

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102124\
 Data File : VU061174.D
 Acq On : 21 Oct 2024 16:06
 Operator : MD/SY
 Sample : P4368-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 22 01:38:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101724DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Oct 22 01:35:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.110	96	25103	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	12687	0.951	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	12510	0.952	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.384	85	5265	0.381	ug/l	100
3) Chloromethane	1.515	50	5687	0.432	ug/l	98
4) Vinyl Chloride	1.599	62	5312	0.393	ug/l	94
5) Bromomethane	1.853	94	3430	0.404	ug/l	98
6) Chloroethane	1.930	64	3785	0.418	ug/l	100
7) Trichlorofluoromethane	2.136	101	7081	0.368	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	3725	0.390	ug/l	99
9) 1,1-Dichloroethene	2.576	96	4099	0.412	ug/l	82
10) Iodomethane	2.715	142	4079	0.344	ug/l	99
11) Allyl Chloride	2.920	41	4929	0.384	ug/l	97
12) Acrylonitrile	3.342	53	412	0.206	ug/l	# 8
13) Acetone	2.644	43	5611	2.148	ug/l	95
14) Carbon Disulfide	2.789	76	12937	0.377	ug/l	97
15) Methylene Chloride	3.043	84	5363	0.416	ug/l	92
16) trans-1,2-Dichloroethene	3.351	96	4496	0.385	ug/l	94
17) 1,1-Dichloroethane	3.859	63	7855	0.379	ug/l	96
18) 2-Butanone	4.744	43	1781	0.557	ug/l	99
19) Cyclohexane	5.377	56	6428	0.346	ug/l	91
20) Methylcyclohexane	6.753	83	7084	0.342	ug/l	96
21) 2,2-Dichloropropane	4.657	77	7242	0.379	ug/l	98
22) cis-1,2-Dichloroethene	4.666	96	4920	0.387	ug/l	95
23) Diethyl Ether	2.374	59	2918	0.377	ug/l	# 89
24) tert-Butyl Alcohol	3.232	59	1850	2.291	ug/l	# 88
25) Methyl tert-Butyl Ether	3.361	73	9768	0.366	ug/l	96
26) Bromochloromethane	4.975	128	1948	0.366	ug/l	95
27) Chloroform	5.081	83	8823	0.406	ug/l	95
28) 1,1,1-Trichloroethane	5.306	97	7244	0.378	ug/l	98
29) 1,1-Dichloropropene	5.525	75	6250	0.369	ug/l	96
30) Carbon Tetrachloride	5.515	117	6201	0.373	ug/l	93
31) Isopropyl Ether	3.985	45	10767	0.364	ug/l	98
32) Ethyl-t-butyl ether	4.493	59	11926	0.393	ug/l	95
33) Tert-Amyl methyl ether	5.933	73	10471	0.383	ug/l	97
34) Propionitrile	4.821	54	256	0.335	ug/l	# 67
35) Benzene	5.772	78	19402	0.407	ug/l	100
36) 1,2-Dichloroethane	5.795	62	5107	0.380	ug/l	# 92
37) Trichloroethene	6.541	130	4993	0.393	ug/l	98
38) 1,2-Dichloropropane	6.788	63	4870	0.404	ug/l	97
39) Methacrylonitrile	5.001	41	579	0.211	ug/l	# 81
40) Methyl acrylate	4.904	55	607	0.109	ug/l	# 72
41) Tetrahydrofuran	5.075	42	676	0.410	ug/l	96
42) 1-Chlorobutane	5.451	56	7897	0.364	ug/l	95
43) Dibromomethane	6.917	93	2441	0.390	ug/l	# 82
44) Bromodichloromethane	7.100	83	5911	0.388	ug/l	# 98

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 ALS Vial : 10 Sample Multiplier: 1

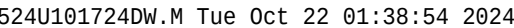
Instrument :
 MSVOA_U
 ClientSampleId :

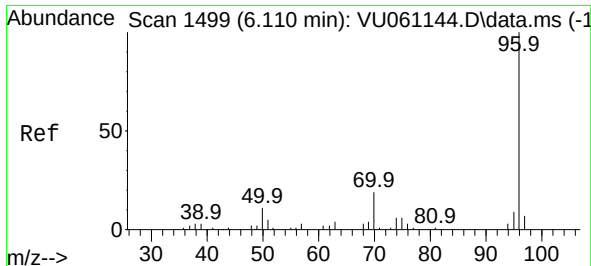
Quant Time: Oct 22 01:38:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101724DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Oct 22 01:35:52 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.792	43	11475	1.827	ug/l	95
46) t-1,4-Dichloro-2-butene	10.817	75	4237	1.691	ug/l #	47
47) Methyl methacrylate	6.965	69	3747	0.689	ug/l	93
48) Ethyl methacrylate	8.338	69	3774	0.325	ug/l	94
49) Toluene	7.968	92	11154	0.371	ug/l	88
50) t-1,3-Dichloropropene	8.210	75	5257	0.358	ug/l	100
51) cis-1,3-Dichloropropene	7.608	75	6597	0.366	ug/l	95
52) 1,1,2-Trichloroethane	8.393	97	3361	0.398	ug/l	97
53) 1,3-Dichloropropane	8.570	76	5768	0.389	ug/l	100
54) 2-Hexanone	8.692	43	7762	1.504	ug/l	94
55) Dibromochloromethane	8.801	129	3557	0.357	ug/l	98
56) 1,2-Dibromoethane	8.923	107	2784	0.344	ug/l	88
58) Tetrachloroethene	8.547	164	4140	0.384	ug/l	97
59) Chlorobenzene	9.444	112	12683	0.391	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.528	131	4188	0.383	ug/l	97
61) Pentachloroethane	11.415	117	3193	0.381	ug/l	93
62) Hexachloroethane	12.467	117	2892	0.335	ug/l	93
63) Ethyl Benzene	9.566	91	22235	0.383	ug/l	98
64) m/p-Xylenes	9.689	106	16275	0.736	ug/l	99
65) o-Xylene	10.094	106	8244	0.379	ug/l	98
66) Styrene	10.116	104	12374	0.365	ug/l	99
67) Bromoform	10.283	173	1779	0.341	ug/l #	97
69) Isopropylbenzene	10.480	105	18454	0.356	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.772	83	3755	0.366	ug/l #	92
71) 1,2,3-Trichloropropane	10.817	75	4237	0.508	ug/l #	82
72) Bromobenzene	10.782	156	4688	0.376	ug/l	88
73) n-propylbenzene	10.901	120	5133	0.340	ug/l	97
74) 2-Chlorotoluene	10.981	126	4503	0.344	ug/l	97
75) 1,3,5-Trimethylbenzene	11.081	105	16704	0.358	ug/l	100
76) 4-Chlorotoluene	11.097	126	4534	0.341	ug/l	86
77) tert-Butylbenzene	11.412	119	16972	0.368	ug/l	98
78) 1,2,4-Trimethylbenzene	11.464	105	15897	0.337	ug/l	98
79) sec-Butylbenzene	11.637	105	20490	0.341	ug/l	99
80) Nitrobenzene	13.245	77	107	0.477	ug/l #	47
81) p-Isopropyltoluene	11.785	119	16642	0.334	ug/l	100
82) 1,3-Dichlorobenzene	11.746	146	8463	0.354	ug/l	98
83) 1,4-Dichlorobenzene	11.836	146	8664	0.364	ug/l	97
84) n-Butylbenzene	12.206	91	14353	0.311	ug/l	97
85) 1,2-Dichlorobenzene	12.209	146	8328	0.373	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	13.004	75	509	0.335	ug/l	93
87) 1,2,4-Trichlorobenzene	13.843	180	4114	0.322	ug/l	97
88) Hexachlorobutadiene	14.013	225	2453	0.339	ug/l	98
89) Naphthalene	14.097	128	7165	0.318	ug/l #	85
90) 1,2,3-Trichlorobenzene	14.328	180	3878	0.338	ug/l	93

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

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QLast Update : Tue Oct 22 01:35:52 2024
Response via : Initial Calibration

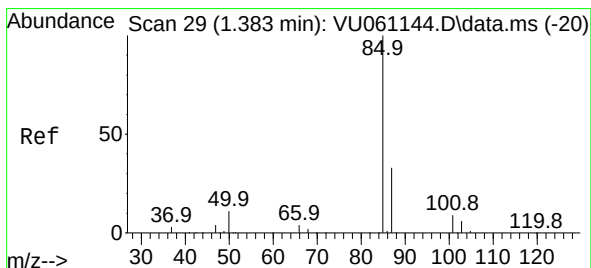
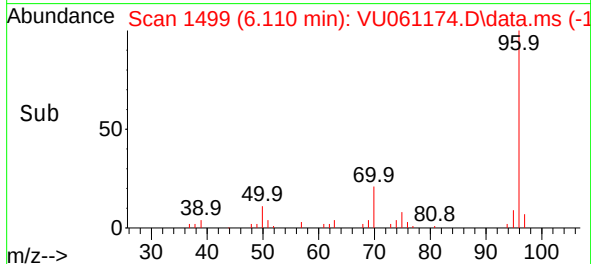
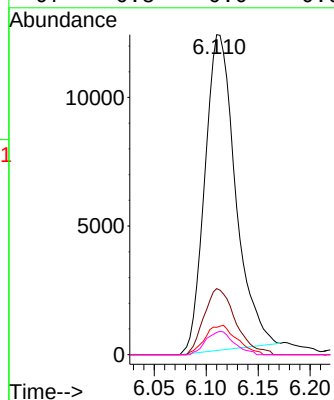
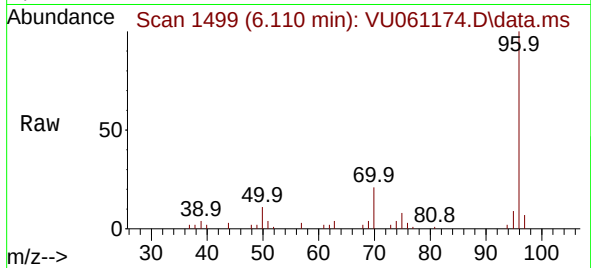




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 1499
Delta R.T. 0.000 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

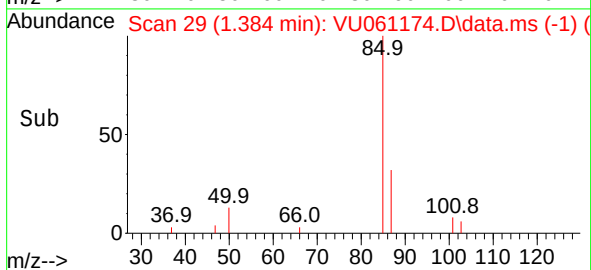
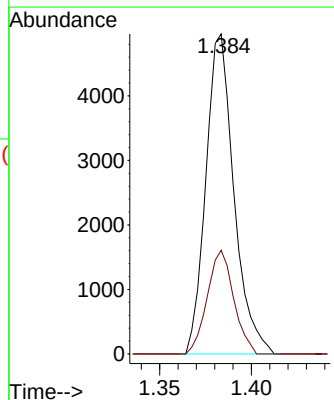
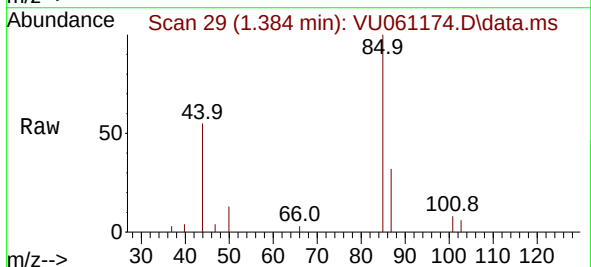
Instrument :
MSVOA_U
ClientSampleId :

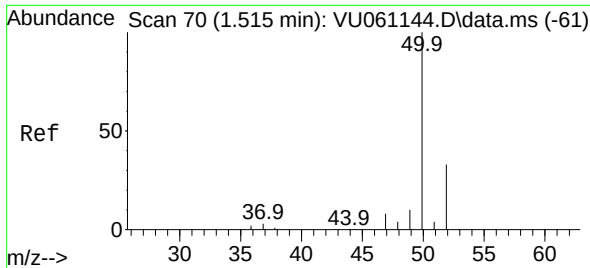
Tgt Ion: 96	Resp: 25103
Ion Ratio	Lower Upper
96 100	
70 21.6	16.1 24.1
95 9.6	0.0 0.0#
97 6.8	0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 0.381 ug/l
RT: 1.384 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

Tgt Ion: 85	Resp: 5265
Ion Ratio	Lower Upper
85 100	
87 32.4	16.3 48.9

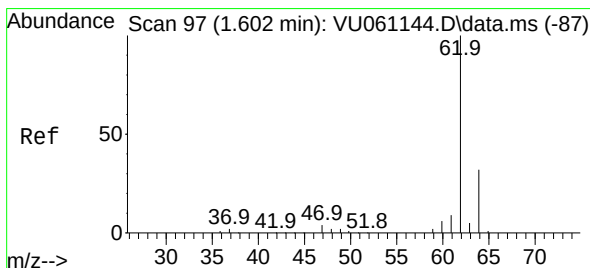
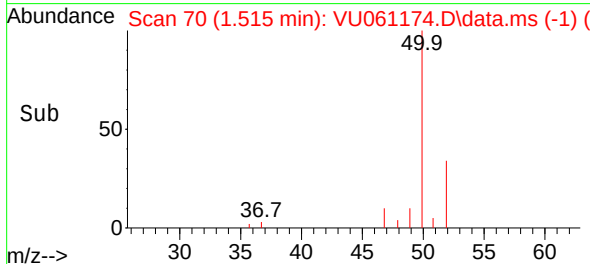
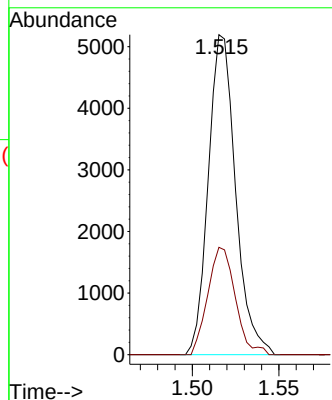
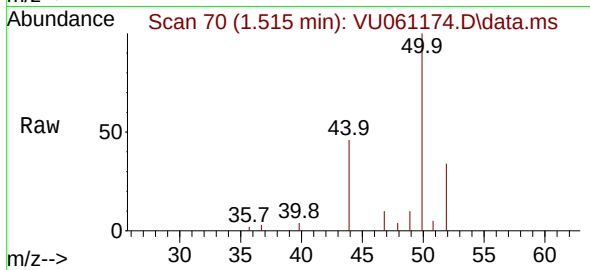




#3
Chloromethane
Concen: 0.432 ug/l
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

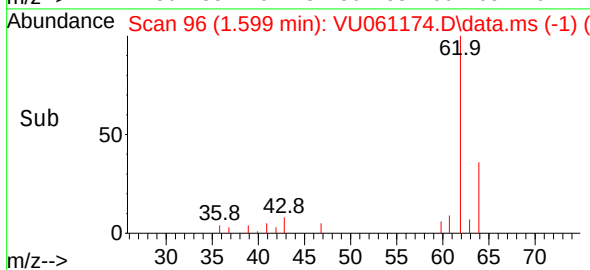
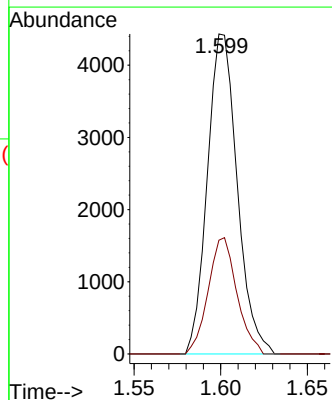
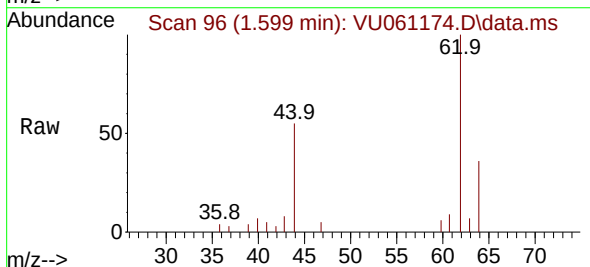
Instrument :
MSVOA_U
ClientSampleId :

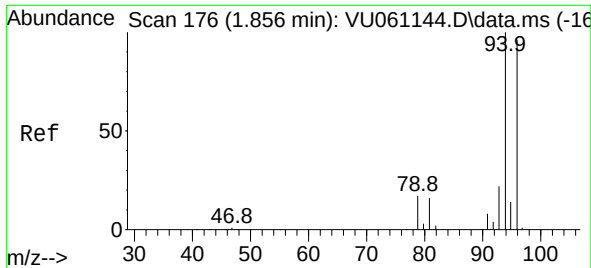
Tgt Ion: 50 Resp: 5687
Ion Ratio Lower Upper
50 100
52 33.6 26.2 39.2



#4
Vinyl Chloride
Concen: 0.393 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.003 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

Tgt Ion: 62 Resp: 5312
Ion Ratio Lower Upper
62 100
64 35.6 25.9 38.9

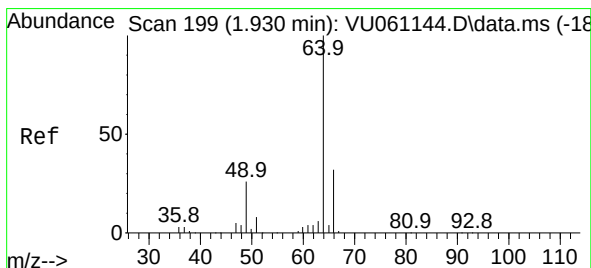
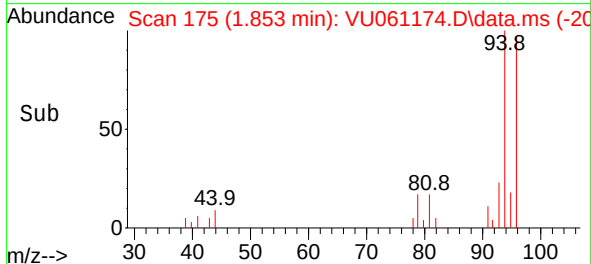
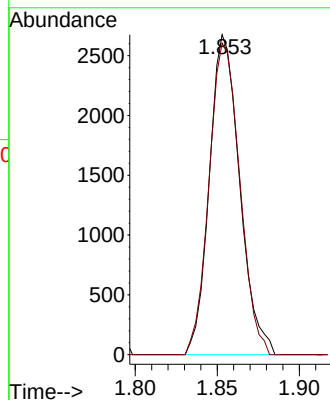
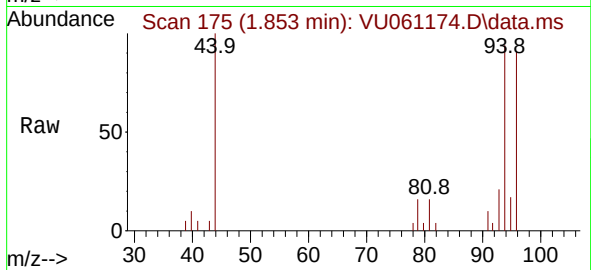




#5
Bromomethane
Concen: 0.404 ug/l
RT: 1.853 min Scan# 175
Delta R.T. -0.003 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

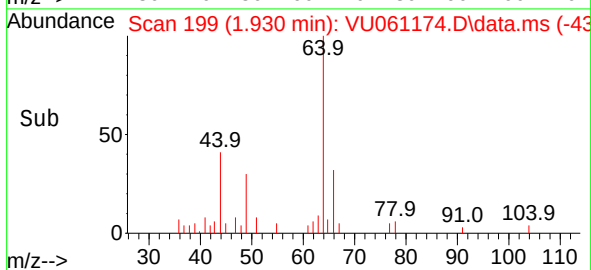
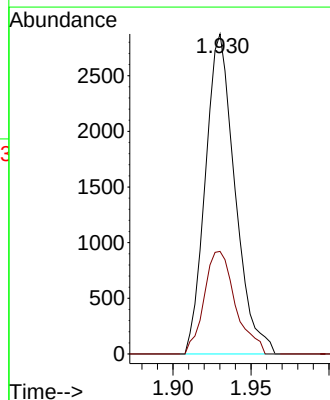
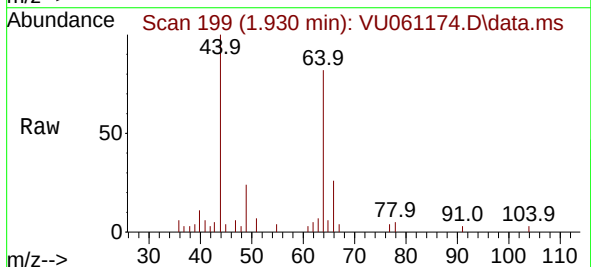
Instrument :
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ClientSampleId :

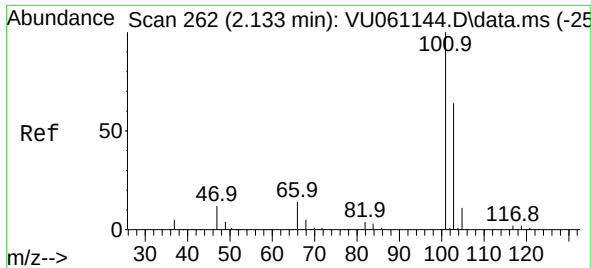
Tgt Ion: 94 Resp: 3430
Ion Ratio Lower Upper
94 100
96 97.4 76.5 114.7



#6
Chloroethane
Concen: 0.418 ug/l
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

Tgt Ion: 64 Resp: 3785
Ion Ratio Lower Upper
64 100
66 32.0 25.8 38.8

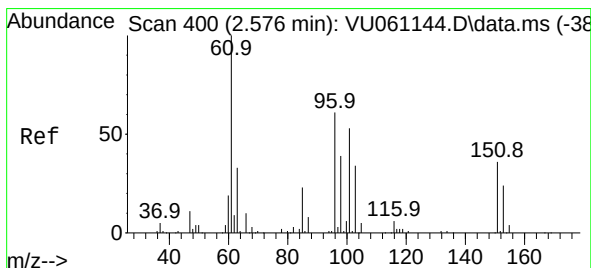
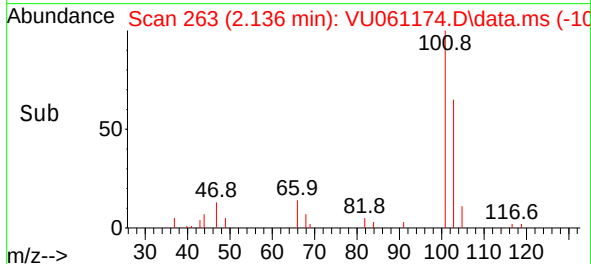
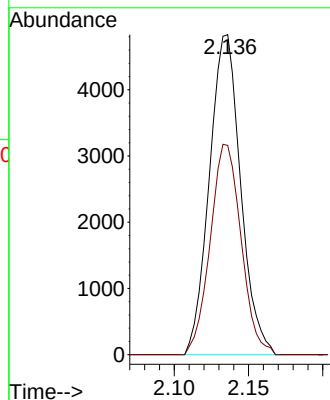
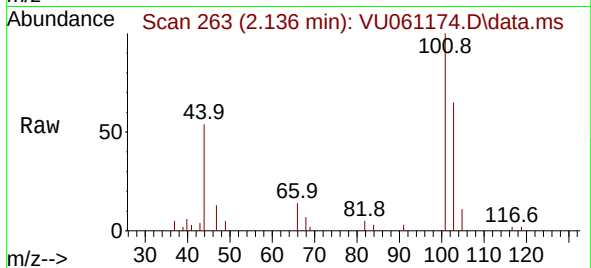




#7
Trichlorofluoromethane
Concen: 0.368 ug/l
RT: 2.136 min Scan# 20
Delta R.T. 0.003 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

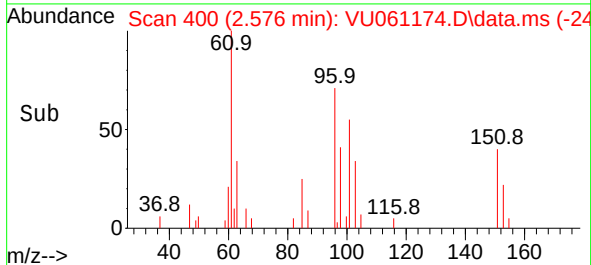
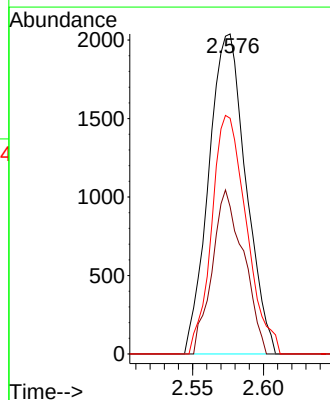
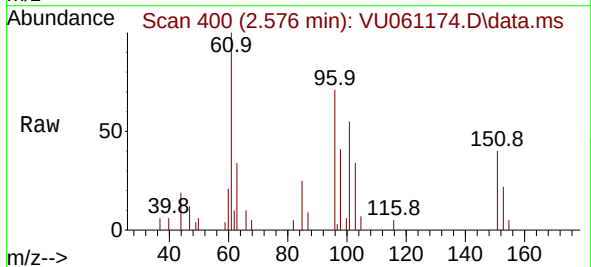
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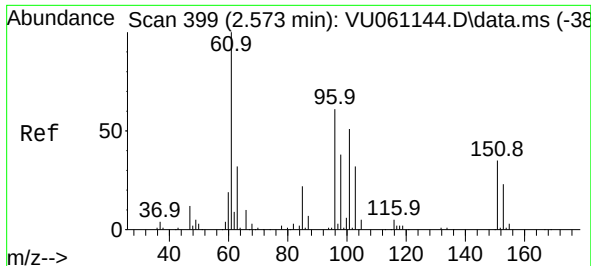
Tgt Ion:101 Resp: 7081
Ion Ratio Lower Upper
101 100
103 65.4 51.5 77.3



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.390 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

Tgt Ion:101 Resp: 3725
Ion Ratio Lower Upper
101 100
85 43.2 35.8 53.8
151 69.6 56.2 84.4

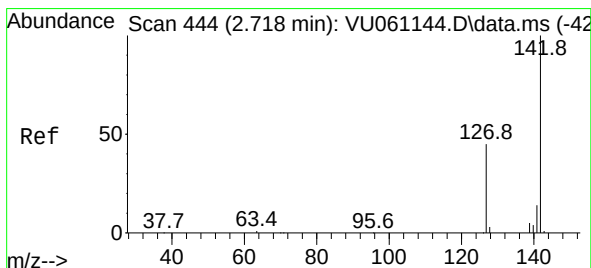
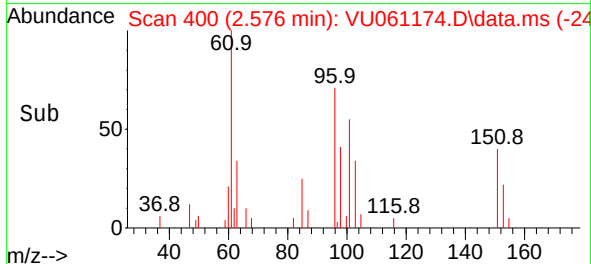
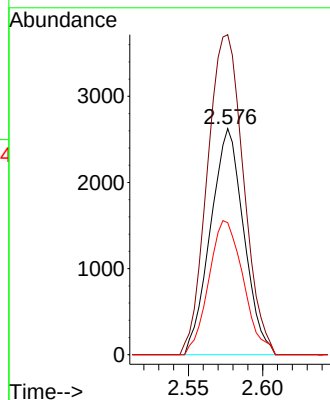
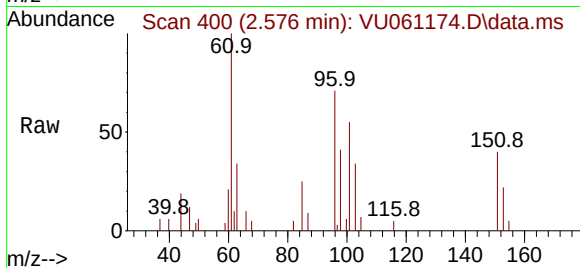




