper
75	100	
110	34.1	18.4 55.2
77	24.9	24.8 37.2





#30

Carbon Tetrachloride

Concen: 0.237 ug/l

RT: 5.515 min Scan# 11

Delta R.T. 0.006 min

Lab File: VU060325.D

Acq: 06 Aug 2024 16:36

Instrument :

MSVOA_U

ClientSampleId :

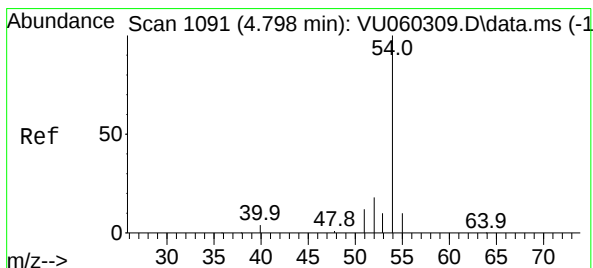
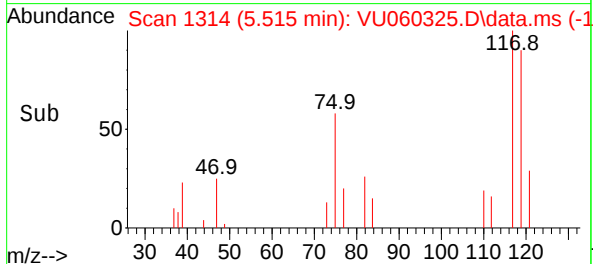
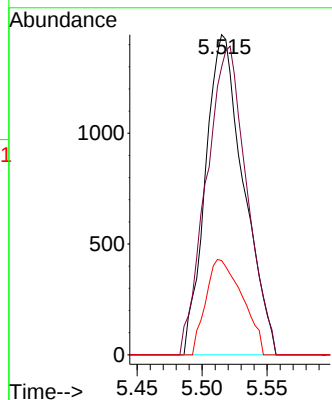
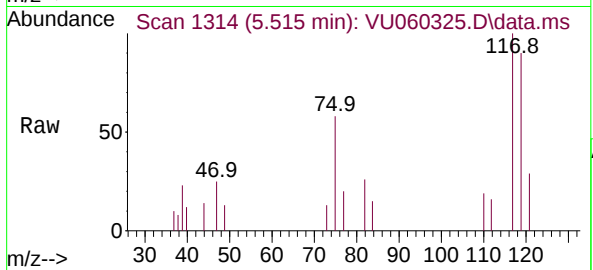
Tgt Ion:117 Resp: 2952

Ion Ratio Lower Upper

117 100

119 89.9 77.8 116.6

121 29.4 24.2 36.2



#34

Propionitrile

Concen: 0.283 ug/l

RT: 4.856 min Scan# 1109

Delta R.T. 0.058 min

Lab File: VU060325.D

Acq: 06 Aug 2024 16:36

Tgt Ion: 54 Resp: 270

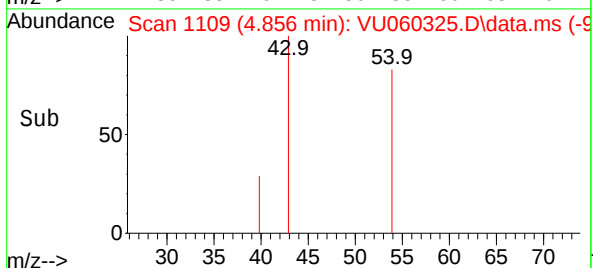
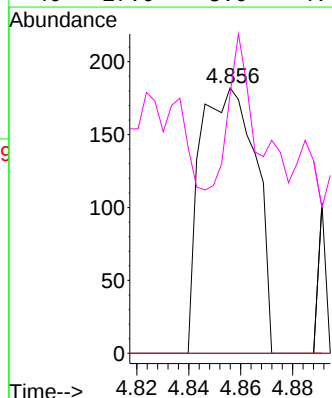
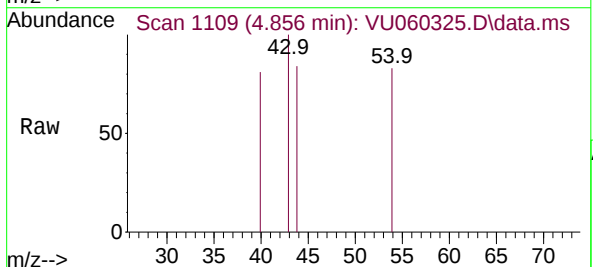
Ion Ratio Lower Upper

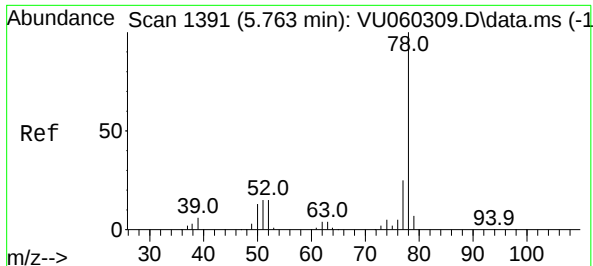
54 100

52 0.0 16.4 24.6#

55 0.0 5.2 7.8#

40 27.0 3.0 4.4#





#35

Benzene

Concen: 0.222 ug/l

RT: 5.775 min Scan# 1400

Delta R.T. 0.013 min

Lab File: VU060325.D

Acq: 06 Aug 2024 16:36

Instrument :

MSVOA_U

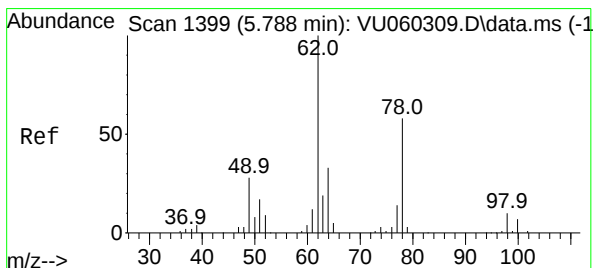
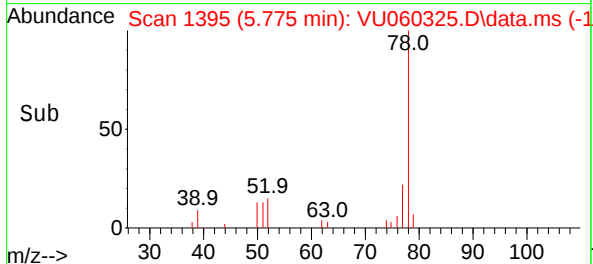
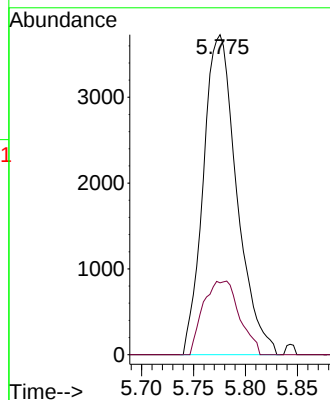
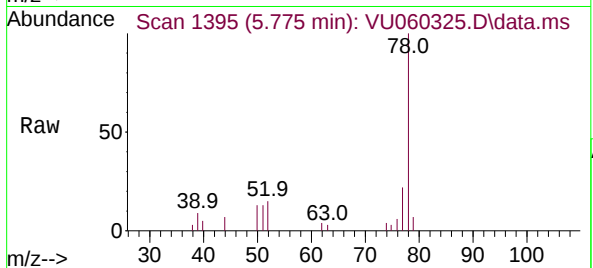
ClientSampleId :

Tgt Ion: 78 Resp: 8357

Ion Ratio Lower Upper

78 100

77 22.5 20.2 30.2



#36

1,2-Dichloroethane

Concen: 0.220 ug/l

RT: 5.795 min Scan# 1401

Delta R.T. 0.006 min

Lab File: VU060325.D

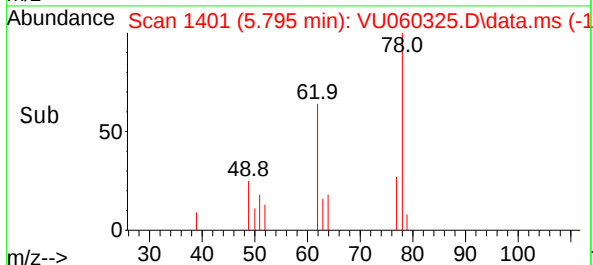
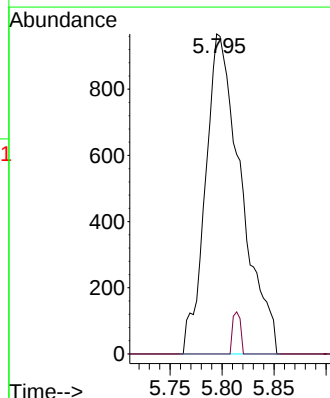
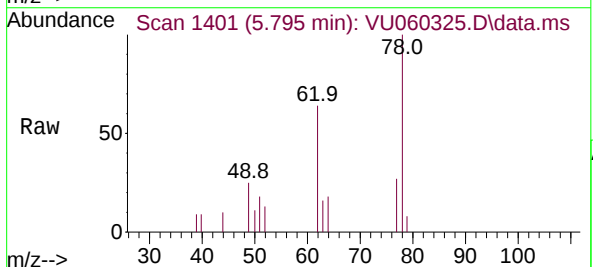
Acq: 06 Aug 2024 16:36

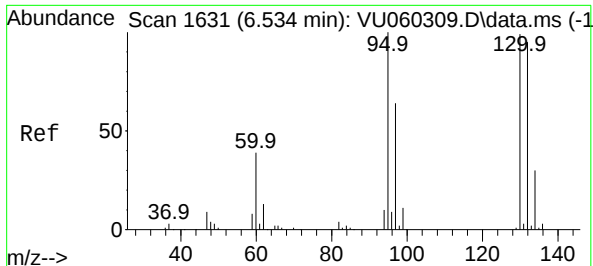
Tgt Ion: 62 Resp: 2307

Ion Ratio Lower Upper

62 100

98 2.9 8.1 12.1#





#37

Trichloroethene

Concen: 0.240 ug/l

RT: 6.541 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU060325.D

Acq: 06 Aug 2024 16:36

Instrument :

MSVOA_U

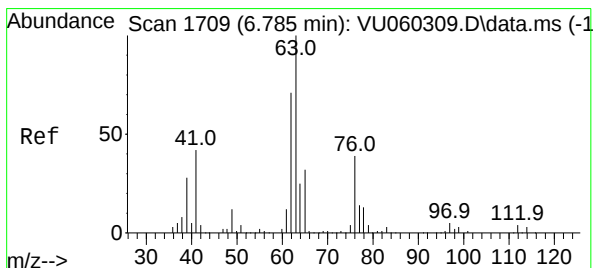
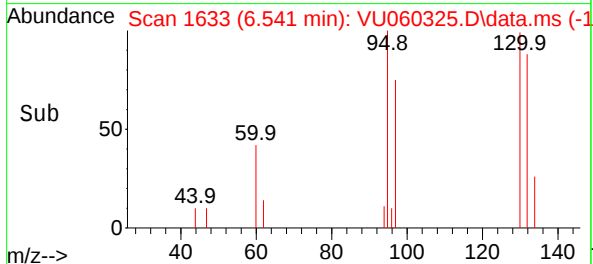
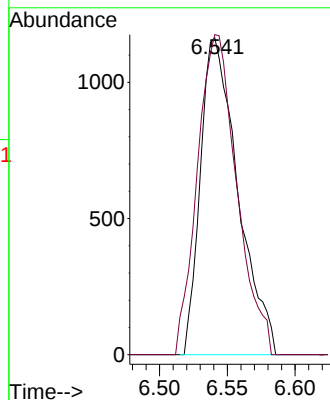
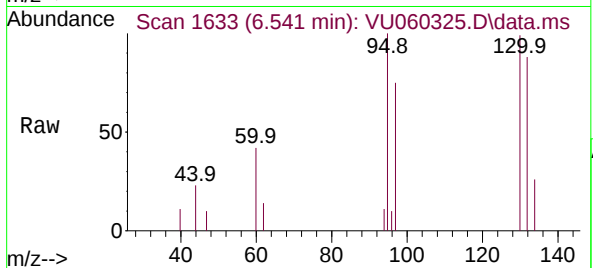
ClientSampleId :

Tgt Ion:130 Resp: 2241

Ion Ratio Lower Upper

130 100

95 101.0 80.6 121.0



#38

1,2-Dichloropropane

Concen: 0.207 ug/l

RT: 6.788 min Scan# 1710

Delta R.T. 0.003 min

Lab File: VU060325.D

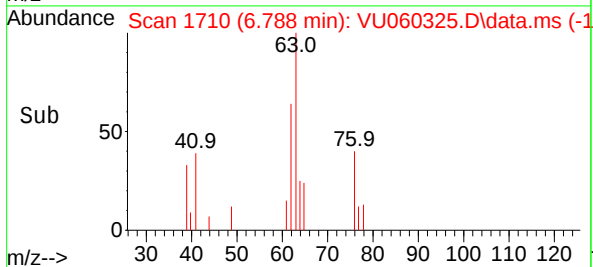
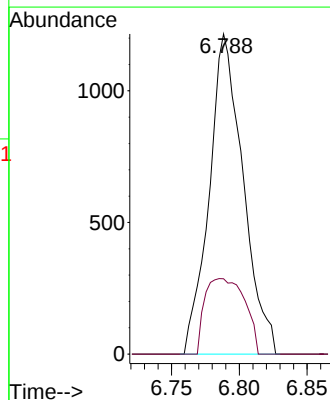
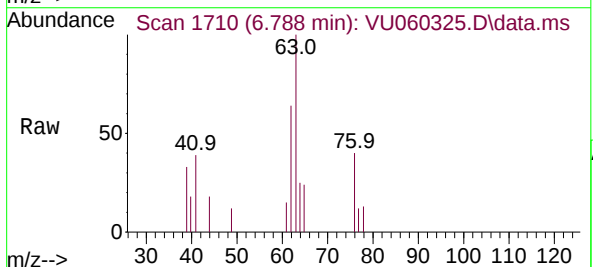
Acq: 06 Aug 2024 16:36

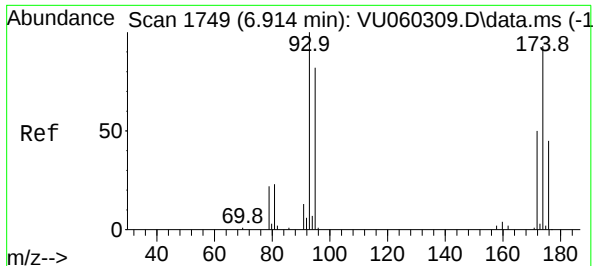
Tgt Ion: 63 Resp: 2114

Ion Ratio Lower Upper

63 100

65 23.5 25.6 38.4#





#43

Dibromomethane

Concen: 0.243 ug/l

RT: 6.917 min Scan# 1750

Delta R.T. 0.003 min

Lab File: VU060325.D

Acq: 06 Aug 2024 16:36

Instrument :

MSVOA_U

ClientSampleId :

