

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101824\
 Data File : VU061163.D
 Acq On : 18 Oct 2024 14:13
 Operator : MD/SY
 Sample : P4368-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 19 00:14:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101724DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Sat Oct 19 00:10:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.110	96	27638	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	13019	0.886	ug/l	0.00
Spiked Amount 1.000			Recovery	=	89.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	13069	0.903	ug/l	0.00
Spiked Amount 1.000			Recovery	=	90.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	4844	0.318	ug/l	97
3) Chloromethane	1.515	50	5143	0.355	ug/l	95
4) Vinyl Chloride	1.599	62	5203	0.350	ug/l	97
5) Bromomethane	1.856	94	3556	0.380	ug/l	91
6) Chloroethane	1.930	64	3429	0.344	ug/l	95
7) Trichlorofluoromethane	2.133	101	6749	0.319	ug/l	97
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	3659	0.348	ug/l	97
9) 1,1-Dichloroethene	2.573	96	3774	0.344	ug/l	92
10) Iodomethane	2.715	142	3859	0.296	ug/l	95
11) Allyl Chloride	2.917	41	5022	0.356	ug/l	98
12) Acrylonitrile	3.345	53	1129	0.512	ug/l	# 87
13) Acetone	2.660	43	5467	1.901	ug/l	98
14) Carbon Disulfide	2.789	76	13192	0.349	ug/l	98
15) Methylene Chloride	3.043	84	5291	0.373	ug/l	98
16) trans-1,2-Dichloroethene	3.348	96	4158	0.323	ug/l	94
17) 1,1-Dichloroethane	3.866	63	7371	0.323	ug/l	99
18) 2-Butanone	4.766	43	2950	0.838	ug/l	99
19) Cyclohexane	5.377	56	5970	0.292	ug/l	88
20) Methylcyclohexane	6.756	83	7477	0.328	ug/l	99
21) 2,2-Dichloropropane	4.660	77	6550	0.311	ug/l	95
22) cis-1,2-Dichloroethene	4.663	96	4730	0.338	ug/l	95
23) Diethyl Ether	2.374	59	2646	0.311	ug/l	# 88
24) tert-Butyl Alcohol	3.242	59	779	0.876	ug/l	# 88
25) Methyl tert-Butyl Ether	3.358	73	9719	0.331	ug/l	# 89
26) Bromochloromethane	4.965	128	1811	0.309	ug/l	96
27) Chloroform	5.081	83	8193	0.343	ug/l	97
28) 1,1,1-Trichloroethane	5.309	97	6694	0.318	ug/l	97
29) 1,1-Dichloropropene	5.521	75	5977	0.321	ug/l	99
30) Carbon Tetrachloride	5.518	117	5692	0.311	ug/l	98
31) Isopropyl Ether	3.985	45	10278	0.316	ug/l	95
32) Ethyl-t-butyl ether	4.489	59	10668	0.319	ug/l	98
33) Tert-Amyl methyl ether	5.933	73	10027	0.333	ug/l	97
34) Propionitrile	4.833	54	520	0.619	ug/l	# 61
35) Benzene	5.772	78	17575	0.335	ug/l	100
36) 1,2-Dichloroethane	5.795	62	4913	0.332	ug/l	# 91
37) Trichloroethene	6.538	130	4685	0.335	ug/l	86
38) 1,2-Dichloropropane	6.788	63	4282	0.322	ug/l	93
39) Methacrylonitrile	4.991	41	286	0.095	ug/l	# 63
40) Methyl acrylate	4.859	55	46	0.007	ug/l	# 68
41) Tetrahydrofuran	5.081	42	1023	0.563	ug/l	# 45
42) 1-Chlorobutane	5.454	56	8109	0.339	ug/l	98
43) Dibromomethane	6.917	93	2199	0.319	ug/l	91
44) Bromodichloromethane	7.097	83	5463	0.326	ug/l	# 95

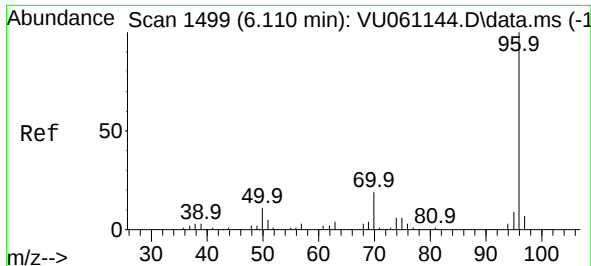
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Sat Oct 19 00:10:10 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.792	43	11252	1.627	ug/l	98
46) t-1,4-Dichloro-2-butene	10.817	75	4026	1.460	ug/l #	46
47) Methyl methacrylate	6.968	69	3336	0.557	ug/l	86
48) Ethyl methacrylate	8.335	69	3979	0.312	ug/l	97
49) Toluene	7.965	92	11120	0.336	ug/l	93
50) t-1,3-Dichloropropene	8.210	75	5054	0.313	ug/l	95
51) cis-1,3-Dichloropropene	7.605	75	6201	0.313	ug/l	97
52) 1,1,2-Trichloroethane	8.393	97	3053	0.329	ug/l	92
53) 1,3-Dichloropropane	8.573	76	5852	0.359	ug/l	96
54) 2-Hexanone	8.692	43	7381	1.299	ug/l	96
55) Dibromochloromethane	8.804	129	3227	0.294	ug/l	96
56) 1,2-Dibromoethane	8.923	107	2878	0.323	ug/l	94
58) Tetrachloroethene	8.547	164	3887	0.327	ug/l	91
59) Chlorobenzene	9.444	112	11832	0.331	ug/l	93
60) 1,1,1,2-Tetrachloroethane	9.525	131	3856	0.320	ug/l	95
61) Pentachloroethane	11.418	117	2764	0.300	ug/l	93
62) Hexachloroethane	12.463	117	2818	0.297	ug/l	92
63) Ethyl Benzene	9.566	91	19794	0.309	ug/l	96
64) m/p-Xylenes	9.689	106	15292	0.628	ug/l	100
65) o-Xylene	10.094	106	7836	0.327	ug/l	97
66) Styrene	10.116	104	11718	0.314	ug/l	96
67) Bromoform	10.283	173	1589	0.277	ug/l #	92
69) Isopropylbenzene	10.480	105	17916	0.314	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.775	83	3826	0.339	ug/l #	98
71) 1,2,3-Trichloropropane	10.817	75	4026	0.438	ug/l #	82
72) Bromobenzene	10.785	156	4071	0.297	ug/l	71
73) n-propylbenzene	10.901	120	5034	0.302	ug/l	100
74) 2-Chlorotoluene	10.981	126	4657	0.324	ug/l	94
75) 1,3,5-Trimethylbenzene	11.081	105	15371	0.299	ug/l	98
76) 4-Chlorotoluene	11.097	126	4633	0.317	ug/l	96
77) tert-Butylbenzene	11.412	119	15474	0.304	ug/l	95
78) 1,2,4-Trimethylbenzene	11.463	105	15829	0.305	ug/l	98
79) sec-Butylbenzene	11.637	105	20992	0.317	ug/l	95
80) Nitrobenzene	13.232	77	42	0.170	ug/l #	47
81) p-Isopropyltoluene	11.788	119	16474	0.301	ug/l	98
82) 1,3-Dichlorobenzene	11.743	146	8007	0.304	ug/l	97
83) 1,4-Dichlorobenzene	11.833	146	8307	0.317	ug/l	96
84) n-Butylbenzene	12.206	91	14472	0.285	ug/l	94
85) 1,2-Dichlorobenzene	12.206	146	7843	0.319	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	13.007	75	491	0.293	ug/l #	65
87) 1,2,4-Trichlorobenzene	13.843	180	4180	0.297	ug/l	98
88) Hexachlorobutadiene	14.016	225	2315	0.291	ug/l	93
89) Naphthalene	14.100	128	6874	0.277	ug/l #	86
90) 1,2,3-Trichlorobenzene	14.328	180	3767	0.298	ug/l	97

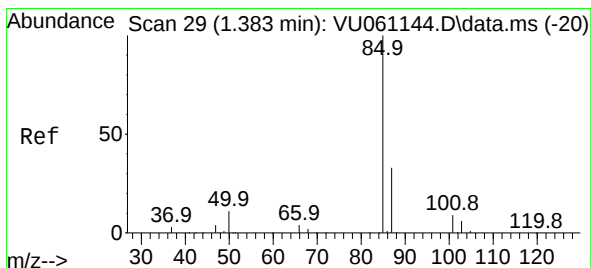
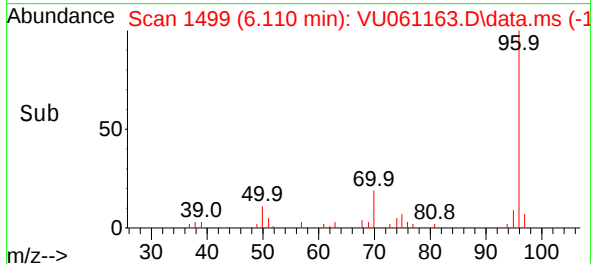
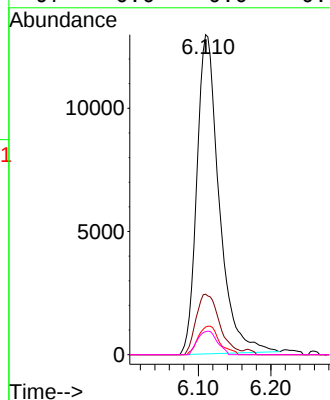
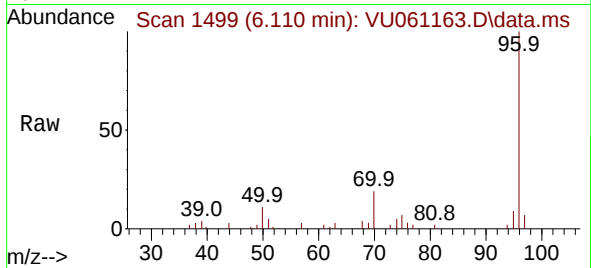
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#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

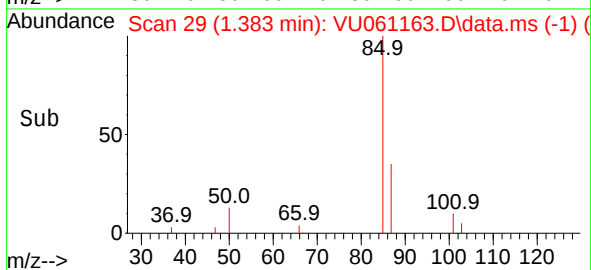
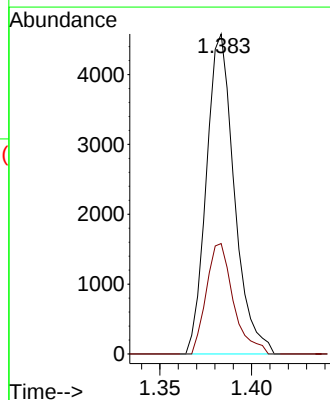
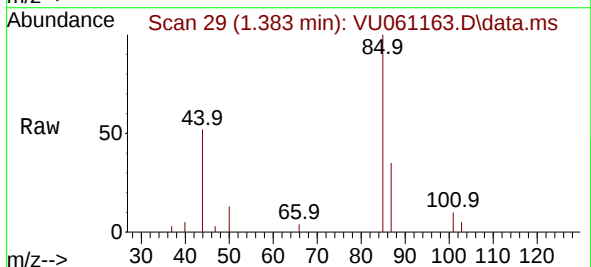
Instrument :
MSVOA_U
ClientSampleId :

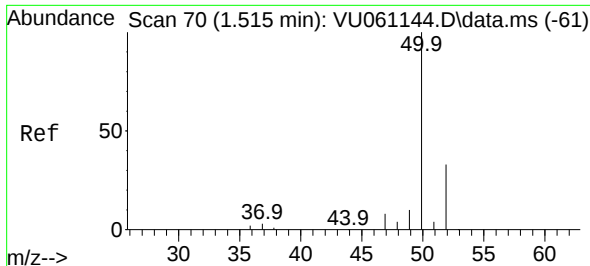
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Ion Ratio	Lower	Upper	
96	100		
70	18.7	16.1	24.1
95	8.5	0.0	0.0#
97	6.6	0.0	0.0#



#2
Dichlorodifluoromethane
Concen: 0.318 ug/l
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

Tgt Ion:	85	Resp:	4844
Ion Ratio	Lower	Upper	
85	100		
87	34.5	16.3	48.9

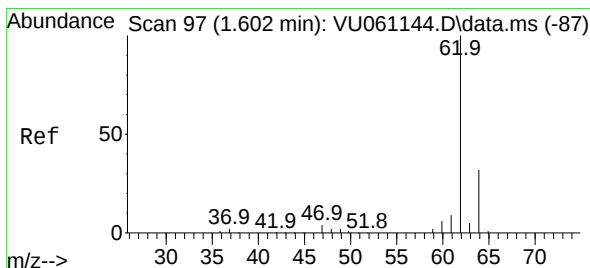
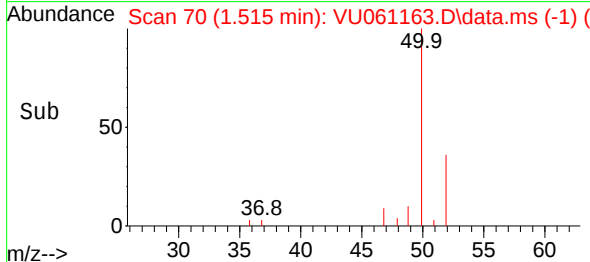
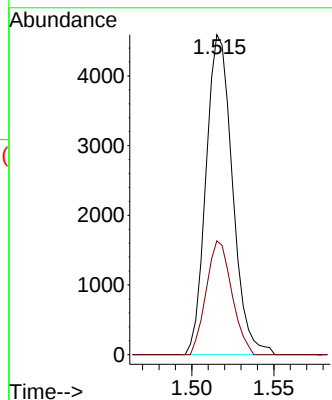
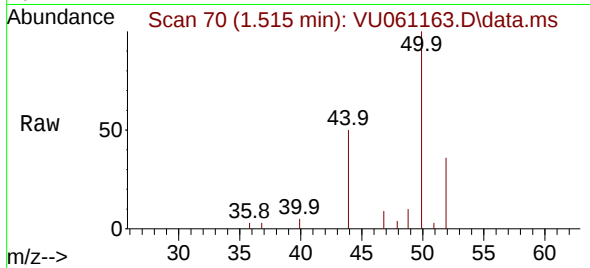




#3
Chloromethane
Concen: 0.355 ug/l
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

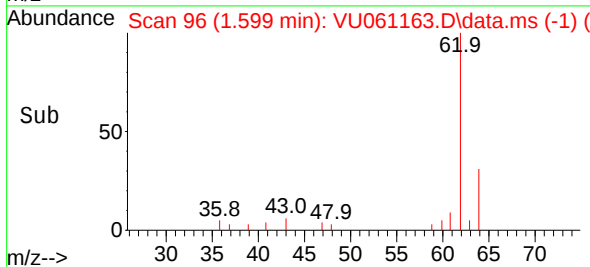
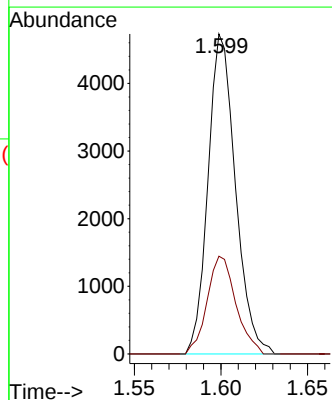
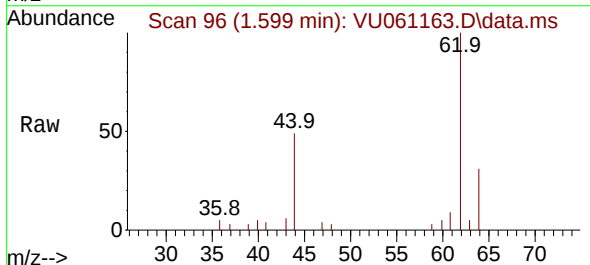
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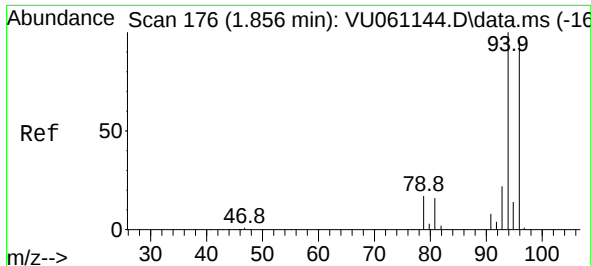
Tgt Ion: 50 Resp: 5143
Ion Ratio Lower Upper
50 100
52 35.6 26.2 39.2



#4
Vinyl Chloride
Concen: 0.350 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.003 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

Tgt Ion: 62 Resp: 5203
Ion Ratio Lower Upper
62 100
64 30.5 25.9 38.9

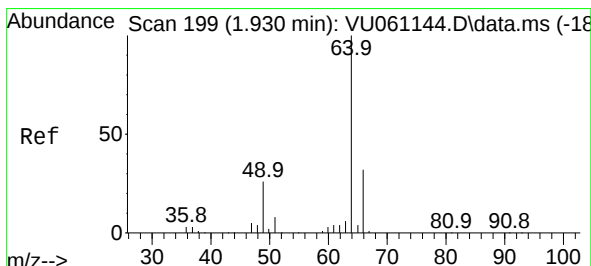
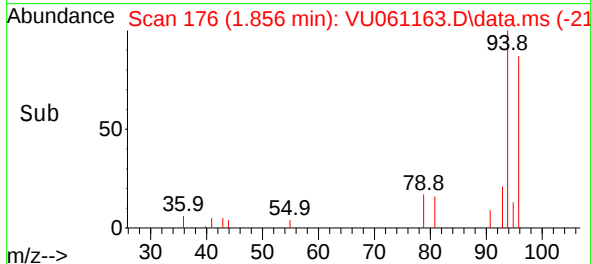
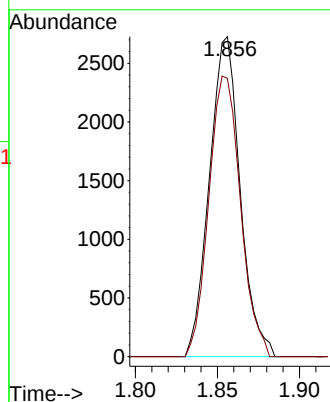
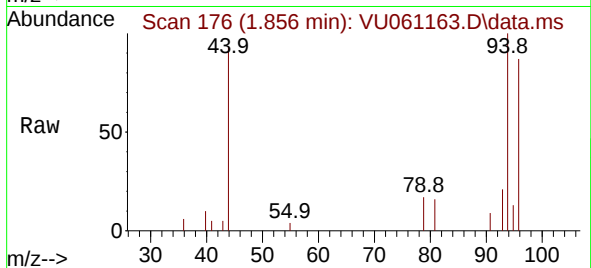




#5
Bromomethane
Concen: 0.380 ug/l
RT: 1.856 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

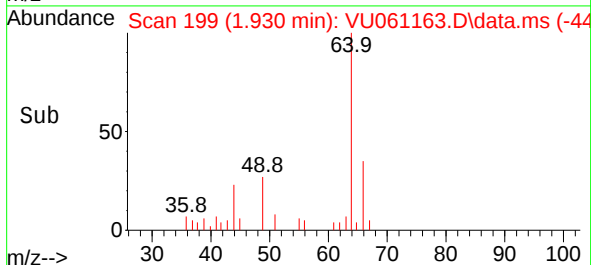
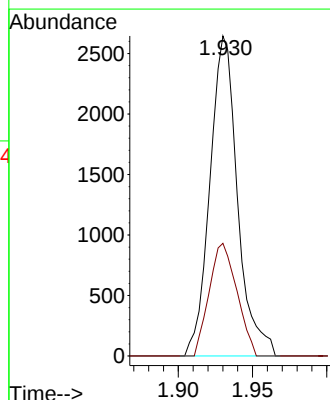
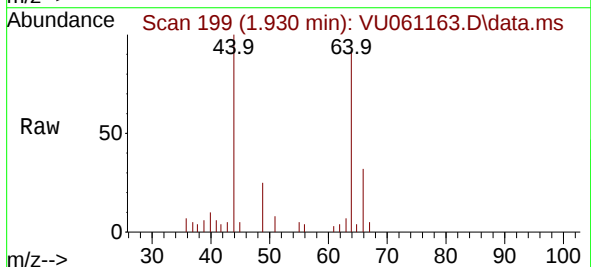
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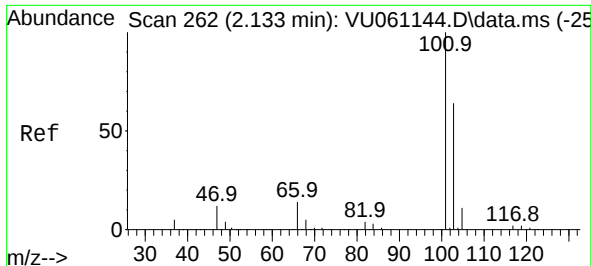
Tgt Ion: 94 Resp: 3556
Ion Ratio Lower Upper
94 100
96 87.0 76.5 114.7



#6
Chloroethane
Concen: 0.344 ug/l
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

Tgt Ion: 64 Resp: 3429
Ion Ratio Lower Upper
64 100
66 35.2 25.8 38.8

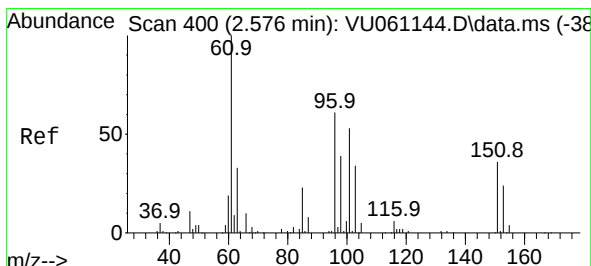
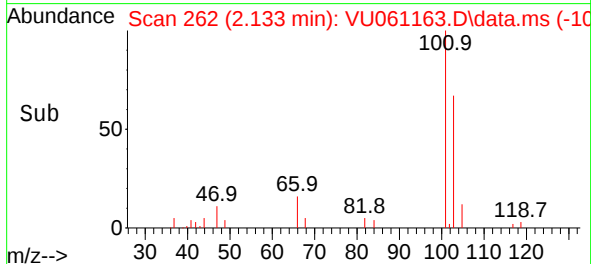
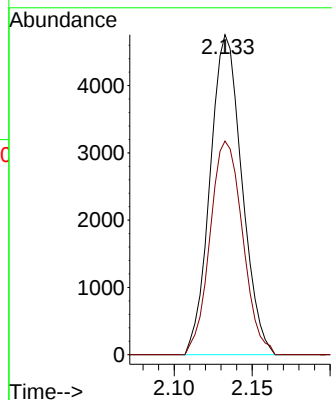
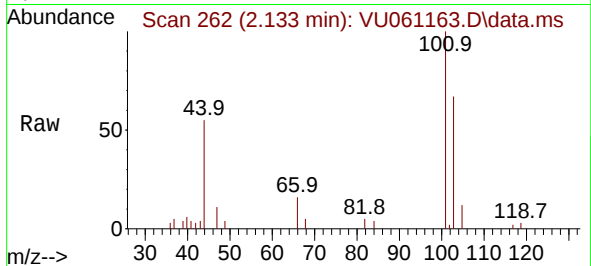




#7
 Trichlorofluoromethane
 Concen: 0.319 ug/l
 RT: 2.133 min Scan# 2
 Delta R.T. -0.000 min
 Lab File: VU061163.D
 Acq: 18 Oct 2024 14:13

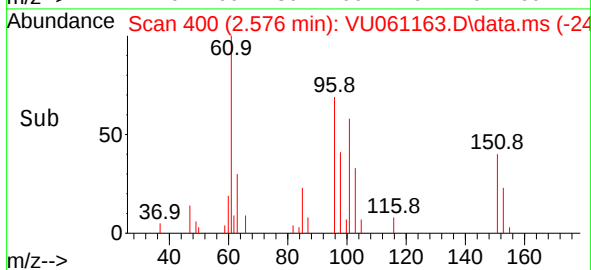
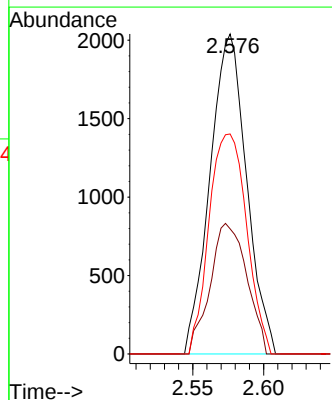
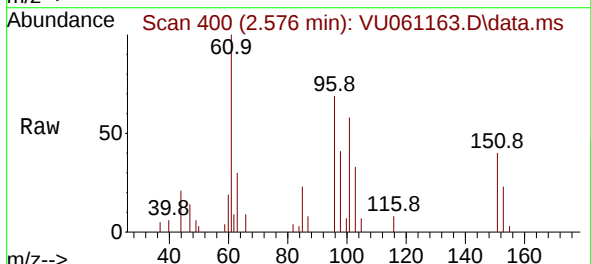
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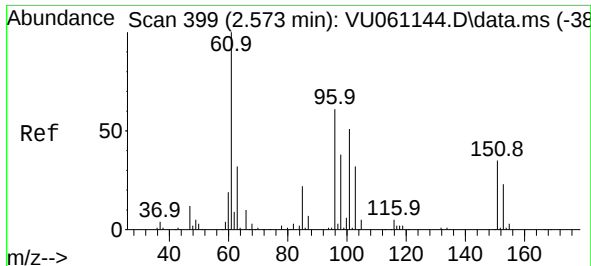
Tgt Ion:101 Resp: 6749
 Ion Ratio Lower Upper
 101 100
 103 66.8 51.5 77.3



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.348 ug/l
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU061163.D
 Acq: 18 Oct 2024 14:13

Tgt Ion:101 Resp: 3659
 Ion Ratio Lower Upper
 101 100
 85 40.9 35.8 53.8
 151 70.8 56.2 84.4

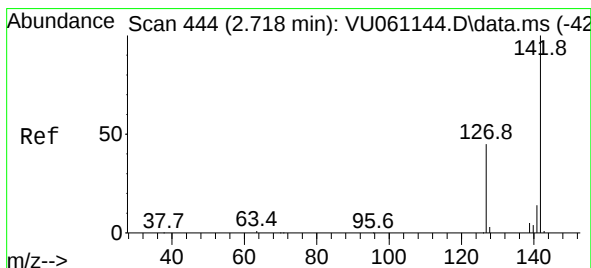
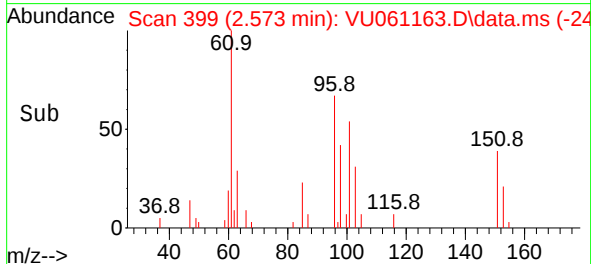
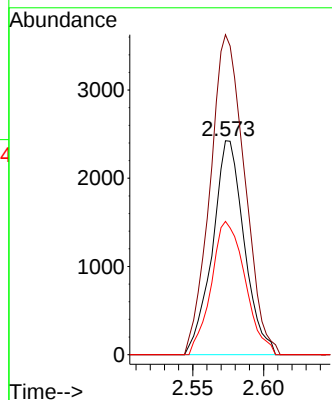
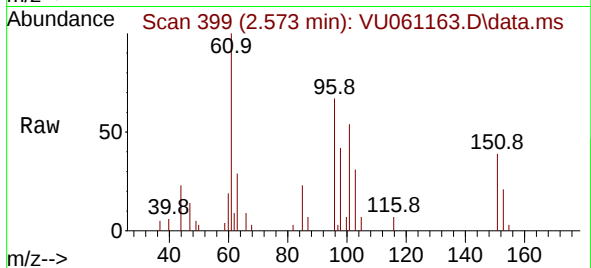