#9
1,1-Dichloroethene
Concen: 0.412 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

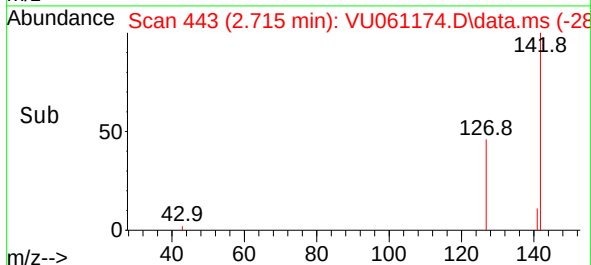
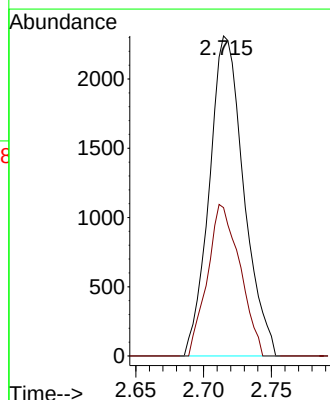
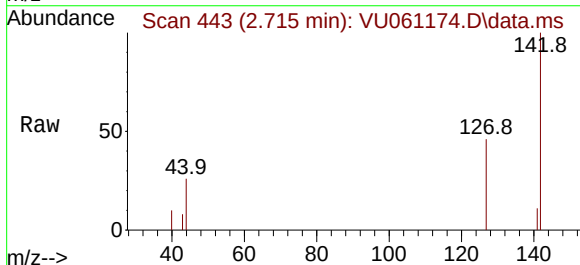
Instrument :
MSVOA_U
ClientSampleId :

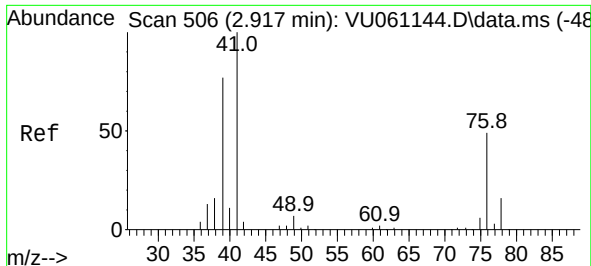
Tgt Ion: 96 Resp: 4099
Ion Ratio Lower Upper
96 100
61 135.5 0.0 494.4
98 55.9 0.0 124.4



#10
Iodomethane
Concen: 0.344 ug/l
RT: 2.715 min Scan# 443
Delta R.T. -0.003 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

Tgt Ion: 142 Resp: 4079
Ion Ratio Lower Upper
142 100
127 44.6 36.2 54.4





#11

Allyl Chloride

Concen: 0.384 ug/l

RT: 2.920 min Scan# 506

Delta R.T. 0.003 min

Lab File: VU061174.D

Acq: 21 Oct 2024 16:06

Instrument :

MSVOA_U

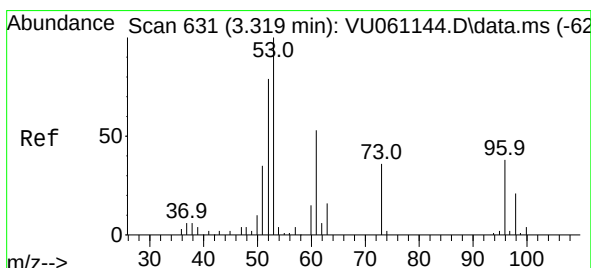
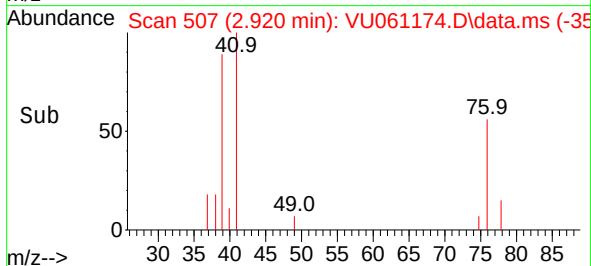
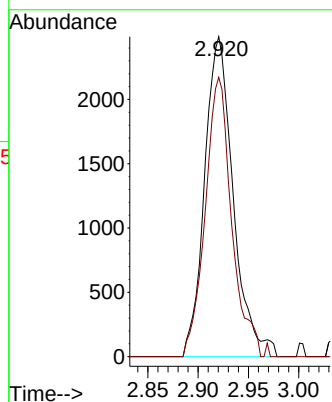
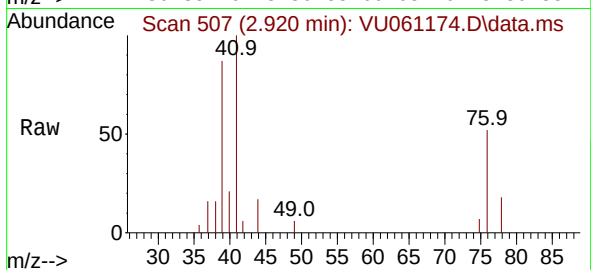
ClientSampleId :

Tgt Ion: 41 Resp: 4929

Ion Ratio Lower Upper

41 100

39 80.4 62.4 93.6



#12

Acrylonitrile

Concen: 0.206 ug/l

RT: 3.342 min Scan# 638

Delta R.T. 0.023 min

Lab File: VU061174.D

Acq: 21 Oct 2024 16:06

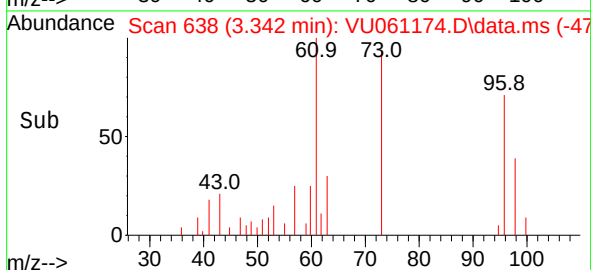
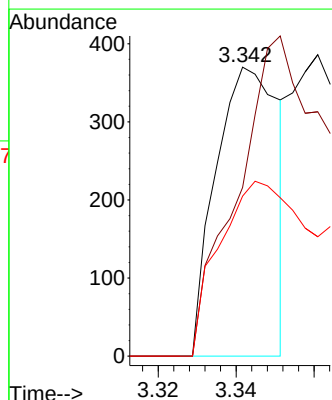
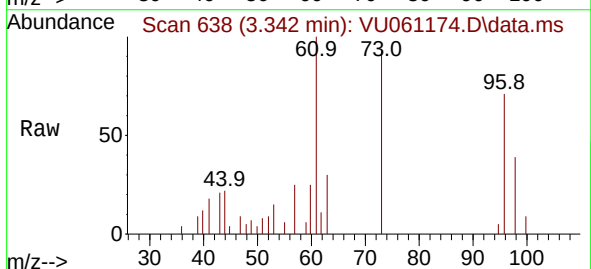
Tgt Ion: 53 Resp: 412

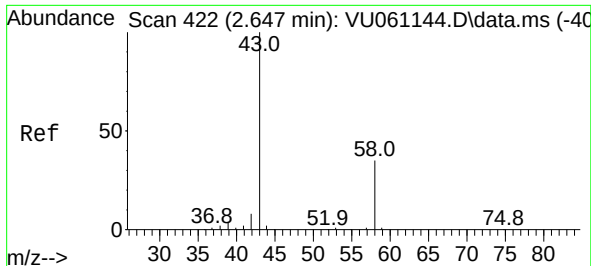
Ion Ratio Lower Upper

53 100

52 166.5 62.6 94.0#

51 83.0 30.7 46.1#





#13

Acetone

Concen: 2.148 ug/l

RT: 2.644 min Scan# 421

Delta R.T. -0.003 min

Lab File: VU061174.D

Acq: 21 Oct 2024 16:06

Instrument :

MSVOA_U

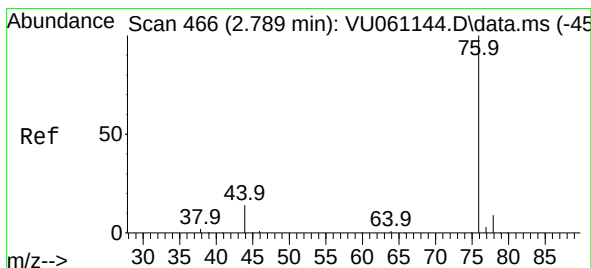
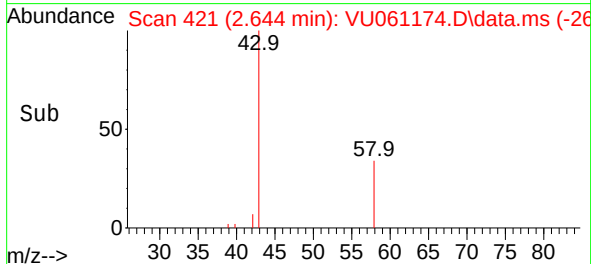
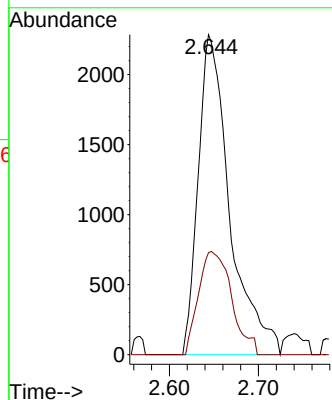
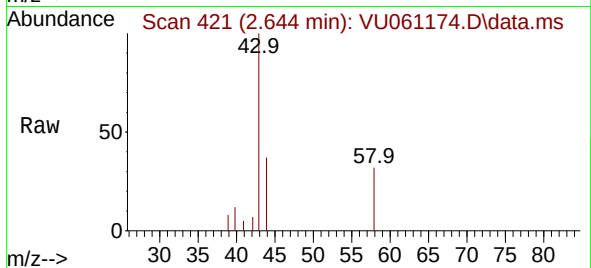
ClientSampleId :

Tgt Ion: 43 Resp: 5611

Ion Ratio Lower Upper

43 100

58 31.9 27.9 41.9



#14

Carbon Disulfide

Concen: 0.377 ug/l

RT: 2.789 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU061174.D

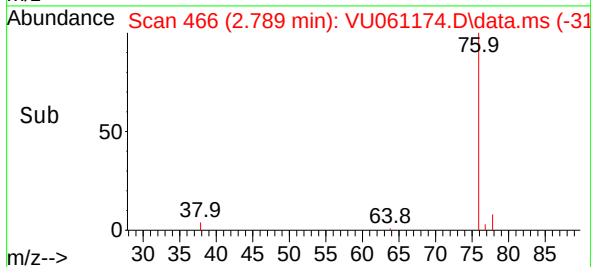
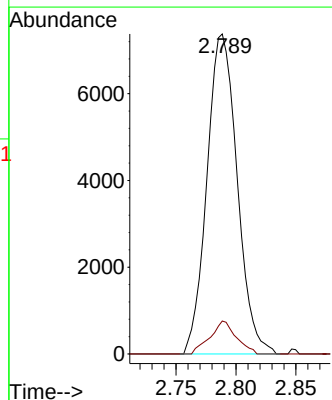
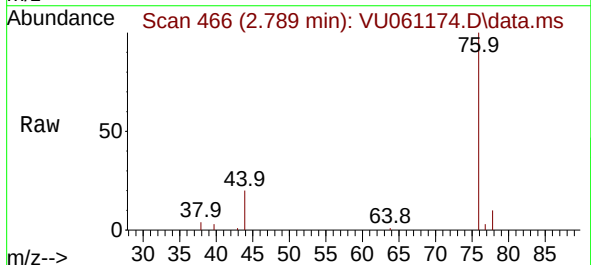
Acq: 21 Oct 2024 16:06

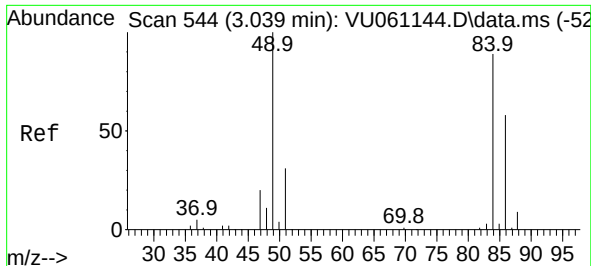
Tgt Ion: 76 Resp: 12937

Ion Ratio Lower Upper

76 100

78 10.3 7.4 11.0





#15

Methylene Chloride

Concen: 0.416 ug/l

RT: 3.043 min Scan# 544

Delta R.T. 0.003 min

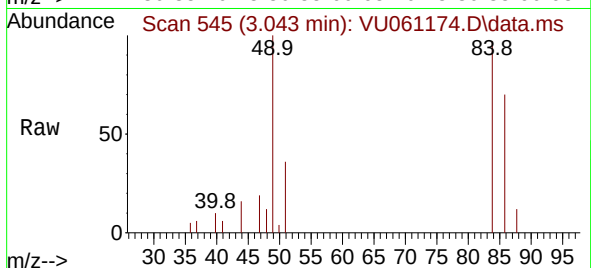
Lab File: VU061174.D

Acq: 21 Oct 2024 16:06

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 84 Resp: 5363

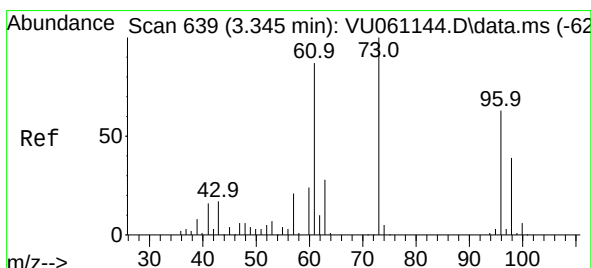
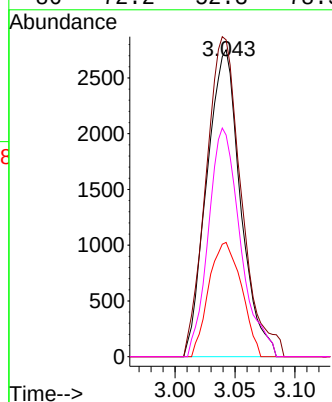
Ion Ratio Lower Upper

84 100

49 103.2 90.4 135.6

51 37.2 0.0 70.6

86 72.2 52.3 78.5



#16

trans-1,2-Dichloroethene

Concen: 0.385 ug/l

RT: 3.351 min Scan# 641

Delta R.T. 0.006 min

Lab File: VU061174.D

Acq: 21 Oct 2024 16:06

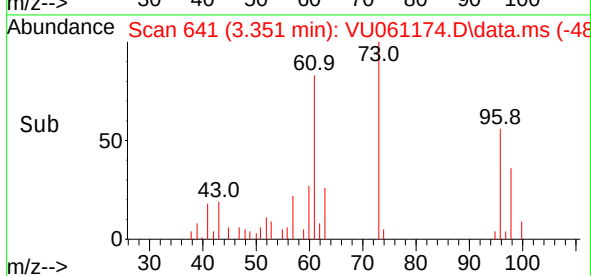
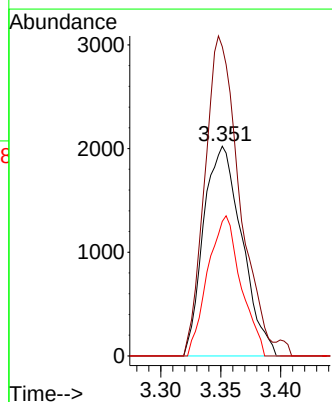
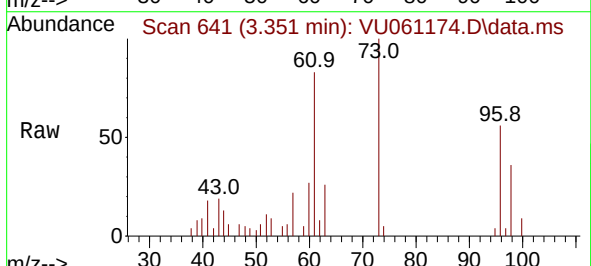
Tgt Ion: 96 Resp: 4496

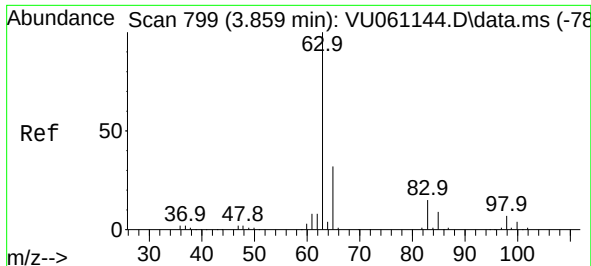
Ion Ratio Lower Upper

96 100

61 147.5 110.6 166.0

98 64.1 49.8 74.8

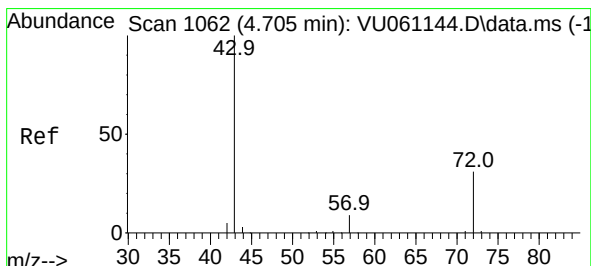
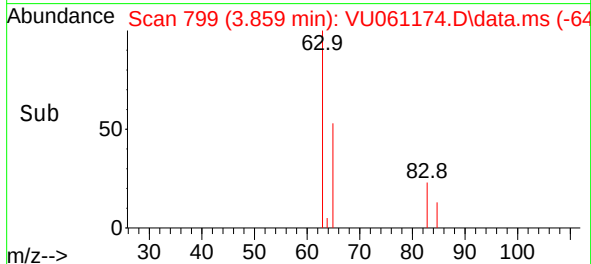
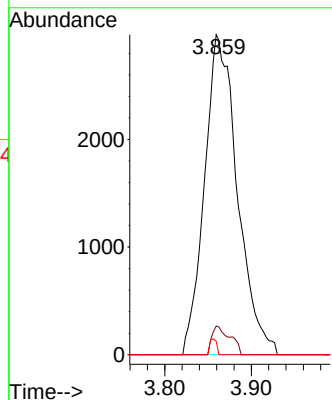
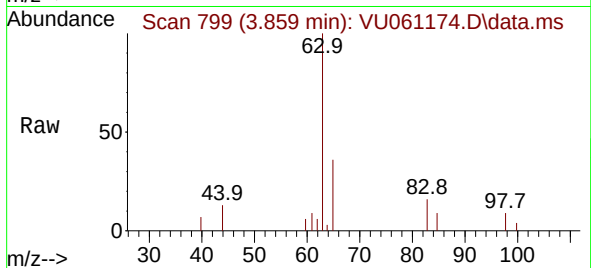




#17
1,1-Dichloroethane
Concen: 0.379 ug/l
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

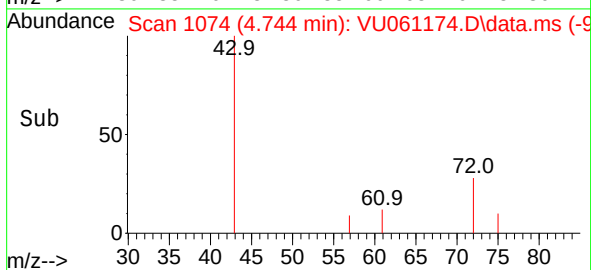
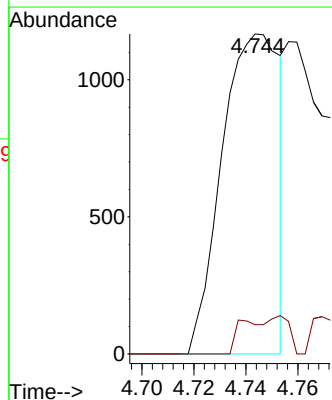
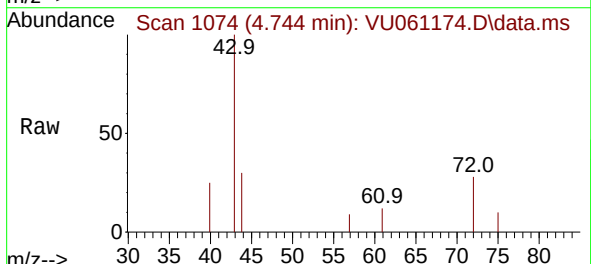
Instrument :
MSVOA_U
ClientSampleId :

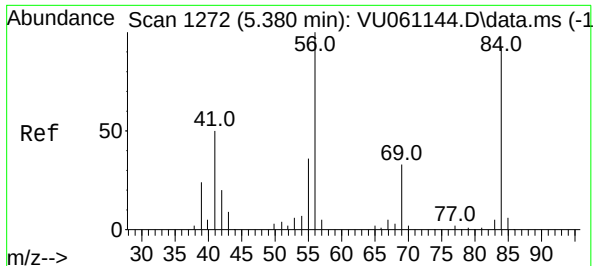
Tgt Ion:	63	Resp:	7855
Ion Ratio	Lower	Upper	
63	100		
98	9.0	3.3	9.8
100	4.2	2.1	6.5



#18
2-Butanone
Concen: 0.557 ug/l
RT: 4.744 min Scan# 1074
Delta R.T. 0.039 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

Tgt Ion:	43	Resp:	1781
Ion Ratio	Lower	Upper	
43	100		
57	9.2	0.0	19.0

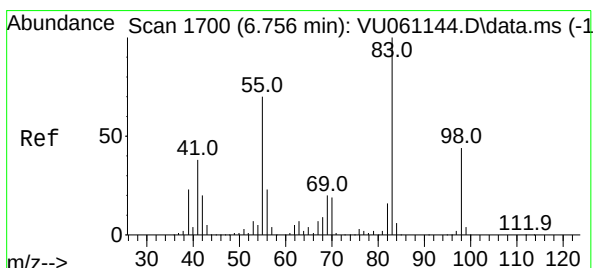
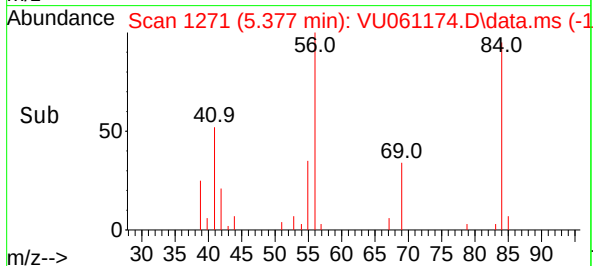
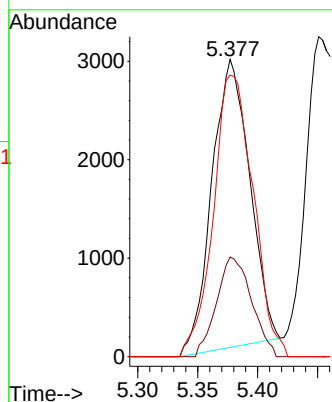
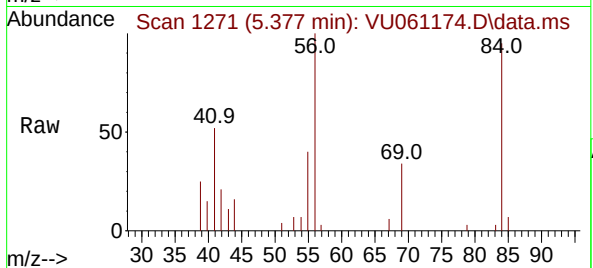




#19
Cyclohexane
Concen: 0.346 ug/l
RT: 5.377 min Scan# 1698
Delta R.T. -0.003 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

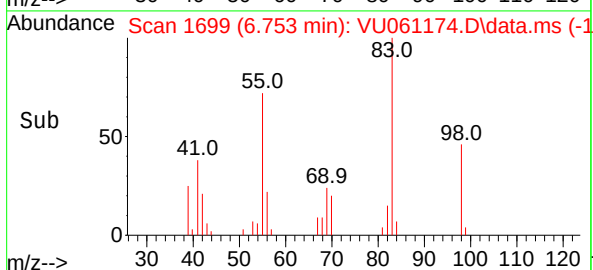
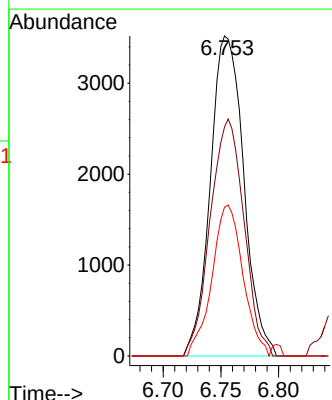
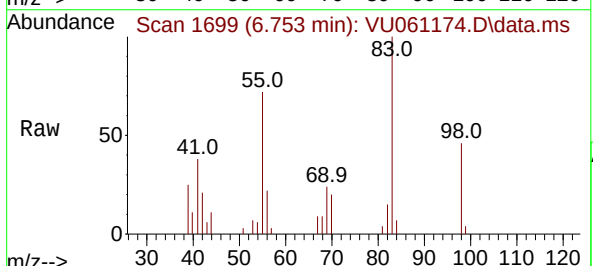
Instrument :
MSVOA_U
ClientSampleId :

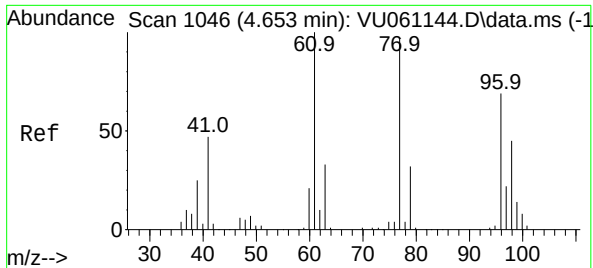
Tgt Ion:	56	Resp:	6428
Ion Ratio	Lower	Upper	
56	100		
69	31.9	26.2	39.4
84	102.5	72.7	109.1



#20
Methylcyclohexane
Concen: 0.342 ug/l
RT: 6.753 min Scan# 1699
Delta R.T. -0.003 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

Tgt Ion:	83	Resp:	7084
Ion Ratio	Lower	Upper	
83	100		
55	74.6	55.5	83.3
98	43.8	35.8	53.6