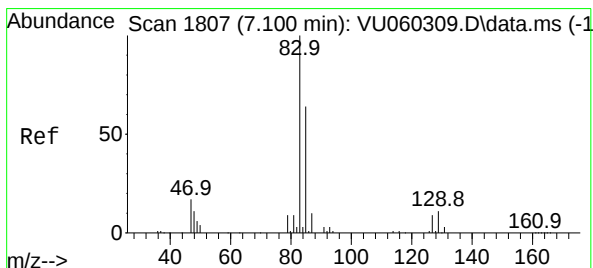
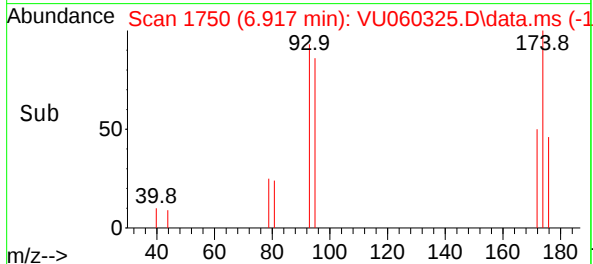
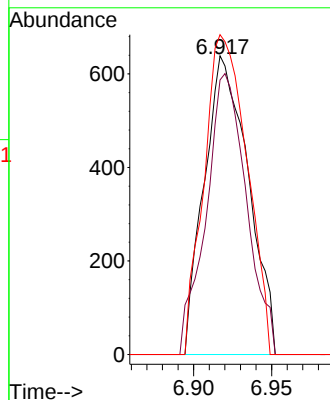
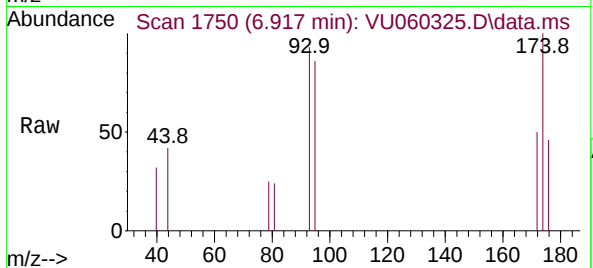
Tgt Ion: 93 Resp: 1253

Ion Ratio Lower Upper

93 100

95 86.3 66.4 99.6

174 104.5 75.2 112.8



#44

Bromodichloromethane

Concen: 0.281 ug/l

RT: 7.103 min Scan# 1808

Delta R.T. 0.003 min

Lab File: VU060325.D

Acq: 06 Aug 2024 16:36

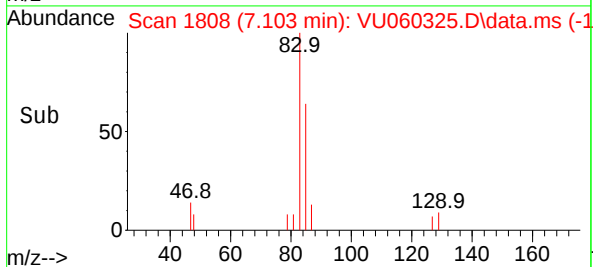
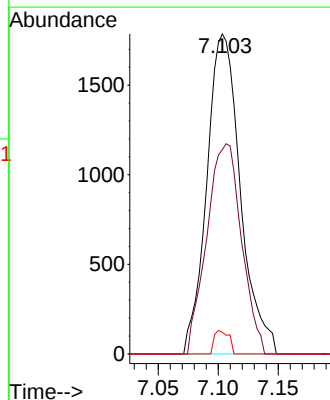
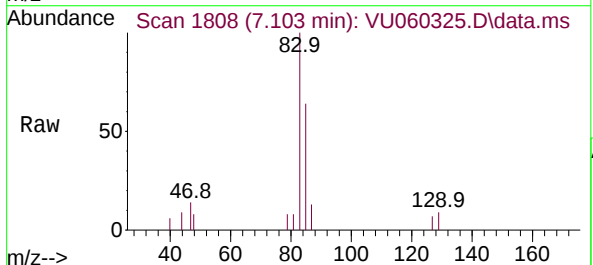
Tgt Ion: 83 Resp: 3477

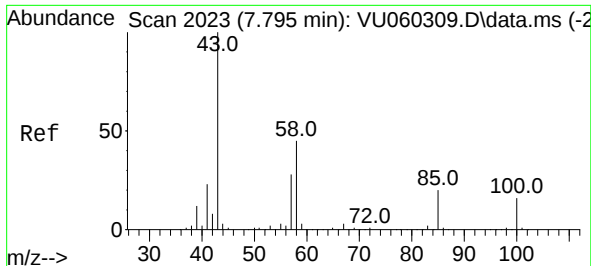
Ion Ratio Lower Upper

83 100

85 63.8 51.3 76.9

127 6.8 6.8 10.2#

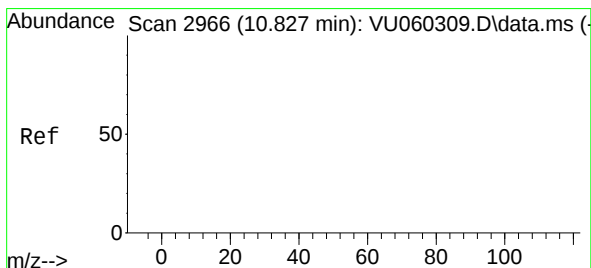
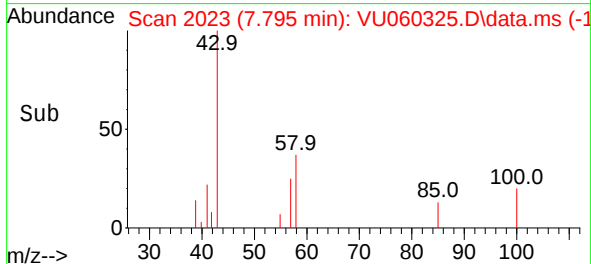
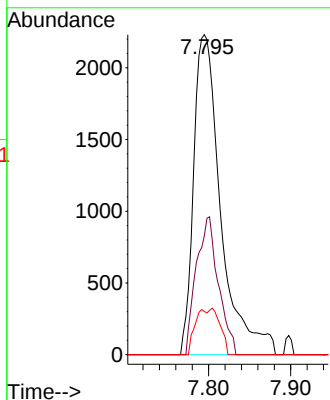
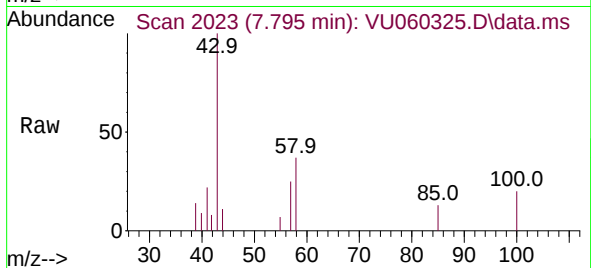




#45
4-Methyl-2-Pentanone
Concen: 1.061 ug/l
RT: 7.795 min Scan# 2023
Delta R.T. -0.000 min
Lab File: VU060325.D
Acq: 06 Aug 2024 16:36

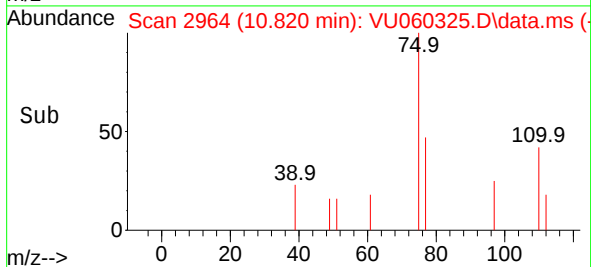
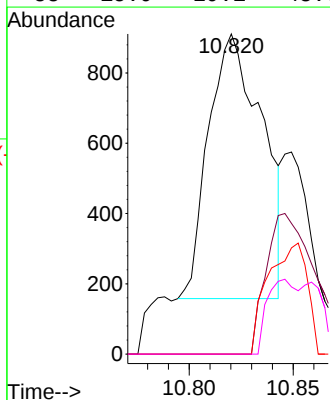
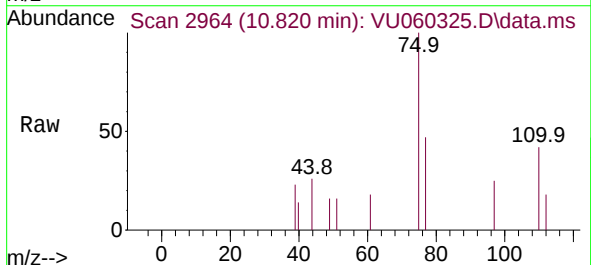
Instrument :
MSVOA_U
ClientSampleId :

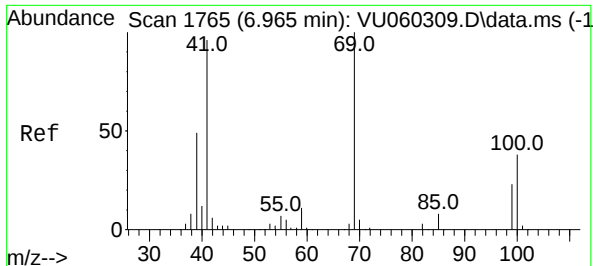
Tgt Ion: 43 Resp: 5134
Ion Ratio Lower Upper
43 100
58 34.9 22.3 66.9
85 6.6 16.0 24.0#



#46
t-1,4-Dichloro-2-butene
Concen: 0.499 ug/l
RT: 10.820 min Scan# 2964
Delta R.T. -0.006 min
Lab File: VU060325.D
Acq: 06 Aug 2024 16:36

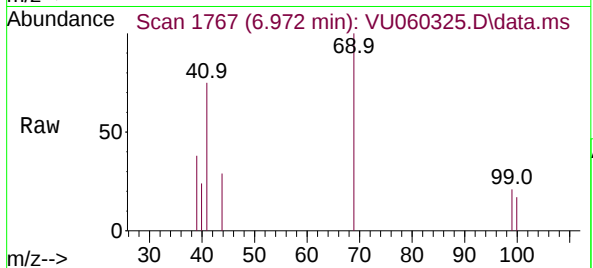
Tgt Ion: 75 Resp: 1353
Ion Ratio Lower Upper
75 100
53 46.5 57.2 85.8#
89 30.5 40.4 60.6#
88 15.9 29.1 43.7#



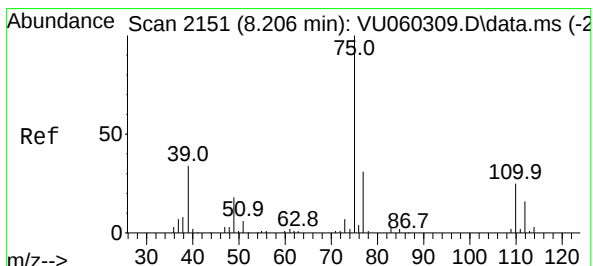
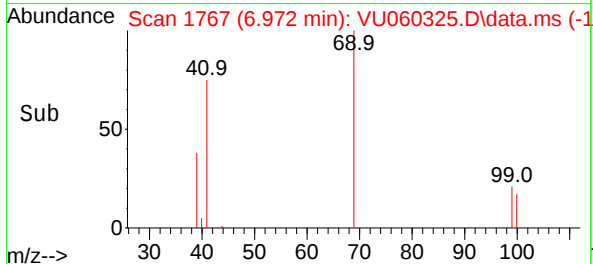
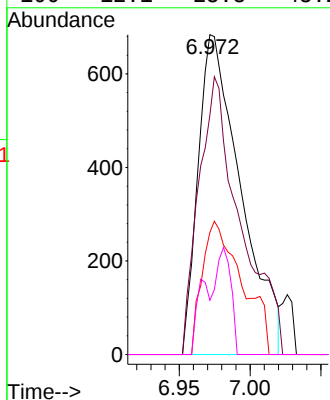


#47
Methyl methacrylate
Concen: 0.342 ug/l
RT: 6.972 min Scan# 1
Delta R.T. 0.006 min
Lab File: VU060325.D
Acq: 06 Aug 2024 16:36

Instrument :
MSVOA_U
ClientSampleId :

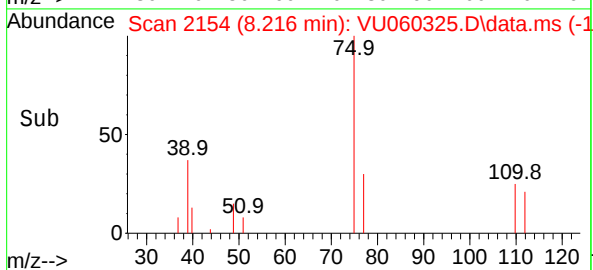
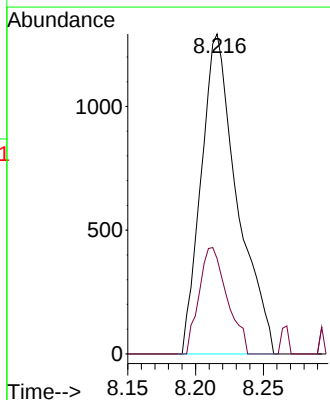
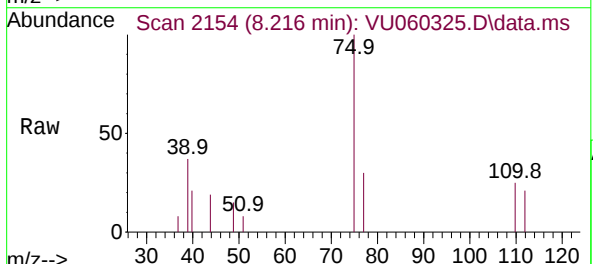


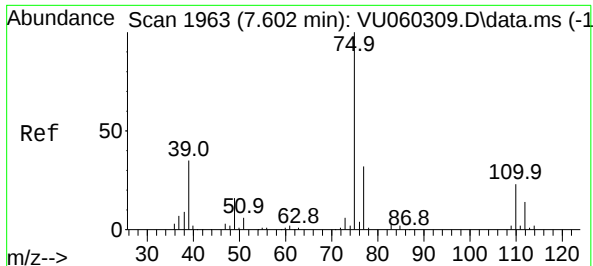
Tgt Ion:	69	Resp:	1431
Ion	Ratio	Lower	Upper
69	100		
41	84.6	0.0	194.0
39	38.8	38.0	57.0
100	12.1	28.8	43.2



#50
t-1,3-Dichloropropene
Concen: 0.233 ug/l
RT: 8.216 min Scan# 2154
Delta R.T. 0.010 min
Lab File: VU060325.D
Acq: 06 Aug 2024 16:36

