

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101724\
 Data File : VU061148.D
 Acq On : 17 Oct 2024 17:29
 Operator : MD/SY
 Sample : VU1017WBS01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 18 04:09:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101724DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Oct 18 02:52:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.110	96	27756	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	14272	0.968	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	14018	0.965	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	31266	2.045	ug/l	98
3) Chloromethane	1.515	50	30784	2.117	ug/l	99
4) Vinyl Chloride	1.599	62	30386	2.034	ug/l	99
5) Bromomethane	1.853	94	18969	2.021	ug/l	99
6) Chloroethane	1.930	64	20733	2.071	ug/l	98
7) Trichlorofluoromethane	2.132	101	42208	1.986	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.573	101	21656	2.050	ug/l	99
9) 1,1-Dichloroethene	2.573	96	22976	2.086	ug/l	98
10) Iodomethane	2.714	142	25275	2.272	ug/l	99
11) Allyl Chloride	2.917	41	28720	2.025	ug/l	99
12) Acrylonitrile	3.335	53	7929	3.580	ug/l	96
13) Acetone	2.650	43	31144	10.781	ug/l	100
14) Carbon Disulfide	2.785	76	74809	1.972	ug/l	98
15) Methylene Chloride	3.039	84	36933	2.591	ug/l	99
16) trans-1,2-Dichloroethene	3.345	96	25484	1.973	ug/l	92
17) 1,1-Dichloroethane	3.859	63	46120	2.014	ug/l	99
18) 2-Butanone	4.718	43	37918	10.720	ug/l	99
19) Cyclohexane	5.380	56	37298	1.818	ug/l	92
20) Methylcyclohexane	6.753	83	44498	1.946	ug/l	96
21) 2,2-Dichloropropane	4.653	77	40464	1.916	ug/l	99
22) cis-1,2-Dichloroethene	4.660	96	27926	1.985	ug/l	98
23) Diethyl Ether	2.370	59	17501	2.045	ug/l	97
24) tert-Butyl Alcohol	3.242	59	3249	3.639	ug/l	# 1
25) Methyl tert-Butyl Ether	3.354	73	59599	2.020	ug/l	100
26) Bromochloromethane	4.965	128	11737	1.995	ug/l	96
27) Chloroform	5.078	83	48491	2.019	ug/l	98
28) 1,1,1-Trichloroethane	5.306	97	43157	2.038	ug/l	99
29) 1,1-Dichloropropene	5.521	75	37680	2.013	ug/l	99
30) Carbon Tetrachloride	5.515	117	36773	2.002	ug/l	99
31) Isopropyl Ether	3.981	45	66395	2.032	ug/l	99
32) Ethyl-t-butyl ether	4.493	59	67869	2.021	ug/l	99
33) Tert-Amyl methyl ether	5.930	73	60908	2.015	ug/l	98
34) Propionitrile	4.804	54	9013	10.681	ug/l	# 92
35) Benzene	5.766	78	107345	2.037	ug/l	99
36) 1,2-Dichloroethane	5.788	62	31317	2.105	ug/l	99
37) Trichloroethene	6.537	130	28369	2.017	ug/l	99
38) 1,2-Dichloropropane	6.785	63	27670	2.073	ug/l	97
39) Methacrylonitrile	4.975	41	6047	1.990	ug/l	# 94
40) Methyl acrylate	4.865	55	9536	1.547	ug/l	96
41) Tetrahydrofuran	5.065	42	7637	4.184	ug/l	93
42) 1-Chlorobutane	5.451	56	47278	1.969	ug/l	98
43) Dibromomethane	6.914	93	14178	2.049	ug/l	99
44) Bromodichloromethane	7.097	83	33007	1.962	ug/l	98

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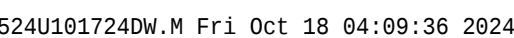
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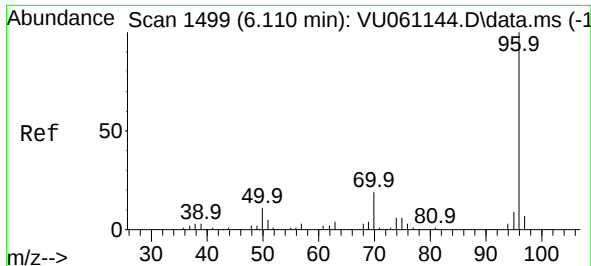
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Oct 18 02:52:28 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.785	43	67069	9.656	ug/l	99
46) t-1,4-Dichloro-2-butene	10.817	75	29406	10.617	ug/l #	47
47) Methyl methacrylate	6.959	69	24572	4.086	ug/l	98
48) Ethyl methacrylate	8.328	69	25943	2.023	ug/l	97
49) Toluene	7.962	92	67595	2.031	ug/l	100
50) t-1,3-Dichloropropene	8.206	75	32376	1.996	ug/l	97
51) cis-1,3-Dichloropropene	7.602	75	39296	1.974	ug/l	97
52) 1,1,2-Trichloroethane	8.393	97	18512	1.984	ug/l	98
53) 1,3-Dichloropropane	8.566	76	33354	2.035	ug/l	99
54) 2-Hexanone	8.682	43	56140	9.839	ug/l	98
55) Dibromochloromethane	8.801	129	22209	2.016	ug/l	99
56) 1,2-Dibromoethane	8.917	107	18069	2.018	ug/l	98
58) Tetrachloroethene	8.547	164	25453	2.135	ug/l	95
59) Chlorobenzene	9.441	112	70974	1.980	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.524	131	24333	2.012	ug/l	97
61) Pentachloroethane	11.418	117	16466	1.779	ug/l	98
62) Hexachloroethane	12.466	117	17533	1.838	ug/l	100
63) Ethyl Benzene	9.563	91	126953	1.976	ug/l	99
64) m/p-Xylenes	9.685	106	96258	3.938	ug/l	99
65) o-Xylene	10.094	106	48017	1.994	ug/l	98
66) Styrene	10.110	104	73009	1.950	ug/l	99
67) Bromoform	10.283	173	11071	1.919	ug/l	98
69) Isopropylbenzene	10.476	105	111500	1.947	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.772	83	22580	1.992	ug/l	99
71) 1,2,3-Trichloropropane	10.817	75	29406	3.186	ug/l #	78
72) Bromobenzene	10.778	156	26350	1.913	ug/l	80
73) n-propylbenzene	10.897	120	32314	1.933	ug/l	99
74) 2-Chlorotoluene	10.981	126	28851	1.996	ug/l	99
75) 1,3,5-Trimethylbenzene	11.081	105	101531	1.966	ug/l	100
76) 4-Chlorotoluene	11.090	126	28872	1.965	ug/l	98
77) tert-Butylbenzene	11.412	119	98856	1.937	ug/l	97
78) 1,2,4-Trimethylbenzene	11.460	105	100519	1.928	ug/l	99
79) sec-Butylbenzene	11.634	105	129850	1.953	ug/l	99
80) Nitrobenzene	13.229	77	1809	9.606	ug/l #	71
81) p-Isopropyltoluene	11.785	119	105369	1.914	ug/l	99
82) 1,3-Dichlorobenzene	11.740	146	51826	1.961	ug/l	99
83) 1,4-Dichlorobenzene	11.830	146	50087	1.901	ug/l	99
84) n-Butylbenzene	12.200	91	95404	1.868	ug/l	99
85) 1,2-Dichlorobenzene	12.206	146	47827	1.936	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.997	75	3527	2.097	ug/l	92
87) 1,2,4-Trichlorobenzene	13.836	180	26934	1.906	ug/l	97
88) Hexachlorobutadiene	14.013	225	15633	1.957	ug/l	98
89) Naphthalene	14.084	128	46105	1.849	ug/l	98
90) 1,2,3-Trichlorobenzene	14.325	180	24318	1.916	ug/l	98

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

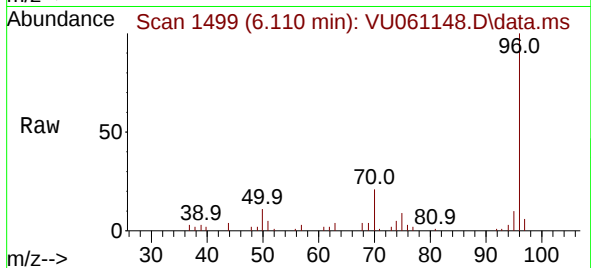
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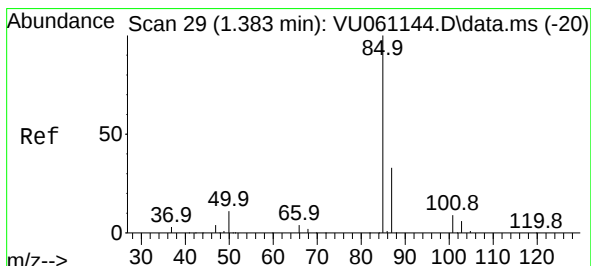
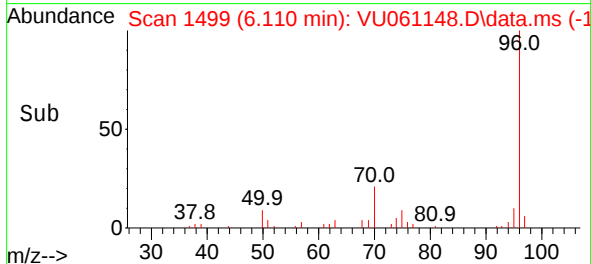
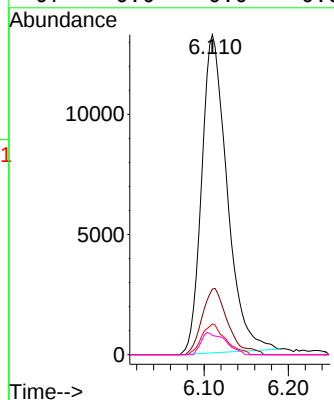


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VU061148.D
Acq: 17 Oct 2024 17:29

Instrument :
MSVOA_U
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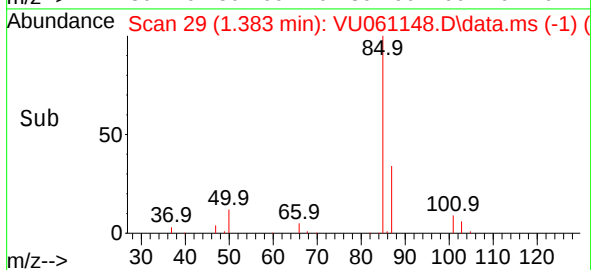
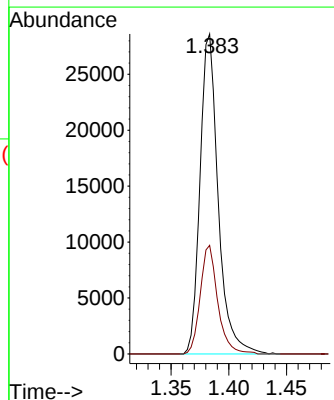
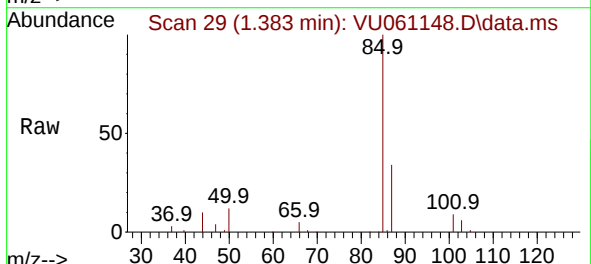


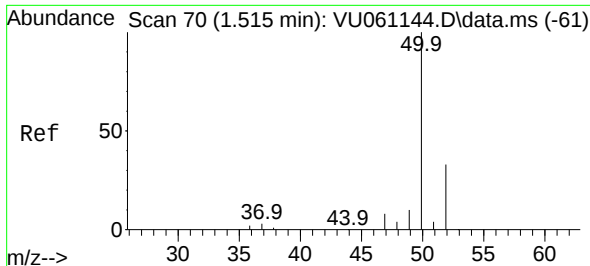
Tgt Ion: 96	Resp: 27756
Ion Ratio	Lower Upper
96 100	
70 21.0	16.1 24.1
95 9.0	0.0 0.0#
97 6.6	0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 2.045 ug/l
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU061148.D
Acq: 17 Oct 2024 17:29

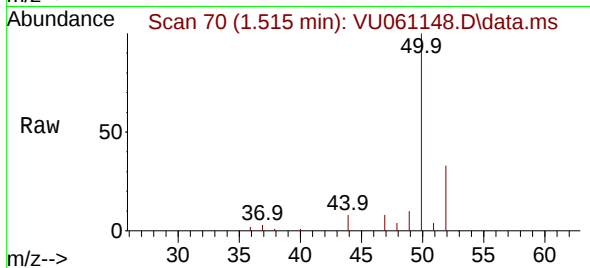
Tgt Ion: 85	Resp: 31266
Ion Ratio	Lower Upper
85 100	
87 33.9	16.3 48.9



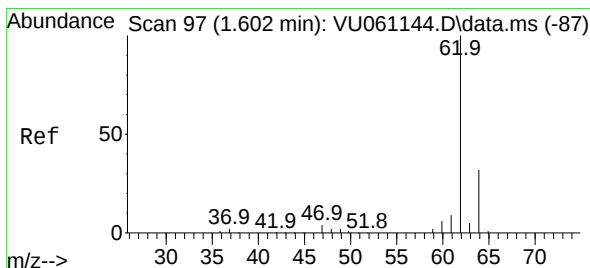
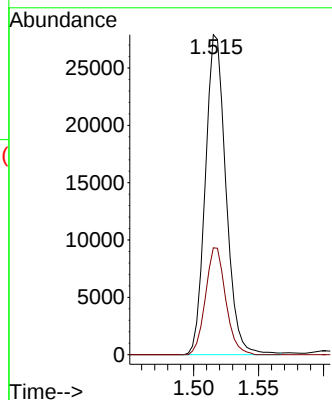
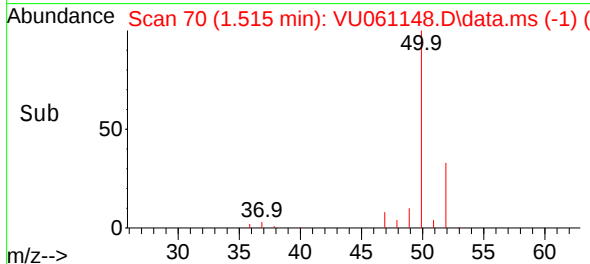