#9
1,1-Dichloroethene
Concen: 0.344 ug/l
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

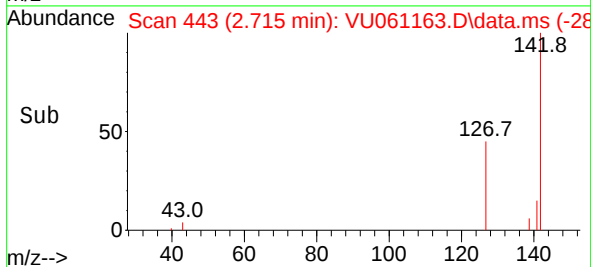
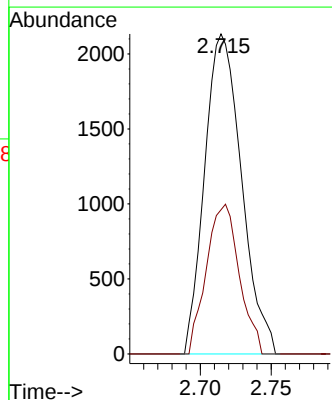
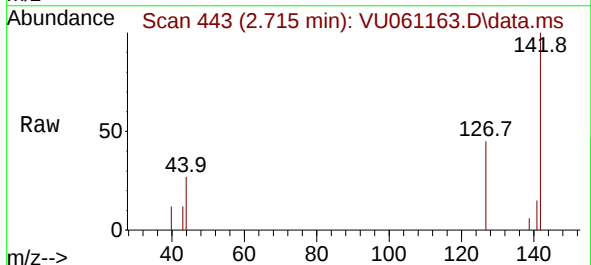
Instrument :
MSVOA_U
ClientSampleId :

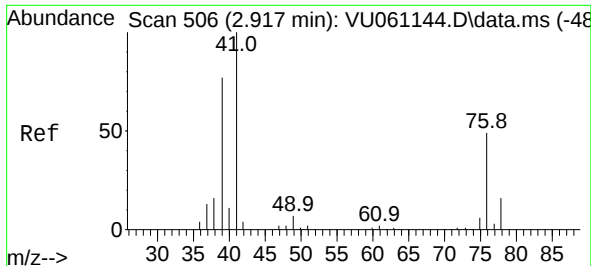
Tgt Ion:	96	Resp:	3774
Ion	Ratio	Lower	Upper
96	100		
61	149.5	0.0	494.4
98	62.3	0.0	124.4



#10
Iodomethane
Concen: 0.296 ug/l
RT: 2.715 min Scan# 443
Delta R.T. -0.003 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

Tgt Ion:	142	Resp:	3859
Ion	Ratio	Lower	Upper
142	100		
127	41.7	36.2	54.4





#11

Allyl Chloride

Concen: 0.356 ug/l

RT: 2.917 min Scan# 506

Delta R.T. -0.000 min

Lab File: VU061163.D

Acq: 18 Oct 2024 14:13

Instrument :

MSVOA_U

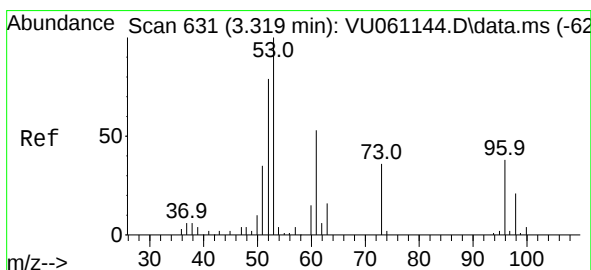
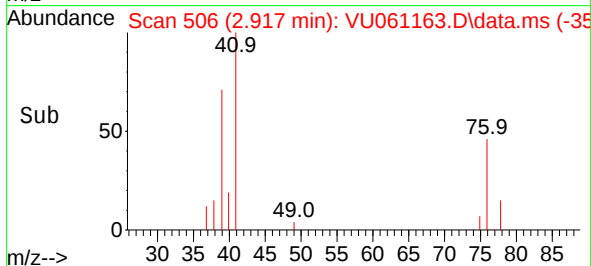
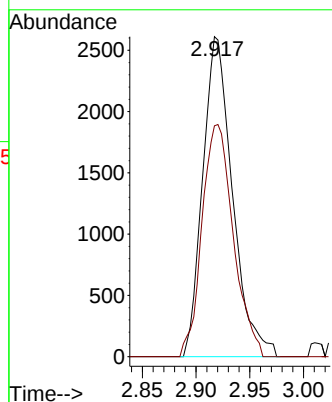
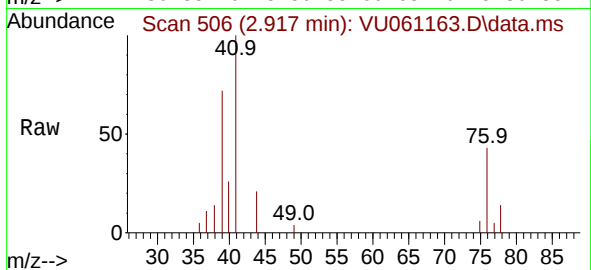
ClientSampleId :

Tgt Ion: 41 Resp: 5022

Ion Ratio Lower Upper

41 100

39 76.3 62.4 93.6



#12

Acrylonitrile

Concen: 0.512 ug/l

RT: 3.345 min Scan# 639

Delta R.T. 0.026 min

Lab File: VU061163.D

Acq: 18 Oct 2024 14:13

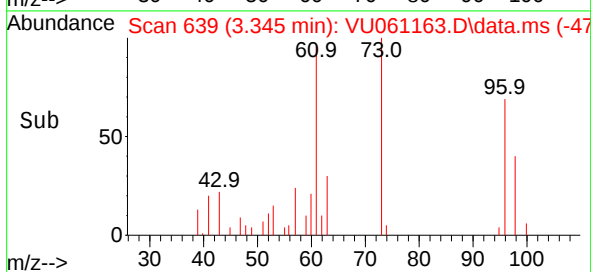
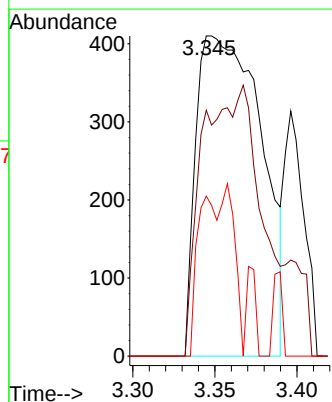
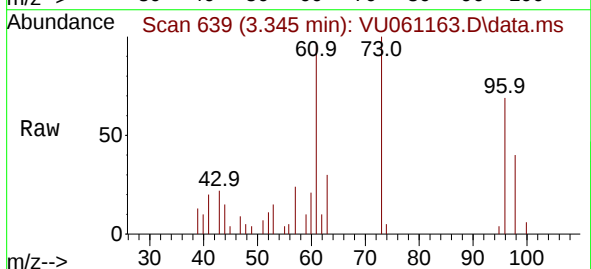
Tgt Ion: 53 Resp: 1129

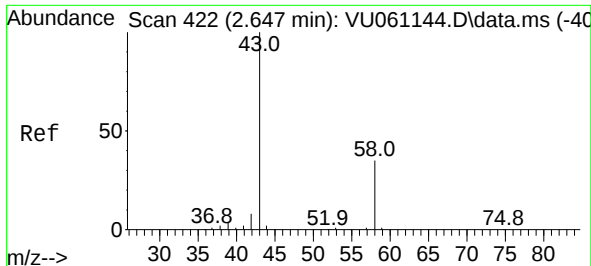
Ion Ratio Lower Upper

53 100

52 77.5 62.6 94.0

51 15.4 30.7 46.1#





#13

Acetone

Concen: 1.901 ug/l

RT: 2.660 min Scan# 41

Delta R.T. 0.013 min

Lab File: VU061163.D

Acq: 18 Oct 2024 14:13

Instrument :

MSVOA_U

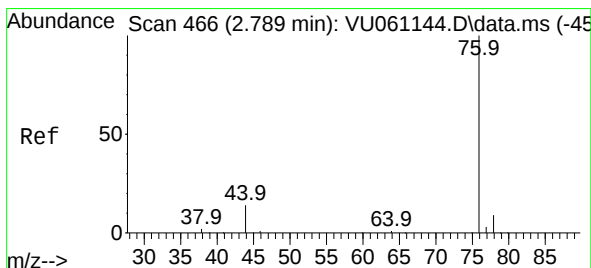
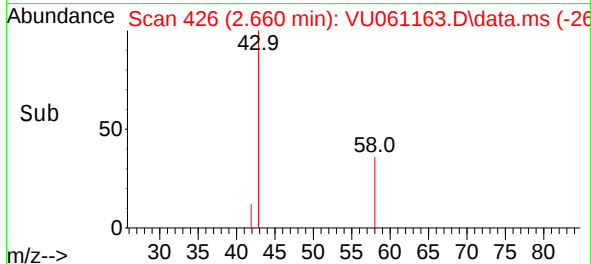
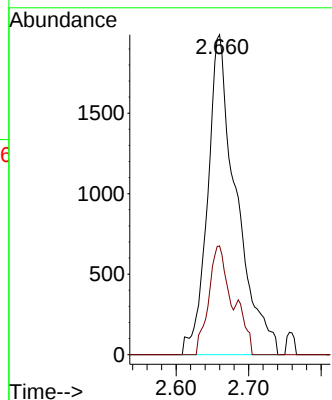
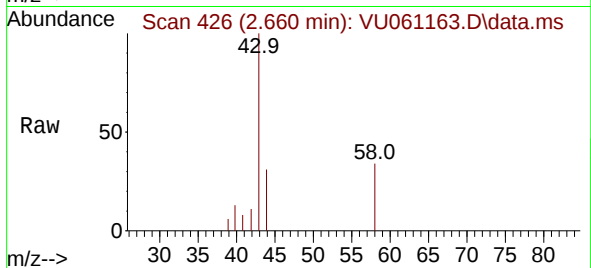
ClientSampleId :

Tgt Ion: 43 Resp: 5467

Ion Ratio Lower Upper

43 100

58 34.0 27.9 41.9



#14

Carbon Disulfide

Concen: 0.349 ug/l

RT: 2.789 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU061163.D

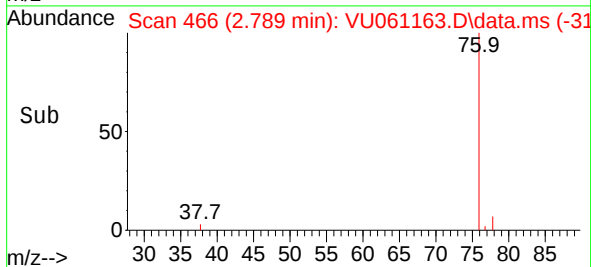
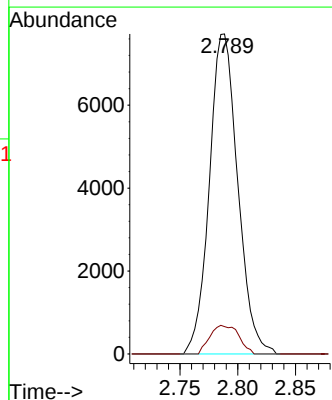
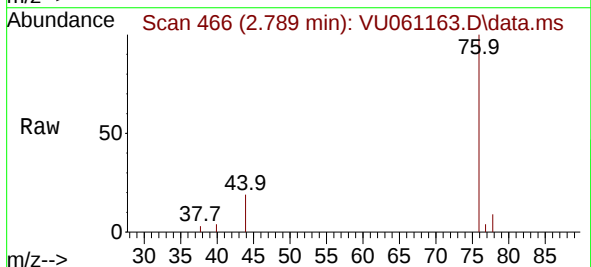
Acq: 18 Oct 2024 14:13

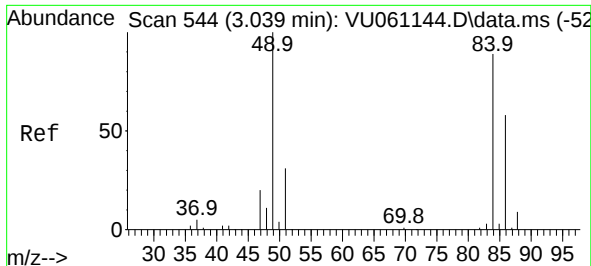
Tgt Ion: 76 Resp: 13192

Ion Ratio Lower Upper

76 100

78 8.6 7.4 11.0





#15

Methylene Chloride

Concen: 0.373 ug/l

RT: 3.043 min Scan# 544

Delta R.T. 0.003 min

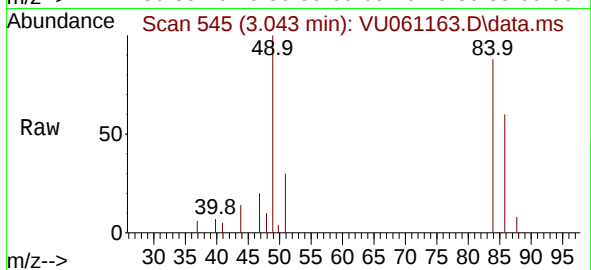
Lab File: VU061163.D

Acq: 18 Oct 2024 14:13

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 84 Resp: 5291

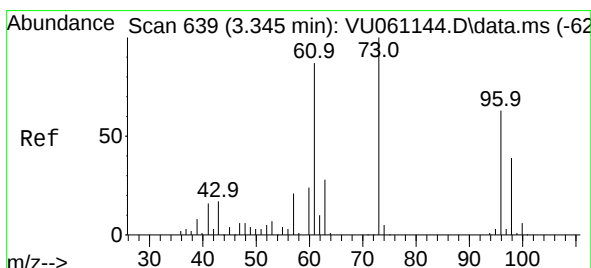
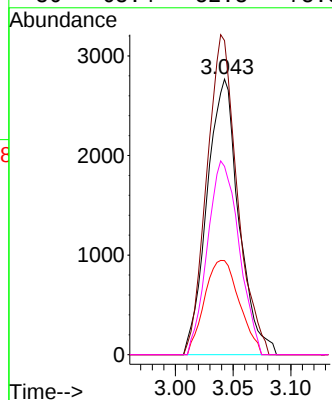
Ion Ratio Lower Upper

84 100

49 114.0 90.4 135.6

51 34.2 0.0 70.6

86 68.4 52.3 78.5



#16

trans-1,2-Dichloroethene

Concen: 0.323 ug/l

RT: 3.348 min Scan# 640

Delta R.T. 0.003 min

Lab File: VU061163.D

Acq: 18 Oct 2024 14:13

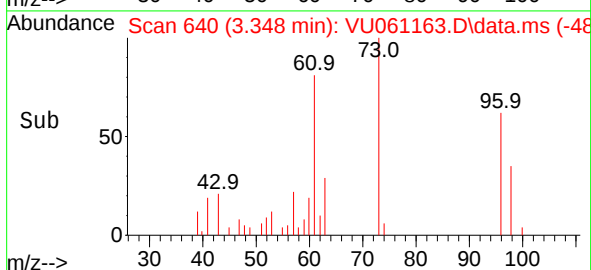
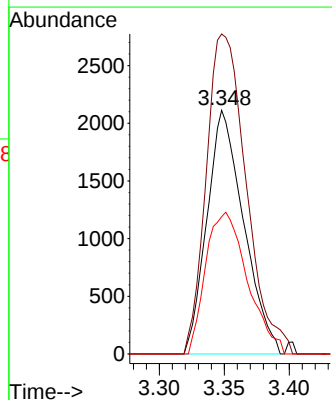
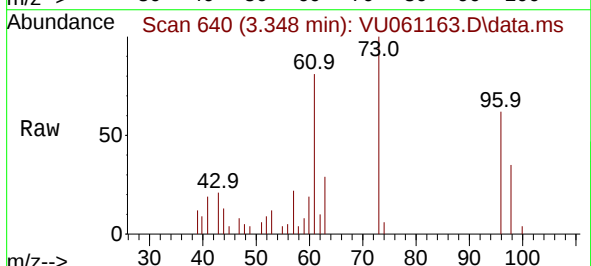
Tgt Ion: 96 Resp: 4158

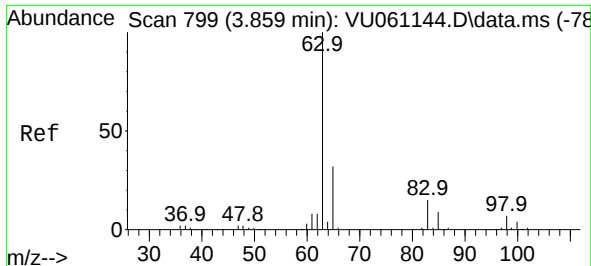
Ion Ratio Lower Upper

96 100

61 131.3 110.6 166.0

98 56.3 49.8 74.8

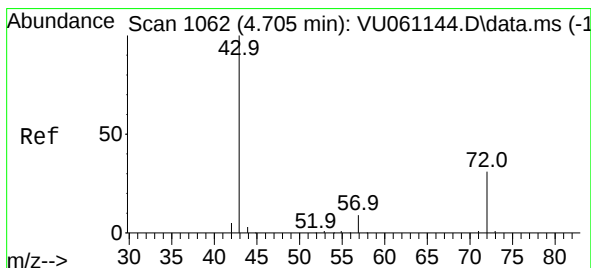
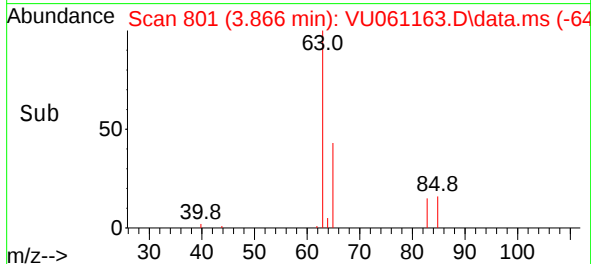
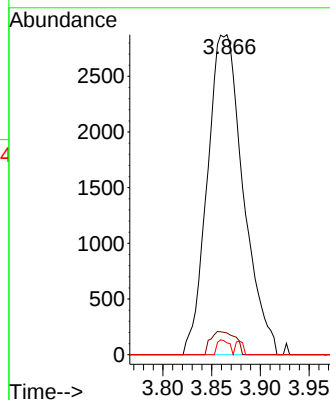
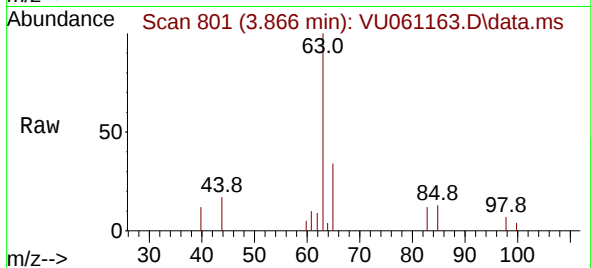




#17
1,1-Dichloroethane
Concen: 0.323 ug/l
RT: 3.866 min Scan# 801
Delta R.T. 0.006 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

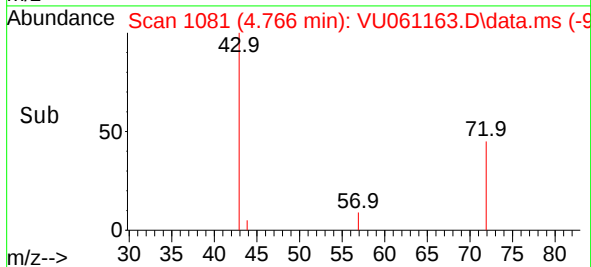
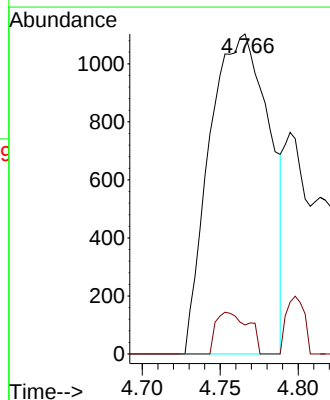
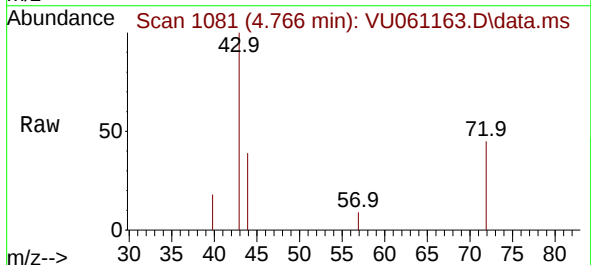
Instrument :
MSVOA_U
ClientSampleId :

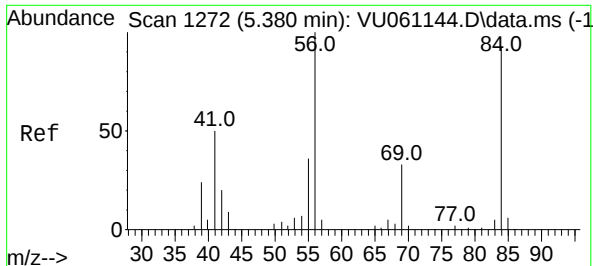
Tgt Ion:	63	Resp:	7371
Ion Ratio	Lower	Upper	
63	100		
98	6.8	3.3	9.8
100	3.7	2.1	6.5



#18
2-Butanone
Concen: 0.838 ug/l
RT: 4.766 min Scan# 1081
Delta R.T. 0.061 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

Tgt Ion:	43	Resp:	2950
Ion Ratio	Lower	Upper	
43	100		
57	9.1	0.0	19.0





#19

Cyclohexane

Concen: 0.292 ug/l

RT: 5.377 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU061163.D

Acq: 18 Oct 2024 14:13

Instrument :

MSVOA_U

ClientSampleId :

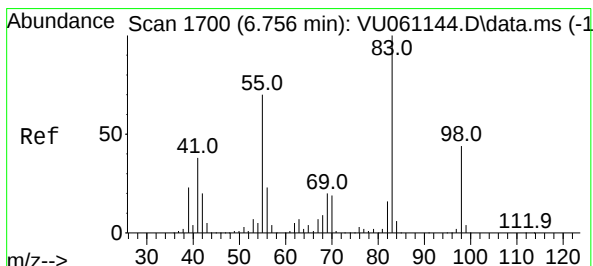
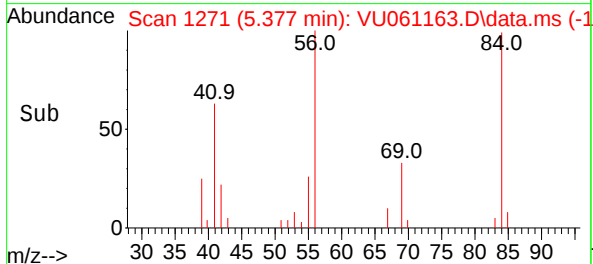
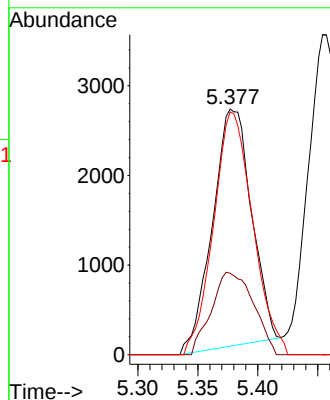
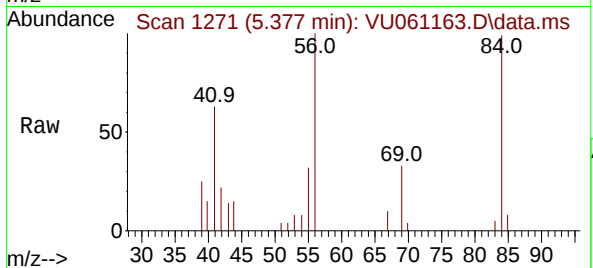
Tgt Ion: 56 Resp: 5970

Ion Ratio Lower Upper

56 100

69 37.6 26.2 39.4

84 103.1 72.7 109.1



#20

Methylcyclohexane

Concen: 0.328 ug/l

RT: 6.756 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VU061163.D

Acq: 18 Oct 2024 14:13

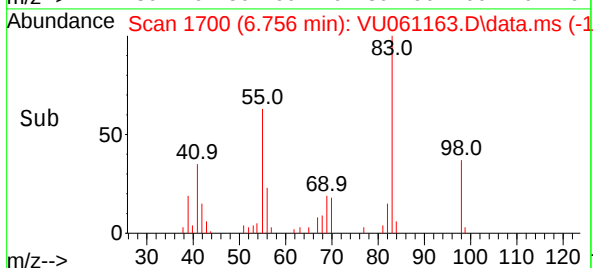
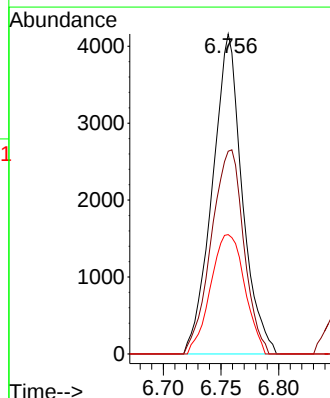
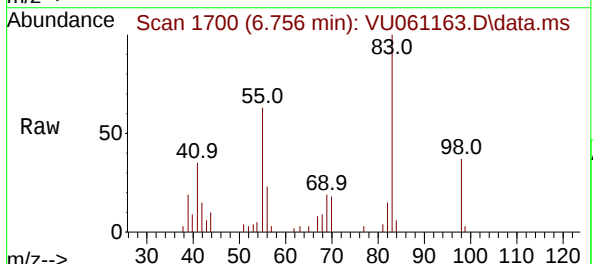
Tgt Ion: 83 Resp: 7477

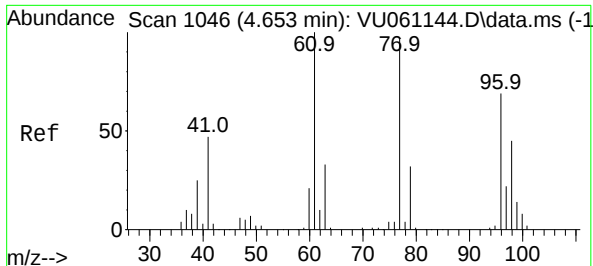
Ion Ratio Lower Upper

83 100

55 69.6 55.5 83.3

98 42.6 35.8 53.6

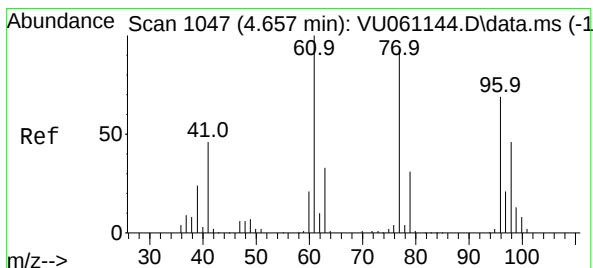
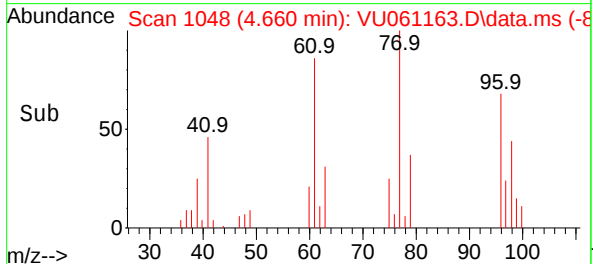
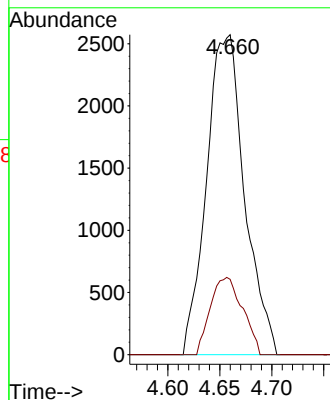
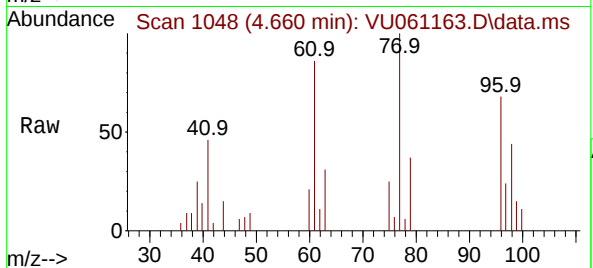




