

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101724\
 Data File : VU061140.D
 Acq On : 17 Oct 2024 11:24
 Operator : MD/SY
 Sample : VSTDIC0.5
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 18 02:33:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101724DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Oct 18 02:32:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.113	96	28264	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	14166	0.943	ug/l	0.00
Spiked Amount 1.000			Recovery	=	94.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	13646	0.922	ug/l	0.00
Spiked Amount 1.000			Recovery	=	92.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	7308	0.469	ug/l	99
3) Chloromethane	1.518	50	7296	0.493	ug/l	99
4) Vinyl Chloride	1.602	62	7163	0.471	ug/l	95
5) Bromomethane	1.856	94	4958	0.519	ug/l	93
6) Chloroethane	1.930	64	5264	0.516	ug/l	96
7) Trichlorofluoromethane	2.132	101	9478	0.438	ug/l	96
8) 1,1,2-Trichloro-1,2,2-...	2.573	101	5027	0.467	ug/l	99
9) 1,1-Dichloroethene	2.576	96	5154	0.460	ug/l	95
10) Iodomethane	2.714	142	5150	1.078	ug/l	93
11) Allyl Chloride	2.917	41	6989	0.484	ug/l	99
12) Acrylonitrile	3.348	53	1961	0.869	ug/l #	88
13) Acetone	2.640	43	6825	2.320	ug/l	90
14) Carbon Disulfide	2.788	76	18721	0.485	ug/l	98
15) Methylene Chloride	3.039	84	8610	0.593	ug/l	97
16) trans-1,2-Dichloroethene	3.351	96	6262	0.476	ug/l	94
17) 1,1-Dichloroethane	3.865	63	10552	0.453	ug/l	97
18) 2-Butanone	4.740	43	5455	1.558	ug/l	97
19) Cyclohexane	5.380	56	8854	0.424	ug/l #	85
20) Methylcyclohexane	6.756	83	10139	0.435	ug/l	91
21) 2,2-Dichloropropane	4.656	77	10922	0.508	ug/l	94
22) cis-1,2-Dichloroethene	4.666	96	6557	0.458	ug/l	96
23) Diethyl Ether	2.373	59	4302	0.494	ug/l	96
24) tert-Butyl Alcohol	3.177	59	5565	6.134	ug/l #	1
25) Methyl tert-Butyl Ether	3.357	73	14567	0.485	ug/l	97
26) Bromochloromethane	4.971	128	2872	0.479	ug/l	93
27) Chloroform	5.084	83	11519	0.471	ug/l	98
28) 1,1,1-Trichloroethane	5.306	97	9795	0.454	ug/l	99
29) 1,1-Dichloropropene	5.524	75	8635	0.453	ug/l	99
30) Carbon Tetrachloride	5.515	117	8764	0.469	ug/l	98
31) Isopropyl Ether	3.988	45	15512	0.466	ug/l	99
32) Ethyl-t-butyl ether	4.492	59	16357	0.478	ug/l	93
33) Tert-Amyl methyl ether	5.933	73	13785	0.448	ug/l	97
34) Propionitrile	4.824	54	798	0.921	ug/l #	67
35) Benzene	5.772	78	24719	0.461	ug/l	97
36) 1,2-Dichloroethane	5.791	62	6873	0.454	ug/l	98
37) Trichloroethene	6.541	130	6643	0.464	ug/l	99
38) 1,2-Dichloropropane	6.788	63	6350	0.467	ug/l	93
39) Methacrylonitrile	4.994	41	649	0.210	ug/l #	47
40) Methyl acrylate	4.894	55	811	0.130	ug/l #	70
41) Tetrahydrofuran	5.078	42	1829	0.995	ug/l #	67
42) 1-Chlorobutane	5.457	56	10924	0.447	ug/l	92
43) Dibromomethane	6.914	93	3215	0.456	ug/l	93
44) Bromodichloromethane	7.100	83	7896	0.461	ug/l	96

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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Oct 18 02:32:42 2024
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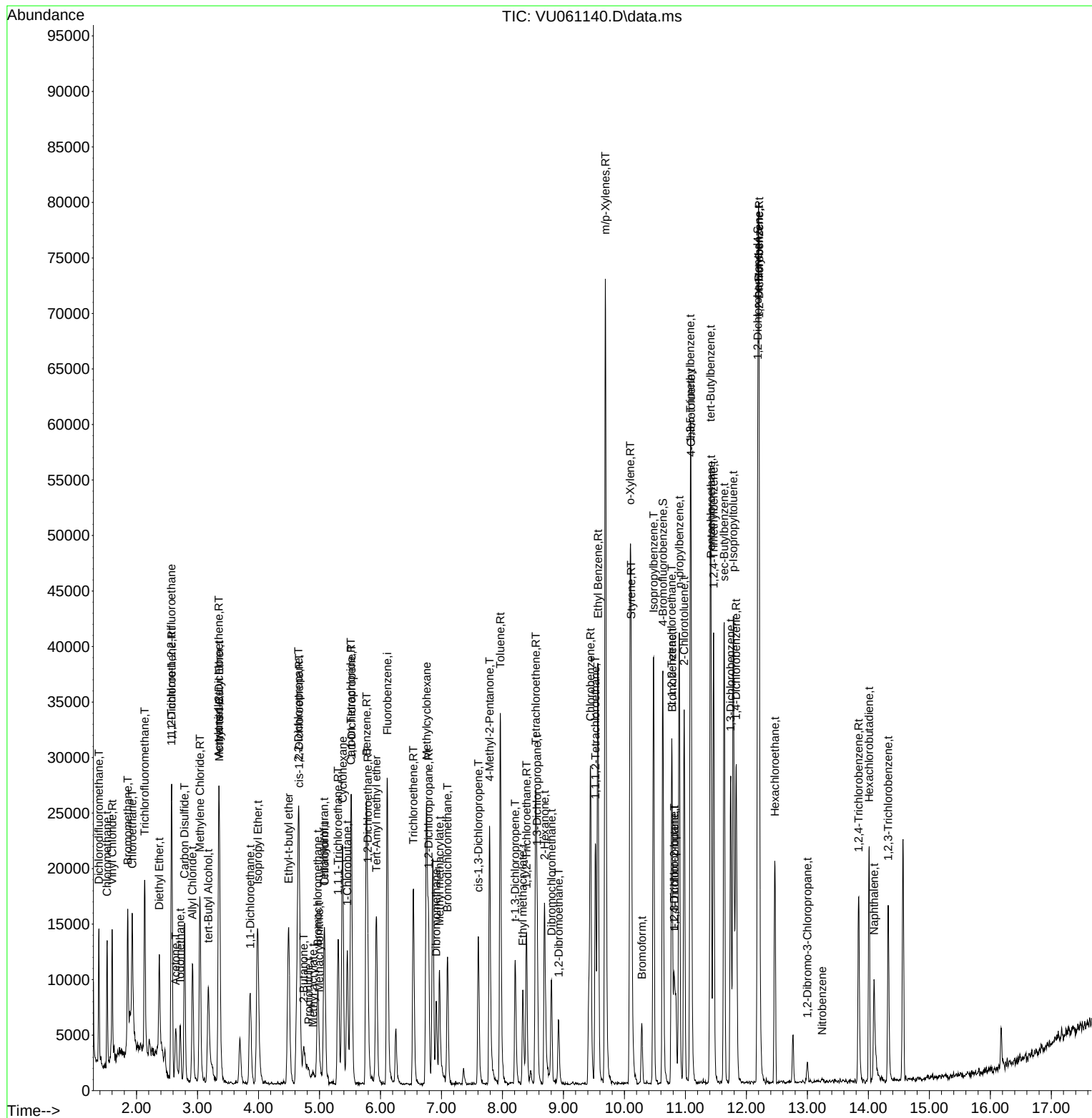
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.788	43	16715	2.363	ug/l	98
46) t-1,4-Dichloro-2-butene	10.817	75	6776	2.315	ug/l #	43
47) Methyl methacrylate	6.968	69	5892	0.962	ug/l	88
48) Ethyl methacrylate	8.335	69	5610	0.430	ug/l	89
49) Toluene	7.965	92	15412	0.455	ug/l	98
50) t-1,3-Dichloropropene	8.206	75	7839	0.475	ug/l	96
51) cis-1,3-Dichloropropene	7.605	75	9120	0.450	ug/l	99
52) 1,1,2-Trichloroethane	8.396	97	4340	0.457	ug/l	95
53) 1,3-Dichloropropane	8.569	76	7722	0.463	ug/l	99
54) 2-Hexanone	8.692	43	13710	2.360	ug/l	94
55) Dibromochloromethane	8.804	129	4975	0.443	ug/l	98
56) 1,2-Dibromoethane	8.923	107	3953	0.434	ug/l	90
58) Tetrachloroethene	8.547	164	5498	0.453	ug/l	94
59) Chlorobenzene	9.444	112	17219	0.472	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.524	131	5449	0.442	ug/l	91
61) Pentachloroethane	11.421	117	3899	0.414	ug/l	98
62) Hexachloroethane	12.466	117	4012	0.413	ug/l	99
63) Ethyl Benzene	9.566	91	30250	0.462	ug/l	99
64) m/p-Xylenes	9.688	106	22661	0.910	ug/l	97
65) o-Xylene	10.097	106	11159	0.455	ug/l	94
66) Styrene	10.113	104	15962	0.419	ug/l	97
67) Bromoform	10.286	173	2523	0.429	ug/l #	97
69) Isopropylbenzene	10.479	105	26955	0.462	ug/l	97
70) 1,1,2,2-Tetrachloroethane	10.775	83	5423	0.470	ug/l	98
71) 1,2,3-Trichloropropane	10.817	75	6776	0.715	ug/l #	80
72) Bromobenzene	10.782	156	6561	0.468	ug/l	85
73) n-propylbenzene	10.900	120	7558	0.444	ug/l	96
74) 2-Chlorotoluene	10.981	126	6665	0.453	ug/l	99
75) 1,3,5-Trimethylbenzene	11.081	105	23227	0.442	ug/l	100
76) 4-Chlorotoluene	11.093	126	6847	0.458	ug/l	93
77) tert-Butylbenzene	11.412	119	23019	0.443	ug/l	99
78) 1,2,4-Trimethylbenzene	11.463	105	24029	0.453	ug/l	97
79) sec-Butylbenzene	11.634	105	29744	0.439	ug/l	98
80) Nitrobenzene	13.244	77	245	4.659	ug/l #	47
81) p-Isopropyltoluene	11.785	119	24474	0.437	ug/l	97
82) 1,3-Dichlorobenzene	11.743	146	12130	0.451	ug/l	97
83) 1,4-Dichlorobenzene	11.833	146	11913	0.444	ug/l	97
84) n-Butylbenzene	12.203	91	22595	0.435	ug/l	96
85) 1,2-Dichlorobenzene	12.209	146	11466	0.456	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	13.000	75	656	0.383	ug/l	82
87) 1,2,4-Trichlorobenzene	13.842	180	5849	0.407	ug/l	96
88) Hexachlorobutadiene	14.013	225	3507	0.431	ug/l	96
89) Naphthalene	14.093	128	11394	0.449	ug/l #	94
90) 1,2,3-Trichlorobenzene	14.325	180	5393	0.417	ug/l	95

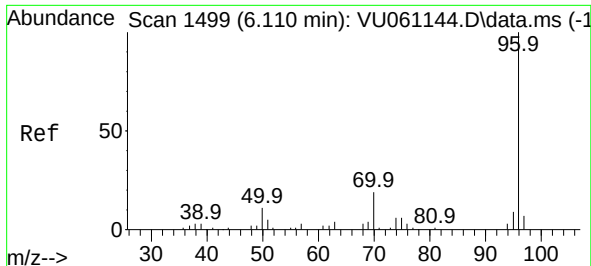
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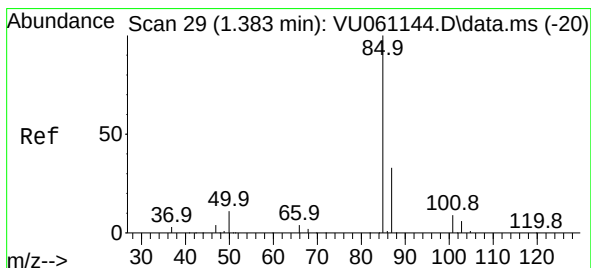
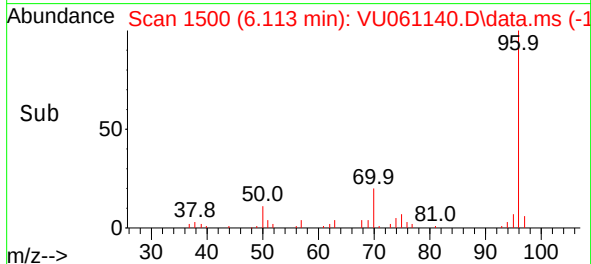
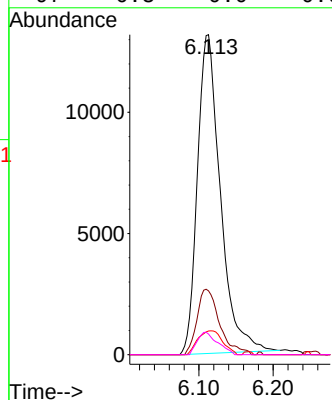
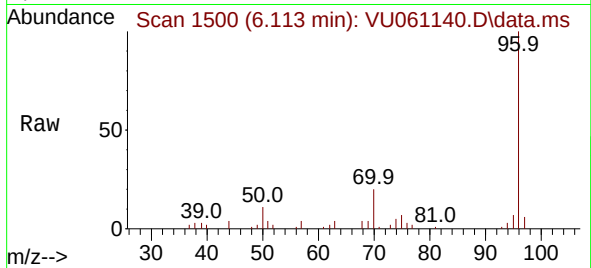




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.113 min Scan# 1499
Delta R.T. 0.003 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

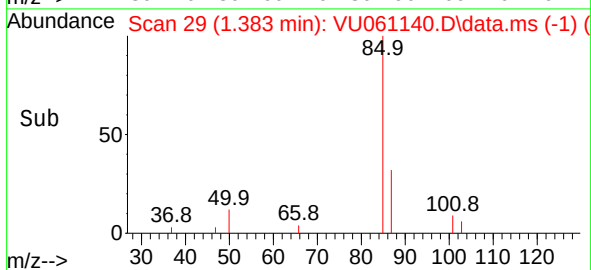
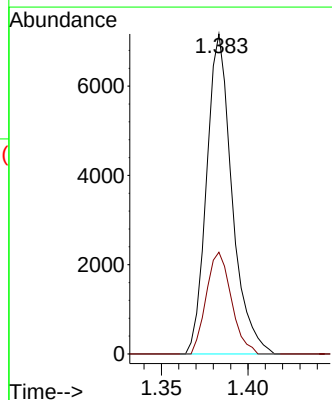
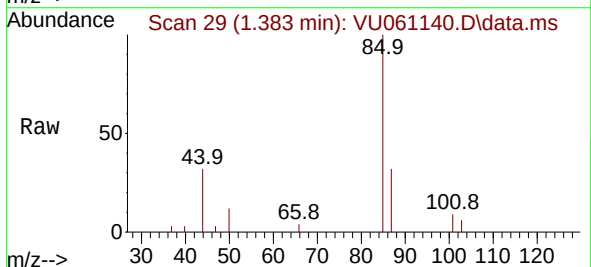
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MSVOA_U
ClientSampleId :

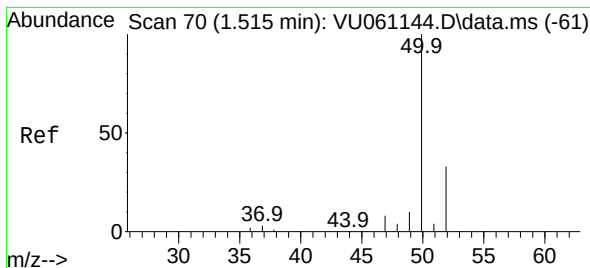
Tgt Ion: 96	Resp: 28264
Ion Ratio	Lower Upper
96 100	
70 20.2	16.1 24.1
95 8.1	0.0 0.0#
97 6.3	0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 0.469 ug/l
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

Tgt Ion: 85	Resp: 7308
Ion Ratio	Lower Upper
85 100	
87 31.8	16.3 48.9





#3

Chloromethane

Concen: 0.493 ug/l

RT: 1.518 min Scan# 71

Delta R.T. 0.003 min

Lab File: VU061140.D

Acq: 17 Oct 2024 11:24

Instrument :

MSVOA_U

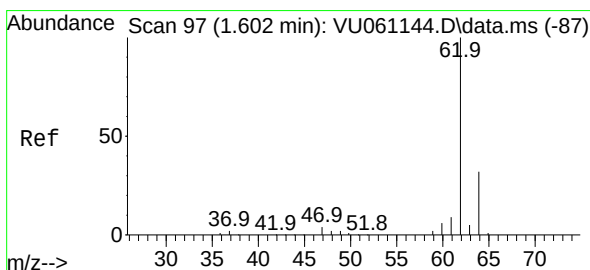
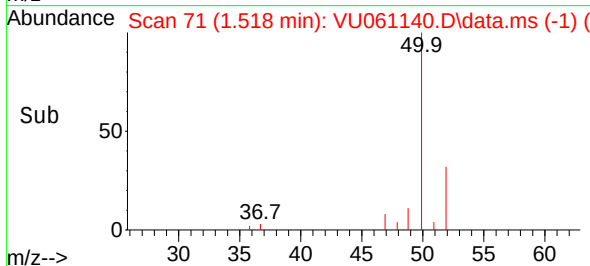
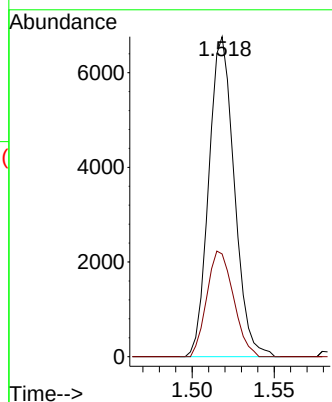
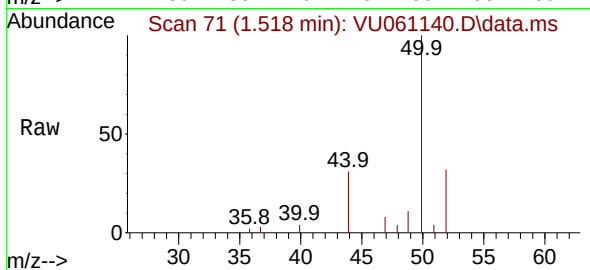
ClientSampleId :

Tgt Ion: 50 Resp: 7296

Ion Ratio Lower Upper

50 100

52 32.1 26.2 39.2



#4

Vinyl Chloride

Concen: 0.471 ug/l

RT: 1.602 min Scan# 97

Delta R.T. -0.000 min

Lab File: VU061140.D

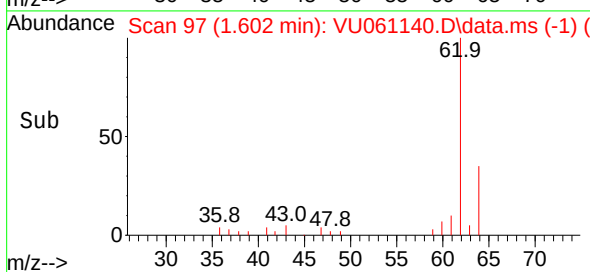
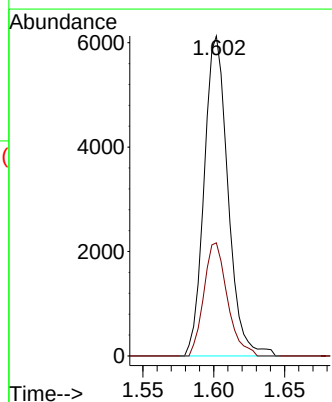
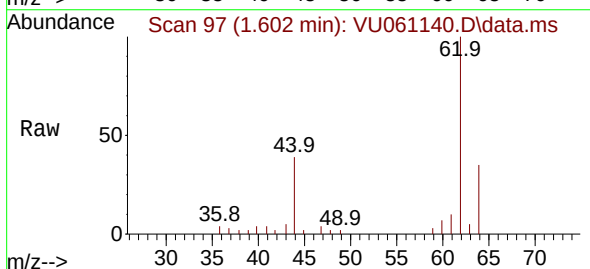
Acq: 17 Oct 2024 11:24

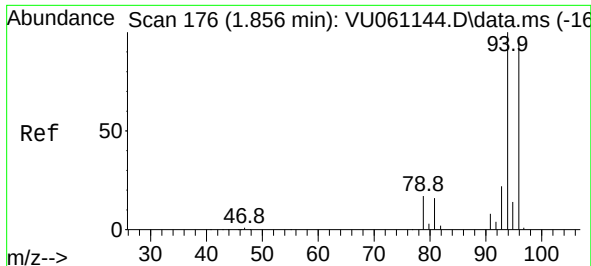
Tgt Ion: 62 Resp: 7163

Ion Ratio Lower Upper

62 100

64 35.3 25.9 38.9

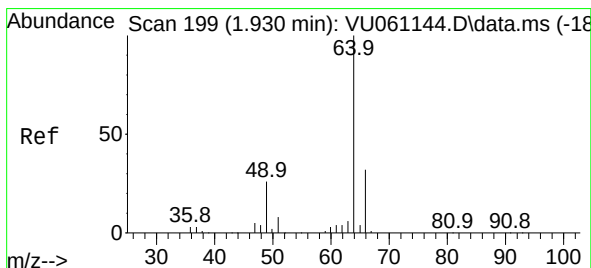
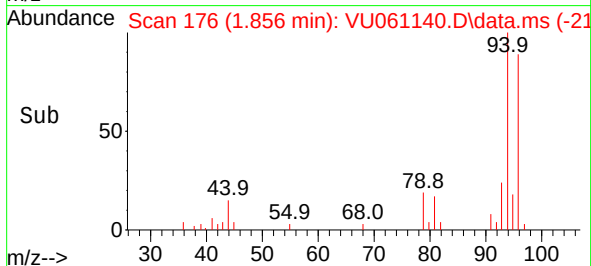
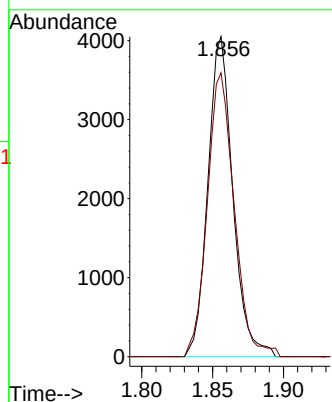
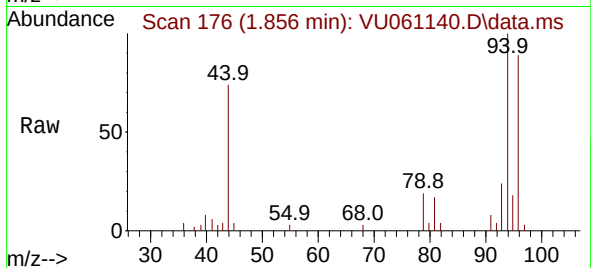




#5
Bromomethane
Concen: 0.519 ug/l
RT: 1.856 min Scan# 176
Delta R.T. -0.000 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

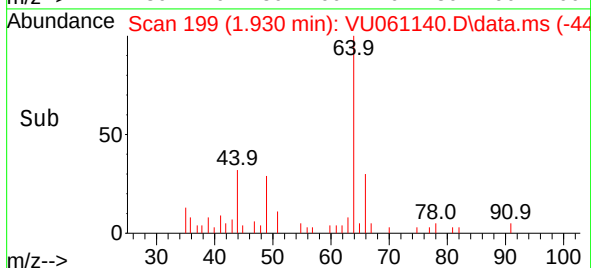
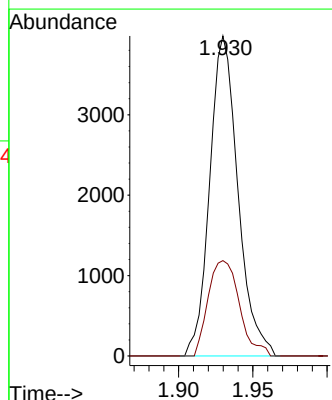
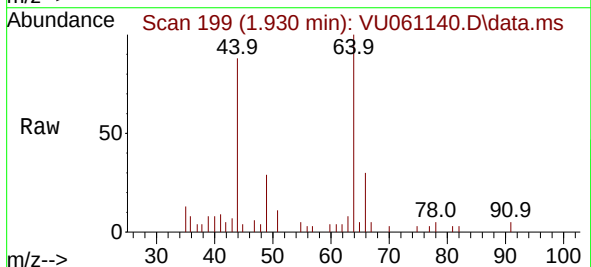
Instrument :
MSVOA_U
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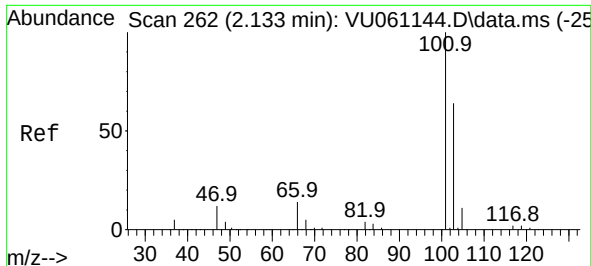
Tgt Ion: 94 Resp: 4958
Ion Ratio Lower Upper
94 100
96 88.7 76.5 114.7



#6
Chloroethane
Concen: 0.516 ug/l
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

Tgt Ion: 64 Resp: 5264
Ion Ratio Lower Upper
64 100
66 29.8 25.8 38.8

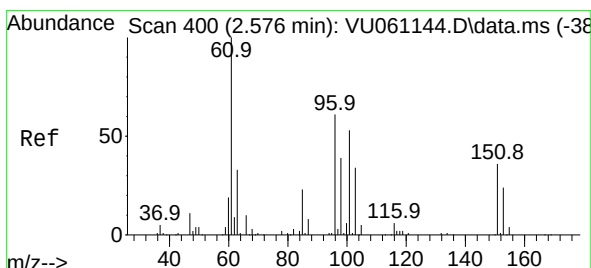
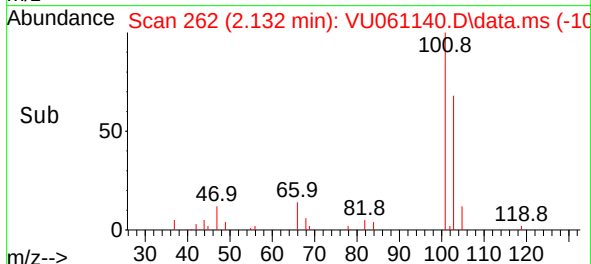
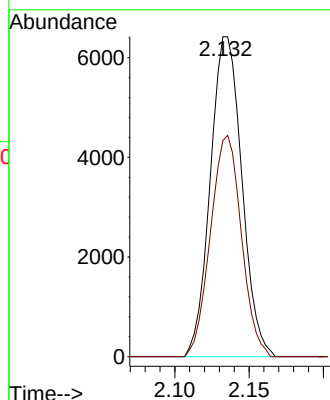
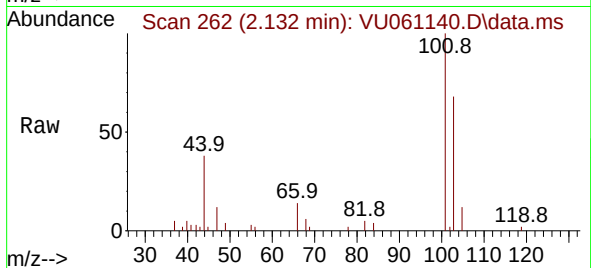