#3
Chloromethane
Concen: 2.117 ug/l
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU061148.D
Acq: 17 Oct 2024 17:29

Instrument :
MSVOA_U
ClientSampleId :

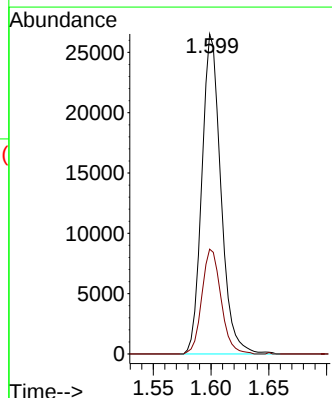
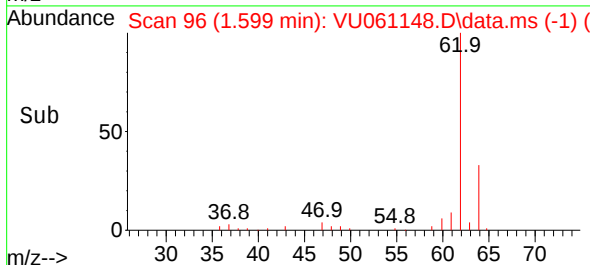
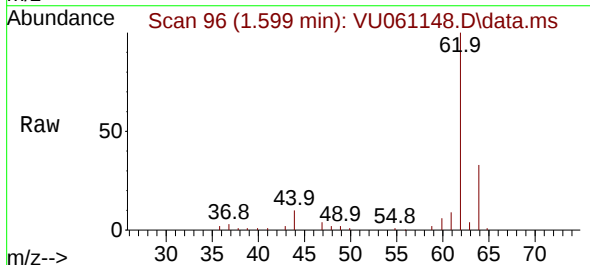


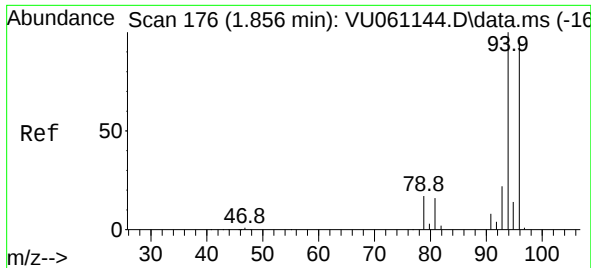
Tgt Ion: 50 Resp: 30784
Ion Ratio Lower Upper
50 100
52 33.4 26.2 39.2



#4
Vinyl Chloride
Concen: 2.034 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.003 min
Lab File: VU061148.D
Acq: 17 Oct 2024 17:29

Tgt Ion: 62 Resp: 30386
Ion Ratio Lower Upper
62 100
64 32.8 25.9 38.9

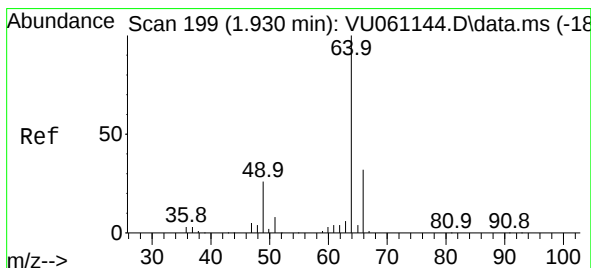
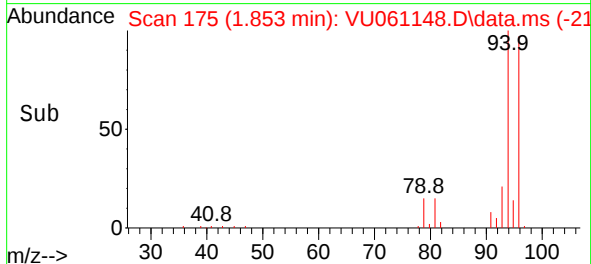
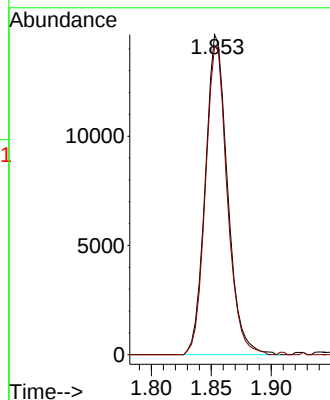
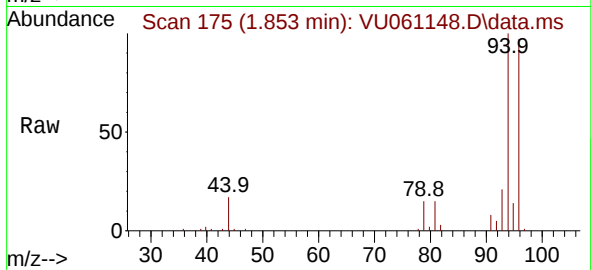




#5
Bromomethane
Concen: 2.021 ug/l
RT: 1.853 min Scan# 176
Delta R.T. -0.003 min
Lab File: VU061148.D
Acq: 17 Oct 2024 17:29

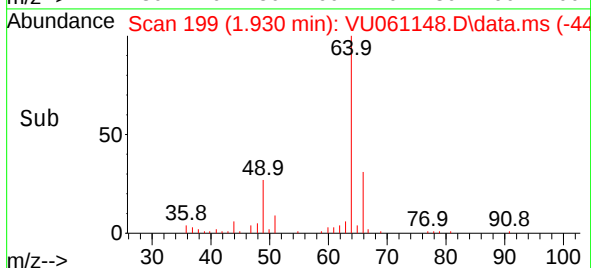
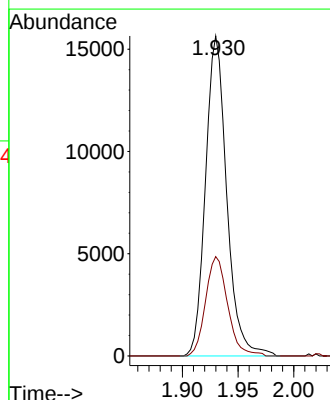
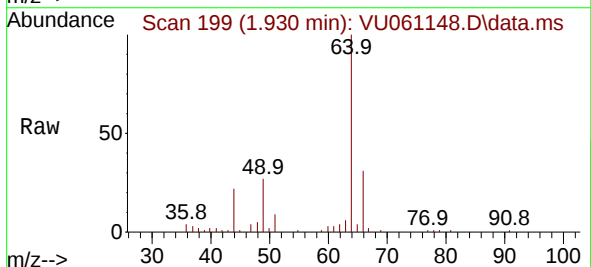
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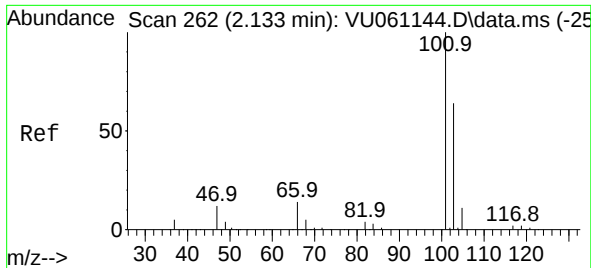
Tgt Ion: 94 Resp: 18969
Ion Ratio Lower Upper
94 100
96 96.5 76.5 114.7



#6
Chloroethane
Concen: 2.071 ug/l
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU061148.D
Acq: 17 Oct 2024 17:29

Tgt Ion: 64 Resp: 20733
Ion Ratio Lower Upper
64 100
66 31.1 25.8 38.8

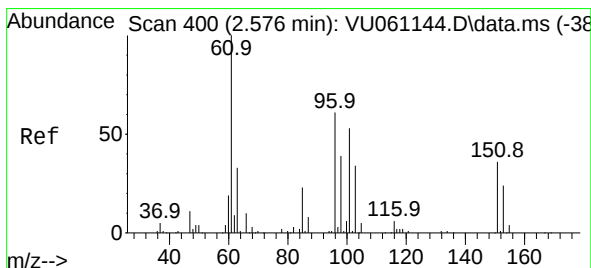
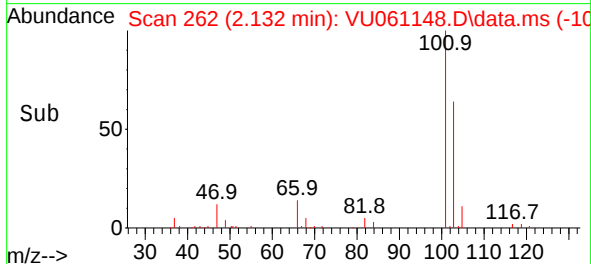
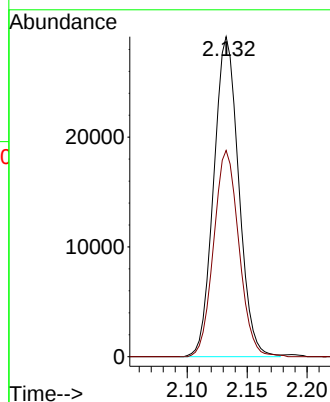
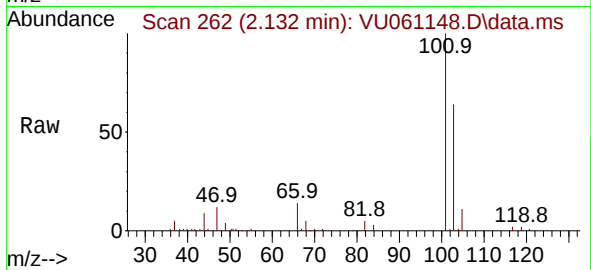




#7
 Trichlorofluoromethane
 Concen: 1.986 ug/l
 RT: 2.132 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VU061148.D
 Acq: 17 Oct 2024 17:29

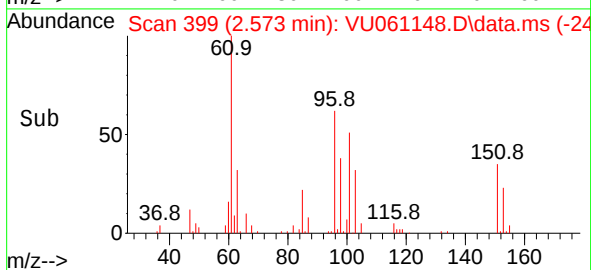
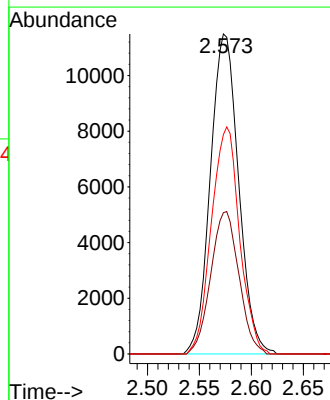
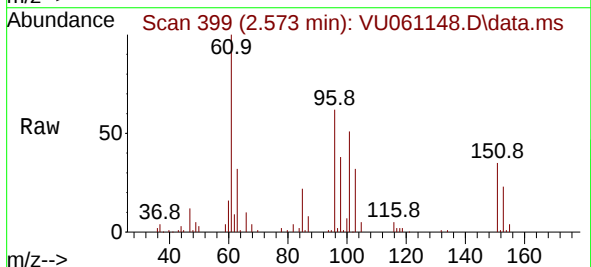
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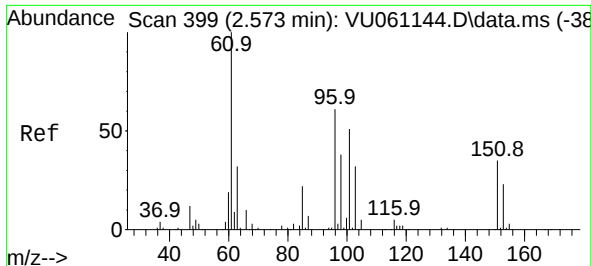
Tgt Ion:101 Resp: 42208
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.5 77.3



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.050 ug/l
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU061148.D
 Acq: 17 Oct 2024 17:29

Tgt Ion:101 Resp: 21656
 Ion Ratio Lower Upper
 101 100
 85 44.4 35.8 53.8
 151 71.0 56.2 84.4

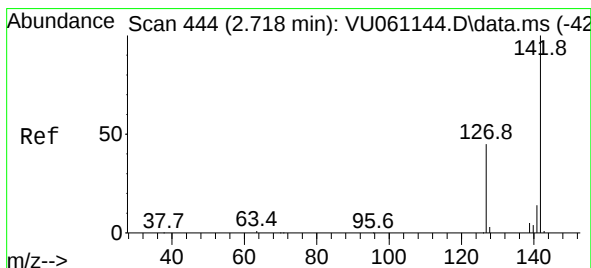
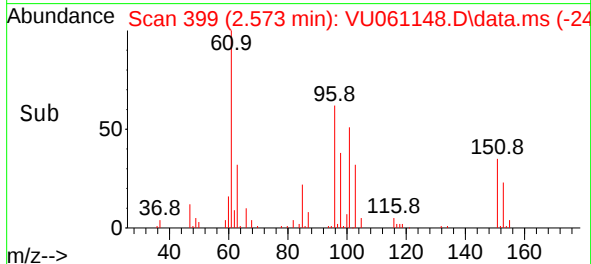
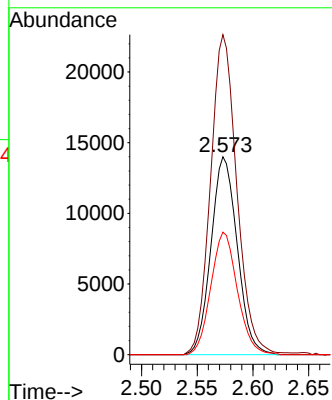
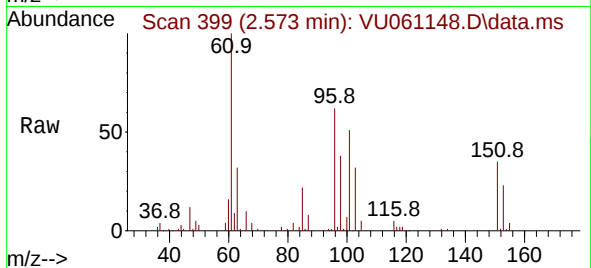