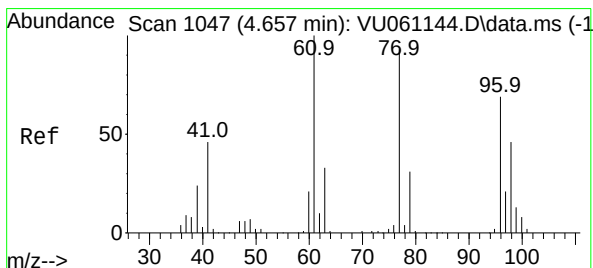
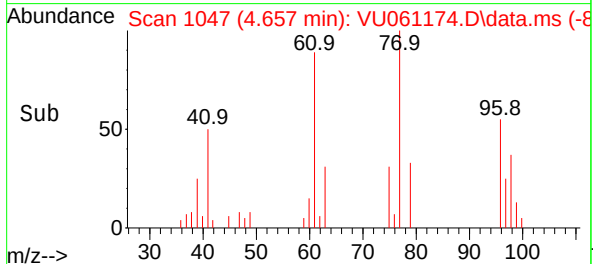
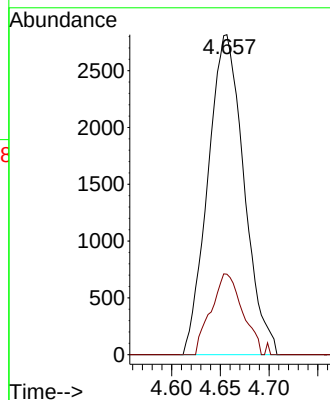
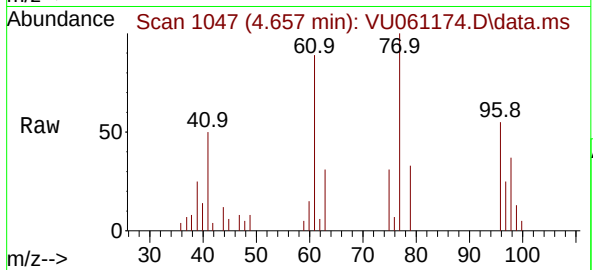




#21
2,2-Dichloropropane
Concen: 0.379 ug/l
RT: 4.657 min Scan# 1046
Delta R.T. 0.003 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

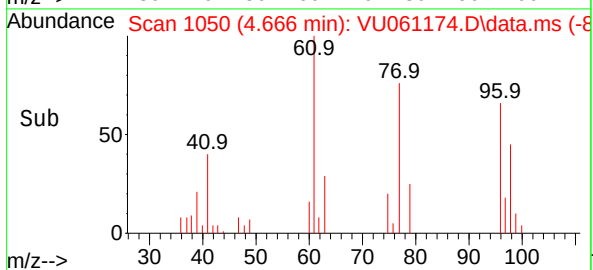
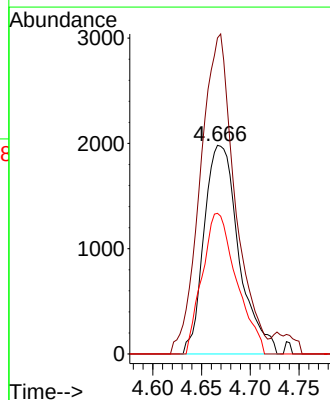
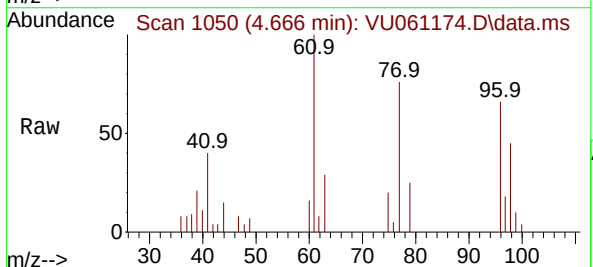
Instrument :
MSVOA_U
ClientSampleId :

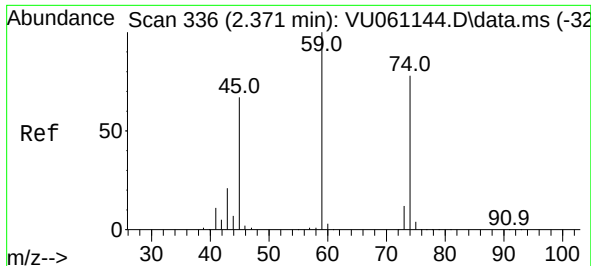
Tgt Ion: 77 Resp: 7242
Ion Ratio Lower Upper
77 100
97 22.0 18.3 27.5



#22
cis-1,2-Dichloroethene
Concen: 0.387 ug/l
RT: 4.666 min Scan# 1050
Delta R.T. 0.010 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

Tgt Ion: 96 Resp: 4920
Ion Ratio Lower Upper
96 100
61 152.6 0.0 364.8
98 66.4 32.1 96.3





#23

Diethyl Ether

Concen: 0.377 ug/l

RT: 2.374 min Scan# 30

Delta R.T. 0.003 min

Lab File: VU061174.D

Acq: 21 Oct 2024 16:06

Instrument :

MSVOA_U

ClientSampleId :

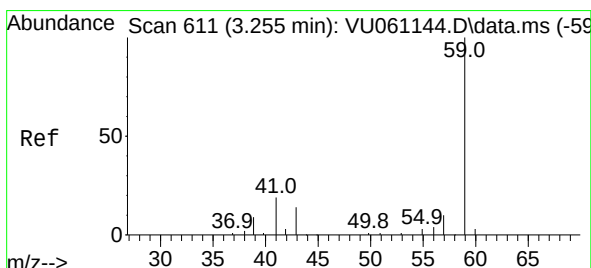
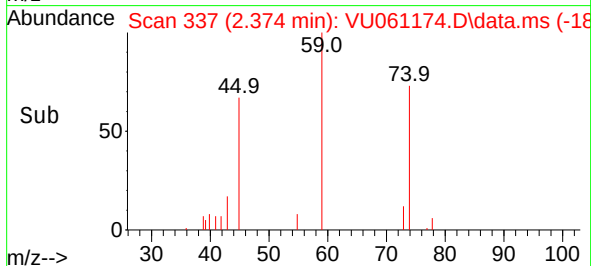
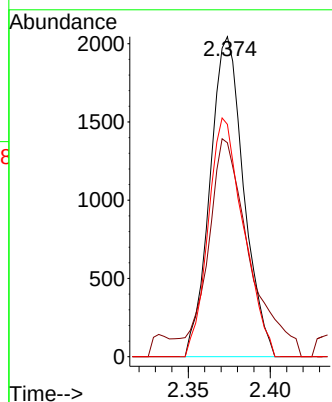
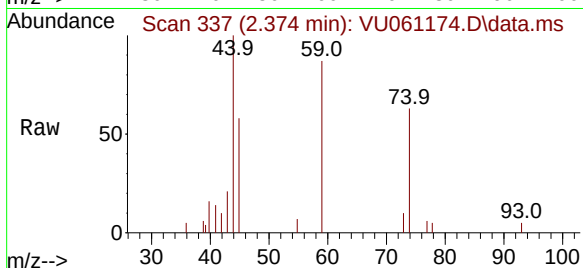
Tgt Ion: 59 Resp: 2918

Ion Ratio Lower Upper

59 100

45 82.8 52.0 78.0#

74 78.1 62.2 93.2



#24

tert-Butyl Alcohol

Concen: 2.291 ug/l

RT: 3.232 min Scan# 604

Delta R.T. -0.022 min

Lab File: VU061174.D

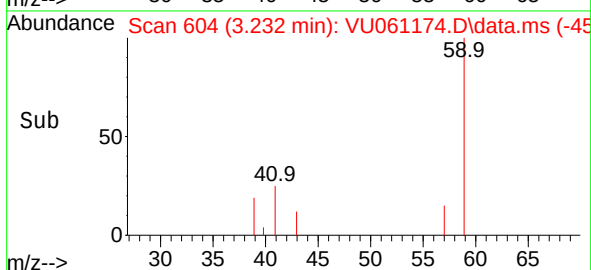
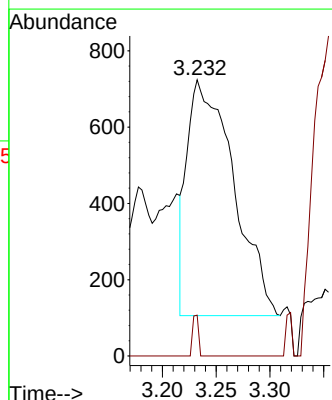
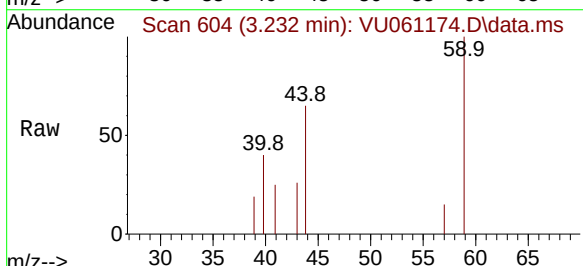
Acq: 21 Oct 2024 16:06

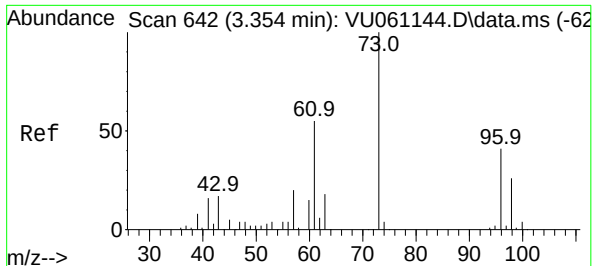
Tgt Ion: 59 Resp: 1850

Ion Ratio Lower Upper

59 100

57 0.0 3.2 4.8#





#25

Methyl tert-Butyl Ether

Concen: 0.366 ug/l

RT: 3.361 min Scan# 64

Delta R.T. 0.007 min

Lab File: VU061174.D

Acq: 21 Oct 2024 16:06

Instrument :

MSVOA_U

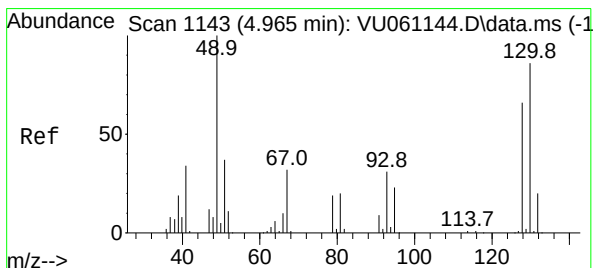
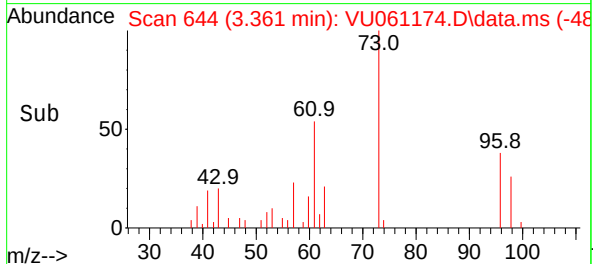
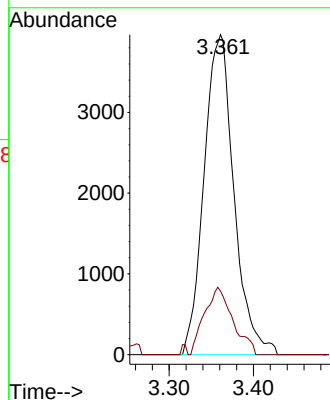
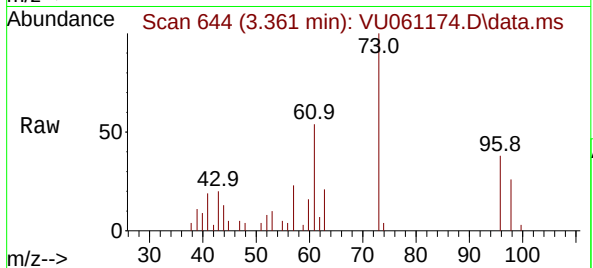
ClientSampleId :

Tgt Ion: 73 Resp: 9768

Ion Ratio Lower Upper

73 100

43 20.0 14.7 22.1



#26

Bromochloromethane

Concen: 0.366 ug/l

RT: 4.975 min Scan# 1146

Delta R.T. 0.010 min

Lab File: VU061174.D

Acq: 21 Oct 2024 16:06

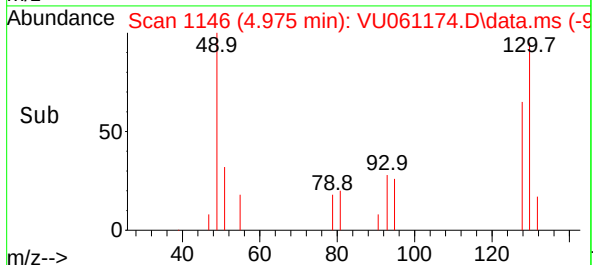
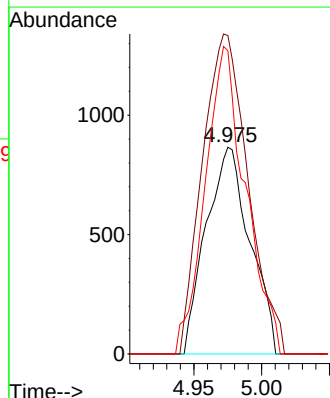
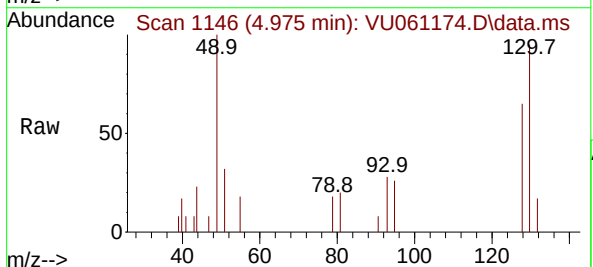
Tgt Ion: 128 Resp: 1948

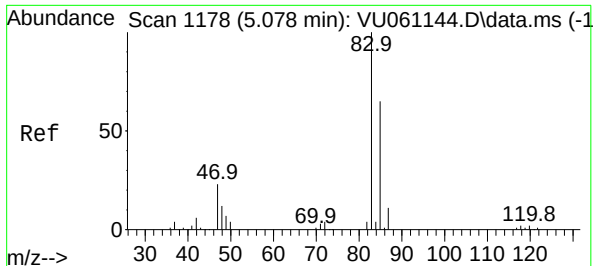
Ion Ratio Lower Upper

128 100

49 161.4 0.0 308.8

130 137.1 105.3 157.9

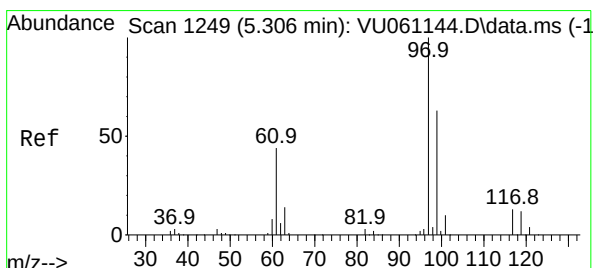
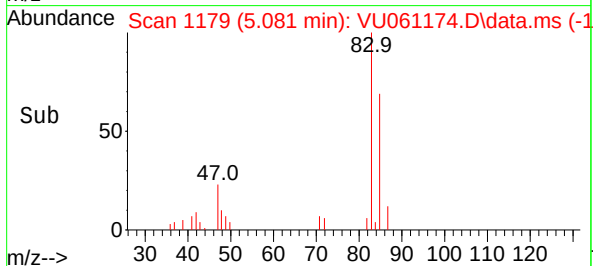
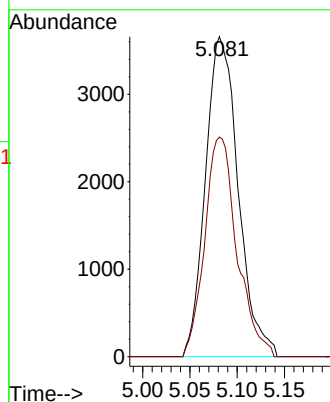
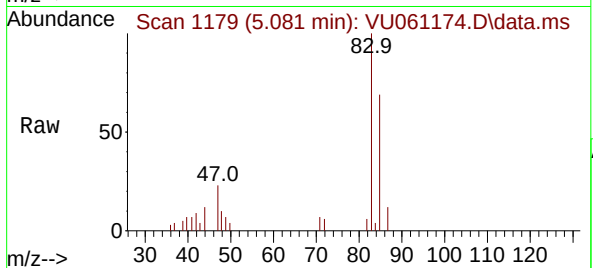




#27
Chloroform
Concen: 0.406 ug/l
RT: 5.081 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

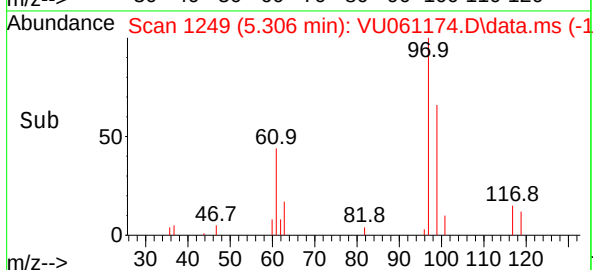
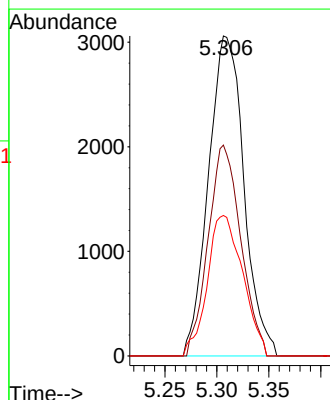
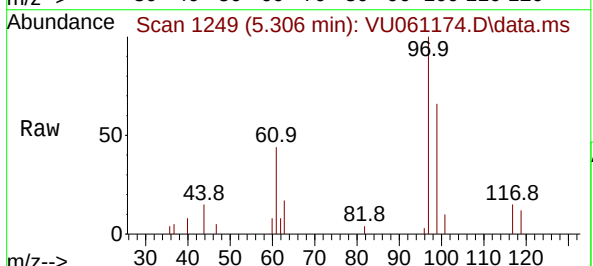
Instrument :
MSVOA_U
ClientSampleId :

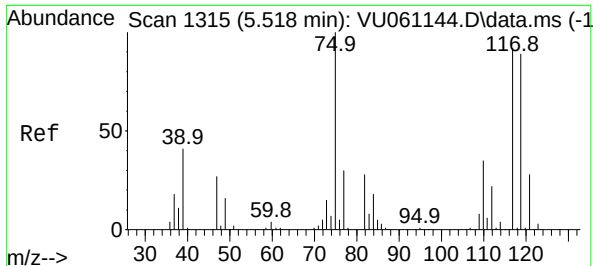
Tgt Ion: 83 Resp: 8823
Ion Ratio Lower Upper
83 100
85 68.6 0.0 129.6



#28
1,1,1-Trichloroethane
Concen: 0.378 ug/l
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

Tgt Ion: 97 Resp: 7244
Ion Ratio Lower Upper
97 100
99 60.9 31.9 95.5
61 43.9 22.1 66.1

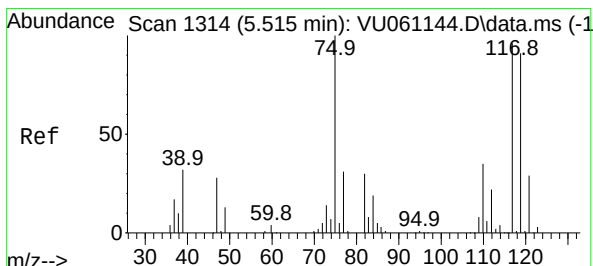
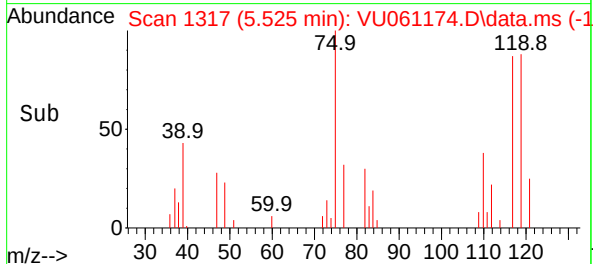
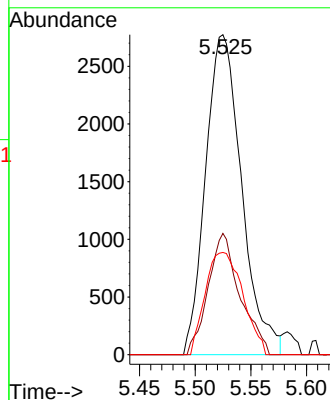
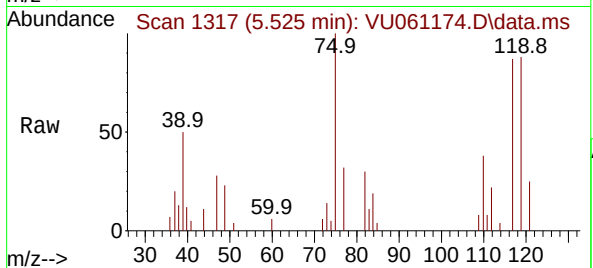




#29
1,1-Dichloropropene
Concen: 0.369 ug/l
RT: 5.525 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

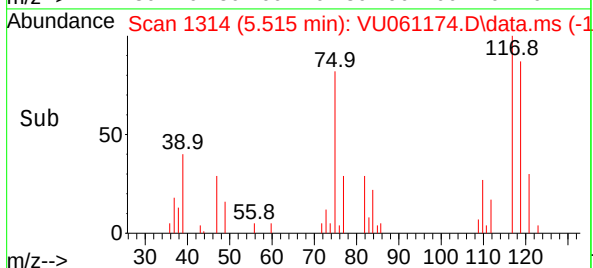
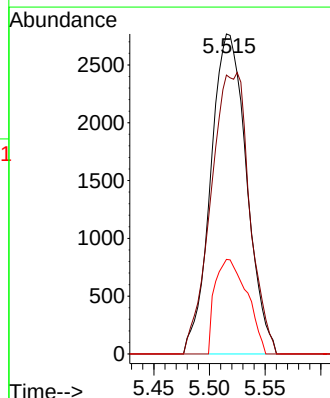
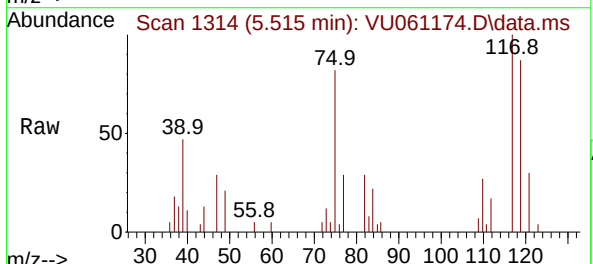
Instrument :
MSVOA_U
ClientSampleId :

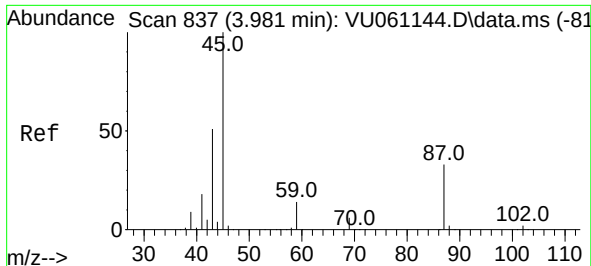
Tgt Ion: 75 Resp: 6250
Ion Ratio Lower Upper
75 100
110 33.5 17.8 53.3
77 33.3 24.6 37.0



#30
Carbon Tetrachloride
Concen: 0.373 ug/l
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

Tgt Ion: 117 Resp: 6201
Ion Ratio Lower Upper
117 100
119 87.2 76.4 114.6
121 29.6 24.1 36.1

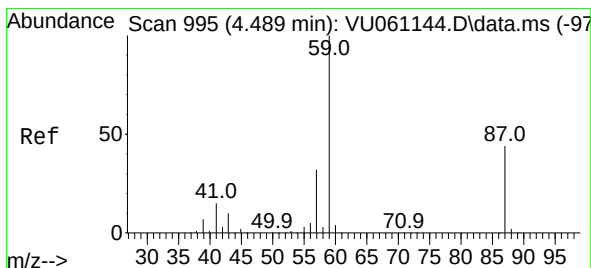
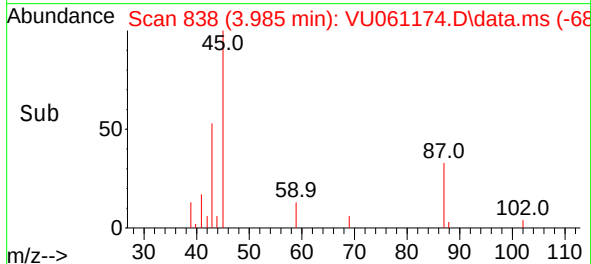
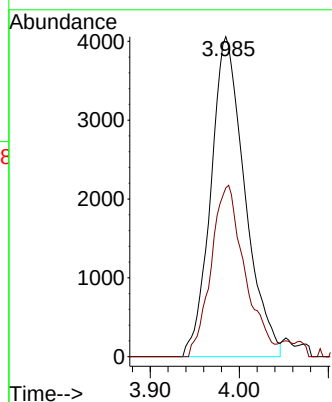
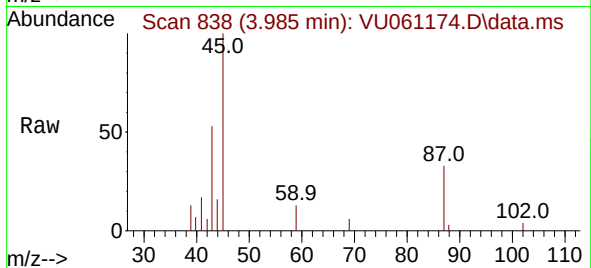




#31
Isopropyl Ether
Concen: 0.364 ug/l
RT: 3.985 min Scan# 837
Delta R.T. 0.003 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

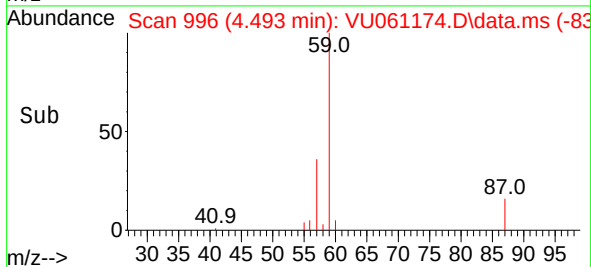
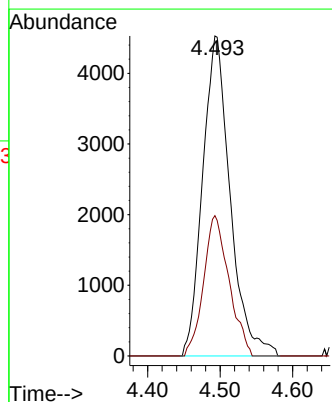
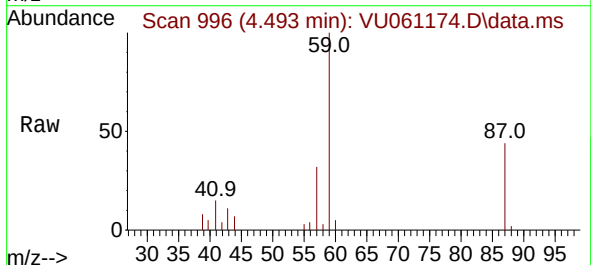
Instrument :
MSVOA_U
ClientSampleId :

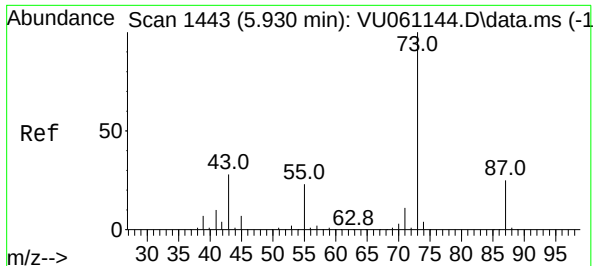
Tgt Ion: 45 Resp: 10767
Ion Ratio Lower Upper
45 100
43 53.0 25.7 77.0



#32
Ethyl-t-butyl ether
Concen: 0.393 ug/l
RT: 4.493 min Scan# 996
Delta R.T. 0.003 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