#7
 Trichlorofluoromethane
 Concen: 0.438 ug/l
 RT: 2.132 min Scan# 210
 Delta R.T. -0.000 min
 Lab File: VU061140.D
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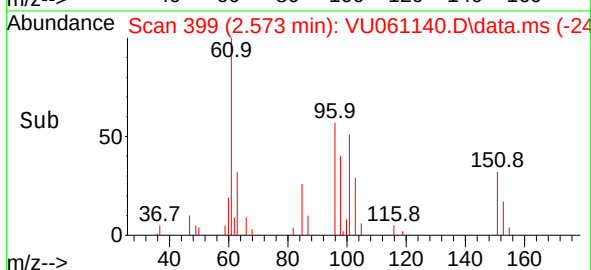
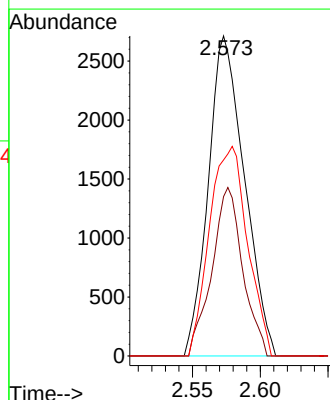
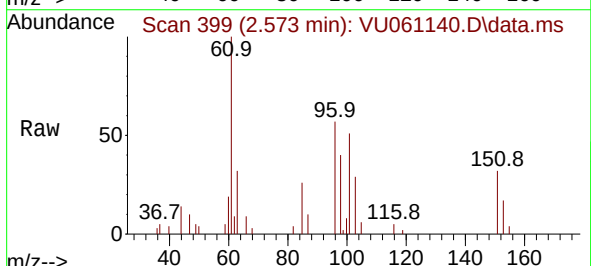
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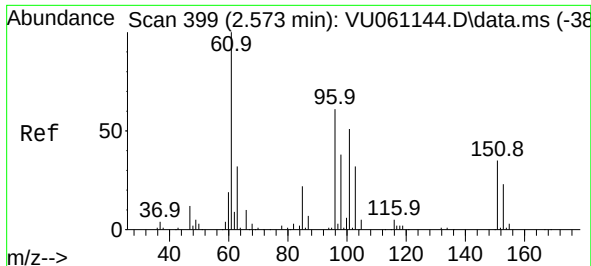
Tgt Ion:101 Resp: 9478
 Ion Ratio Lower Upper
 101 100
 103 67.6 51.5 77.3



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.467 ug/l
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU061140.D
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Tgt Ion:101 Resp: 5027
 Ion Ratio Lower Upper
 101 100
 85 45.0 35.8 53.8
 151 69.1 56.2 84.4

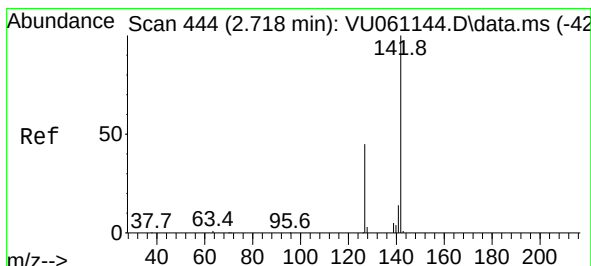
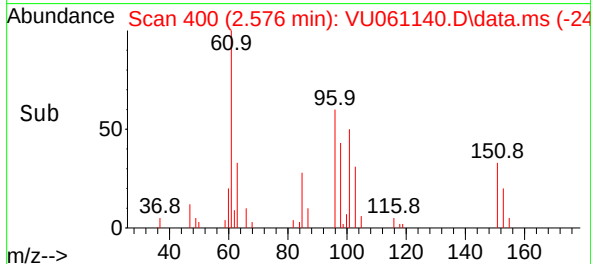
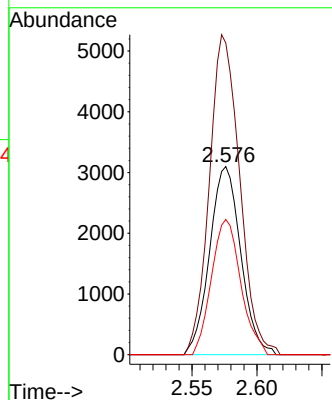
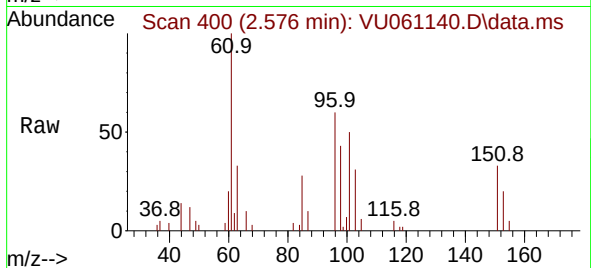




#9
1,1-Dichloroethene
Concen: 0.460 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
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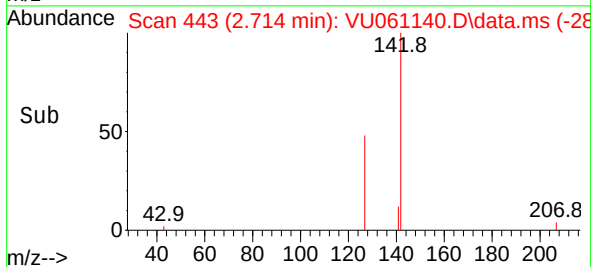
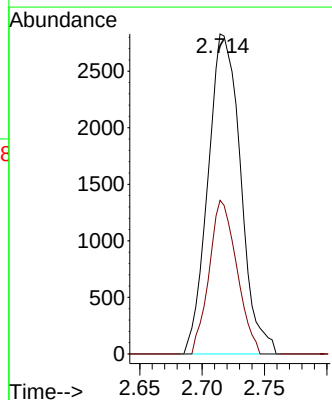
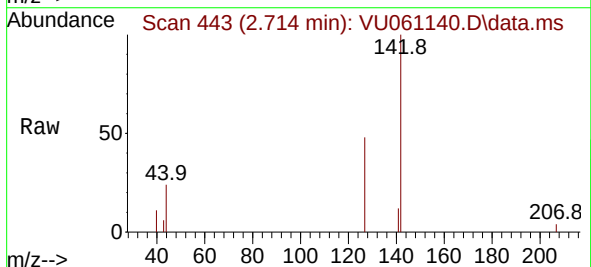
Instrument :
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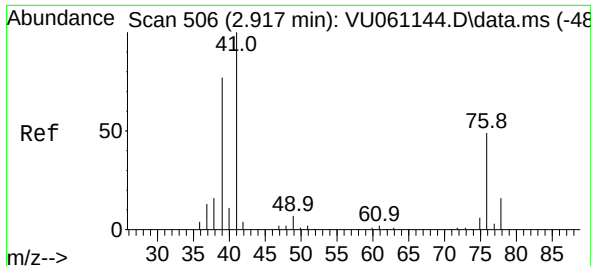
Tgt Ion: 96 Resp: 5154
Ion Ratio Lower Upper
96 100
61 165.7 0.0 494.4
98 75.5 0.0 124.4



#10
Iodomethane
Concen: 1.078 ug/l
RT: 2.714 min Scan# 443
Delta R.T. -0.003 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

Tgt Ion:142 Resp: 5150
Ion Ratio Lower Upper
142 100
127 40.7 36.2 54.4





#11

Allyl Chloride

Concen: 0.484 ug/l

RT: 2.917 min Scan# 506

Delta R.T. -0.000 min

Lab File: VU061140.D

Acq: 17 Oct 2024 11:24

Instrument :

MSVOA_U

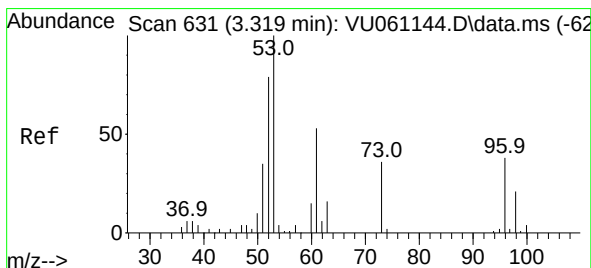
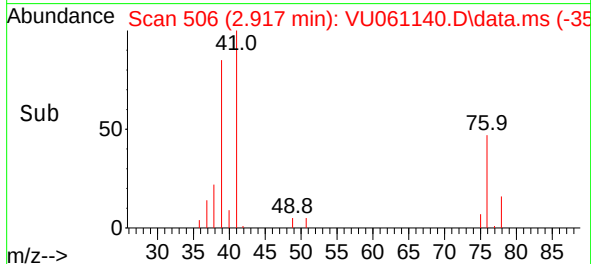
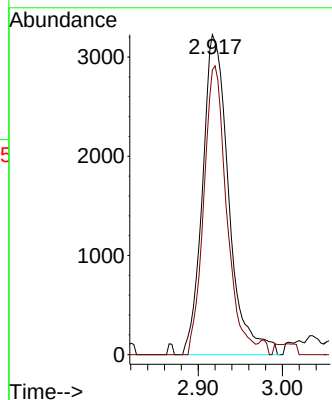
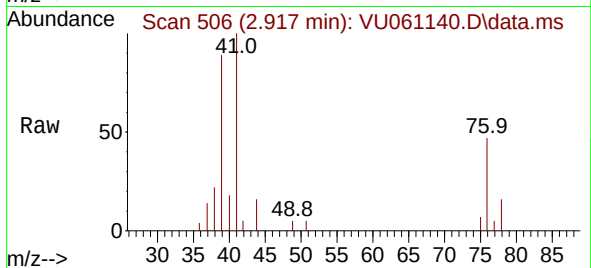
ClientSampleId :

Tgt Ion: 41 Resp: 6989

Ion Ratio Lower Upper

41 100

39 78.5 62.4 93.6



#12

Acrylonitrile

Concen: 0.869 ug/l

RT: 3.348 min Scan# 640

Delta R.T. 0.029 min

Lab File: VU061140.D

Acq: 17 Oct 2024 11:24

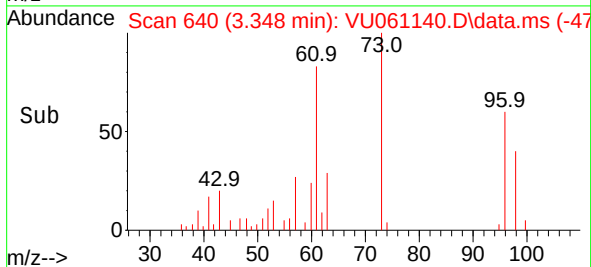
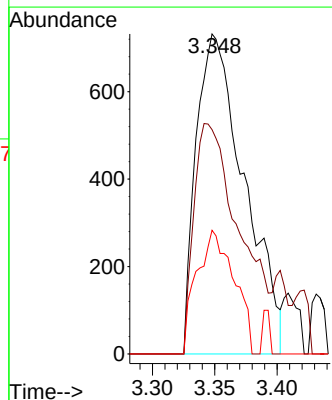
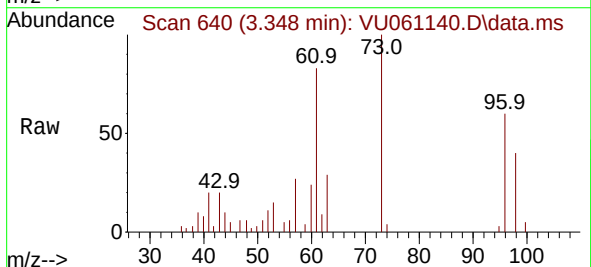
Tgt Ion: 53 Resp: 1961

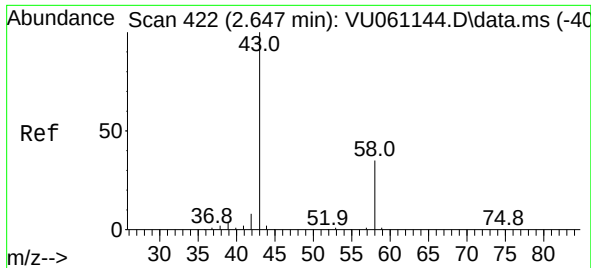
Ion Ratio Lower Upper

53 100

52 68.3 62.6 94.0

51 30.1 30.7 46.1#





#13

Acetone

Concen: 2.320 ug/l

RT: 2.640 min Scan# 41

Delta R.T. -0.007 min

Lab File: VU061140.D

Acq: 17 Oct 2024 11:24

Instrument :

MSVOA_U

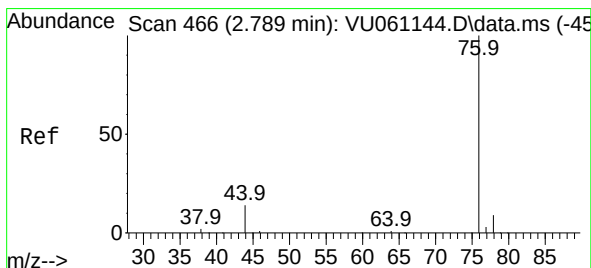
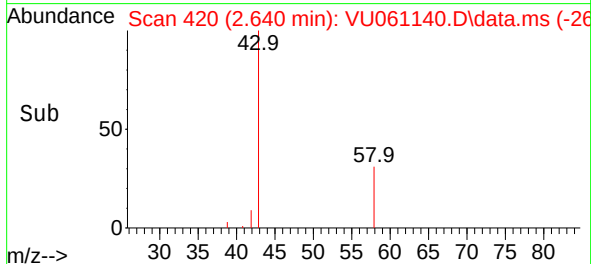
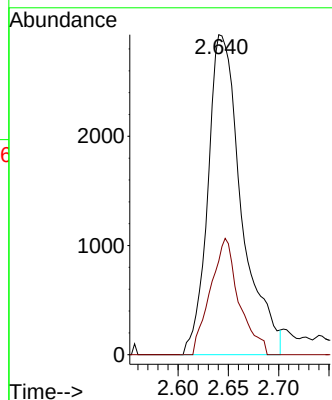
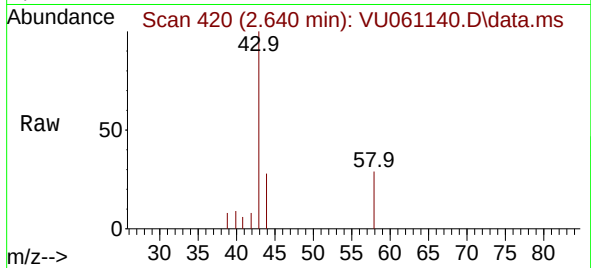
ClientSampleId :

Tgt Ion: 43 Resp: 6825

Ion Ratio Lower Upper

43 100

58 29.2 27.9 41.9



#14

Carbon Disulfide

Concen: 0.485 ug/l

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU061140.D

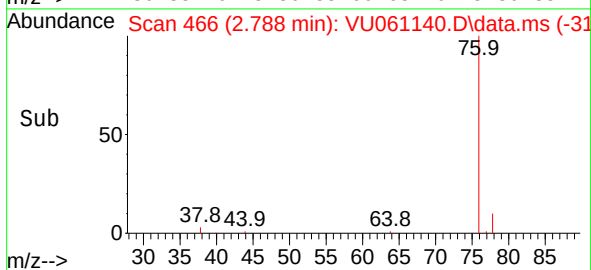
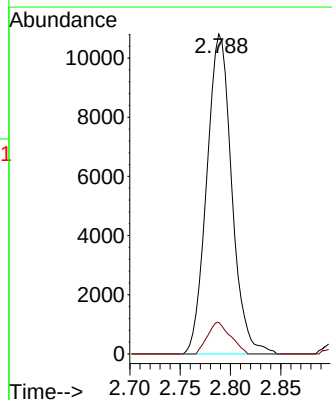
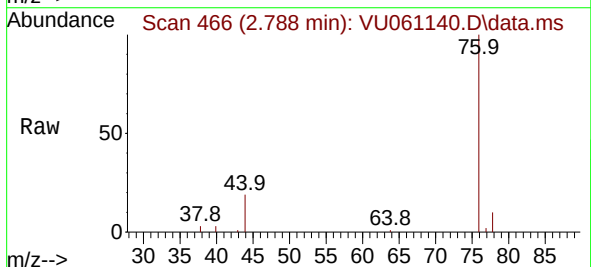
Acq: 17 Oct 2024 11:24

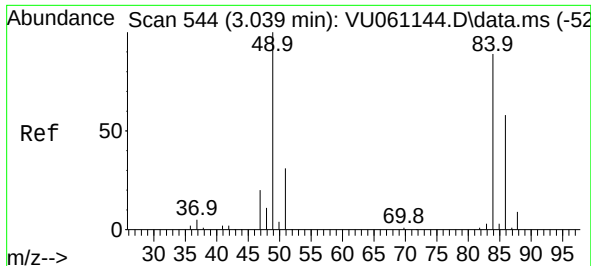
Tgt Ion: 76 Resp: 18721

Ion Ratio Lower Upper

76 100

78 9.9 7.4 11.0





#15

Methylene Chloride

Concen: 0.593 ug/l

RT: 3.039 min Scan# 544

Delta R.T. -0.000 min

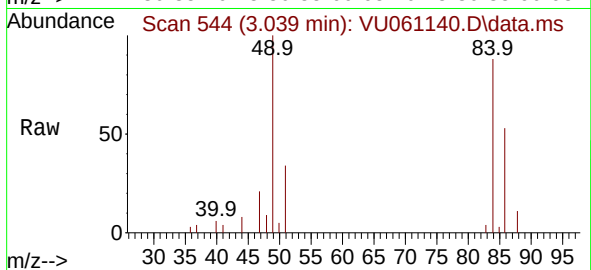
Lab File: VU061140.D

Acq: 17 Oct 2024 11:24

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 84 Resp: 8610

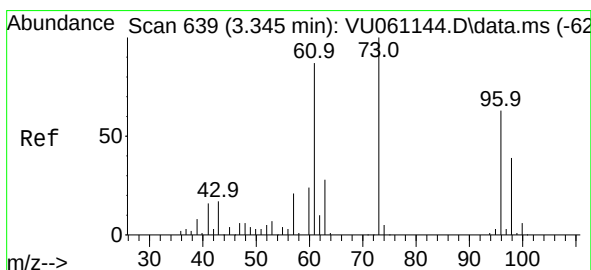
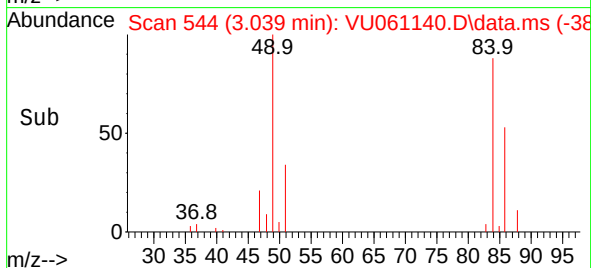
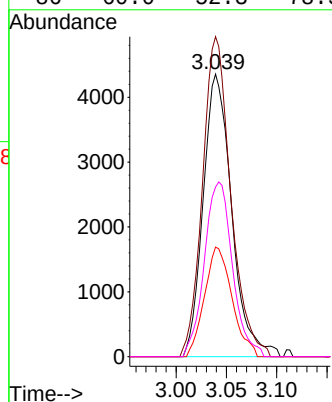
Ion Ratio Lower Upper

84 100

49 113.2 90.4 135.6

51 38.8 0.0 70.6

86 60.0 52.3 78.5



#16

trans-1,2-Dichloroethene

Concen: 0.476 ug/l

RT: 3.351 min Scan# 641

Delta R.T. 0.006 min

Lab File: VU061140.D

Acq: 17 Oct 2024 11:24

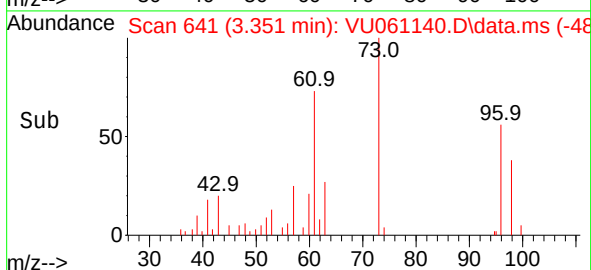
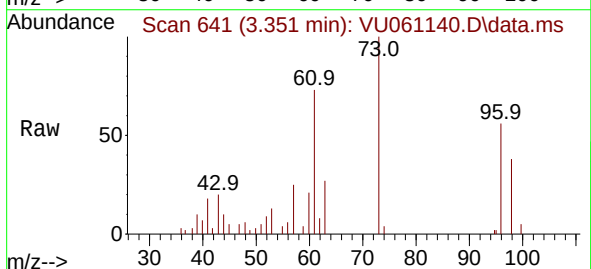
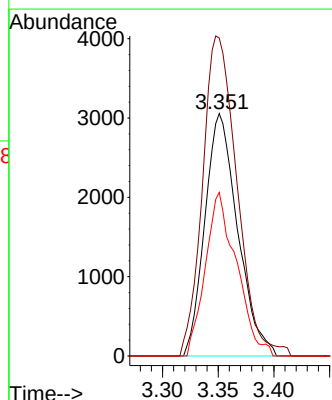
Tgt Ion: 96 Resp: 6262

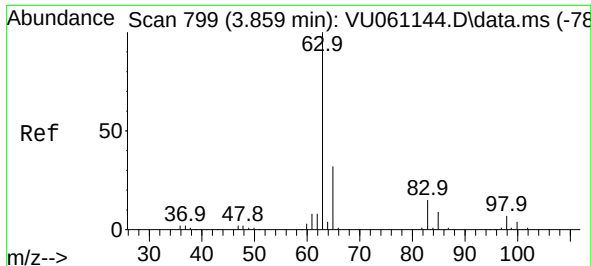
Ion Ratio Lower Upper

96 100

61 131.1 110.6 166.0

98 67.5 49.8 74.8

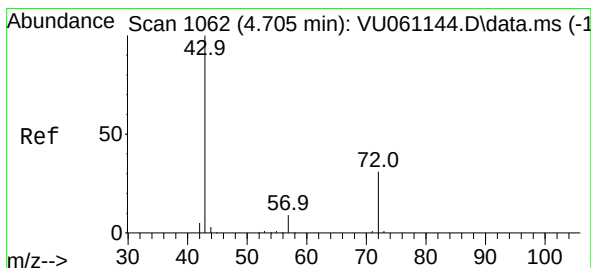
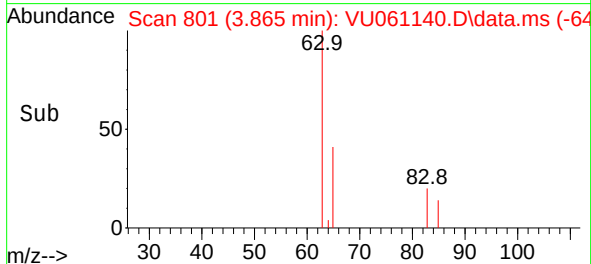
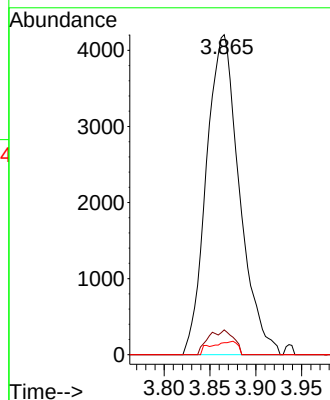
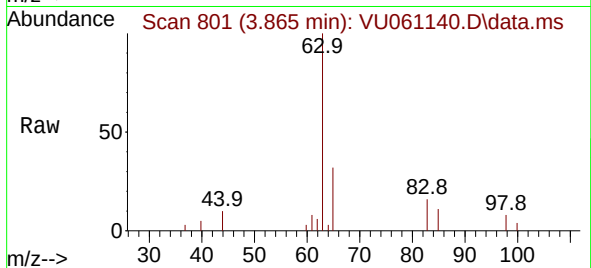




#17
1,1-Dichloroethane
Concen: 0.453 ug/l
RT: 3.865 min Scan# 801
Delta R.T. 0.006 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

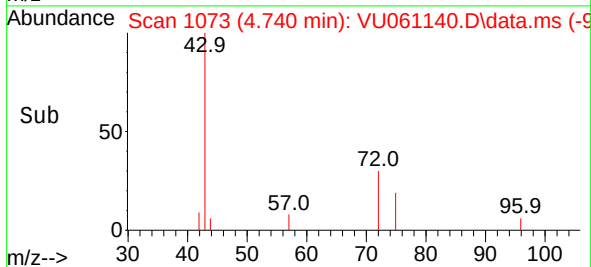
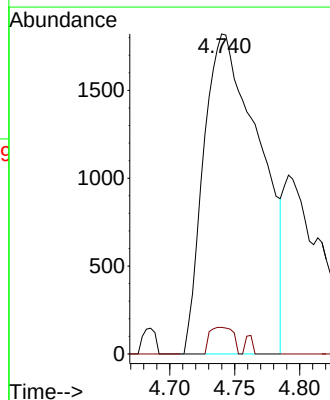
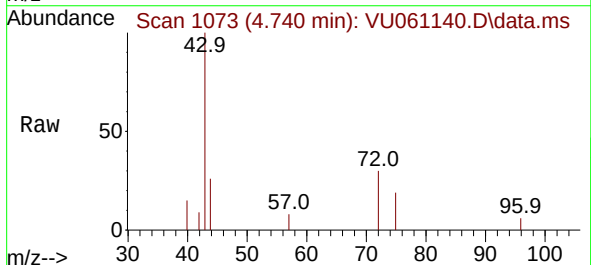
Instrument :
MSVOA_U
ClientSampleId :

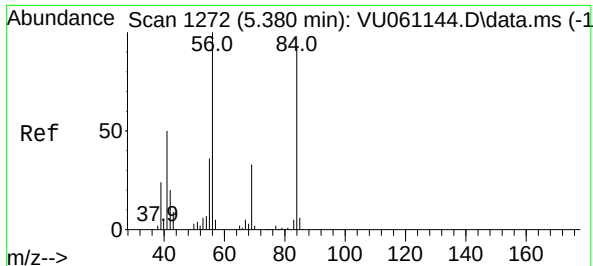
Tgt Ion: 63 Resp: 10552
Ion Ratio Lower Upper
63 100
98 7.8 3.3 9.8
100 3.8 2.1 6.5



#18
2-Butanone
Concen: 1.558 ug/l
RT: 4.740 min Scan# 1073
Delta R.T. 0.035 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

Tgt Ion: 43 Resp: 5455
Ion Ratio Lower Upper
43 100
57 8.3 0.0 19.0

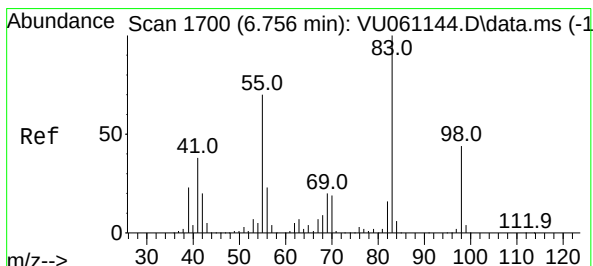
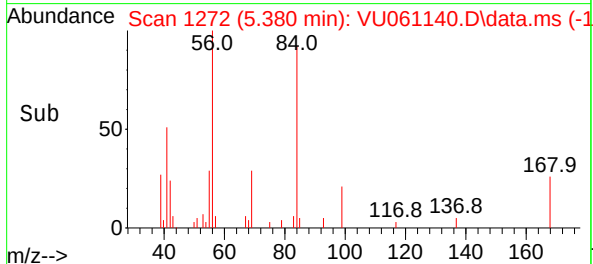
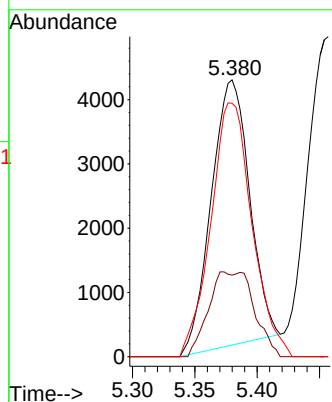
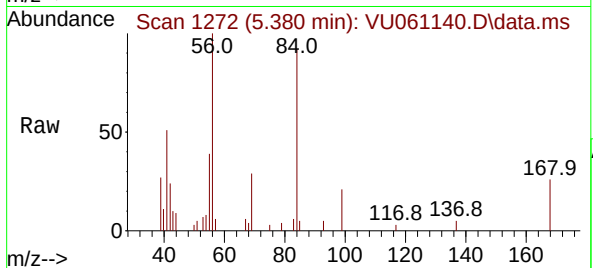




#19
Cyclohexane
Concen: 0.424 ug/l
RT: 5.380 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