#9
1,1-Dichloroethene
Concen: 2.086 ug/l
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU061148.D
Acq: 17 Oct 2024 17:29

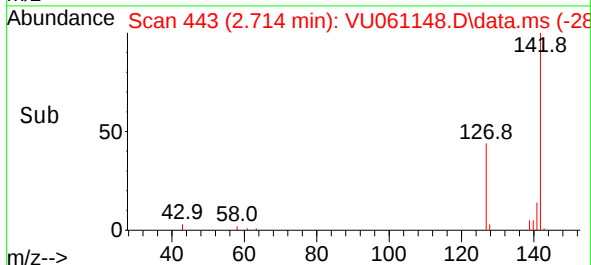
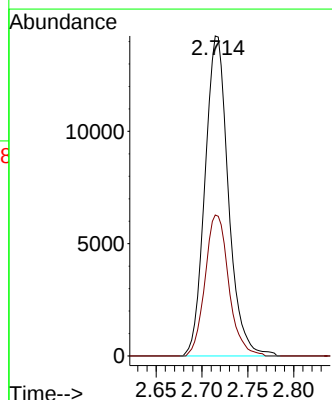
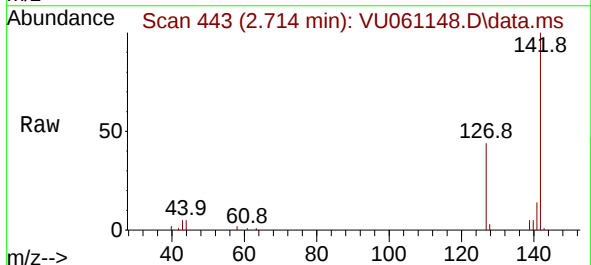
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MSVOA_U
ClientSampleId :

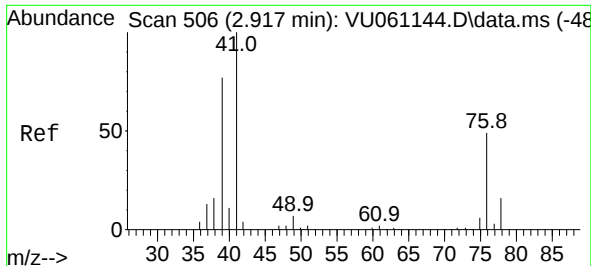
Tgt Ion: 96 Resp: 22976
Ion Ratio Lower Upper
96 100
61 161.7 0.0 494.4
98 62.0 0.0 124.4



#10
Iodomethane
Concen: 2.272 ug/l
RT: 2.714 min Scan# 443
Delta R.T. -0.003 min
Lab File: VU061148.D
Acq: 17 Oct 2024 17:29

Tgt Ion: 142 Resp: 25275
Ion Ratio Lower Upper
142 100
127 44.7 36.2 54.4

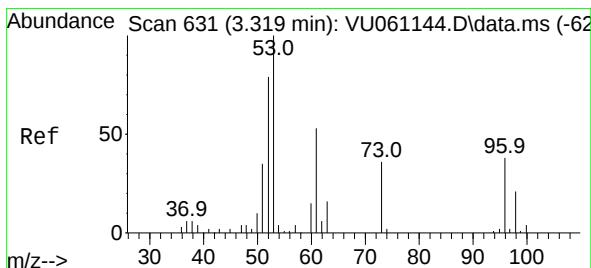
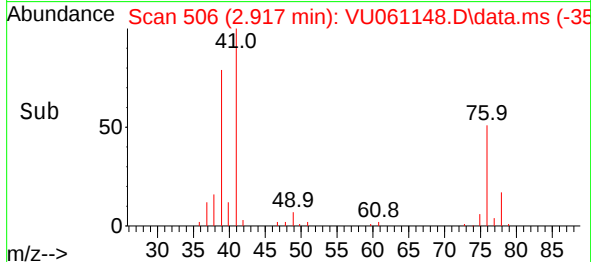
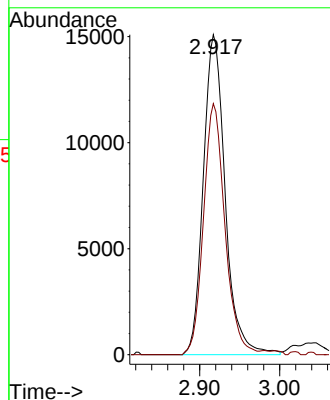
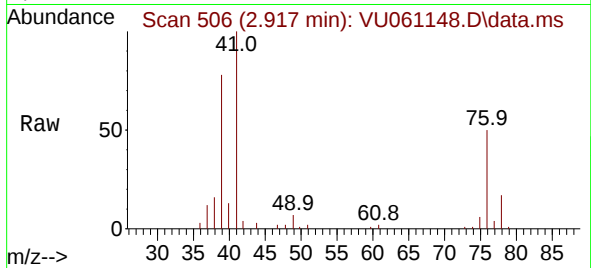




#11
 Allyl Chloride
 Concen: 2.025 ug/l
 RT: 2.917 min Scan# 506
 Delta R.T. -0.000 min
 Lab File: VU061148.D
 Acq: 17 Oct 2024 17:29

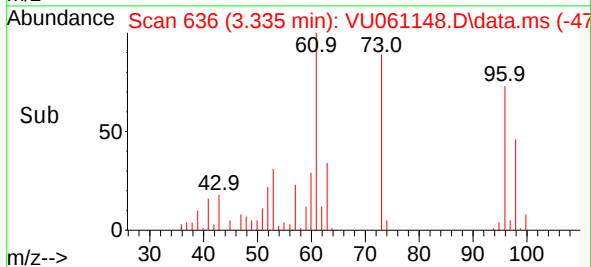
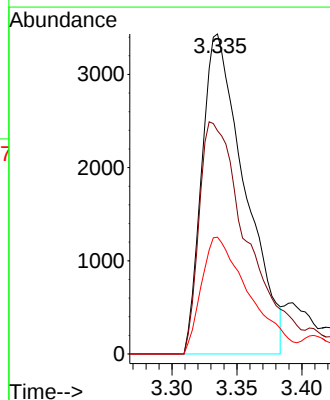
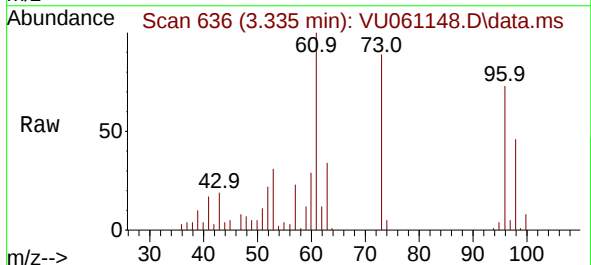
Instrument :
 MSVOA_U
 ClientSampleId :

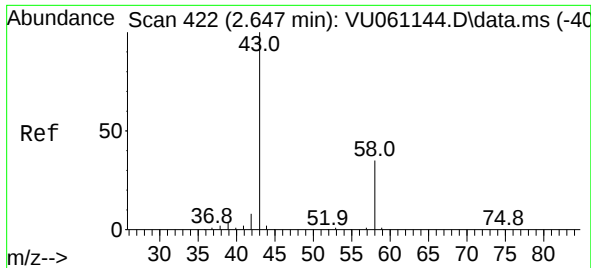
Tgt Ion: 41 Resp: 28720
 Ion Ratio Lower Upper
 41 100
 39 77.0 62.4 93.6



#12
 Acrylonitrile
 Concen: 3.580 ug/l
 RT: 3.335 min Scan# 636
 Delta R.T. 0.016 min
 Lab File: VU061148.D
 Acq: 17 Oct 2024 17:29

Tgt Ion: 53 Resp: 7929
 Ion Ratio Lower Upper
 53 100
 52 82.4 62.6 94.0
 51 40.8 30.7 46.1





#13

Acetone

Concen: 10.781 ug/l

RT: 2.650 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU061148.D

Acq: 17 Oct 2024 17:29

Instrument :

MSVOA_U

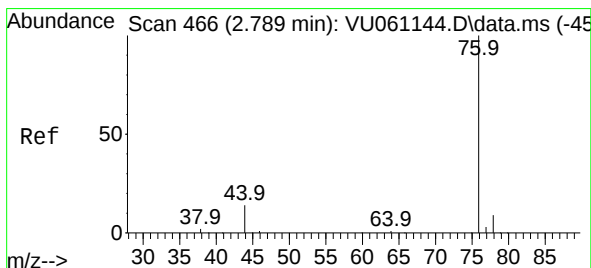
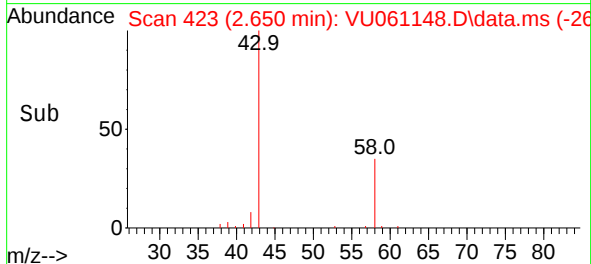
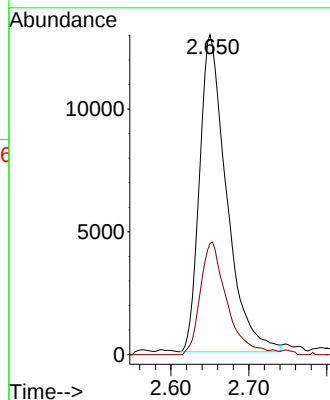
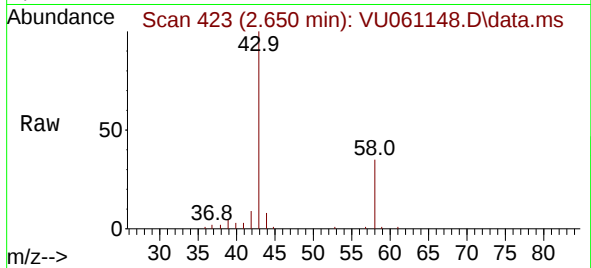
ClientSampleId :

Tgt Ion: 43 Resp: 31144

Ion Ratio Lower Upper

43 100

58 35.1 27.9 41.9



#14

Carbon Disulfide

Concen: 1.972 ug/l

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU061148.D

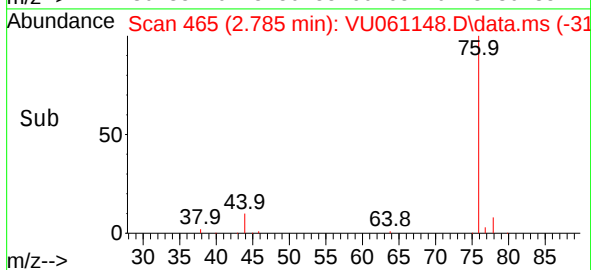
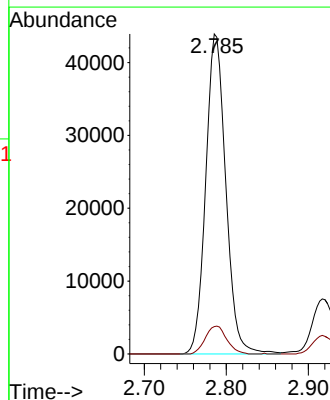
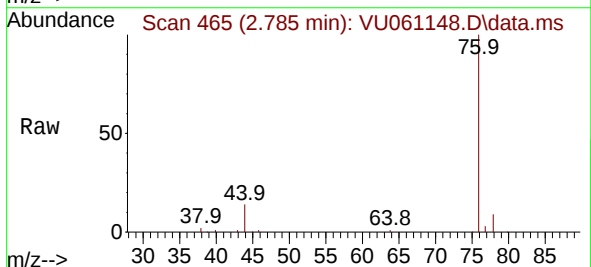
Acq: 17 Oct 2024 17:29

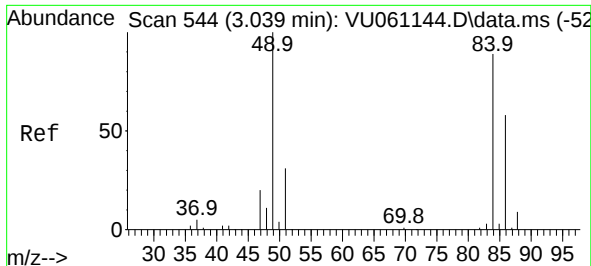
Tgt Ion: 76 Resp: 74809

Ion Ratio Lower Upper

76 100

78 8.5 7.4 11.0





#15

Methylene Chloride

Concen: 2.591 ug/l

RT: 3.039 min Scan# 544

Delta R.T. -0.000 min

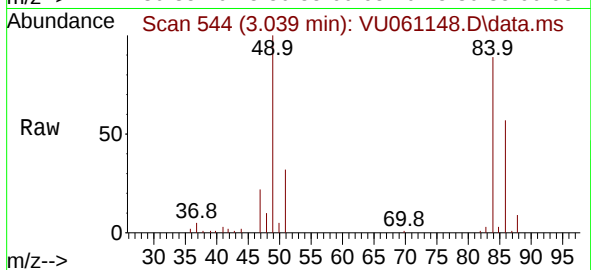
Lab File: VU061148.D

Acq: 17 Oct 2024 17:29

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 84 Resp: 36933

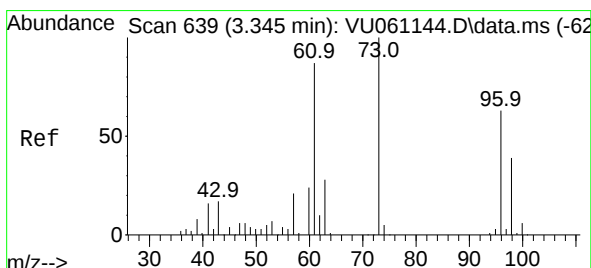
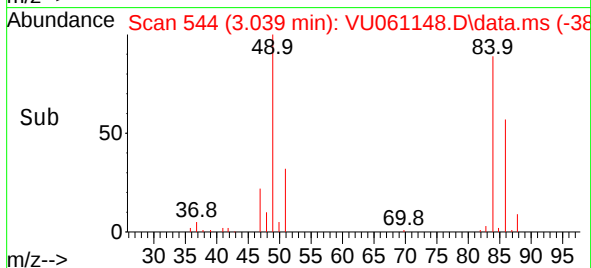
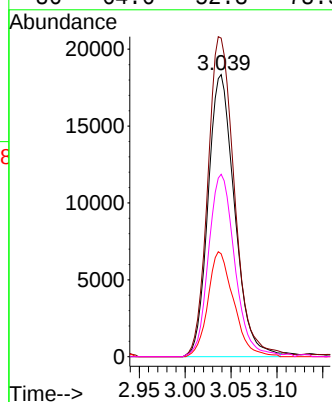
Ion Ratio Lower Upper