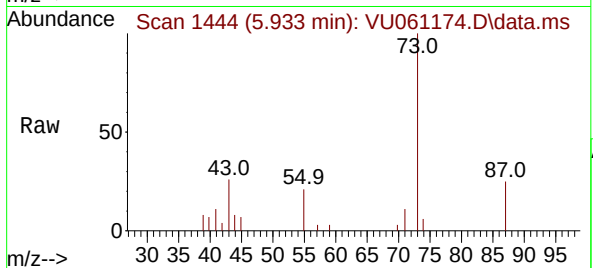
Tgt Ion: 59 Resp: 11926
Ion Ratio Lower Upper
59 100
87 40.5 34.7 52.1



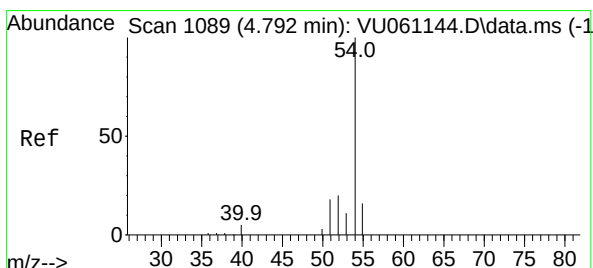
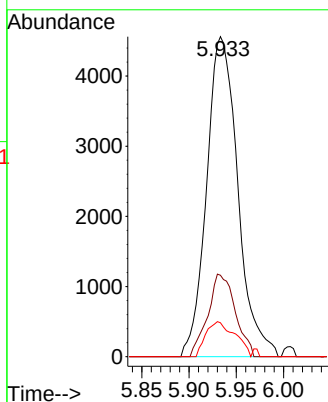
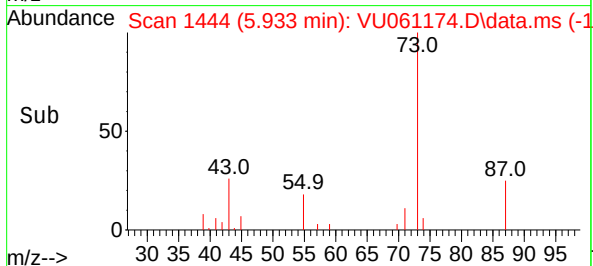


#33
Tert-Amyl methyl ether
Concen: 0.383 ug/l
RT: 5.933 min Scan# 1443
Delta R.T. 0.003 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

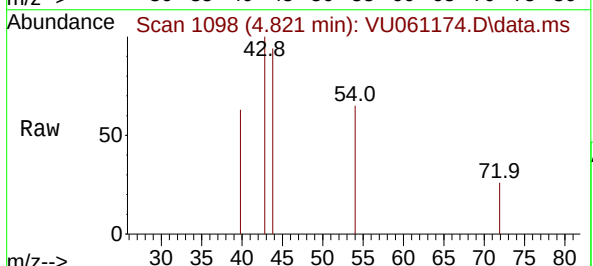
Instrument :
MSVOA_U
ClientSampleId :



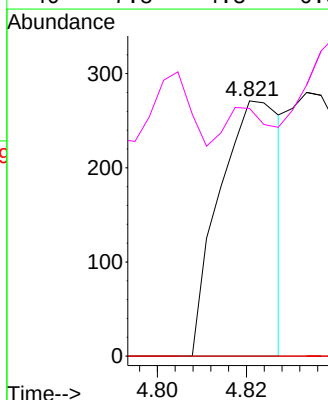
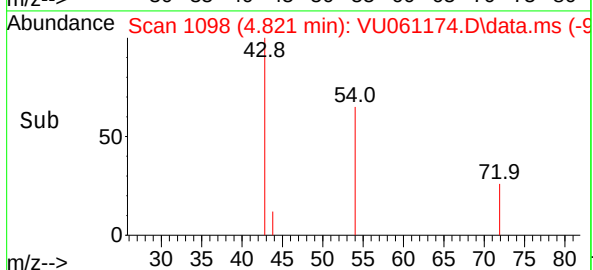
Tgt Ion: 73	Resp: 10471
Ion Ratio	Lower Upper
73	100
87	22.7 19.8 29.8
71	10.2 8.6 12.8

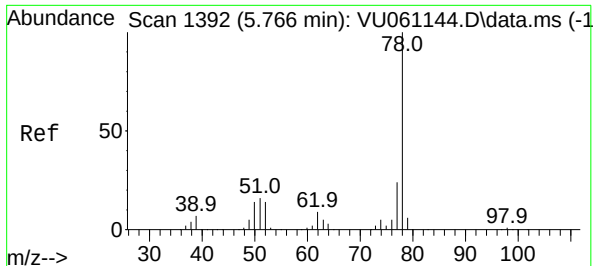


#34
Propionitrile
Concen: 0.335 ug/l
RT: 4.821 min Scan# 1098
Delta R.T. 0.029 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06



Tgt Ion: 54	Resp: 256
Ion Ratio	Lower Upper
54	100
52	0.0 15.3 22.9#
55	0.0 9.7 14.5#
40	7.8 4.3 6.5#





#35

Benzene

Concen: 0.407 ug/l

RT: 5.772 min Scan# 1400

Delta R.T. 0.007 min

Lab File: VU061174.D

Acq: 21 Oct 2024 16:06

Instrument :

MSVOA_U

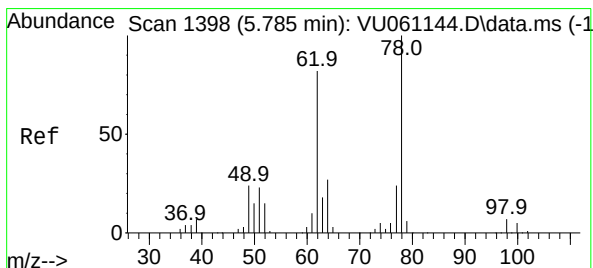
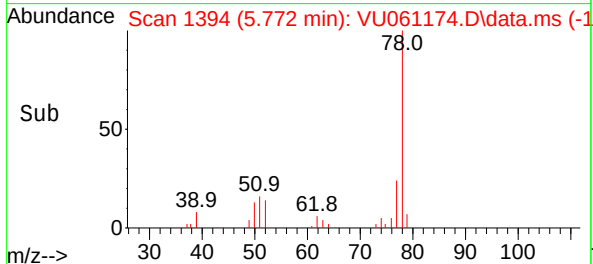
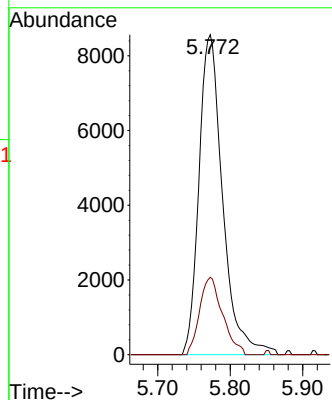
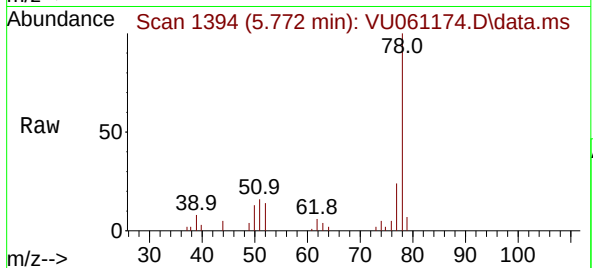
ClientSampleId :

Tgt Ion: 78 Resp: 19402

Ion Ratio Lower Upper

78 100

77 24.2 19.4 29.0



#36

1,2-Dichloroethane

Concen: 0.380 ug/l

RT: 5.795 min Scan# 1401

Delta R.T. 0.010 min

Lab File: VU061174.D

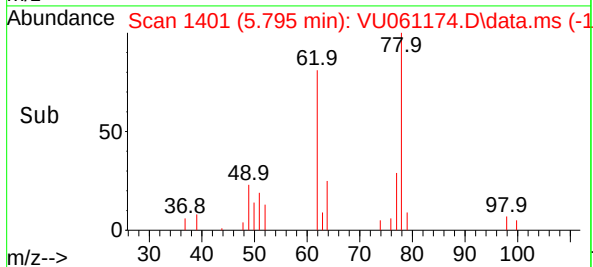
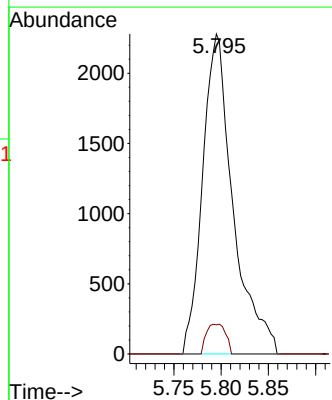
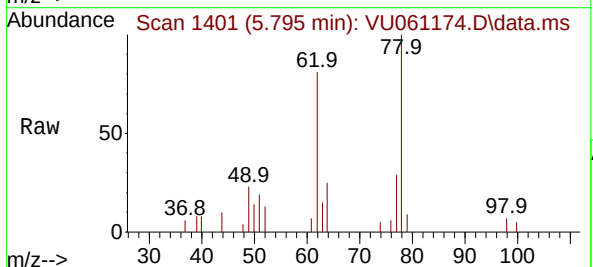
Acq: 21 Oct 2024 16:06

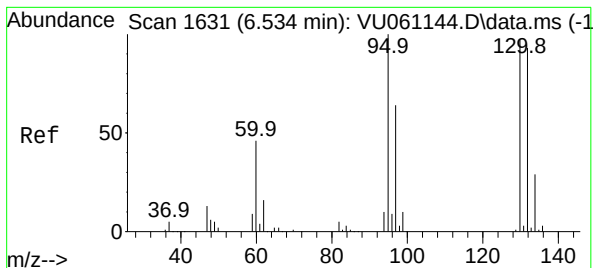
Tgt Ion: 62 Resp: 5107

Ion Ratio Lower Upper

62 100

98 5.9 7.0 10.4#





#37

Trichloroethene

Concen: 0.393 ug/l

RT: 6.541 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU061174.D

Acq: 21 Oct 2024 16:06

Instrument :

MSVOA_U

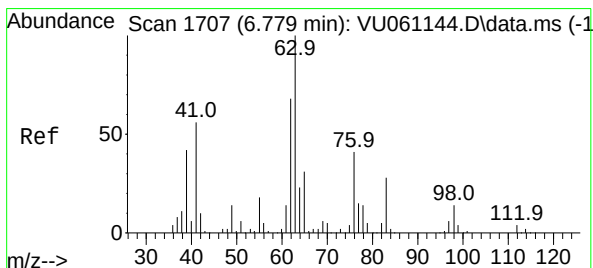
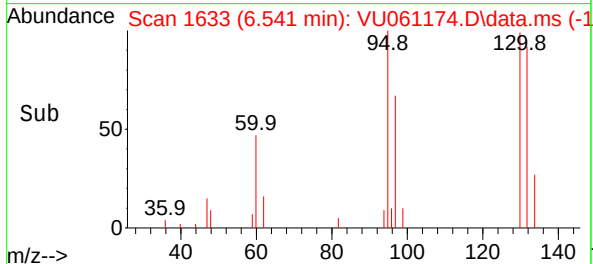
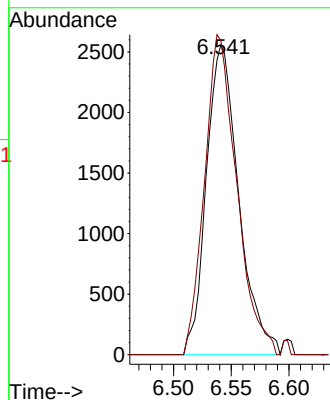
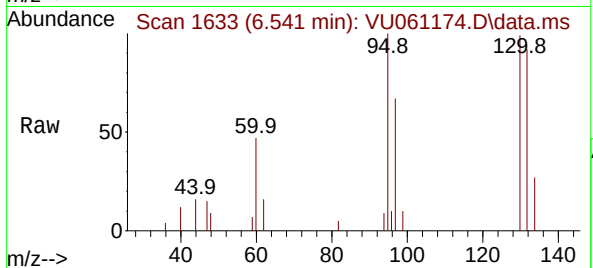
ClientSampleId :

Tgt Ion:130 Resp: 4993

Ion Ratio Lower Upper

130 100

95 101.3 82.6 123.8



#38

1,2-Dichloropropane

Concen: 0.404 ug/l

RT: 6.788 min Scan# 1710

Delta R.T. 0.010 min

Lab File: VU061174.D

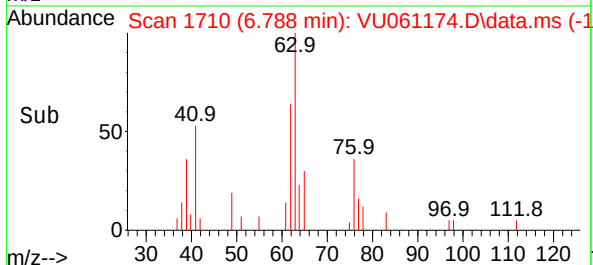
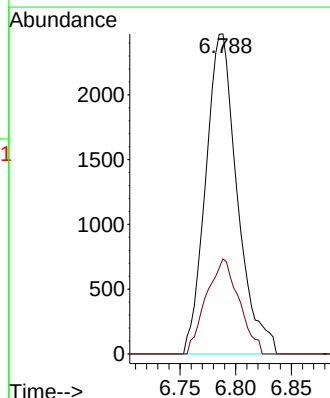
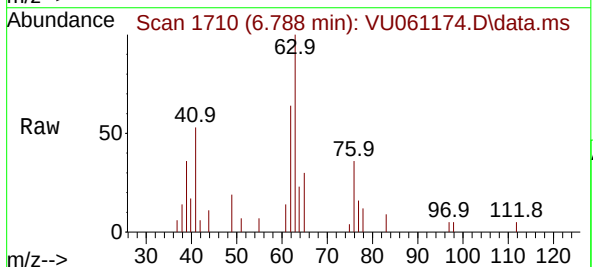
Acq: 21 Oct 2024 16:06

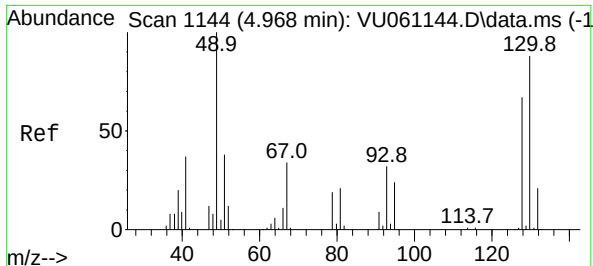
Tgt Ion: 63 Resp: 4870

Ion Ratio Lower Upper

63 100

65 29.7 25.0 37.6





#39

Methacrylonitrile

Concen: 0.211 ug/l

RT: 5.001 min Scan# 1154

Delta R.T. 0.032 min

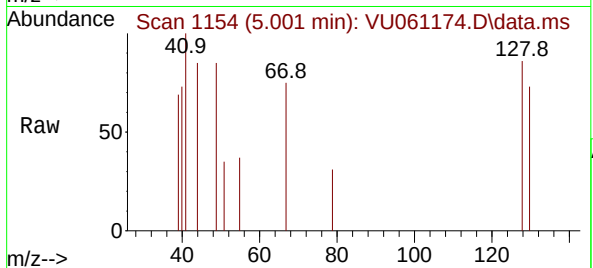
Lab File: VU061174.D

Acq: 21 Oct 2024 16:06

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 41 Resp: 579

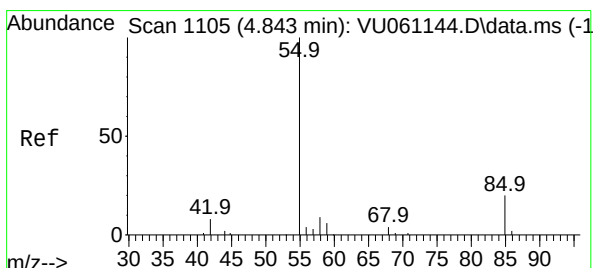
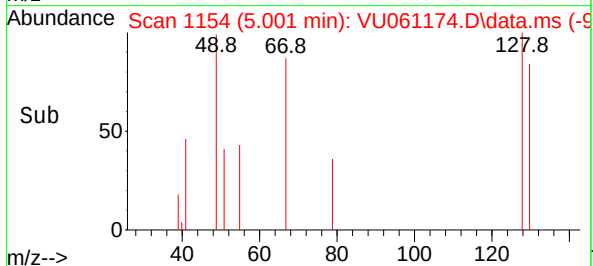
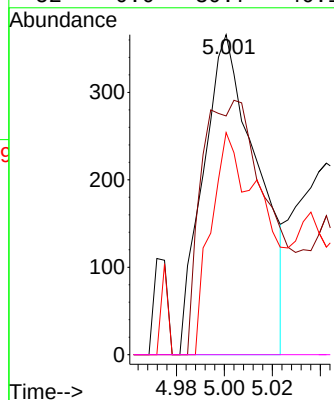
Ion Ratio Lower Upper

41 100

67 98.6 78.1 117.1

39 69.4 44.6 67.0#

52 0.0 30.7 46.1#



#40

Methyl acrylate

Concen: 0.109 ug/l

RT: 4.904 min Scan# 1124

Delta R.T. 0.061 min

Lab File: VU061174.D

Acq: 21 Oct 2024 16:06

Tgt Ion: 55 Resp: 607

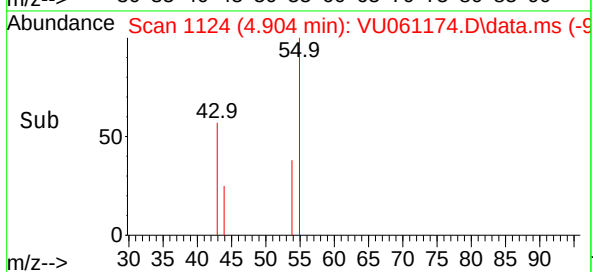
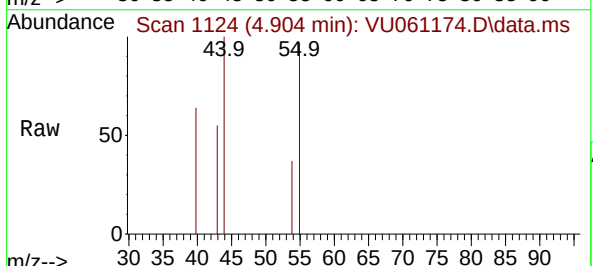
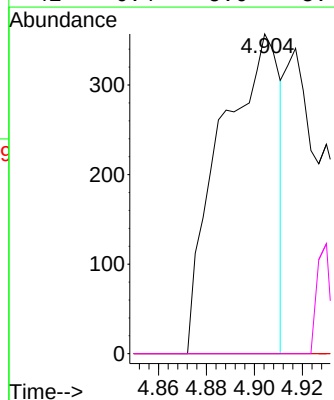
Ion Ratio Lower Upper

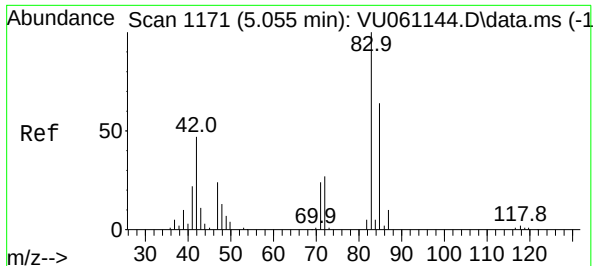
55 100

85 0.0 14.1 21.1#

58 0.0 6.9 10.3#

42 6.4 5.6 8.4

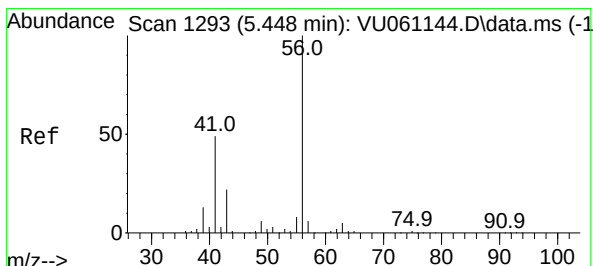
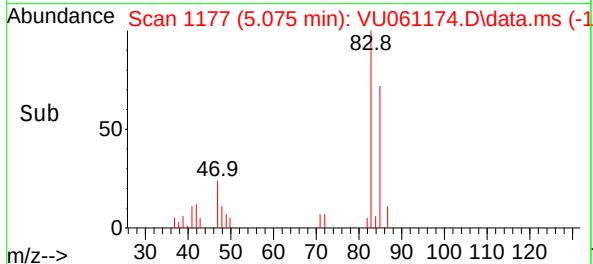
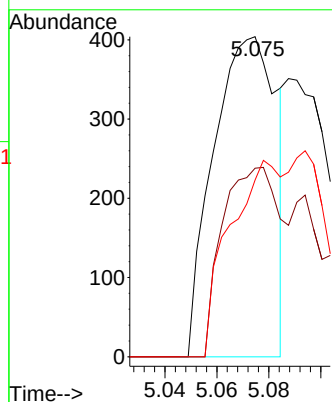
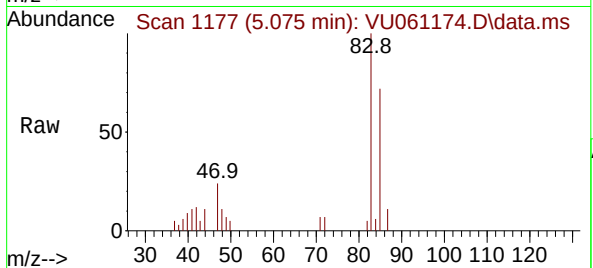




#41
Tetrahydrofuran
Concen: 0.410 ug/l
RT: 5.075 min Scan# 1177
Delta R.T. 0.019 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

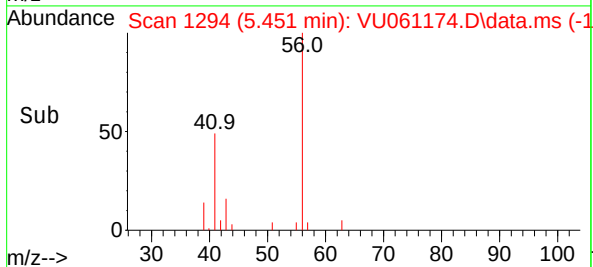
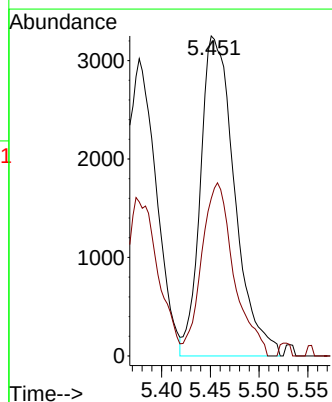
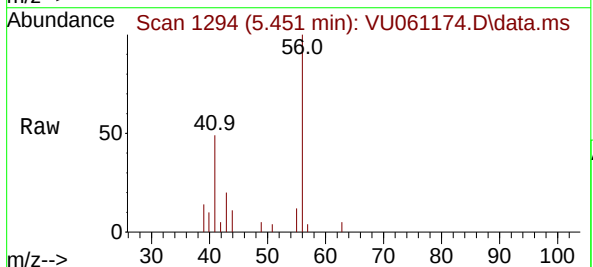
Instrument :
MSVOA_U
ClientSampleId :

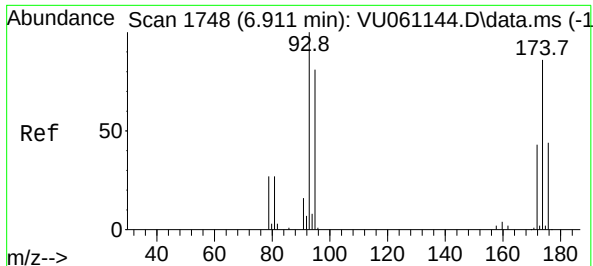
Tgt Ion: 42 Resp: 676
Ion Ratio Lower Upper
42 100
72 56.1 47.8 71.8
71 49.6 41.5 62.3



#42
1-Chlorobutane
Concen: 0.364 ug/l
RT: 5.451 min Scan# 1294
Delta R.T. 0.003 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

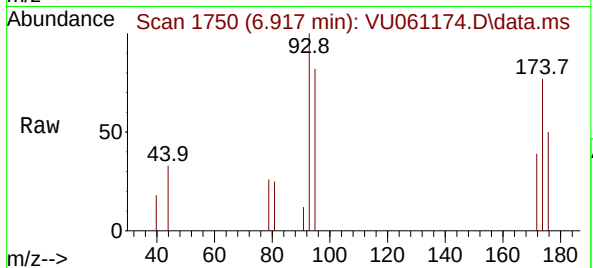
Tgt Ion: 56 Resp: 7897
Ion Ratio Lower Upper
56 100
41 51.5 23.9 71.7



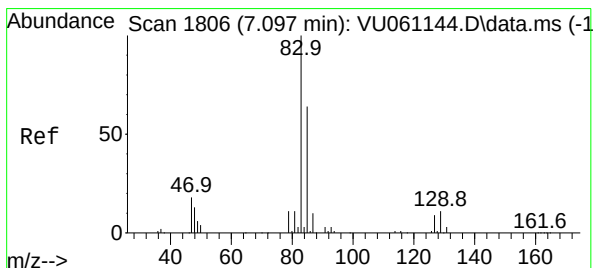
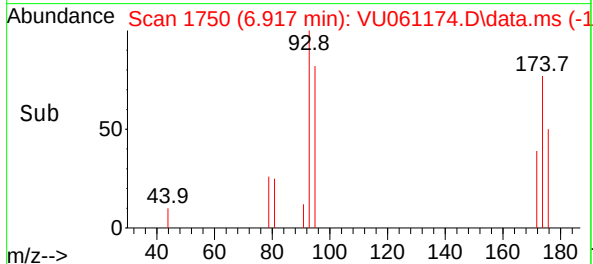
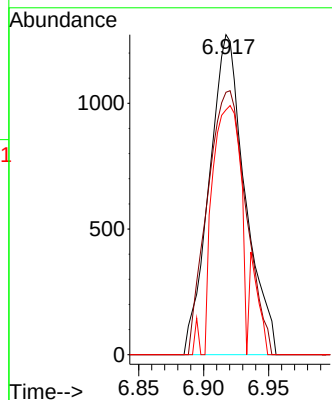


#43
Dibromomethane
Concen: 0.390 ug/l
RT: 6.917 min Scan# 1750
Delta R.T. 0.007 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

Instrument :
MSVOA_U
ClientSampleId :

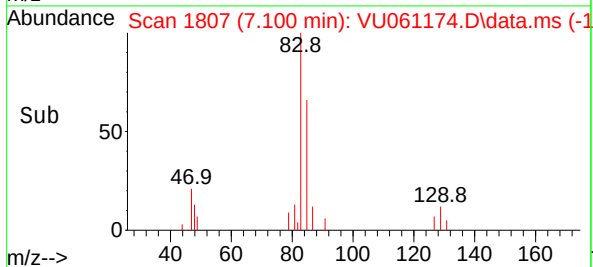
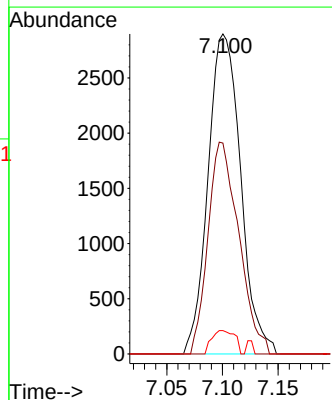
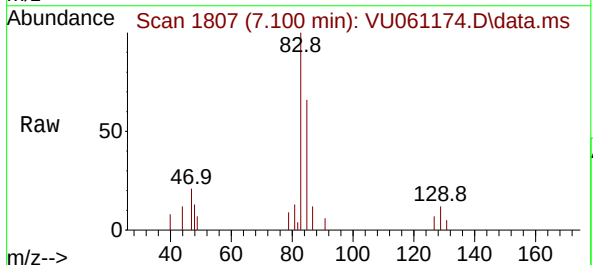