#21
2,2-Dichloropropane
Concen: 0.311 ug/l
RT: 4.660 min Scan# 1048
Delta R.T. 0.006 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

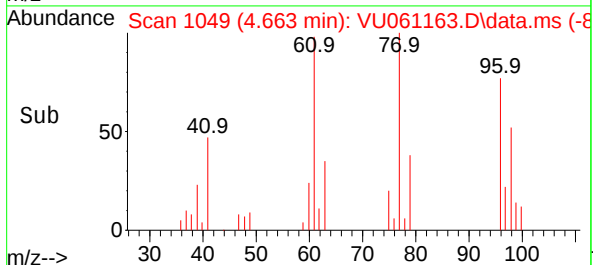
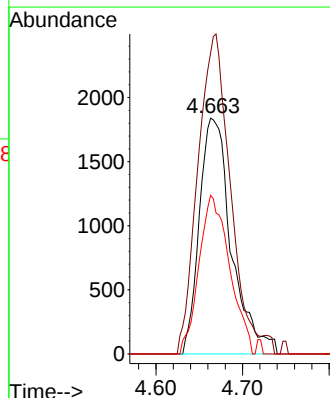
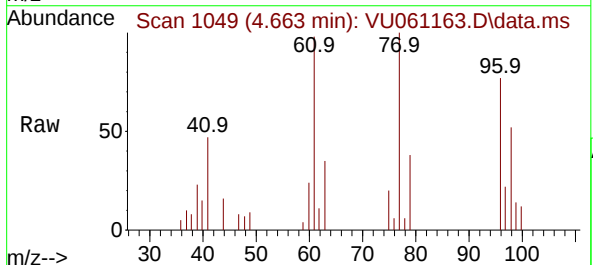
Instrument :
MSVOA_U
ClientSampleId :

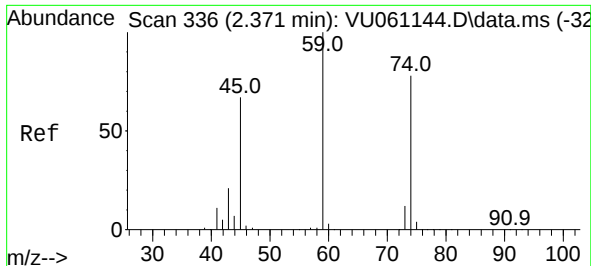
Tgt Ion: 77 Resp: 6550
Ion Ratio Lower Upper
77 100
97 20.5 18.3 27.5



#22
cis-1,2-Dichloroethene
Concen: 0.338 ug/l
RT: 4.663 min Scan# 1049
Delta R.T. 0.006 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

Tgt Ion: 96 Resp: 4730
Ion Ratio Lower Upper
96 100
61 136.2 0.0 364.8
98 64.2 32.1 96.3





#23

Diethyl Ether

Concen: 0.311 ug/l

RT: 2.374 min Scan# 30

Delta R.T. 0.003 min

Lab File: VU061163.D

Acq: 18 Oct 2024 14:13

Instrument :

MSVOA_U

ClientSampleId :

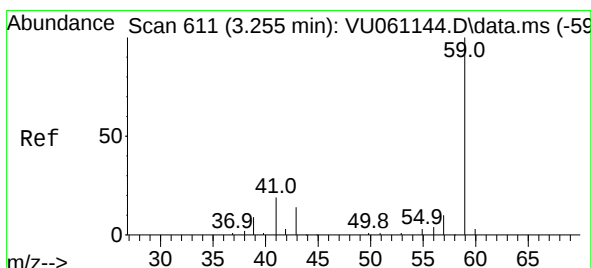
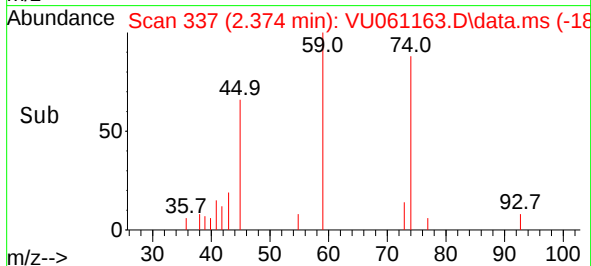
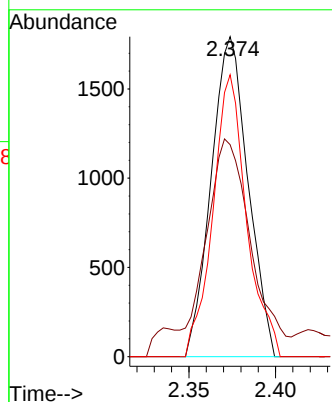
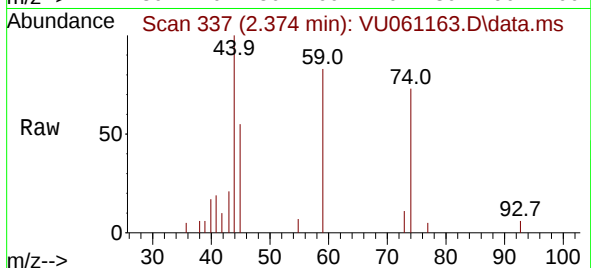
Tgt Ion: 59 Resp: 2646

Ion Ratio Lower Upper

59 100

45 83.5 52.0 78.0#

74 80.5 62.2 93.2



#24

tert-Butyl Alcohol

Concen: 0.876 ug/l

RT: 3.242 min Scan# 607

Delta R.T. -0.013 min

Lab File: VU061163.D

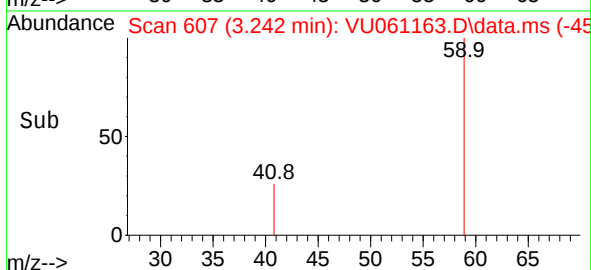
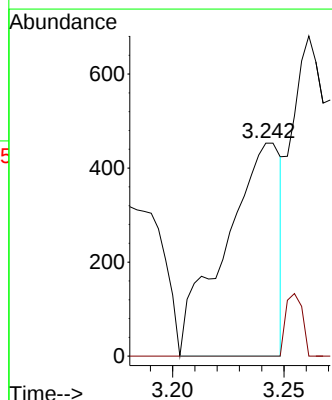
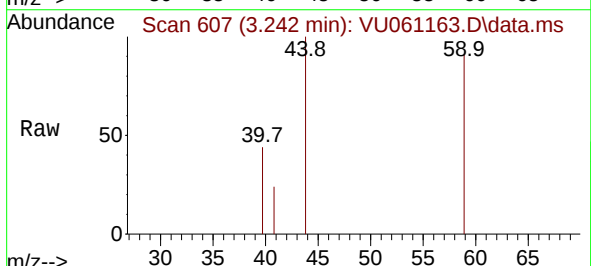
Acq: 18 Oct 2024 14:13

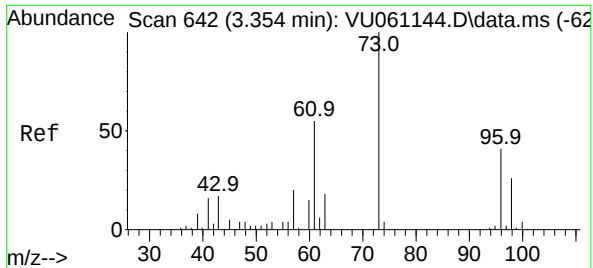
Tgt Ion: 59 Resp: 779

Ion Ratio Lower Upper

59 100

57 0.0 3.2 4.8#





#25

Methyl tert-Butyl Ether

Concen: 0.331 ug/l

RT: 3.358 min Scan# 642

Delta R.T. 0.003 min

Lab File: VU061163.D

Acq: 18 Oct 2024 14:13

Instrument :

MSVOA_U

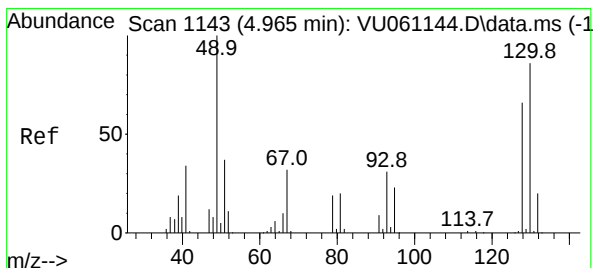
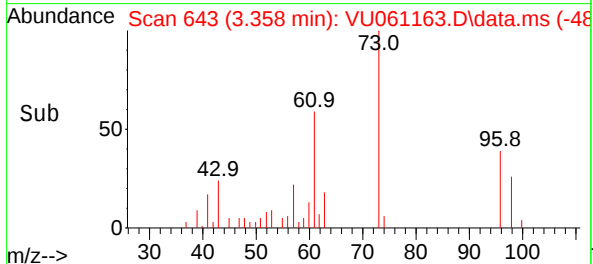
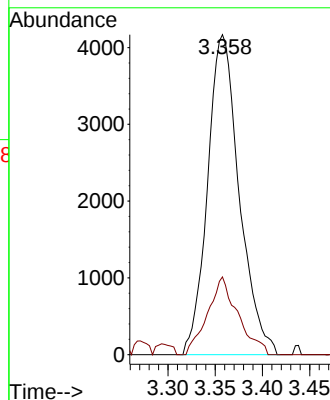
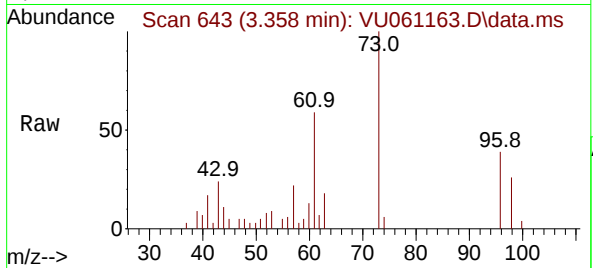
ClientSampleId :

Tgt Ion: 73 Resp: 9719

Ion Ratio Lower Upper

73 100

43 23.3 14.7 22.1#



#26

Bromochloromethane

Concen: 0.309 ug/l

RT: 4.965 min Scan# 1143

Delta R.T. -0.000 min

Lab File: VU061163.D

Acq: 18 Oct 2024 14:13

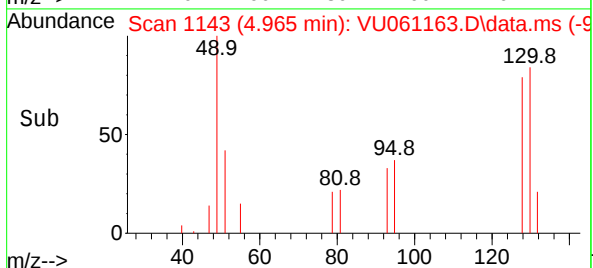
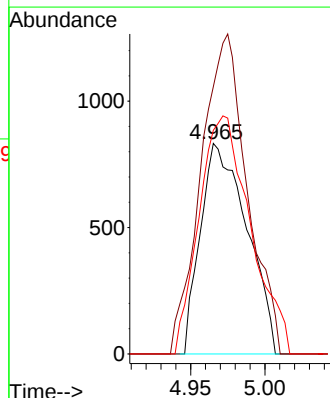
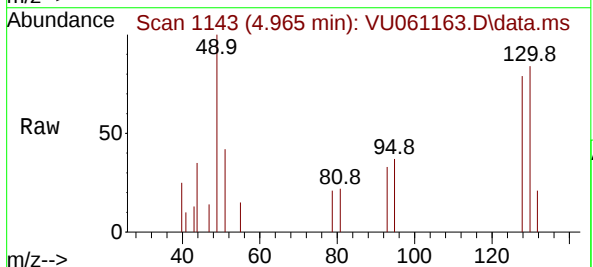
Tgt Ion: 128 Resp: 1811

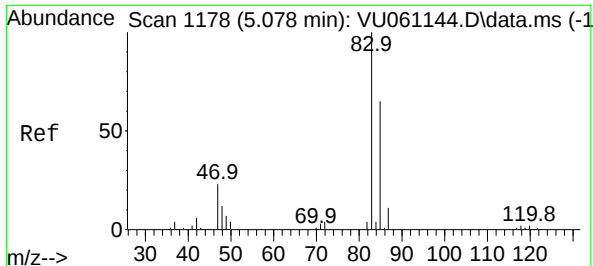
Ion Ratio Lower Upper

128 100

49 151.5 0.0 308.8

130 125.1 105.3 157.9





#27

Chloroform

Concen: 0.343 ug/l

RT: 5.081 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VU061163.D

Acq: 18 Oct 2024 14:13

Instrument :

MSVOA_U

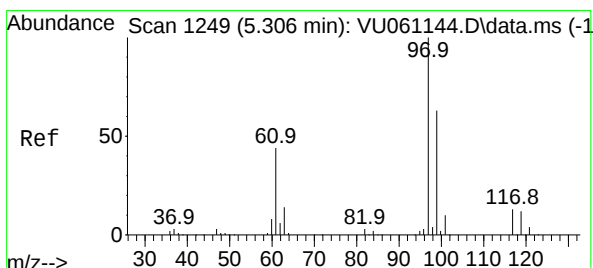
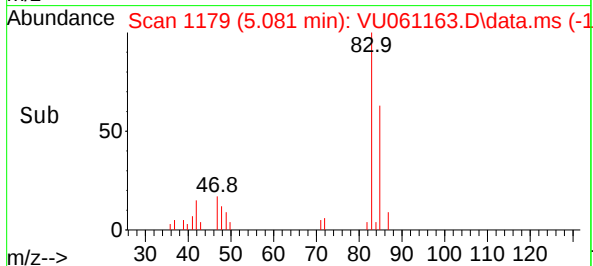
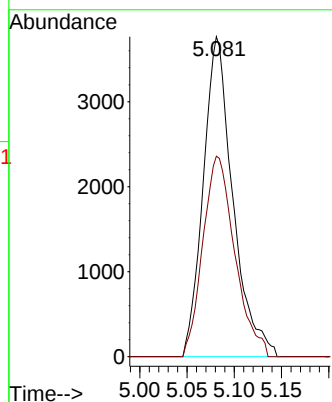
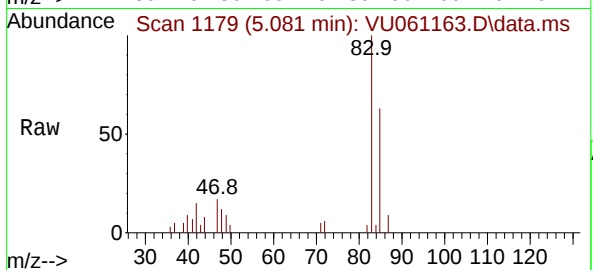
ClientSampleId :

Tgt Ion: 83 Resp: 8193

Ion Ratio Lower Upper

83 100

85 62.6 0.0 129.6



#28

1,1,1-Trichloroethane

Concen: 0.318 ug/l

RT: 5.309 min Scan# 1250

Delta R.T. 0.003 min

Lab File: VU061163.D

Acq: 18 Oct 2024 14:13

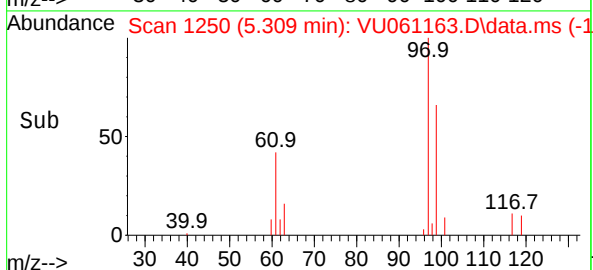
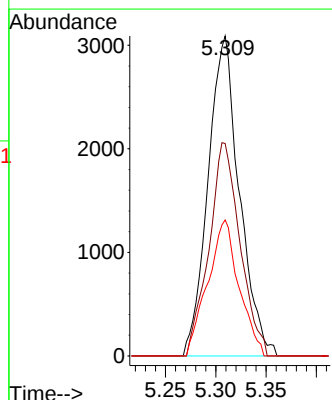
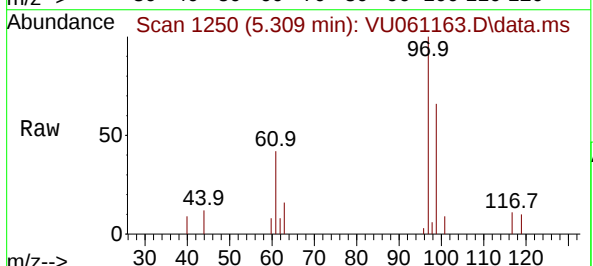
Tgt Ion: 97 Resp: 6694

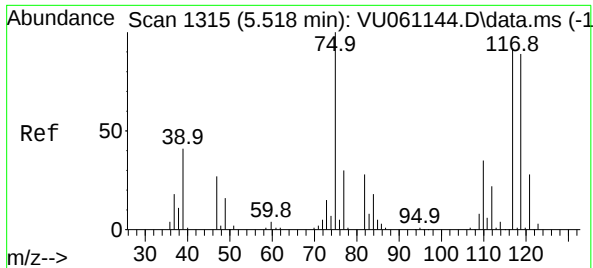
Ion Ratio Lower Upper

97 100

99 66.0 31.9 95.5

61 42.4 22.1 66.1

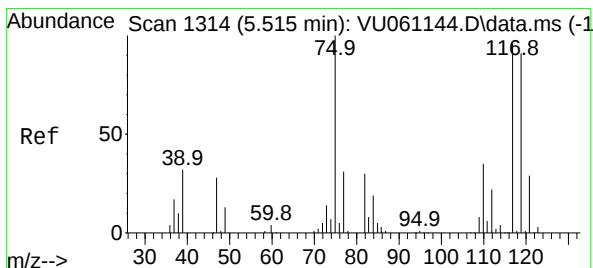
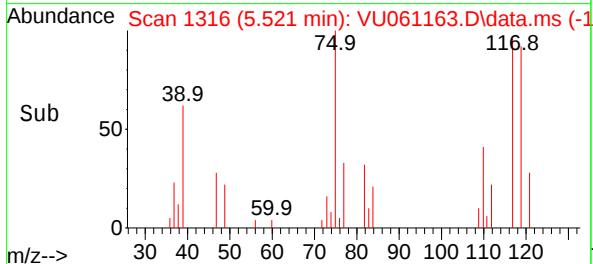
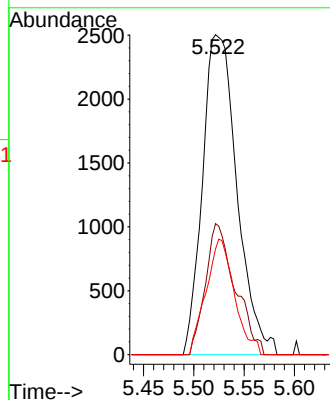
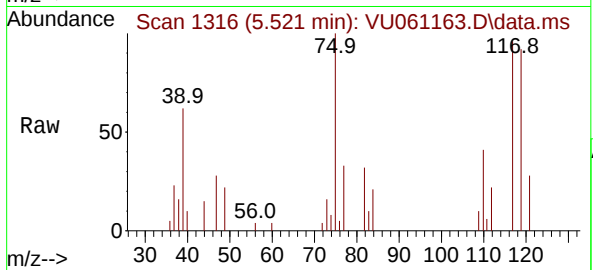




#29
1,1-Dichloropropene
Concen: 0.321 ug/l
RT: 5.521 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

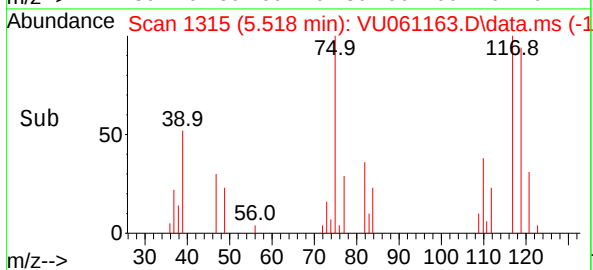
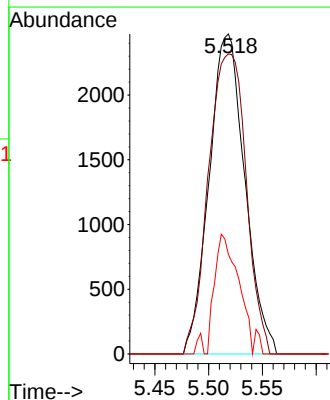
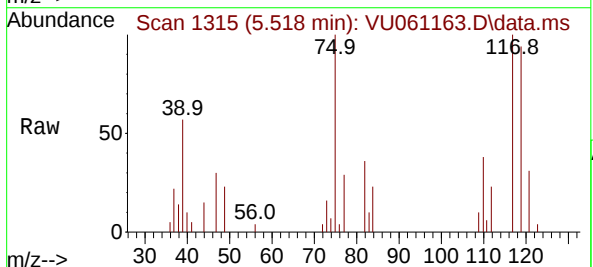
Instrument :
MSVOA_U
ClientSampleId :

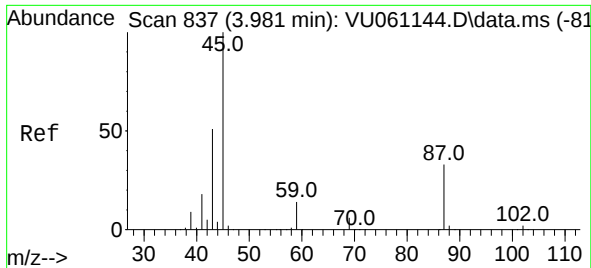
Tgt Ion: 75 Resp: 5977
Ion Ratio Lower Upper
75 100
110 35.4 17.8 53.3
77 29.8 24.6 37.0



#30
Carbon Tetrachloride
Concen: 0.311 ug/l
RT: 5.518 min Scan# 1315
Delta R.T. 0.003 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

Tgt Ion:117 Resp: 5692
Ion Ratio Lower Upper
117 100
119 93.7 76.4 114.6
121 31.1 24.1 36.1

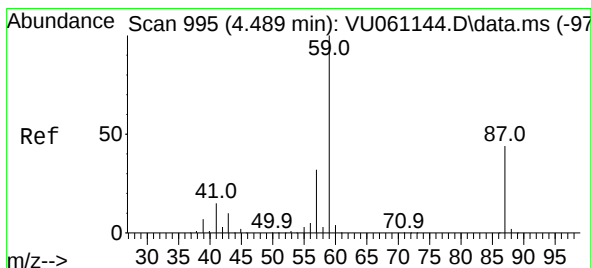
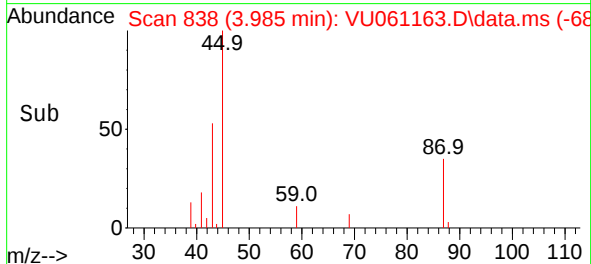
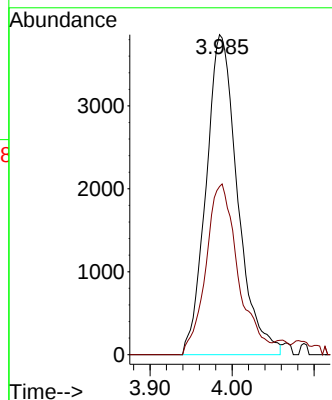
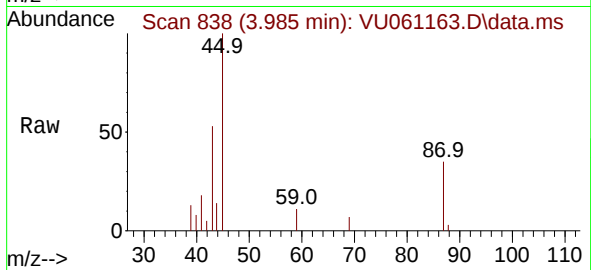




#31
Isopropyl Ether
Concen: 0.316 ug/l
RT: 3.985 min Scan# 837
Delta R.T. 0.003 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

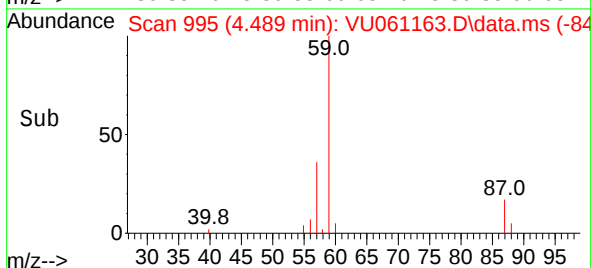
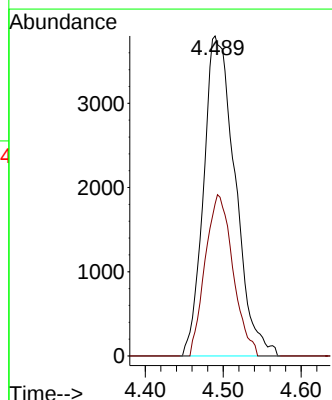
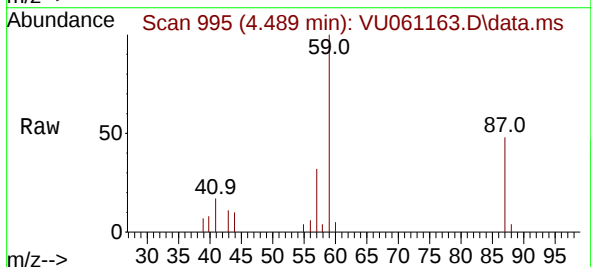
Instrument :
MSVOA_U
ClientSampleId :

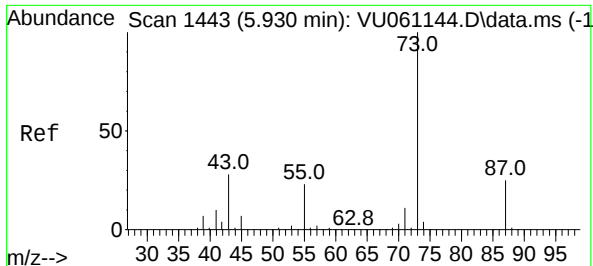
Tgt Ion: 45 Resp: 10278
Ion Ratio Lower Upper
45 100
43 54.7 25.7 77.0