84 100

49 112.9 90.4 135.6

51 36.5 0.0 70.6

86 64.6 52.3 78.5



#16

trans-1,2-Dichloroethene

Concen: 1.973 ug/l

RT: 3.345 min Scan# 639

Delta R.T. -0.000 min

Lab File: VU061148.D

Acq: 17 Oct 2024 17:29

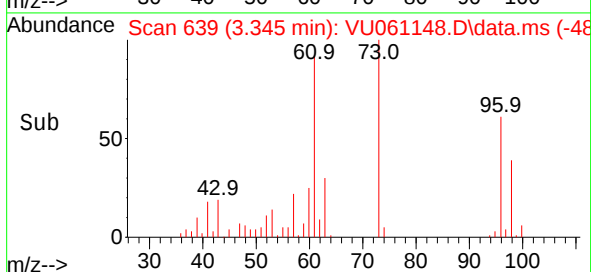
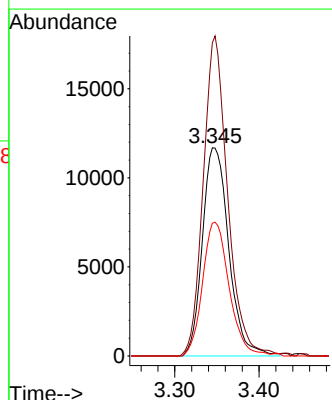
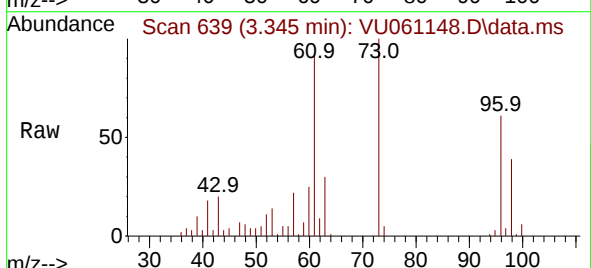
Tgt Ion: 96 Resp: 25484

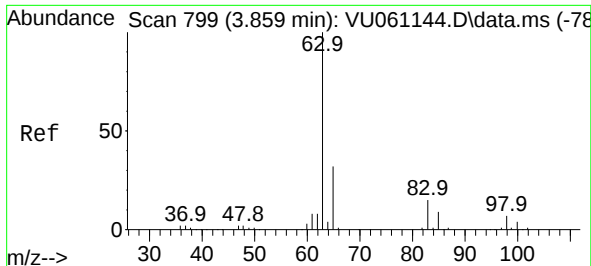
Ion Ratio Lower Upper

96 100

61 150.5 110.6 166.0

98 63.8 49.8 74.8

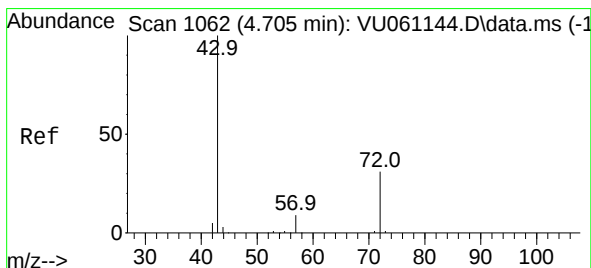
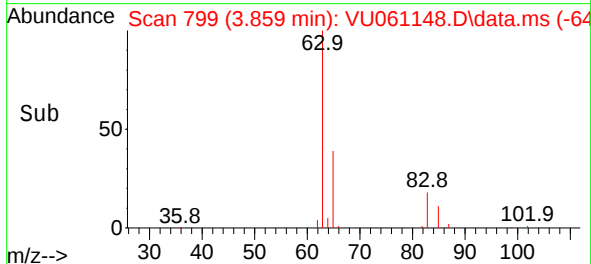
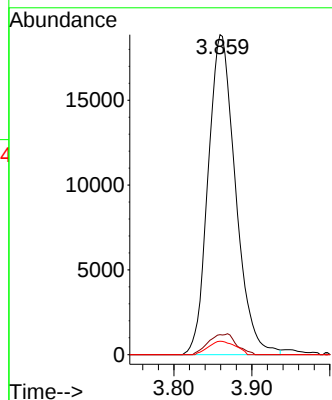
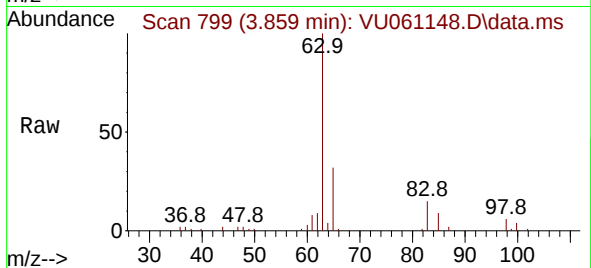




#17
1,1-Dichloroethane
Concen: 2.014 ug/l
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU061148.D
Acq: 17 Oct 2024 17:29

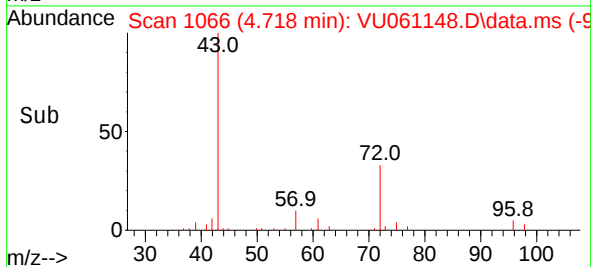
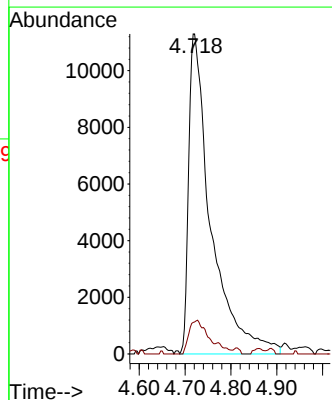
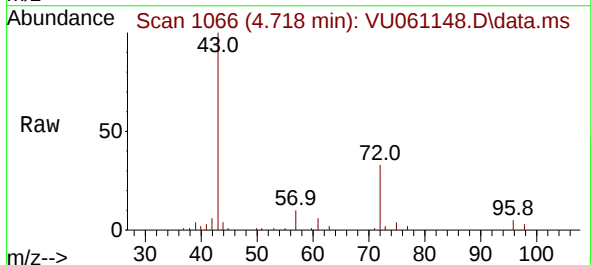
Instrument :
MSVOA_U
ClientSampleId :

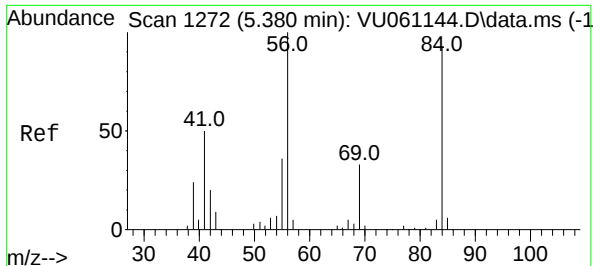
Tgt Ion: 63 Resp: 46120
Ion Ratio Lower Upper
63 100
98 6.3 3.3 9.8
100 4.2 2.1 6.5



#18
2-Butanone
Concen: 10.720 ug/l
RT: 4.718 min Scan# 1066
Delta R.T. 0.013 min
Lab File: VU061148.D
Acq: 17 Oct 2024 17:29

Tgt Ion: 43 Resp: 37918
Ion Ratio Lower Upper
43 100
57 9.8 0.0 19.0





#19

Cyclohexane

Concen: 1.818 ug/l

RT: 5.380 min Scan# 1699

Delta R.T. -0.000 min

Lab File: VU061148.D

Acq: 17 Oct 2024 17:29

Instrument :

MSVOA_U

ClientSampleId :

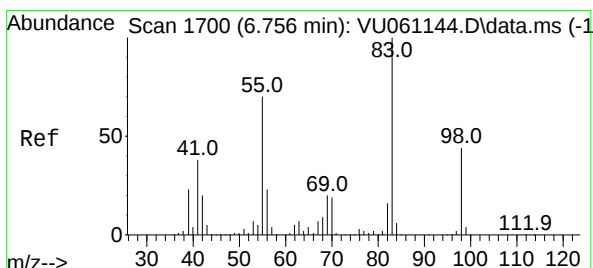
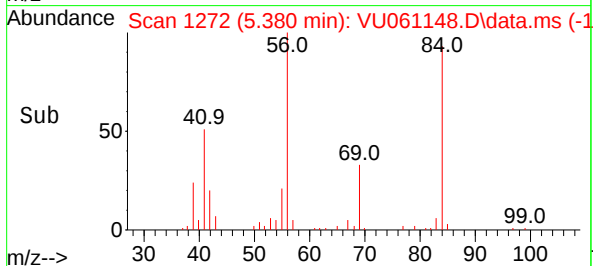
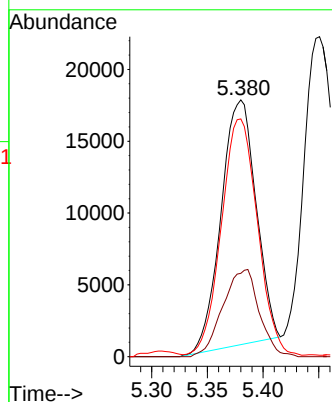
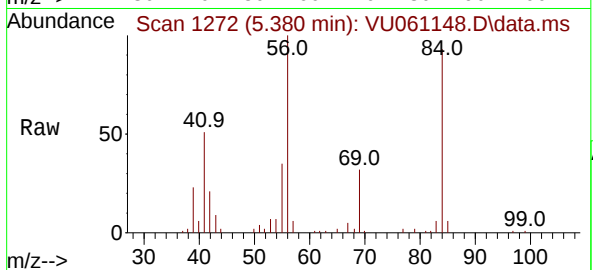
Tgt Ion: 56 Resp: 37298

Ion Ratio Lower Upper

56 100

69 36.9 26.2 39.4

84 99.3 72.7 109.1



#20

Methylcyclohexane

Concen: 1.946 ug/l

RT: 6.753 min Scan# 1699

Delta R.T. -0.003 min

Lab File: VU061148.D

Acq: 17 Oct 2024 17:29

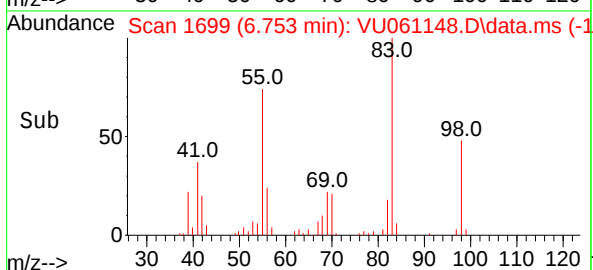
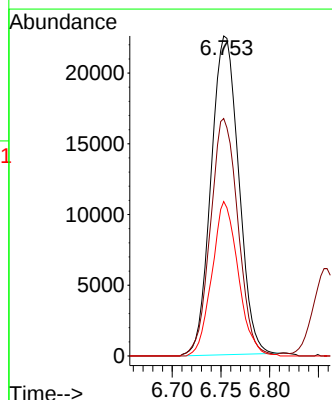
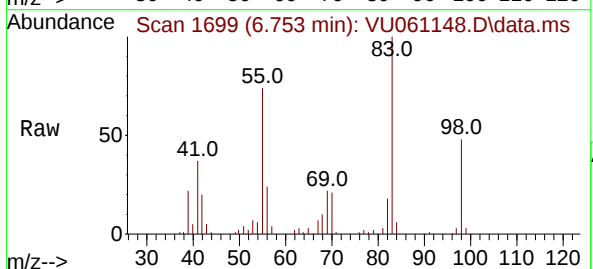
Tgt Ion: 83 Resp: 44498