Tgt Ion:	75	Resp:	2385
Ion	Ratio	Lower	Upper
75	100		
77	29.8	24.6	37.0

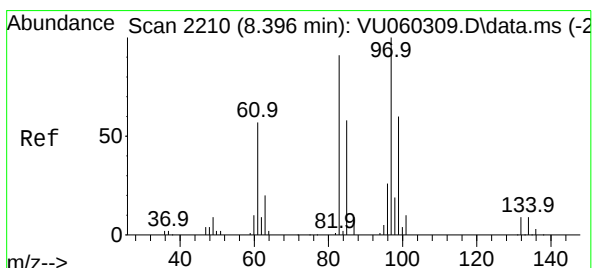
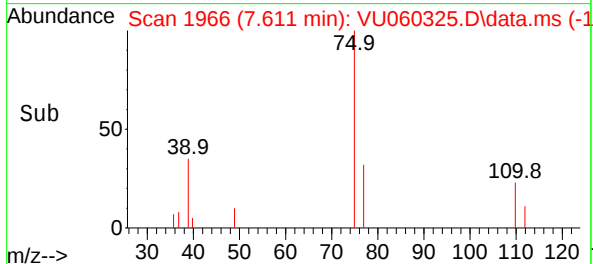
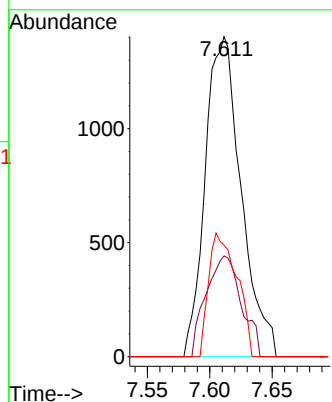
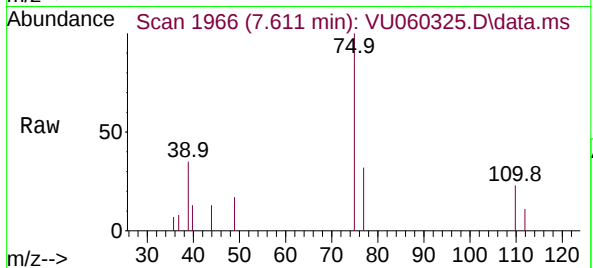




#51
 cis-1,3-Dichloropropene
 Concen: 0.229 ug/l
 RT: 7.611 min Scan# 1966
 Delta R.T. 0.010 min
 Lab File: VU060325.D
 Acq: 06 Aug 2024 16:36

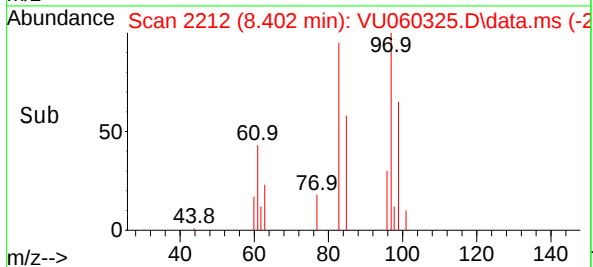
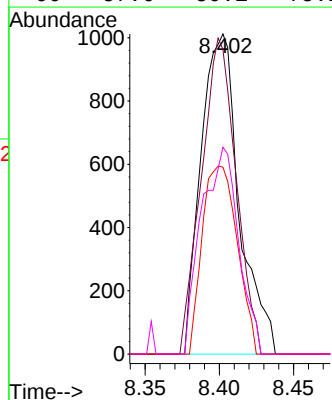
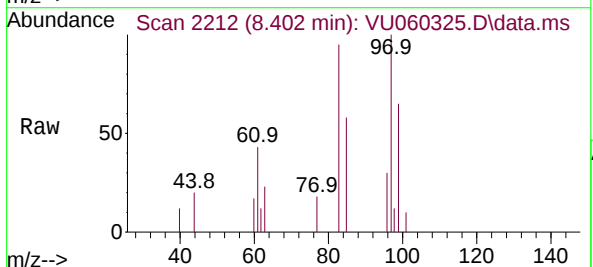
Instrument :
 MSVOA_U
 ClientSampleId :

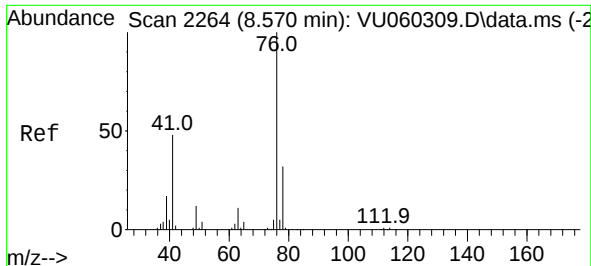
Tgt Ion:	75	Resp:	2811
Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.4	38.0
39	34.9	28.0	42.0



#52
 1,1,2-Trichloroethane
 Concen: 0.240 ug/l
 RT: 8.402 min Scan# 2212
 Delta R.T. 0.006 min
 Lab File: VU060325.D
 Acq: 06 Aug 2024 16:36

Tgt Ion:	97	Resp:	1816
Ion	Ratio	Lower	Upper
97	100		
83	84.8	73.0	109.4
85	52.0	46.2	69.4
99	57.6	50.1	75.1





#53

1,3-Dichloropropane

Concen: 0.259 ug/l

RT: 8.573 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU060325.D

Acq: 06 Aug 2024 16:36

Instrument :

MSVOA_U

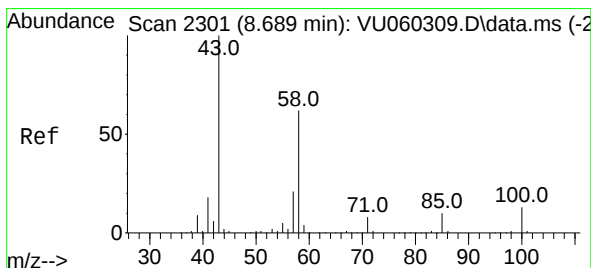
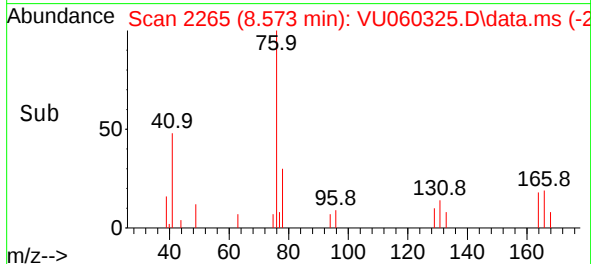
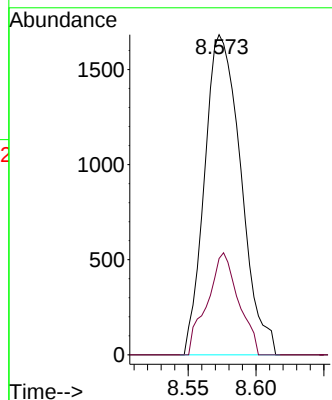
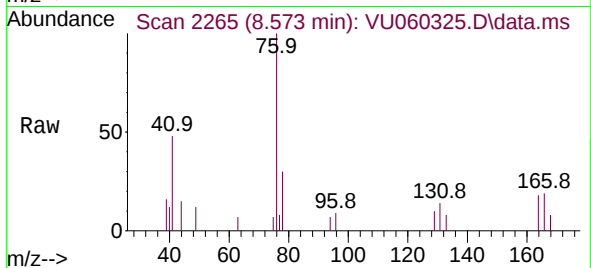
ClientSampleId :

Tgt Ion: 76 Resp: 3128

Ion Ratio Lower Upper

76 100

78 27.5 26.2 39.2



#54

2-Hexanone

Concen: 0.797 ug/l

RT: 8.692 min Scan# 2302

Delta R.T. 0.003 min

Lab File: VU060325.D

Acq: 06 Aug 2024 16:36

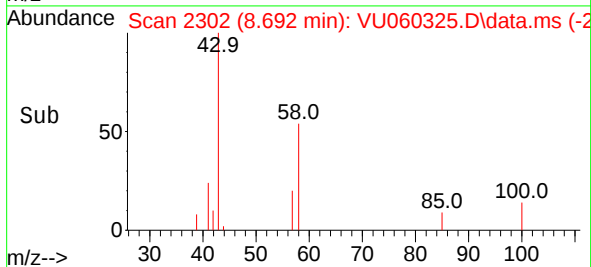
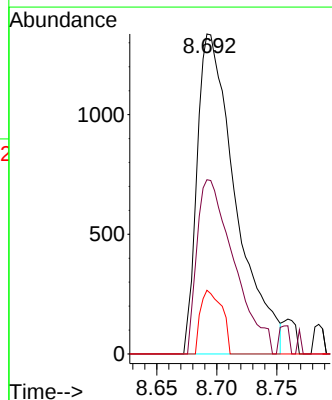
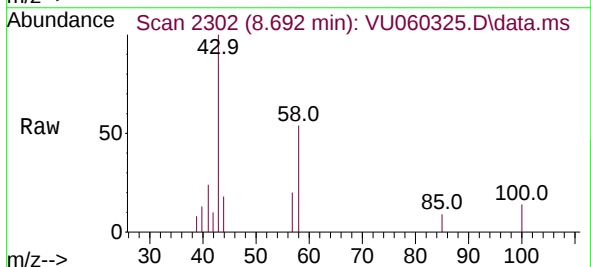
Tgt Ion: 43 Resp: 2991

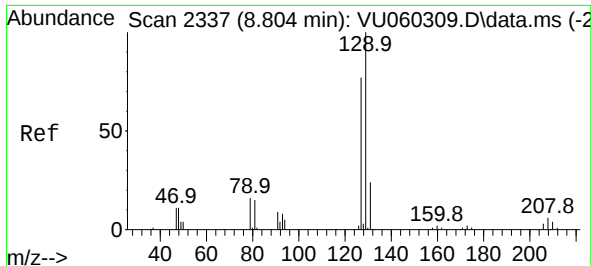
Ion Ratio Lower Upper

43 100

58 52.2 40.1 80.1

57 11.0 0.3 40.3





#55

Dibromochloromethane

Concen: 0.446 ug/l

RT: 8.807 min Scan# 2337

Delta R.T. 0.003 min

Lab File: VU060325.D

Acq: 06 Aug 2024 16:36

Instrument :

MSVOA_U

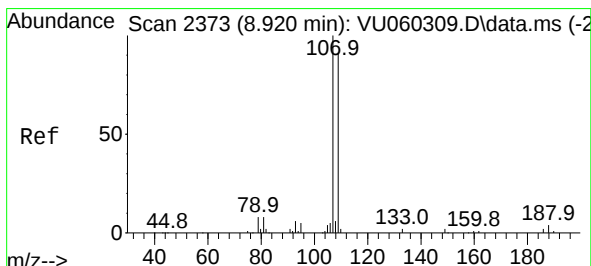
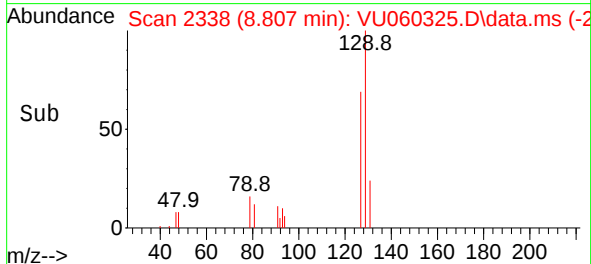
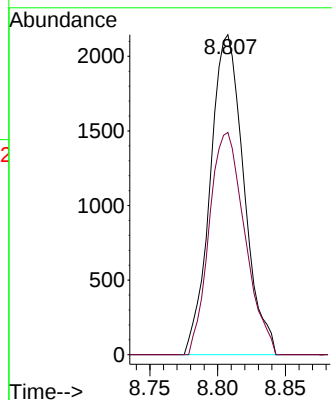
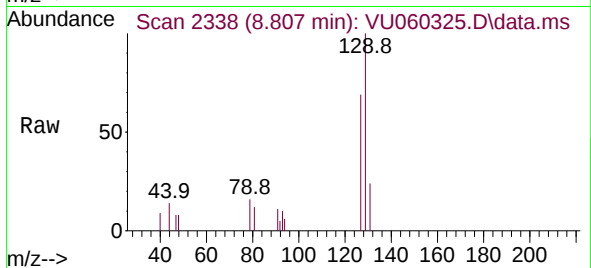
ClientSampleId :

Tgt Ion:129 Resp: 3704

Ion Ratio Lower Upper

129 100

127 73.4 61.6 92.4



#56

1,2-Dibromoethane

Concen: 0.217 ug/l

RT: 8.930 min Scan# 2376

Delta R.T. 0.010 min

Lab File: VU060325.D

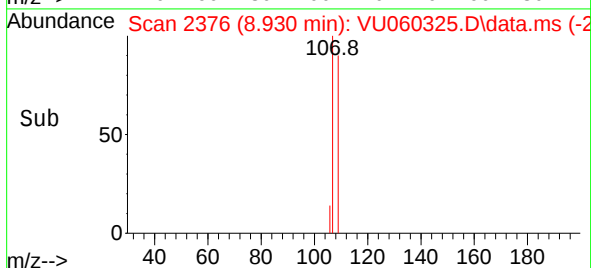
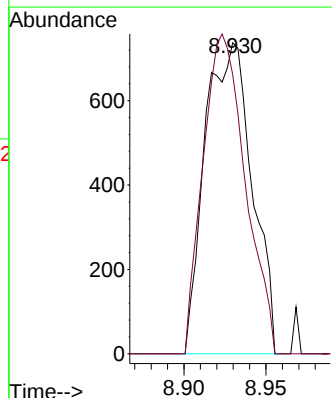
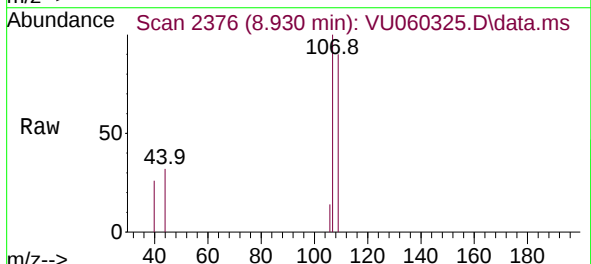
Acq: 06 Aug 2024 16:36

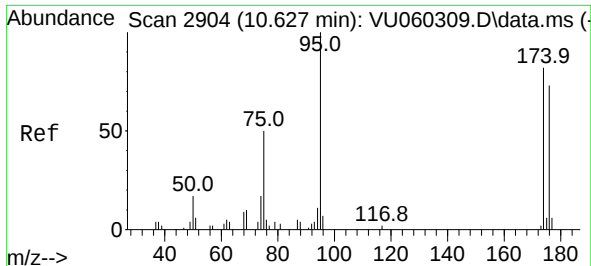
Tgt Ion:107 Resp: 1472

Ion Ratio Lower Upper

107 100

109 92.3 0.0 184.0





#57

4-Bromofluorobenzene

Concen: 0.858 ug/l

RT: 10.631 min Scan# 2905

Delta R.T. 0.003 min

Lab File: VU060325.D

Acq: 06 Aug 2024 16:36

Instrument :

MSVOA_U

ClientSampleId :