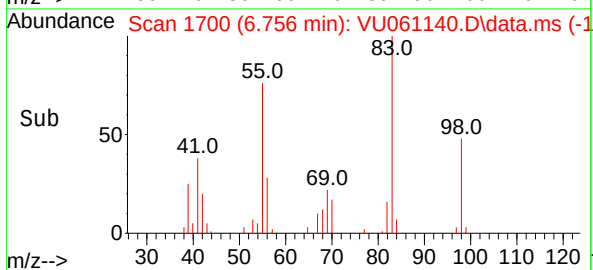
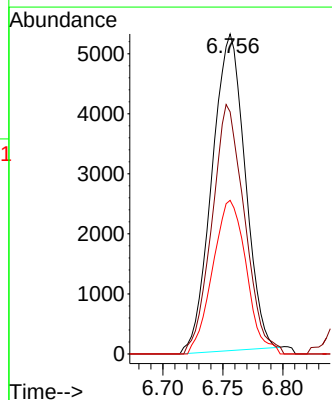
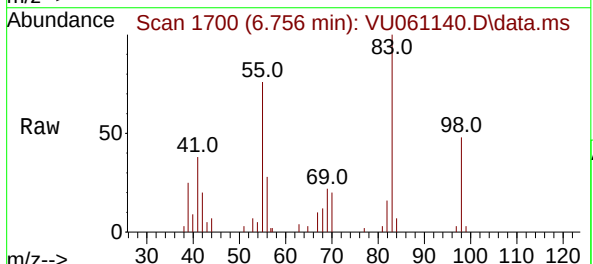
Instrument :
MSVOA_U
ClientSampleId :

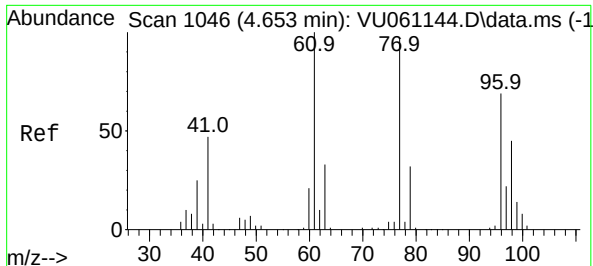
Tgt Ion: 56 Resp: 8854
Ion Ratio Lower Upper
56 100
69 20.3 26.2 39.4#
84 102.6 72.7 109.1



#20
Methylcyclohexane
Concen: 0.435 ug/l
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

Tgt Ion: 83 Resp: 10139
Ion Ratio Lower Upper
83 100
55 77.3 55.5 83.3
98 49.2 35.8 53.6

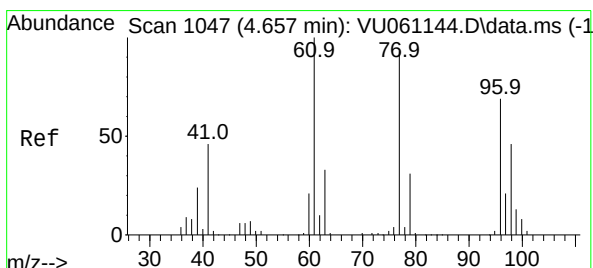
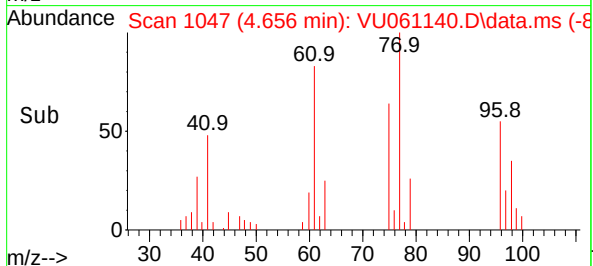
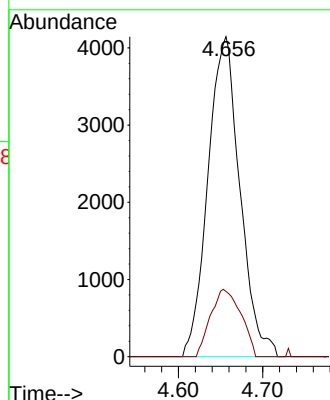
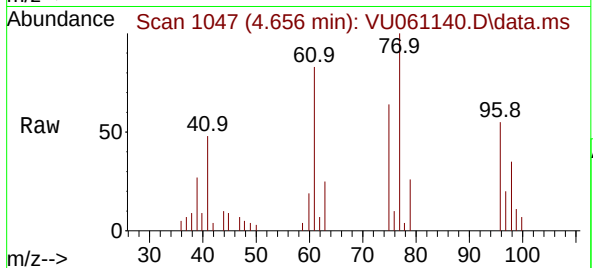




#21
2,2-Dichloropropane
Concen: 0.508 ug/l
RT: 4.656 min Scan# 1050
Delta R.T. 0.003 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

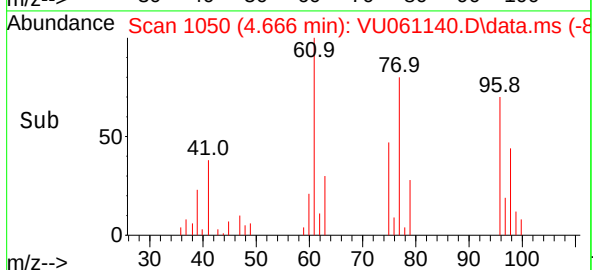
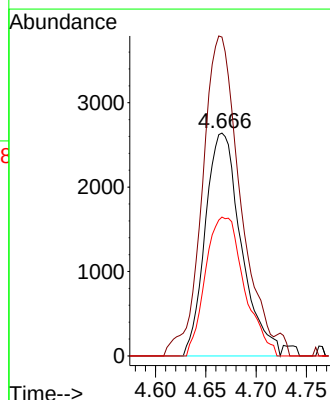
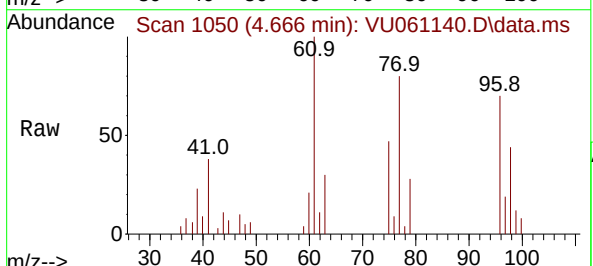
Instrument :
MSVOA_U
ClientSampleId :

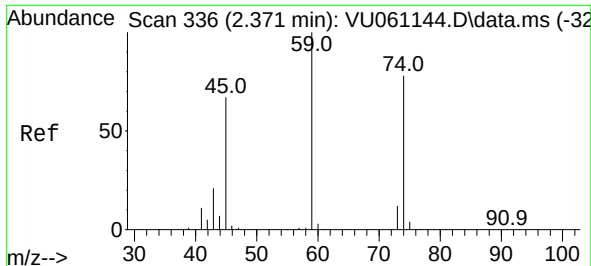
Tgt Ion: 77 Resp: 10922
Ion Ratio Lower Upper
77 100
97 20.0 18.3 27.5



#22
cis-1,2-Dichloroethene
Concen: 0.458 ug/l
RT: 4.666 min Scan# 1050
Delta R.T. 0.009 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

Tgt Ion: 96 Resp: 6557
Ion Ratio Lower Upper
96 100
61 150.7 0.0 364.8
98 67.0 32.1 96.3





#23

Diethyl Ether

Concen: 0.494 ug/l

RT: 2.373 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU061140.D

Acq: 17 Oct 2024 11:24

Instrument :

MSVOA_U

ClientSampleId :

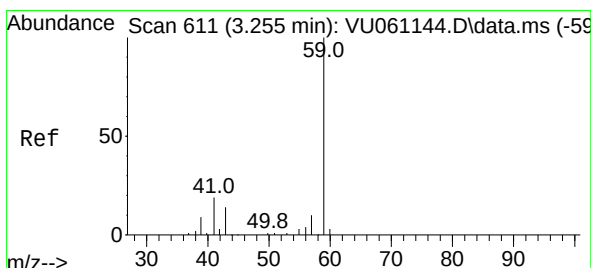
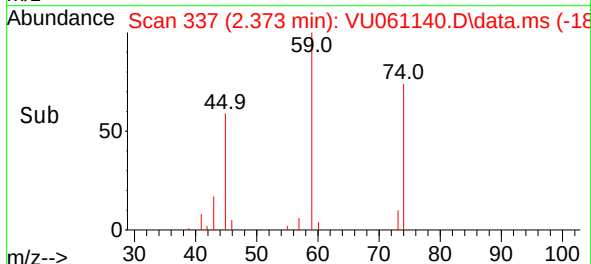
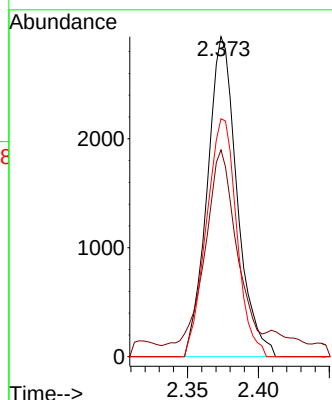
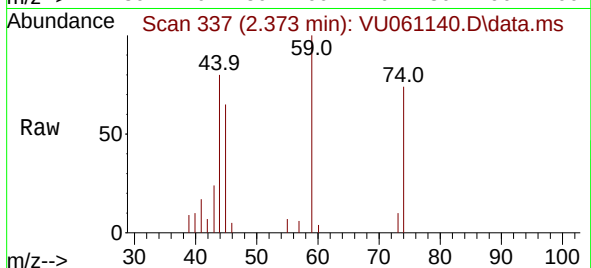
Tgt Ion: 59 Resp: 4302

Ion Ratio Lower Upper

59 100

45 61.3 52.0 78.0

74 75.2 62.2 93.2



#24

tert-Butyl Alcohol

Concen: 6.134 ug/l

RT: 3.177 min Scan# 587

Delta R.T. -0.077 min

Lab File: VU061140.D

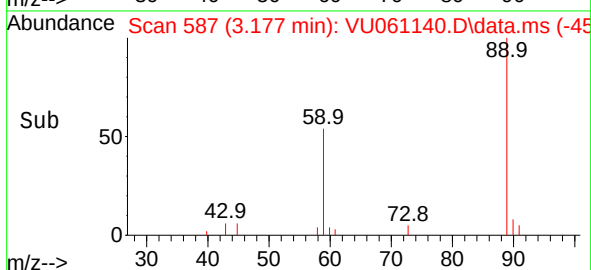
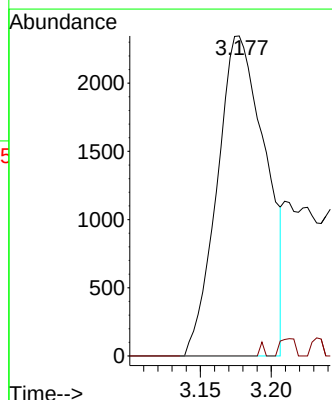
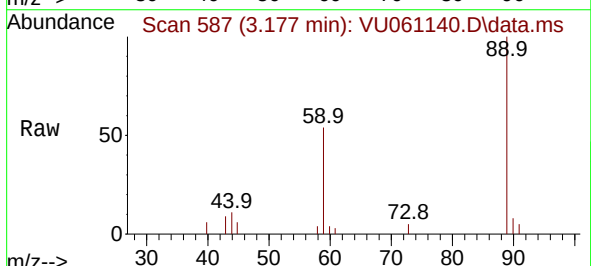
Acq: 17 Oct 2024 11:24

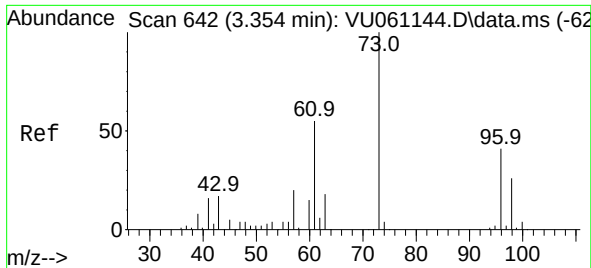
Tgt Ion: 59 Resp: 5565

Ion Ratio Lower Upper

59 100

57 62.1 3.2 4.8#





#25

Methyl tert-Butyl Ether

Concen: 0.485 ug/l

RT: 3.357 min Scan# 642

Delta R.T. 0.003 min

Lab File: VU061140.D

Acq: 17 Oct 2024 11:24

Instrument :

MSVOA_U

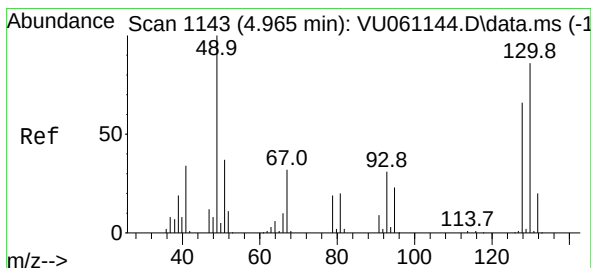
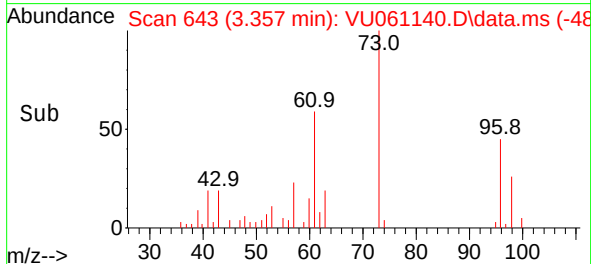
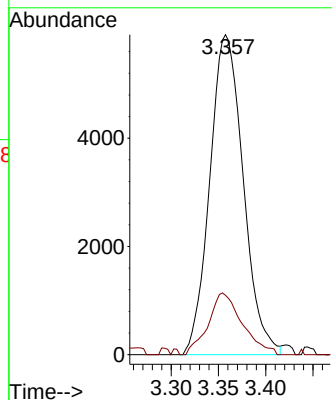
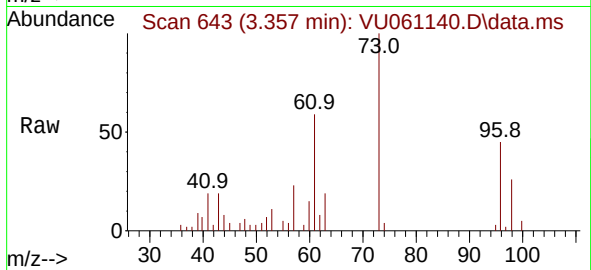
ClientSampleId :

Tgt Ion: 73 Resp: 14567

Ion Ratio Lower Upper

73 100

43 19.7 14.7 22.1



#26

Bromochloromethane

Concen: 0.479 ug/l

RT: 4.971 min Scan# 1145

Delta R.T. 0.006 min

Lab File: VU061140.D

Acq: 17 Oct 2024 11:24

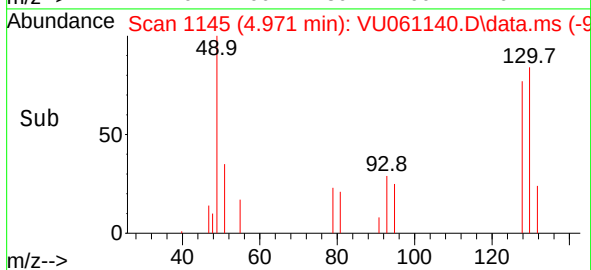
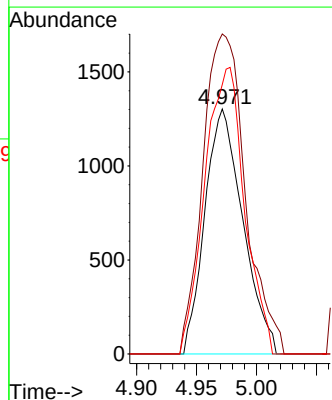
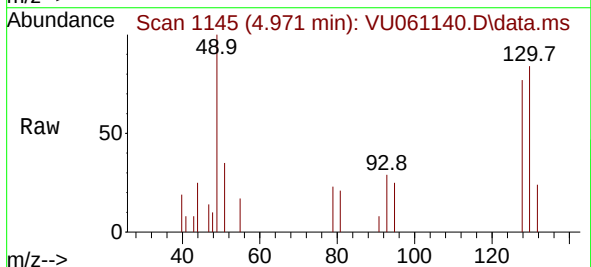
Tgt Ion: 128 Resp: 2872

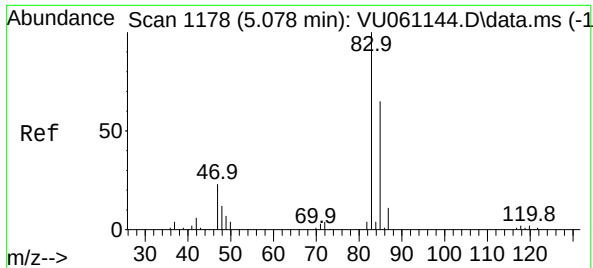
Ion Ratio Lower Upper

128 100

49 146.6 0.0 308.8

130 122.5 105.3 157.9

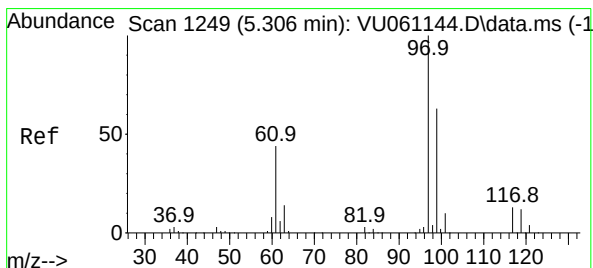
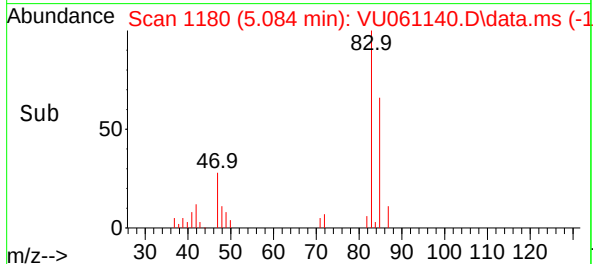
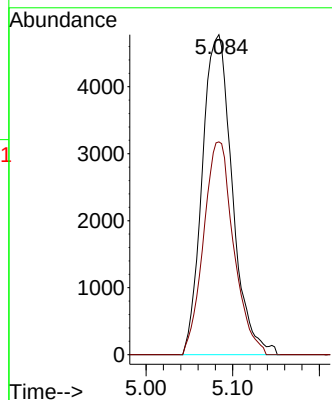
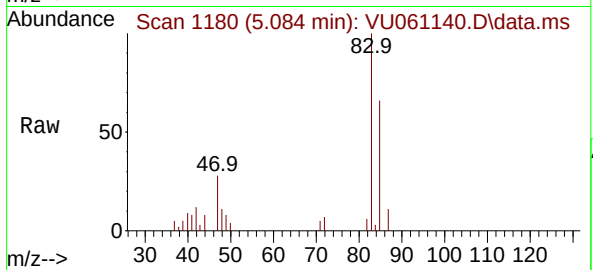




#27
Chloroform
Concen: 0.471 ug/l
RT: 5.084 min Scan# 1178
Delta R.T. 0.006 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

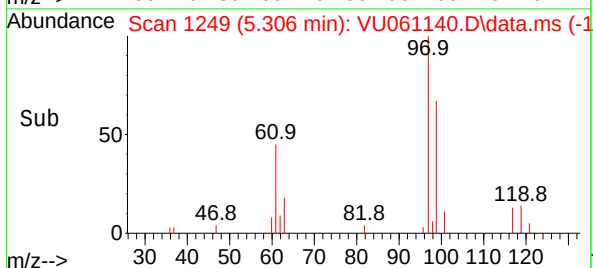
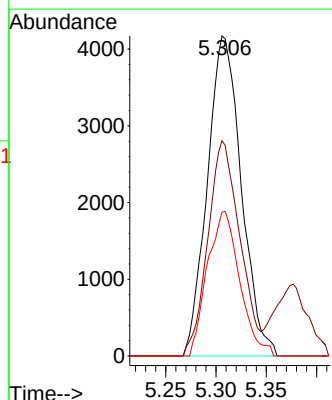
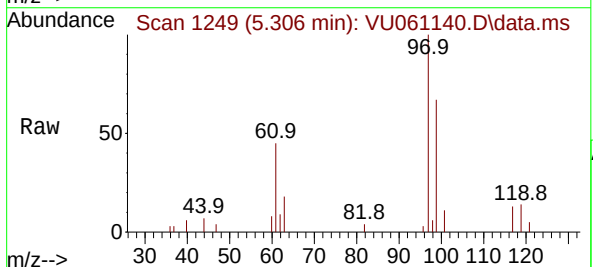
Instrument :
MSVOA_U
ClientSampleId :

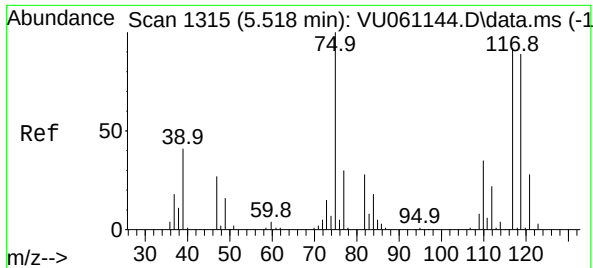
Tgt Ion: 83 Resp: 11519
Ion Ratio Lower Upper
83 100
85 66.5 0.0 129.6



#28
1,1,1-Trichloroethane
Concen: 0.454 ug/l
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

Tgt Ion: 97 Resp: 9795
Ion Ratio Lower Upper
97 100
99 63.4 31.9 95.5
61 43.1 22.1 66.1

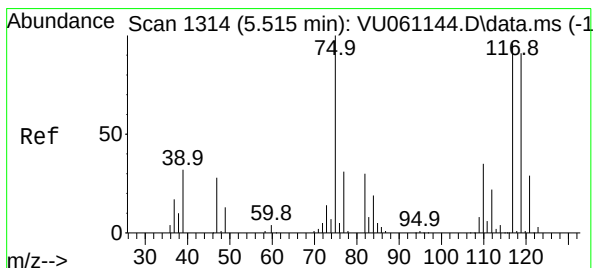
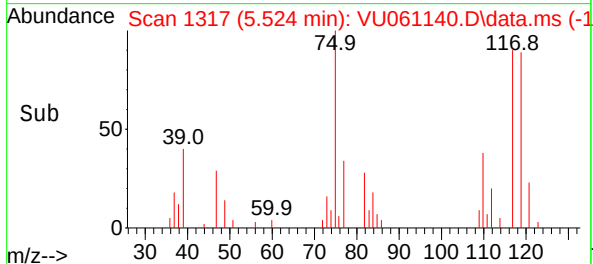
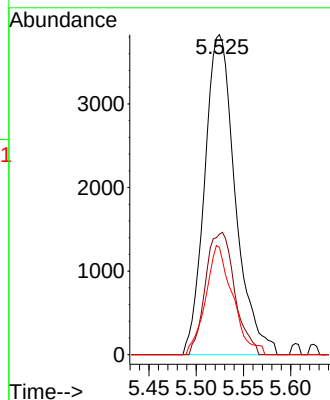
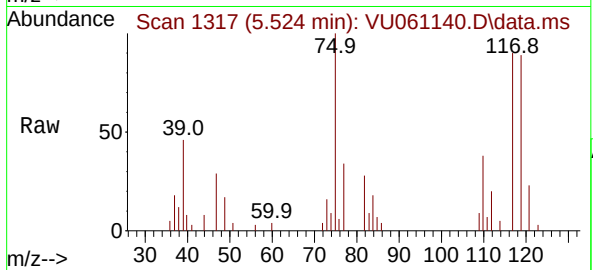




#29
1,1-Dichloropropene
Concen: 0.453 ug/l
RT: 5.524 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

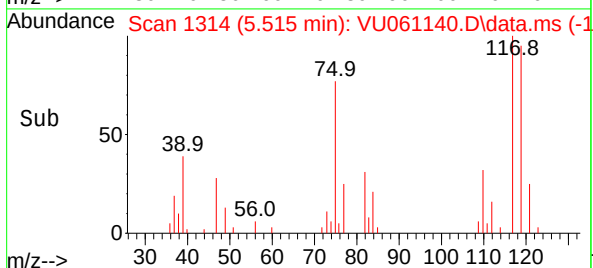
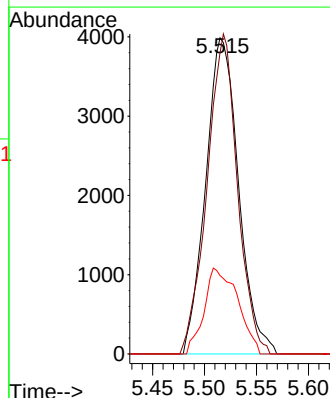
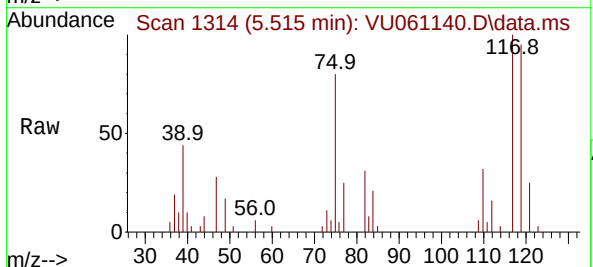
Instrument :
MSVOA_U
ClientSampleId :

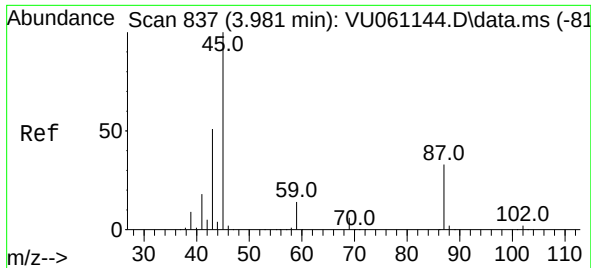
Tgt Ion: 75 Resp: 8635
Ion Ratio Lower Upper
75 100
110 36.3 17.8 53.3
77 30.2 24.6 37.0



#30
Carbon Tetrachloride
Concen: 0.469 ug/l
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

Tgt Ion: 117 Resp: 8764
Ion Ratio Lower Upper
117 100
119 95.3 76.4 114.6
121 24.8 24.1 36.1

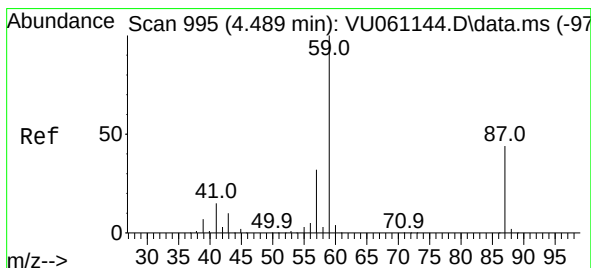
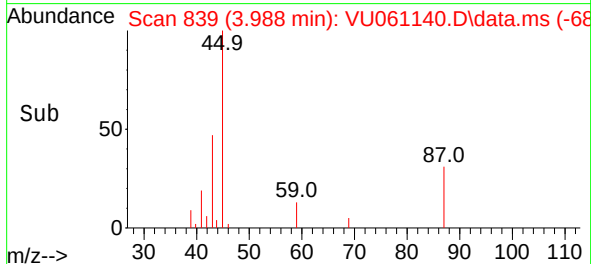
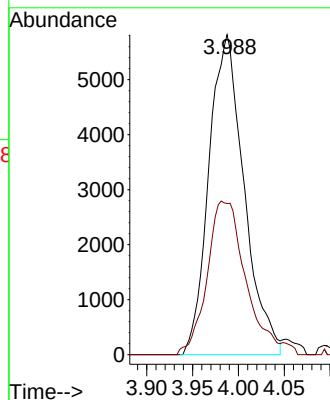
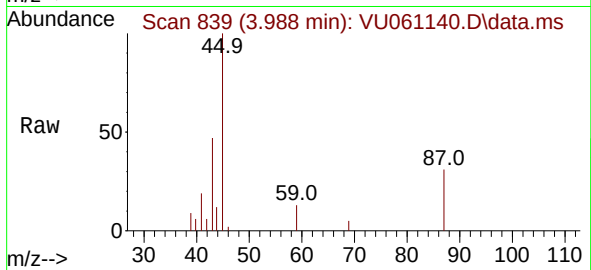