#32
Ethyl-t-butyl ether
Concen: 0.319 ug/l
RT: 4.489 min Scan# 995
Delta R.T. -0.000 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

Tgt Ion: 59 Resp: 10668
Ion Ratio Lower Upper
59 100
87 44.4 34.7 52.1





#33

Tert-Amyl methyl ether

Concen: 0.333 ug/l

RT: 5.933 min Scan# 1443

Delta R.T. 0.003 min

Lab File: VU061163.D

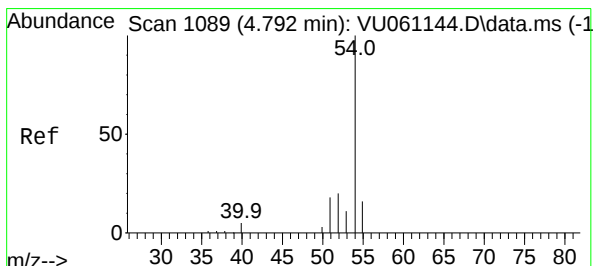
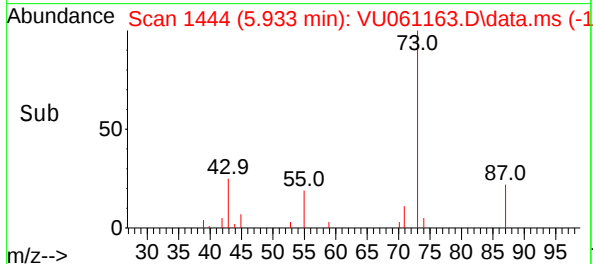
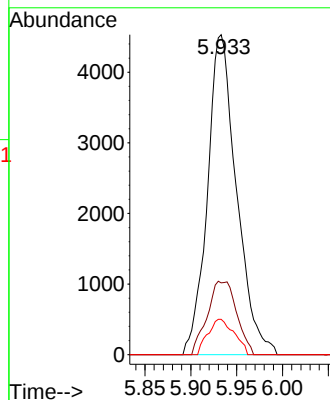
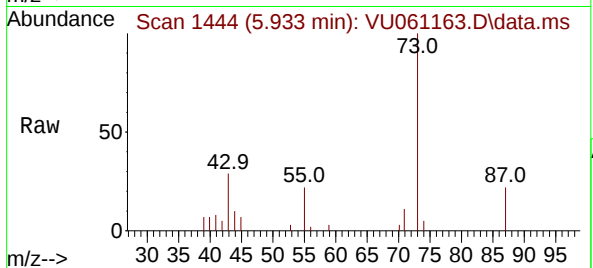
Acq: 18 Oct 2024 14:13

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 73	Resp: 10027
Ion Ratio	Lower Upper
73	100
87	23.0 19.8 29.8
71	9.9 8.6 12.8



#34

Propionitrile

Concen: 0.619 ug/l

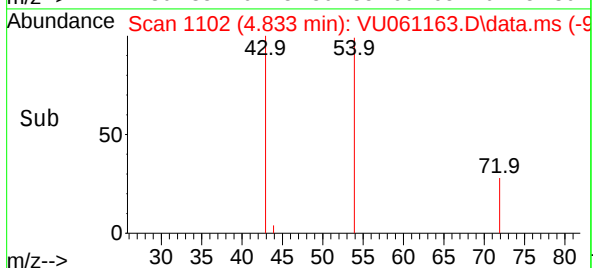
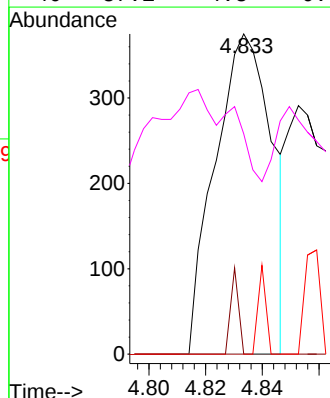
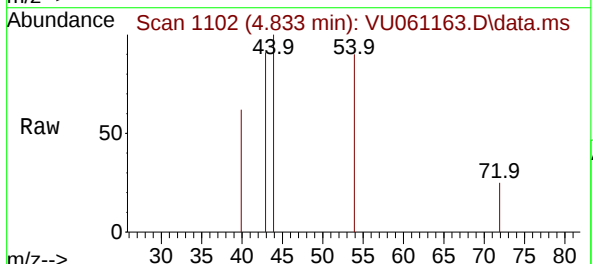
RT: 4.833 min Scan# 1102

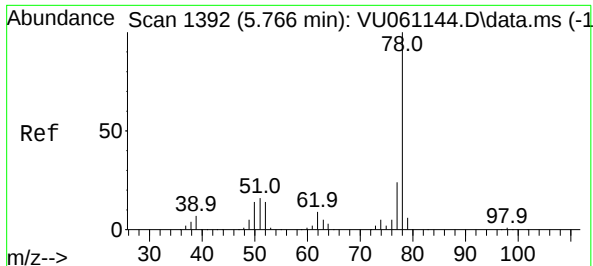
Delta R.T. 0.042 min

Lab File: VU061163.D

Acq: 18 Oct 2024 14:13

Tgt Ion: 54	Resp: 520
Ion Ratio	Lower Upper
54	100
52	3.7 15.3 22.9#
55	3.8 9.7 14.5#
40	37.1 4.3 6.5#





#35

Benzene

Concen: 0.335 ug/l

RT: 5.772 min Scan# 1400

Delta R.T. 0.006 min

Lab File: VU061163.D

Acq: 18 Oct 2024 14:13

Instrument :

MSVOA_U

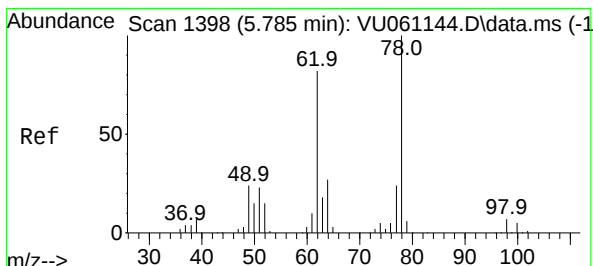
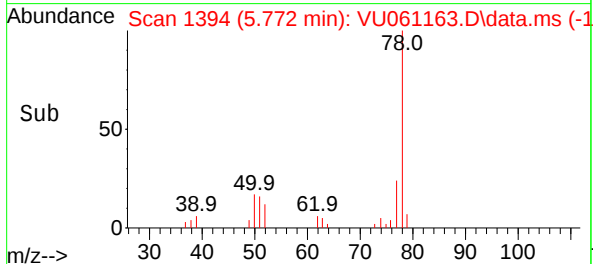
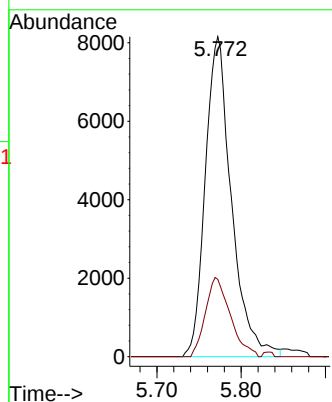
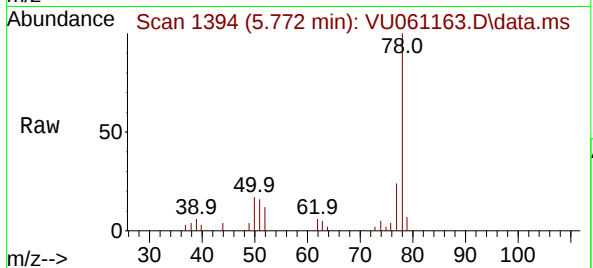
ClientSampleId :

Tgt Ion: 78 Resp: 17575

Ion Ratio Lower Upper

78 100

77 24.2 19.4 29.0



#36

1,2-Dichloroethane

Concen: 0.332 ug/l

RT: 5.795 min Scan# 1401

Delta R.T. 0.010 min

Lab File: VU061163.D

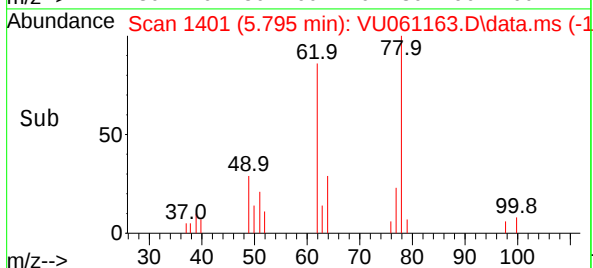
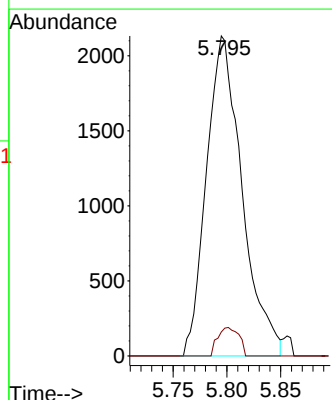
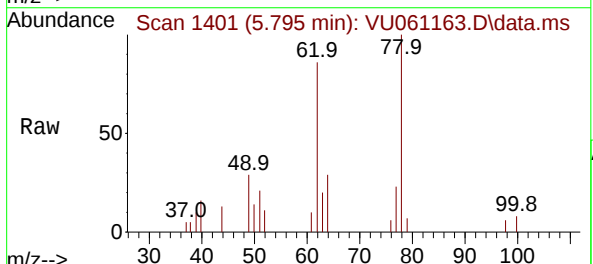
Acq: 18 Oct 2024 14:13

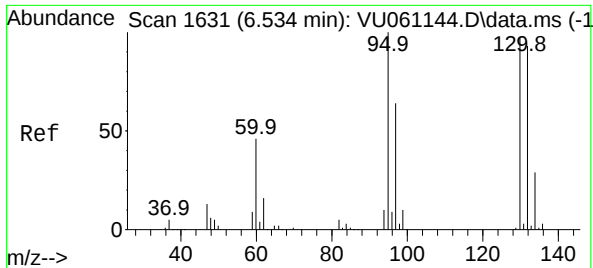
Tgt Ion: 62 Resp: 4913

Ion Ratio Lower Upper

62 100

98 5.3 7.0 10.4#

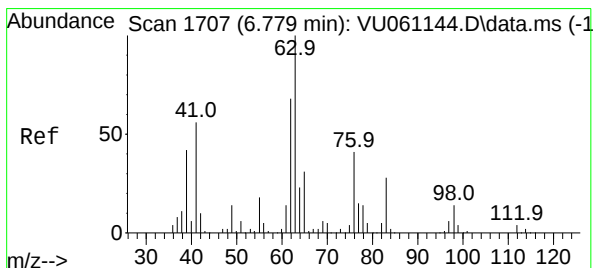
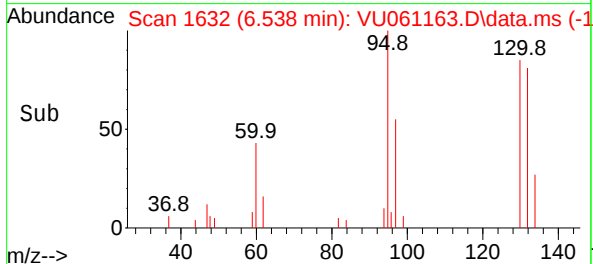
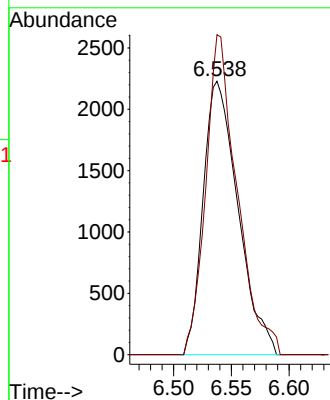
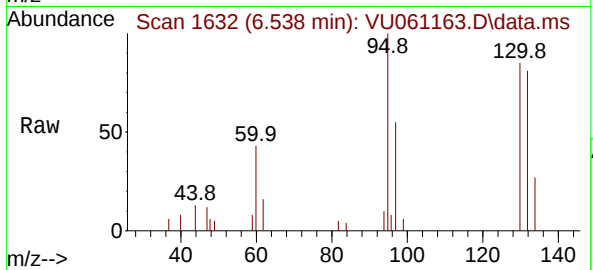




#37
Trichloroethene
Concen: 0.335 ug/l
RT: 6.538 min Scan# 1710
Delta R.T. 0.003 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

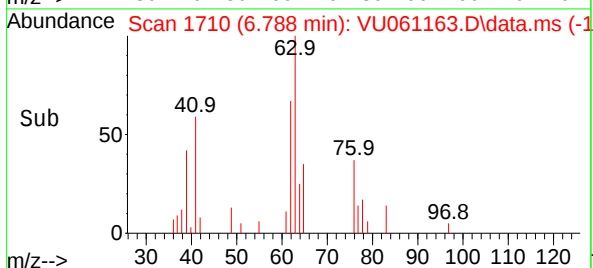
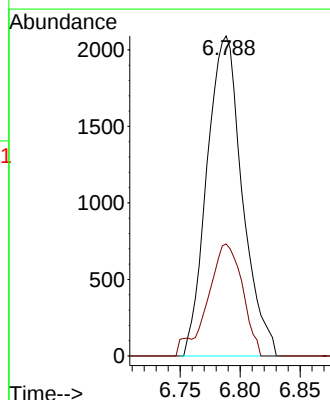
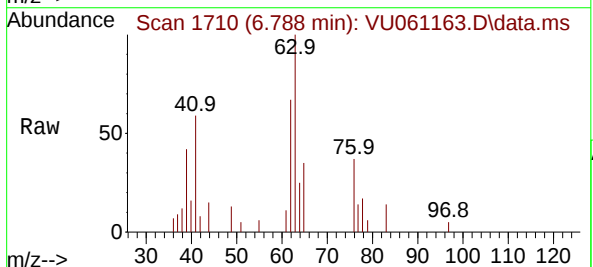
Instrument :
MSVOA_U
ClientSampleId :

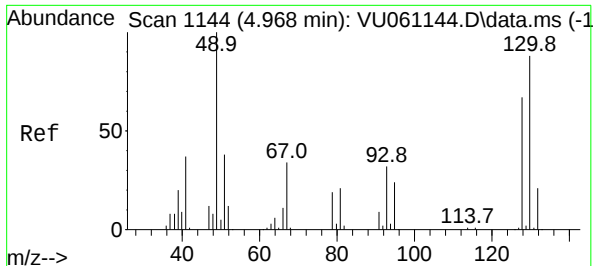
Tgt Ion:130 Resp: 4685
Ion Ratio Lower Upper
130 100
95 117.0 82.6 123.8



#38
1,2-Dichloropropane
Concen: 0.322 ug/l
RT: 6.788 min Scan# 1710
Delta R.T. 0.010 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

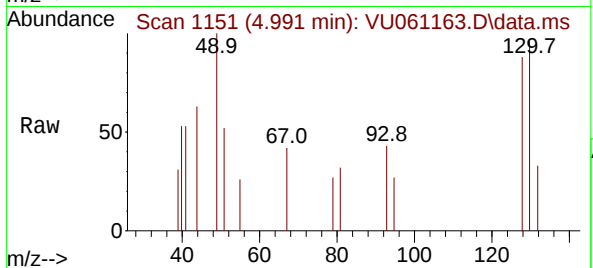
Tgt Ion: 63 Resp: 4282
Ion Ratio Lower Upper
63 100
65 35.0 25.0 37.6



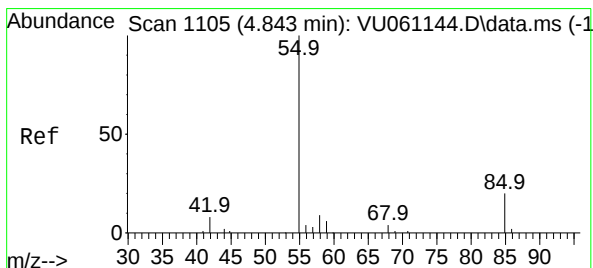
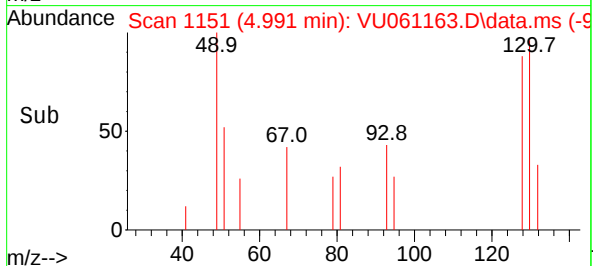
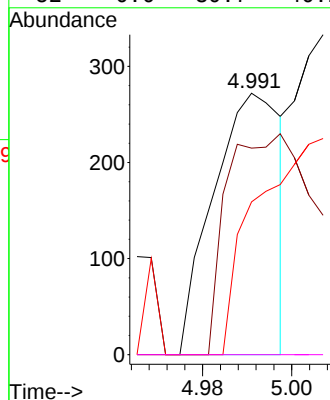


#39
Methacrylonitrile
Concen: 0.095 ug/l
RT: 4.991 min Scan# 1151
Delta R.T. 0.022 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

Instrument :
MSVOA_U
ClientSampleId :

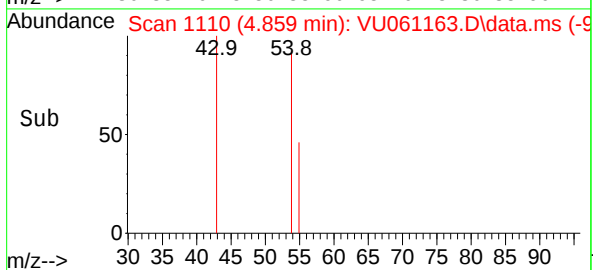
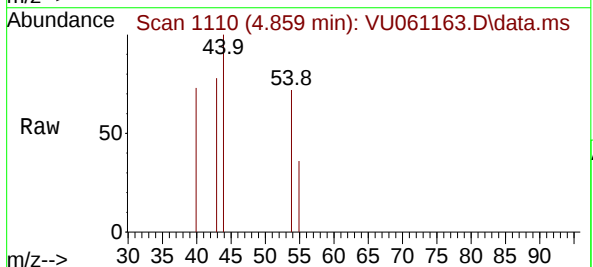
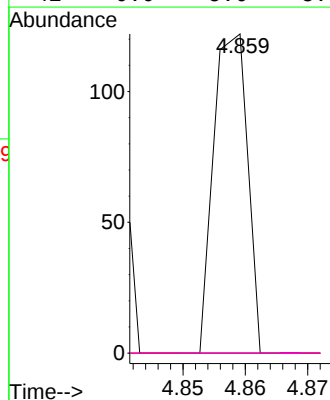


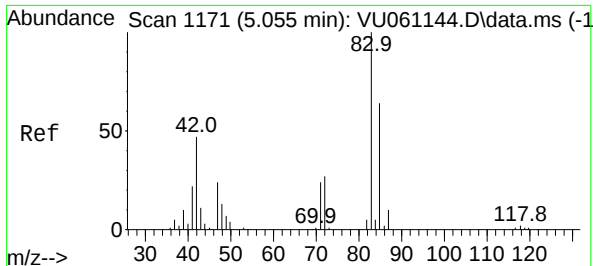
Tgt Ion:	41	Resp:	286
Ion	Ratio	Lower	Upper
41	100		
67	105.2	78.1	117.1
39	0.0	44.6	67.0#
52	6.6	30.7	46.1#



#40
Methyl acrylate
Concen: 0.007 ug/l
RT: 4.859 min Scan# 1110
Delta R.T. 0.016 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

Tgt Ion:	55	Resp:	46
Ion	Ratio	Lower	Upper
55	100		
85	0.0	14.1	21.1#
58	0.0	6.9	10.3#
42	0.0	5.6	8.4#

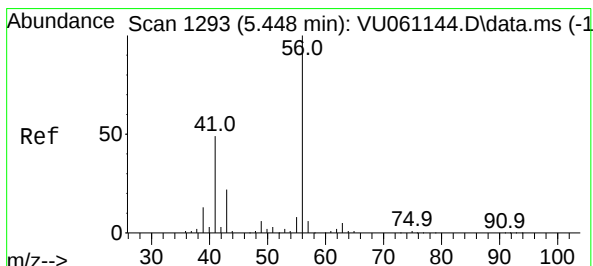
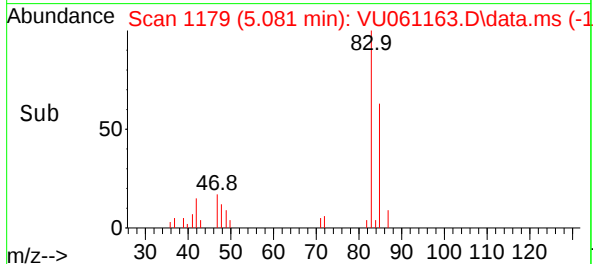
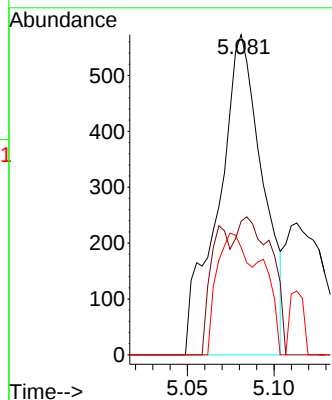
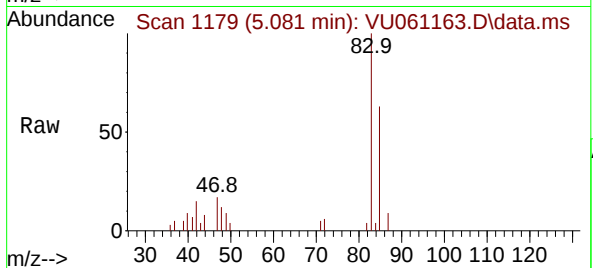




#41
Tetrahydrofuran
Concen: 0.563 ug/l
RT: 5.081 min Scan# 1171
Delta R.T. 0.026 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

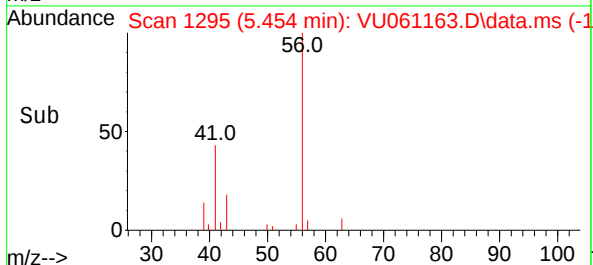
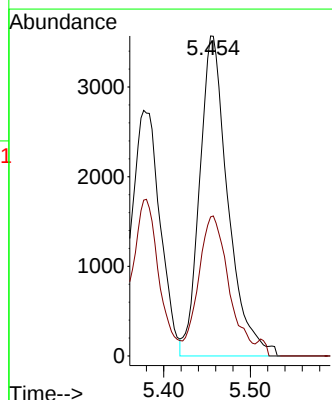
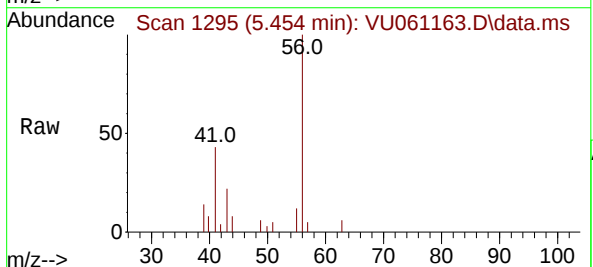
Instrument :
MSVOA_U
ClientSampleId :

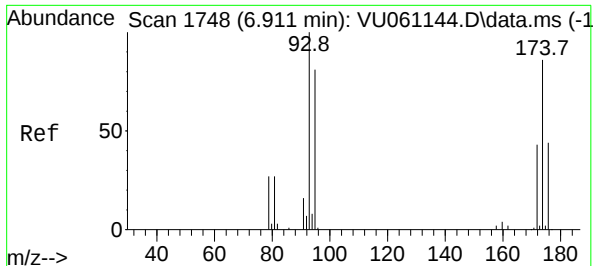
Tgt Ion: 42 Resp: 1023
Ion Ratio Lower Upper
42 100
72 30.9 47.8 71.8#
71 0.0 41.5 62.3#



#42
1-Chlorobutane
Concen: 0.339 ug/l
RT: 5.454 min Scan# 1295
Delta R.T. 0.006 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

Tgt Ion: 56 Resp: 8109
Ion Ratio Lower Upper
56 100
41 46.7 23.9 71.7





#43

Dibromomethane

Concen: 0.319 ug/l

RT: 6.917 min Scan# 1

Delta R.T. 0.006 min

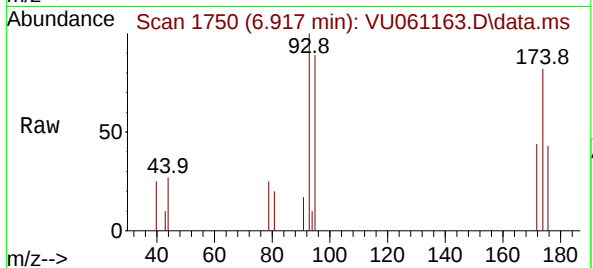
Lab File: VU061163.D

Acq: 18 Oct 2024 14:13

Instrument :

MSVOA_U

ClientSampleId :



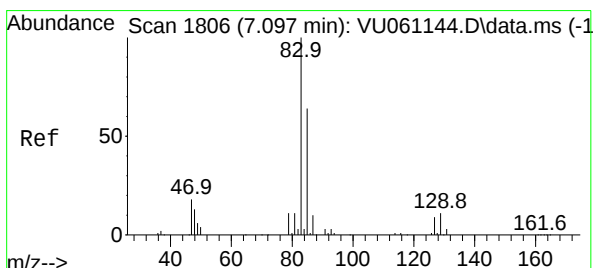
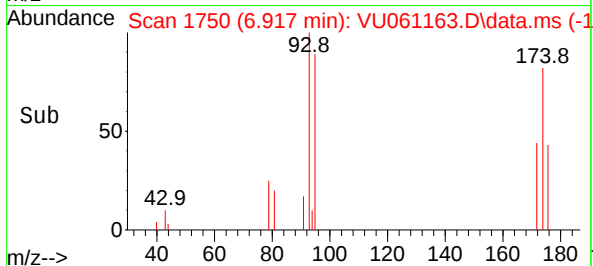
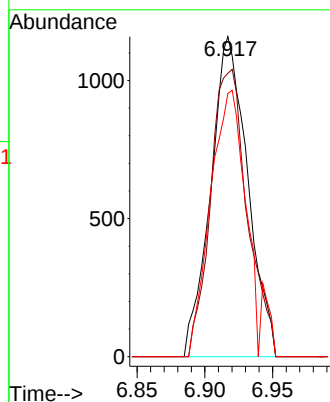
Tgt Ion: 93 Resp: 2199