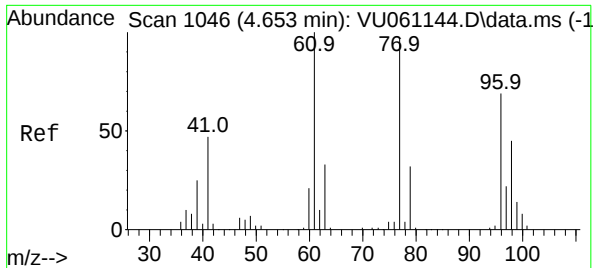
Ion Ratio Lower Upper

83 100

55 73.6 55.5 83.3

98 46.0 35.8 53.6

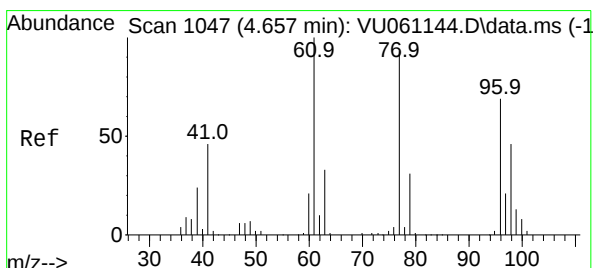
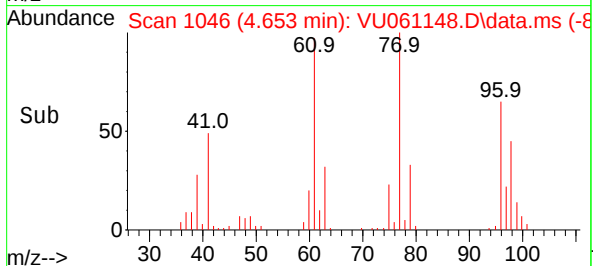
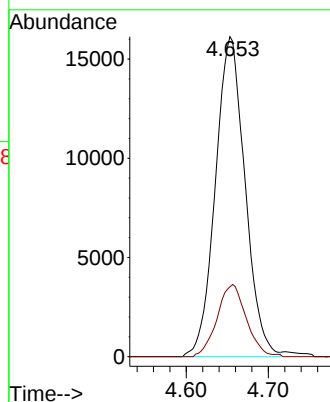
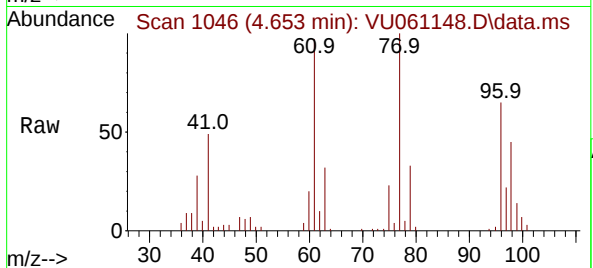




#21
2,2-Dichloropropane
Concen: 1.916 ug/l
RT: 4.653 min Scan# 1046
Delta R.T. -0.000 min
Lab File: VU061148.D
Acq: 17 Oct 2024 17:29

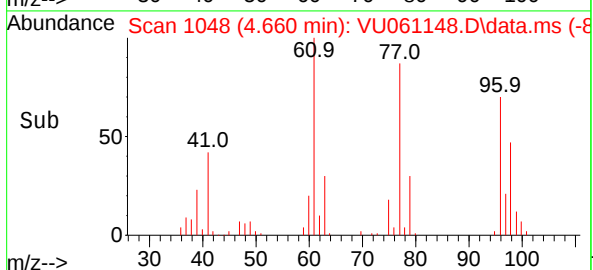
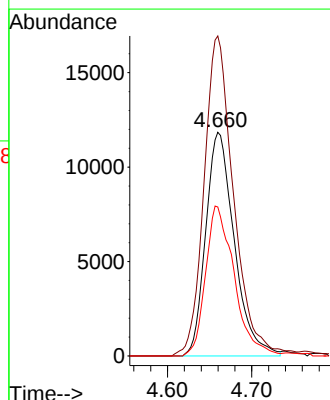
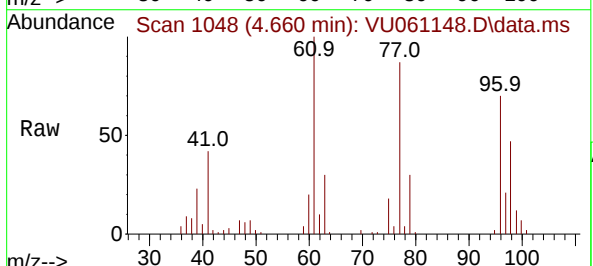
Instrument :
MSVOA_U
ClientSampleId :

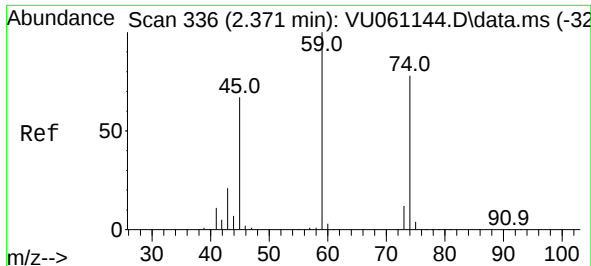
Tgt Ion: 77 Resp: 40464
Ion Ratio Lower Upper
77 100
97 22.3 18.3 27.5



#22
cis-1,2-Dichloroethene
Concen: 1.985 ug/l
RT: 4.660 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU061148.D
Acq: 17 Oct 2024 17:29

Tgt Ion: 96 Resp: 27926
Ion Ratio Lower Upper
96 100
61 148.2 0.0 364.8
98 67.1 32.1 96.3

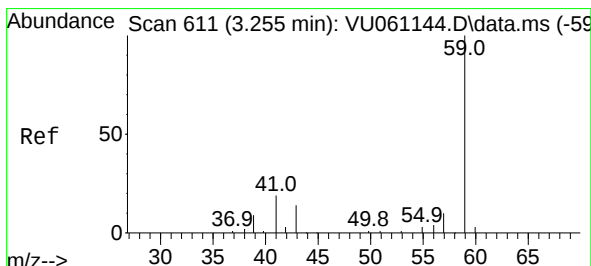
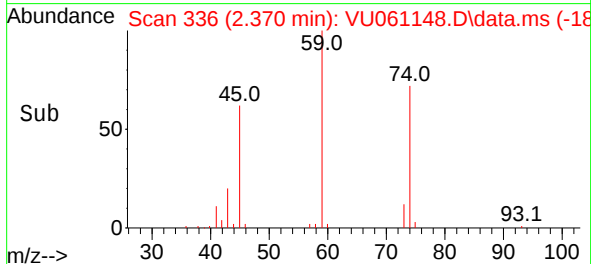
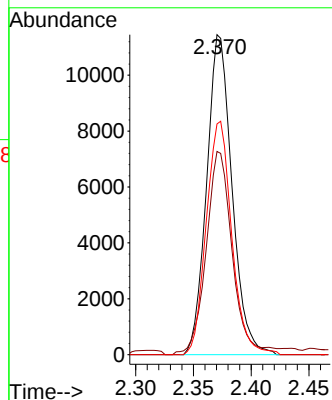
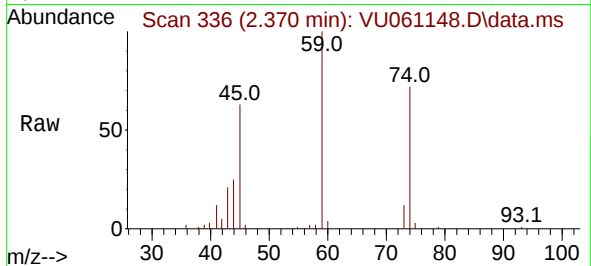




#23
Diethyl Ether
Concen: 2.045 ug/l
RT: 2.370 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU061148.D
Acq: 17 Oct 2024 17:29

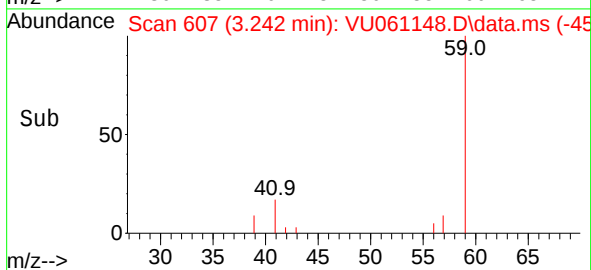
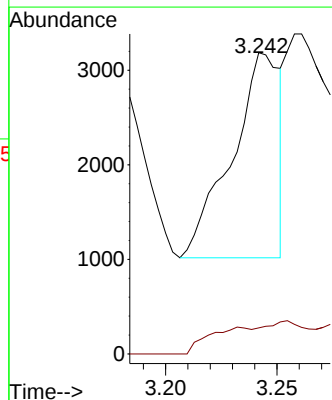
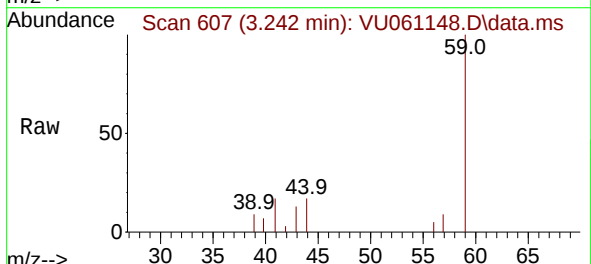
Instrument :
MSVOA_U
ClientSampleId :

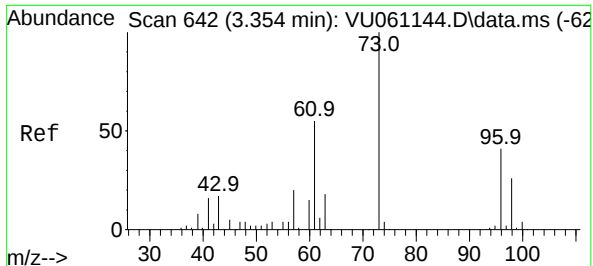
Tgt Ion: 59 Resp: 17501
Ion Ratio Lower Upper
59 100
45 65.7 52.0 78.0
74 73.4 62.2 93.2



#24
tert-Butyl Alcohol
Concen: 3.639 ug/l
RT: 3.242 min Scan# 607
Delta R.T. -0.013 min
Lab File: VU061148.D
Acq: 17 Oct 2024 17:29

Tgt Ion: 59 Resp: 3249
Ion Ratio Lower Upper
59 100
57 417.2 3.2 4.8#





#25

Methyl tert-Butyl Ether

Concen: 2.020 ug/l

RT: 3.354 min Scan# 642

Delta R.T. -0.000 min

Lab File: VU061148.D

Acq: 17 Oct 2024 17:29

Instrument :

MSVOA_U

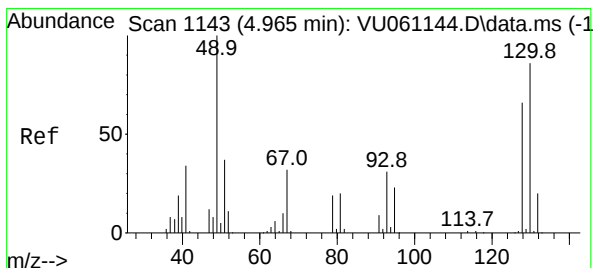
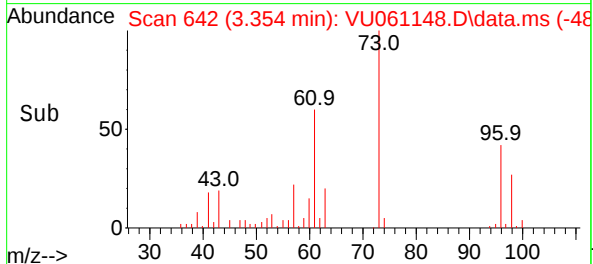
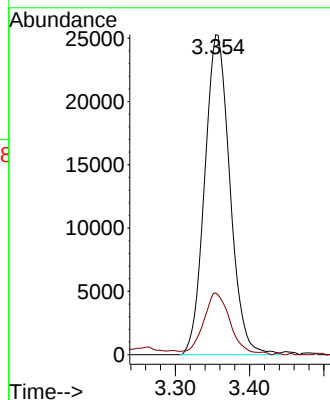
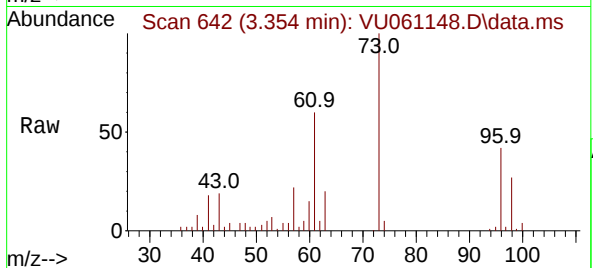
ClientSampleId :

Tgt Ion: 73 Resp: 59599

Ion Ratio Lower Upper

73 100

43 18.5 14.7 22.1



#26

Bromochloromethane

Concen: 1.995 ug/l

RT: 4.965 min Scan# 1143

Delta R.T. -0.000 min

Lab File: VU061148.D

Acq: 17 Oct 2024 17:29

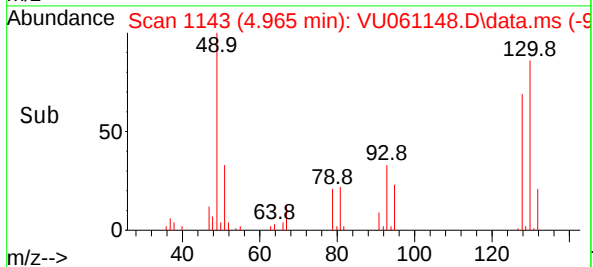
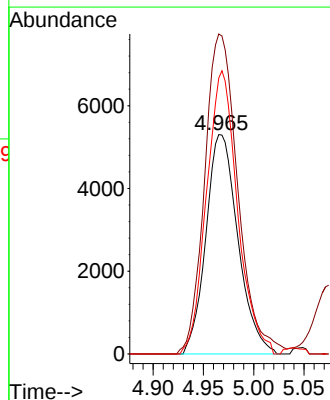
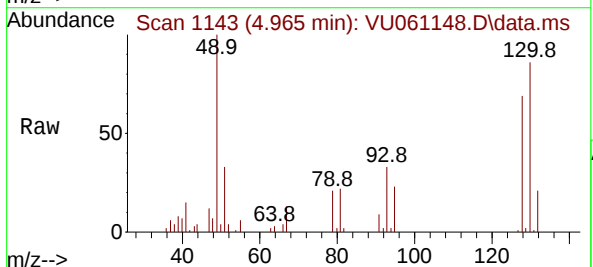
Tgt Ion: 128 Resp: 11737