#31
Isopropyl Ether
Concen: 0.466 ug/l
RT: 3.988 min Scan# 839
Delta R.T. 0.006 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

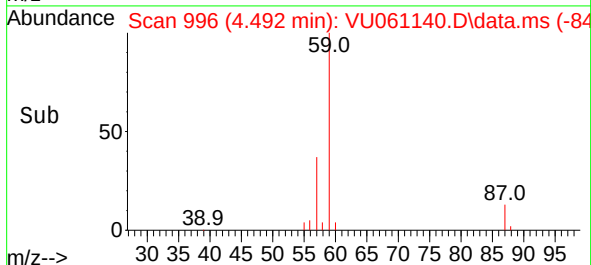
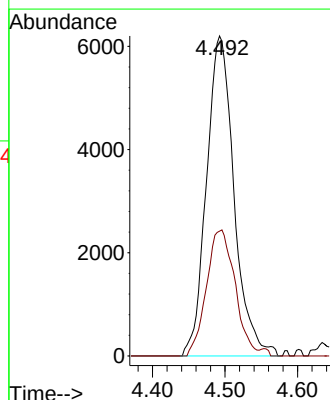
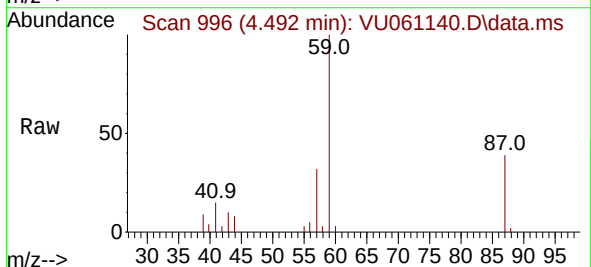
Instrument :
MSVOA_U
ClientSampleId :

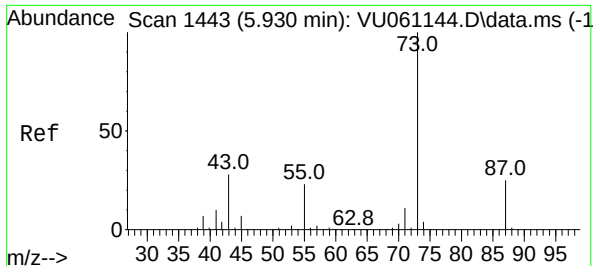
Tgt Ion: 45 Resp: 15512
Ion Ratio Lower Upper
45 100
43 52.1 25.7 77.0



#32
Ethyl-t-butyl ether
Concen: 0.478 ug/l
RT: 4.492 min Scan# 996
Delta R.T. 0.003 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

Tgt Ion: 59 Resp: 16357
Ion Ratio Lower Upper
59 100
87 38.7 34.7 52.1





#33

Tert-Amyl methyl ether

Concen: 0.448 ug/l

RT: 5.933 min Scan# 1444

Delta R.T. 0.003 min

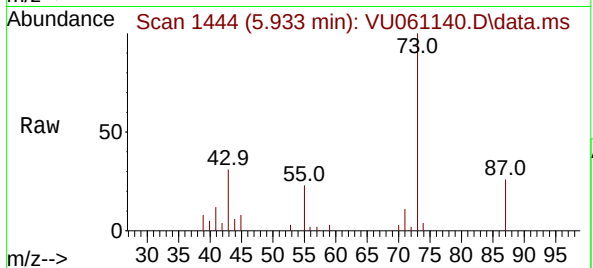
Lab File: VU061140.D

Acq: 17 Oct 2024 11:24

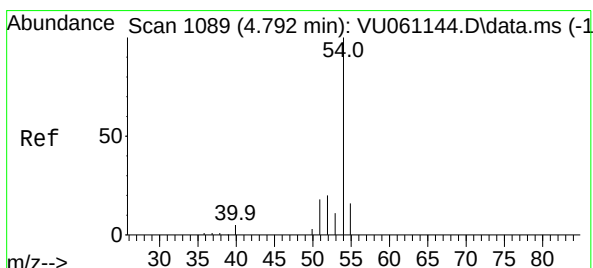
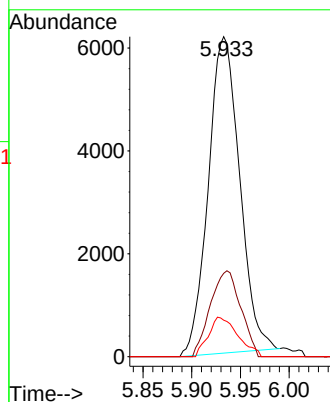
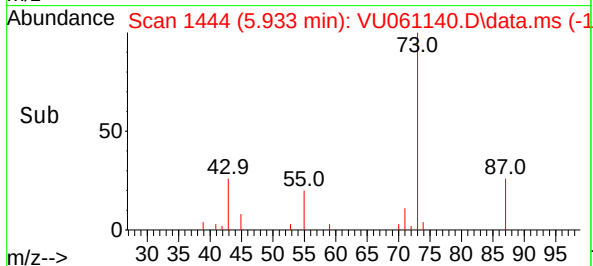
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 73	Resp: 13785
Ion Ratio	Lower Upper
73 100	
87 26.2	19.8 29.8
71 11.7	8.6 12.8



#34

Propionitrile

Concen: 0.921 ug/l

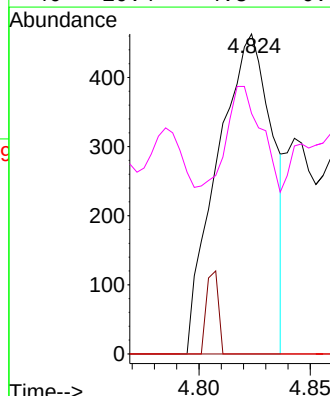
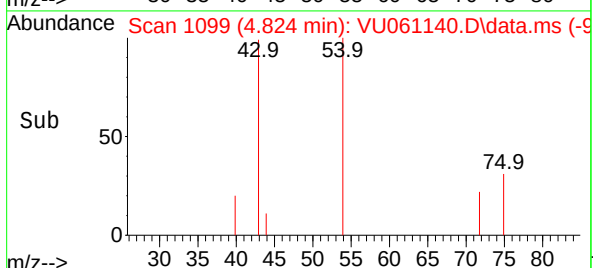
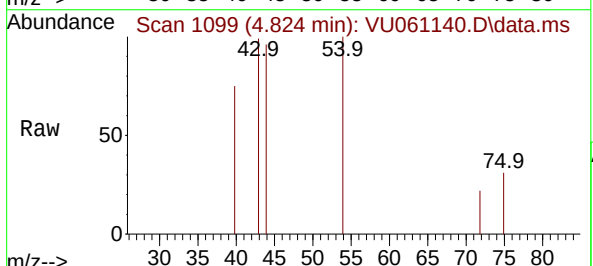
RT: 4.824 min Scan# 1099

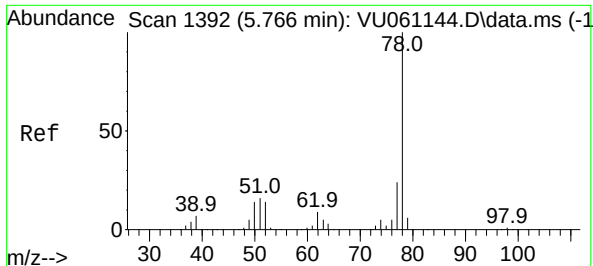
Delta R.T. 0.032 min

Lab File: VU061140.D

Acq: 17 Oct 2024 11:24

Tgt	Ion: 54	Resp:	798
Ion	Ratio	Lower	Upper
54	100		
52	5.5	15.3	22.9#
55	0.0	9.7	14.5#
40	20.4	4.3	6.5#





#35

Benzene

Concen: 0.461 ug/l

RT: 5.772 min Scan# 1400

Delta R.T. 0.006 min

Lab File: VU061140.D

Acq: 17 Oct 2024 11:24

Instrument :

MSVOA_U

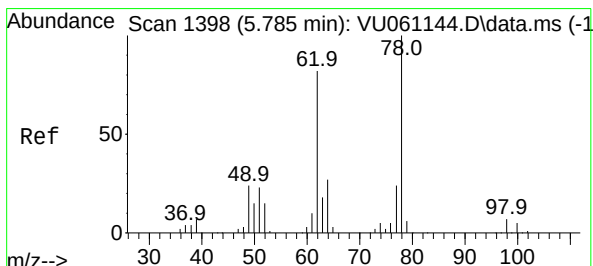
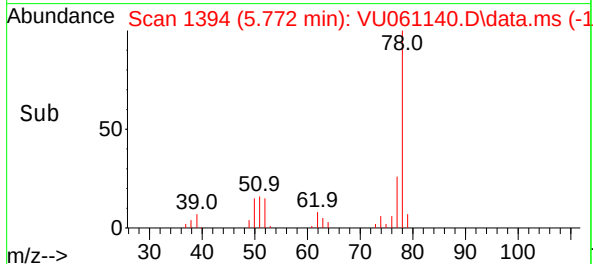
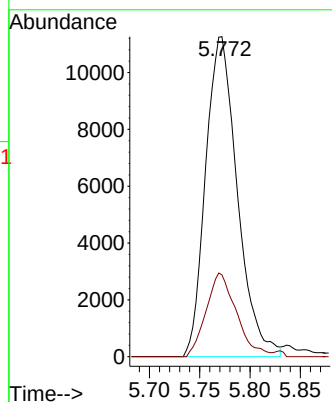
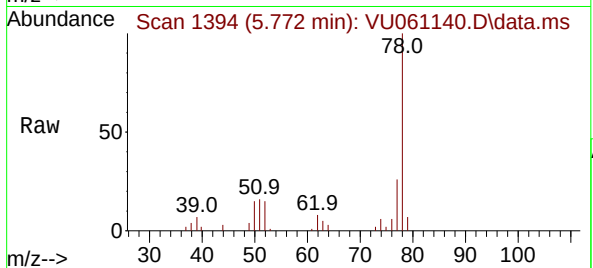
ClientSampleId :

Tgt Ion: 78 Resp: 24719

Ion Ratio Lower Upper

78 100

77 25.5 19.4 29.0



#36

1,2-Dichloroethane

Concen: 0.454 ug/l

RT: 5.791 min Scan# 1400

Delta R.T. 0.006 min

Lab File: VU061140.D

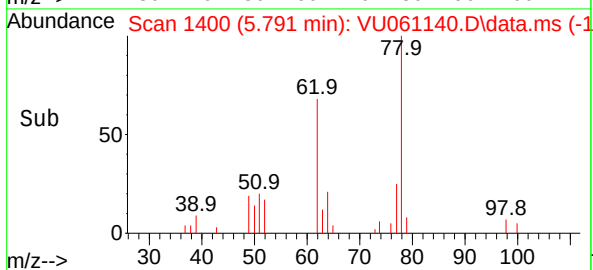
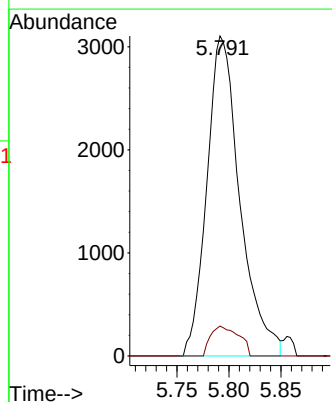
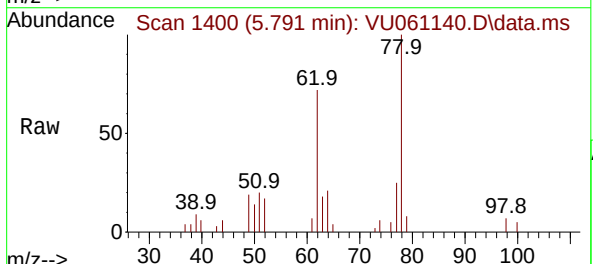
Acq: 17 Oct 2024 11:24

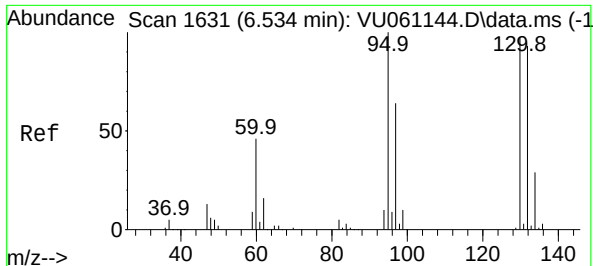
Tgt Ion: 62 Resp: 6873

Ion Ratio Lower Upper

62 100

98 7.9 7.0 10.4





#37

Trichloroethene

Concen: 0.464 ug/l

RT: 6.541 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU061140.D

Acq: 17 Oct 2024 11:24

Instrument :

MSVOA_U

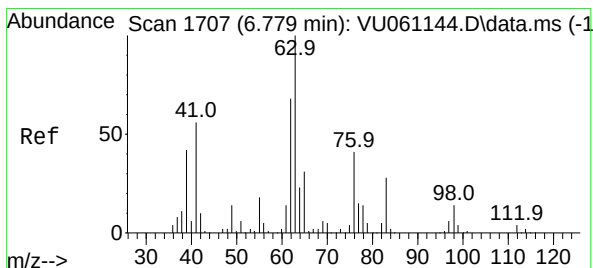
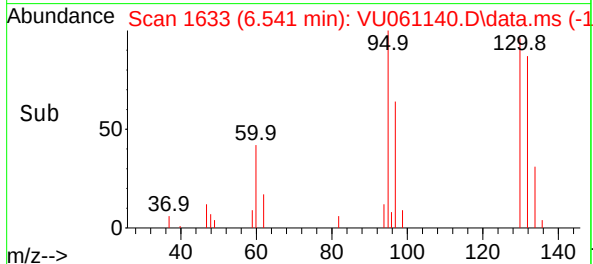
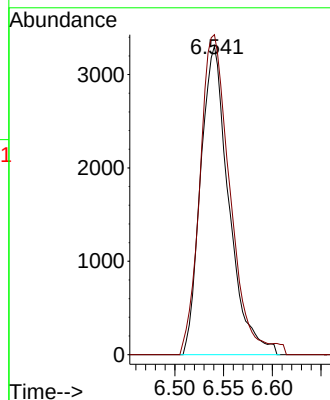
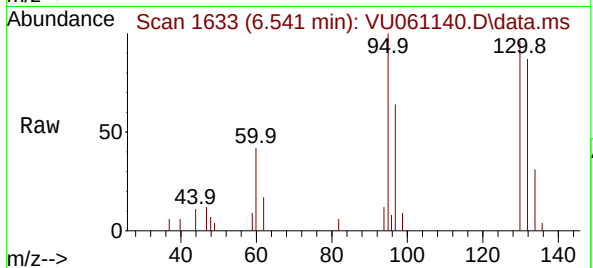
ClientSampleId :

Tgt Ion:130 Resp: 6643

Ion Ratio Lower Upper

130 100

95 103.8 82.6 123.8



#38

1,2-Dichloropropane

Concen: 0.467 ug/l

RT: 6.788 min Scan# 1710

Delta R.T. 0.009 min

Lab File: VU061140.D

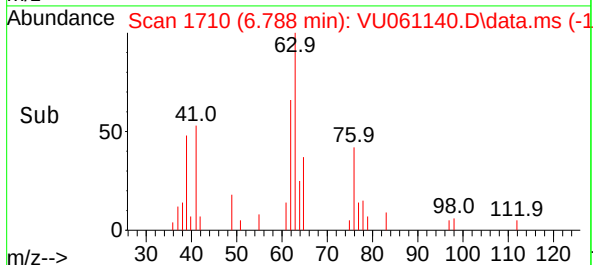
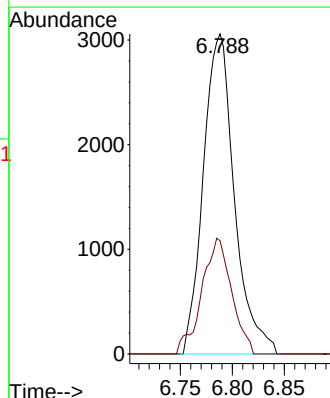
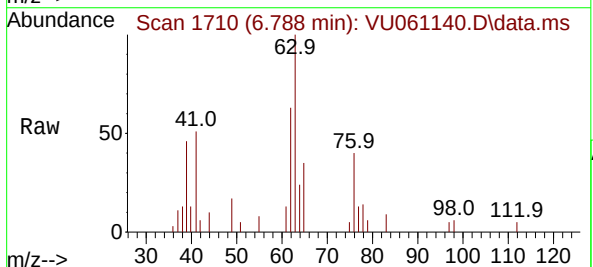
Acq: 17 Oct 2024 11:24

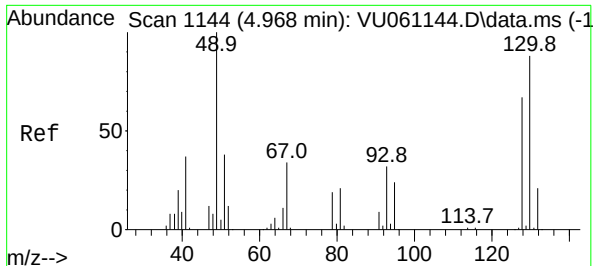
Tgt Ion: 63 Resp: 6350

Ion Ratio Lower Upper

63 100

65 35.4 25.0 37.6





#39

Methacrylonitrile

Concen: 0.210 ug/l

RT: 4.994 min Scan# 1152

Delta R.T. 0.025 min

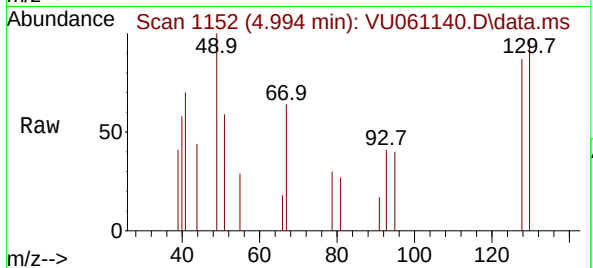
Lab File: VU061140.D

Acq: 17 Oct 2024 11:24

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 41 Resp: 649

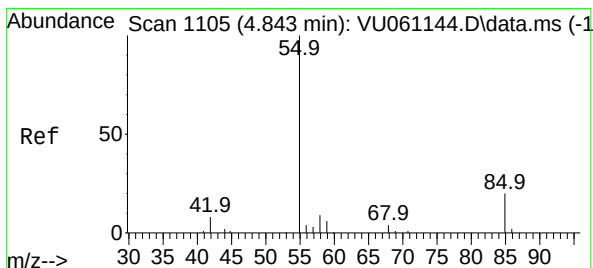
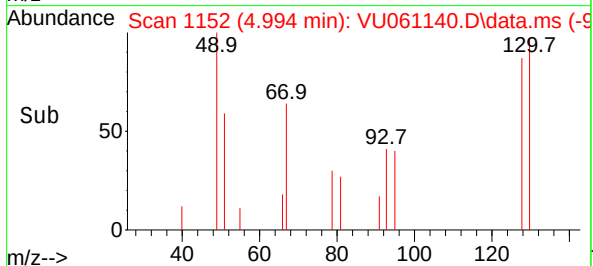
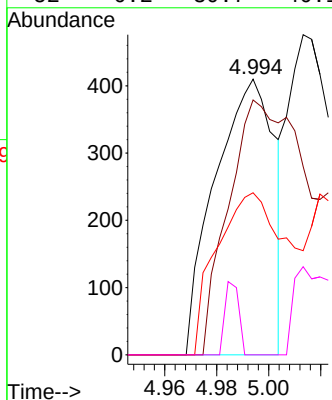
Ion Ratio Lower Upper

41 100

67 167.6 78.1 117.1#

39 71.2 44.6 67.0#

52 6.2 30.7 46.1#



#40

Methyl acrylate

Concen: 0.130 ug/l

RT: 4.894 min Scan# 1121

Delta R.T. 0.051 min

Lab File: VU061140.D

Acq: 17 Oct 2024 11:24

Tgt Ion: 55 Resp: 811

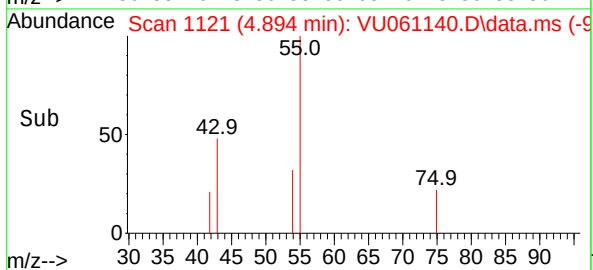
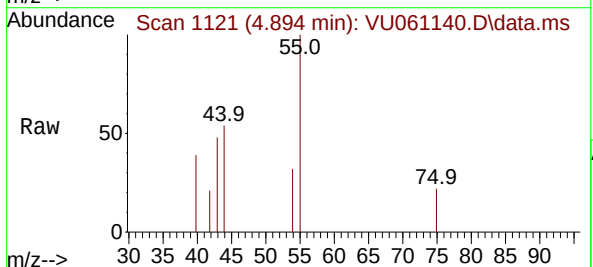
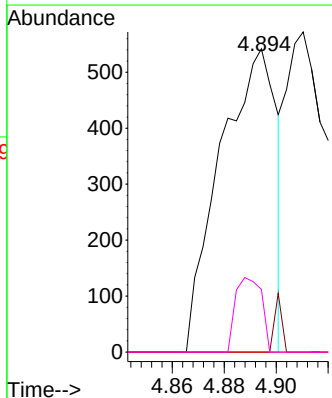
Ion Ratio Lower Upper

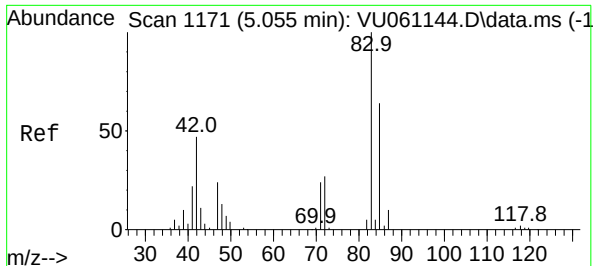
55 100

85 0.0 14.1 21.1#

58 0.0 6.9 10.3#

42 11.5 5.6 8.4#





#41

Tetrahydrofuran

Concen: 0.995 ug/l

RT: 5.078 min Scan# 1178

Delta R.T. 0.022 min

Lab File: VU061140.D

Acq: 17 Oct 2024 11:24

Instrument :

MSVOA_U

ClientSampleId :

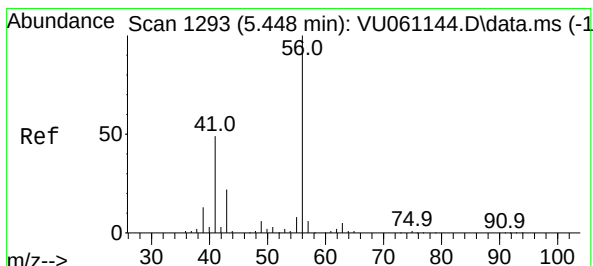
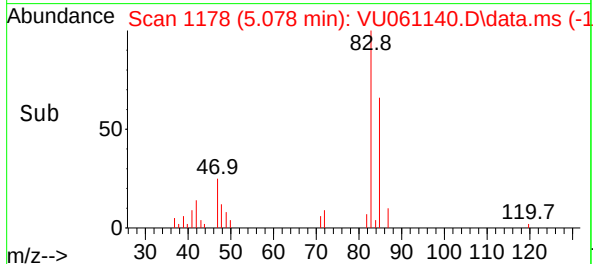
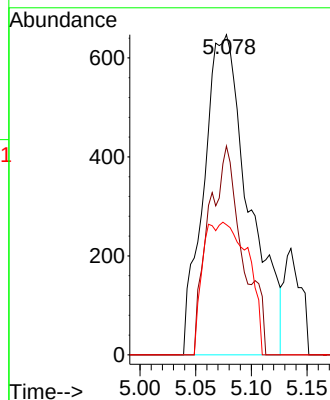
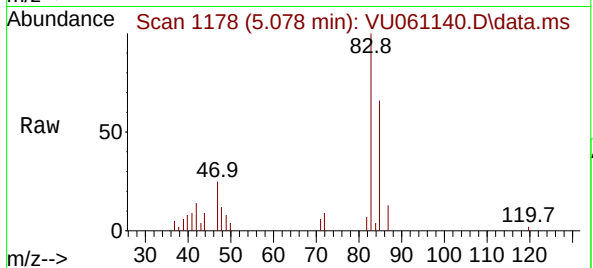
Tgt Ion: 42 Resp: 1829

Ion Ratio Lower Upper

42 100

72 48.9 47.8 71.8

71 13.4 41.5 62.3#



#42

1-Chlorobutane

Concen: 0.447 ug/l

RT: 5.457 min Scan# 1296

Delta R.T. 0.009 min

Lab File: VU061140.D

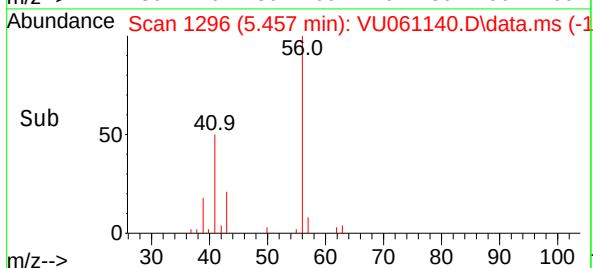
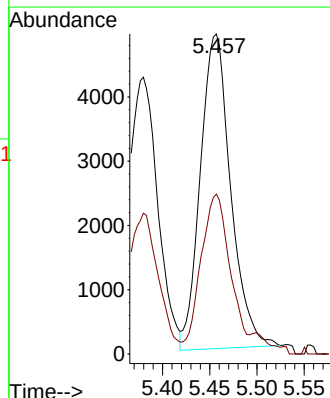
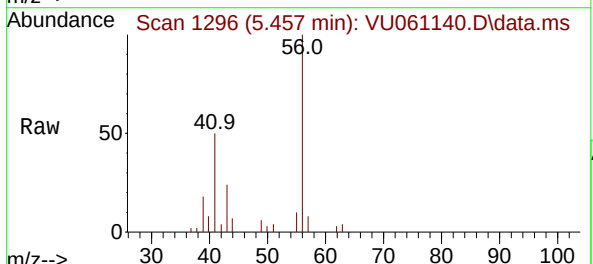
Acq: 17 Oct 2024 11:24

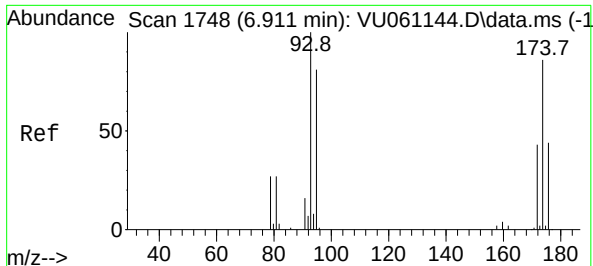
Tgt Ion: 56 Resp: 10924

Ion Ratio Lower Upper

56 100

41 42.5 23.9 71.7





#43

Dibromomethane

Concen: 0.456 ug/l

RT: 6.914 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU061140.D

Acq: 17 Oct 2024 11:24

Instrument :

MSVOA_U

ClientSampleId :