Ion Ratio Lower Upper

93 100

95 89.4 67.5 101.3

174 77.8 71.2 106.8



#44

Bromodichloromethane

Concen: 0.326 ug/l

RT: 7.097 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VU061163.D

Acq: 18 Oct 2024 14:13

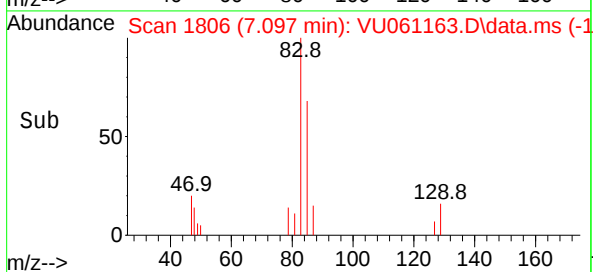
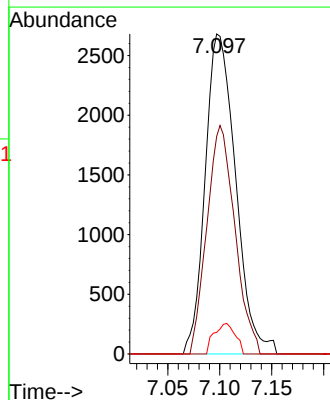
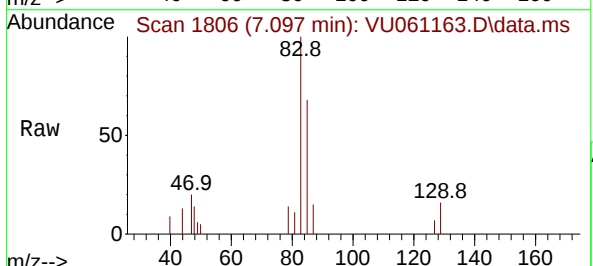
Tgt Ion: 83 Resp: 5463

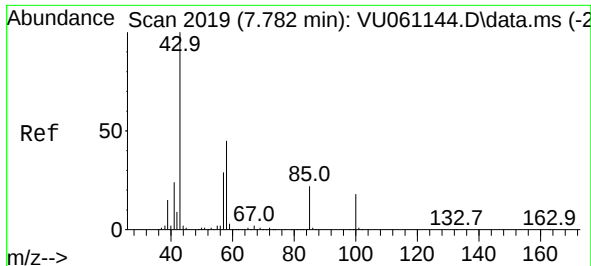
Ion Ratio Lower Upper

83 100

85 68.0 51.4 77.2

127 6.8 7.4 11.2#

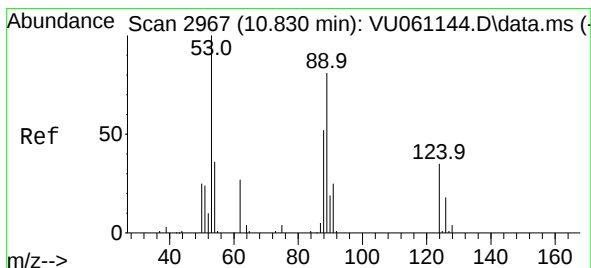
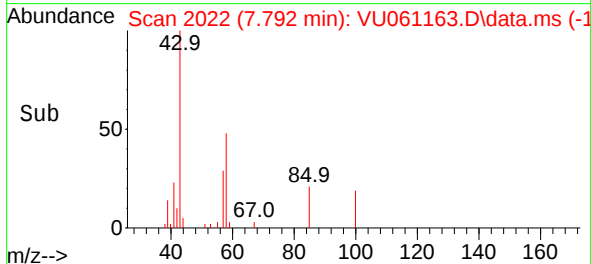
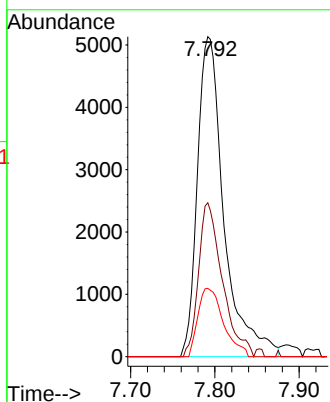
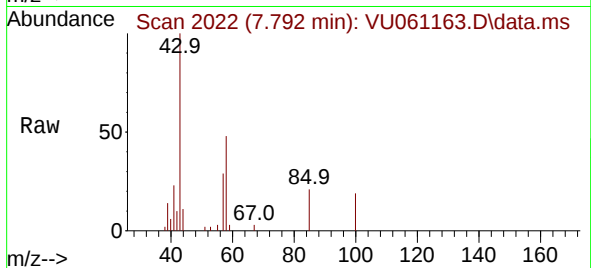




#45
4-Methyl-2-Pentanone
Concen: 1.627 ug/l
RT: 7.792 min Scan# 2019
Delta R.T. 0.010 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

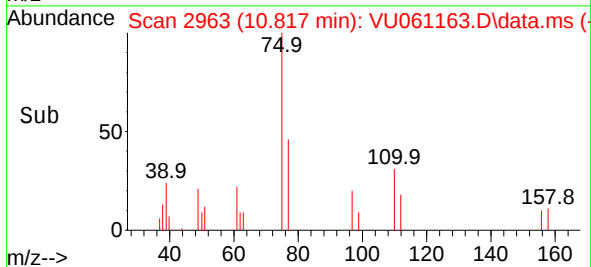
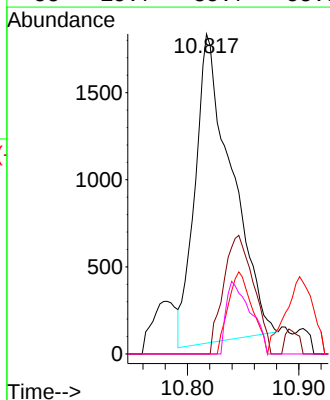
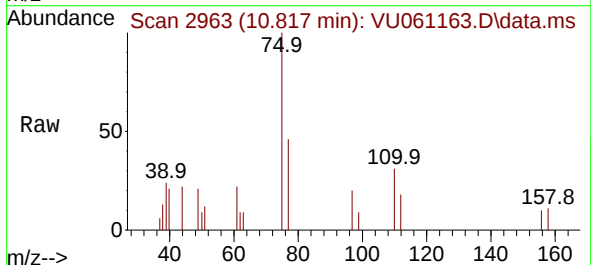
Instrument :
MSVOA_U
ClientSampleId :

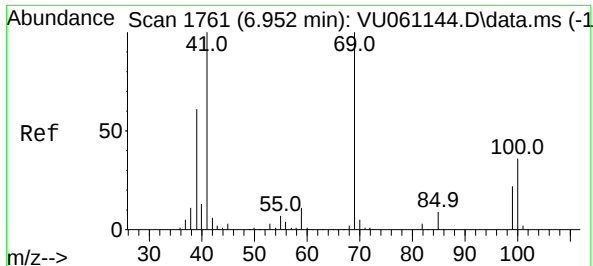
Tgt Ion: 43 Resp: 11252
Ion Ratio Lower Upper
43 100
58 43.1 22.2 66.6
85 20.5 17.2 25.8



#46
t-1,4-Dichloro-2-butene
Concen: 1.460 ug/l
RT: 10.817 min Scan# 2963
Delta R.T. -0.013 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

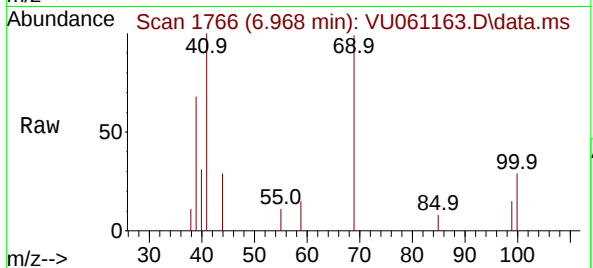
Tgt Ion: 75 Resp: 4026
Ion Ratio Lower Upper
75 100
53 31.8 66.0 99.0#
89 17.6 48.0 72.0#
88 15.7 35.7 53.5#



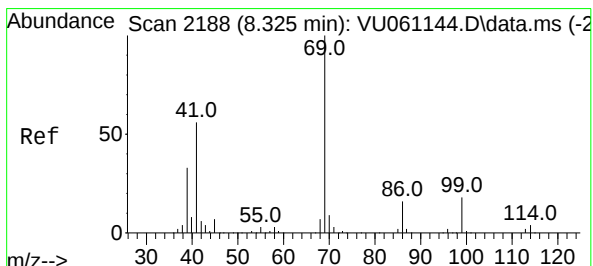
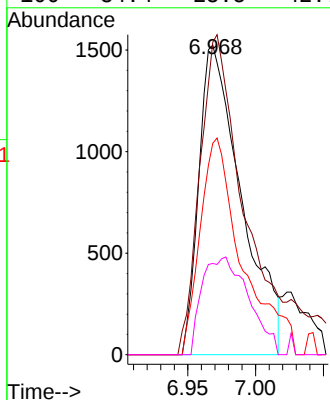
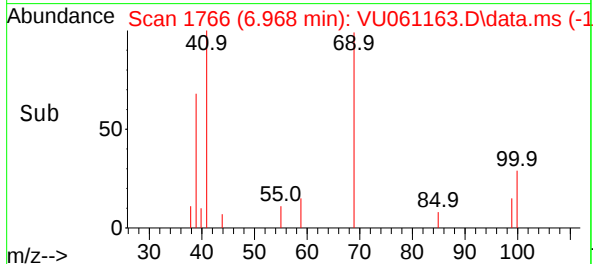


#47
Methyl methacrylate
Concen: 0.557 ug/l
RT: 6.968 min Scan# 1766
Delta R.T. 0.016 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

Instrument :
MSVOA_U
ClientSampleId :

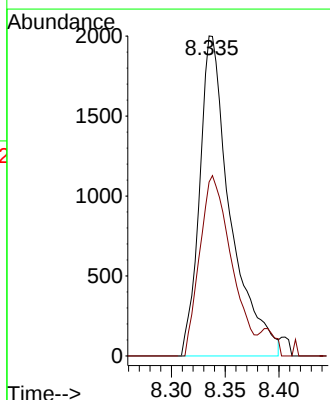
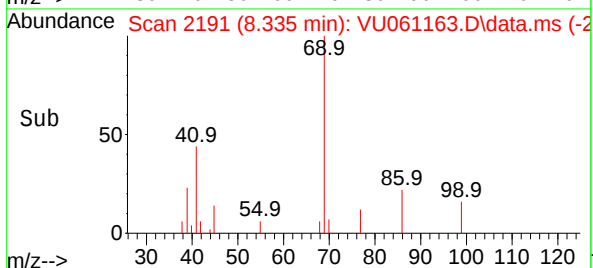
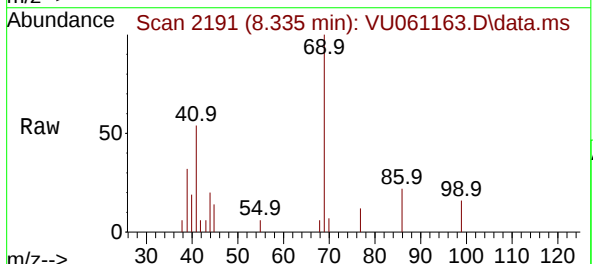


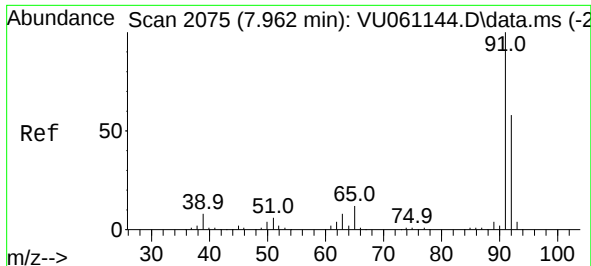
Tgt Ion: 69 Resp: 3336
Ion Ratio Lower Upper
69 100
41 117.2 0.0 196.0
39 68.9 48.0 72.0
100 34.4 28.5 42.7



#48
Ethyl methacrylate
Concen: 0.312 ug/l
RT: 8.335 min Scan# 2191
Delta R.T. 0.010 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

Tgt Ion: 69 Resp: 3979
Ion Ratio Lower Upper
69 100
41 58.3 28.1 84.3





#49

Toluene

Concen: 0.336 ug/l

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU061163.D

Acq: 18 Oct 2024 14:13

Instrument :

MSVOA_U

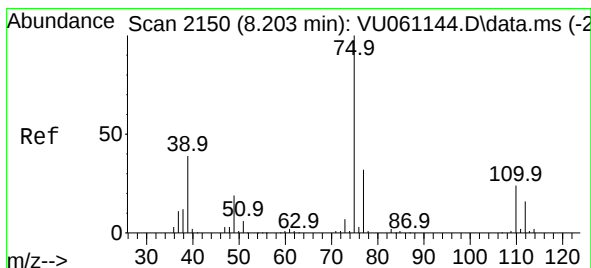
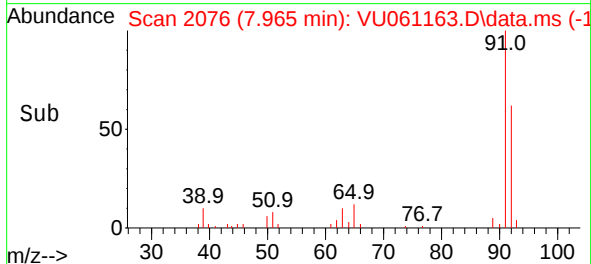
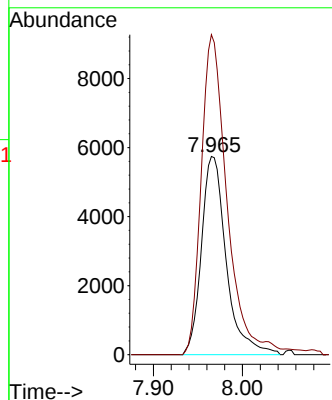
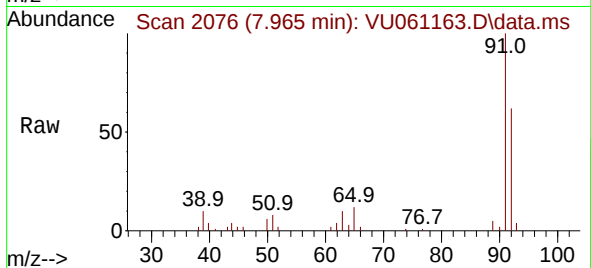
ClientSampleId :

Tgt Ion: 92 Resp: 11120

Ion Ratio Lower Upper

92 100

91 164.3 139.1 208.7



#50

t-1,3-Dichloropropene

Concen: 0.313 ug/l

RT: 8.210 min Scan# 2152

Delta R.T. 0.006 min

Lab File: VU061163.D

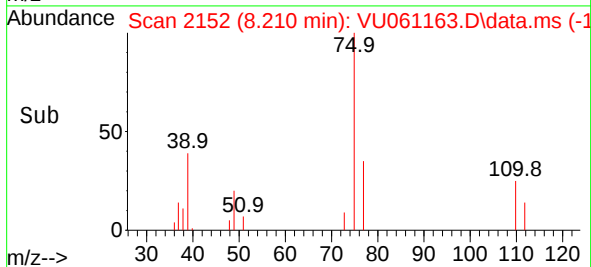
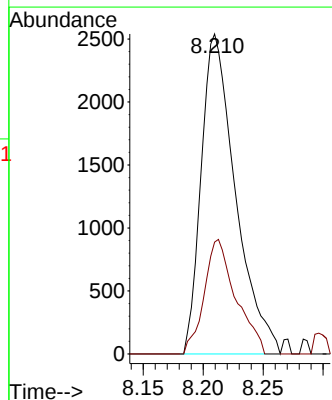
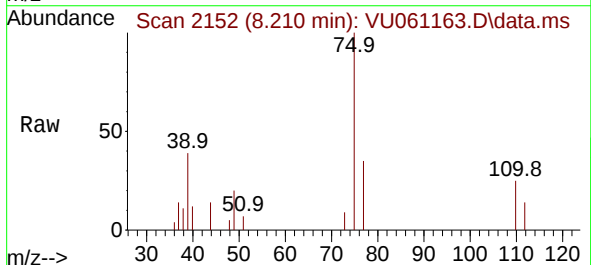
Acq: 18 Oct 2024 14:13

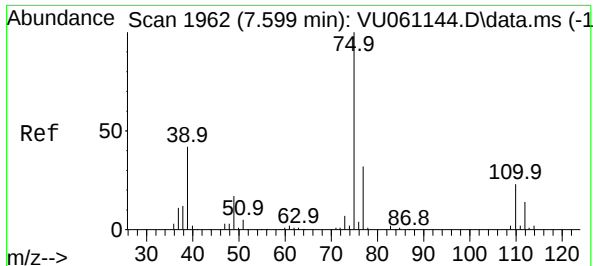
Tgt Ion: 75 Resp: 5054

Ion Ratio Lower Upper

75 100

77 35.0 25.9 38.9

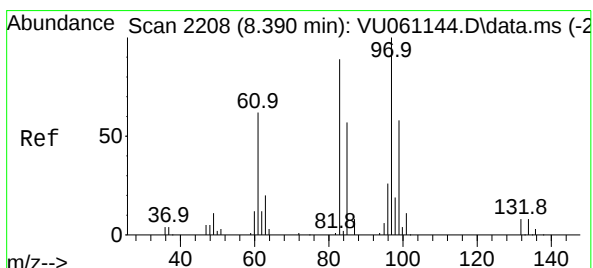
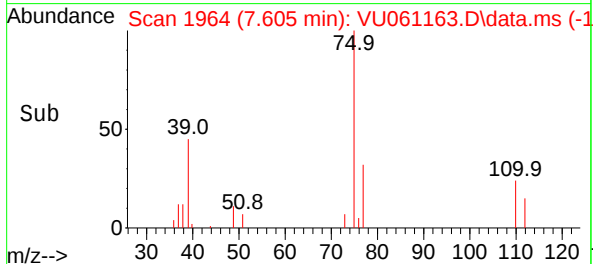
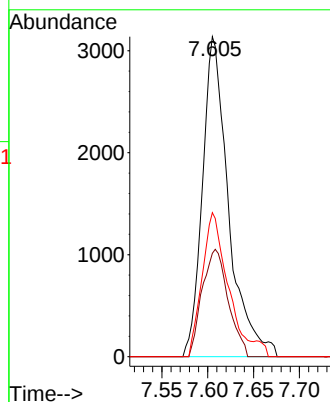
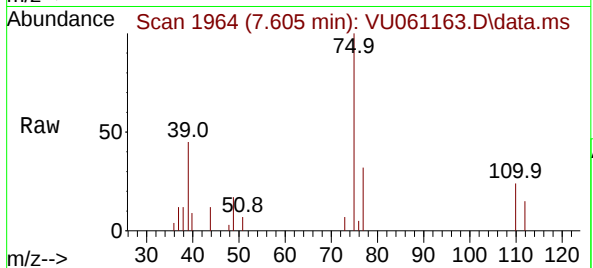




#51
 cis-1,3-Dichloropropene
 Concen: 0.313 ug/l
 RT: 7.605 min Scan# 1962
 Delta R.T. 0.006 min
 Lab File: VU061163.D
 Acq: 18 Oct 2024 14:13

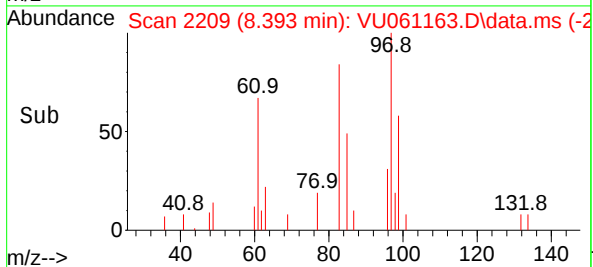
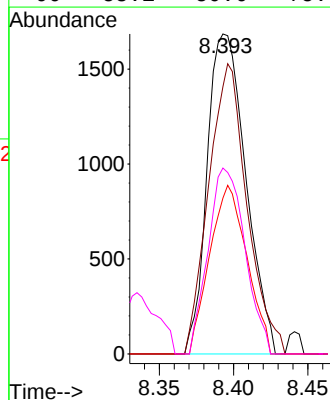
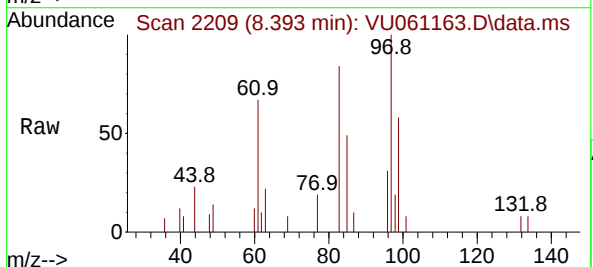
Instrument :
 MSVOA_U
 ClientSampleId :

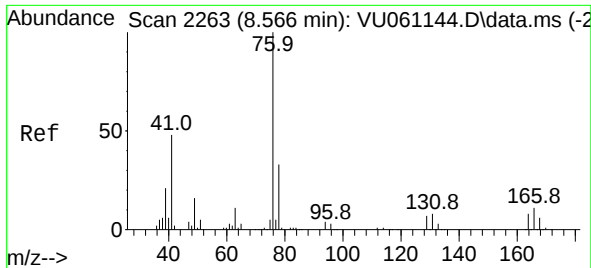
Tgt Ion:	75	Resp:	6201
Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.8	38.8
39	45.0	33.7	50.5



#52
 1,1,2-Trichloroethane
 Concen: 0.329 ug/l
 RT: 8.393 min Scan# 2209
 Delta R.T. 0.003 min
 Lab File: VU061163.D
 Acq: 18 Oct 2024 14:13

Tgt Ion:	97	Resp:	3053
Ion	Ratio	Lower	Upper
97	100		
83	83.5	71.0	106.4
85	48.7	46.1	69.1
99	58.1	50.6	75.8

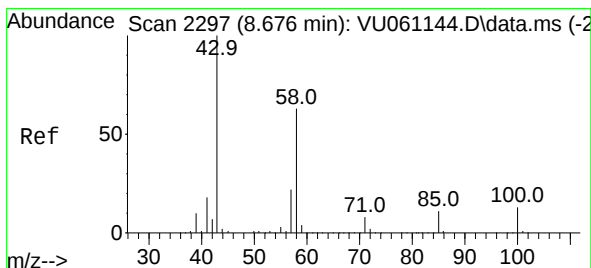
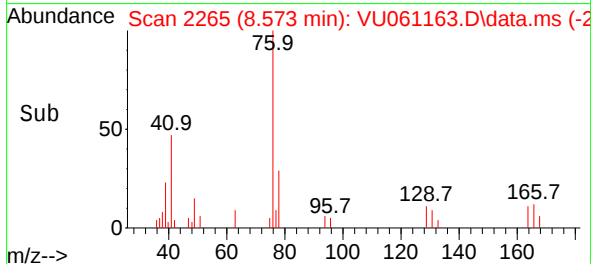
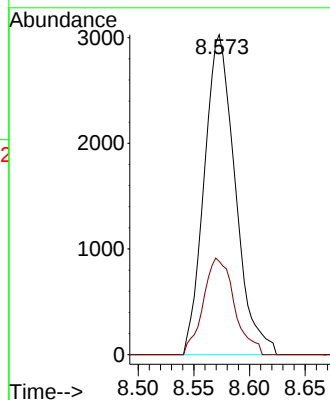
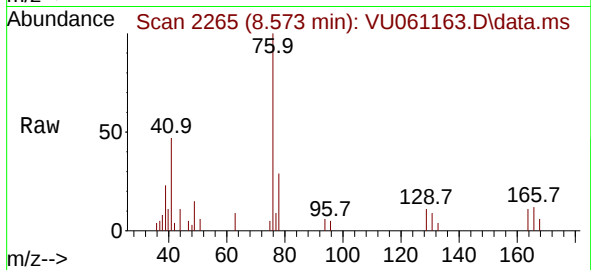




#53
1,3-Dichloropropane
Concen: 0.359 ug/l
RT: 8.573 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

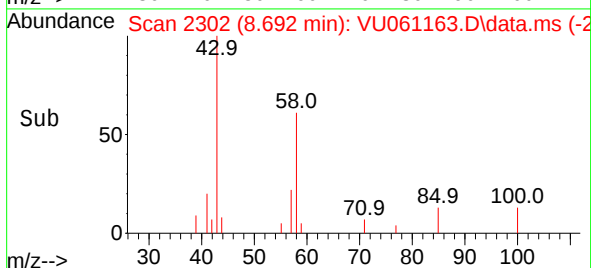
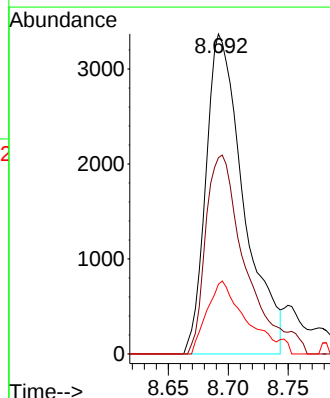
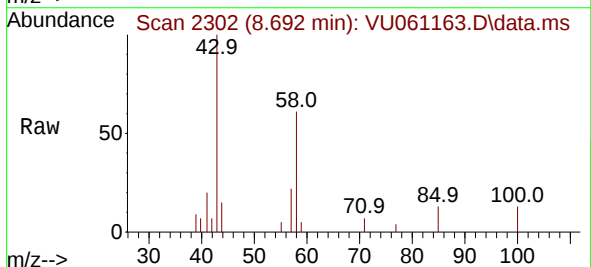
Instrument :
MSVOA_U
ClientSampleId :

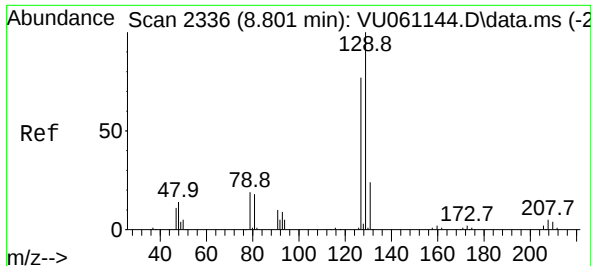
Tgt Ion: 76 Resp: 5852
Ion Ratio Lower Upper
76 100
78 30.4 26.2 39.2



#54
2-Hexanone
Concen: 1.299 ug/l
RT: 8.692 min Scan# 2302
Delta R.T. 0.016 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

Tgt Ion: 43 Resp: 7381
Ion Ratio Lower Upper
43 100
58 65.4 41.8 81.8
57 23.0 1.4 41.4





#55

Dibromochloromethane

Concen: 0.294 ug/l

RT: 8.804 min Scan# 2337

Delta R.T. 0.003 min

Lab File: VU061163.D

Acq: 18 Oct 2024 14:13

Instrument :

MSVOA_U

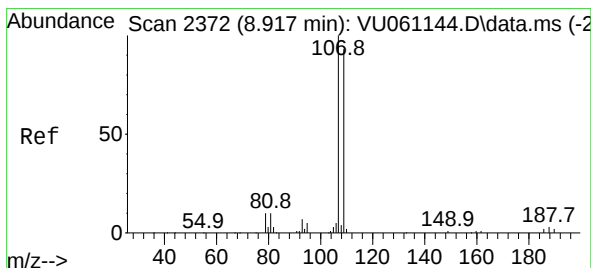
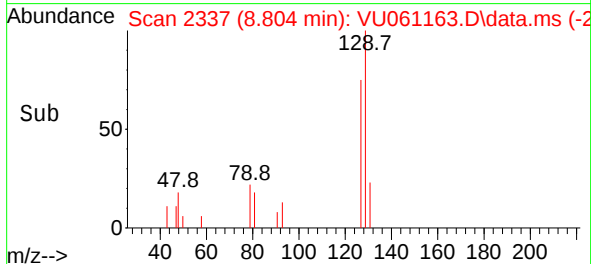
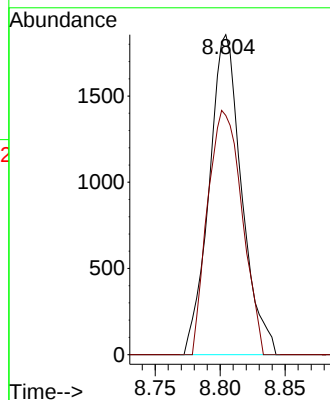
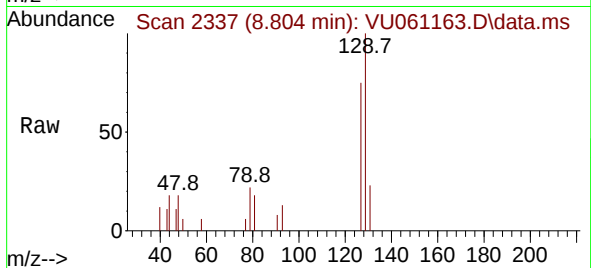
ClientSampleId :