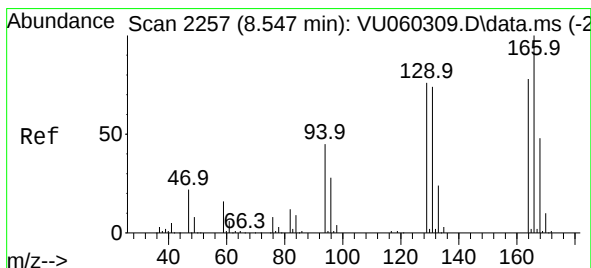
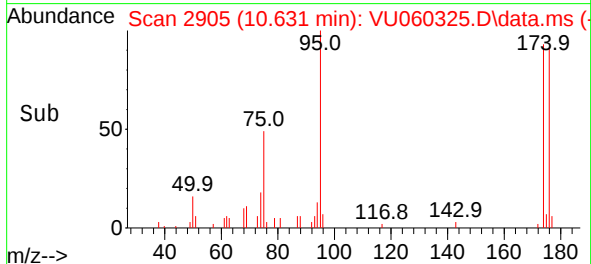
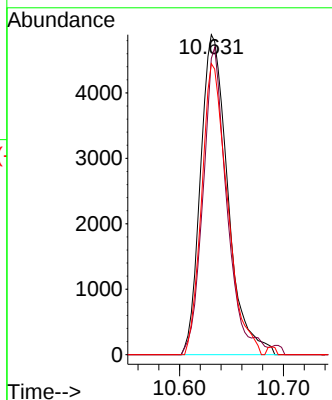
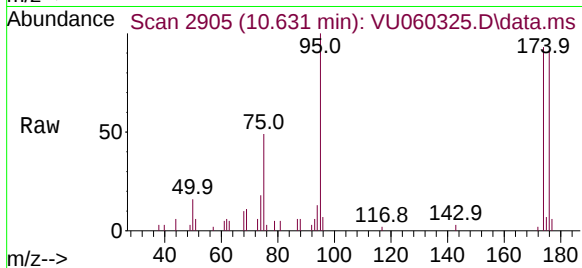
Tgt Ion: 95 Resp: 8909

Ion Ratio Lower Upper

95 100

174 83.7 65.6 98.4

176 85.8 60.4 90.6



#58

Tetrachloroethene

Concen: 0.271 ug/l

RT: 8.550 min Scan# 2258

Delta R.T. 0.003 min

Lab File: VU060325.D

Acq: 06 Aug 2024 16:36

Tgt Ion: 164 Resp: 2255

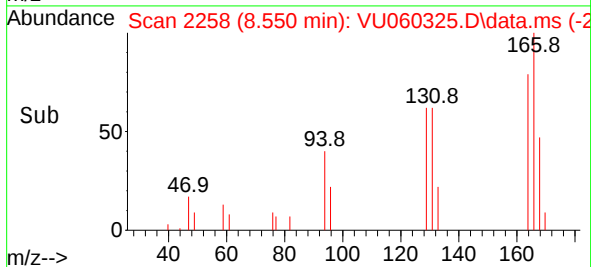
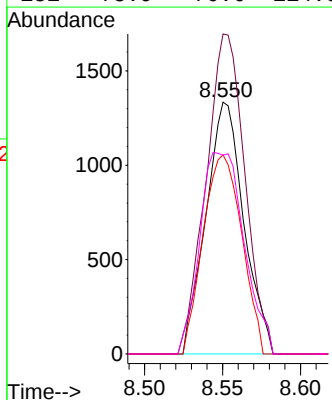
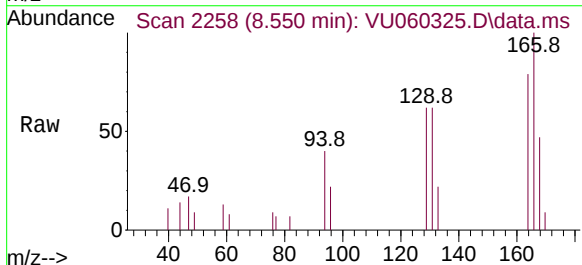
Ion Ratio Lower Upper

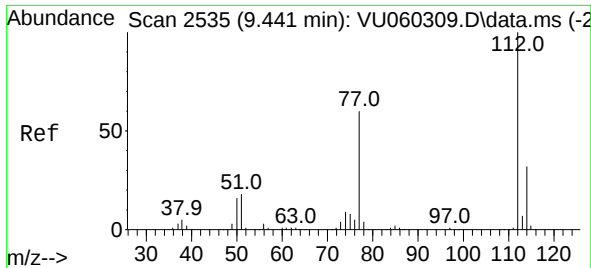
164 100

166 127.0 102.9 154.3

129 79.1 78.0 117.0

131 78.9 76.6 114.8

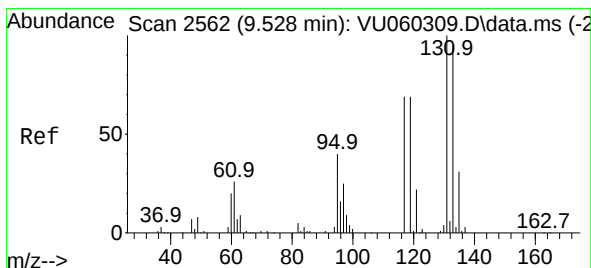
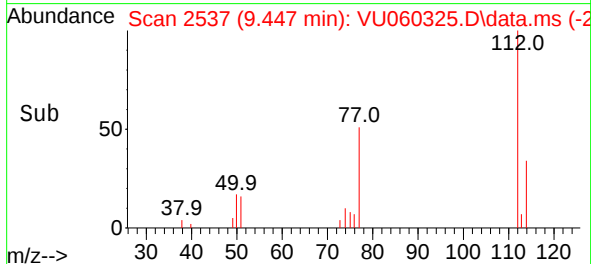
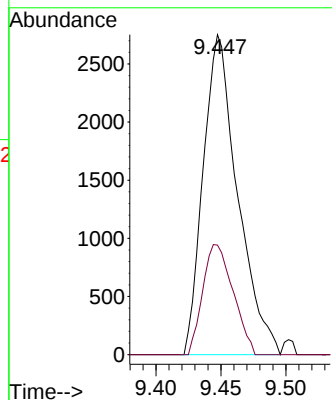
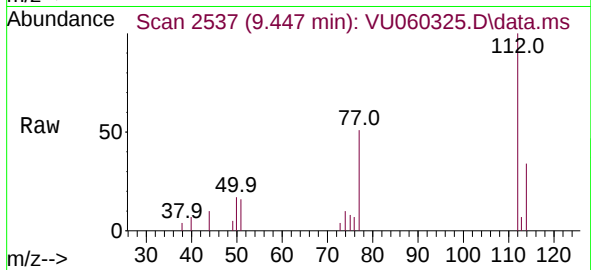




#59
Chlorobenzene
Concen: 0.224 ug/l
RT: 9.447 min Scan# 2537
Delta R.T. 0.006 min
Lab File: VU060325.D
Acq: 06 Aug 2024 16:36

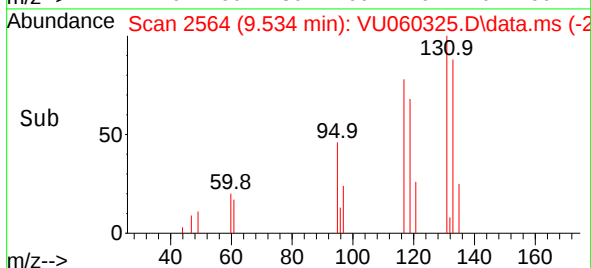
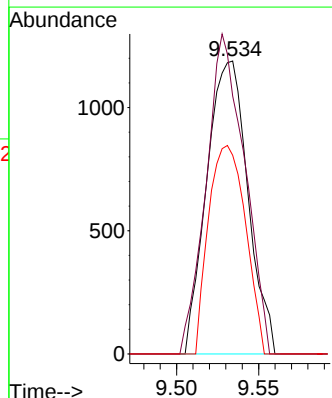
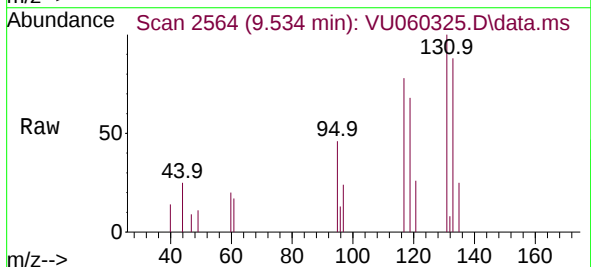
Instrument :
MSVOA_U
ClientSampleId :

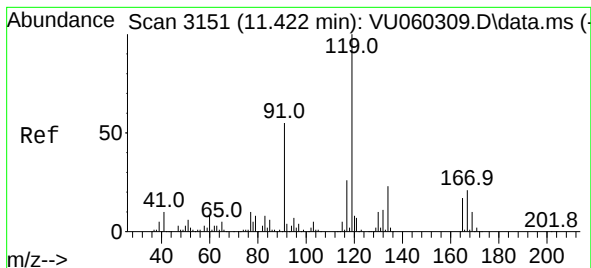
Tgt Ion:112 Resp: 5072
Ion Ratio Lower Upper
112 100
114 34.3 25.3 37.9



#60
1,1,1,2-Tetrachloroethane
Concen: 0.232 ug/l
RT: 9.534 min Scan# 2564
Delta R.T. 0.006 min
Lab File: VU060325.D
Acq: 06 Aug 2024 16:36

Tgt Ion:131 Resp: 2070
Ion Ratio Lower Upper
131 100
133 101.8 77.2 115.8
119 64.0 55.4 83.2





#61

Pentachloroethane

Concen: 0.241 ug/l

RT: 11.425 min Scan# 3151

Delta R.T. 0.003 min

Lab File: VU060325.D

Acq: 06 Aug 2024 16:36

Instrument :

MSVOA_U

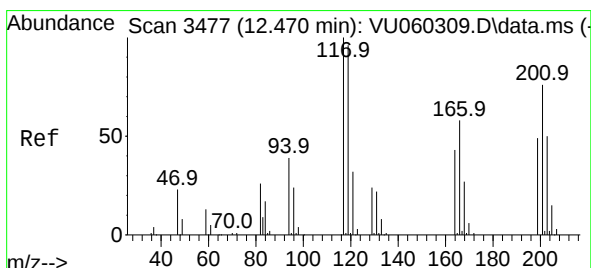
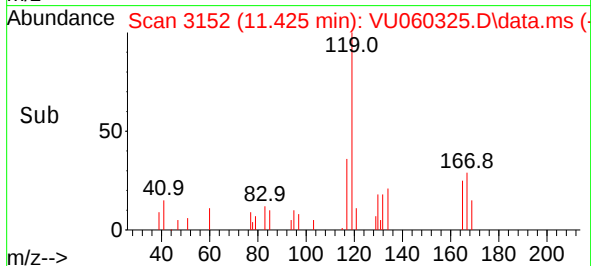
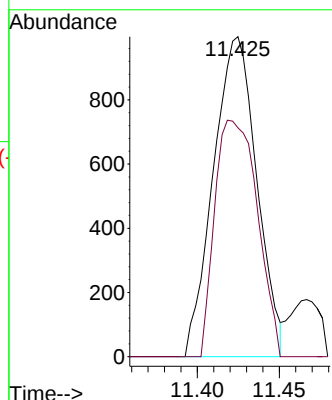
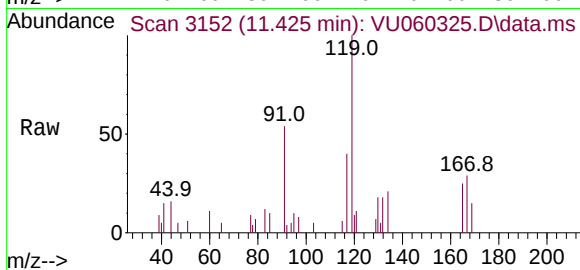
ClientSampleId :

Tgt Ion:117 Resp: 1833

Ion Ratio Lower Upper

117 100

167 72.3 62.2 93.4



#62

Hexachloroethane

Concen: 0.243 ug/l

RT: 12.467 min Scan# 3476

Delta R.T. -0.003 min

Lab File: VU060325.D

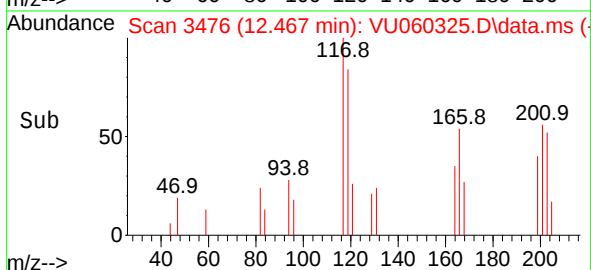
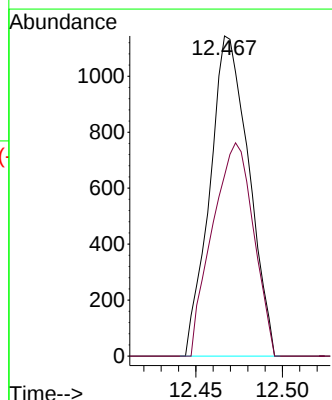
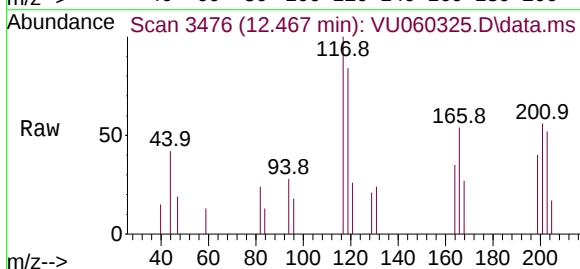
Acq: 06 Aug 2024 16:36

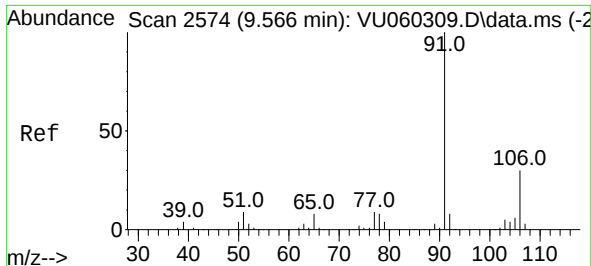
Tgt Ion:117 Resp: 1790

Ion Ratio Lower Upper

117 100

201 70.3 62.7 94.1

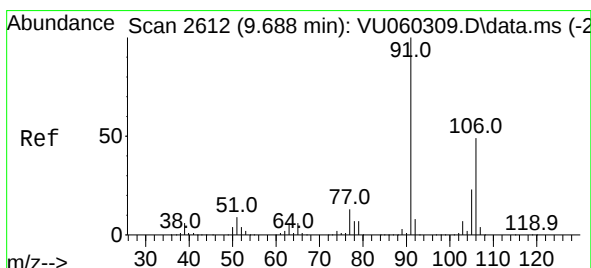
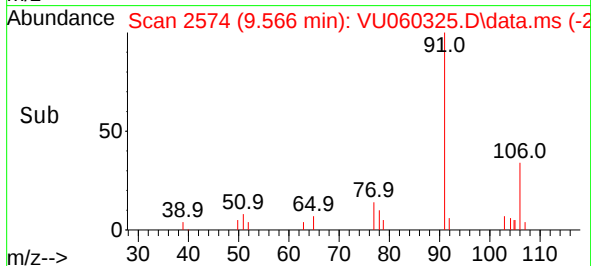
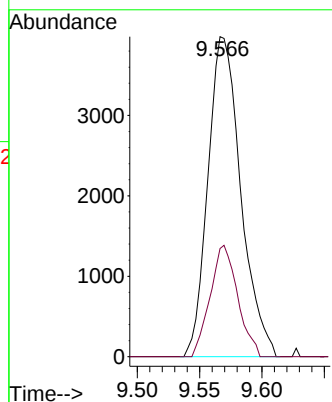
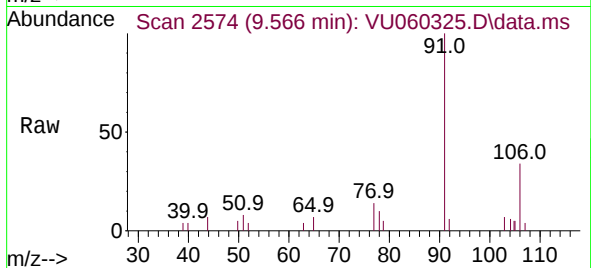