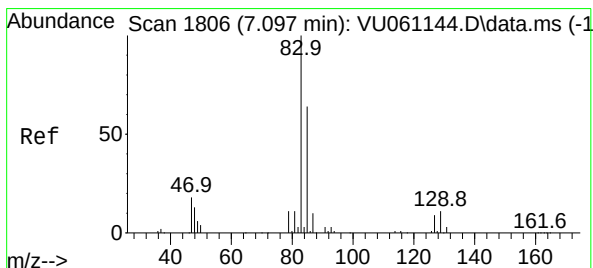
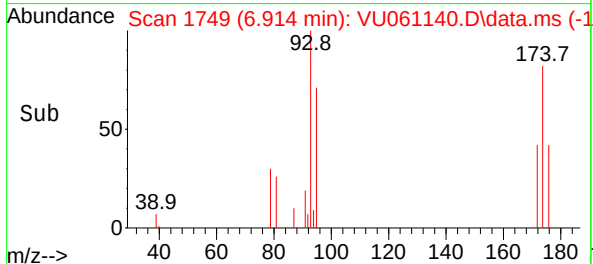
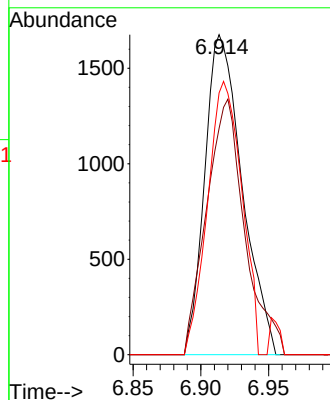
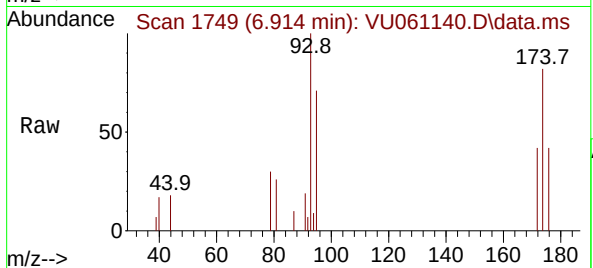
Tgt Ion: 93 Resp: 3215

Ion Ratio Lower Upper

93 100

95 81.8 67.5 101.3

174 78.3 71.2 106.8



#44

Bromodichloromethane

Concen: 0.461 ug/l

RT: 7.100 min Scan# 1807

Delta R.T. 0.003 min

Lab File: VU061140.D

Acq: 17 Oct 2024 11:24

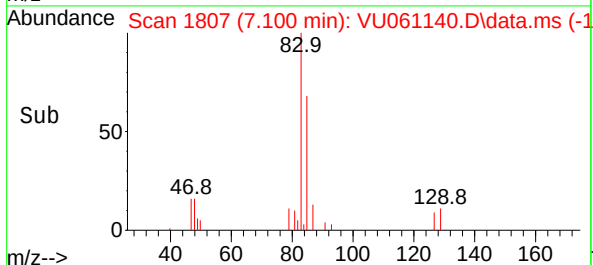
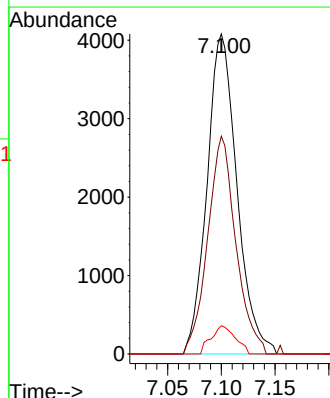
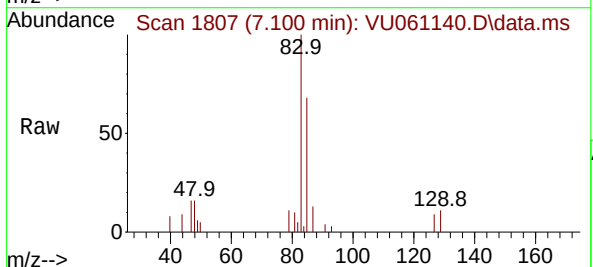
Tgt Ion: 83 Resp: 7896

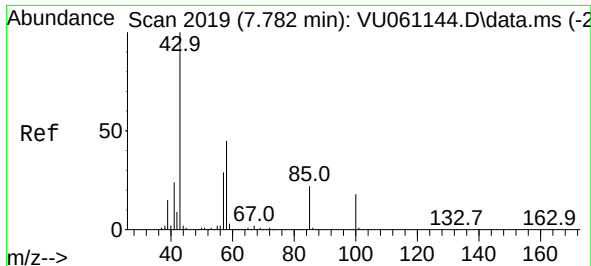
Ion Ratio Lower Upper

83 100

85 68.0 51.4 77.2

127 8.9 7.4 11.2

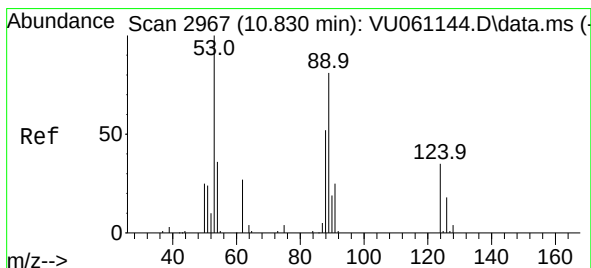
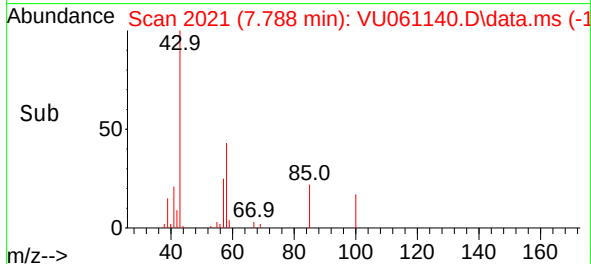
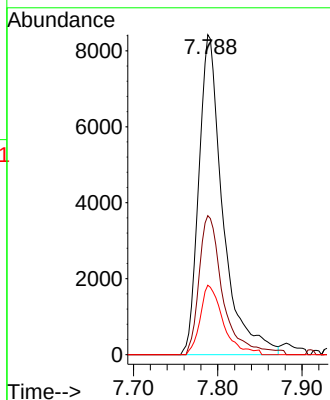
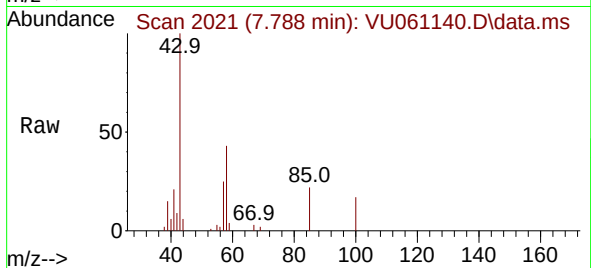




#45
4-Methyl-2-Pentanone
Concen: 2.363 ug/l
RT: 7.788 min Scan# 2019
Delta R.T. 0.006 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

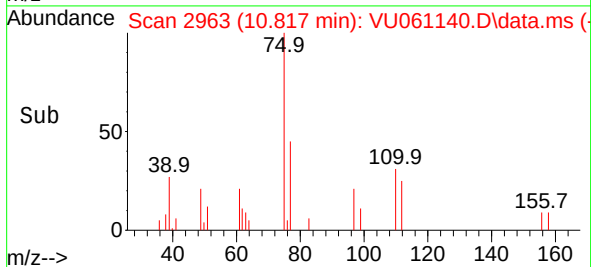
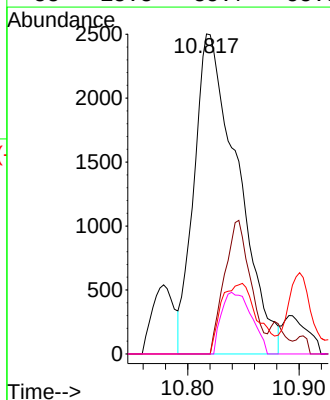
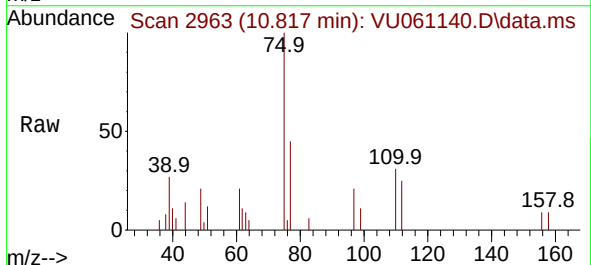
Instrument :
MSVOA_U
ClientSampleId :

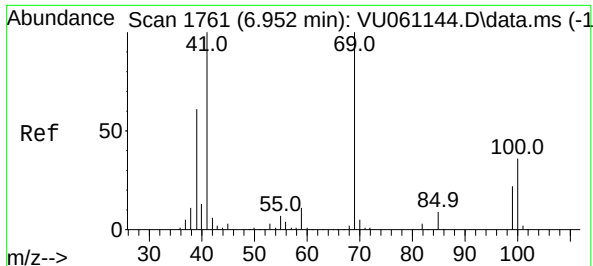
Tgt Ion: 43 Resp: 16715
Ion Ratio Lower Upper
43 100
58 43.1 22.2 66.6
85 20.8 17.2 25.8



#46
t-1,4-Dichloro-2-butene
Concen: 2.315 ug/l
RT: 10.817 min Scan# 2963
Delta R.T. -0.013 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

Tgt Ion: 75 Resp: 6776
Ion Ratio Lower Upper
75 100
53 25.4 66.0 99.0#
89 18.4 48.0 72.0#
88 13.3 35.7 53.5#





#47

Methyl methacrylate

Concen: 0.962 ug/l

RT: 6.968 min Scan# 1

Delta R.T. 0.016 min

Lab File: VU061140.D

Acq: 17 Oct 2024 11:24

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 69 Resp: 5892

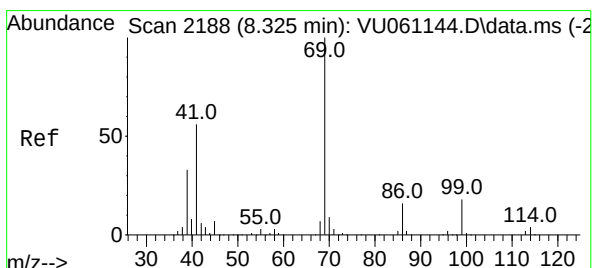
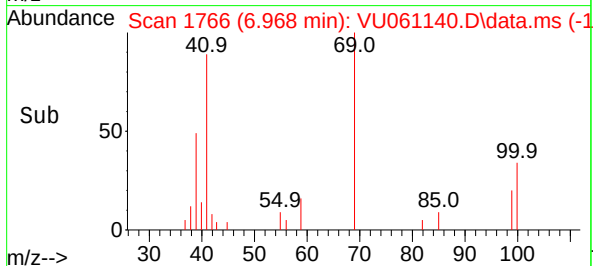
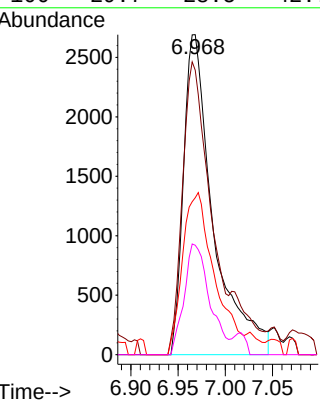
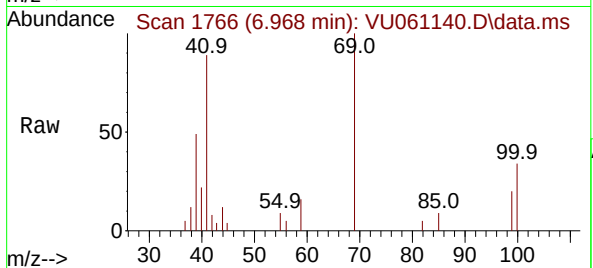
Ion Ratio Lower Upper

69 100

41 83.5 0.0 196.0

39 54.6 48.0 72.0

100 29.7 28.5 42.7



#48

Ethyl methacrylate

Concen: 0.430 ug/l

RT: 8.335 min Scan# 2191

Delta R.T. 0.009 min

Lab File: VU061140.D

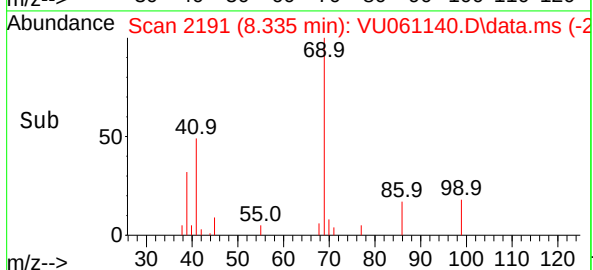
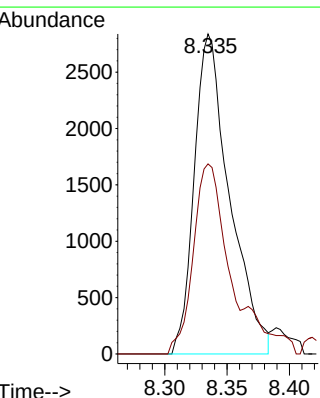
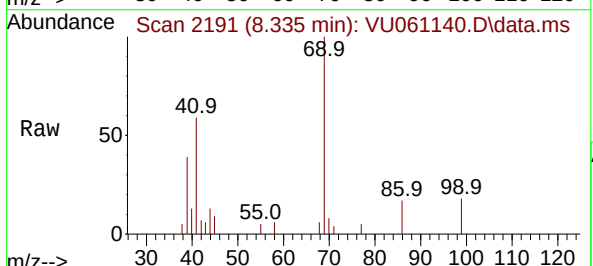
Acq: 17 Oct 2024 11:24

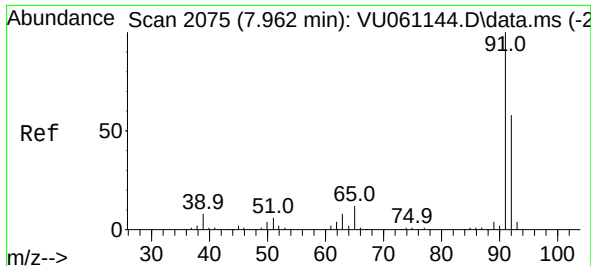
Tgt Ion: 69 Resp: 5610

Ion Ratio Lower Upper

69 100

41 64.0 28.1 84.3





#49

Toluene

Concen: 0.455 ug/l

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU061140.D

Acq: 17 Oct 2024 11:24

Instrument :

MSVOA_U

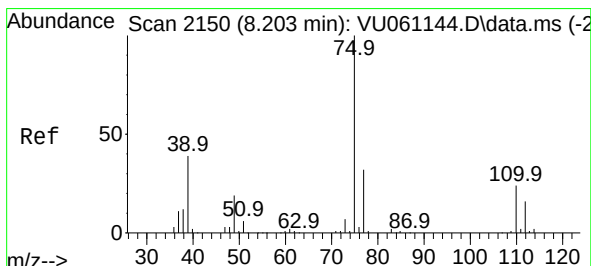
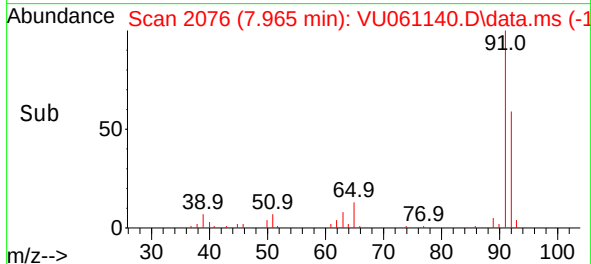
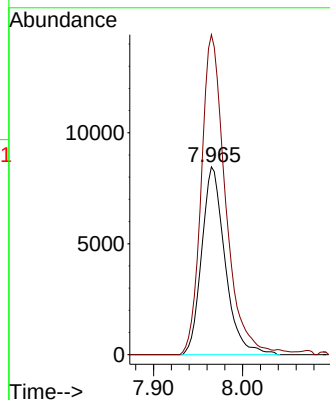
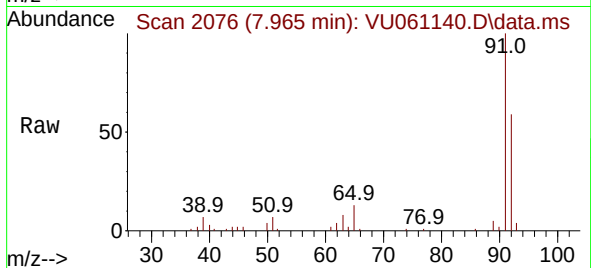
ClientSampleId :

Tgt Ion: 92 Resp: 15412

Ion Ratio Lower Upper

92 100

91 176.1 139.1 208.7



#50

t-1,3-Dichloropropene

Concen: 0.475 ug/l

RT: 8.206 min Scan# 2151

Delta R.T. 0.003 min

Lab File: VU061140.D

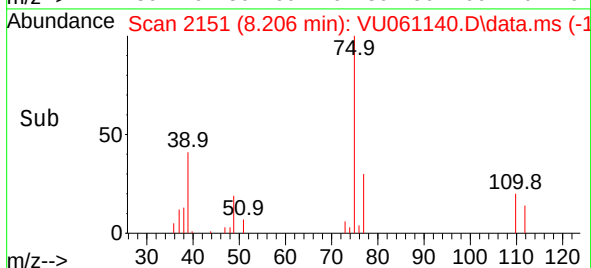
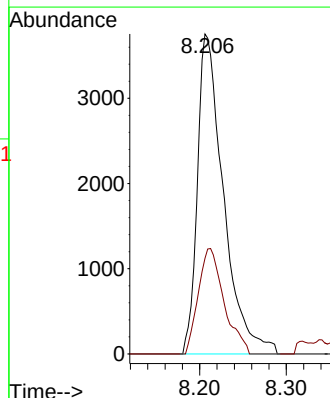
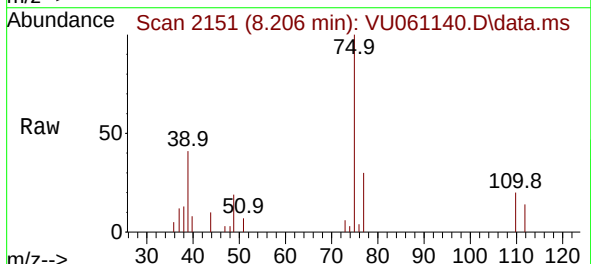
Acq: 17 Oct 2024 11:24

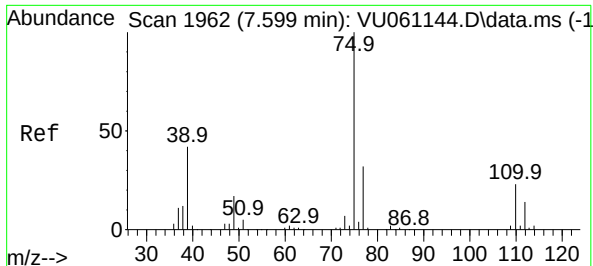
Tgt Ion: 75 Resp: 7839

Ion Ratio Lower Upper

75 100

77 29.9 25.9 38.9

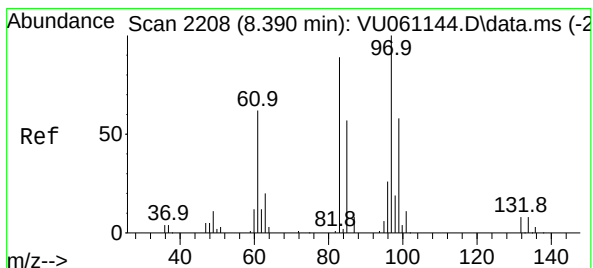
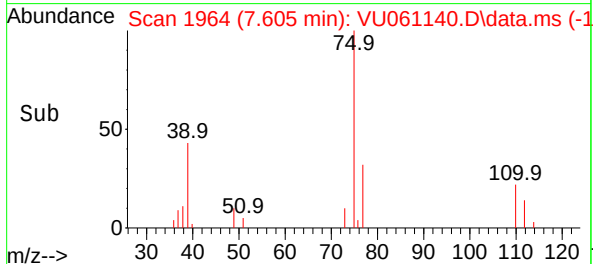
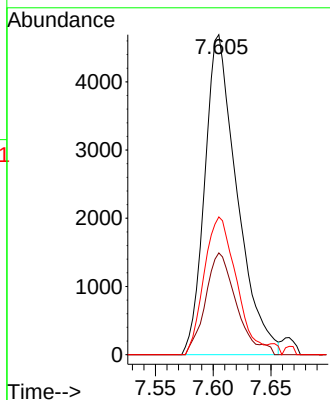
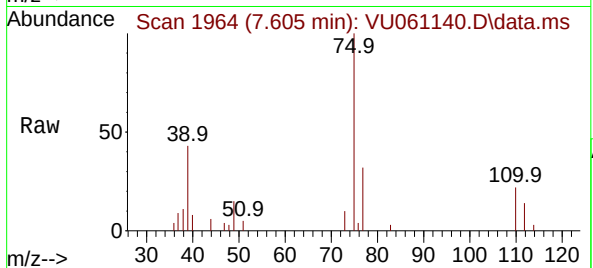




#51
 cis-1,3-Dichloropropene
 Concen: 0.450 ug/l
 RT: 7.605 min Scan# 1962
 Delta R.T. 0.006 min
 Lab File: VU061140.D
 Acq: 17 Oct 2024 11:24

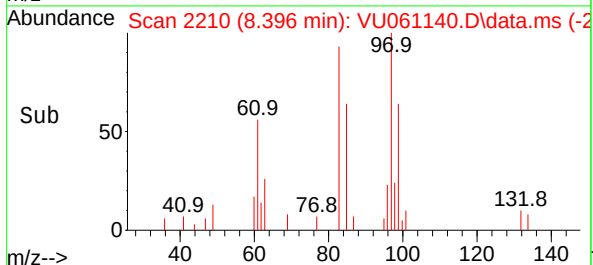
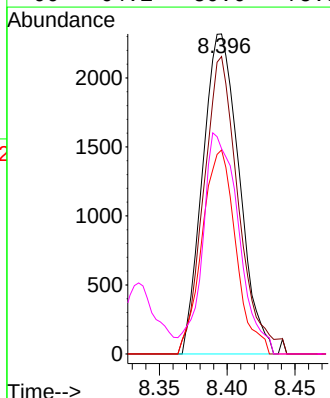
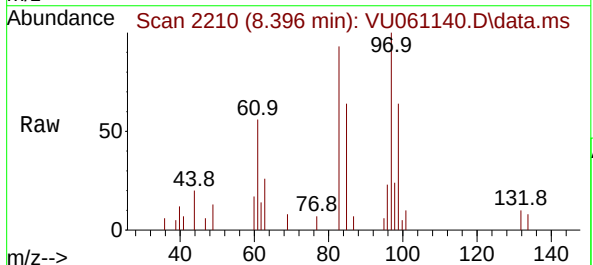
Instrument :
 MSVOA_U
 ClientSampleId :

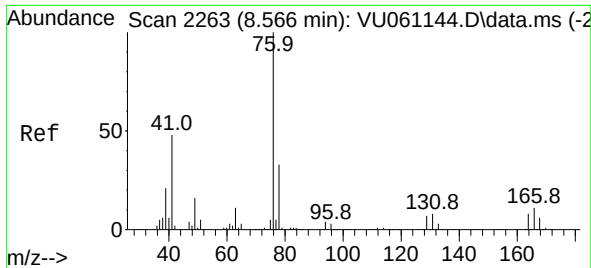
Tgt Ion: 75 Resp: 9120
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.8 38.8
 39 43.1 33.7 50.5



#52
 1,1,2-Trichloroethane
 Concen: 0.457 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. 0.006 min
 Lab File: VU061140.D
 Acq: 17 Oct 2024 11:24

Tgt Ion: 97 Resp: 4340
 Ion Ratio Lower Upper
 97 100
 83 92.9 71.0 106.4
 85 63.7 46.1 69.1
 99 64.1 50.6 75.8

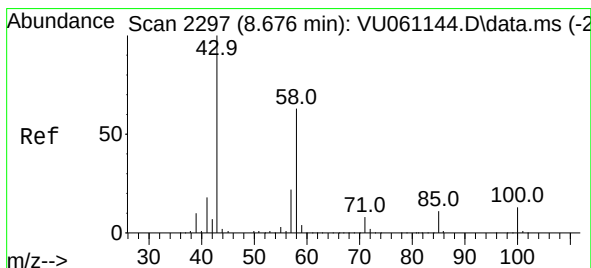
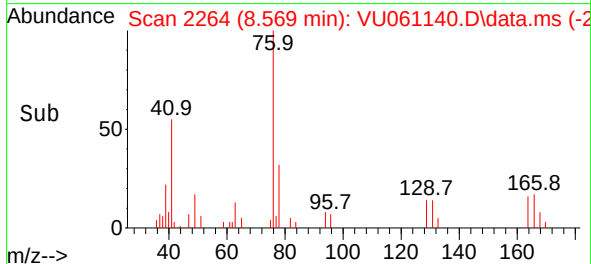
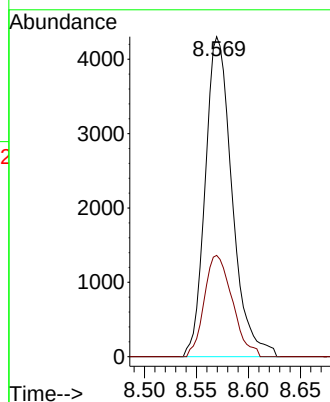
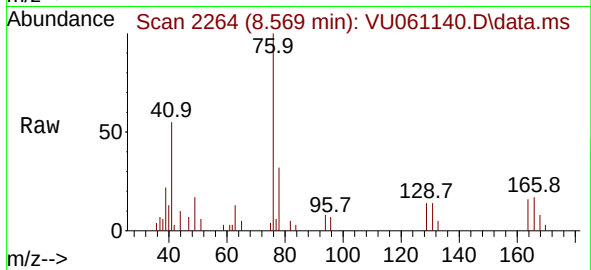




#53
1,3-Dichloropropane
Concen: 0.463 ug/l
RT: 8.569 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

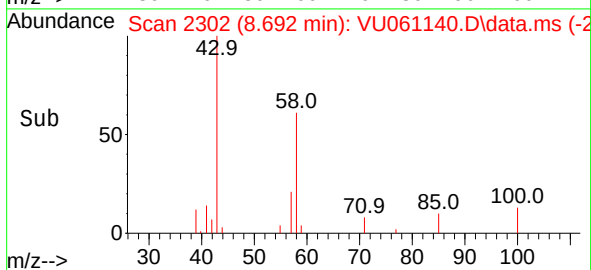
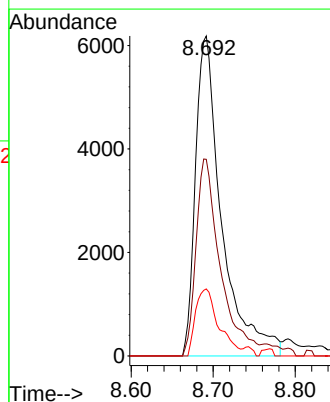
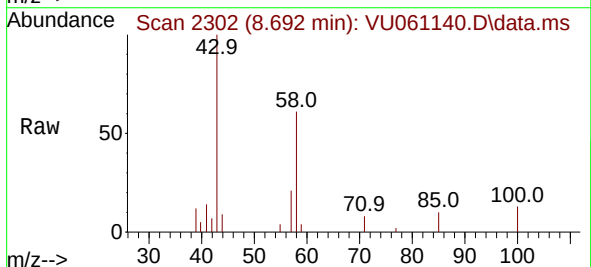
Instrument :
MSVOA_U
ClientSampleId :

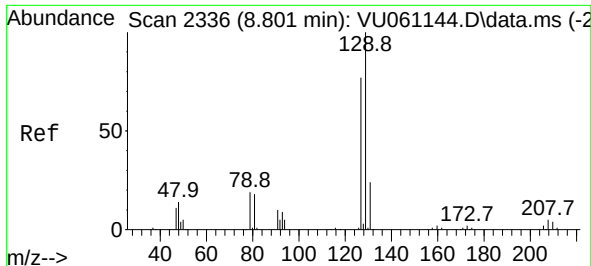
Tgt Ion: 76 Resp: 7722
Ion Ratio Lower Upper
76 100
78 33.1 26.2 39.2



#54
2-Hexanone
Concen: 2.360 ug/l
RT: 8.692 min Scan# 2302
Delta R.T. 0.016 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

Tgt Ion: 43 Resp: 13710
Ion Ratio Lower Upper
43 100
58 57.0 41.8 81.8
57 18.5 1.4 41.4





#55

Dibromochloromethane

Concen: 0.443 ug/l

RT: 8.804 min Scan# 2337

Delta R.T. 0.003 min

Lab File: VU061140.D

Acq: 17 Oct 2024 11:24

Instrument :