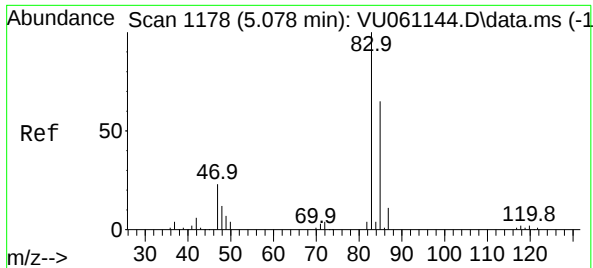
Ion Ratio Lower Upper

128 100

49 151.3 0.0 308.8

130 125.3 105.3 157.9





#27

Chloroform

Concen: 2.019 ug/l

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU061148.D

Acq: 17 Oct 2024 17:29

Instrument :

MSVOA_U

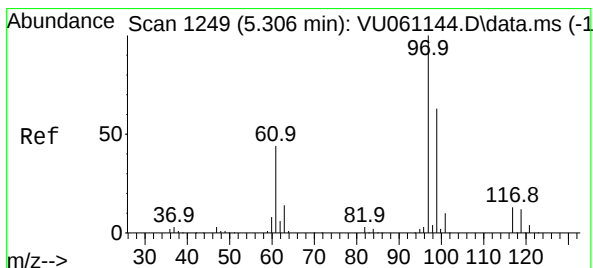
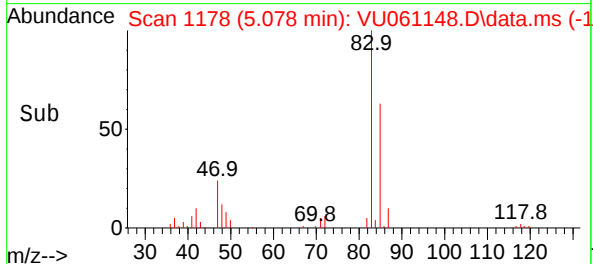
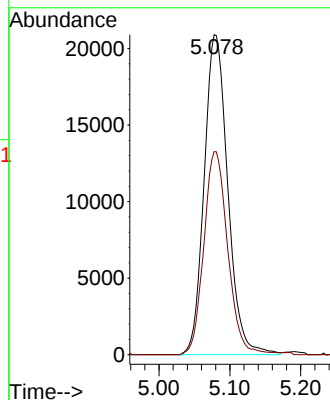
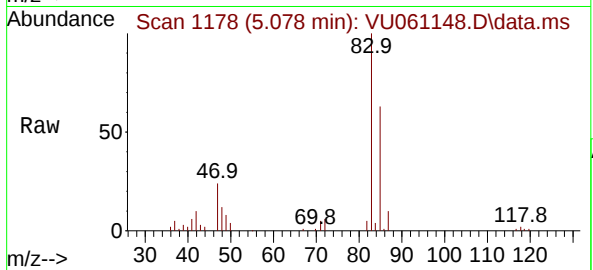
ClientSampleId :

Tgt Ion: 83 Resp: 48491

Ion Ratio Lower Upper

83 100

85 63.4 0.0 129.6



#28

1,1,1-Trichloroethane

Concen: 2.038 ug/l

RT: 5.306 min Scan# 1249

Delta R.T. -0.000 min

Lab File: VU061148.D

Acq: 17 Oct 2024 17:29

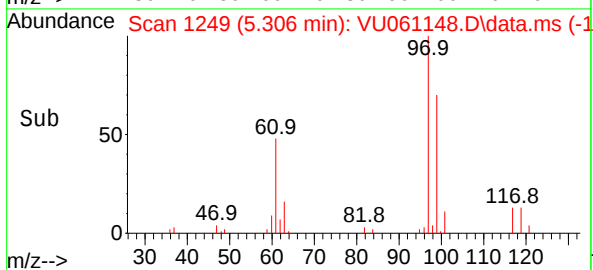
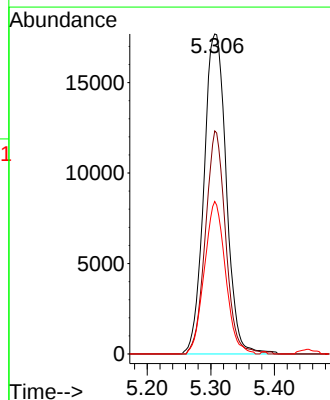
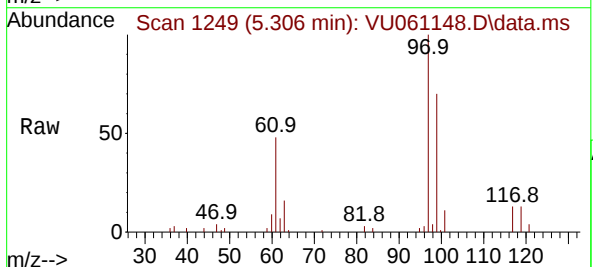
Tgt Ion: 97 Resp: 43157

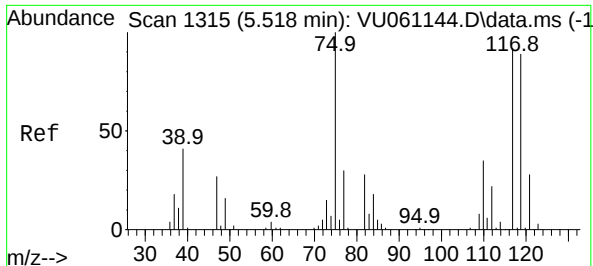
Ion Ratio Lower Upper

97 100

99 62.9 31.9 95.5

61 45.1 22.1 66.1

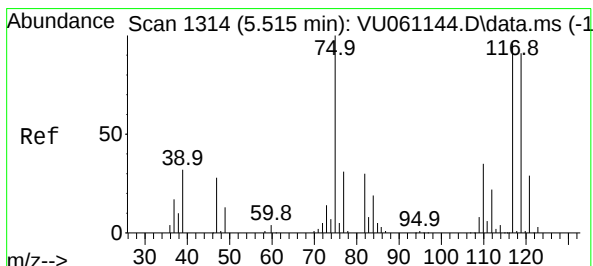
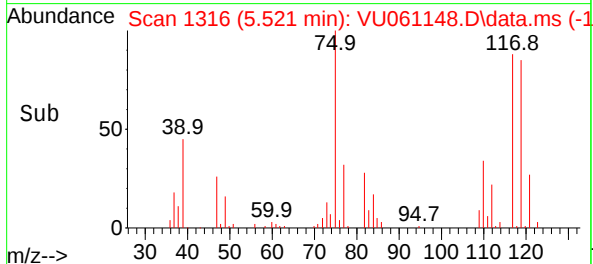
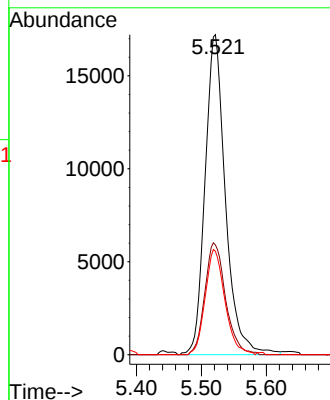
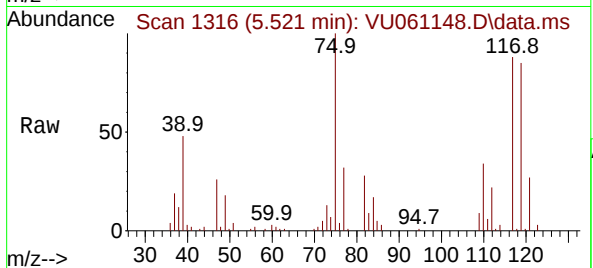




#29
1,1-Dichloropropene
Concen: 2.013 ug/l
RT: 5.521 min Scan# 1316
Delta R.T. 0.003 min
Lab File: VU061148.D
Acq: 17 Oct 2024 17:29

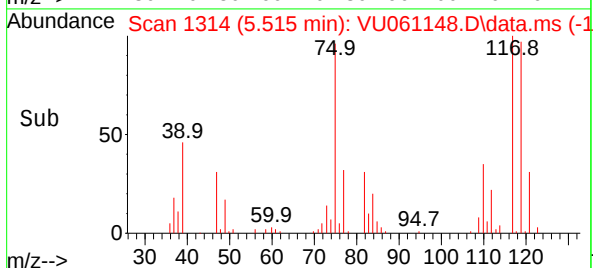
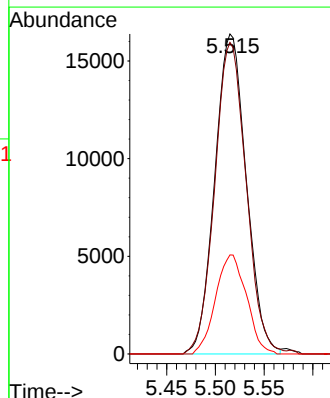
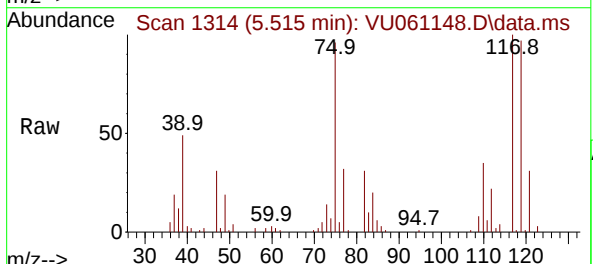
Instrument :
MSVOA_U
ClientSampleId :

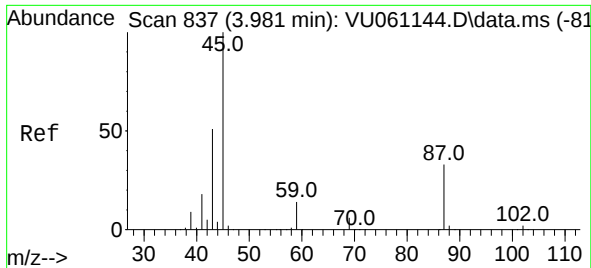
Tgt Ion: 75 Resp: 37680
Ion Ratio Lower Upper
75 100
110 35.6 17.8 53.3
77 31.8 24.6 37.0



#30
Carbon Tetrachloride
Concen: 2.002 ug/l
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU061148.D
Acq: 17 Oct 2024 17:29

Tgt Ion:117 Resp: 36773
Ion Ratio Lower Upper
117 100
119 96.1 76.4 114.6
121 30.5 24.1 36.1

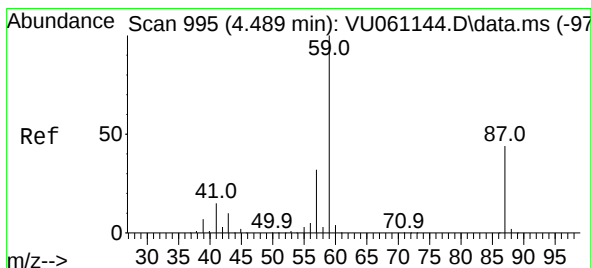
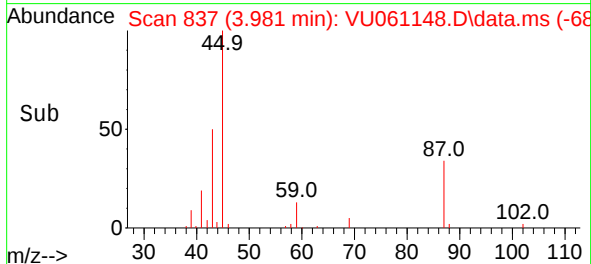
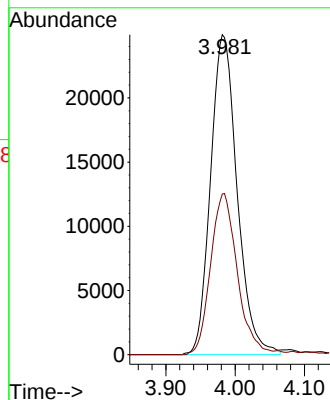
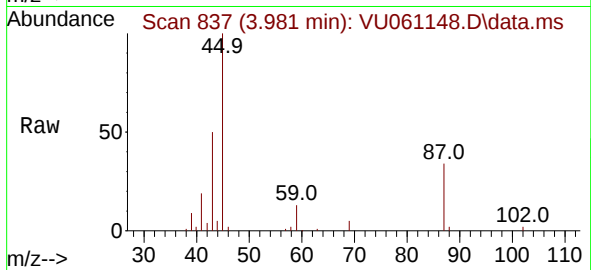




#31
Isopropyl Ether
Concen: 2.032 ug/l
RT: 3.981 min Scan# 837
Delta R.T. -0.000 min
Lab File: VU061148.D
Acq: 17 Oct 2024 17:29

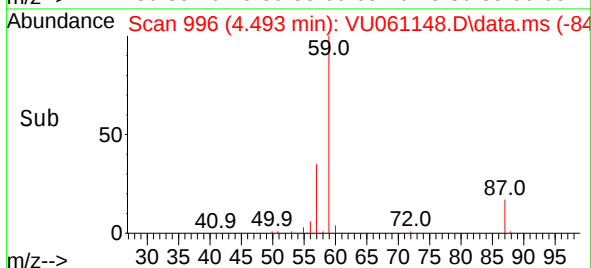
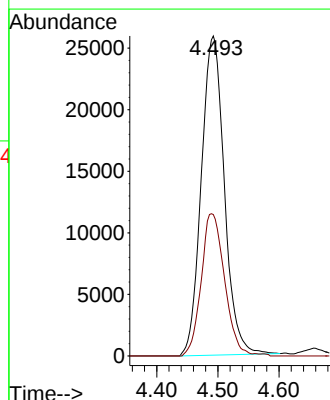
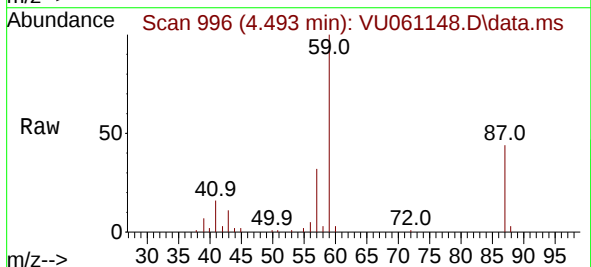
Instrument :
MSVOA_U
ClientSampleId :