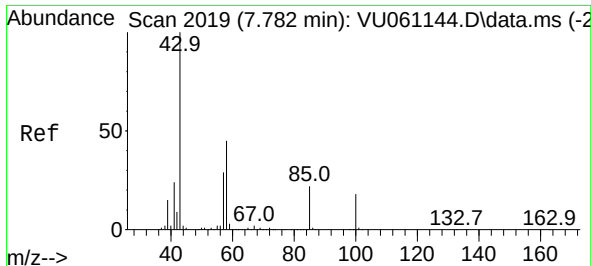
Tgt Ion: 93 Resp: 2441
Ion Ratio Lower Upper
93 100
95 88.7 67.5 101.3
174 60.8 71.2 106.8#



#44
Bromodichloromethane
Concen: 0.388 ug/l
RT: 7.100 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

Tgt Ion: 83 Resp: 5911
Ion Ratio Lower Upper
83 100
85 65.9 51.4 77.2
127 7.3 7.4 11.2#

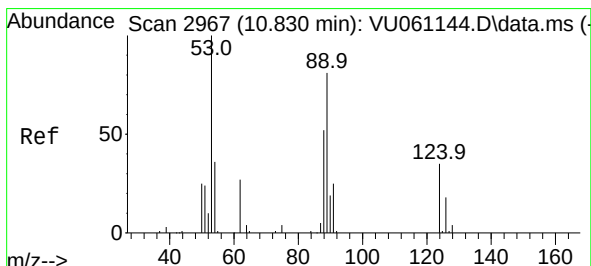
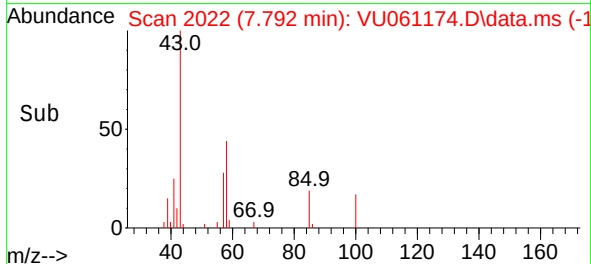
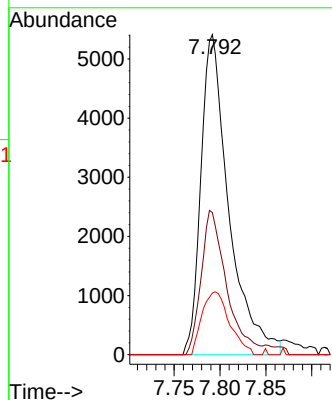
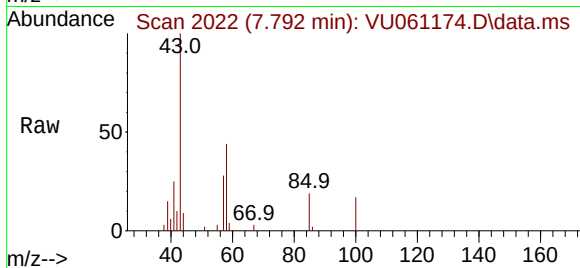




#45
4-Methyl-2-Pentanone
Concen: 1.827 ug/l
RT: 7.792 min Scan# 2019
Delta R.T. 0.010 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

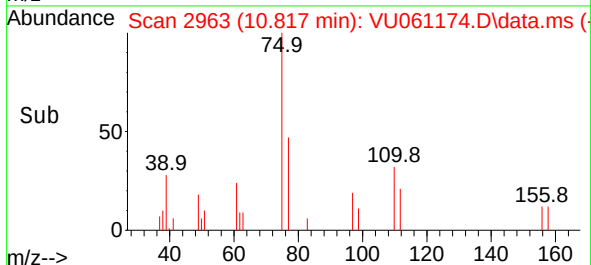
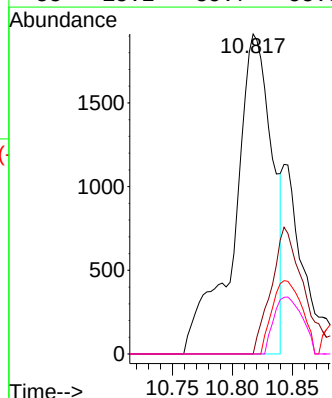
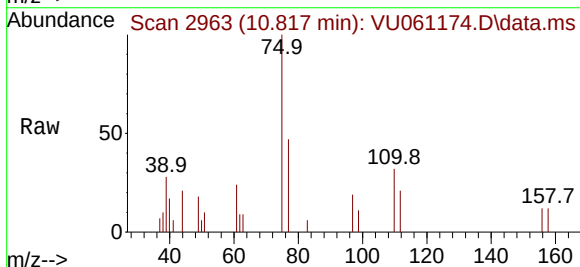
Instrument :
MSVOA_U
ClientSampleId :

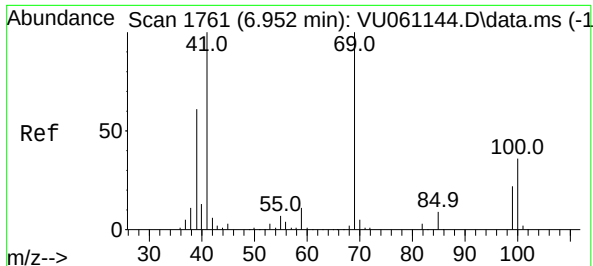
Tgt Ion: 43 Resp: 11475
Ion Ratio Lower Upper
43 100
58 41.0 22.2 66.6
85 19.3 17.2 25.8



#46
t-1,4-Dichloro-2-butene
Concen: 1.691 ug/l
RT: 10.817 min Scan# 2963
Delta R.T. -0.013 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

Tgt Ion: 75 Resp: 4237
Ion Ratio Lower Upper
75 100
53 33.5 66.0 99.0#
89 17.8 48.0 72.0#
88 13.2 35.7 53.5#

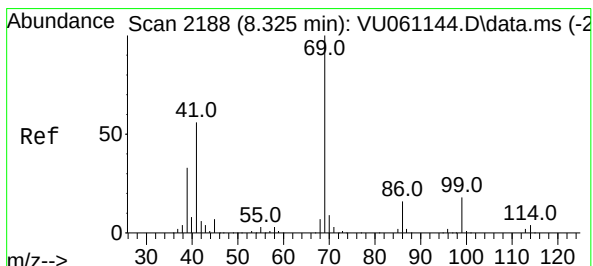
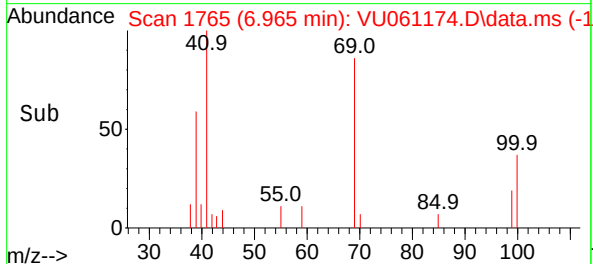
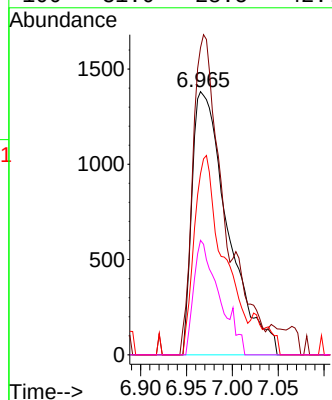
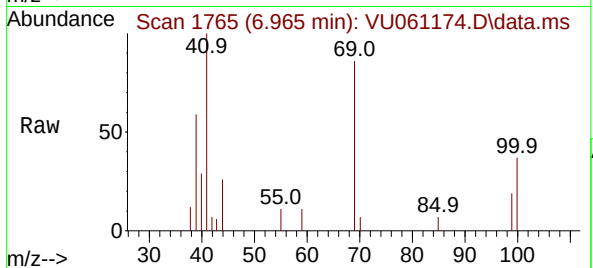




#47
Methyl methacrylate
Concen: 0.689 ug/l
RT: 6.965 min Scan# 1
Delta R.T. 0.013 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

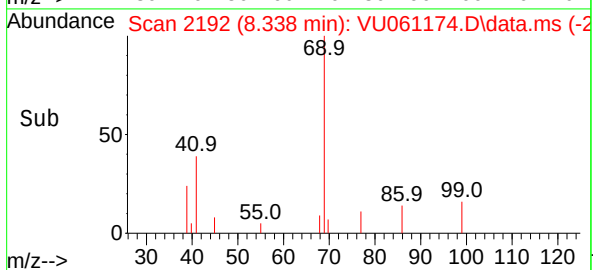
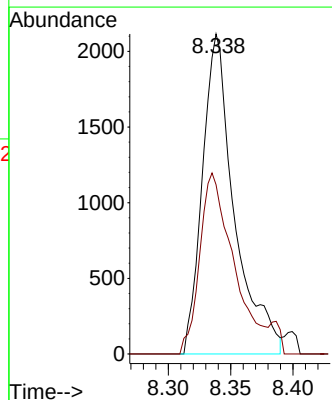
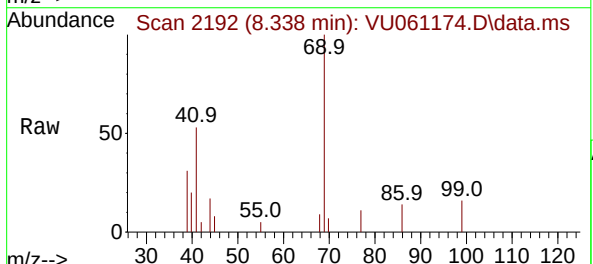
Instrument :
MSVOA_U
ClientSampleId :

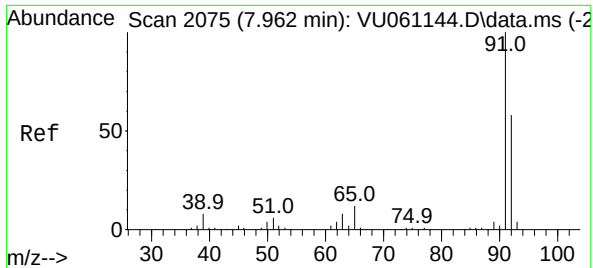
Tgt Ion: 69 Resp: 3747
Ion Ratio Lower Upper
69 100
41 88.0 0.0 196.0
39 61.9 48.0 72.0
100 31.0 28.5 42.7



#48
Ethyl methacrylate
Concen: 0.325 ug/l
RT: 8.338 min Scan# 2192
Delta R.T. 0.013 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

Tgt Ion: 69 Resp: 3774
Ion Ratio Lower Upper
69 100
41 60.3 28.1 84.3





#49

Toluene

Concen: 0.371 ug/l

RT: 7.968 min Scan# 2075

Delta R.T. 0.007 min

Lab File: VU061174.D

Acq: 21 Oct 2024 16:06

Instrument :

MSVOA_U

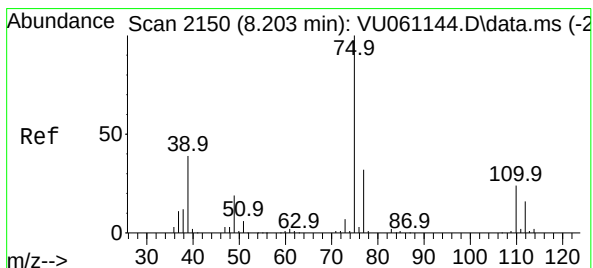
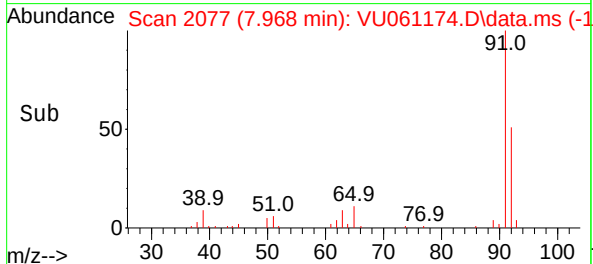
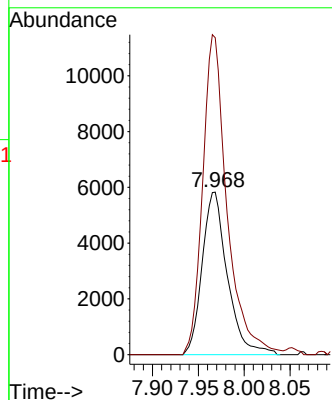
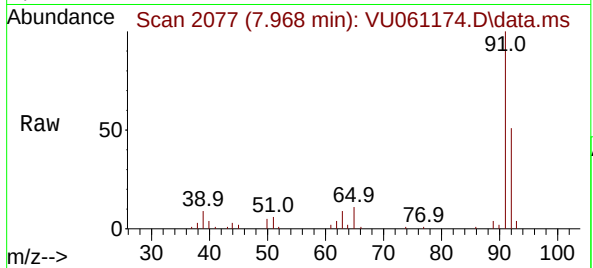
ClientSampleId :

Tgt Ion: 92 Resp: 11154

Ion Ratio Lower Upper

92 100

91 190.0 139.1 208.7



#50

t-1,3-Dichloropropene

Concen: 0.358 ug/l

RT: 8.210 min Scan# 2152

Delta R.T. 0.007 min

Lab File: VU061174.D

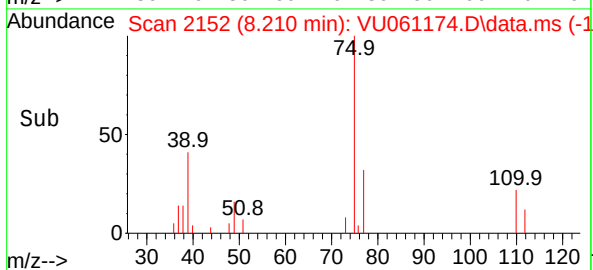
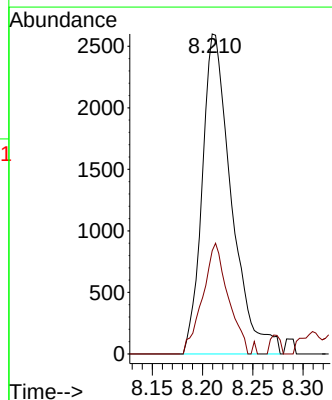
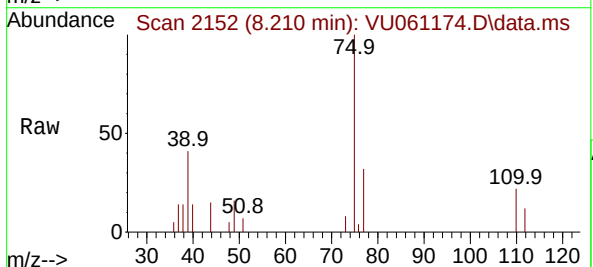
Acq: 21 Oct 2024 16:06

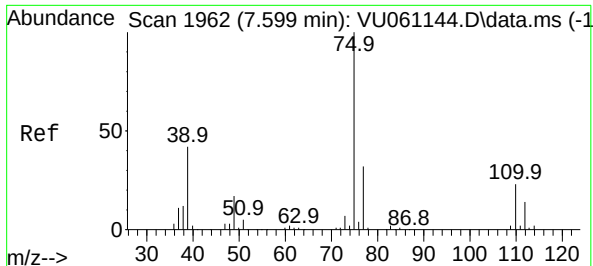
Tgt Ion: 75 Resp: 5257

Ion Ratio Lower Upper

75 100

77 32.2 25.9 38.9

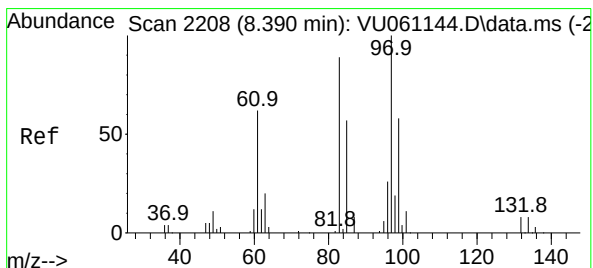
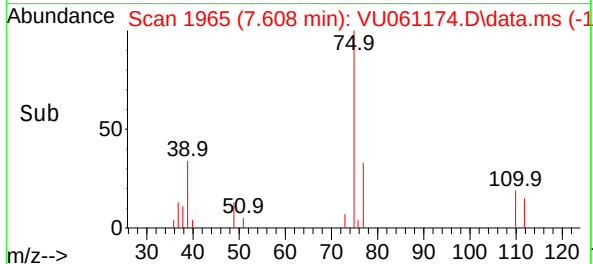
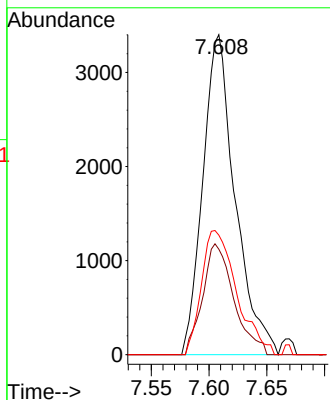
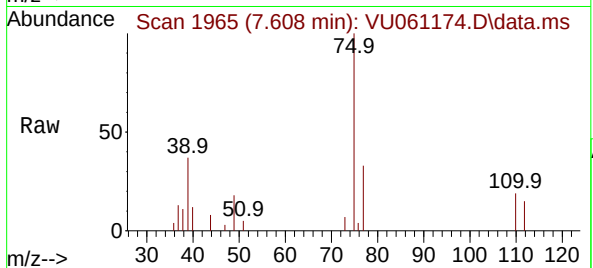




#51
cis-1,3-Dichloropropene
Concen: 0.366 ug/l
RT: 7.608 min Scan# 1965
Delta R.T. 0.010 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

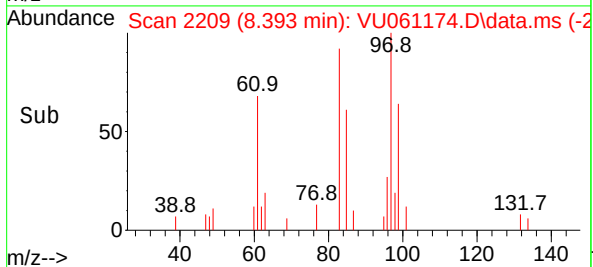
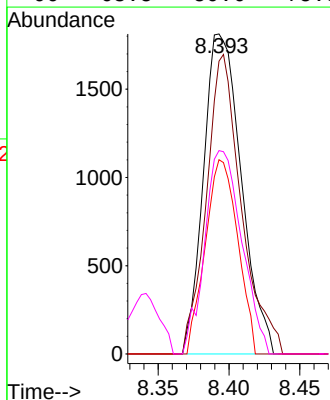
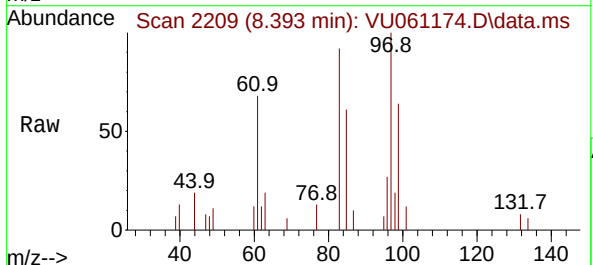
Instrument :
MSVOA_U
ClientSampleId :

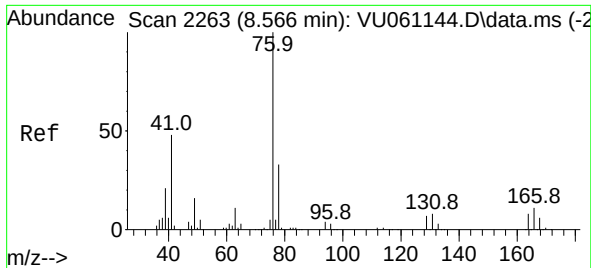
Tgt Ion: 75 Resp: 6597
Ion Ratio Lower Upper
75 100
77 33.0 25.8 38.8
39 37.4 33.7 50.5



#52
1,1,2-Trichloroethane
Concen: 0.398 ug/l
RT: 8.393 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

Tgt Ion: 97 Resp: 3361
Ion Ratio Lower Upper
97 100
83 91.5 71.0 106.4
85 60.7 46.1 69.1
99 63.5 50.6 75.8

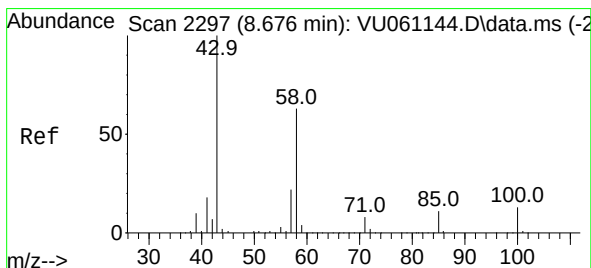
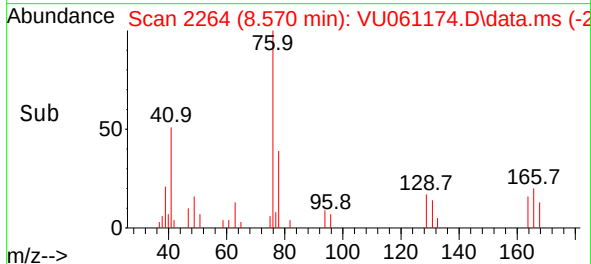
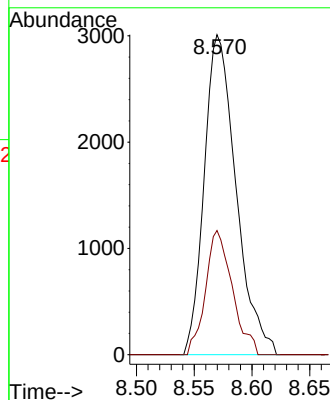
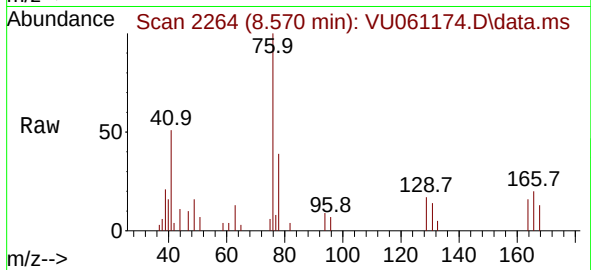




#53
1,3-Dichloropropane
Concen: 0.389 ug/l
RT: 8.570 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

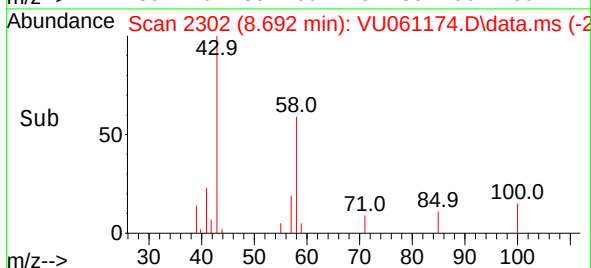
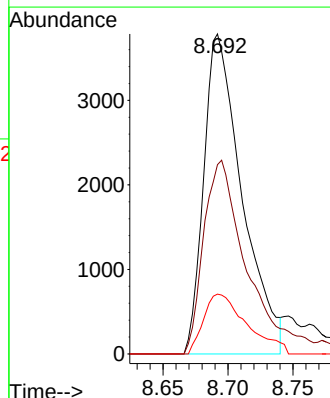
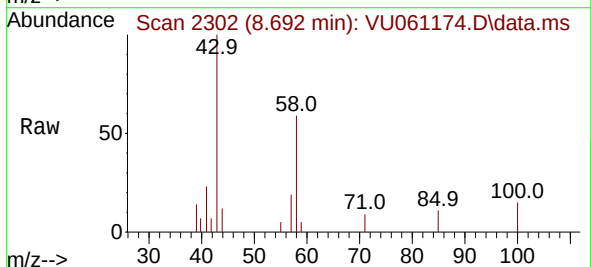
Instrument :
MSVOA_U
ClientSampleId :

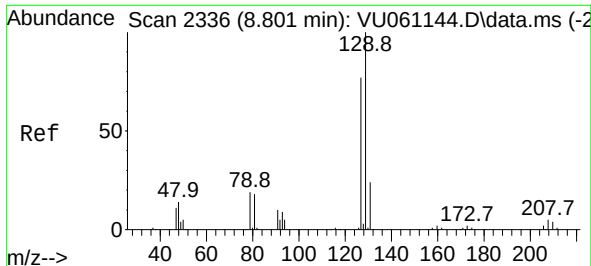
Tgt Ion: 76 Resp: 5768
Ion Ratio Lower Upper
76 100
78 32.6 26.2 39.2



#54
2-Hexanone
Concen: 1.504 ug/l
RT: 8.692 min Scan# 2302
Delta R.T. 0.016 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

Tgt Ion: 43 Resp: 7762
Ion Ratio Lower Upper
43 100
58 68.2 41.8 81.8
57 21.1 1.4 41.4





#55

Dibromochloromethane

Concen: 0.357 ug/l

RT: 8.801 min Scan# 2336

Delta R.T. 0.000 min

Lab File: VU061174.D

Acq: 21 Oct 2024 16:06

Instrument :

MSVOA_U

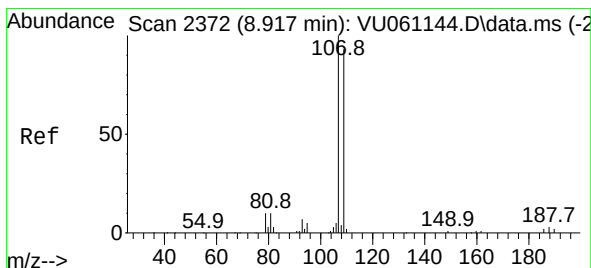
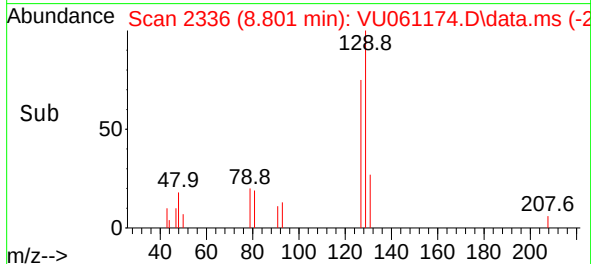
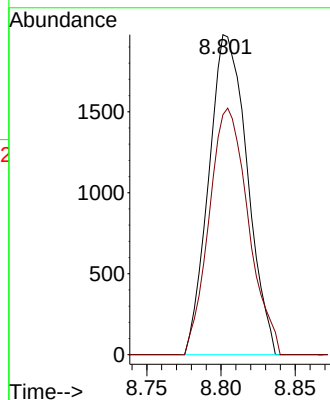
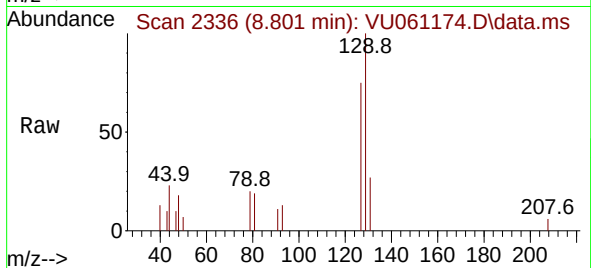
ClientSampleId :