MSVOA_U

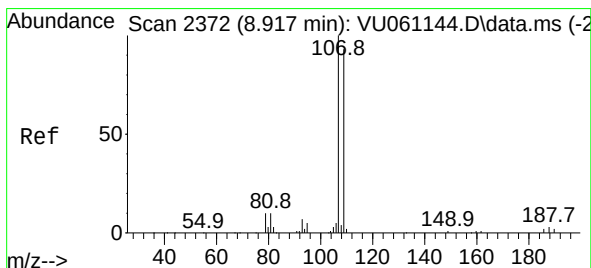
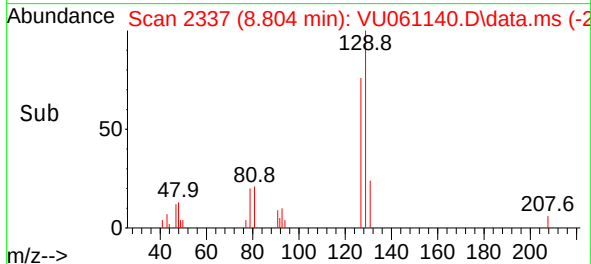
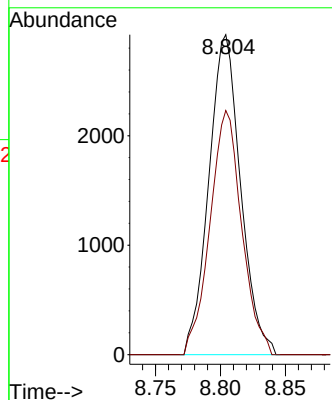
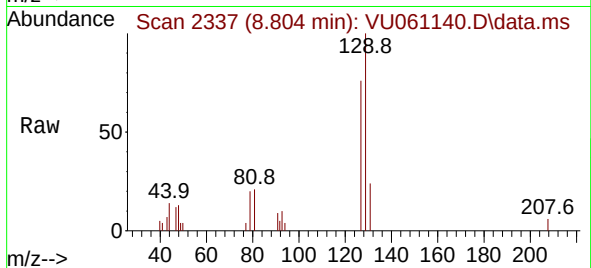
ClientSampleId :

Tgt Ion:129 Resp: 4975

Ion Ratio Lower Upper

129 100

127 76.0 61.9 92.9



#56

1,2-Dibromoethane

Concen: 0.434 ug/l

RT: 8.923 min Scan# 2374

Delta R.T. 0.006 min

Lab File: VU061140.D

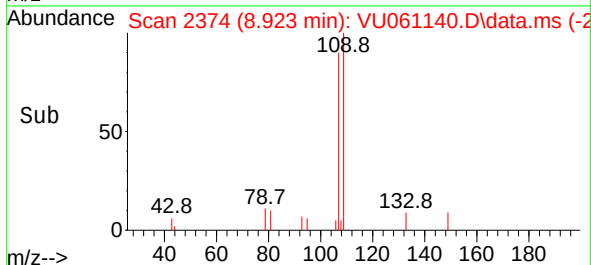
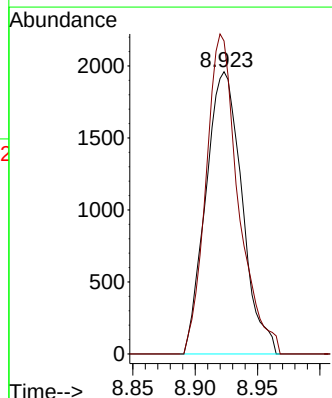
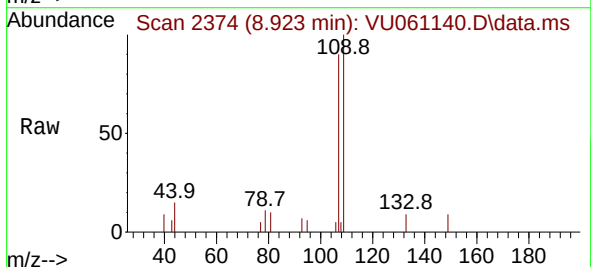
Acq: 17 Oct 2024 11:24

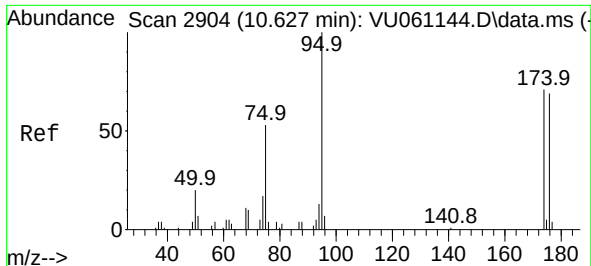
Tgt Ion:107 Resp: 3953

Ion Ratio Lower Upper

107 100

109 101.8 0.0 185.2





#57

4-Bromofluorobenzene

Concen: 0.943 ug/l

RT: 10.630 min Scan# 2905

Delta R.T. 0.003 min

Lab File: VU061140.D

Acq: 17 Oct 2024 11:24

Instrument :

MSVOA_U

ClientSampleId :

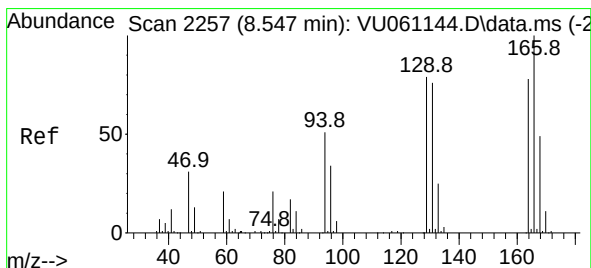
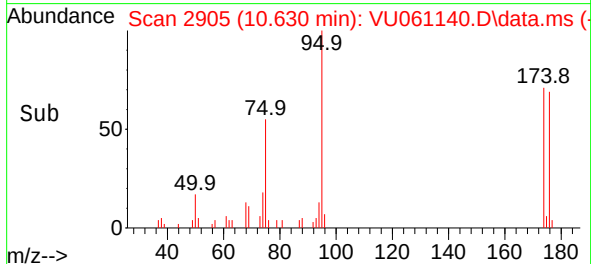
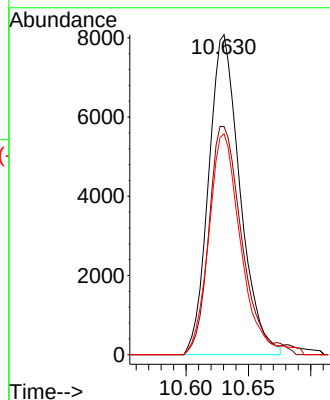
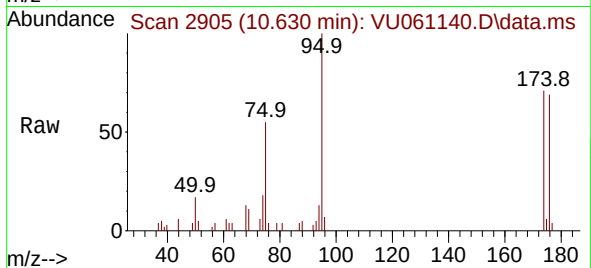
Tgt Ion: 95 Resp: 14166

Ion Ratio Lower Upper

95 100

174 74.9 55.4 83.0

176 70.8 54.4 81.6



#58

Tetrachloroethene

Concen: 0.453 ug/l

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

Lab File: VU061140.D

Acq: 17 Oct 2024 11:24

Tgt Ion:164 Resp: 5498

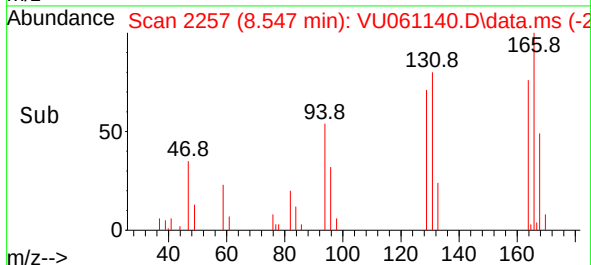
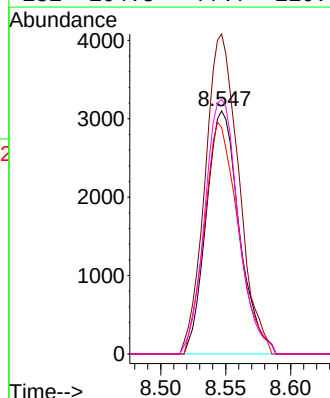
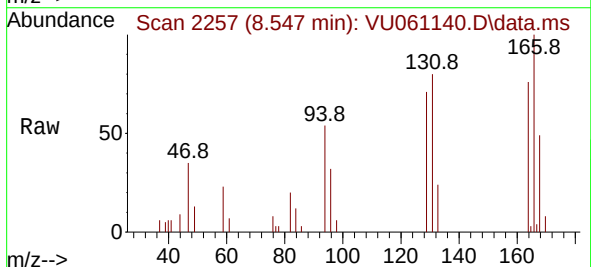
Ion Ratio Lower Upper

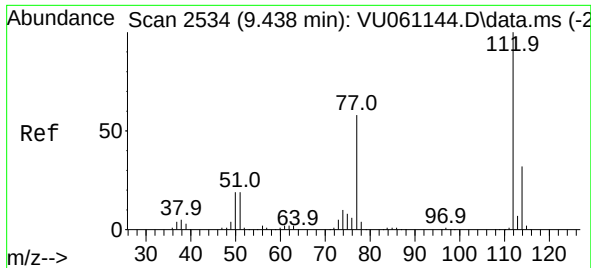
164 100

166 131.7 102.1 153.1

129 93.2 80.6 120.8

131 104.8 77.7 116.5





#59

Chlorobenzene

Concen: 0.472 ug/l

RT: 9.444 min Scan# 2536

Delta R.T. 0.006 min

Lab File: VU061140.D

Acq: 17 Oct 2024 11:24

Instrument :

MSVOA_U

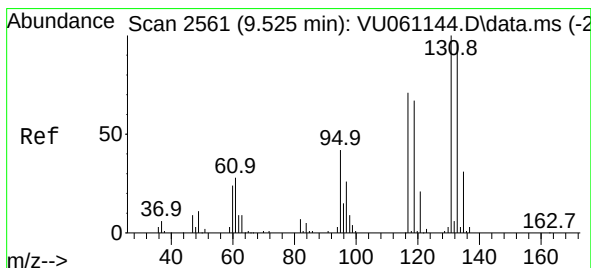
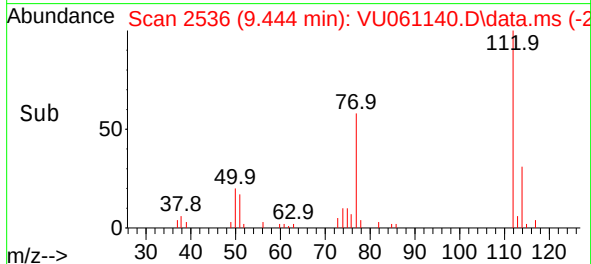
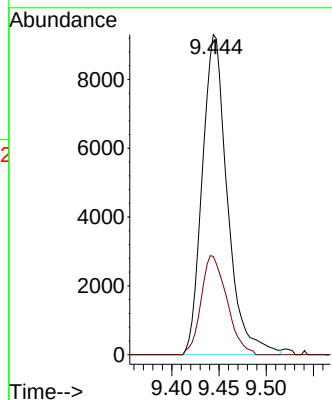
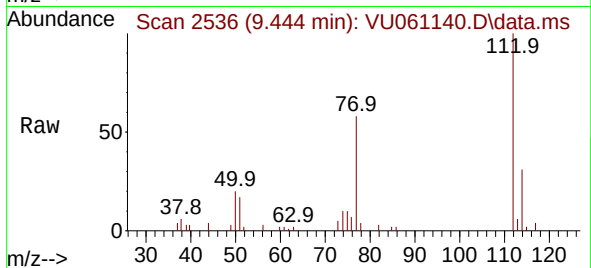
ClientSampleId :

Tgt Ion:112 Resp: 17219

Ion Ratio Lower Upper

112 100

114 30.7 25.4 38.2



#60

1,1,1,2-Tetrachloroethane

Concen: 0.442 ug/l

RT: 9.524 min Scan# 2561

Delta R.T. -0.000 min

Lab File: VU061140.D

Acq: 17 Oct 2024 11:24

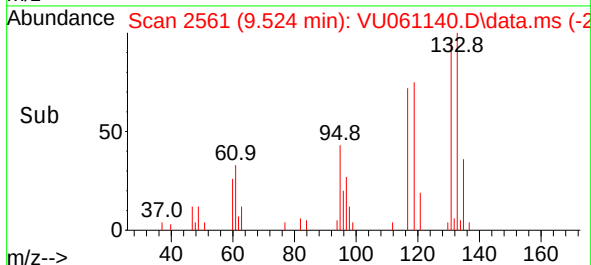
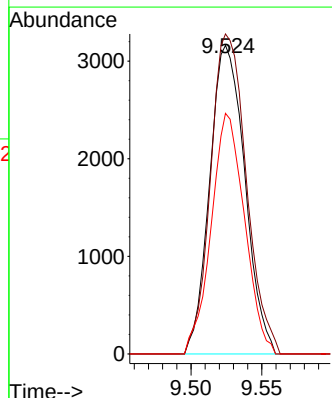
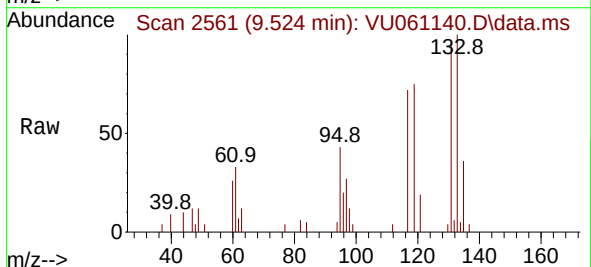
Tgt Ion:131 Resp: 5449

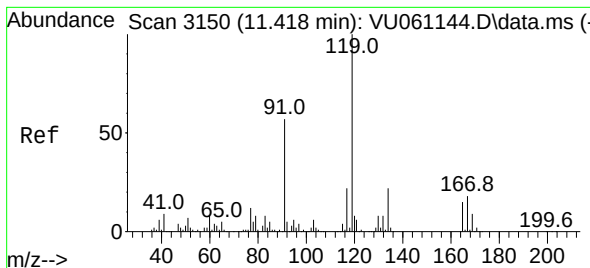
Ion Ratio Lower Upper

131 100

133 105.7 76.8 115.2

119 73.9 54.2 81.2





#61

Pentachloroethane

Concen: 0.414 ug/l

RT: 11.421 min Scan# 3151

Delta R.T. 0.003 min

Lab File: VU061140.D

Acq: 17 Oct 2024 11:24

Instrument :

MSVOA_U

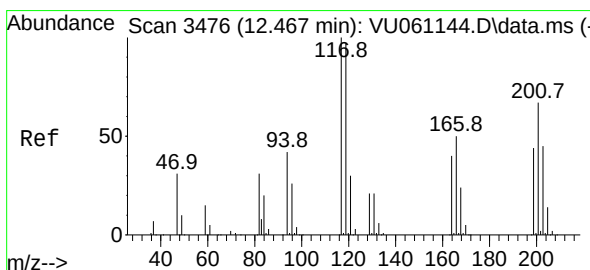
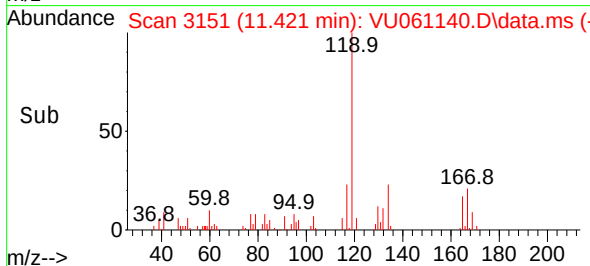
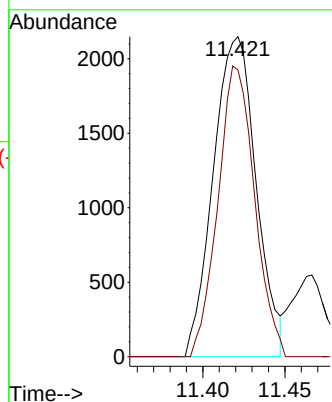
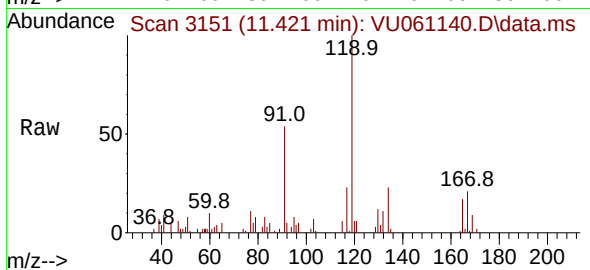
ClientSampleId :

Tgt Ion:117 Resp: 3899

Ion Ratio Lower Upper

117 100

167 77.7 63.4 95.2



#62

Hexachloroethane

Concen: 0.413 ug/l

RT: 12.466 min Scan# 3476

Delta R.T. -0.000 min

Lab File: VU061140.D

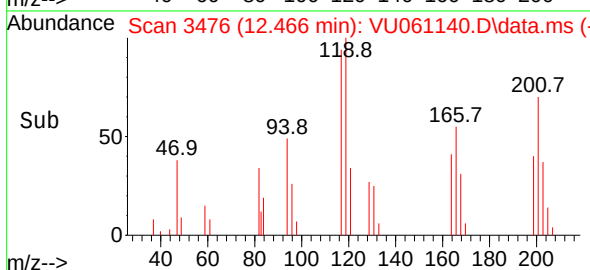
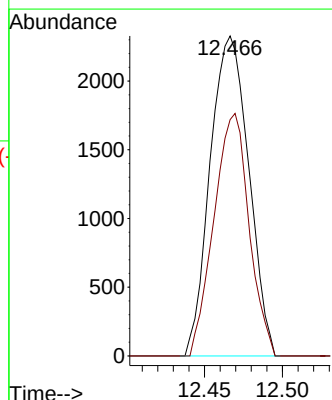
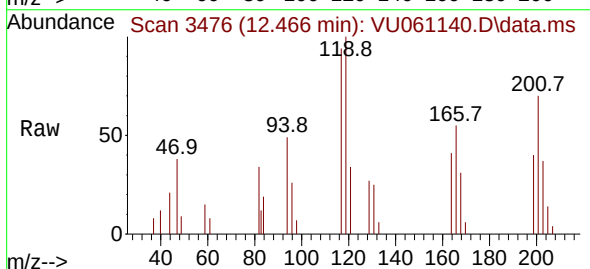
Acq: 17 Oct 2024 11:24

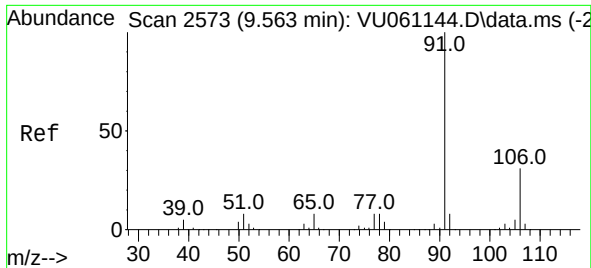
Tgt Ion:117 Resp: 4012

Ion Ratio Lower Upper

117 100

201 69.1 54.3 81.5

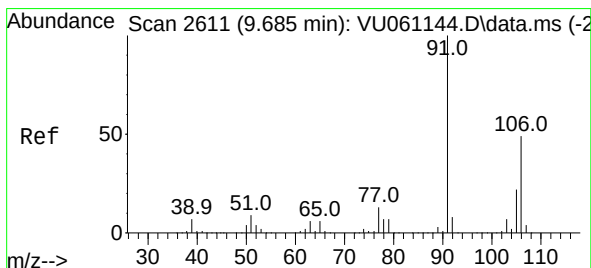
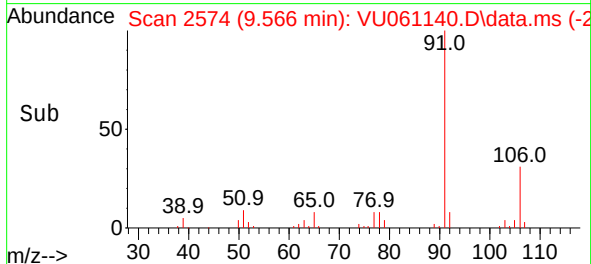
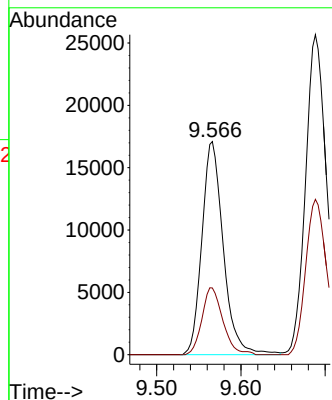
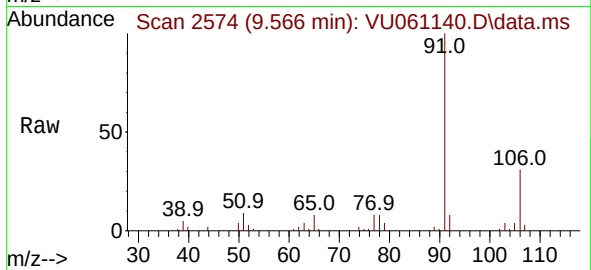




#63
Ethyl Benzene
Concen: 0.462 ug/l
RT: 9.566 min Scan# 2574
Delta R.T. 0.003 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

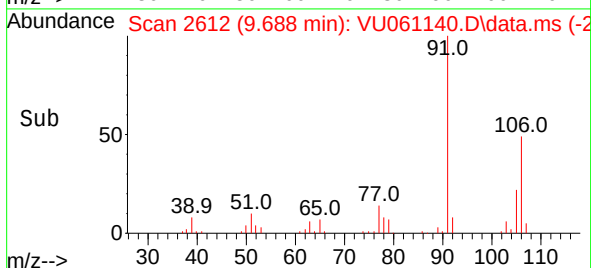
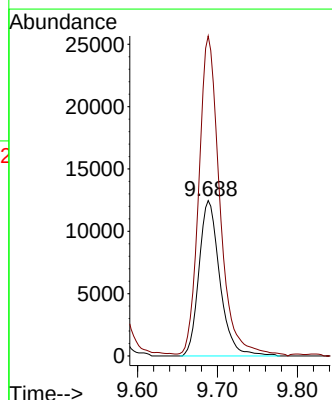
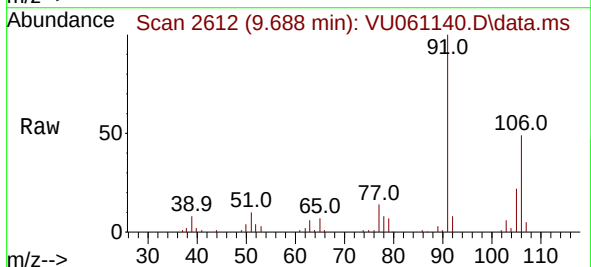
Instrument :
MSVOA_U
ClientSampleId :

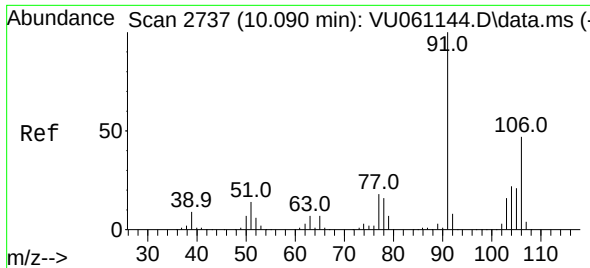
Tgt Ion: 91 Resp: 30250
Ion Ratio Lower Upper
91 100
106 31.3 24.6 37.0



#64
m/p-Xylenes
Concen: 0.910 ug/l
RT: 9.688 min Scan# 2612
Delta R.T. 0.003 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

Tgt Ion:106 Resp: 22661
Ion Ratio Lower Upper
106 100
91 208.0 163.3 244.9

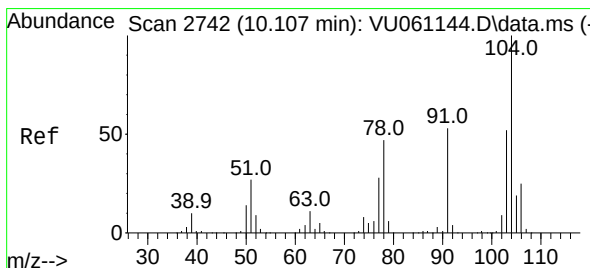
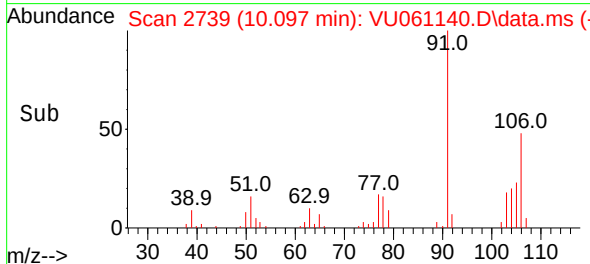
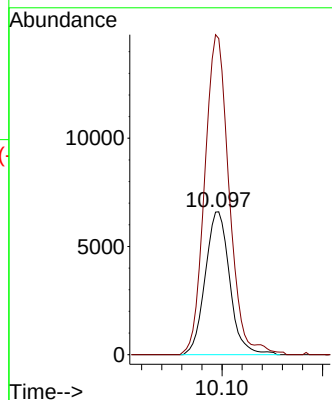
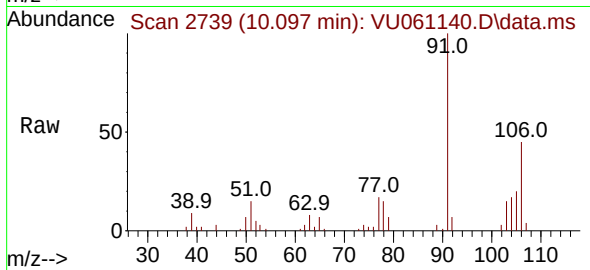




#65
o-Xylene
Concen: 0.455 ug/l
RT: 10.097 min Scan# 2737
Delta R.T. 0.006 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

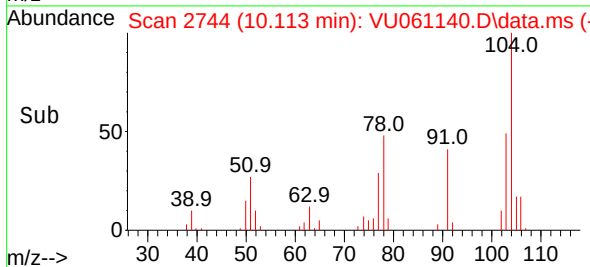
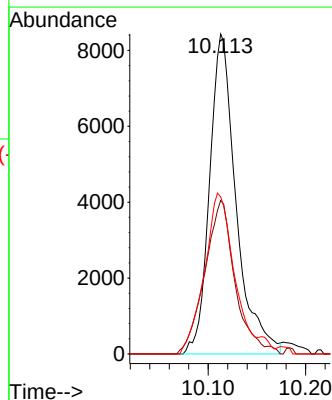
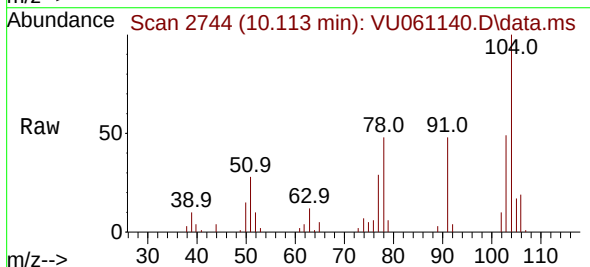
Instrument :
MSVOA_U
ClientSampleId :

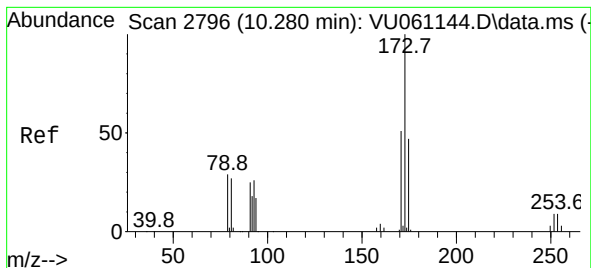
Tgt Ion:106 Resp: 11159
Ion Ratio Lower Upper
106 100
91 223.7 106.9 320.8