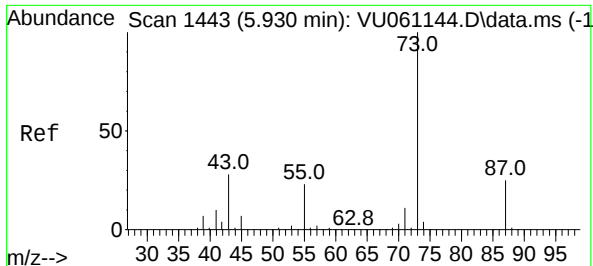
Tgt Ion: 45 Resp: 66395
Ion Ratio Lower Upper
45 100
43 50.6 25.7 77.0



#32
Ethyl-t-butyl ether
Concen: 2.021 ug/l
RT: 4.493 min Scan# 996
Delta R.T. 0.003 min
Lab File: VU061148.D
Acq: 17 Oct 2024 17:29

Tgt Ion: 59 Resp: 67869
Ion Ratio Lower Upper
59 100
87 44.1 34.7 52.1

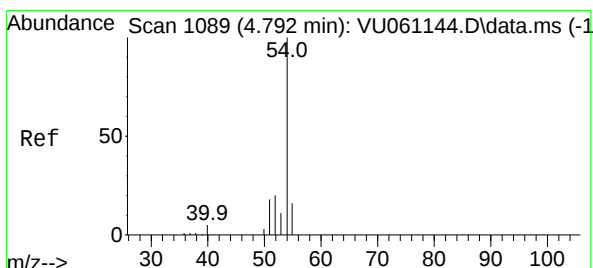
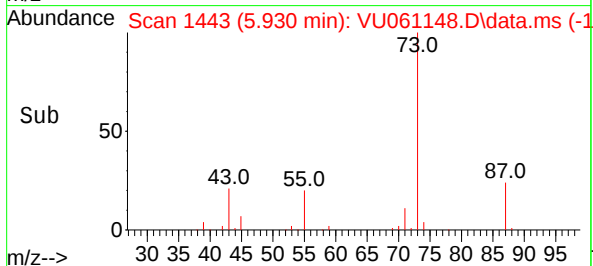
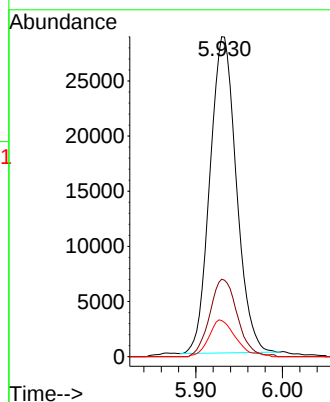
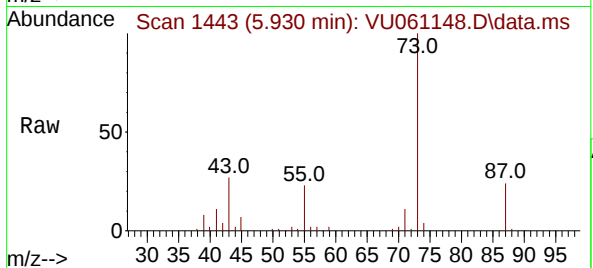




#33
Tert-Amyl methyl ether
Concen: 2.015 ug/l
RT: 5.930 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VU061148.D
Acq: 17 Oct 2024 17:29

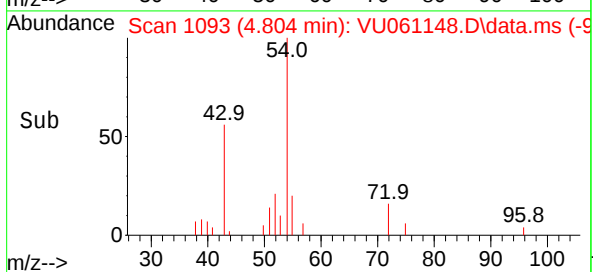
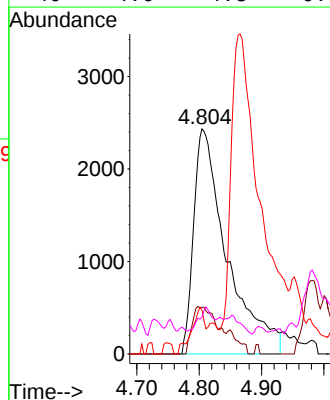
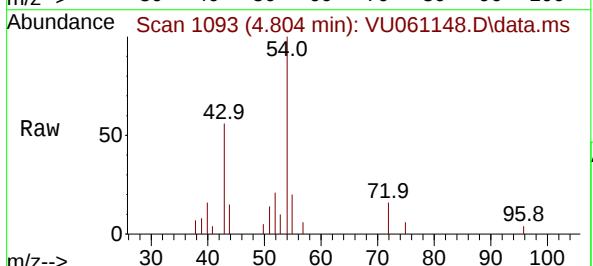
Instrument :
MSVOA_U
ClientSampleId :

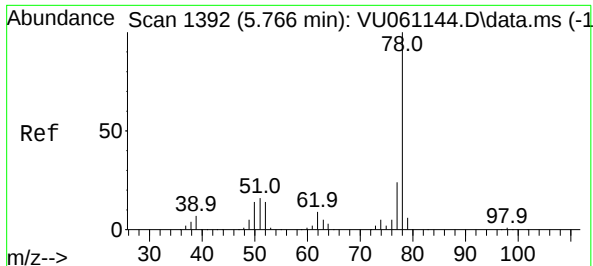
Tgt Ion: 73	Resp: 60908
Ion Ratio	Lower Upper
73 100	
87 25.6	19.8 29.8
71 11.8	8.6 12.8



#34
Propionitrile
Concen: 10.681 ug/l
RT: 4.804 min Scan# 1093
Delta R.T. 0.013 min
Lab File: VU061148.D
Acq: 17 Oct 2024 17:29

Tgt Ion: 54	Resp: 9013
Ion Ratio	Lower Upper
54 100	
52 15.7	15.3 22.9
55 8.1	9.7 14.5#
40 4.0	4.3 6.5#

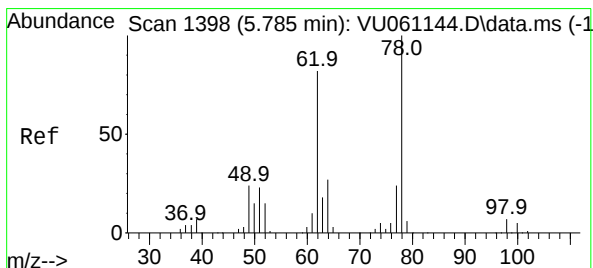
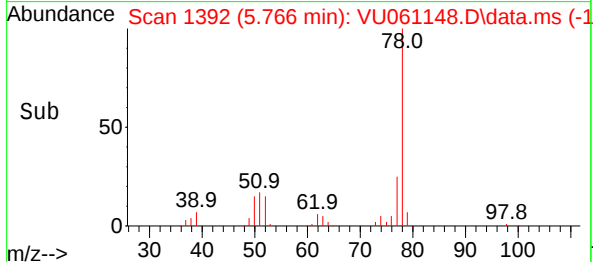
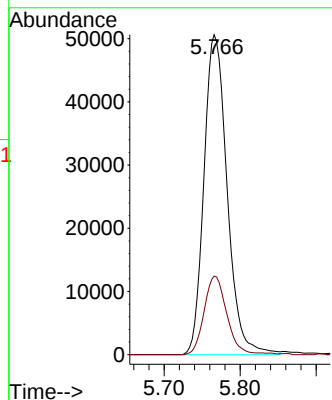
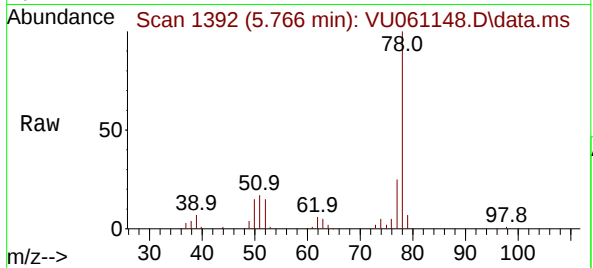




#35
Benzene
Concen: 2.037 ug/l
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU061148.D
Acq: 17 Oct 2024 17:29

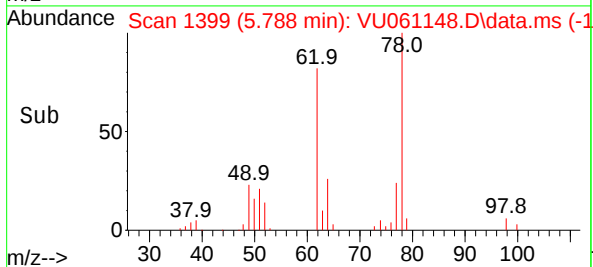
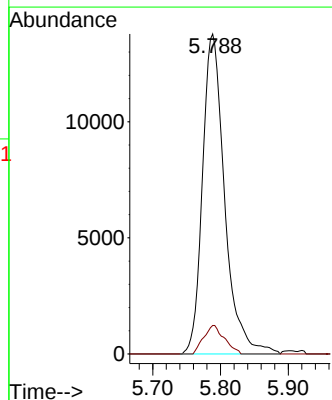
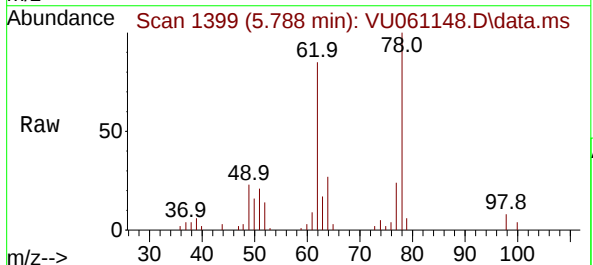
Instrument :
MSVOA_U
ClientSampleId :

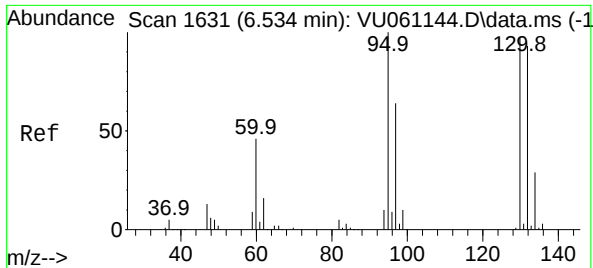
Tgt Ion: 78 Resp: 107345
Ion Ratio Lower Upper
78 100
77 24.5 19.4 29.0



#36
1,2-Dichloroethane
Concen: 2.105 ug/l
RT: 5.788 min Scan# 1399
Delta R.T. 0.003 min
Lab File: VU061148.D
Acq: 17 Oct 2024 17:29

Tgt Ion: 62 Resp: 31317
Ion Ratio Lower Upper
62 100
98 8.3 7.0 10.4

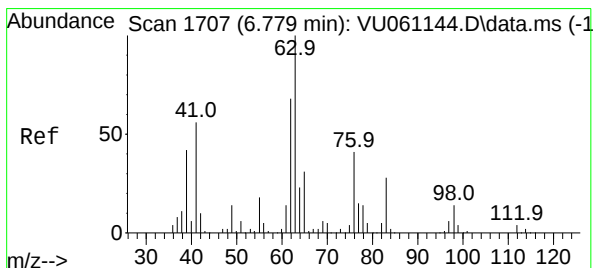
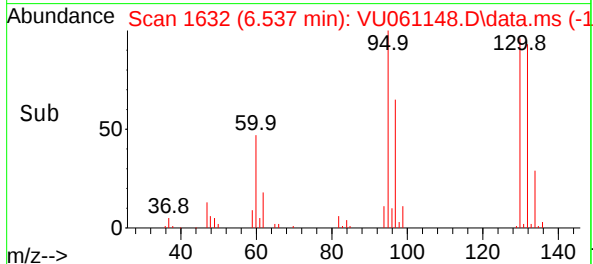
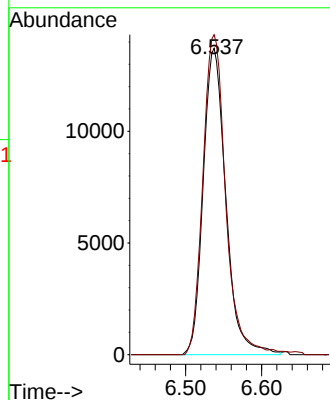
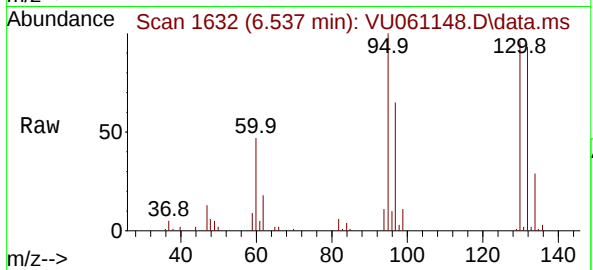




#37
Trichloroethene
Concen: 2.017 ug/l
RT: 6.537 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU061148.D
Acq: 17 Oct 2024 17:29

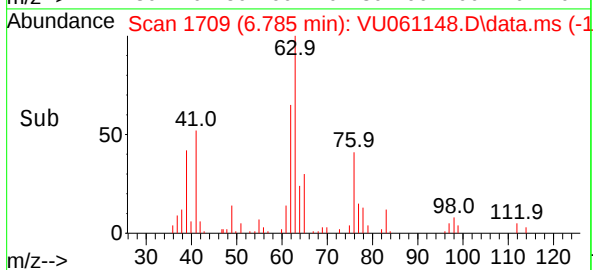
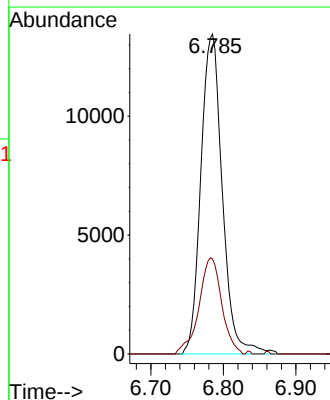
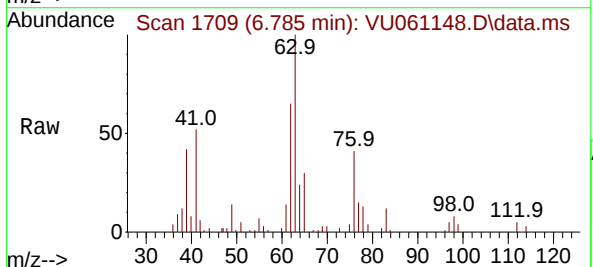
Instrument :
MSVOA_U
ClientSampleId :