Tgt Ion:129 Resp: 3227

Ion Ratio Lower Upper

129 100

127 80.8 61.9 92.9



#56

1,2-Dibromoethane

Concen: 0.323 ug/l

RT: 8.923 min Scan# 2374

Delta R.T. 0.006 min

Lab File: VU061163.D

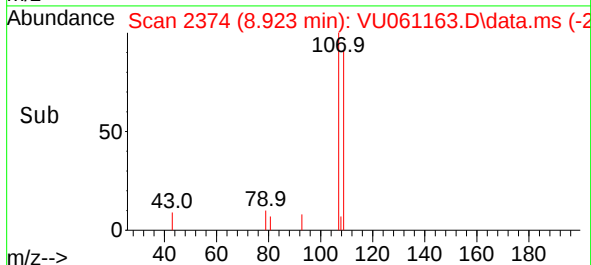
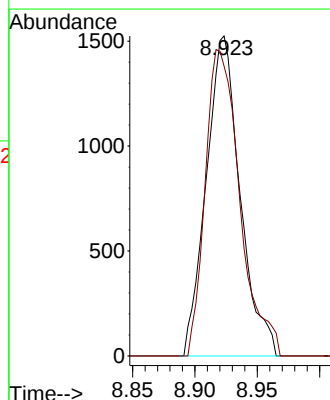
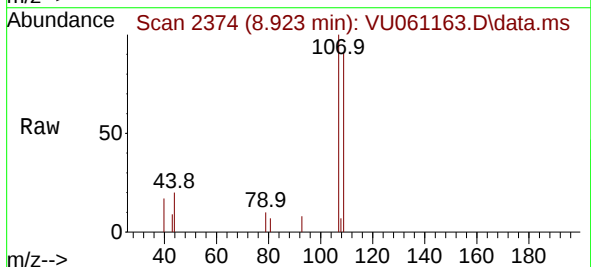
Acq: 18 Oct 2024 14:13

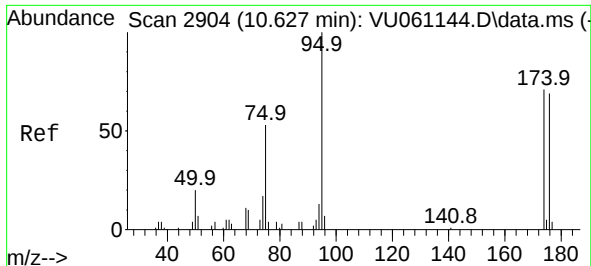
Tgt Ion:107 Resp: 2878

Ion Ratio Lower Upper

107 100

109 97.9 0.0 185.2





#57

4-Bromofluorobenzene

Concen: 0.886 ug/l

RT: 10.631 min Scan# 2905

Delta R.T. 0.003 min

Lab File: VU061163.D

Acq: 18 Oct 2024 14:13

Instrument :

MSVOA_U

ClientSampleId :

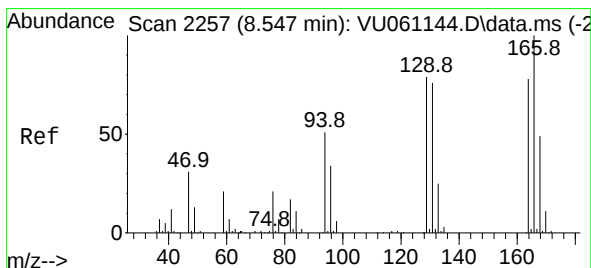
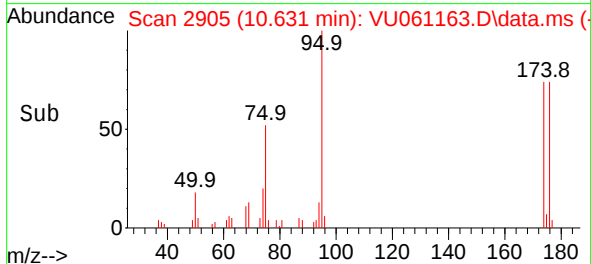
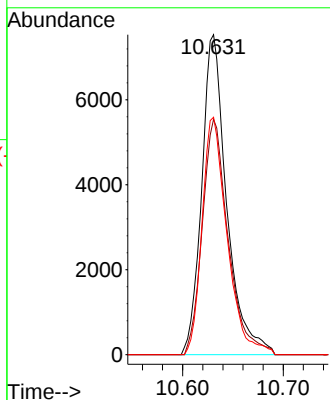
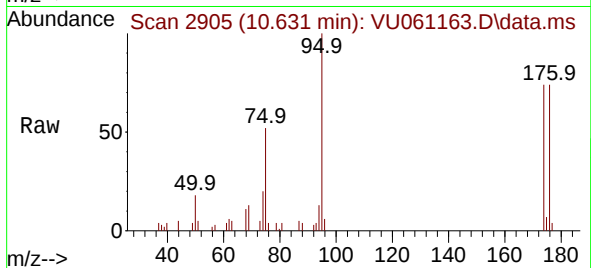
Tgt Ion: 95 Resp: 13019

Ion Ratio Lower Upper

95 100

174 76.2 55.4 83.0

176 74.2 54.4 81.6



#58

Tetrachloroethene

Concen: 0.327 ug/l

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

Lab File: VU061163.D

Acq: 18 Oct 2024 14:13

Tgt Ion:164 Resp: 3887

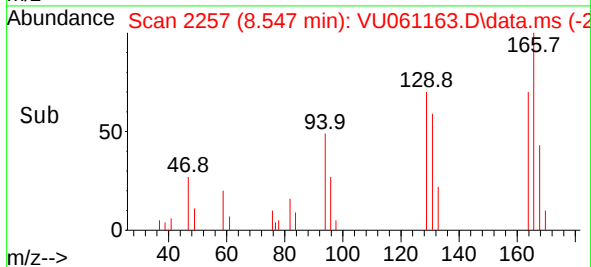
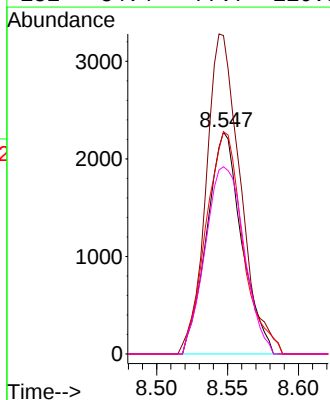
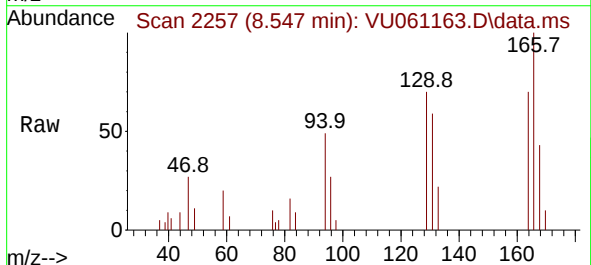
Ion Ratio Lower Upper

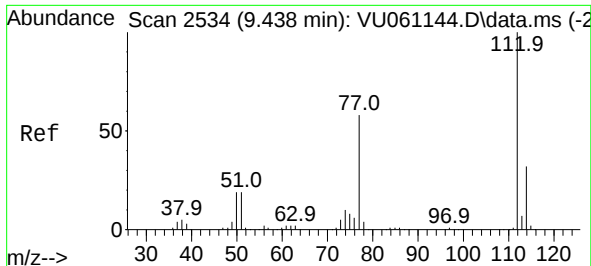
164 100

166 143.5 102.1 153.1

129 100.2 80.6 120.8

131 84.4 77.7 116.5

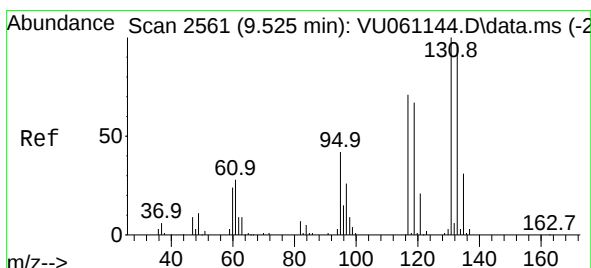
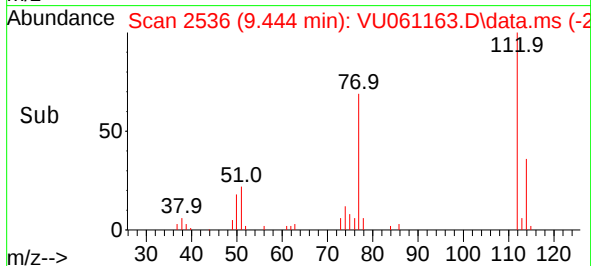
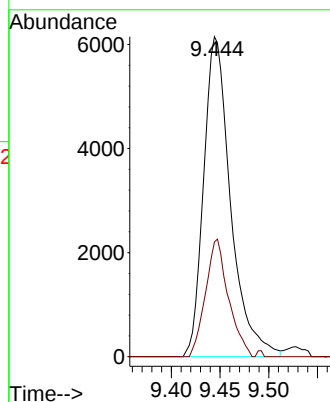
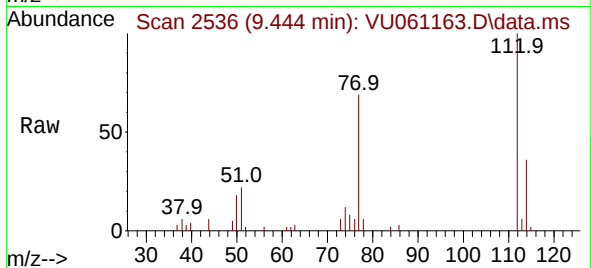




#59
Chlorobenzene
Concen: 0.331 ug/l
RT: 9.444 min Scan# 2536
Delta R.T. 0.006 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

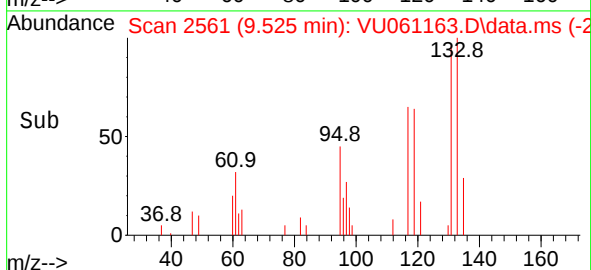
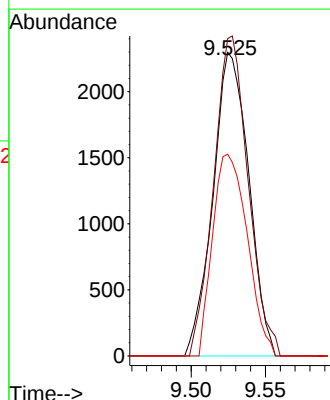
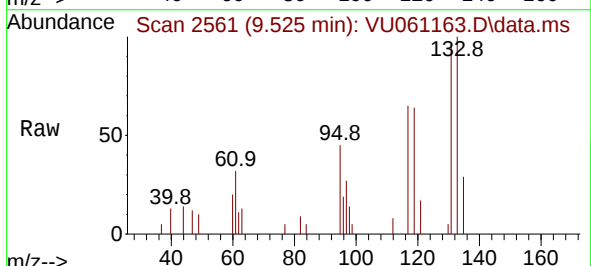
Instrument :
MSVOA_U
ClientSampleId :

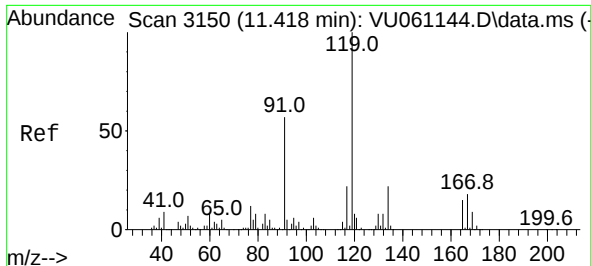
Tgt Ion:112 Resp: 11832
Ion Ratio Lower Upper
112 100
114 35.9 25.4 38.2



#60
1,1,1,2-Tetrachloroethane
Concen: 0.320 ug/l
RT: 9.525 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

Tgt Ion:131 Resp: 3856
Ion Ratio Lower Upper
131 100
133 101.5 76.8 115.2
119 64.2 54.2 81.2

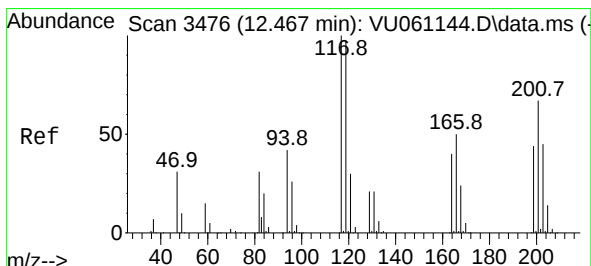
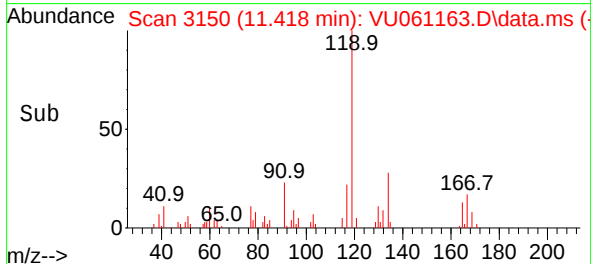
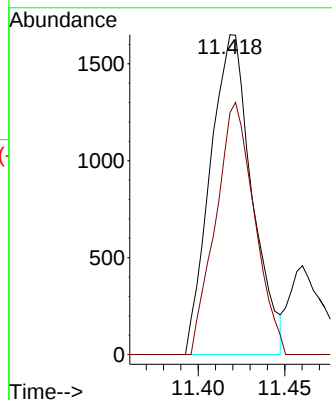
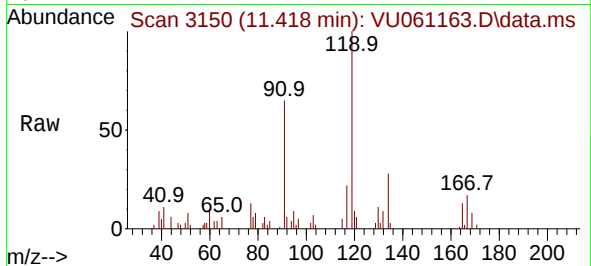




#61
Pentachloroethane
Concen: 0.300 ug/l
RT: 11.418 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

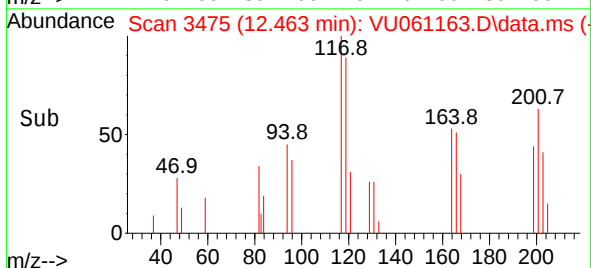
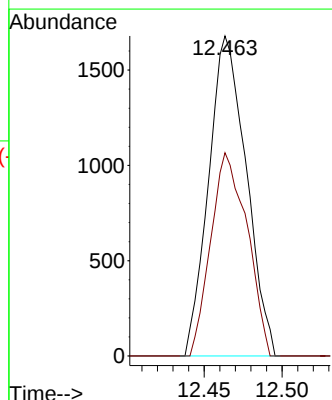
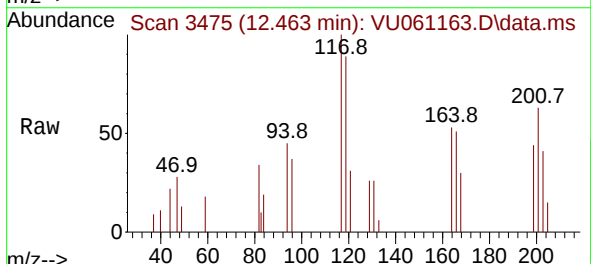
Instrument :
MSVOA_U
ClientSampleId :

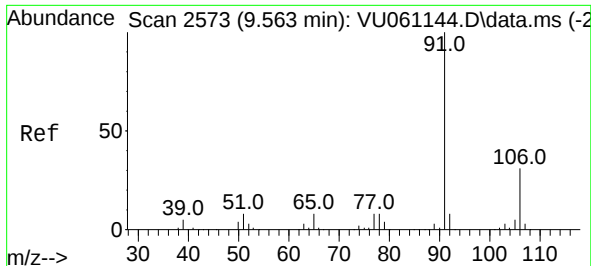
Tgt Ion:117 Resp: 2764
Ion Ratio Lower Upper
117 100
167 73.3 63.4 95.2



#62
Hexachloroethane
Concen: 0.297 ug/l
RT: 12.463 min Scan# 3475
Delta R.T. -0.003 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

Tgt Ion:117 Resp: 2818
Ion Ratio Lower Upper
117 100
201 61.3 54.3 81.5





#63

Ethyl Benzene

Concen: 0.309 ug/l

RT: 9.566 min Scan# 2574

Delta R.T. 0.003 min

Lab File: VU061163.D

Acq: 18 Oct 2024 14:13

Instrument :

MSVOA_U

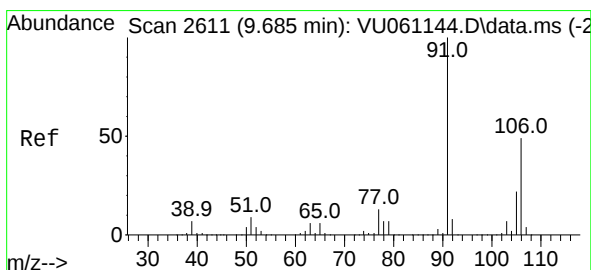
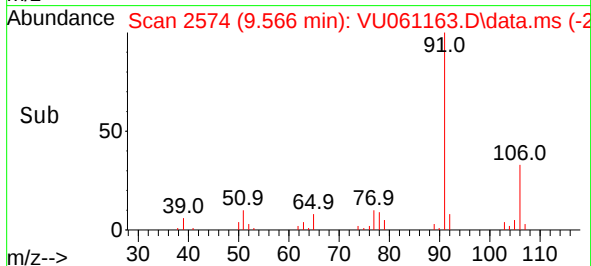
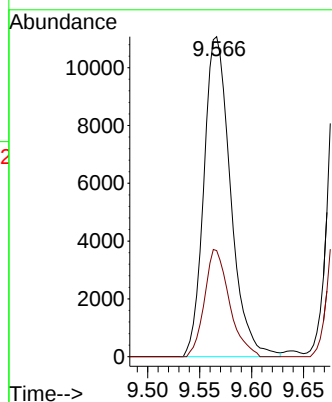
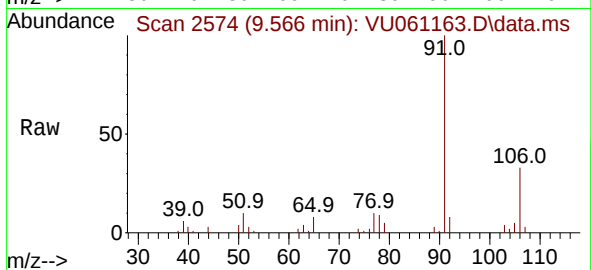
ClientSampleId :

Tgt Ion: 91 Resp: 19794

Ion Ratio Lower Upper

91 100

106 33.2 24.6 37.0



#64

m/p-Xylenes

Concen: 0.628 ug/l

RT: 9.689 min Scan# 2612

Delta R.T. 0.003 min

Lab File: VU061163.D

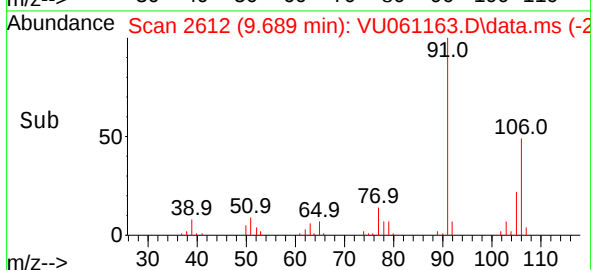
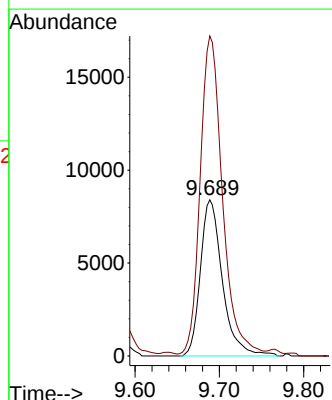
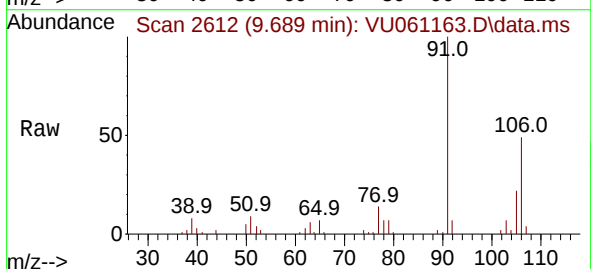
Acq: 18 Oct 2024 14:13

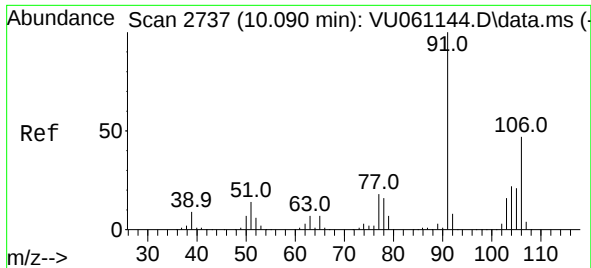
Tgt Ion:106 Resp: 15292

Ion Ratio Lower Upper

106 100

91 204.5 163.3 244.9

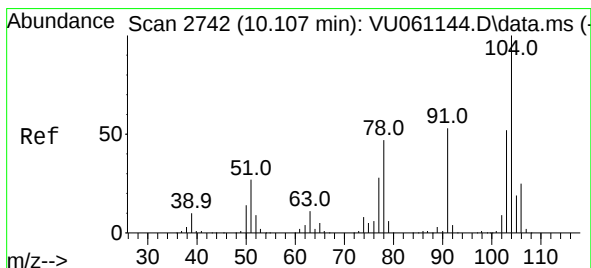
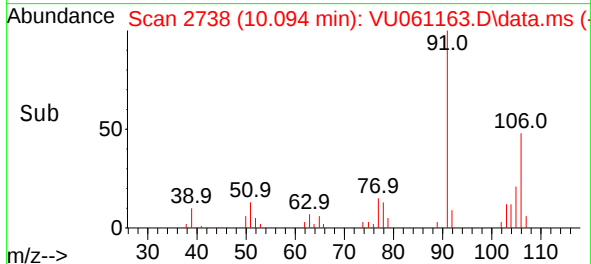
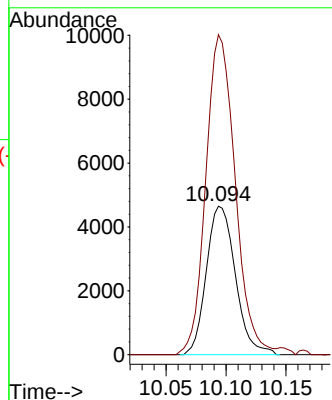
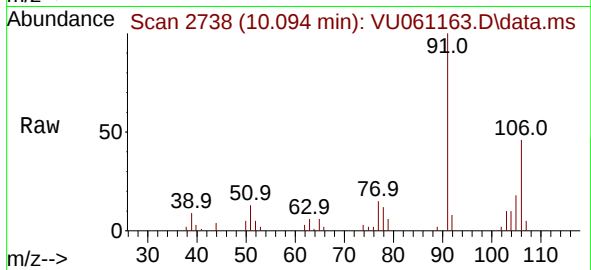




#65
o-Xylene
Concen: 0.327 ug/l
RT: 10.094 min Scan# 2738
Delta R.T. 0.003 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

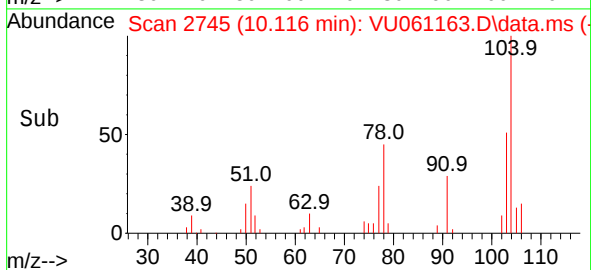
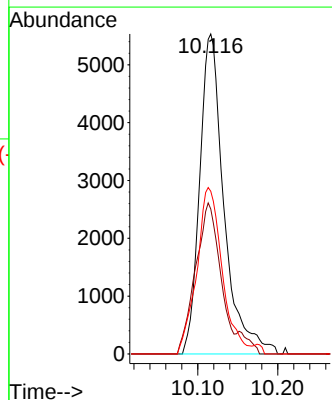
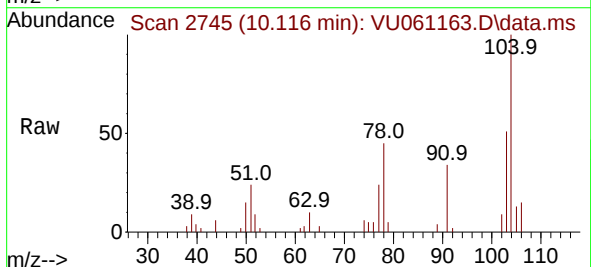
Instrument :
MSVOA_U
ClientSampleId :

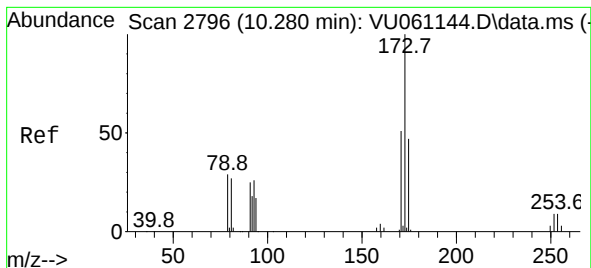
Tgt Ion:106 Resp: 7836
Ion Ratio Lower Upper
106 100
91 217.9 106.9 320.8



#66
Styrene
Concen: 0.314 ug/l
RT: 10.116 min Scan# 2745
Delta R.T. 0.010 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

Tgt Ion:104 Resp: 11718
Ion Ratio Lower Upper
104 100
78 48.3 41.6 62.4
103 54.5 45.0 67.6