#66
Styrene
Concen: 0.419 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. 0.006 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

Tgt Ion:104 Resp: 15962
Ion Ratio Lower Upper
104 100
78 54.7 41.6 62.4
103 58.2 45.0 67.6





#67

Bromoform

Concen: 0.429 ug/l

RT: 10.286 min Scan# 21

Delta R.T. 0.006 min

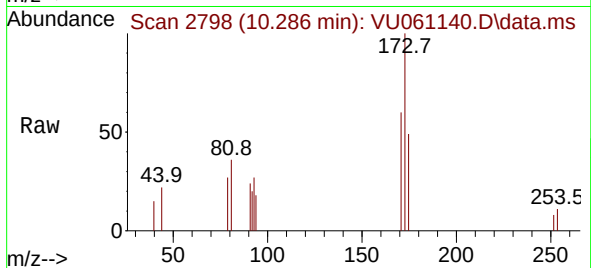
Lab File: VU061140.D

Acq: 17 Oct 2024 11:24

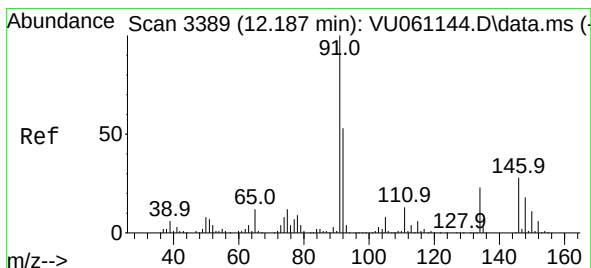
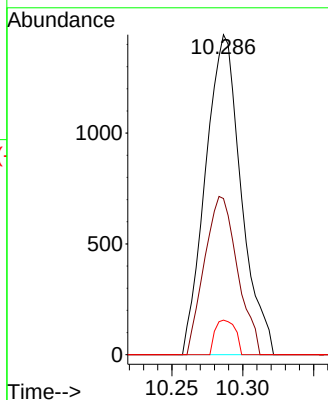
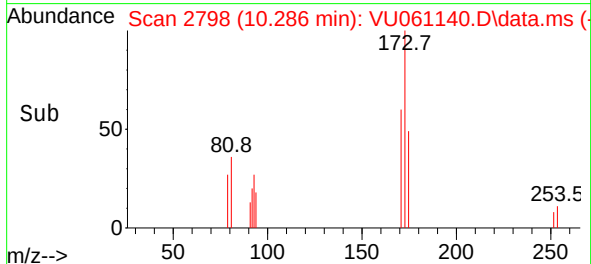
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	173	Resp:	2523
Ion Ratio	Lower	Upper	
173	100		
175	45.9	37.8	56.8
254	6.1	7.0	10.4#



#68

1,2-Dichlorobenzene-d4

Concen: 0.922 ug/l

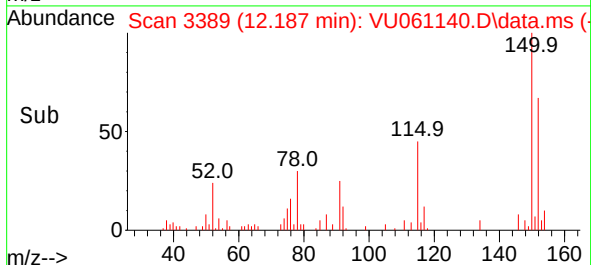
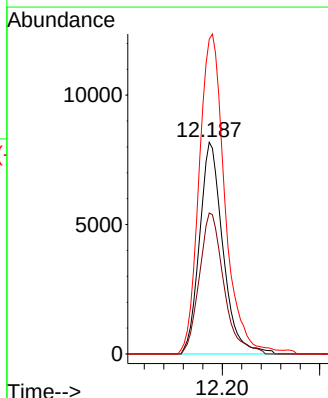
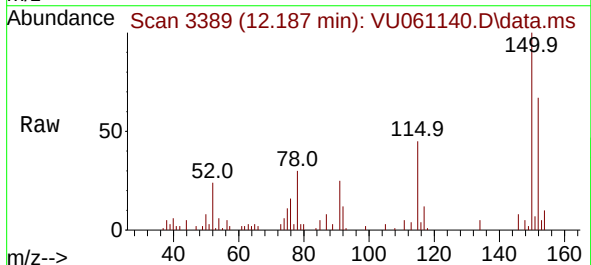
RT: 12.187 min Scan# 3389

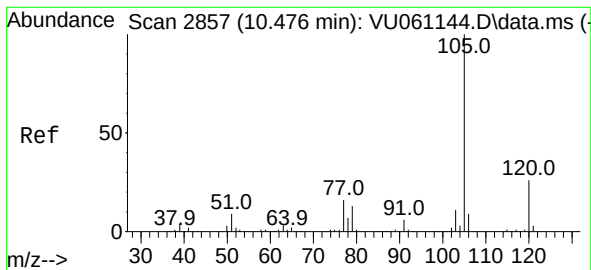
Delta R.T. -0.000 min

Lab File: VU061140.D

Acq: 17 Oct 2024 11:24

Tgt Ion:	152	Resp:	13646
Ion Ratio	Lower	Upper	
152	100		
115	69.6	0.0	275.0
150	166.1	0.0	668.8





#69

Isopropylbenzene

Concen: 0.462 ug/l

RT: 10.479 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU061140.D

Acq: 17 Oct 2024 11:24

Instrument :

MSVOA_U

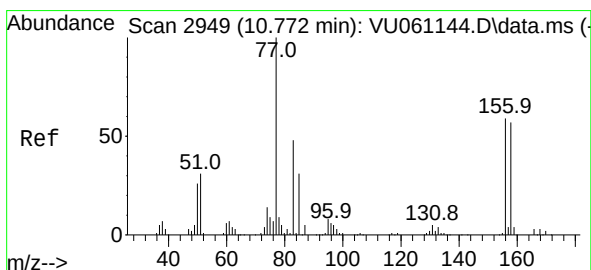
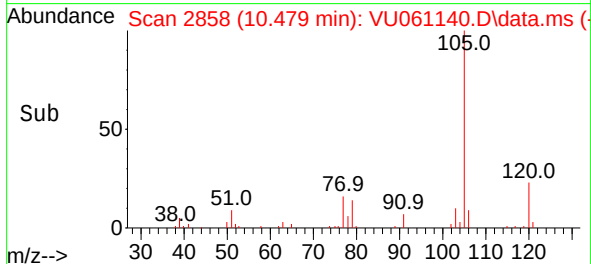
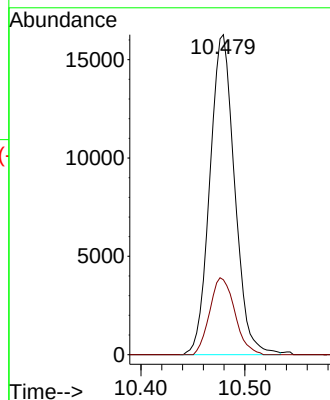
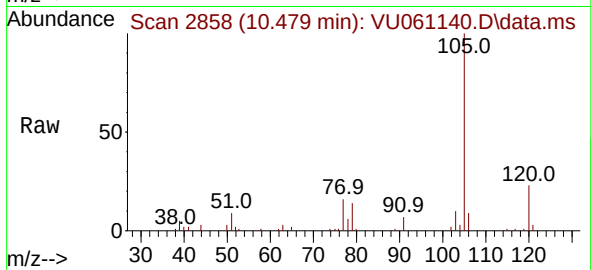
ClientSampleId :

Tgt Ion:105 Resp: 26955

Ion Ratio Lower Upper

105 100

120 24.4 13.1 39.1



#70

1,1,2,2-Tetrachloroethane

Concen: 0.470 ug/l

RT: 10.775 min Scan# 2950

Delta R.T. 0.003 min

Lab File: VU061140.D

Acq: 17 Oct 2024 11:24

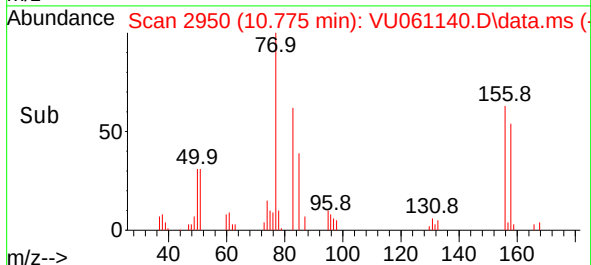
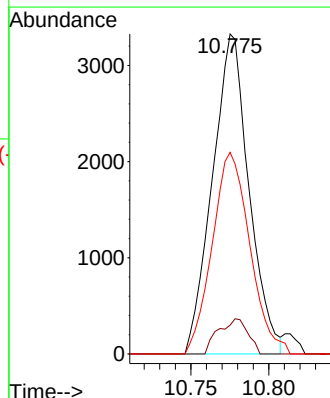
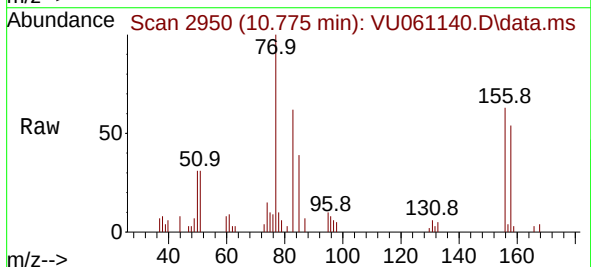
Tgt Ion: 83 Resp: 5423

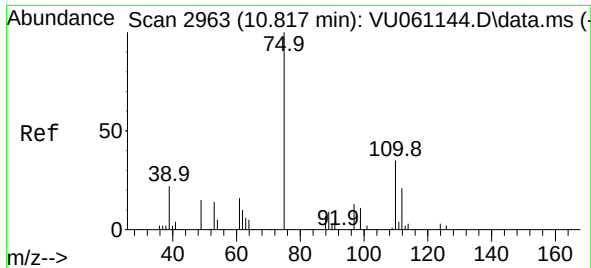
Ion Ratio Lower Upper

83 100

131 8.9 7.8 11.8

85 64.9 50.8 76.2

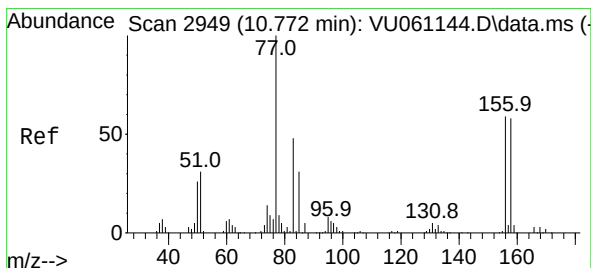
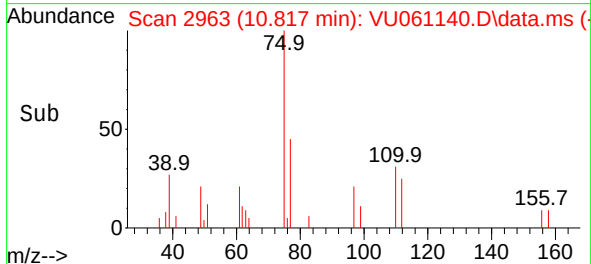
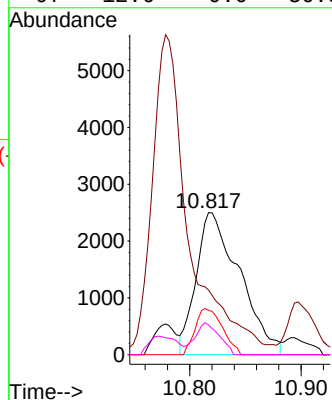
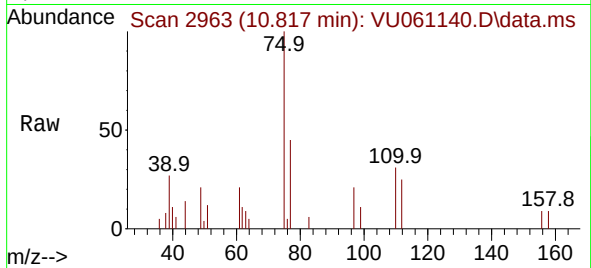




#71
1,2,3-Trichloropropane
Concen: 0.715 ug/l
RT: 10.817 min Scan# 2963
Delta R.T. -0.000 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

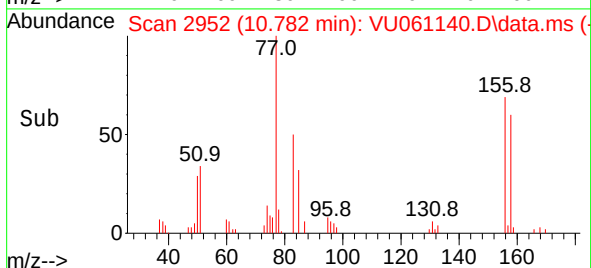
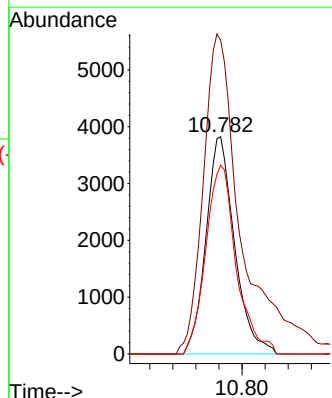
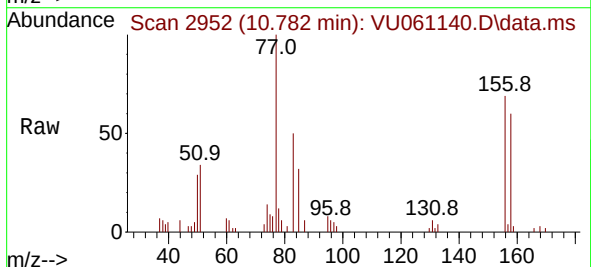
Instrument :
MSVOA_U
ClientSampleId :

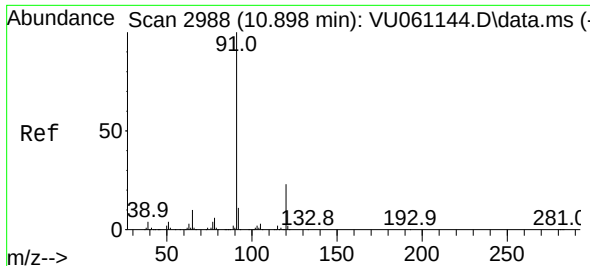
Tgt Ion: 75	Resp: 6776
Ion Ratio	Lower Upper
75 100	
77 0.0	0.0 0.0
110 20.3	0.0 68.6
97 12.6	0.0 36.8



#72
Bromobenzene
Concen: 0.468 ug/l
RT: 10.782 min Scan# 2952
Delta R.T. 0.009 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

Tgt	Ion:156	Resp:	6561
Ion	Ratio	Lower	Upper
156	100		
77	197.4	0.0	337.2
158	92.7	0.0	192.8

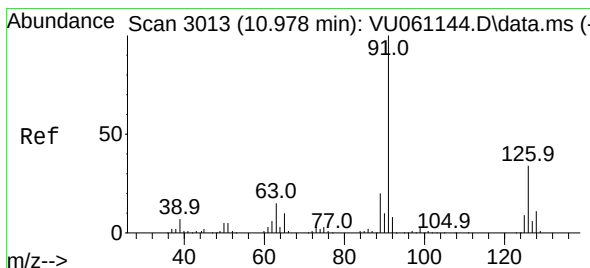
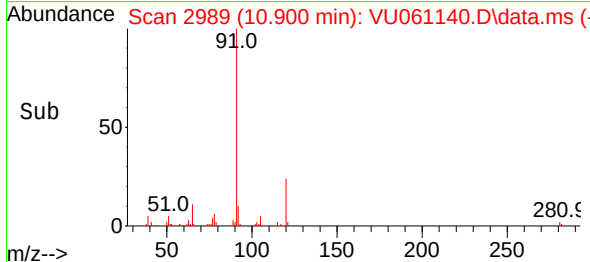
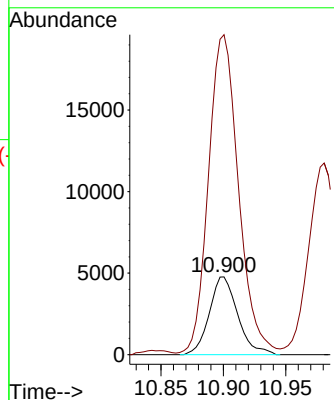
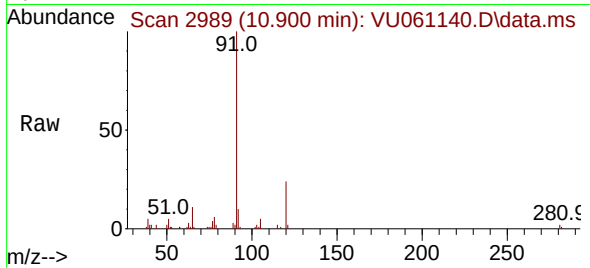




#73
n-propylbenzene
Concen: 0.444 ug/l
RT: 10.900 min Scan# 2988
Delta R.T. 0.003 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

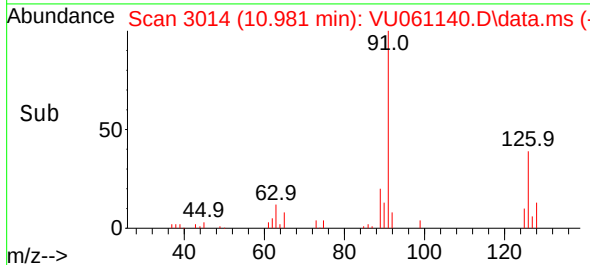
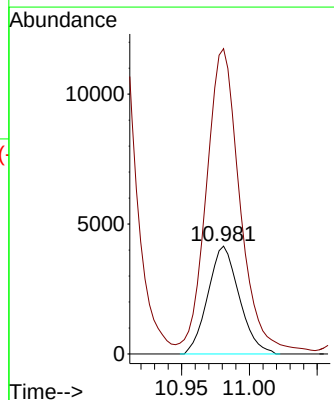
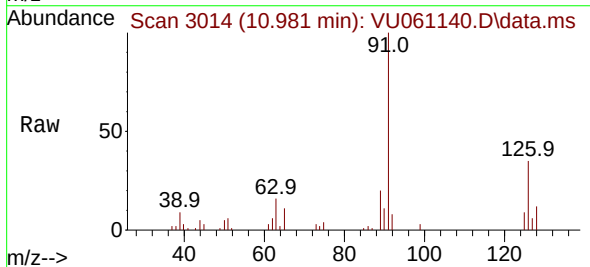
Instrument :
MSVOA_U
ClientSampleId :

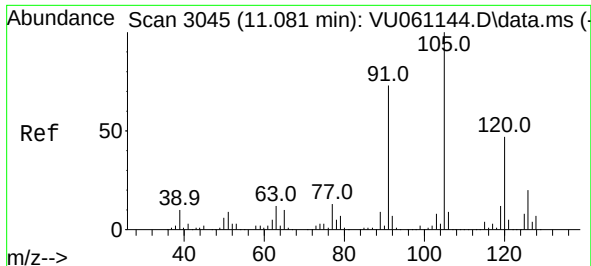
Tgt Ion:120 Resp: 7558
Ion Ratio Lower Upper
120 100
91 430.8 353.6 530.4



#74
2-Chlorotoluene
Concen: 0.453 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.003 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

Tgt Ion:126 Resp: 6665
Ion Ratio Lower Upper
126 100
91 295.8 0.0 595.2

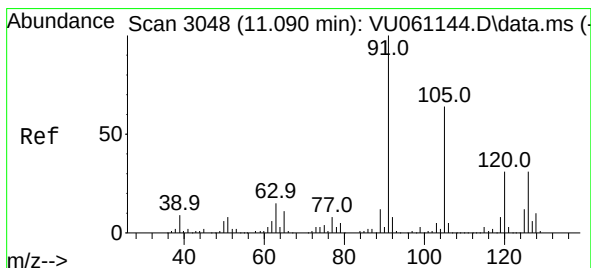
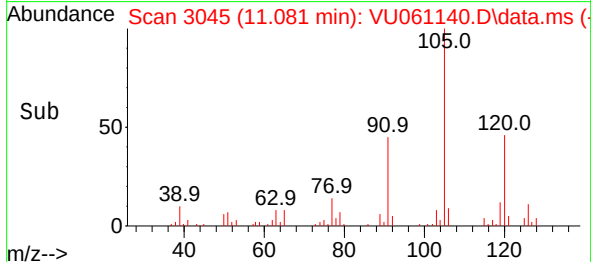
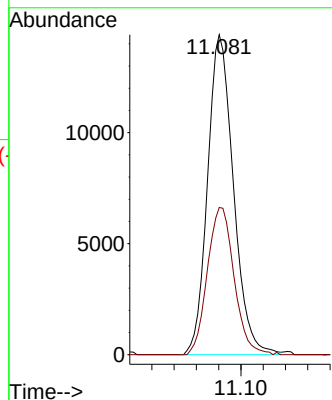
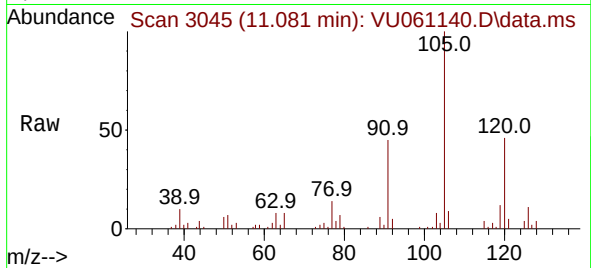




#75
1,3,5-Trimethylbenzene
Concen: 0.442 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

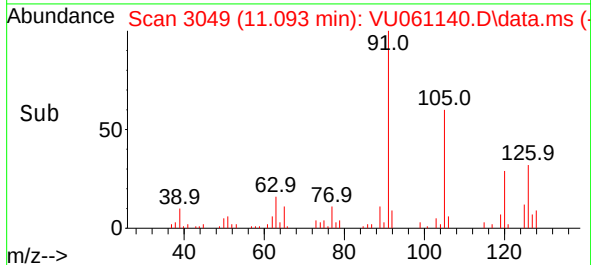
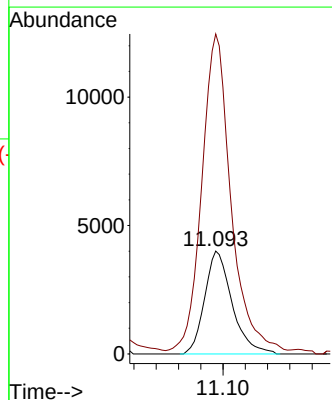
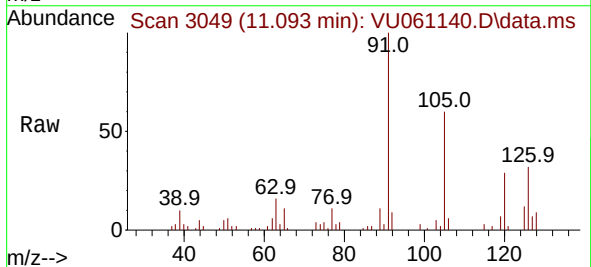
Instrument :
MSVOA_U
ClientSampleId :

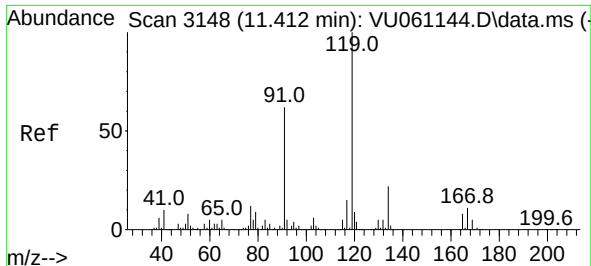
Tgt Ion:105 Resp: 23227
Ion Ratio Lower Upper
105 100
120 47.5 38.0 57.0



#76
4-Chlorotoluene
Concen: 0.458 ug/l
RT: 11.093 min Scan# 3049
Delta R.T. 0.003 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

Tgt Ion:126 Resp: 6847
Ion Ratio Lower Upper
126 100
91 323.2 0.0 678.2





#77

tert-Butylbenzene

Concen: 0.443 ug/l

RT: 11.412 min Scan# 3148

Delta R.T. -0.000 min

Lab File: VU061140.D

Acq: 17 Oct 2024 11:24

Instrument :

MSVOA_U

ClientSampleId :

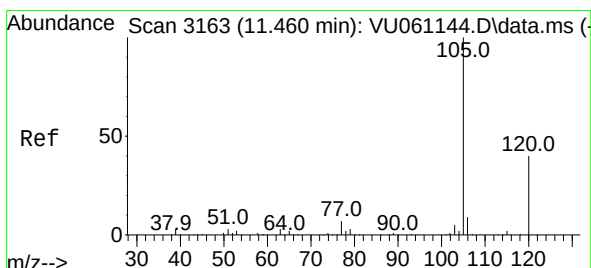
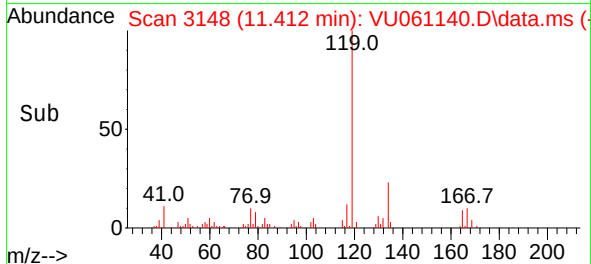
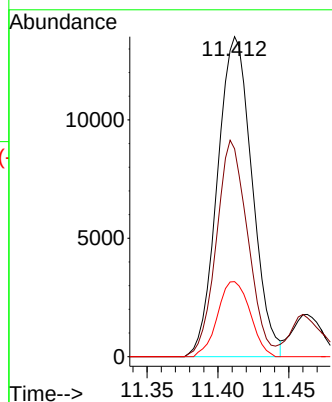
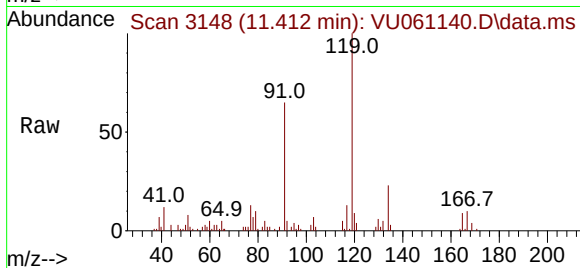
Tgt Ion:119 Resp: 23019

Ion Ratio Lower Upper

119 100

91 61.4 30.1 90.5

134 22.0 17.5 26.3



#78

1,2,4-Trimethylbenzene

Concen: 0.453 ug/l

RT: 11.463 min Scan# 3164

Delta R.T. 0.003 min

Lab File: VU061140.D

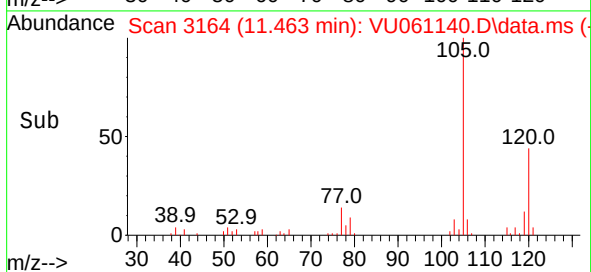
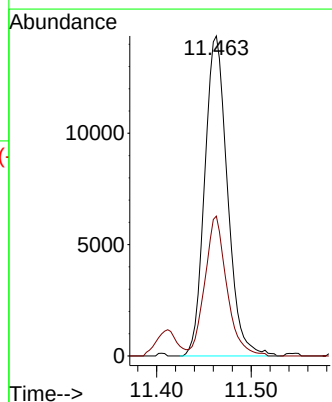
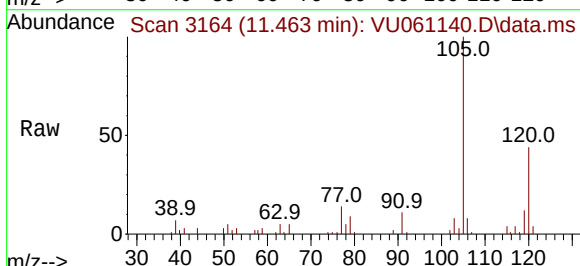
Acq: 17 Oct 2024 11:24