#63
Ethyl Benzene
Concen: 0.658 ug/l
RT: 9.566 min Scan# 2574
Delta R.T. 0.000 min
Lab File: VU060325.D
Acq: 06 Aug 2024 16:36

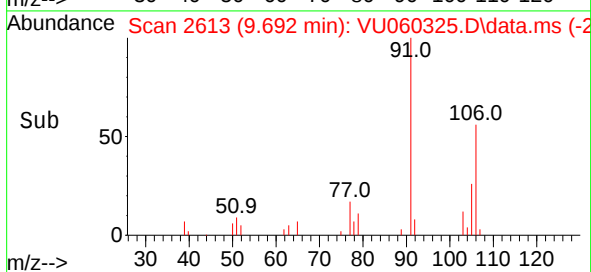
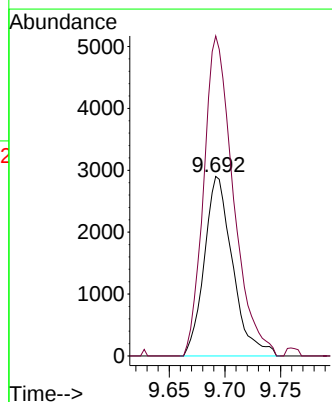
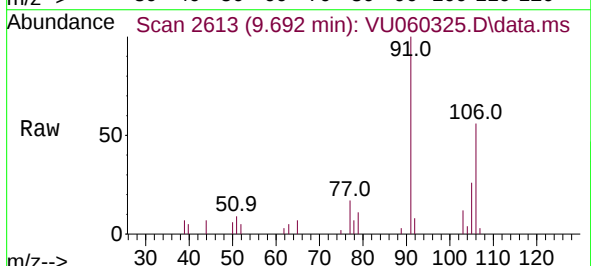
Instrument :
MSVOA_U
ClientSampleId :

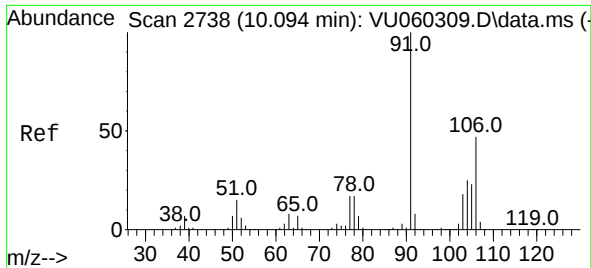
Tgt Ion: 91 Resp: 7304
Ion Ratio Lower Upper
91 100
106 33.8 24.4 36.6



#64
m/p-Xylenes
Concen: 1.178 ug/l
RT: 9.692 min Scan# 2613
Delta R.T. 0.004 min
Lab File: VU060325.D
Acq: 06 Aug 2024 16:36

Tgt Ion: 106 Resp: 5122
Ion Ratio Lower Upper
106 100
91 186.5 165.0 247.4

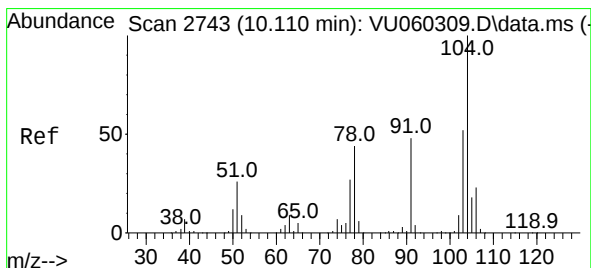
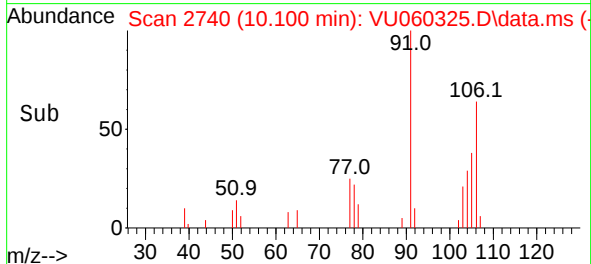
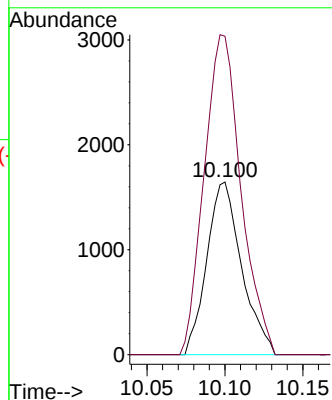
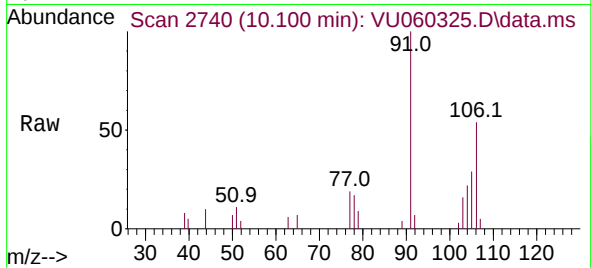




#65
o-Xylene
Concen: 0.591 ug/l
RT: 10.100 min Scan# 2738
Delta R.T. 0.006 min
Lab File: VU060325.D
Acq: 06 Aug 2024 16:36

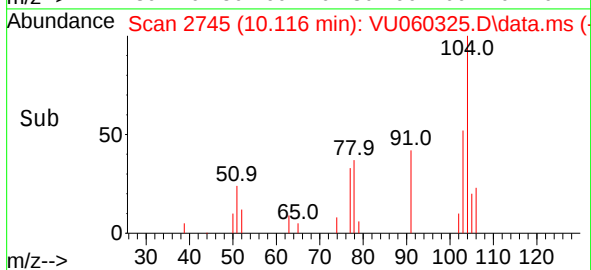
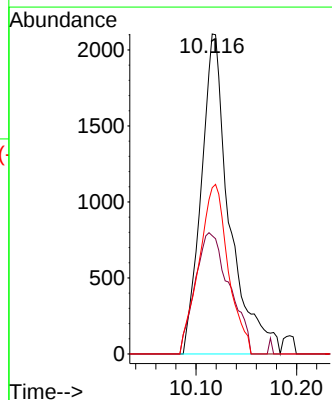
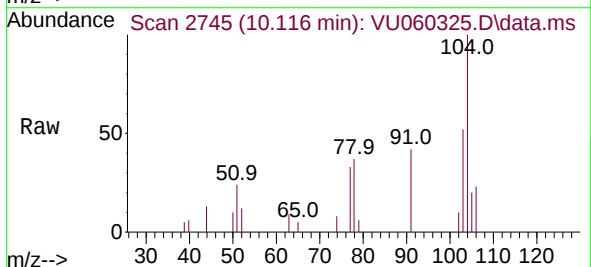
Instrument :
MSVOA_U
ClientSampleId :

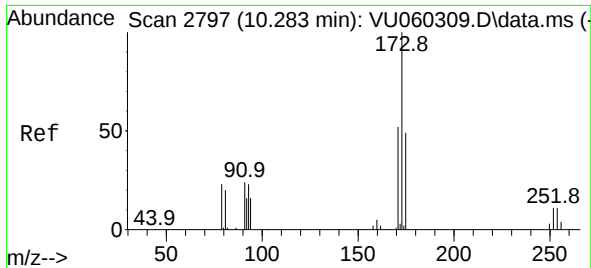
Tgt Ion:106 Resp: 2555
Ion Ratio Lower Upper
106 100
91 196.0 108.8 326.4



#66
Styrene
Concen: 0.609 ug/l
RT: 10.116 min Scan# 2745
Delta R.T. 0.006 min
Lab File: VU060325.D
Acq: 06 Aug 2024 16:36

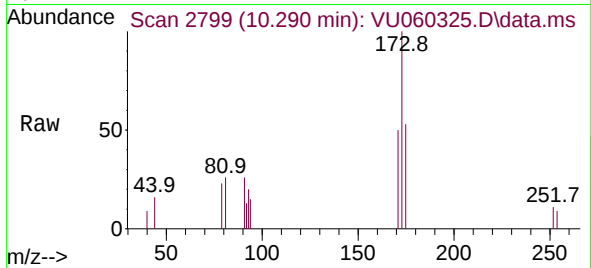
Tgt Ion:104 Resp: 4101
Ion Ratio Lower Upper
104 100
78 46.1 39.0 58.6
103 54.8 45.0 67.6



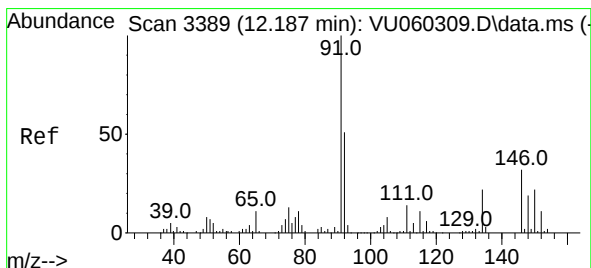
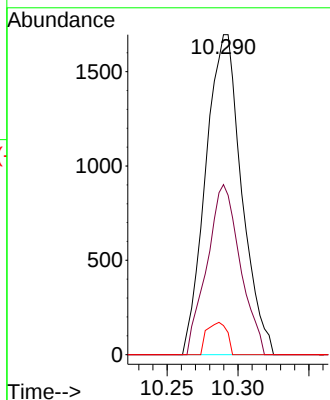
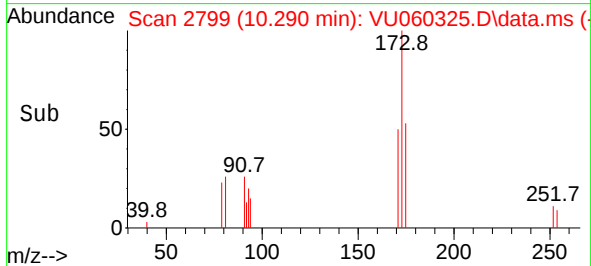


#67
Bromoform
Concen: 0.614 ug/l
RT: 10.290 min Scan# 21
Delta R.T. 0.007 min
Lab File: VU060325.D
Acq: 06 Aug 2024 16:36

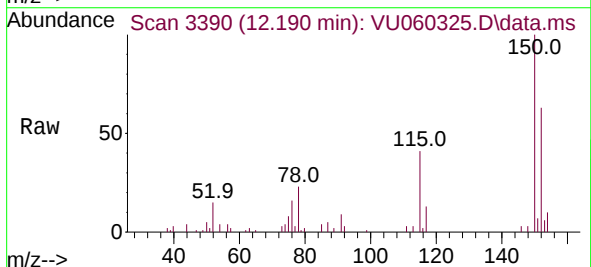
Instrument :
MSVOA_U
ClientSampleId :



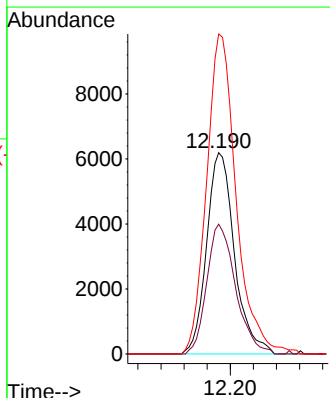
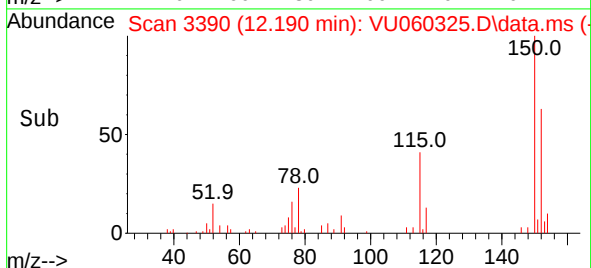
Tgt Ion:173 Resp: 2983
Ion Ratio Lower Upper
173 100
175 49.1 39.7 59.5
254 5.6 8.2 12.4#

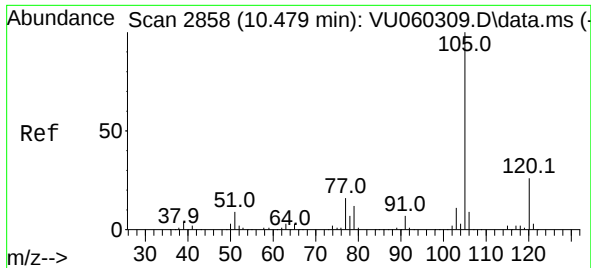


#68
1,2-Dichlorobenzene-d4
Concen: 0.919 ug/l
RT: 12.190 min Scan# 3390
Delta R.T. 0.003 min
Lab File: VU060325.D
Acq: 06 Aug 2024 16:36



Tgt Ion:152 Resp: 10369
Ion Ratio Lower Upper
152 100
115 66.6 0.0 325.2
150 168.8 0.0 684.2

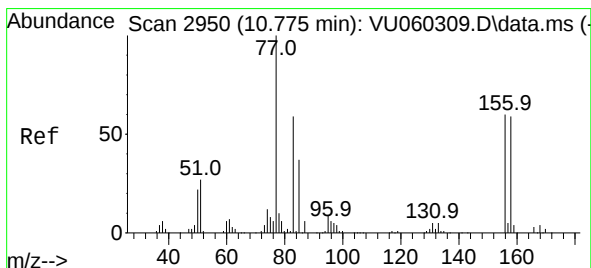
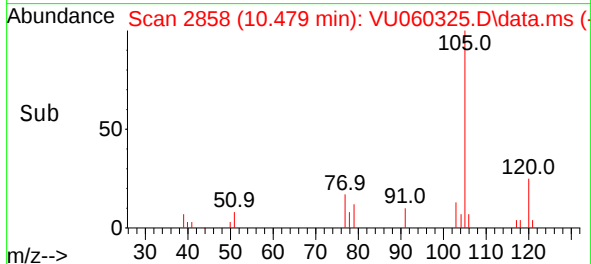
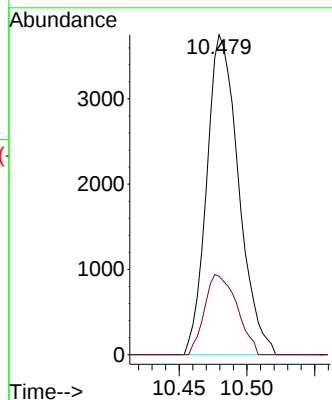
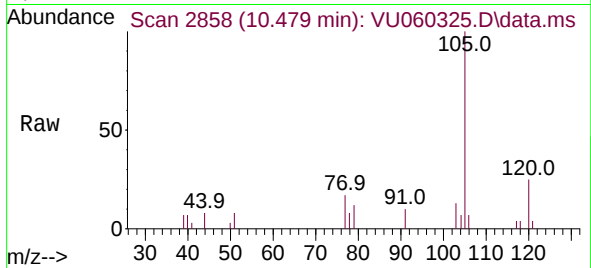