#67

Bromoform

Concen: 0.277 ug/l

RT: 10.283 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU061163.D

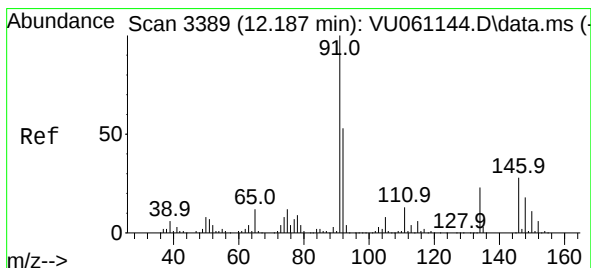
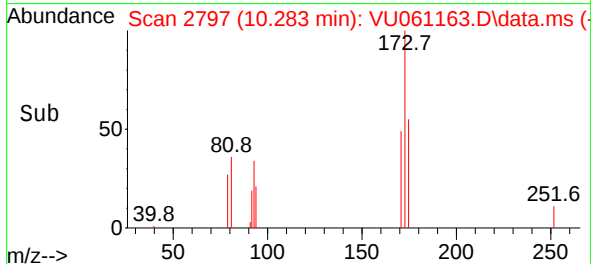
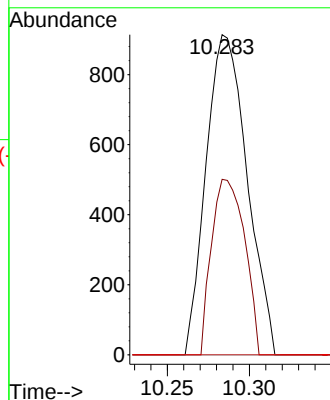
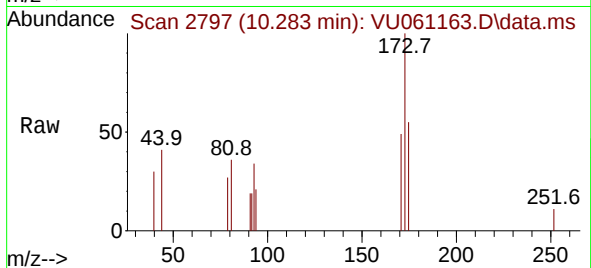
Acq: 18 Oct 2024 14:13

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:173	Resp:	1589
Ion Ratio	Lower	Upper
173	100	
175	44.0	37.8 56.8
254	0.0	7.0 10.4#



#68

1,2-Dichlorobenzene-d4

Concen: 0.903 ug/l

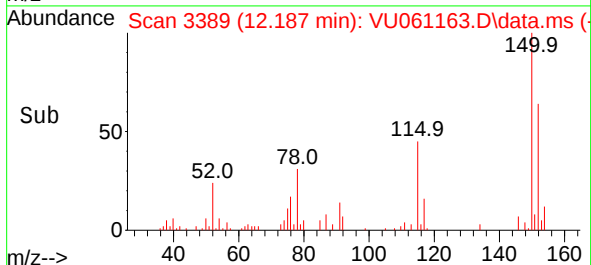
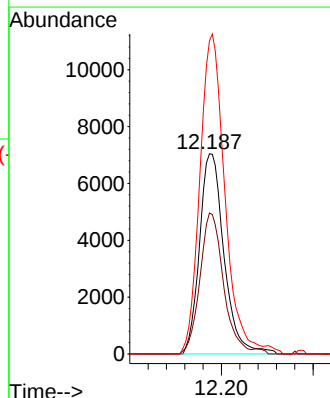
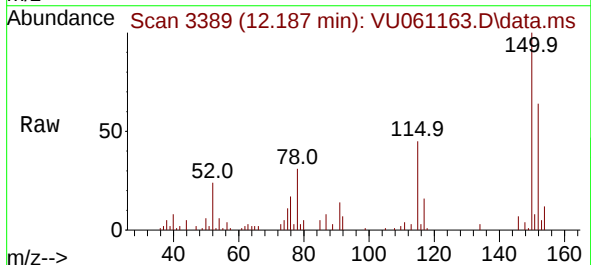
RT: 12.187 min Scan# 3389

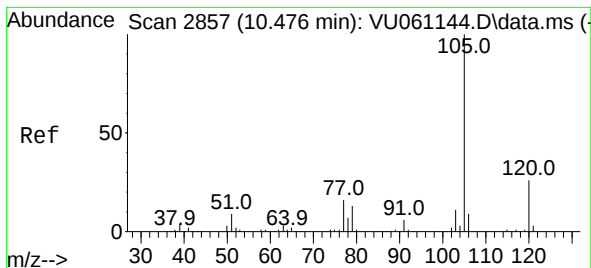
Delta R.T. -0.000 min

Lab File: VU061163.D

Acq: 18 Oct 2024 14:13

Tgt Ion:152	Resp:	13069
Ion Ratio	Lower	Upper
152	100	
115	67.3	0.0 275.0
150	163.7	0.0 668.8





#69

Isopropylbenzene

Concen: 0.314 ug/l

RT: 10.480 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU061163.D

Acq: 18 Oct 2024 14:13

Instrument :

MSVOA_U

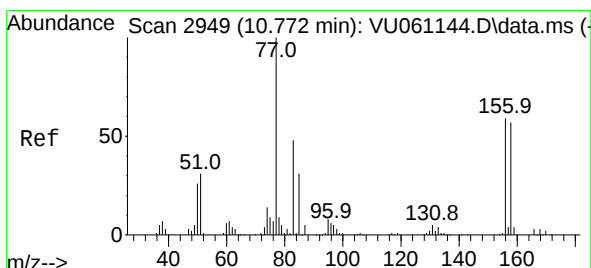
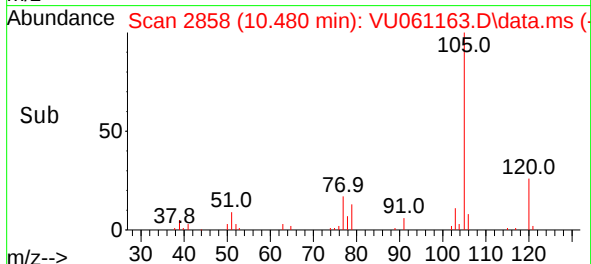
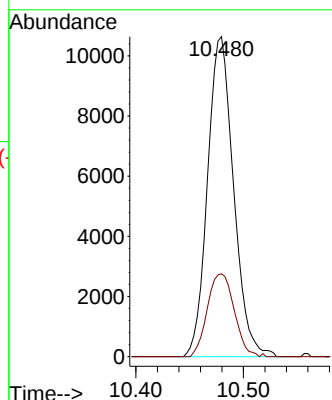
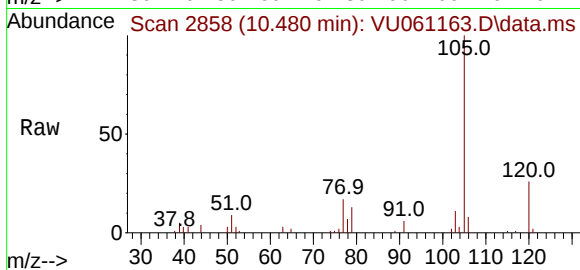
ClientSampleId :

Tgt Ion:105 Resp: 17916

Ion Ratio Lower Upper

105 100

120 26.8 13.1 39.1



#70

1,1,2,2-Tetrachloroethane

Concen: 0.339 ug/l

RT: 10.775 min Scan# 2950

Delta R.T. 0.003 min

Lab File: VU061163.D

Acq: 18 Oct 2024 14:13

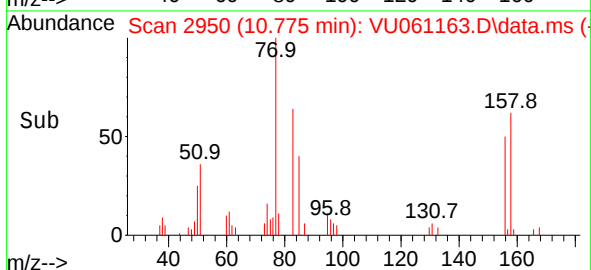
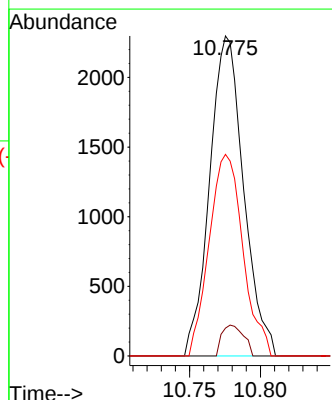
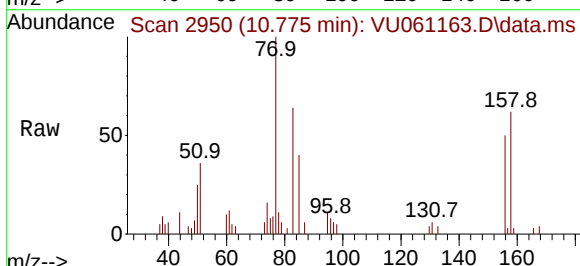
Tgt Ion: 83 Resp: 3826

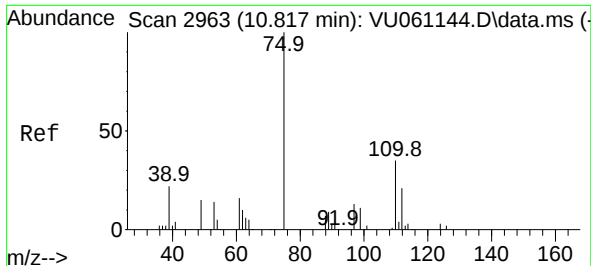
Ion Ratio Lower Upper

83 100

131 6.2 7.8 11.8#

85 62.7 50.8 76.2

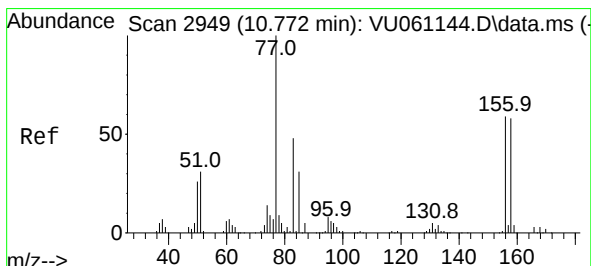
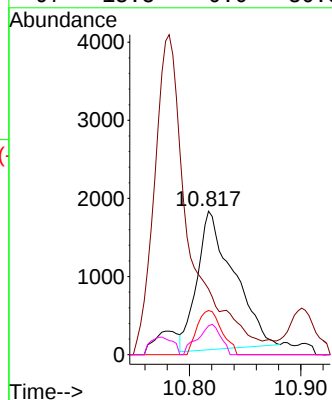
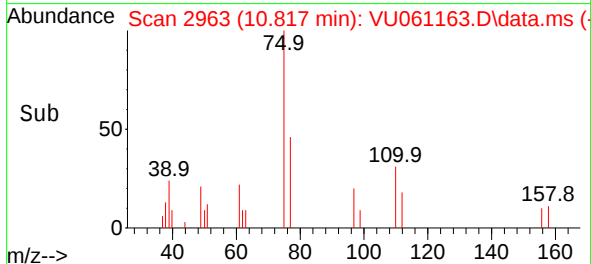
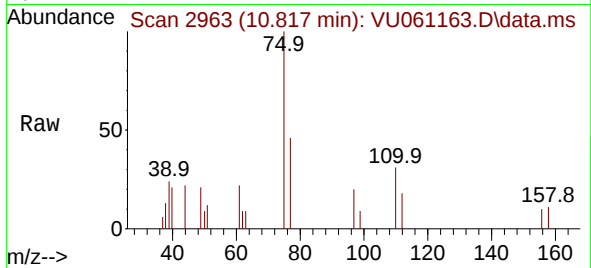




#71
1,2,3-Trichloropropane
Concen: 0.438 ug/l
RT: 10.817 min Scan# 2963
Delta R.T. -0.000 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

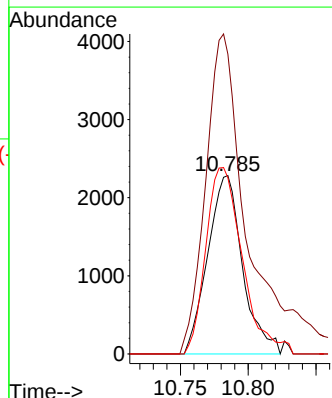
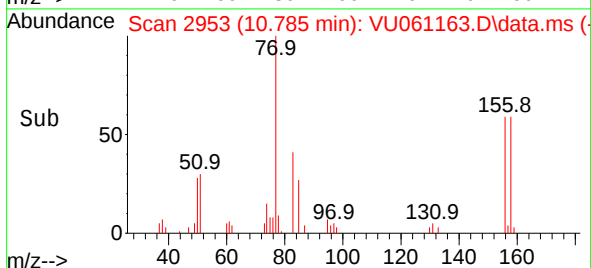
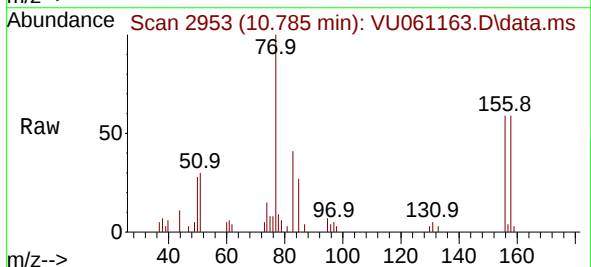
Instrument :
MSVOA_U
ClientSampleId :

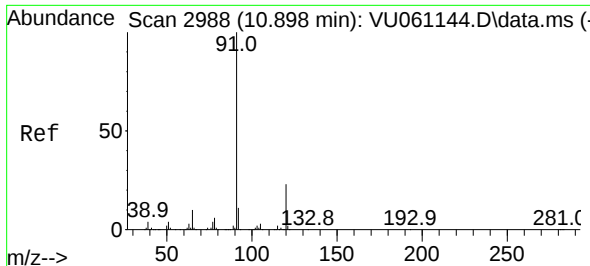
Tgt Ion:	75	Resp:	4026
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0
110	21.6	0.0	68.6
97	13.8	0.0	36.8



#72
Bromobenzene
Concen: 0.297 ug/l
RT: 10.785 min Scan# 2953
Delta R.T. 0.013 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

Tgt Ion:	156	Resp:	4071
Ion Ratio	Lower	Upper	
156	100		
77	220.2	0.0	337.2
158	109.9	0.0	192.8

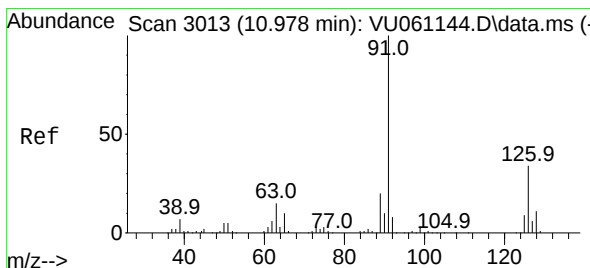
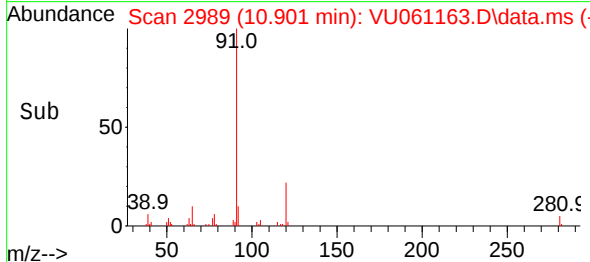
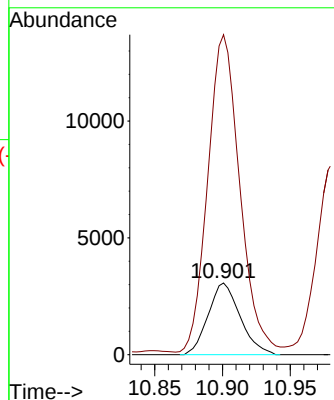
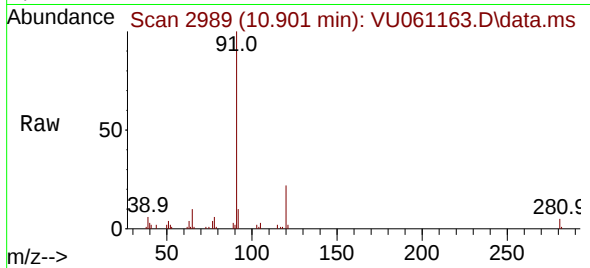




#73
n-propylbenzene
Concen: 0.302 ug/l
RT: 10.901 min Scan# 2989
Delta R.T. 0.003 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

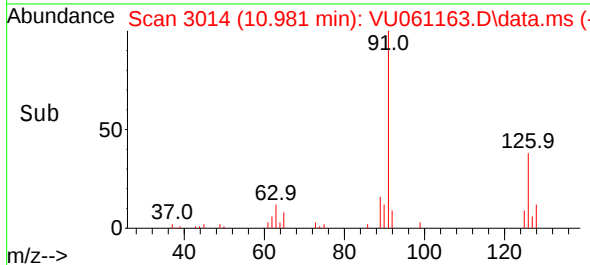
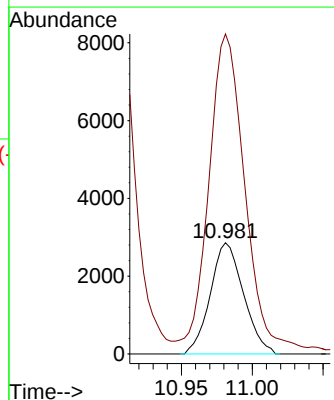
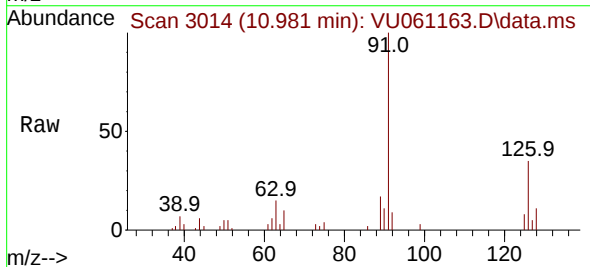
Instrument :
MSVOA_U
ClientSampleId :

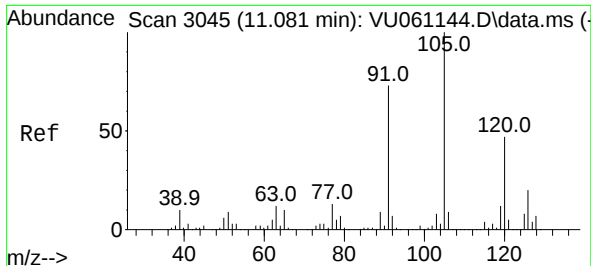
Tgt Ion:120 Resp: 5034
Ion Ratio Lower Upper
120 100
91 441.3 353.6 530.4



#74
2-Chlorotoluene
Concen: 0.324 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.003 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

Tgt Ion:126 Resp: 4657
Ion Ratio Lower Upper
126 100
91 309.4 0.0 595.2





#75

1,3,5-Trimethylbenzene

Concen: 0.299 ug/l

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU061163.D

Acq: 18 Oct 2024 14:13

Instrument :

MSVOA_U

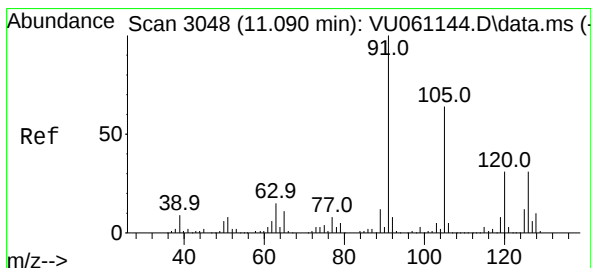
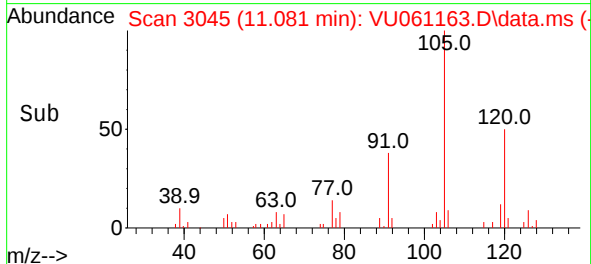
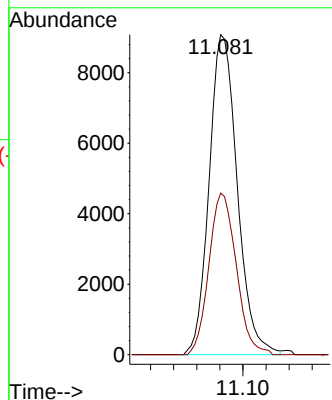
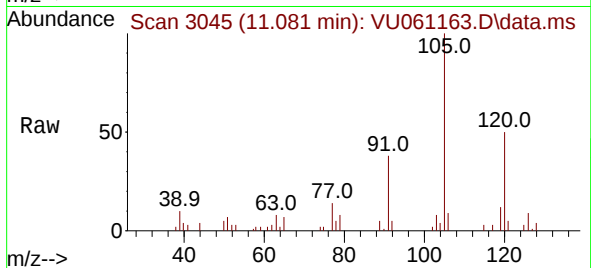
ClientSampleId :

Tgt Ion:105 Resp: 15371

Ion Ratio Lower Upper

105 100

120 49.0 38.0 57.0



#76

4-Chlorotoluene

Concen: 0.317 ug/l

RT: 11.097 min Scan# 3050

Delta R.T. 0.006 min

Lab File: VU061163.D

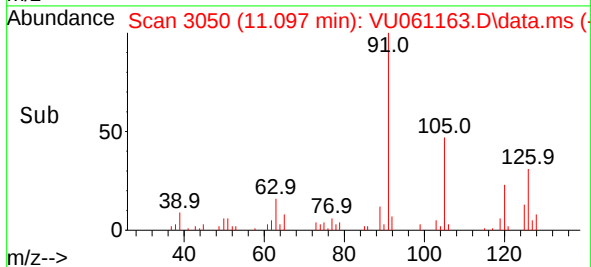
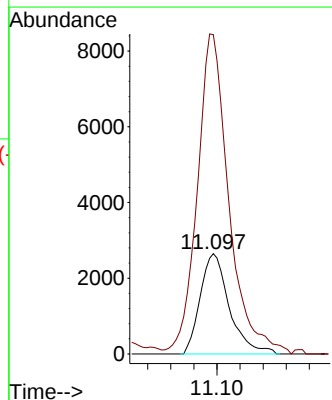
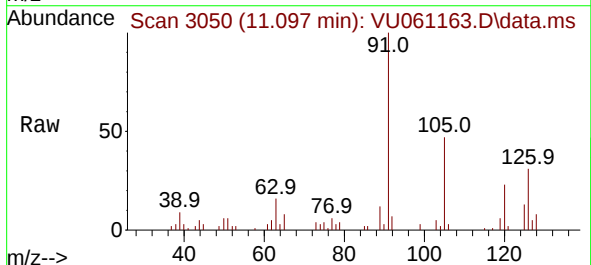
Acq: 18 Oct 2024 14:13

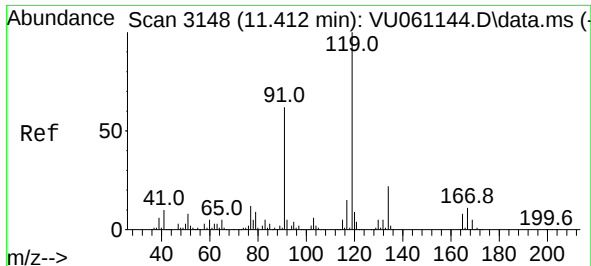
Tgt Ion:126 Resp: 4633

Ion Ratio Lower Upper

126 100

91 346.9 0.0 678.2





#77

tert-Butylbenzene

Concen: 0.304 ug/l

RT: 11.412 min Scan# 3148

Delta R.T. -0.000 min

Lab File: VU061163.D

Acq: 18 Oct 2024 14:13

Instrument :

MSVOA_U

ClientSampleId :

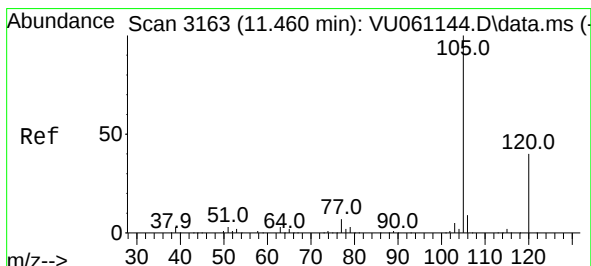
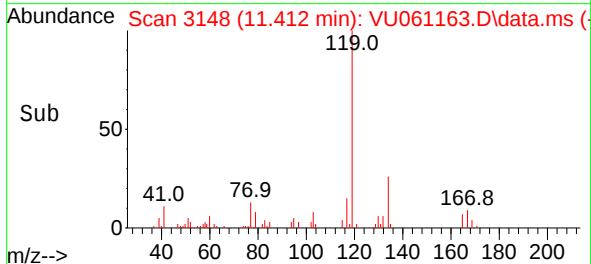
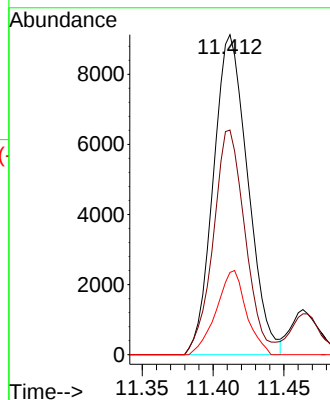
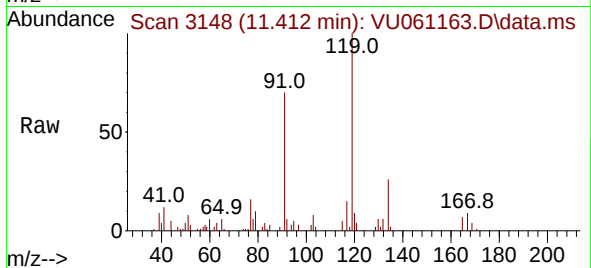
Tgt Ion:119 Resp: 15474

Ion Ratio Lower Upper

119 100

91 65.0 30.1 90.5

134 23.0 17.5 26.3



#78

1,2,4-Trimethylbenzene

Concen: 0.305 ug/l

RT: 11.463 min Scan# 3164

Delta R.T. 0.003 min

Lab File: VU061163.D

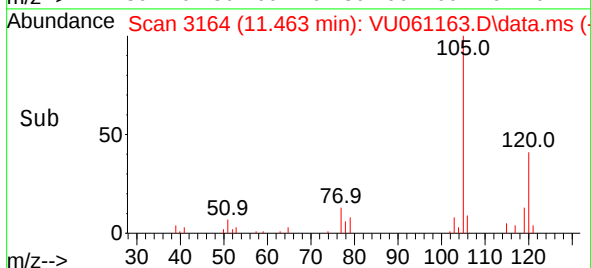
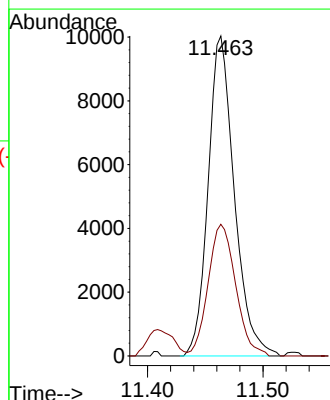
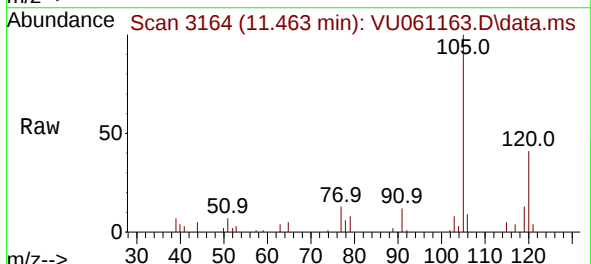
Acq: 18 Oct 2024 14:13