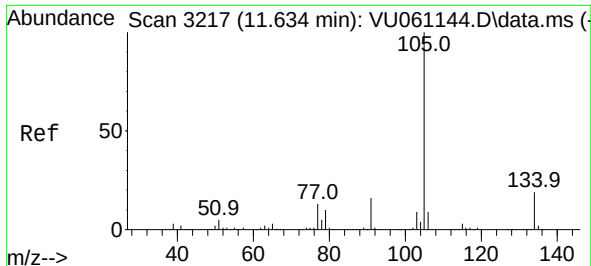
Tgt Ion:105 Resp: 24029

Ion Ratio Lower Upper

105 100

120 42.4 22.3 66.9





#79

sec-Butylbenzene

Concen: 0.439 ug/l

RT: 11.634 min Scan# 3217

Delta R.T. -0.000 min

Lab File: VU061140.D

Acq: 17 Oct 2024 11:24

Instrument :

MSVOA_U

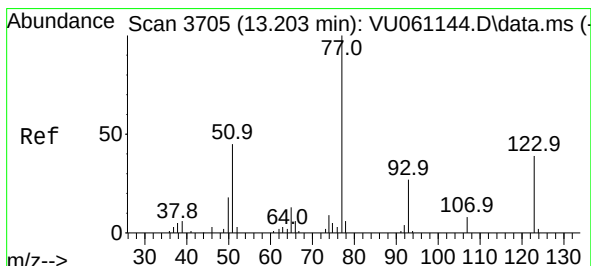
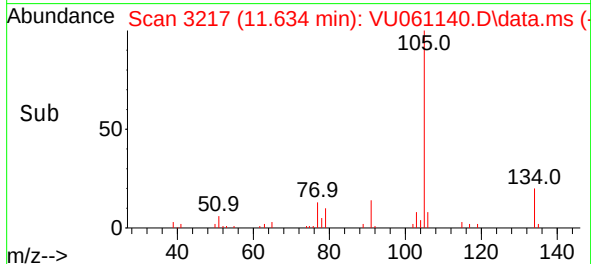
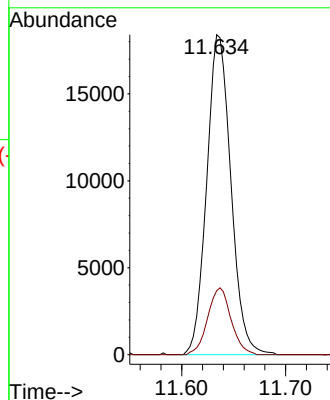
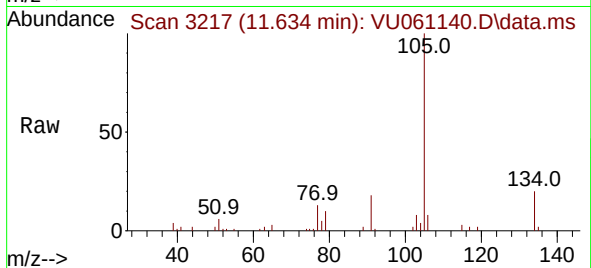
ClientSampleId :

Tgt Ion:105 Resp: 29744

Ion Ratio Lower Upper

105 100

134 20.2 15.5 23.3



#80

Nitrobenzene

Concen: 4.659 ug/l

RT: 13.244 min Scan# 3718

Delta R.T. 0.042 min

Lab File: VU061140.D

Acq: 17 Oct 2024 11:24

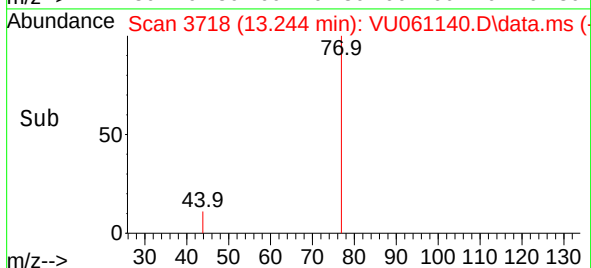
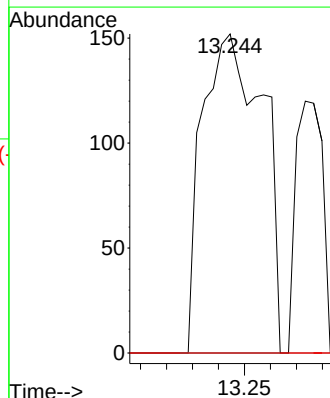
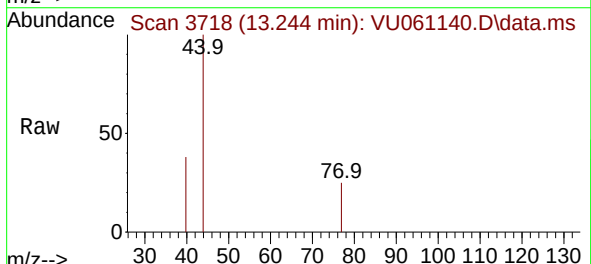
Tgt Ion: 77 Resp: 245

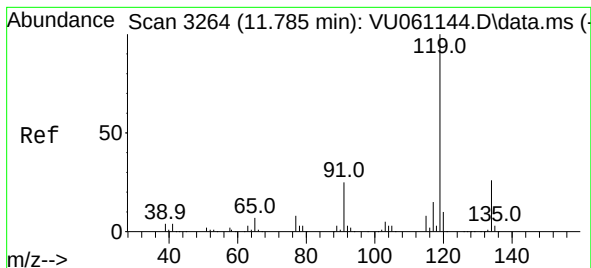
Ion Ratio Lower Upper

77 100

123 0.0 15.6 55.2#

65 0.0 10.7 13.7#





#81

p-Isopropyltoluene

Concen: 0.437 ug/l

RT: 11.785 min Scan# 3264

Delta R.T. -0.000 min

Lab File: VU061140.D

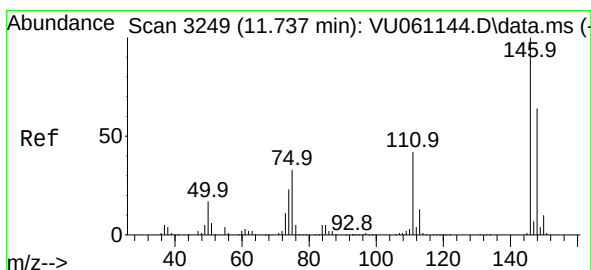
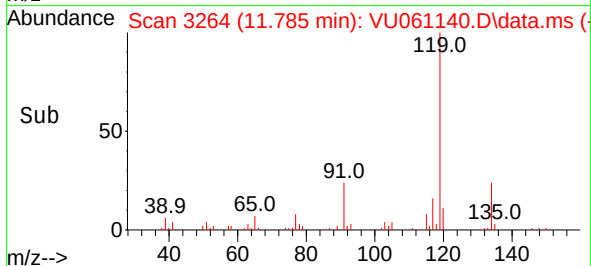
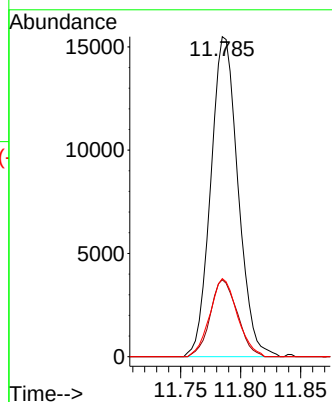
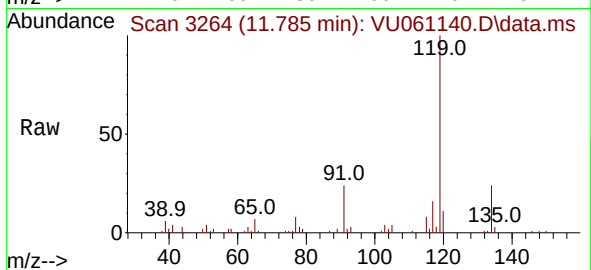
Acq: 17 Oct 2024 11:24

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	119	Resp:	24474
Ion	Ratio	Lower	Upper
119	100		
134	23.8	21.0	31.6
91	24.6	19.8	29.8



#82

1,3-Dichlorobenzene

Concen: 0.451 ug/l

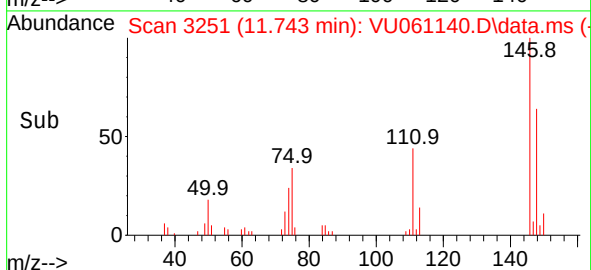
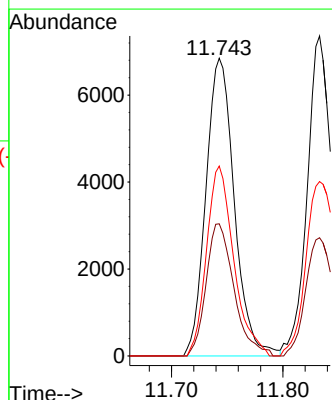
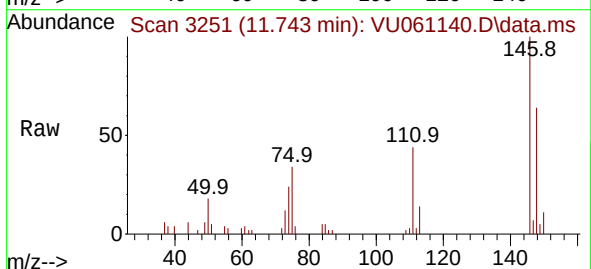
RT: 11.743 min Scan# 3251

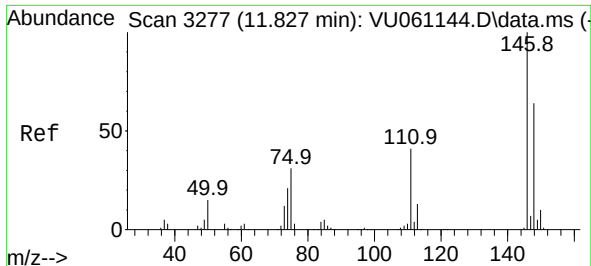
Delta R.T. 0.006 min

Lab File: VU061140.D

Acq: 17 Oct 2024 11:24

Tgt Ion:	146	Resp:	12130
Ion	Ratio	Lower	Upper
146	100		
111	43.6	34.1	51.1
148	61.2	51.2	76.8





#83

1,4-Dichlorobenzene

Concen: 0.444 ug/l

RT: 11.833 min Scan# 31

Delta R.T. 0.006 min

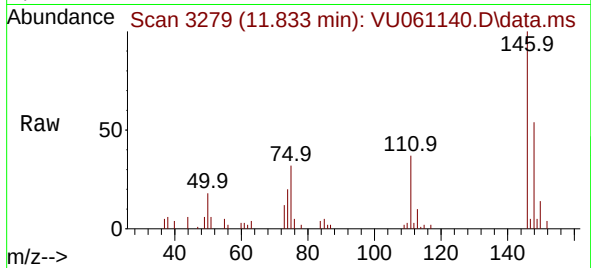
Lab File: VU061140.D

Acq: 17 Oct 2024 11:24

Instrument :

MSVOA_U

ClientSampleId :



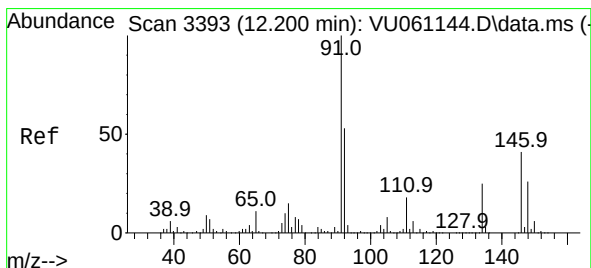
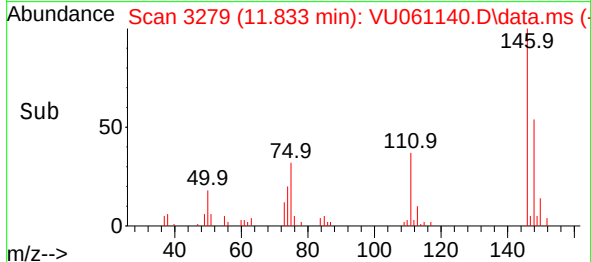
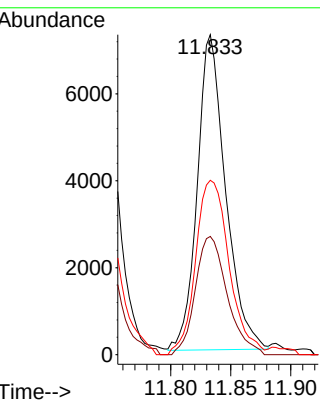
Tgt Ion:146 Resp: 11913

Ion Ratio Lower Upper

146 100

111 42.1 32.1 48.1

148 65.4 50.3 75.5



#84

n-Butylbenzene

Concen: 0.435 ug/l

RT: 12.203 min Scan# 3394

Delta R.T. 0.003 min

Lab File: VU061140.D

Acq: 17 Oct 2024 11:24

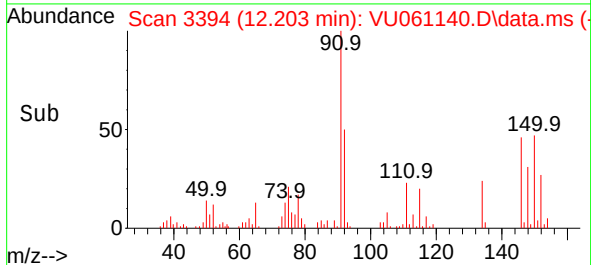
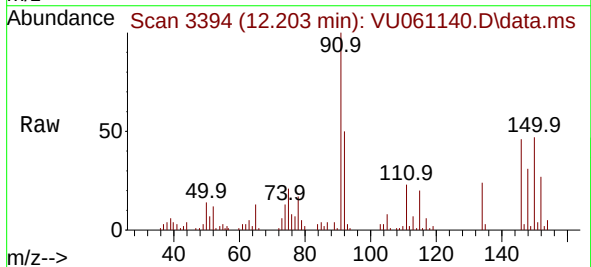
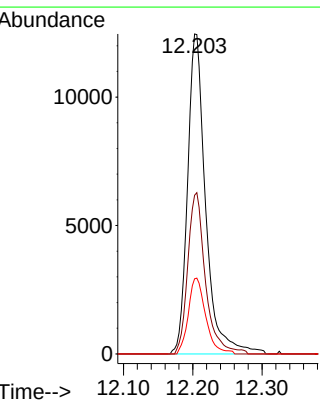
Tgt Ion: 91 Resp: 22595

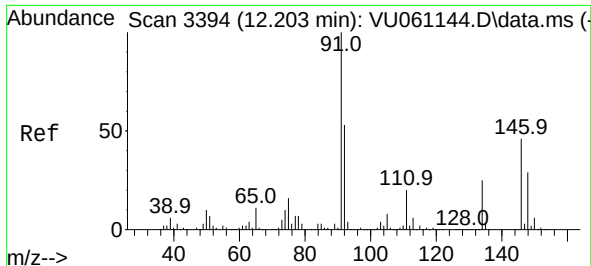
Ion Ratio Lower Upper

91 100

92 49.4 41.8 62.8

134 22.8 19.7 29.5





#85

1,2-Dichlorobenzene

Concen: 0.456 ug/l

RT: 12.209 min Scan# 3394

Delta R.T. 0.006 min

Lab File: VU061140.D

Acq: 17 Oct 2024 11:24

Instrument :

MSVOA_U

ClientSampleId :

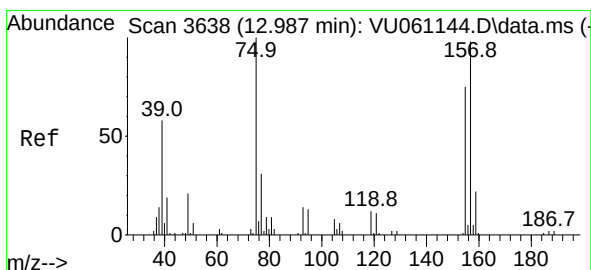
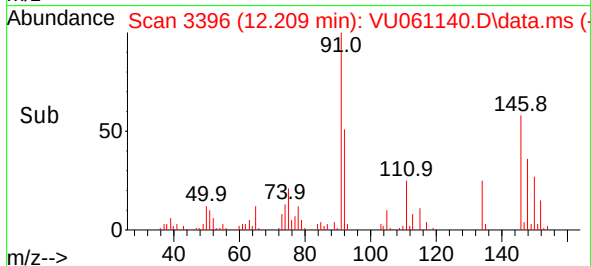
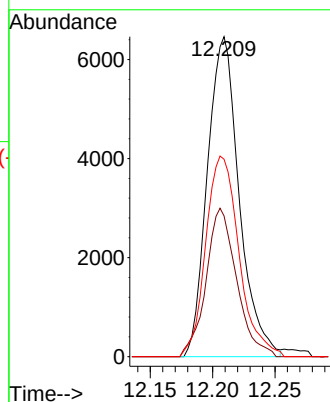
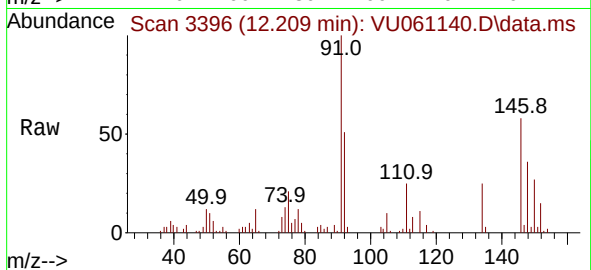
Tgt Ion:146 Resp: 11466

Ion Ratio Lower Upper

146 100

111 44.6 21.9 65.7

148 65.6 31.9 95.5



#86

1,2-Dibromo-3-Chloropropane

Concen: 0.383 ug/l

RT: 13.000 min Scan# 3642

Delta R.T. 0.013 min

Lab File: VU061140.D

Acq: 17 Oct 2024 11:24

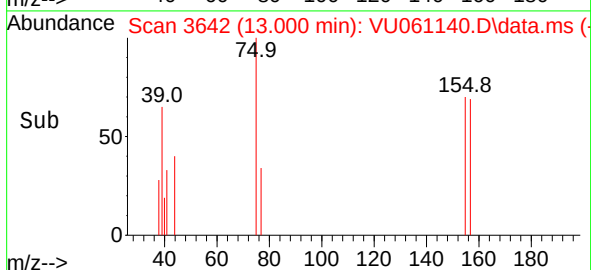
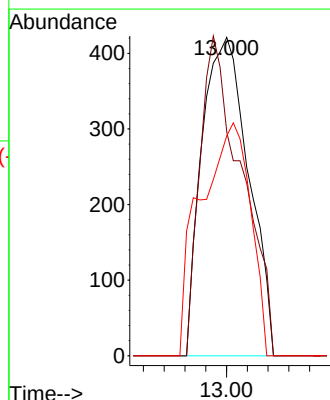
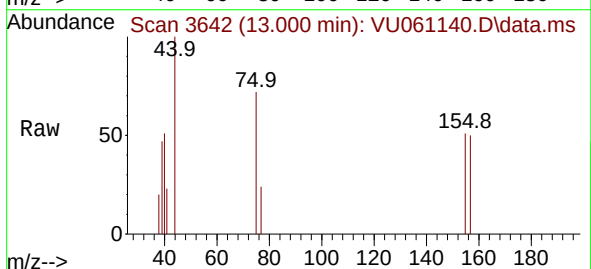
Tgt Ion: 75 Resp: 656

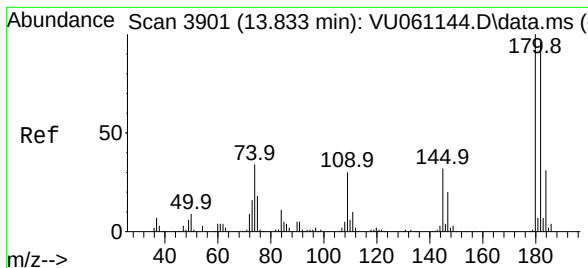
Ion Ratio Lower Upper

75 100

155 89.6 61.4 92.0

157 78.7 78.5 117.7





#87

1,2,4-Trichlorobenzene

Concen: 0.407 ug/l

RT: 13.842 min Scan# 3904

Delta R.T. 0.009 min

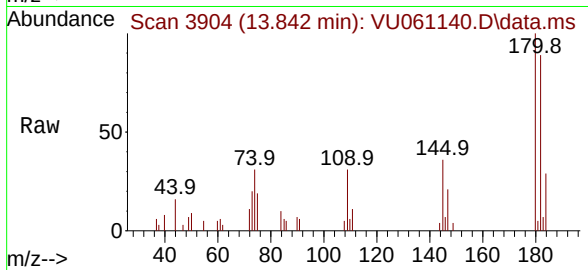
Lab File: VU061140.D

Acq: 17 Oct 2024 11:24

Instrument :

MSVOA_U

ClientSampleId :



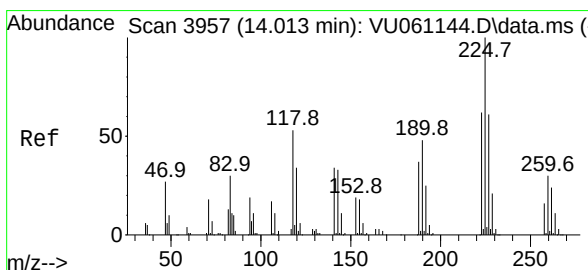
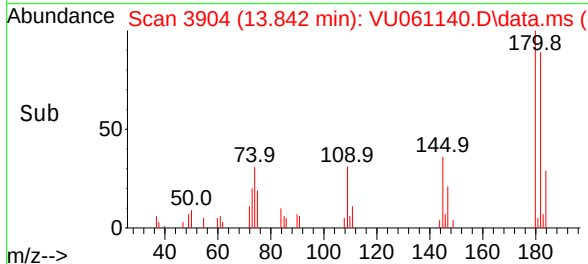
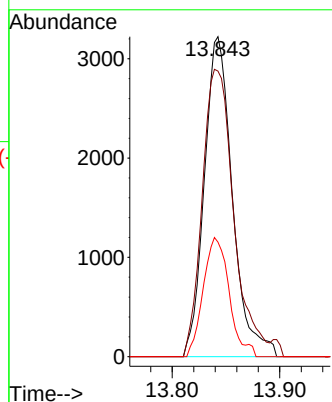
Tgt Ion:180 Resp: 5849

Ion Ratio Lower Upper

180 100

182 100.3 77.0 115.6

145 34.3 25.7 38.5



#88

Hexachlorobutadiene

Concen: 0.431 ug/l

RT: 14.013 min Scan# 3957

Delta R.T. -0.000 min

Lab File: VU061140.D

Acq: 17 Oct 2024 11:24

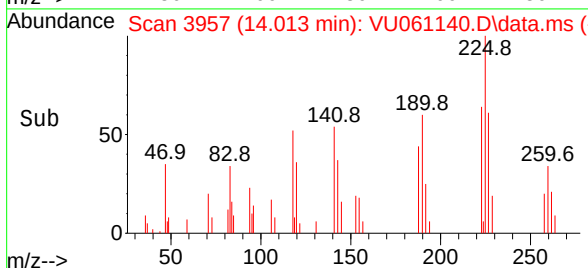
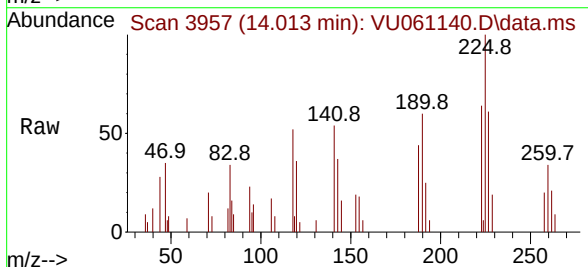
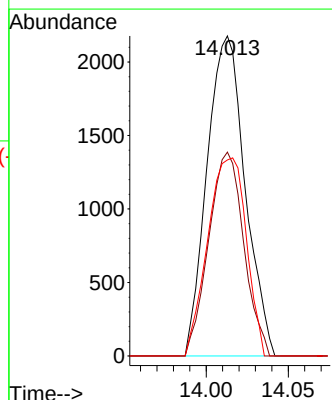
Tgt Ion:225 Resp: 3507

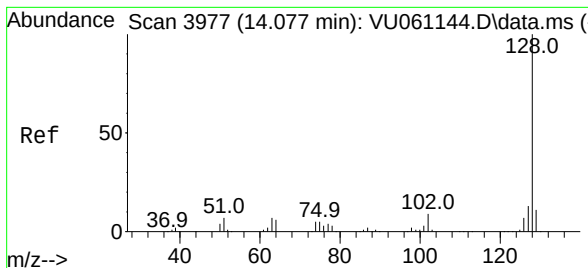
Ion Ratio Lower Upper

225 100

223 58.8 51.4 77.2

227 62.6 50.3 75.5





#89

Naphthalene

Concen: 0.449 ug/l

RT: 14.093 min Scan# 3977

Delta R.T. 0.016 min

Lab File: VU061140.D

Acq: 17 Oct 2024 11:24

Instrument :

MSVOA_U

ClientSampleId :

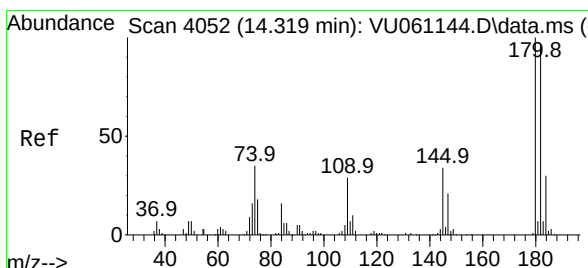
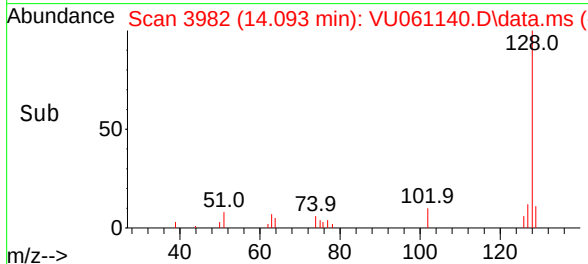
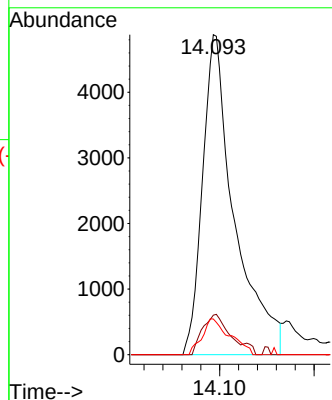
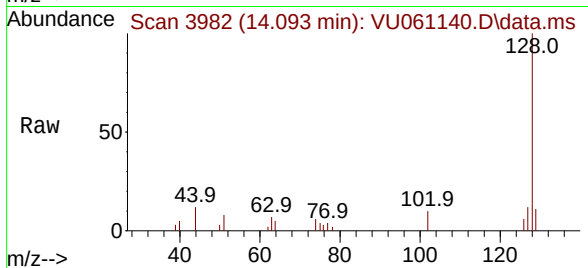
Tgt Ion:128 Resp: 11394

Ion Ratio Lower Upper

128 100

127 10.2 10.6 16.0#

129 9.8 8.7 13.1



#90

1,2,3-Trichlorobenzene

Concen: 0.417 ug/l

RT: 14.325 min Scan# 4054

Delta R.T. 0.006 min

Lab File: VU061140.D

Acq: 17 Oct 2024 11:24

Tgt Ion:180 Resp: 5393

Ion Ratio Lower Upper

180 100

182 101.2 76.2 114.4

145 35.3 26.8 40.2