Tgt Ion:129 Resp: 3557

Ion Ratio Lower Upper

129 100

127 78.7 61.9 92.9



#56

1,2-Dibromoethane

Concen: 0.344 ug/l

RT: 8.923 min Scan# 2374

Delta R.T. 0.007 min

Lab File: VU061174.D

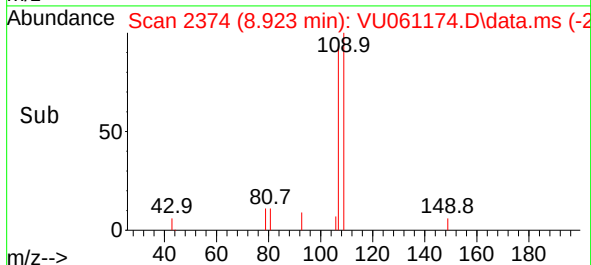
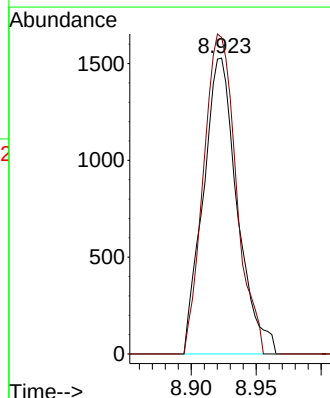
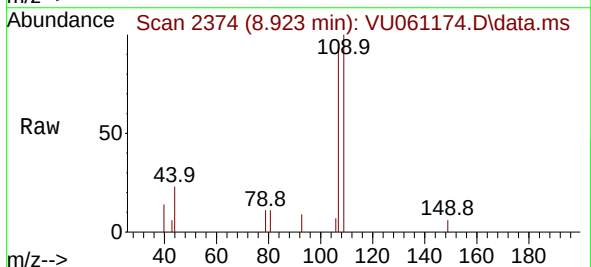
Acq: 21 Oct 2024 16:06

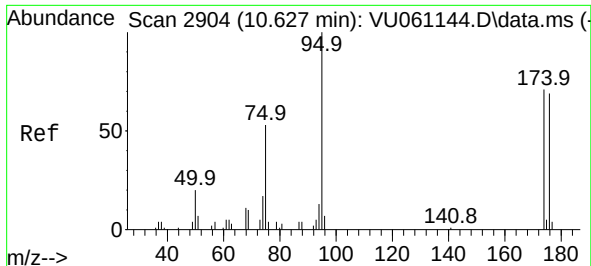
Tgt Ion:107 Resp: 2784

Ion Ratio Lower Upper

107 100

109 104.1 0.0 185.2





#57

4-Bromofluorobenzene

Concen: 0.951 ug/l

RT: 10.631 min Scan# 2905

Delta R.T. 0.003 min

Lab File: VU061174.D

Acq: 21 Oct 2024 16:06

Instrument :

MSVOA_U

ClientSampleId :

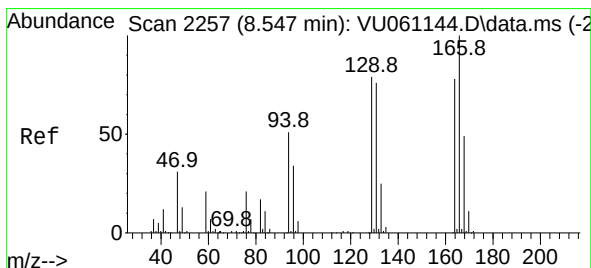
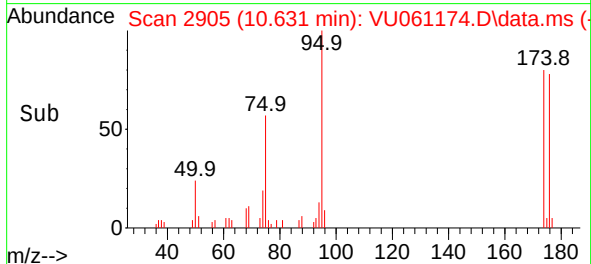
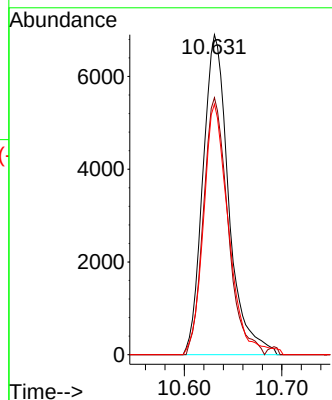
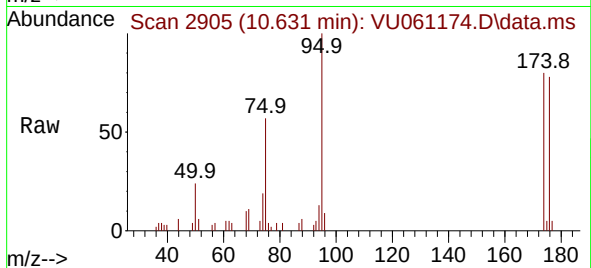
Tgt Ion: 95 Resp: 12687

Ion Ratio Lower Upper

95 100

174 76.3 55.4 83.0

176 76.2 54.4 81.6



#58

Tetrachloroethene

Concen: 0.384 ug/l

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

Lab File: VU061174.D

Acq: 21 Oct 2024 16:06

Tgt Ion:164 Resp: 4140

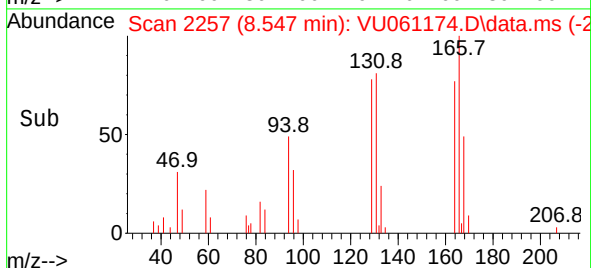
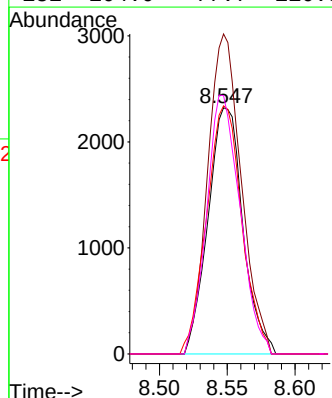
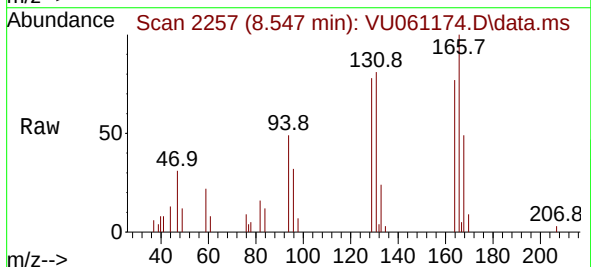
Ion Ratio Lower Upper

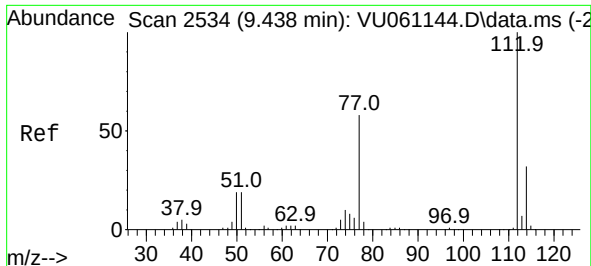
164 100

166 129.9 102.1 153.1

129 100.8 80.6 120.8

131 104.9 77.7 116.5

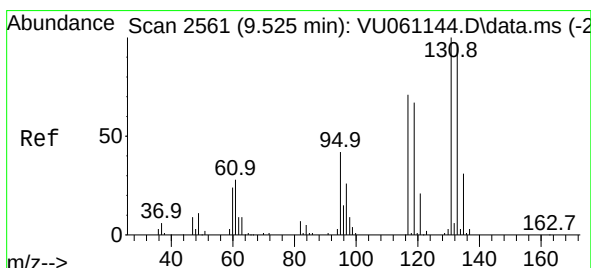
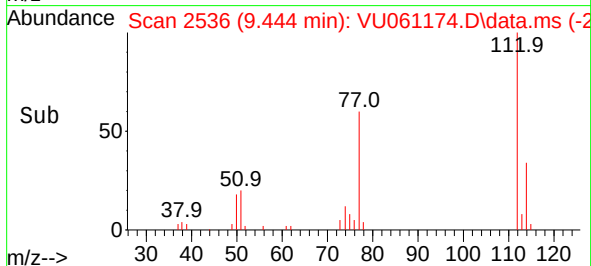
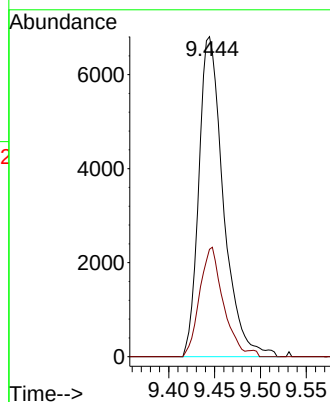
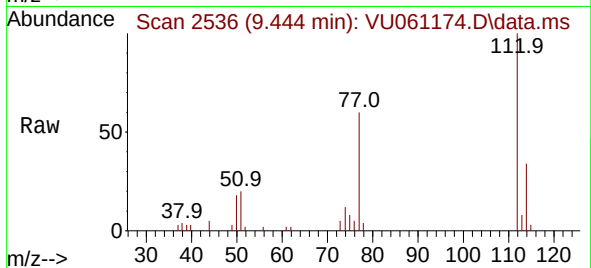




#59
Chlorobenzene
Concen: 0.391 ug/l
RT: 9.444 min Scan# 2536
Delta R.T. 0.006 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

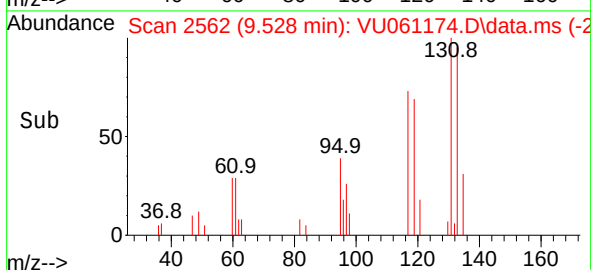
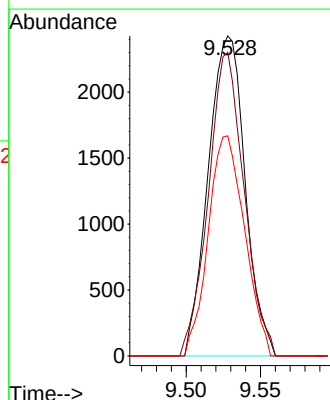
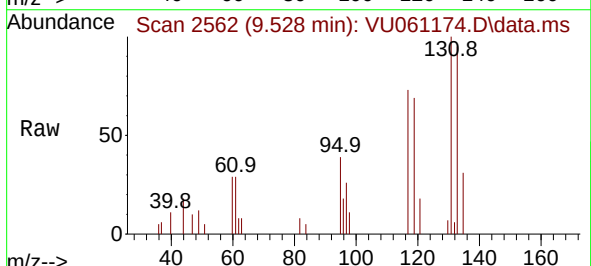
Instrument :
MSVOA_U
ClientSampleId :

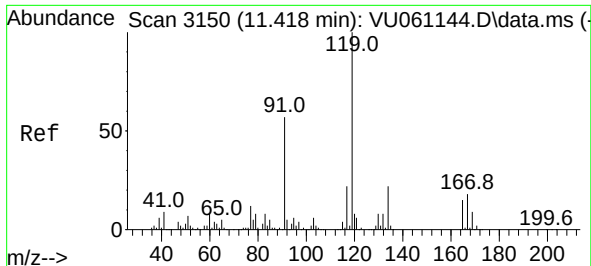
Tgt Ion:112 Resp: 12683
Ion Ratio Lower Upper
112 100
114 33.5 25.4 38.2



#60
1,1,1,2-Tetrachloroethane
Concen: 0.383 ug/l
RT: 9.528 min Scan# 2562
Delta R.T. 0.003 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

Tgt Ion:131 Resp: 4188
Ion Ratio Lower Upper
131 100
133 91.8 76.8 115.2
119 67.8 54.2 81.2

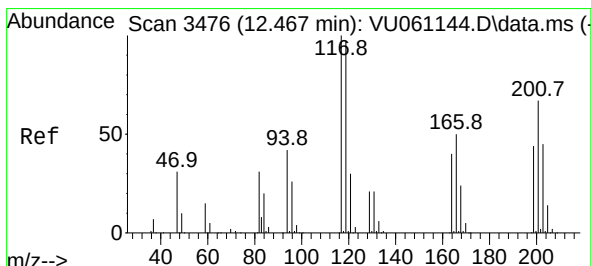
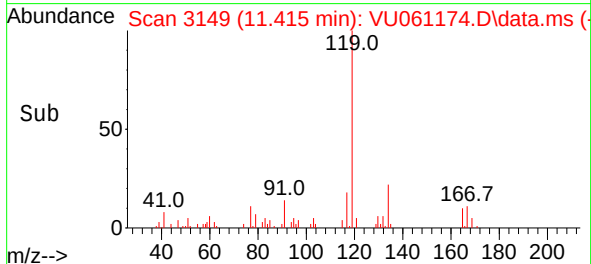
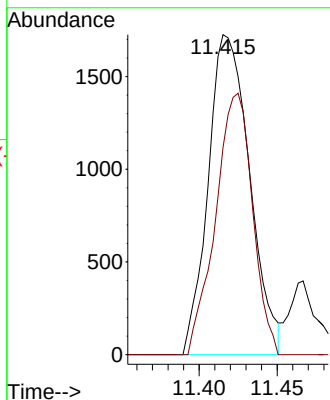
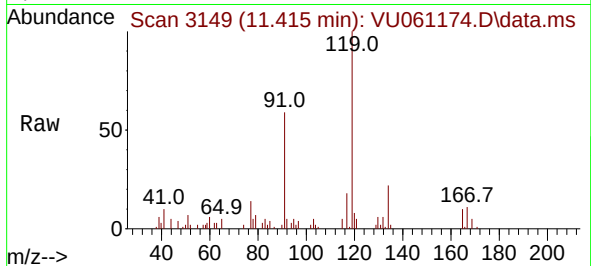




#61
Pentachloroethane
Concen: 0.381 ug/l
RT: 11.415 min Scan# 3150
Delta R.T. -0.003 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

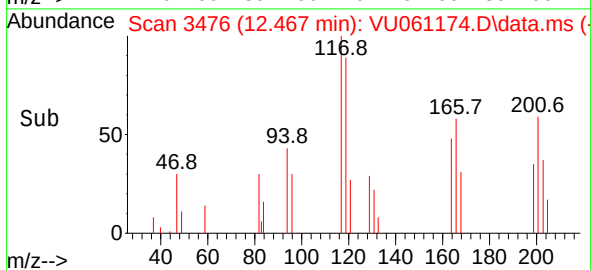
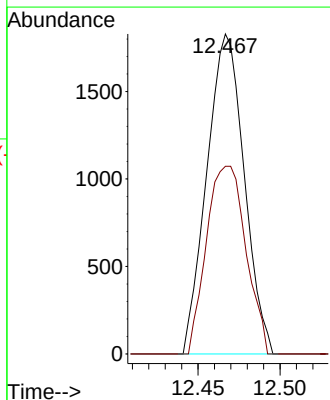
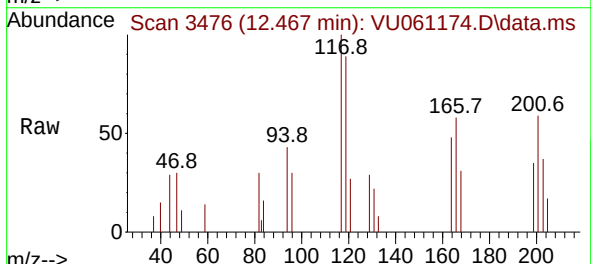
Instrument :
MSVOA_U
ClientSampleId :

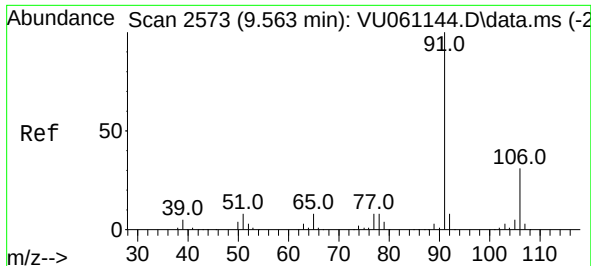
Tgt Ion:117 Resp: 3193
Ion Ratio Lower Upper
117 100
167 72.8 63.4 95.2



#62
Hexachloroethane
Concen: 0.335 ug/l
RT: 12.467 min Scan# 3476
Delta R.T. 0.000 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

Tgt Ion:117 Resp: 2892
Ion Ratio Lower Upper
117 100
201 61.9 54.3 81.5





#63

Ethyl Benzene

Concen: 0.383 ug/l

RT: 9.566 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU061174.D

Acq: 21 Oct 2024 16:06

Instrument :

MSVOA_U

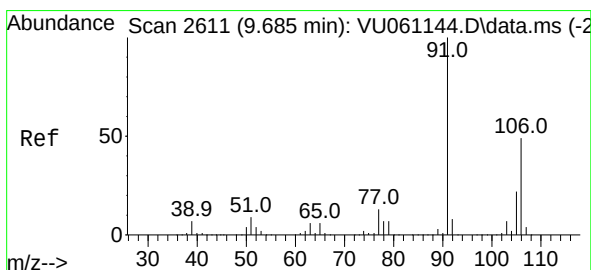
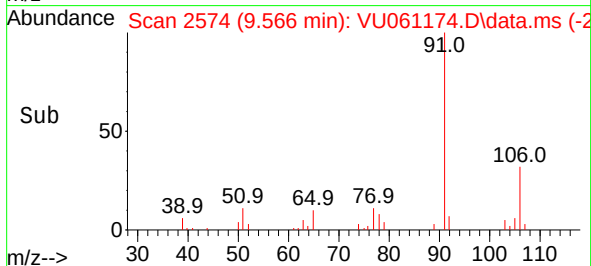
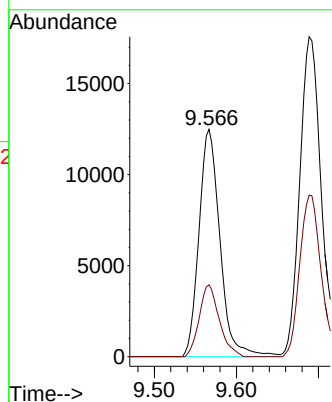
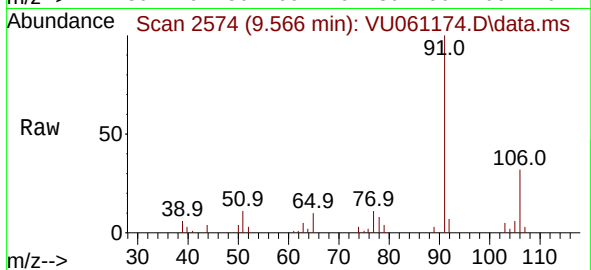
ClientSampleId :

Tgt Ion: 91 Resp: 22235

Ion Ratio Lower Upper

91 100

106 31.6 24.6 37.0



#64

m/p-Xylenes

Concen: 0.736 ug/l

RT: 9.689 min Scan# 2612

Delta R.T. 0.003 min

Lab File: VU061174.D

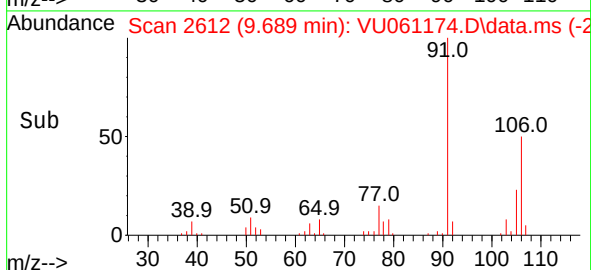
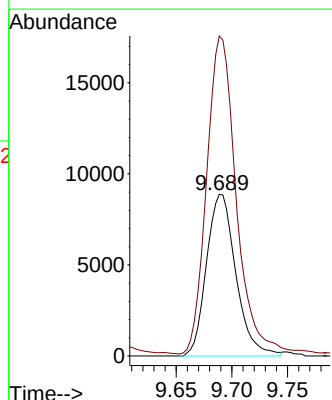
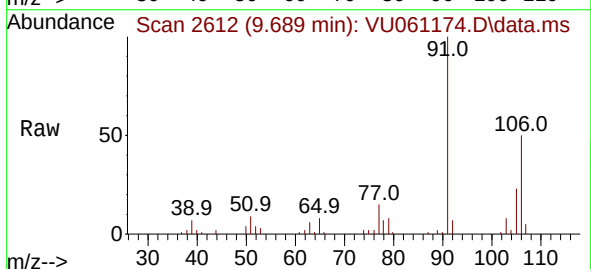
Acq: 21 Oct 2024 16:06

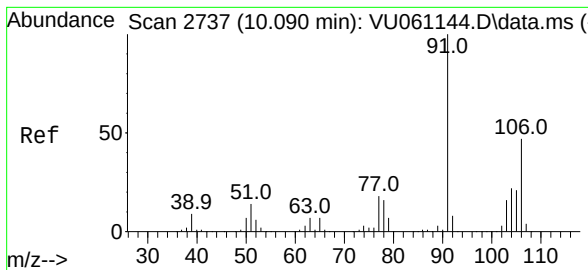
Tgt Ion:106 Resp: 16275

Ion Ratio Lower Upper

106 100

91 205.0 163.3 244.9

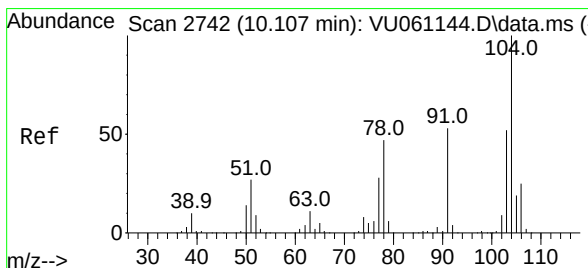
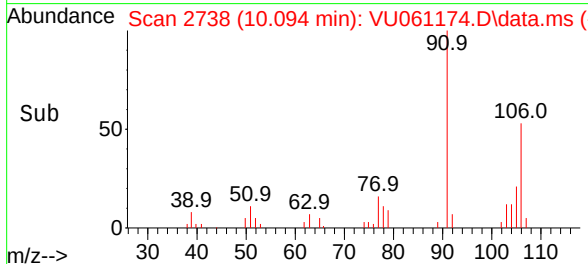
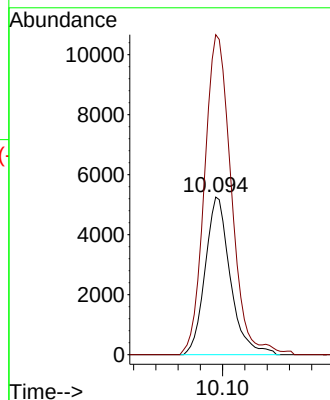
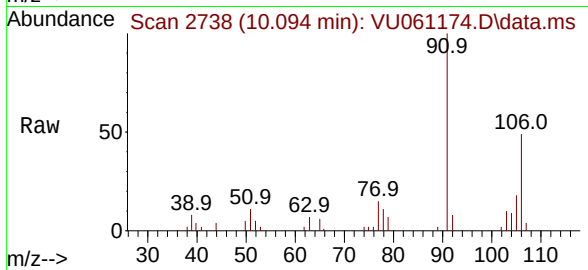




#65
o-Xylene
Concen: 0.379 ug/l
RT: 10.094 min Scan# 2737
Delta R.T. 0.003 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

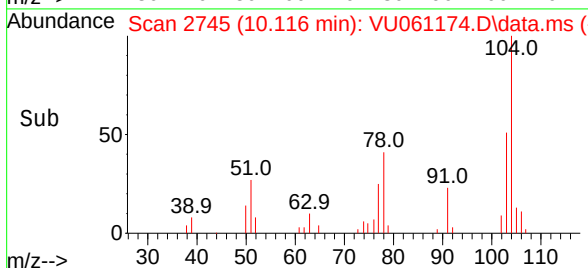
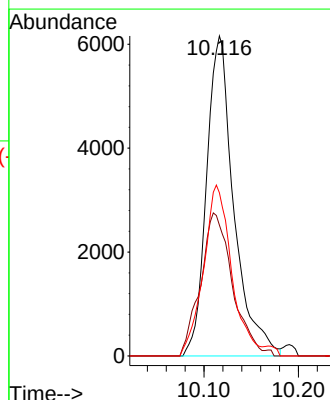
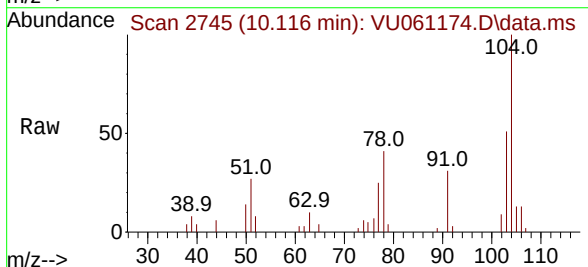
Instrument :
MSVOA_U
ClientSampleId :

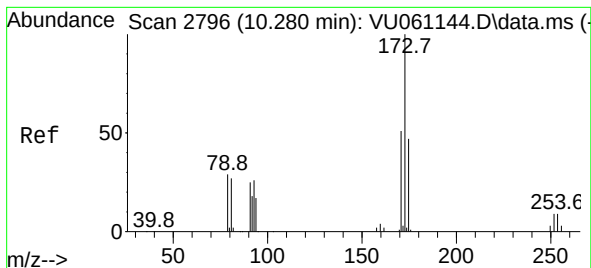
Tgt Ion:106 Resp: 8244
Ion Ratio Lower Upper
106 100
91 216.8 106.9 320.8



#66
Styrene
Concen: 0.365 ug/l
RT: 10.116 min Scan# 2745
Delta R.T. 0.010 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

Tgt Ion:104 Resp: 12374
Ion Ratio Lower Upper
104 100
78 52.4 41.6 62.4
103 55.0 45.0 67.6





#67

Bromoform

Concen: 0.341 ug/l

RT: 10.283 min Scan# 21

Delta R.T. 0.003 min

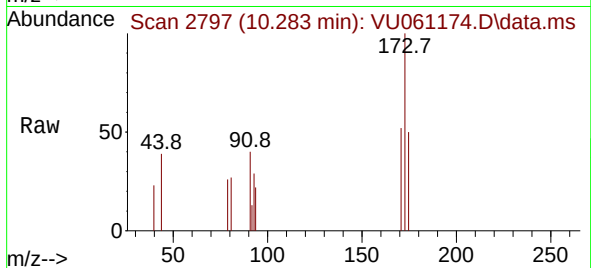
Lab File: VU061174.D

Acq: 21 Oct 2024 16:06

Instrument :

MSVOA_U

ClientSampleId :