#69
Isopropylbenzene
Concen: 0.612 ug/l
RT: 10.479 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU060325.D
Acq: 06 Aug 2024 16:36

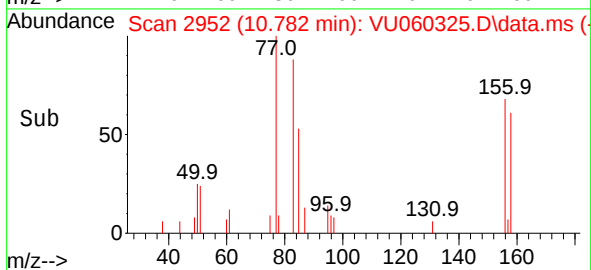
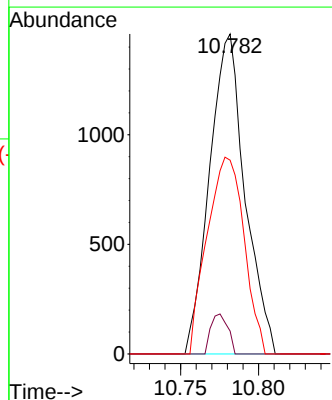
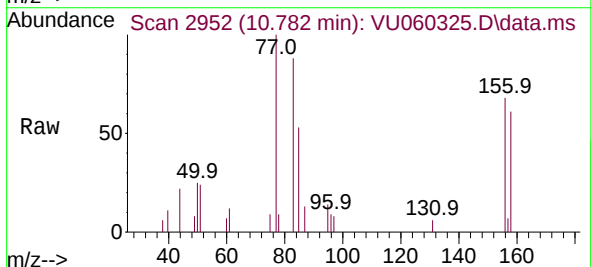
Instrument :
MSVOA_U
ClientSampleId :

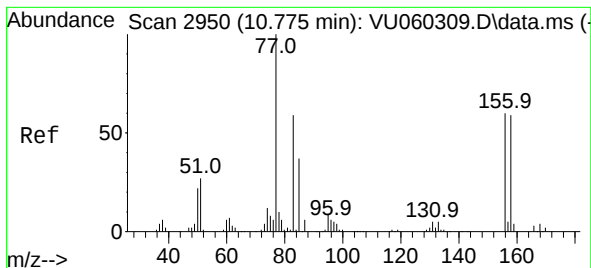
Tgt Ion:105 Resp: 6139
Ion Ratio Lower Upper
105 100
120 25.4 13.0 39.0



#70
1,1,2,2-Tetrachloroethane
Concen: 0.229 ug/l
RT: 10.782 min Scan# 2952
Delta R.T. 0.006 min
Lab File: VU060325.D
Acq: 06 Aug 2024 16:36

Tgt Ion: 83 Resp: 2304
Ion Ratio Lower Upper
83 100
131 6.0 7.1 10.7#
85 64.1 50.9 76.3





#72

Bromobenzene

Concen: 0.230 ug/l

RT: 10.785 min Scan# 2950

Delta R.T. 0.010 min

Lab File: VU060325.D

Acq: 06 Aug 2024 16:36

Instrument :

MSVOA_U

ClientSampleId :

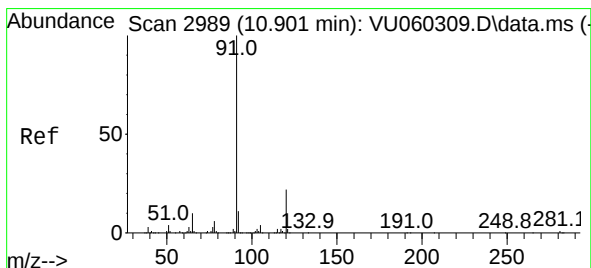
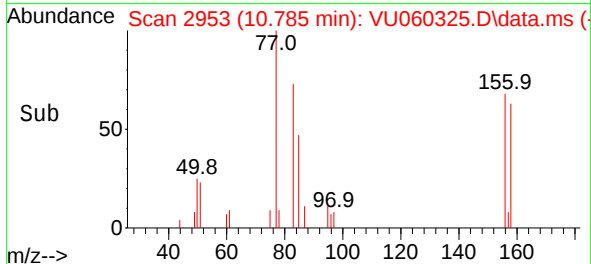
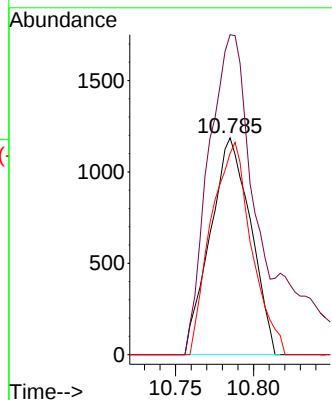
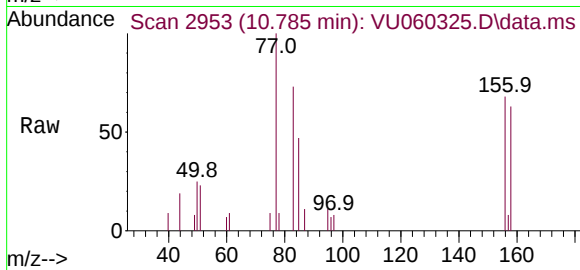
Tgt Ion:156 Resp: 2138

Ion Ratio Lower Upper

156 100

77 160.6 0.0 327.2

158 97.8 0.0 193.8



#73

n-propylbenzene

Concen: 0.638 ug/l

RT: 10.904 min Scan# 2990

Delta R.T. 0.003 min

Lab File: VU060325.D

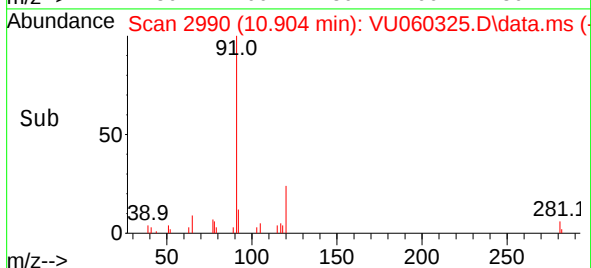
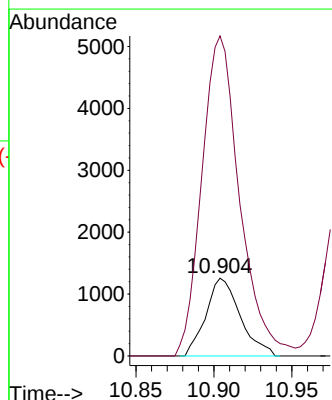
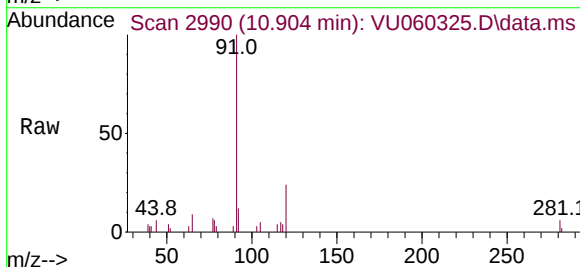
Acq: 06 Aug 2024 16:36

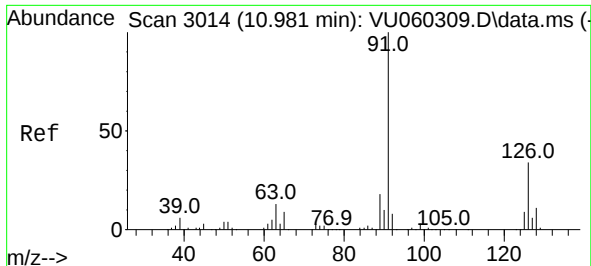
Tgt Ion:120 Resp: 1927

Ion Ratio Lower Upper

120 100

91 452.9 362.2 543.2

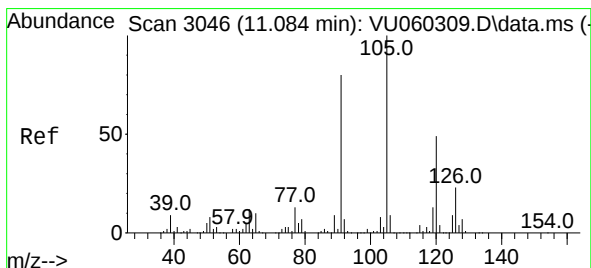
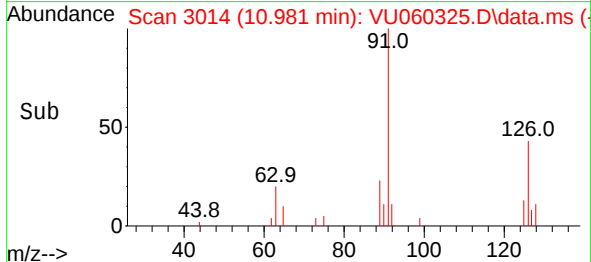
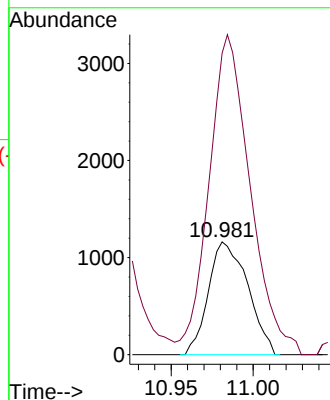
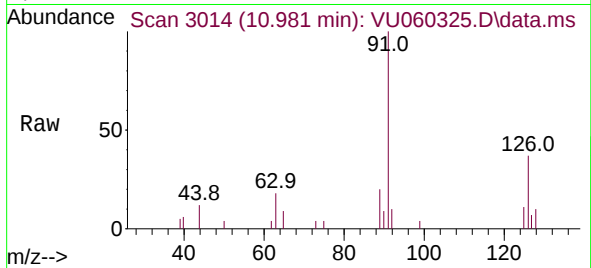




#74
2-Chlorotoluene
Concen: 0.489 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.000 min
Lab File: VU060325.D
Acq: 06 Aug 2024 16:36

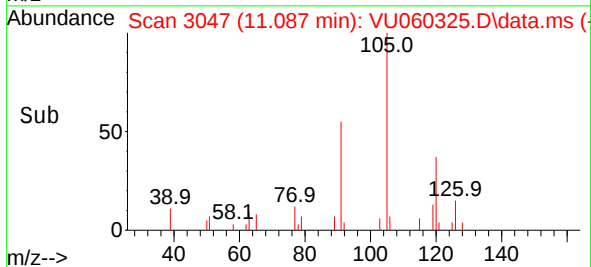
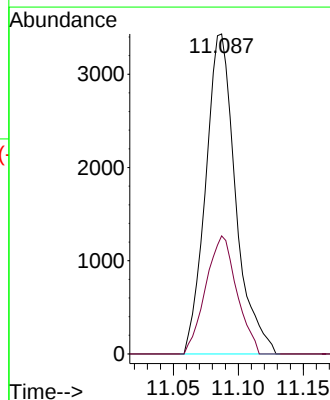
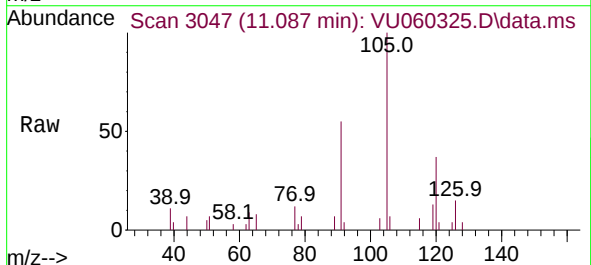
Instrument :
MSVOA_U
ClientSampleId :

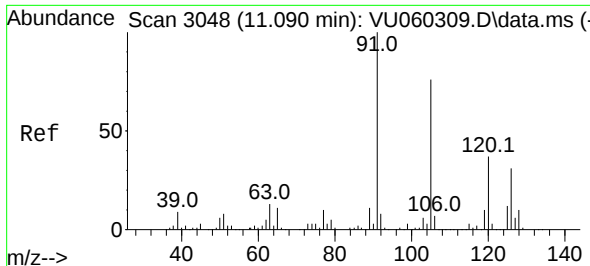
Tgt Ion:126 Resp: 1935
Ion Ratio Lower Upper
126 100
91 297.6 0.0 585.6



#75
1,3,5-Trimethylbenzene
Concen: 0.595 ug/l
RT: 11.087 min Scan# 3047
Delta R.T. 0.003 min
Lab File: VU060325.D
Acq: 06 Aug 2024 16:36

Tgt Ion:105 Resp: 5502
Ion Ratio Lower Upper
105 100
120 38.2 38.6 57.8#





#76

4-Chlorotoluene

Concen: 0.489 ug/l

RT: 11.100 min Scan# 3048

Delta R.T. 0.010 min

Lab File: VU060325.D

Acq: 06 Aug 2024 16:36

Instrument :

MSVOA_U

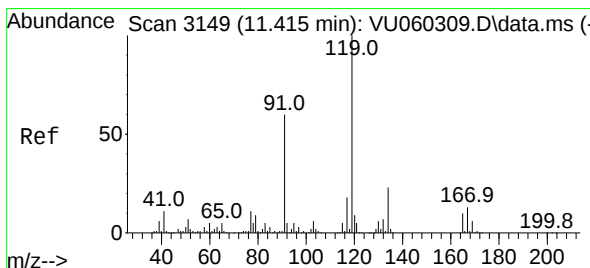
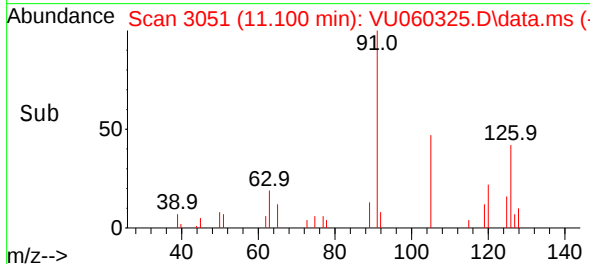
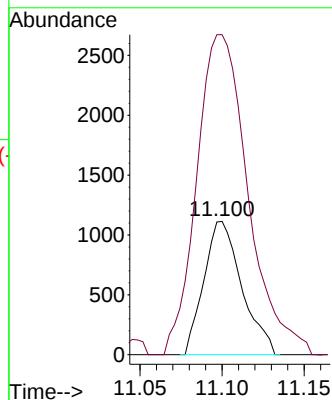
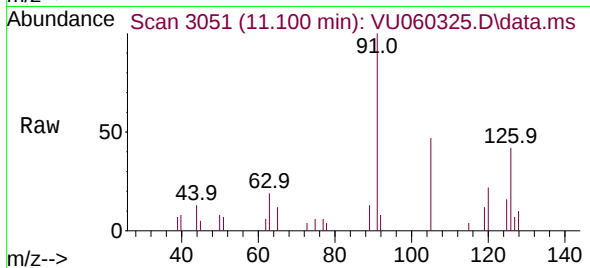
ClientSampleId :