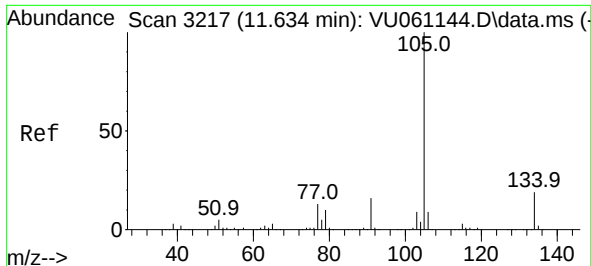
Tgt Ion:105 Resp: 15829

Ion Ratio Lower Upper

105 100

120 43.2 22.3 66.9





#79

sec-Butylbenzene

Concen: 0.317 ug/l

RT: 11.637 min Scan# 3217

Delta R.T. 0.003 min

Lab File: VU061163.D

Acq: 18 Oct 2024 14:13

Instrument :

MSVOA_U

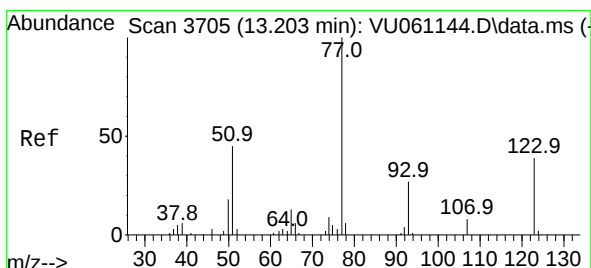
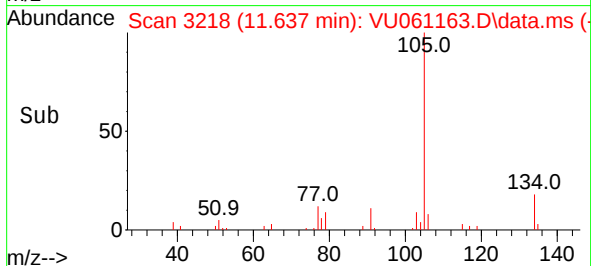
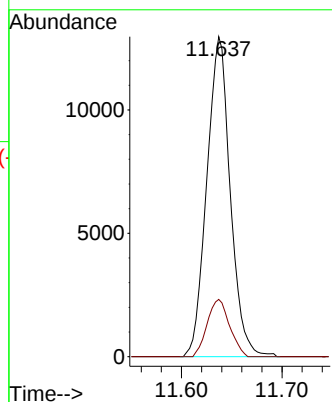
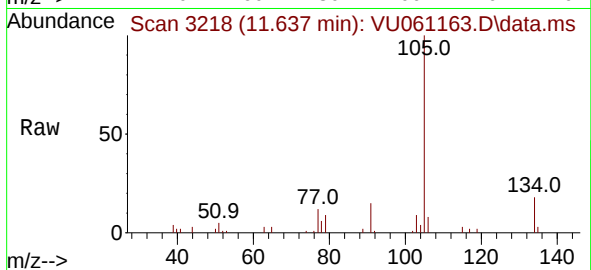
ClientSampleId :

Tgt Ion:105 Resp: 20992

Ion Ratio Lower Upper

105 100

134 17.1 15.5 23.3



#80

Nitrobenzene

Concen: 0.170 ug/l

RT: 13.232 min Scan# 3714

Delta R.T. 0.029 min

Lab File: VU061163.D

Acq: 18 Oct 2024 14:13

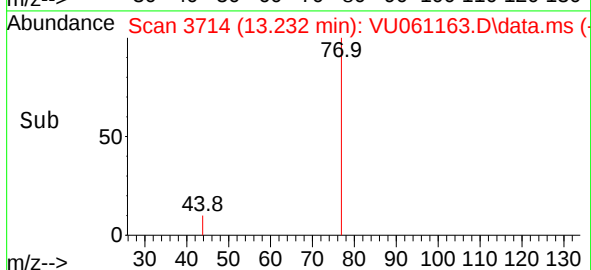
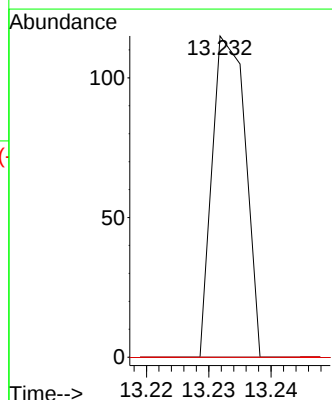
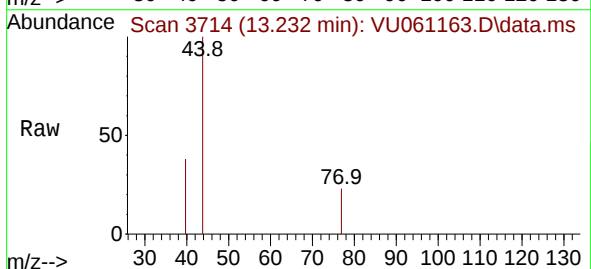
Tgt Ion: 77 Resp: 42

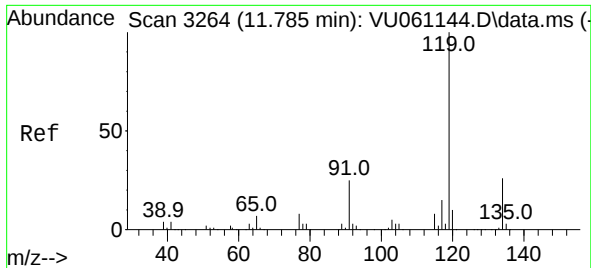
Ion Ratio Lower Upper

77 100

123 0.0 15.6 55.2#

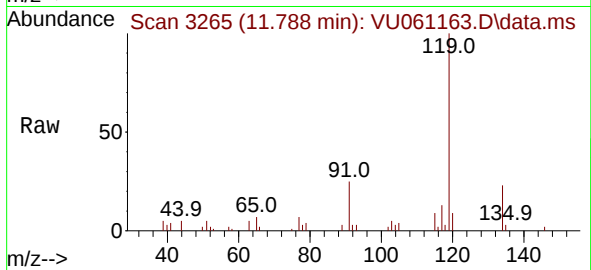
65 0.0 10.7 13.7#



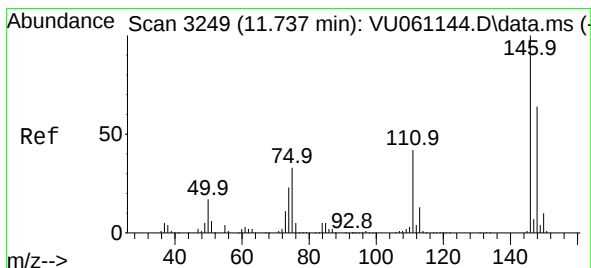
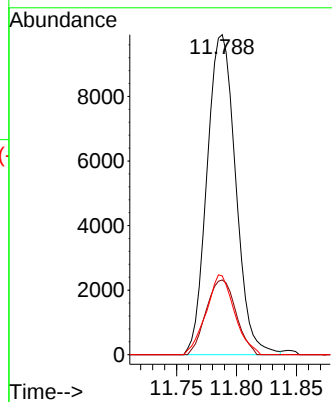
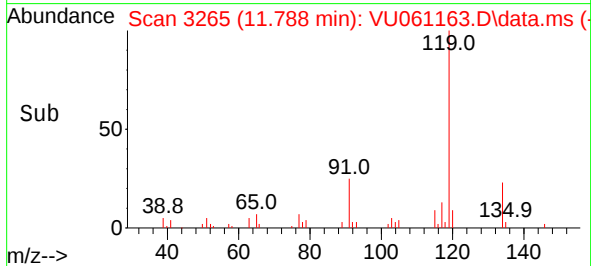


#81
 p-Isopropyltoluene
 Concen: 0.301 ug/l
 RT: 11.788 min Scan# 3265
 Delta R.T. 0.003 min
 Lab File: VU061163.D
 Acq: 18 Oct 2024 14:13

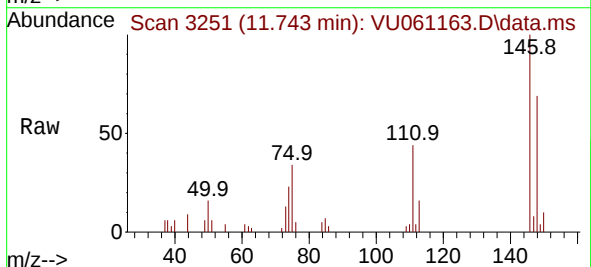
Instrument :
 MSVOA_U
 ClientSampleId :



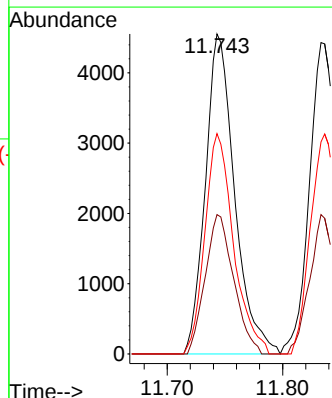
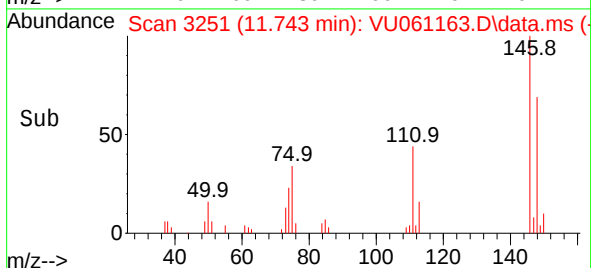
Tgt Ion:119 Resp: 16474
 Ion Ratio Lower Upper
 119 100
 134 24.3 21.0 31.6
 91 24.6 19.8 29.8

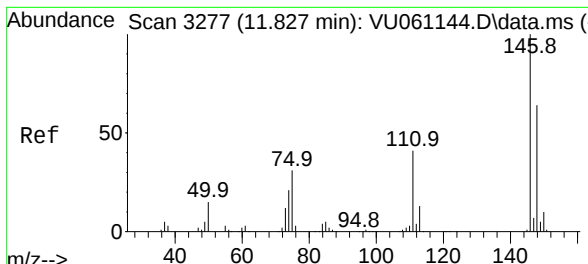


#82
 1,3-Dichlorobenzene
 Concen: 0.304 ug/l
 RT: 11.743 min Scan# 3251
 Delta R.T. 0.006 min
 Lab File: VU061163.D
 Acq: 18 Oct 2024 14:13



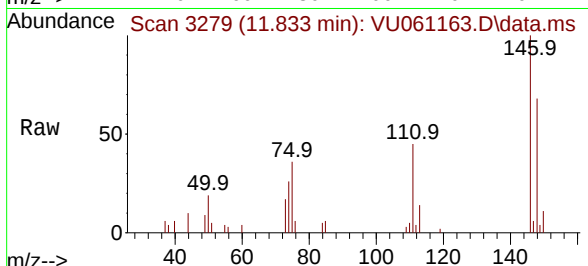
Tgt Ion:146 Resp: 8007
 Ion Ratio Lower Upper
 146 100
 111 42.3 34.1 51.1
 148 67.6 51.2 76.8



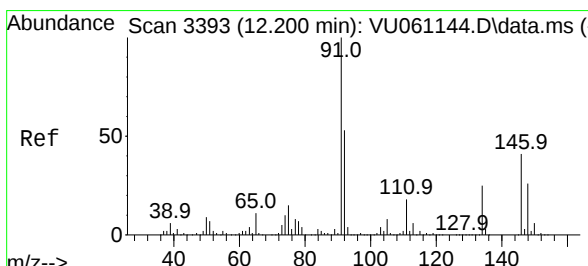
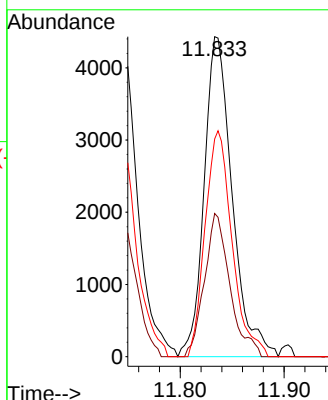
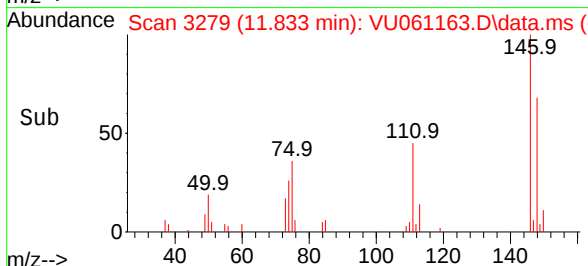


#83
1,4-Dichlorobenzene
Concen: 0.317 ug/l
RT: 11.833 min Scan# 31
Delta R.T. 0.006 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

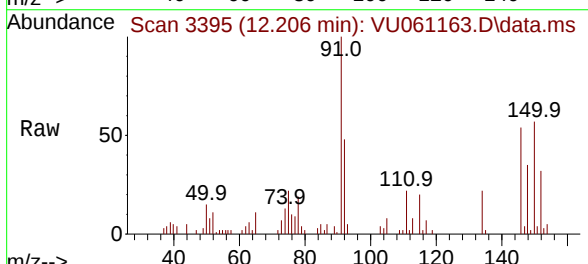
Instrument :
MSVOA_U
ClientSampleId :



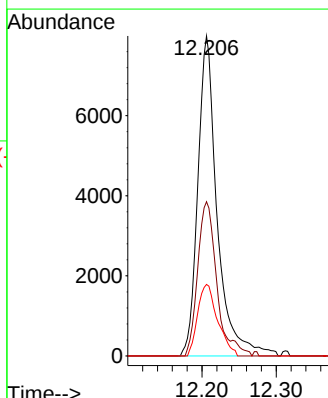
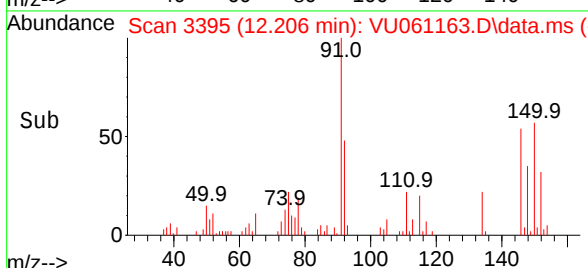
Tgt Ion:146 Resp: 8307
Ion Ratio Lower Upper
146 100
111 40.8 32.1 48.1
148 68.0 50.3 75.5

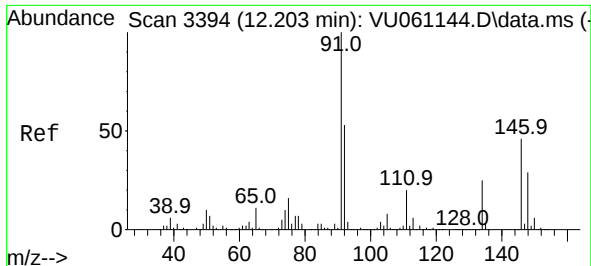


#84
n-Butylbenzene
Concen: 0.285 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. 0.006 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13



Tgt Ion: 91 Resp: 14472
Ion Ratio Lower Upper
91 100
92 47.6 41.8 62.8
134 23.0 19.7 29.5





#85

1,2-Dichlorobenzene

Concen: 0.319 ug/l

RT: 12.206 min Scan# 3394

Delta R.T. 0.003 min

Lab File: VU061163.D

Acq: 18 Oct 2024 14:13

Instrument :

MSVOA_U

ClientSampleId :

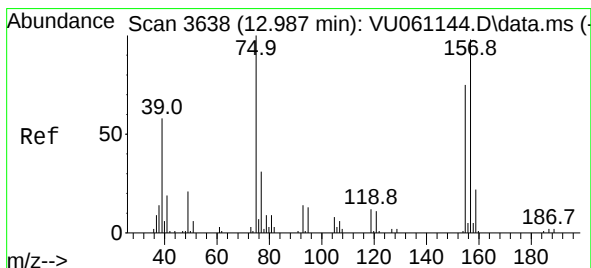
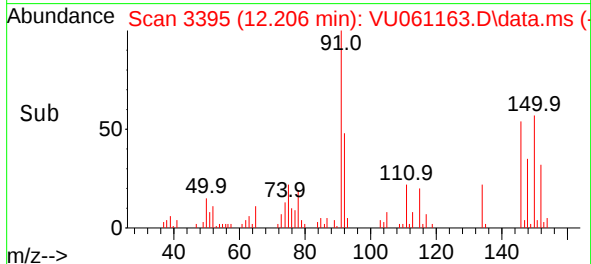
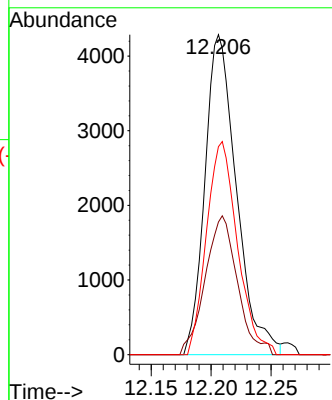
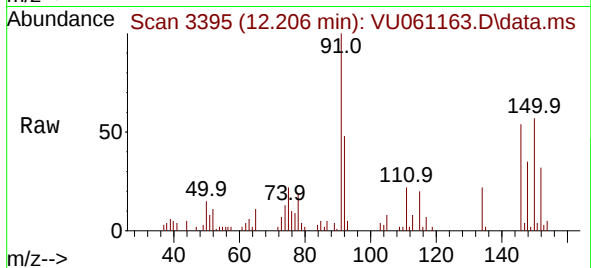
Tgt Ion:146 Resp: 7843

Ion Ratio Lower Upper

146 100

111 44.3 21.9 65.7

148 65.5 31.9 95.5



#86

1,2-Dibromo-3-Chloropropane

Concen: 0.293 ug/l

RT: 13.007 min Scan# 3644

Delta R.T. 0.019 min

Lab File: VU061163.D

Acq: 18 Oct 2024 14:13

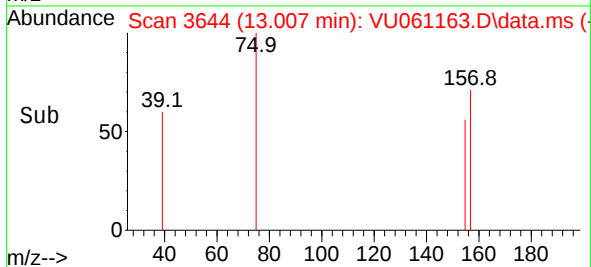
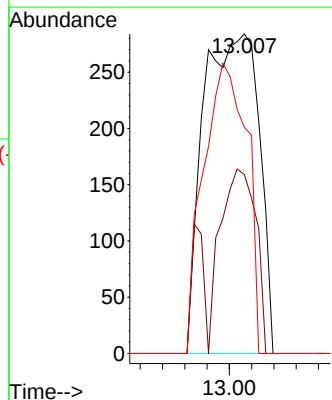
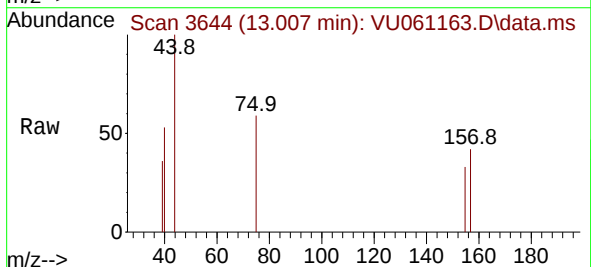
Tgt Ion: 75 Resp: 491

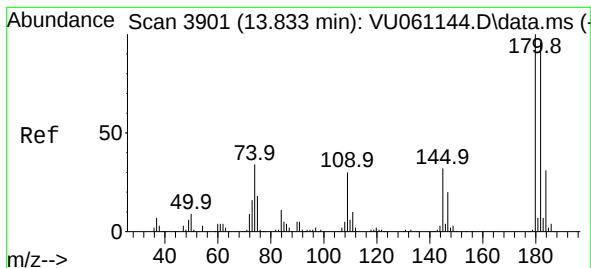
Ion Ratio Lower Upper

75 100

155 37.1 61.4 92.0#

157 71.1 78.5 117.7#





#87

1,2,4-Trichlorobenzene

Concen: 0.297 ug/l

RT: 13.843 min Scan# 3904

Delta R.T. 0.010 min

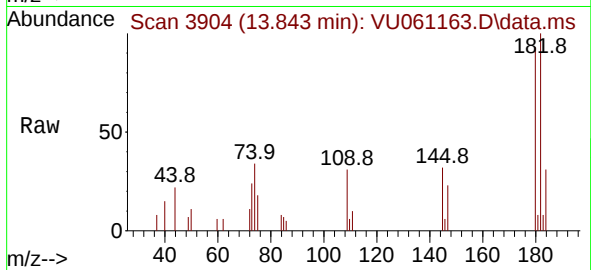
Lab File: VU061163.D

Acq: 18 Oct 2024 14:13

Instrument :

MSVOA_U

ClientSampleId :



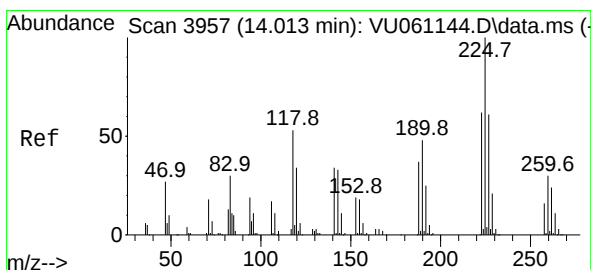
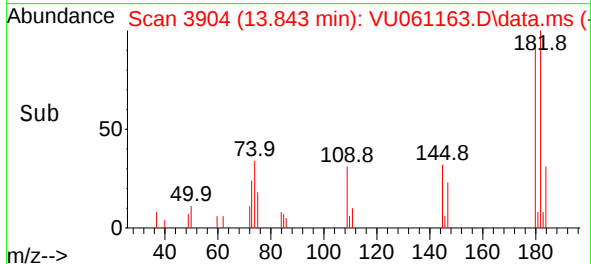
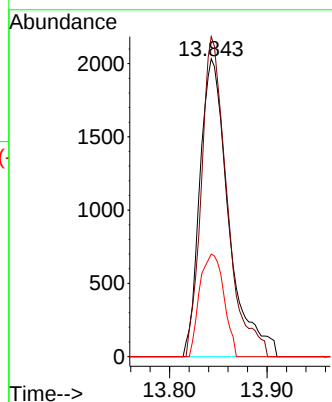
Tgt Ion:180 Resp: 4180

Ion Ratio Lower Upper

180 100

182 95.8 77.0 115.6

145 28.8 25.7 38.5



#88

Hexachlorobutadiene

Concen: 0.291 ug/l

RT: 14.016 min Scan# 3958

Delta R.T. 0.003 min

Lab File: VU061163.D

Acq: 18 Oct 2024 14:13

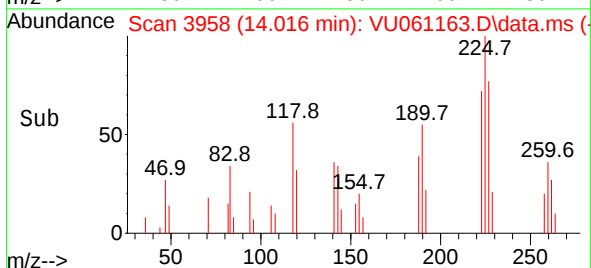
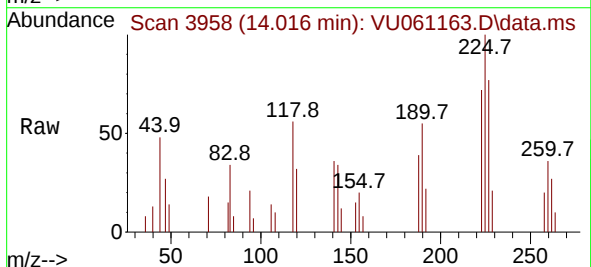
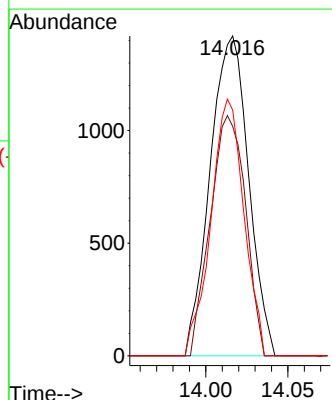
Tgt Ion:225 Resp: 2315

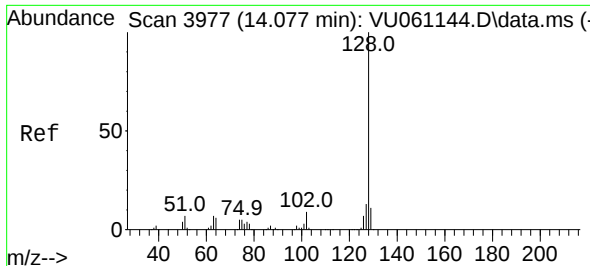
Ion Ratio Lower Upper

225 100

223 68.8 51.4 77.2

227 68.7 50.3 75.5





#89

Naphthalene

Concen: 0.277 ug/l

RT: 14.100 min Scan# 3977

Delta R.T. 0.022 min

Lab File: VU061163.D

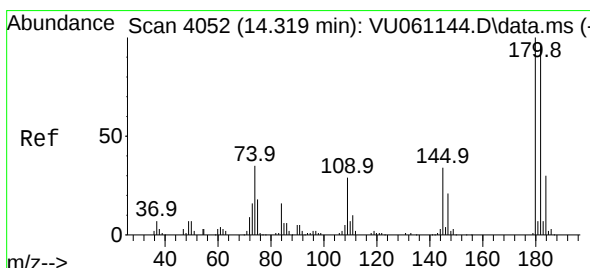
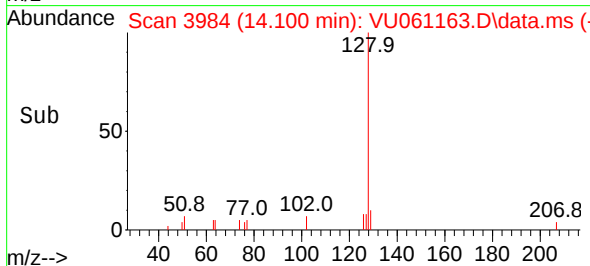
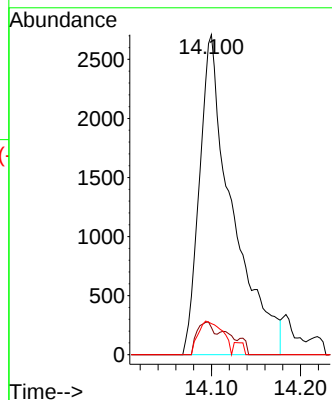
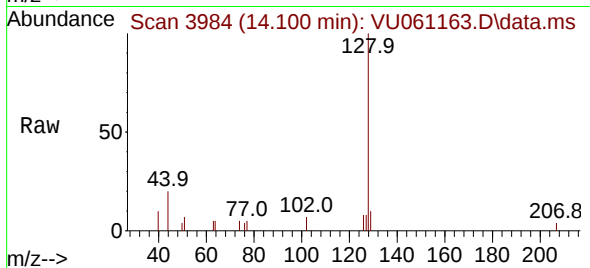
Acq: 18 Oct 2024 14:13

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:128	Resp:	6874
Ion Ratio	Lower	Upper
128	100	
127	5.6	10.6 16.0#
129	7.7	8.7 13.1#



#90

1,2,3-Trichlorobenzene

Concen: 0.298 ug/l

RT: 14.328 min Scan# 4055

Delta R.T. 0.010 min

Lab File: VU061163.D

Acq: 18 Oct 2024 14:13

Tgt Ion:180	Resp:	3767
Ion Ratio	Lower	Upper
180	100	
182	96.2	76.2 114.4
145	29.3	26.8 40.2