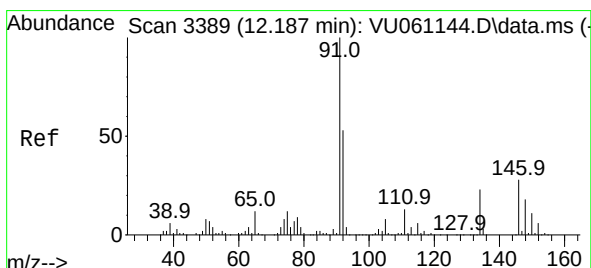
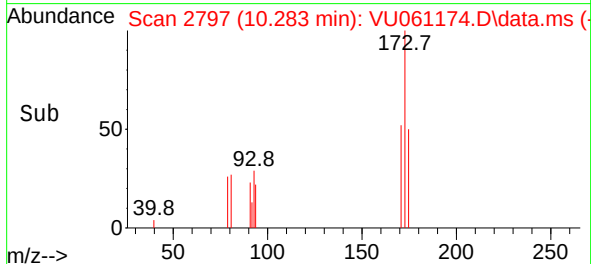
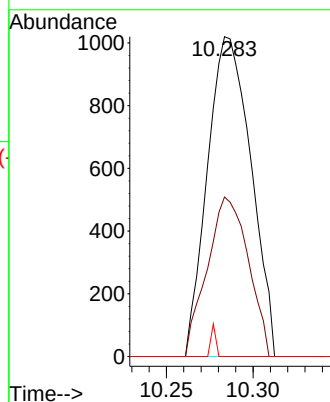
Tgt Ion:173 Resp: 1779

Ion Ratio Lower Upper

173 100

175 47.2 37.8 56.8

254 1.1 7.0 10.4#



#68

1,2-Dichlorobenzene-d4

Concen: 0.952 ug/l

RT: 12.190 min Scan# 3390

Delta R.T. 0.003 min

Lab File: VU061174.D

Acq: 21 Oct 2024 16:06

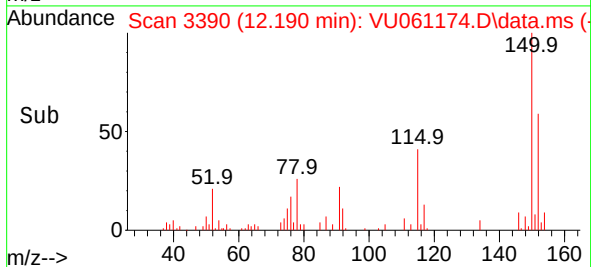
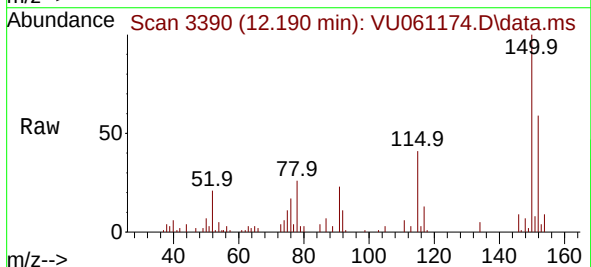
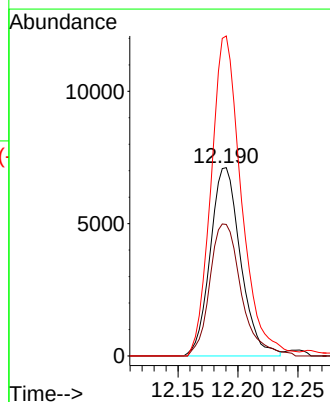
Tgt Ion:152 Resp: 12510

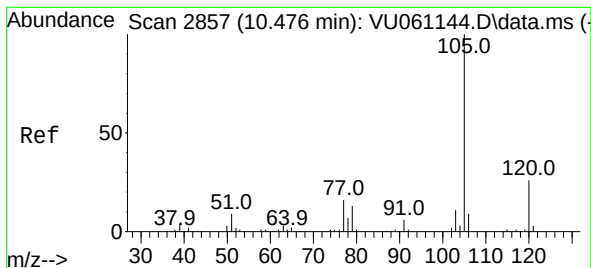
Ion Ratio Lower Upper

152 100

115 72.7 0.0 275.0

150 170.1 0.0 668.8





#69

Isopropylbenzene

Concen: 0.356 ug/l

RT: 10.480 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU061174.D

Acq: 21 Oct 2024 16:06

Instrument :

MSVOA_U

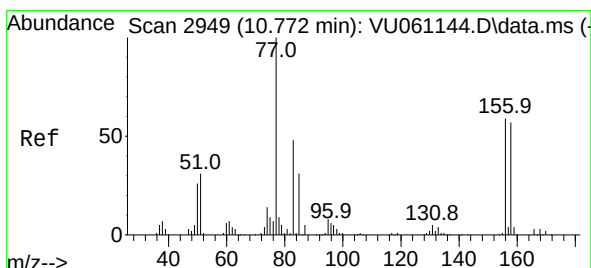
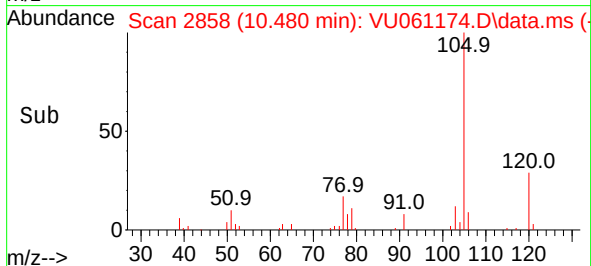
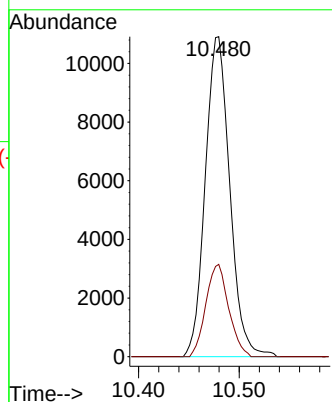
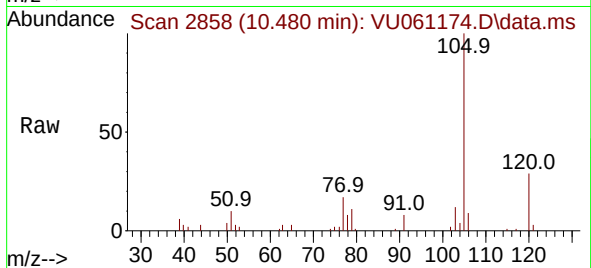
ClientSampleId :

Tgt Ion:105 Resp: 18454

Ion Ratio Lower Upper

105 100

120 26.9 13.1 39.1



#70

1,1,2,2-Tetrachloroethane

Concen: 0.366 ug/l

RT: 10.772 min Scan# 2949

Delta R.T. 0.000 min

Lab File: VU061174.D

Acq: 21 Oct 2024 16:06

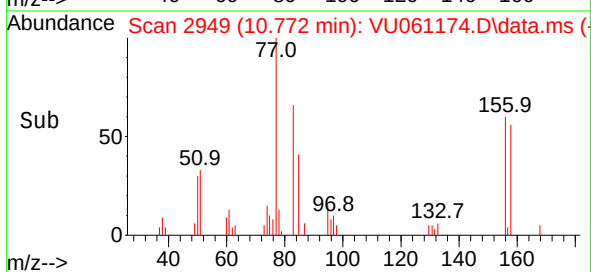
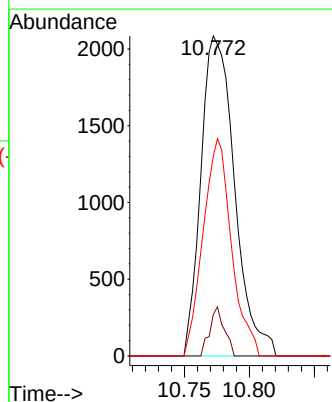
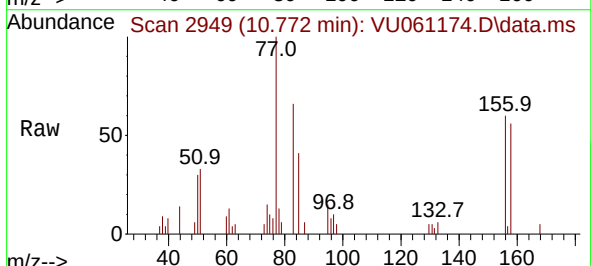
Tgt Ion: 83 Resp: 3755

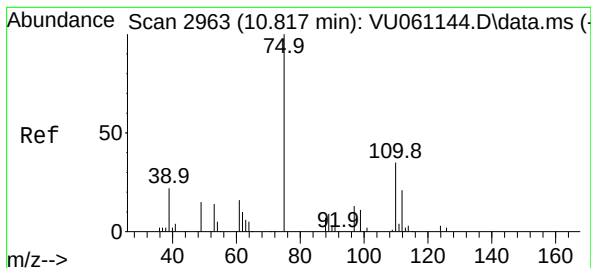
Ion Ratio Lower Upper

83 100

131 6.6 7.8 11.8#

85 57.2 50.8 76.2





#71

1,2,3-Trichloropropane

Concen: 0.508 ug/l

RT: 10.817 min Scan# 2963

Delta R.T. 0.000 min

Lab File: VU061174.D

Acq: 21 Oct 2024 16:06

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 75 Resp: 4237

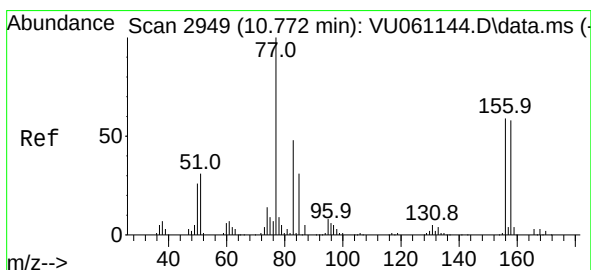
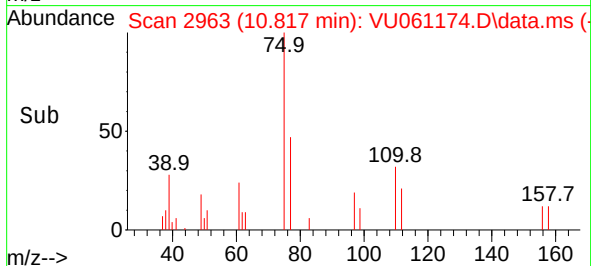
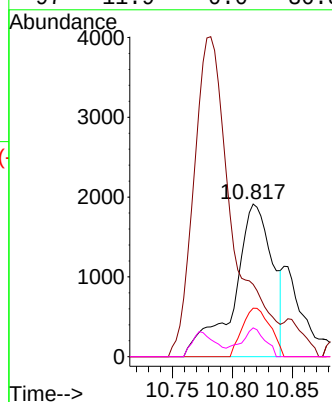
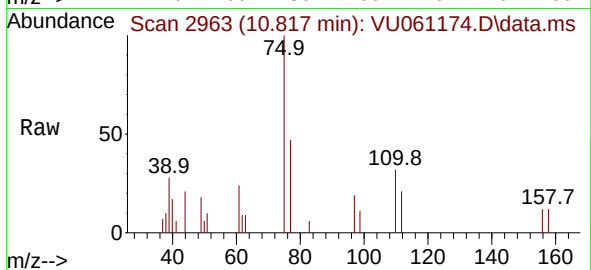
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

110 23.2 0.0 68.6

97 11.9 0.0 36.8



#72

Bromobenzene

Concen: 0.376 ug/l

RT: 10.782 min Scan# 2952

Delta R.T. 0.010 min

Lab File: VU061174.D

Acq: 21 Oct 2024 16:06

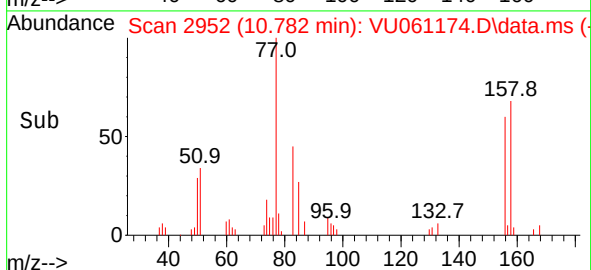
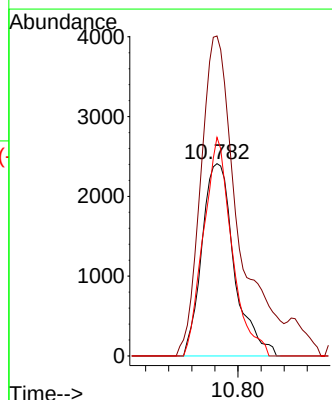
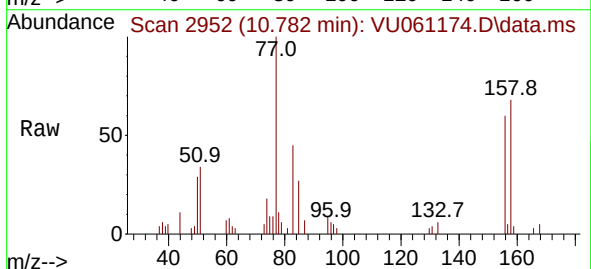
Tgt Ion: 156 Resp: 4688

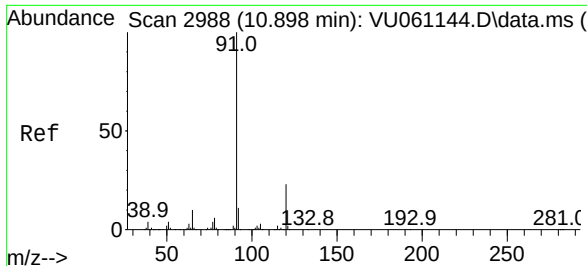
Ion Ratio Lower Upper

156 100

77 191.0 0.0 337.2

158 99.9 0.0 192.8





#73

n-propylbenzene

Concen: 0.340 ug/l

RT: 10.901 min Scan# 2989

Delta R.T. 0.003 min

Lab File: VU061174.D

Acq: 21 Oct 2024 16:06

Instrument :

MSVOA_U

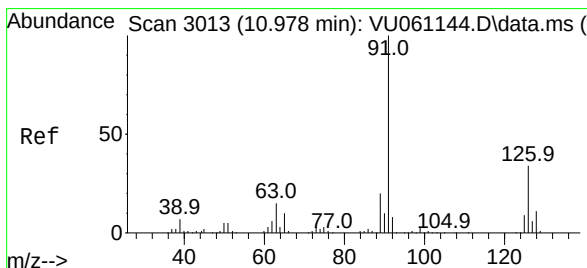
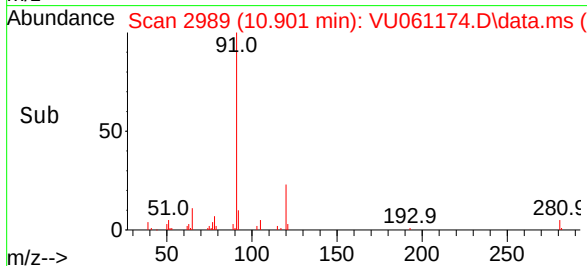
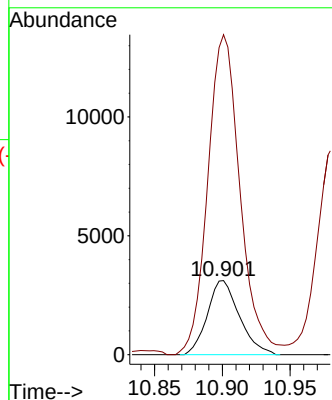
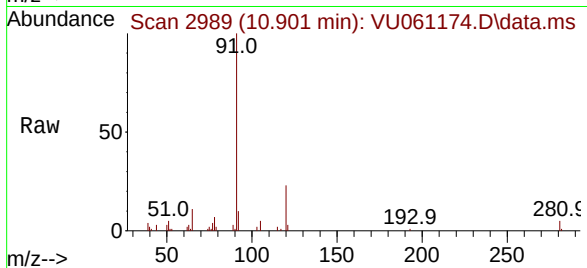
ClientSampleId :

Tgt Ion:120 Resp: 5133

Ion Ratio Lower Upper

120 100

91 434.8 353.6 530.4



#74

2-Chlorotoluene

Concen: 0.344 ug/l

RT: 10.981 min Scan# 3014

Delta R.T. 0.003 min

Lab File: VU061174.D

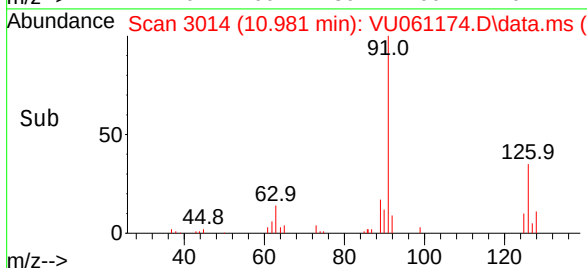
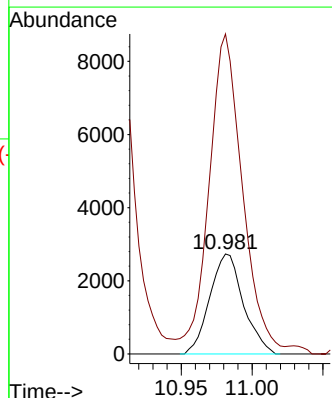
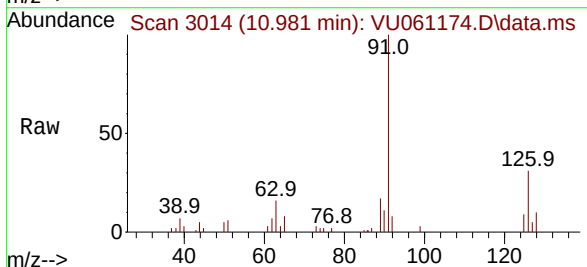
Acq: 21 Oct 2024 16:06

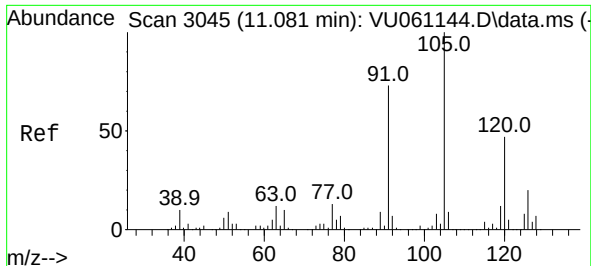
Tgt Ion:126 Resp: 4503

Ion Ratio Lower Upper

126 100

91 303.7 0.0 595.2





#75

1,3,5-Trimethylbenzene

Concen: 0.358 ug/l

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU061174.D

Acq: 21 Oct 2024 16:06

Instrument :

MSVOA_U

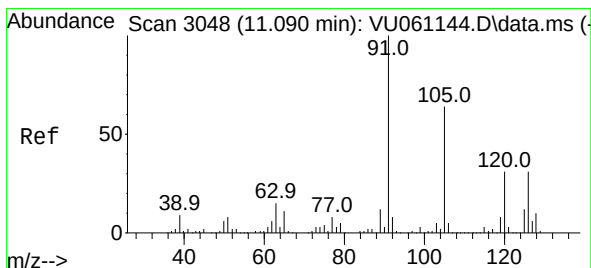
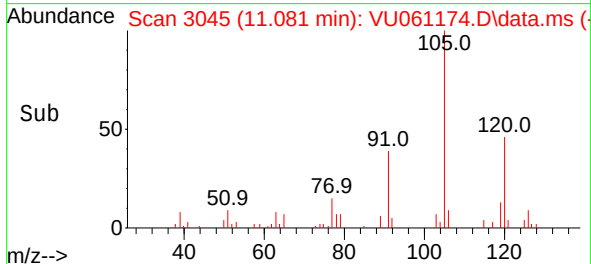
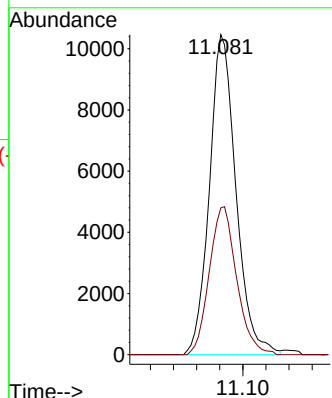
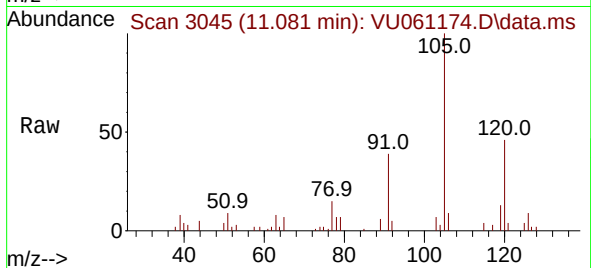
ClientSampleId :

Tgt Ion:105 Resp: 16704

Ion Ratio Lower Upper

105 100

120 47.6 38.0 57.0



#76

4-Chlorotoluene

Concen: 0.341 ug/l

RT: 11.097 min Scan# 3050

Delta R.T. 0.006 min

Lab File: VU061174.D

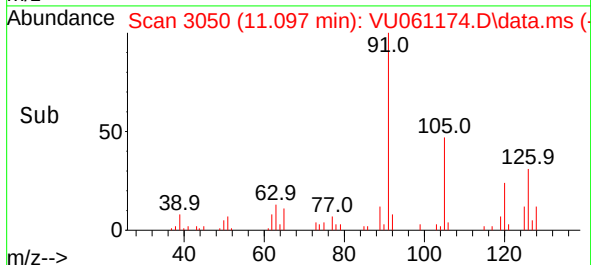
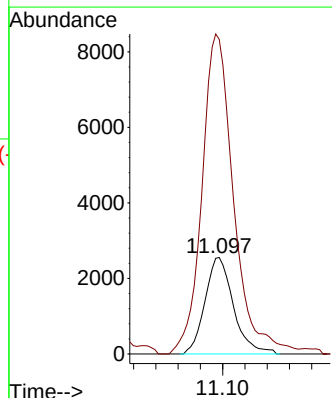
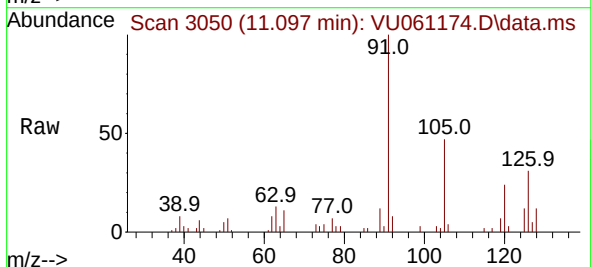
Acq: 21 Oct 2024 16:06

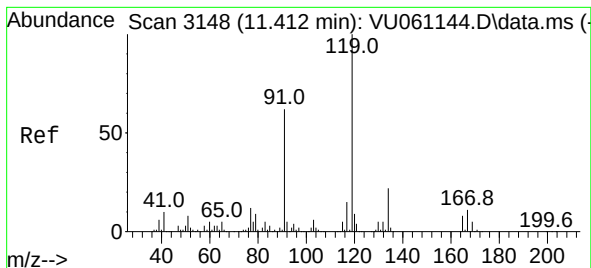
Tgt Ion:126 Resp: 4534

Ion Ratio Lower Upper

126 100

91 368.3 0.0 678.2





#77

tert-Butylbenzene

Concen: 0.368 ug/l

RT: 11.412 min Scan# 3148

Delta R.T. 0.000 min

Lab File: VU061174.D

Acq: 21 Oct 2024 16:06

Instrument :

MSVOA_U

ClientSampleId :

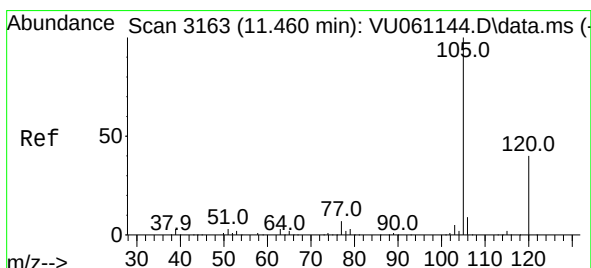
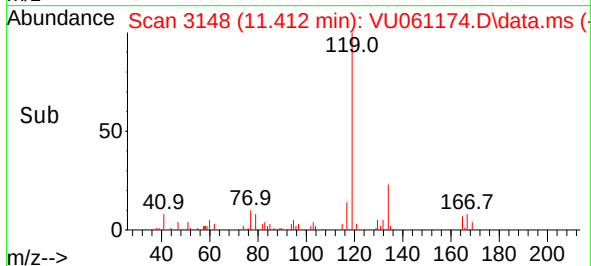
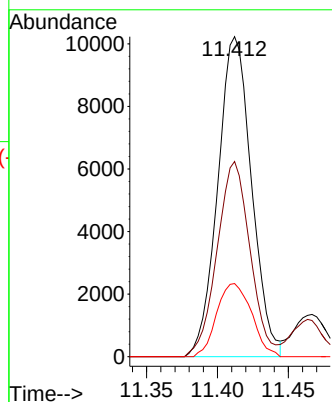
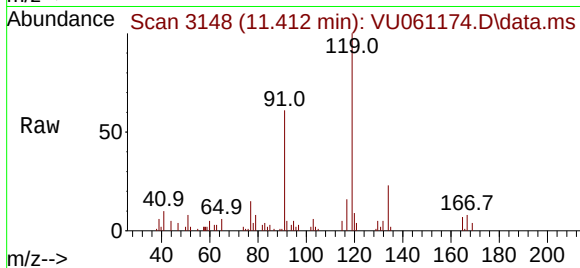
Tgt Ion:119 Resp: 16972

Ion Ratio Lower Upper

119 100

91 59.6 30.1 90.5

134 23.5 17.5 26.3



#78

1,2,4-Trimethylbenzene

Concen: 0.337 ug/l

RT: 11.464 min Scan# 3164

Delta R.T. 0.003 min

Lab File: VU061174.D

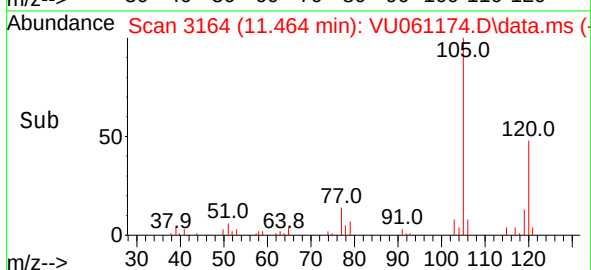
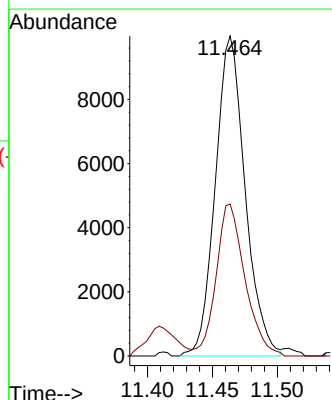
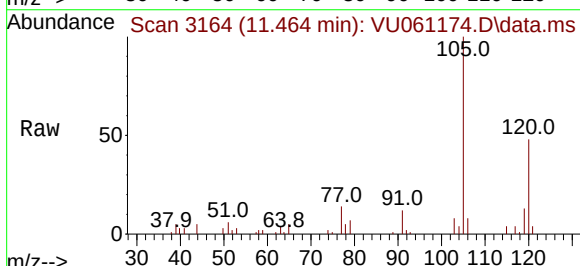
Acq: 21 Oct 2024 16:06

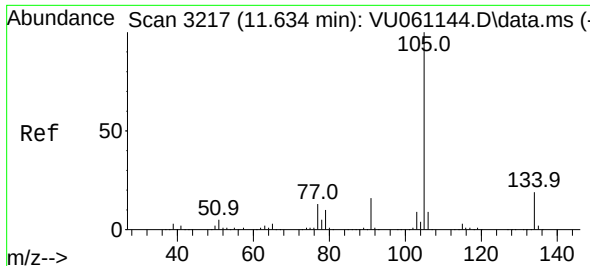
Tgt Ion:105 Resp: 15897

Ion Ratio Lower Upper

105 100

120 45.9 22.3 66.9





#79

sec-Butylbenzene

Concen: 0.341 ug/l

RT: 11.637 min Scan# 3217

Delta R.T. 0.003 min

Lab File: VU061174.D

Acq: 21 Oct 2024 16:06

Instrument :