Tgt Ion:126 Resp: 1787

Ion Ratio Lower Upper

126 100

91 325.3 0.0 669.4



#77

tert-Butylbenzene

Concen: 0.602 ug/l

RT: 11.418 min Scan# 3150

Delta R.T. 0.003 min

Lab File: VU060325.D

Acq: 06 Aug 2024 16:36

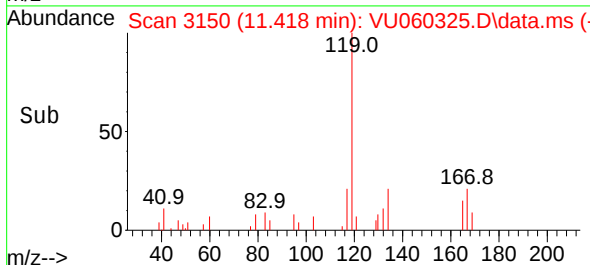
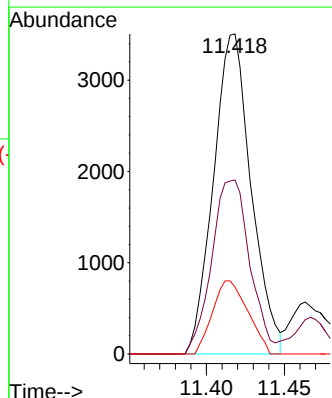
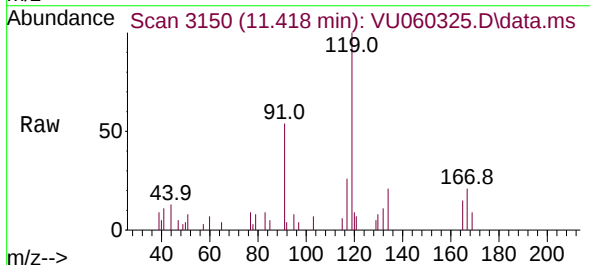
Tgt Ion:119 Resp: 5904

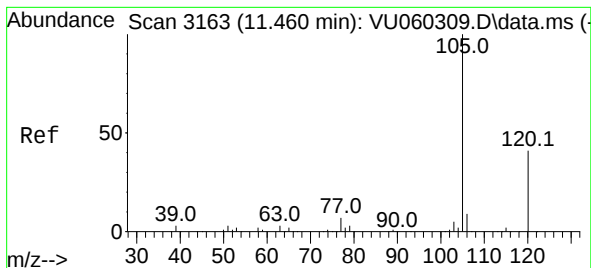
Ion Ratio Lower Upper

119 100

91 54.8 29.0 87.1

134 21.3 17.8 26.8





#78

1,2,4-Trimethylbenzene

Concen: 0.627 ug/l

RT: 11.467 min Scan# 3163

Delta R.T. 0.007 min

Lab File: VU060325.D

Acq: 06 Aug 2024 16:36

Instrument :

MSVOA_U

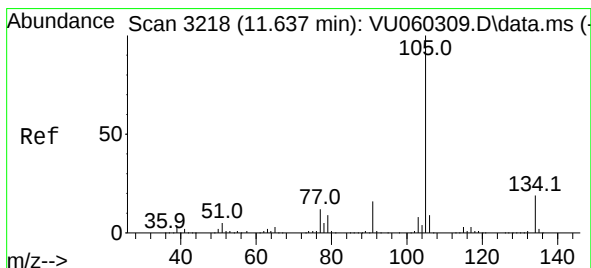
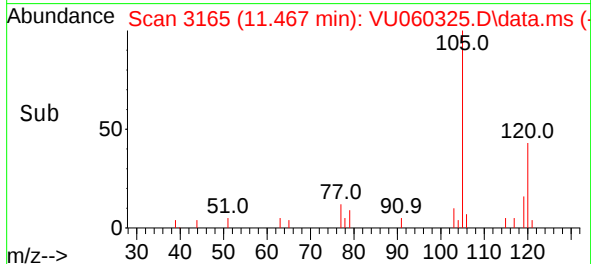
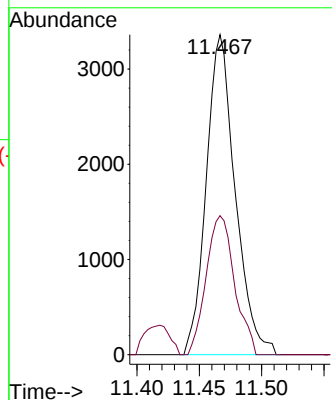
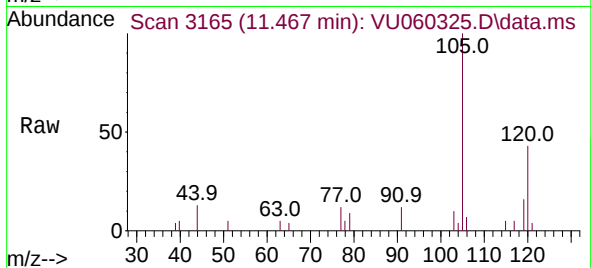
ClientSampleId :

Tgt Ion:105 Resp: 5425

Ion Ratio Lower Upper

105 100

120 42.7 22.6 67.7



#79

sec-Butylbenzene

Concen: 0.586 ug/l

RT: 11.640 min Scan# 3219

Delta R.T. 0.003 min

Lab File: VU060325.D

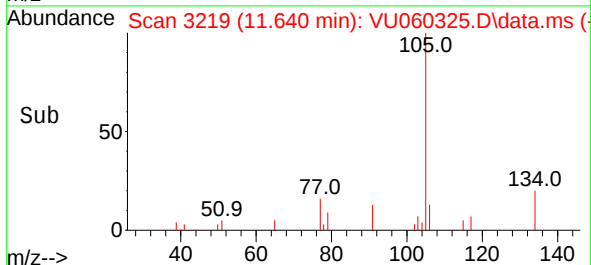
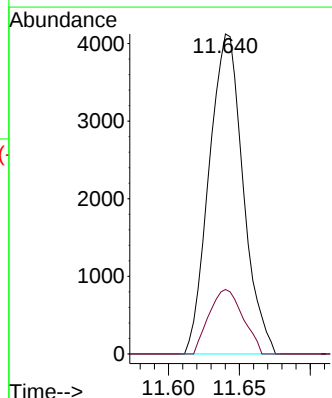
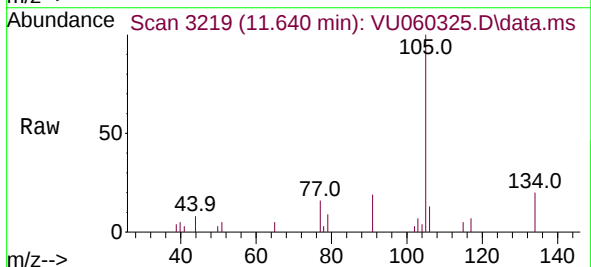
Acq: 06 Aug 2024 16:36

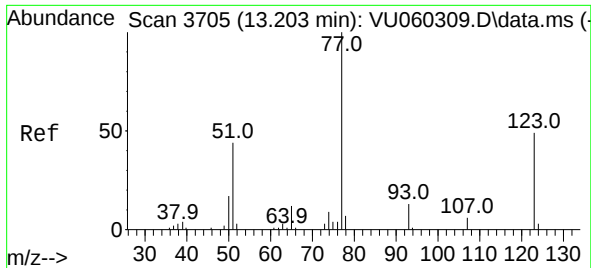
Tgt Ion:105 Resp: 6877

Ion Ratio Lower Upper

105 100

134 20.1 15.5 23.3

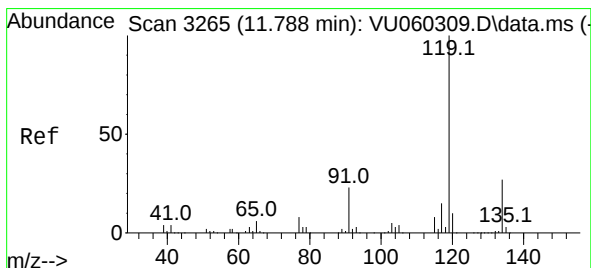
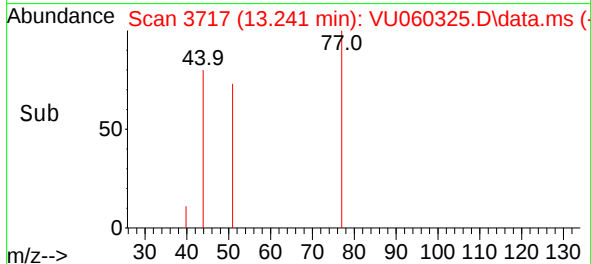
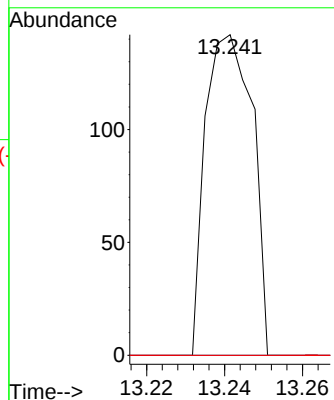
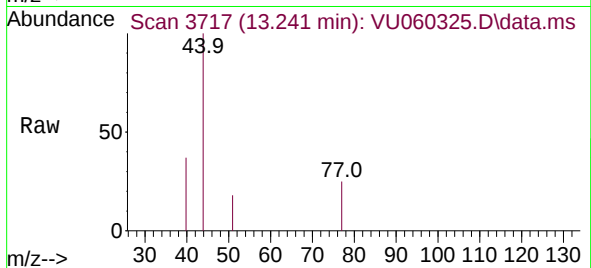




#80
Nitrobenzene
Concen: 0.269 ug/l
RT: 13.241 min Scan# 31
Delta R.T. 0.038 min
Lab File: VU060325.D
Acq: 06 Aug 2024 16:36

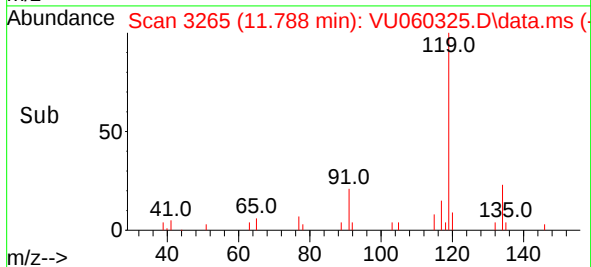
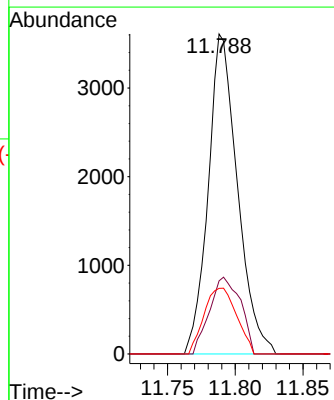
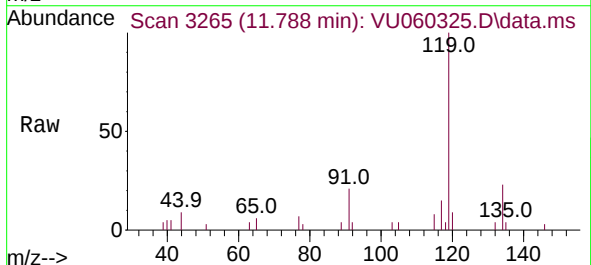
Instrument :
MSVOA_U
ClientSampleId :

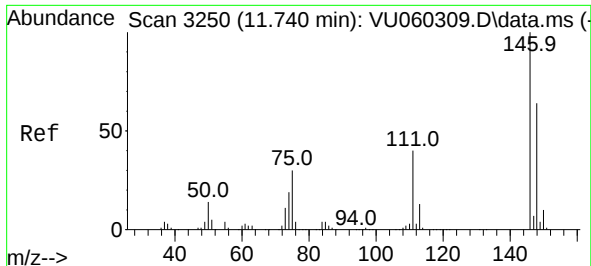
Tgt Ion: 77 Resp: 119
Ion Ratio Lower Upper
77 100
123 0.0 19.6 69.6#
65 0.0 9.0 11.4#



#81
p-Isopropyltoluene
Concen: 0.645 ug/l
RT: 11.788 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU060325.D
Acq: 06 Aug 2024 16:36

Tgt Ion: 119 Resp: 5421
Ion Ratio Lower Upper
119 100
134 25.4 21.2 31.8
91 22.8 18.9 28.3





#82

1,3-Dichlorobenzene

Concen: 0.284 ug/l

RT: 11.746 min Scan# 3250

Delta R.T. 0.006 min

Lab File: VU060325.D

Acq: 06 Aug 2024 16:36

Instrument :

MSVOA_U

ClientSampleId :

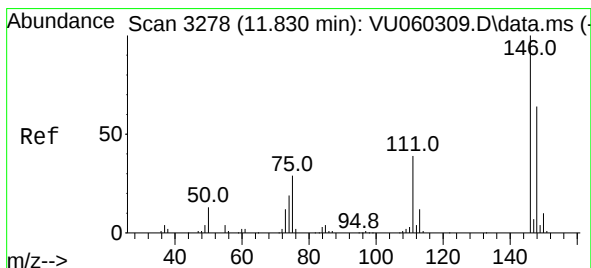
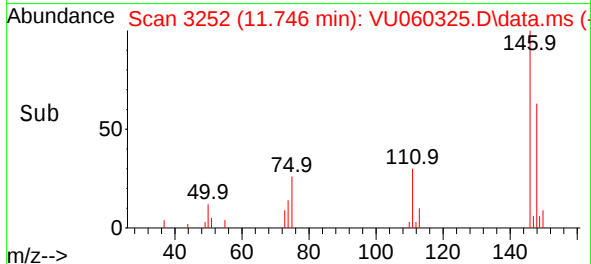
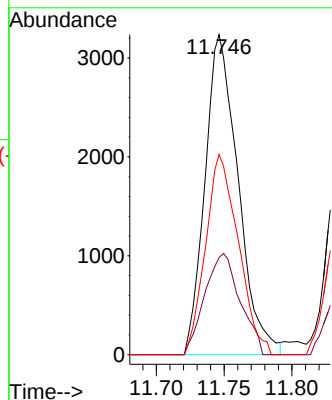
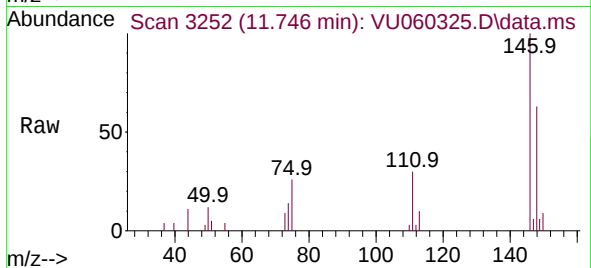
Tgt Ion:146 Resp: 5499