MSVOA_U

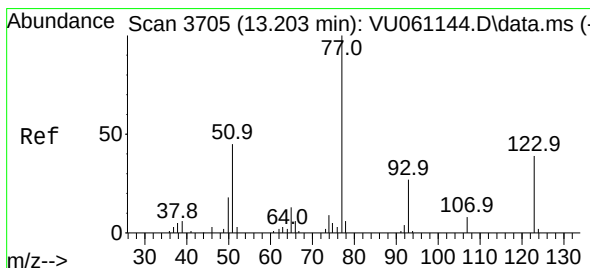
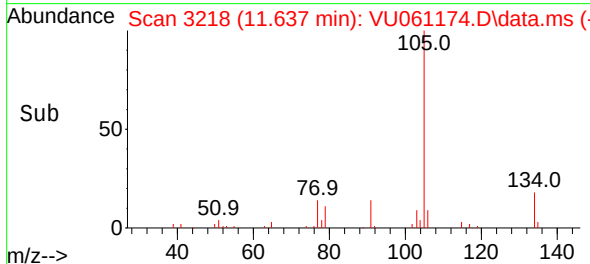
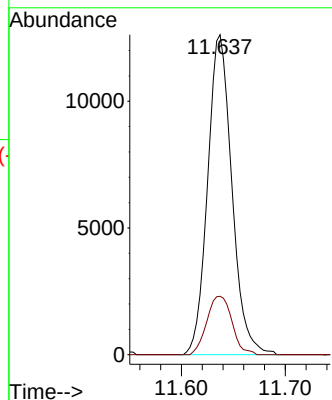
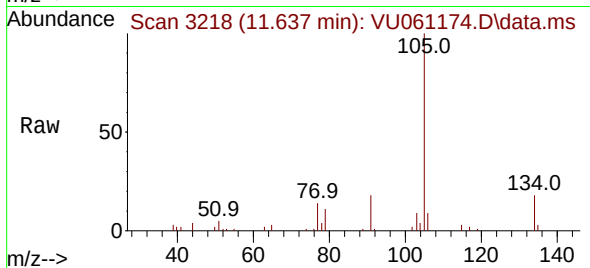
ClientSampleId :

Tgt Ion:105 Resp: 20490

Ion Ratio Lower Upper

105 100

134 18.9 15.5 23.3



#80

Nitrobenzene

Concen: 0.477 ug/l

RT: 13.245 min Scan# 3718

Delta R.T. 0.042 min

Lab File: VU061174.D

Acq: 21 Oct 2024 16:06

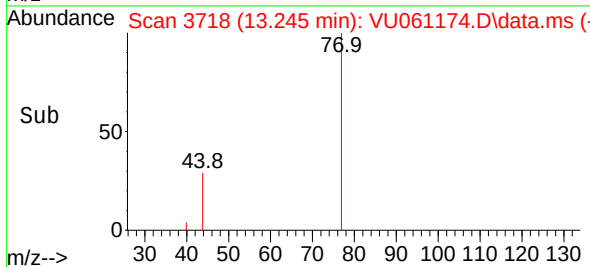
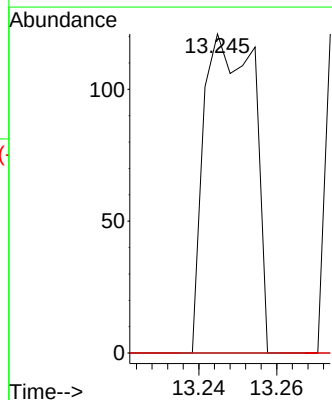
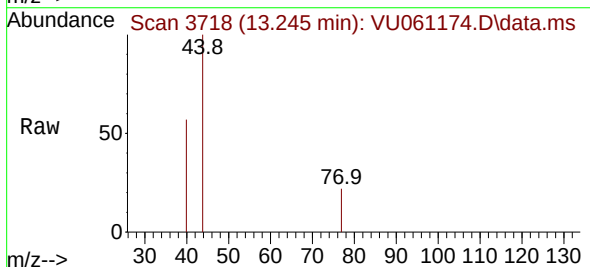
Tgt Ion: 77 Resp: 107

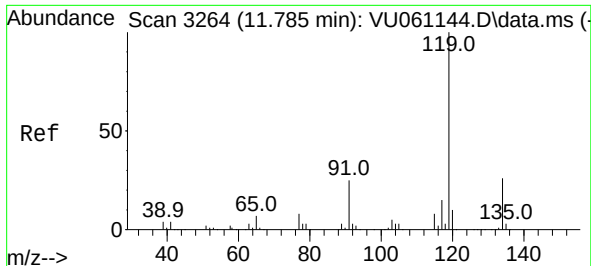
Ion Ratio Lower Upper

77 100

123 0.0 15.6 55.2#

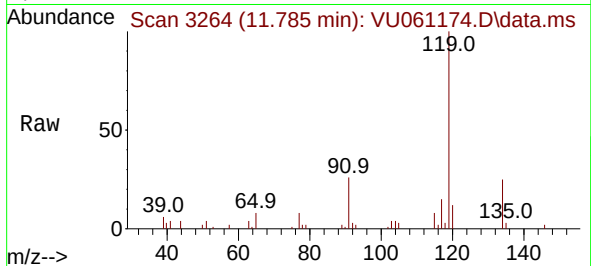
65 0.0 10.7 13.7#



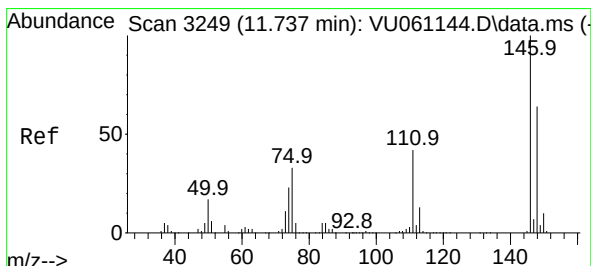
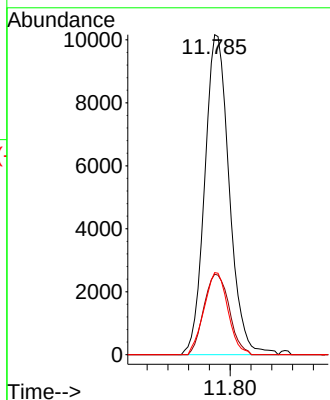
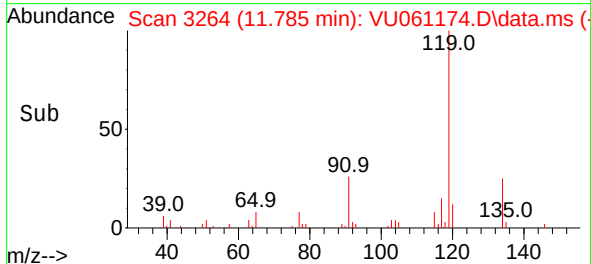


#81
 p-Isopropyltoluene
 Concen: 0.334 ug/l
 RT: 11.785 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU061174.D
 Acq: 21 Oct 2024 16:06

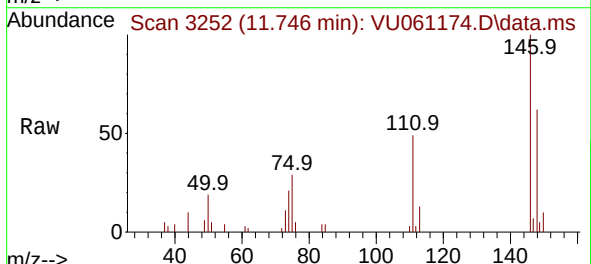
Instrument :
 MSVOA_U
 ClientSampleId :



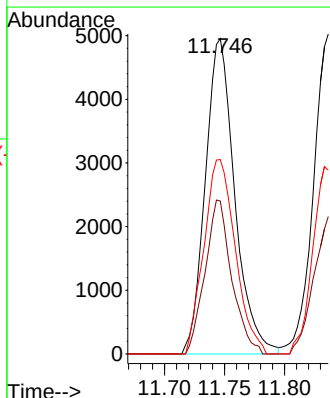
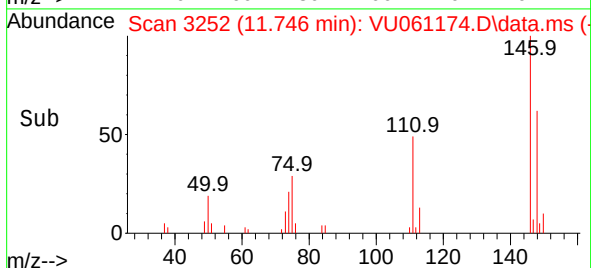
Tgt Ion:119 Resp: 16642
 Ion Ratio Lower Upper
 119 100
 134 26.0 21.0 31.6
 91 24.9 19.8 29.8

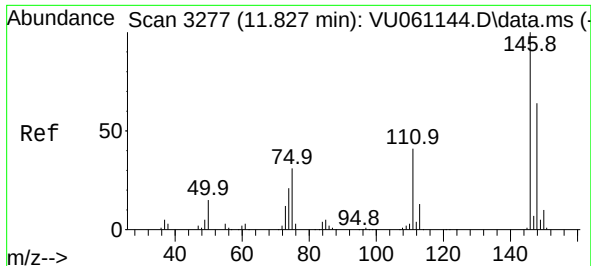


#82
 1,3-Dichlorobenzene
 Concen: 0.354 ug/l
 RT: 11.746 min Scan# 3252
 Delta R.T. 0.010 min
 Lab File: VU061174.D
 Acq: 21 Oct 2024 16:06



Tgt Ion:146 Resp: 8463
 Ion Ratio Lower Upper
 146 100
 111 44.3 34.1 51.1
 148 65.7 51.2 76.8





#83

1,4-Dichlorobenzene

Concen: 0.364 ug/l

RT: 11.836 min Scan# 31

Delta R.T. 0.010 min

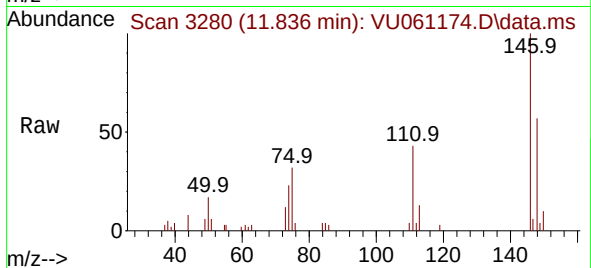
Lab File: VU061174.D

Acq: 21 Oct 2024 16:06

Instrument :

MSVOA_U

ClientSampleId :



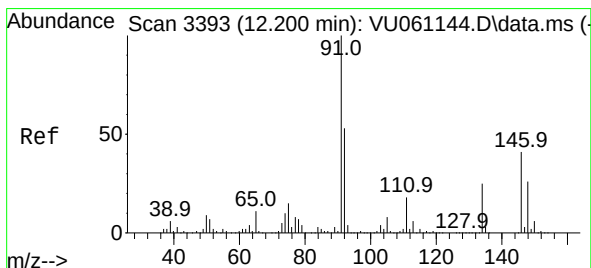
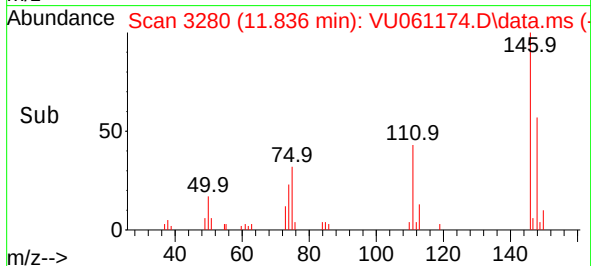
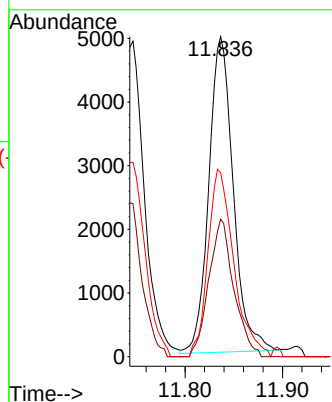
Tgt Ion:146 Resp: 8664

Ion Ratio Lower Upper

146 100

111 44.3 32.1 48.1

148 62.6 50.3 75.5



#84

n-Butylbenzene

Concen: 0.311 ug/l

RT: 12.206 min Scan# 3395

Delta R.T. 0.007 min

Lab File: VU061174.D

Acq: 21 Oct 2024 16:06

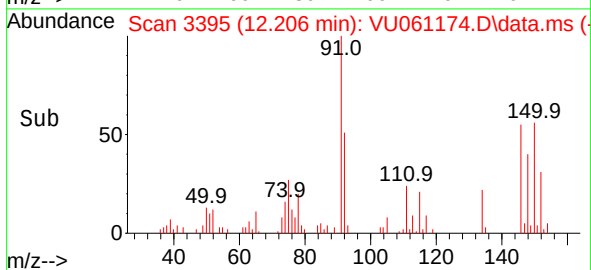
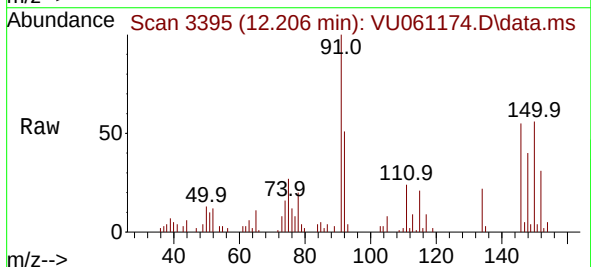
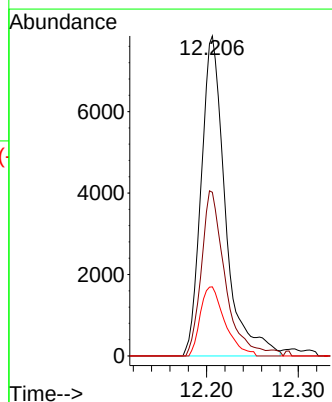
Tgt Ion: 91 Resp: 14353

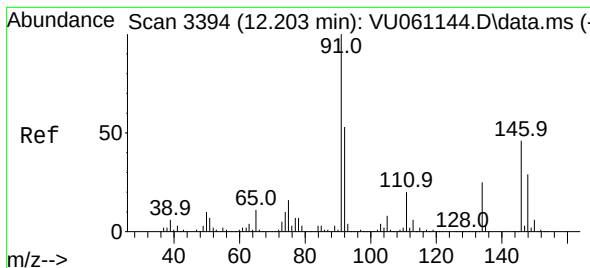
Ion Ratio Lower Upper

91 100

92 50.6 41.8 62.8

134 22.0 19.7 29.5





#85

1,2-Dichlorobenzene

Concen: 0.373 ug/l

RT: 12.209 min Scan# 3394

Delta R.T. 0.007 min

Lab File: VU061174.D

Acq: 21 Oct 2024 16:06

Instrument :

MSVOA_U

ClientSampleId :

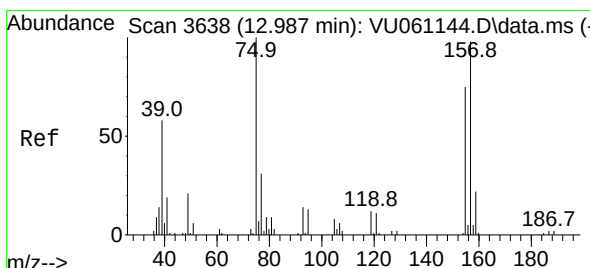
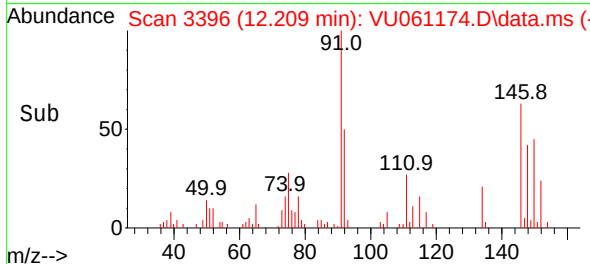
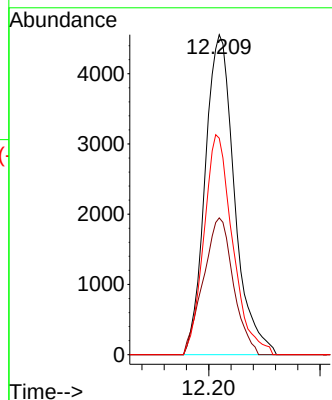
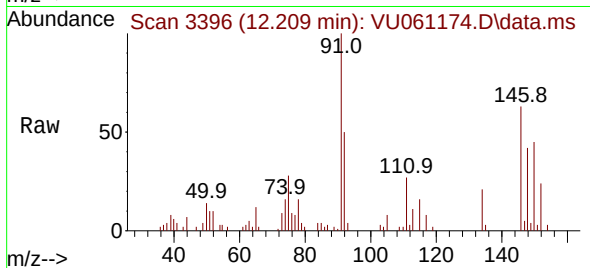
Tgt Ion:146 Resp: 8328

Ion Ratio Lower Upper

146 100

111 43.7 21.9 65.7

148 67.3 31.9 95.5



#86

1,2-Dibromo-3-Chloropropane

Concen: 0.335 ug/l

RT: 13.004 min Scan# 3643

Delta R.T. 0.016 min

Lab File: VU061174.D

Acq: 21 Oct 2024 16:06

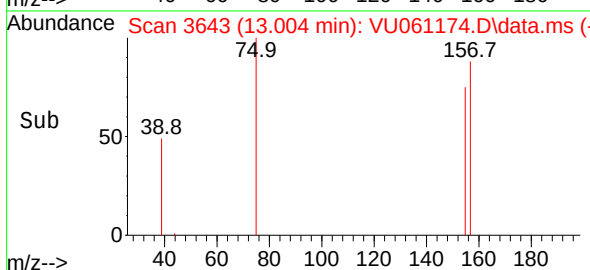
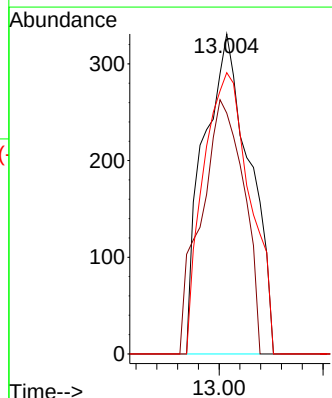
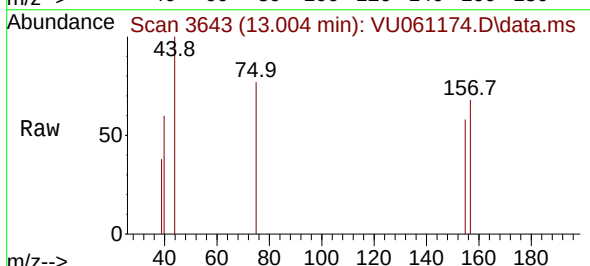
Tgt Ion: 75 Resp: 509

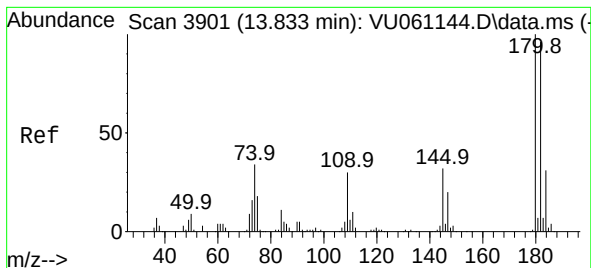
Ion Ratio Lower Upper

75 100

155 73.7 61.4 92.0

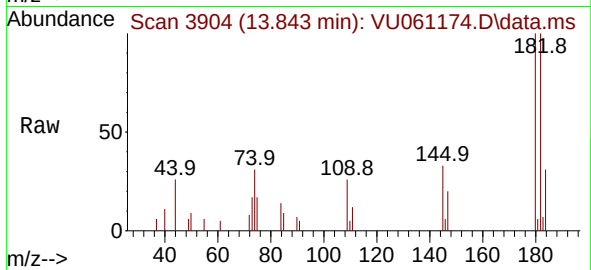
157 89.2 78.5 117.7



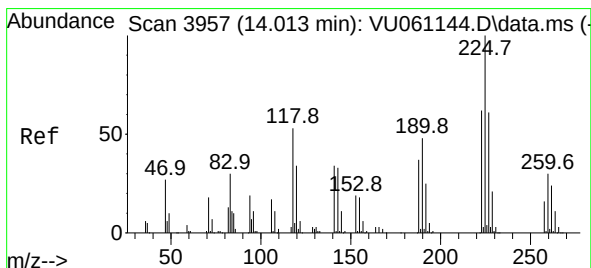
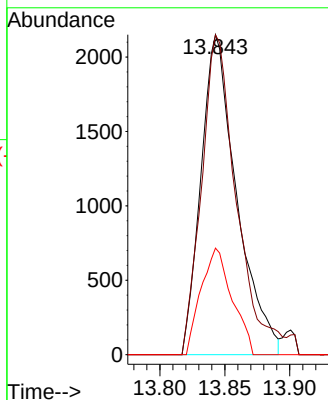
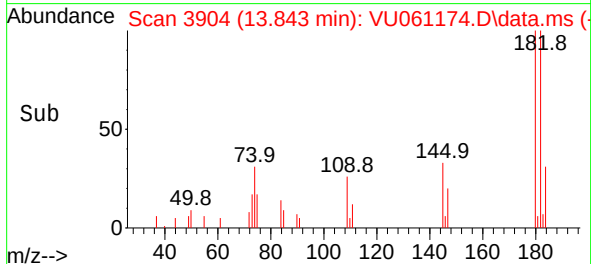


#87
1,2,4-Trichlorobenzene
Concen: 0.322 ug/l
RT: 13.843 min Scan# 3904
Delta R.T. 0.010 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

Instrument :
MSVOA_U
ClientSampleId :

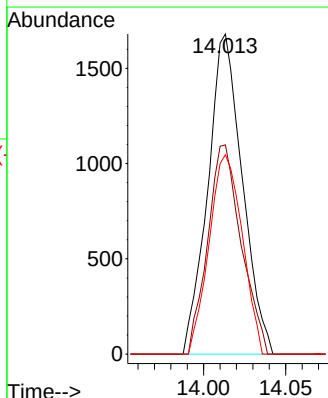
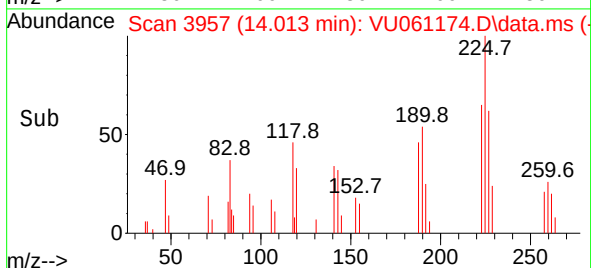
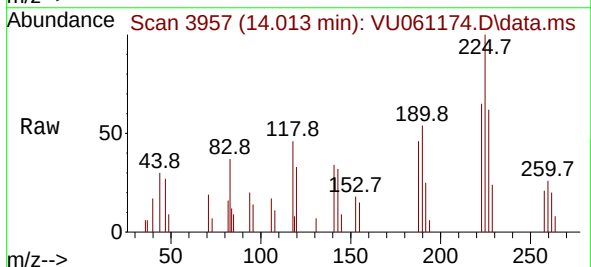


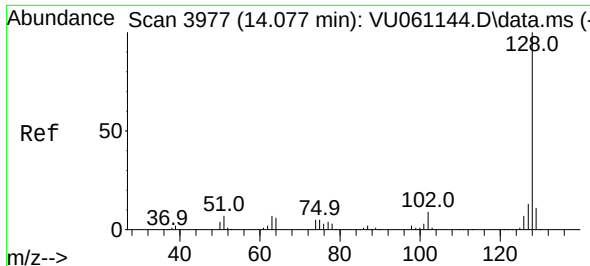
Tgt Ion:180 Resp: 4114
Ion Ratio Lower Upper
180 100
182 98.7 77.0 115.6
145 28.9 25.7 38.5



#88
Hexachlorobutadiene
Concen: 0.339 ug/l
RT: 14.013 min Scan# 3957
Delta R.T. 0.000 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

Tgt Ion:225 Resp: 2453
Ion Ratio Lower Upper
225 100
223 63.5 51.4 77.2
227 59.8 50.3 75.5





#89

Naphthalene

Concen: 0.318 ug/l

RT: 14.097 min Scan# 3983

Delta R.T. 0.019 min

Lab File: VU061174.D

Acq: 21 Oct 2024 16:06

Instrument :

MSVOA_U

ClientSampleId :

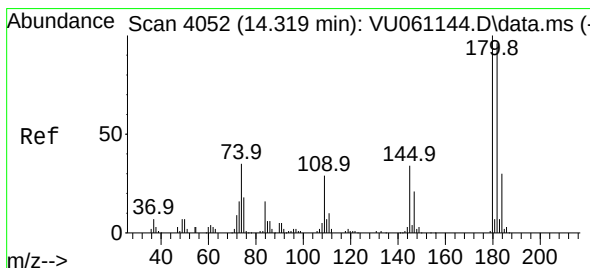
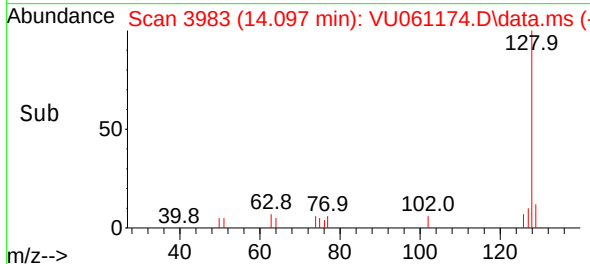
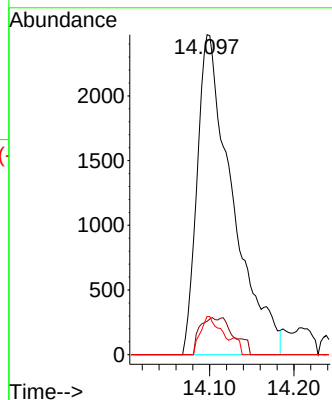
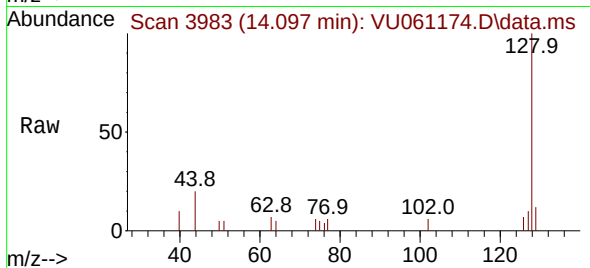
Tgt Ion:128 Resp: 7165

Ion Ratio Lower Upper

128 100

127 6.0 10.6 16.0#

129 6.9 8.7 13.1#



#90

1,2,3-Trichlorobenzene

Concen: 0.338 ug/l

RT: 14.328 min Scan# 4055

Delta R.T. 0.010 min

Lab File: VU061174.D

Acq: 21 Oct 2024 16:06

Tgt Ion:180 Resp: 3878

Ion Ratio Lower Upper

180 100

182 88.4 76.2 114.4

145 29.8 26.8 40.2