Ion Ratio Lower Upper

146 100

111 33.8 32.0 48.0

148 61.8 51.4 77.0



#83

1,4-Dichlorobenzene

Concen: 0.207 ug/l

RT: 11.840 min Scan# 3281

Delta R.T. 0.010 min

Lab File: VU060325.D

Acq: 06 Aug 2024 16:36

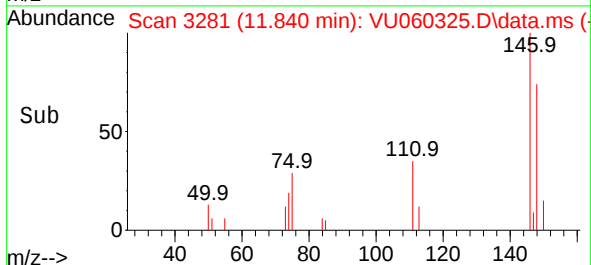
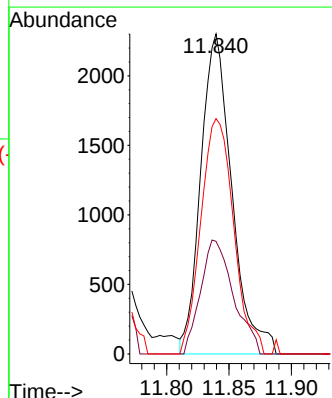
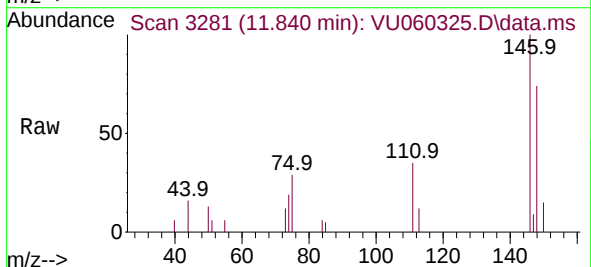
Tgt Ion:146 Resp: 3990

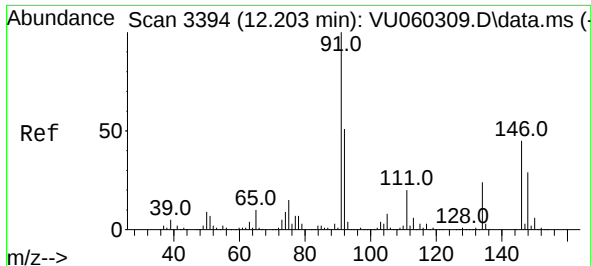
Ion Ratio Lower Upper

146 100

111 37.6 30.9 46.3

148 77.4 51.8 77.6

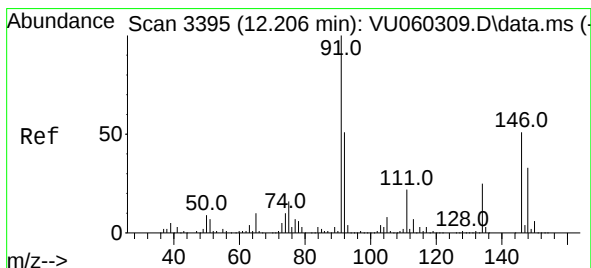
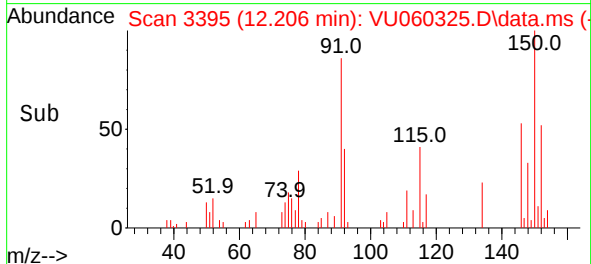
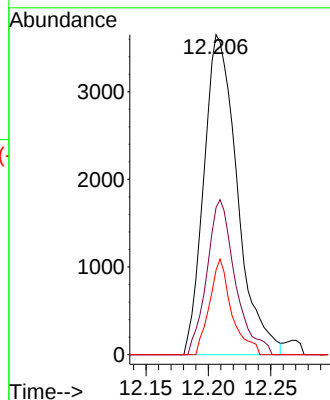
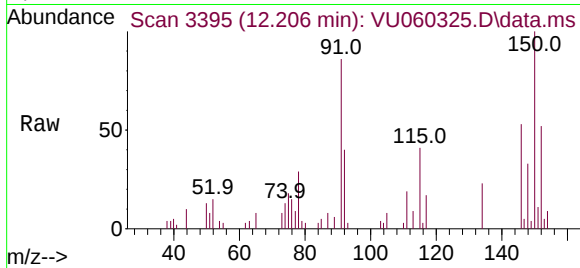




#84
n-Butylbenzene
Concen: 0.673 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. 0.003 min
Lab File: VU060325.D
Acq: 06 Aug 2024 16:36

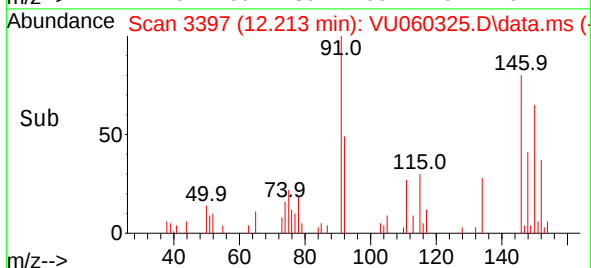
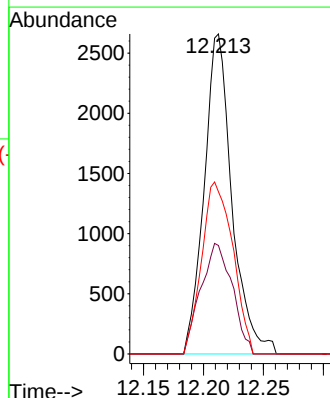
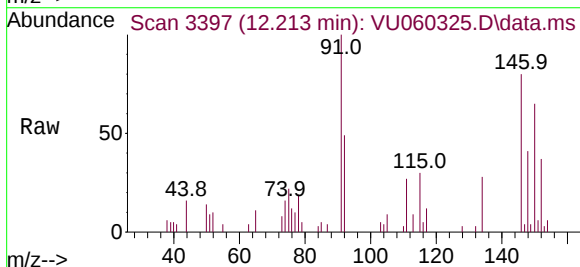
Instrument :
MSVOA_U
ClientSampleId :

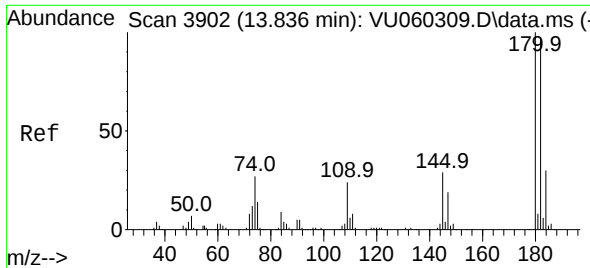
Tgt Ion: 91 Resp: 6801
Ion Ratio Lower Upper
91 100
92 41.0 41.0 61.6#
134 19.8 19.4 29.2



#85
1,2-Dichlorobenzene
Concen: 0.229 ug/l
RT: 12.213 min Scan# 3397
Delta R.T. 0.007 min
Lab File: VU060325.D
Acq: 06 Aug 2024 16:36

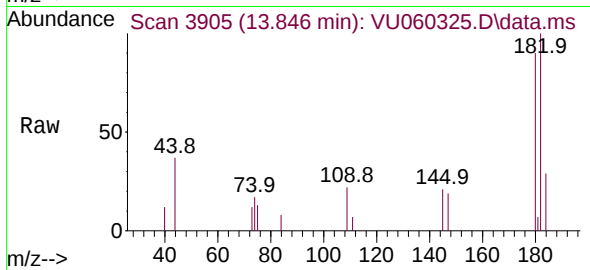
Tgt Ion: 146 Resp: 4289
Ion Ratio Lower Upper
146 100
111 38.9 21.3 63.7
148 60.1 32.0 96.0



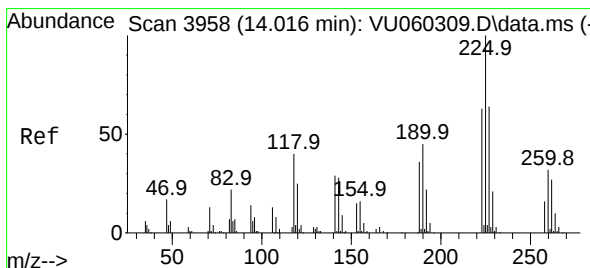
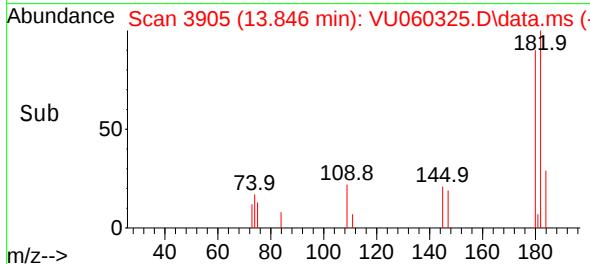
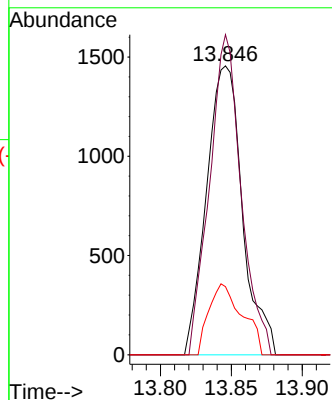


#87
 1,2,4-Trichlorobenzene
 Concen: 0.240 ug/l
 RT: 13.846 min Scan# 3905
 Delta R.T. 0.010 min
 Lab File: VU060325.D
 Acq: 06 Aug 2024 16:36

Instrument :
 MSVOA_U
 ClientSampleId :

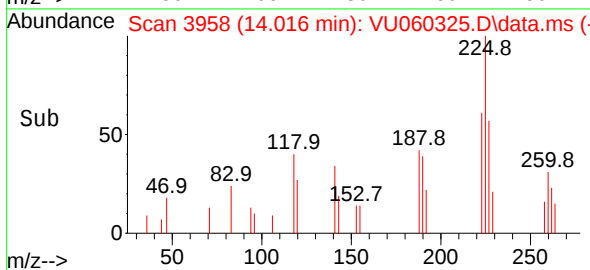
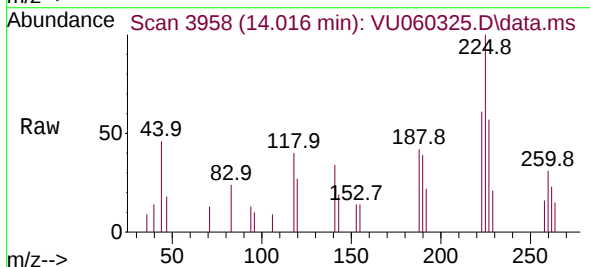
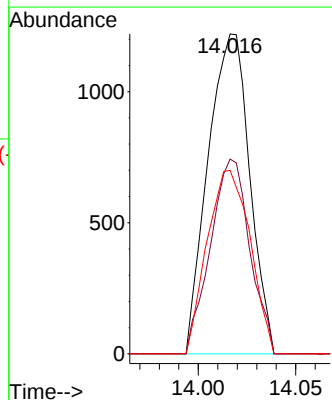


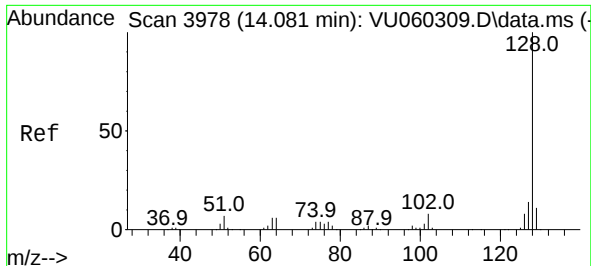
Tgt Ion:180 Resp: 2572
 Ion Ratio Lower Upper
 180 100
 182 97.0 76.8 115.2
 145 22.7 23.4 35.0#



#88
 Hexachlorobutadiene
 Concen: 0.261 ug/l
 RT: 14.016 min Scan# 3958
 Delta R.T. -0.000 min
 Lab File: VU060325.D
 Acq: 06 Aug 2024 16:36

Tgt Ion:225 Resp: 1810
 Ion Ratio Lower Upper
 225 100
 223 57.6 50.8 76.2
 227 59.2 50.8 76.2





#89

Naphthalene

Concen: 0.473 ug/l

RT: 14.093 min Scan# 3978

Delta R.T. 0.012 min

Lab File: VU060325.D

Acq: 06 Aug 2024 16:36

Instrument :

MSVOA_U

ClientSampleId :

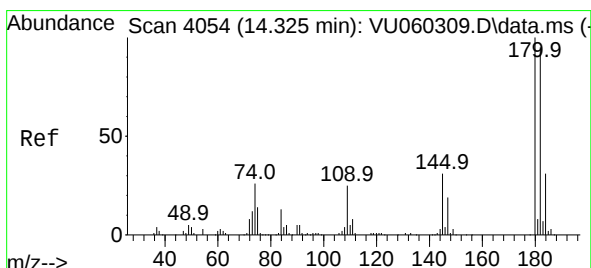
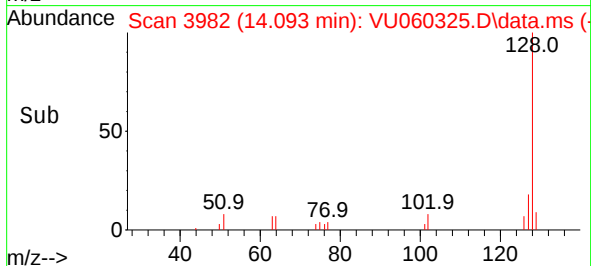
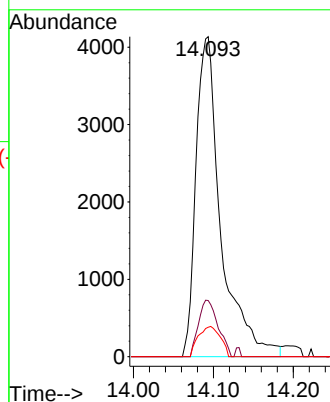
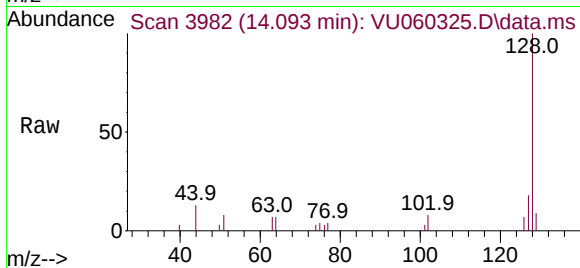
Tgt Ion:128 Resp: 8977

Ion Ratio Lower Upper

128 100

127 13.9 11.0 16.4

129 8.4 8.6 12.8#



#90

1,2,3-Trichlorobenzene

Concen: 0.633 ug/l

RT: 14.328 min Scan# 4055

Delta R.T. 0.003 min

Lab File: VU060325.D

Acq: 06 Aug 2024 16:36

Tgt Ion:180 Resp: 6627

Ion Ratio Lower Upper

180 100

182 97.5 76.1 114.1

145 31.6 25.0 37.6