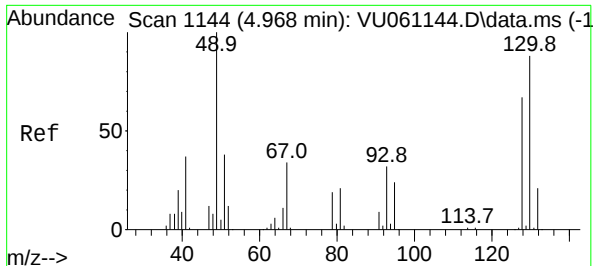
Tgt Ion:130 Resp: 28369
Ion Ratio Lower Upper
130 100
95 104.5 82.6 123.8



#38
1,2-Dichloropropane
Concen: 2.073 ug/l
RT: 6.785 min Scan# 1709
Delta R.T. 0.006 min
Lab File: VU061148.D
Acq: 17 Oct 2024 17:29

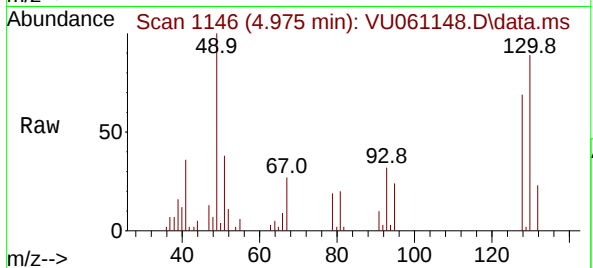
Tgt Ion: 63 Resp: 27670
Ion Ratio Lower Upper
63 100
65 29.7 25.0 37.6



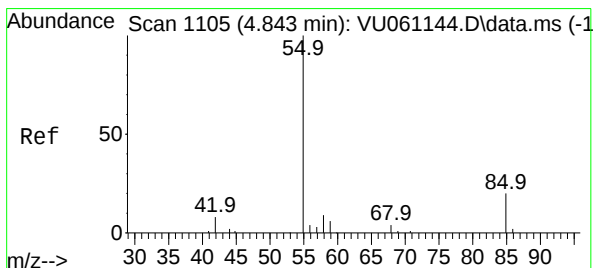
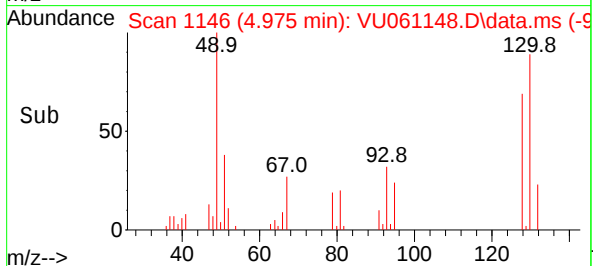
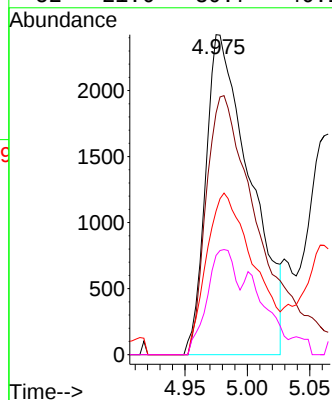


#39
Methacrylonitrile
Concen: 1.990 ug/l
RT: 4.975 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VU061148.D
Acq: 17 Oct 2024 17:29

Instrument :
MSVOA_U
ClientSampleId :

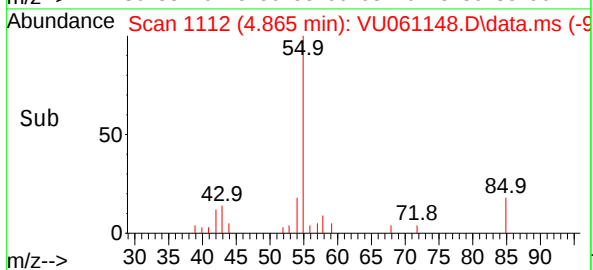
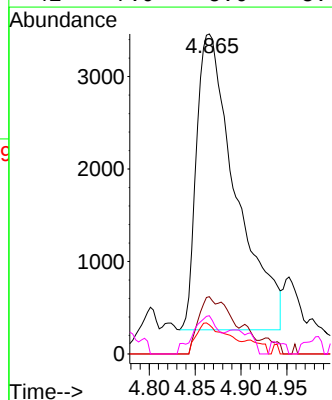
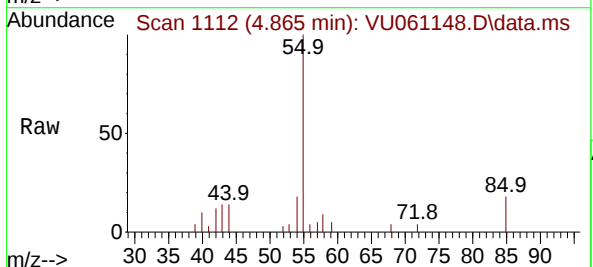


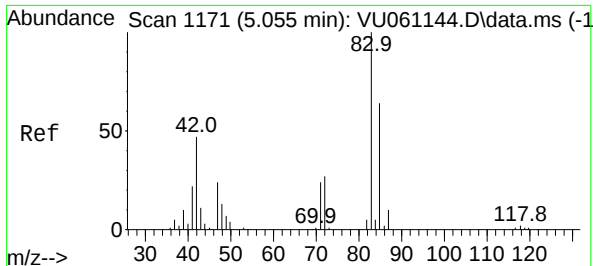
Tgt Ion:	41	Resp:	6047
Ion	Ratio	Lower	Upper
41	100		
67	97.7	78.1	117.1
39	53.9	44.6	67.0
52	21.6	30.7	46.1



#40
Methyl acrylate
Concen: 1.547 ug/l
RT: 4.865 min Scan# 1112
Delta R.T. 0.022 min
Lab File: VU061148.D
Acq: 17 Oct 2024 17:29

Tgt Ion:	55	Resp:	9536
Ion	Ratio	Lower	Upper
55	100		
85	15.3	14.1	21.1
58	8.2	6.9	10.3
42	7.9	5.6	8.4

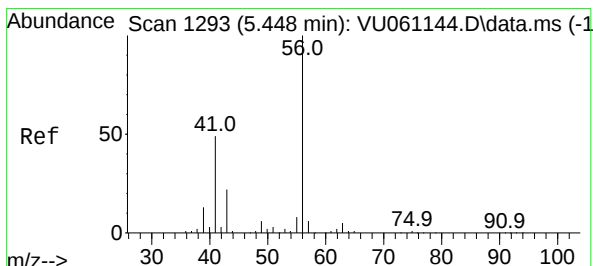
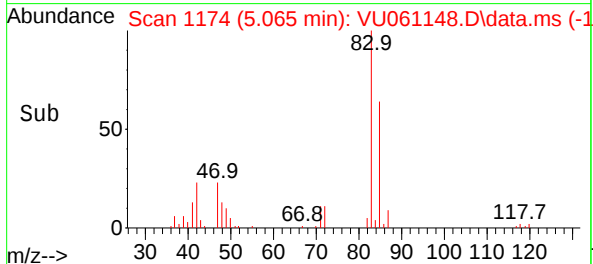
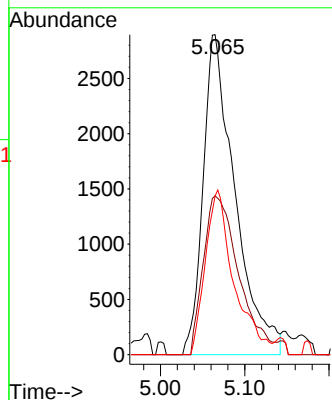
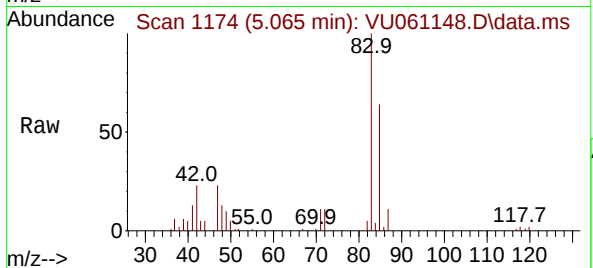




#41
Tetrahydrofuran
Concen: 4.184 ug/l
RT: 5.065 min Scan# 1171
Delta R.T. 0.010 min
Lab File: VU061148.D
Acq: 17 Oct 2024 17:29

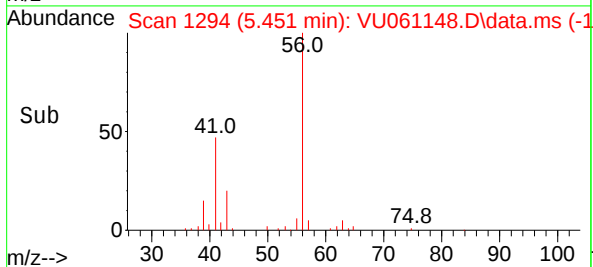
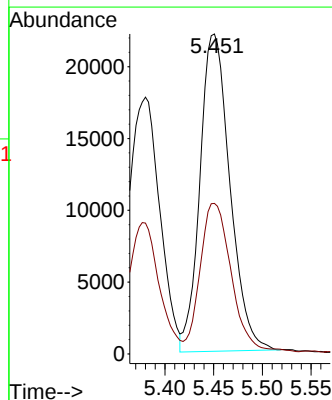
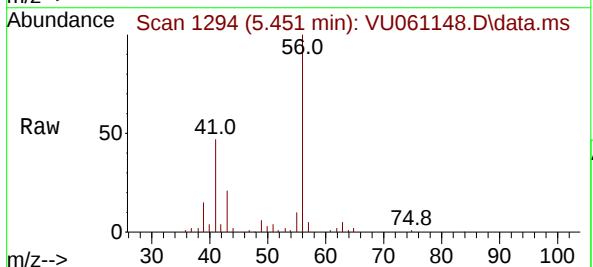
Instrument :
MSVOA_U
ClientSampleId :

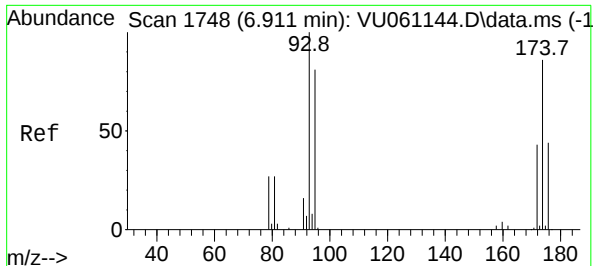
Tgt Ion: 42 Resp: 7637
Ion Ratio Lower Upper
42 100
72 55.4 47.8 71.8
71 46.2 41.5 62.3



#42
1-Chlorobutane
Concen: 1.969 ug/l
RT: 5.451 min Scan# 1294
Delta R.T. 0.003 min
Lab File: VU061148.D
Acq: 17 Oct 2024 17:29

Tgt Ion: 56 Resp: 47278
Ion Ratio Lower Upper
56 100
41 48.9 23.9 71.7





#43

Dibromomethane

Concen: 2.049 ug/l

RT: 6.914 min Scan# 1

Delta R.T. 0.003 min

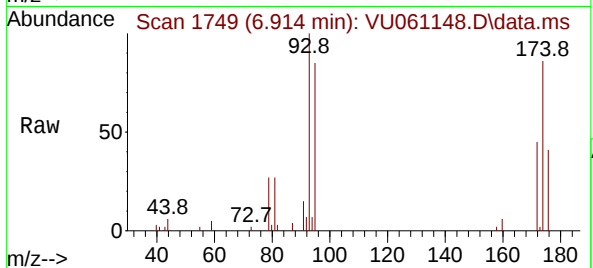
Lab File: VU061148.D

Acq: 17 Oct 2024 17:29

Instrument :

MSVOA_U

ClientSampleId :



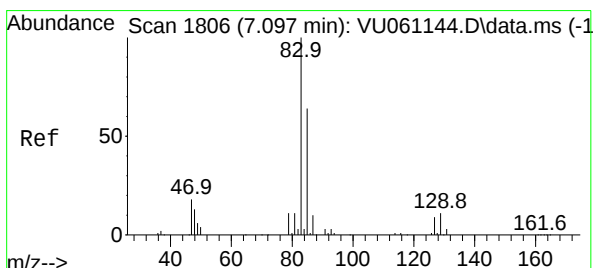
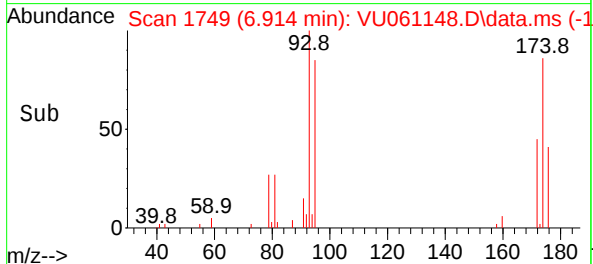
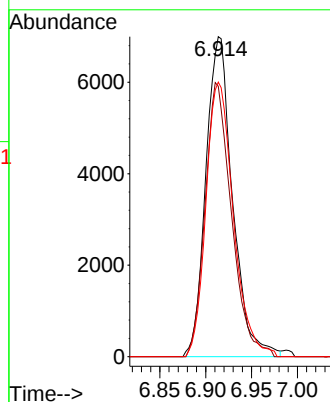
Tgt Ion: 93 Resp: 14178

Ion Ratio Lower Upper

93 100

95 84.5 67.5 101.3

174 88.1 71.2 106.8



#44

Bromodichloromethane

Concen: 1.962 ug/l

RT: 7.097 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VU061148.D

Acq: 17 Oct 2024 17:29

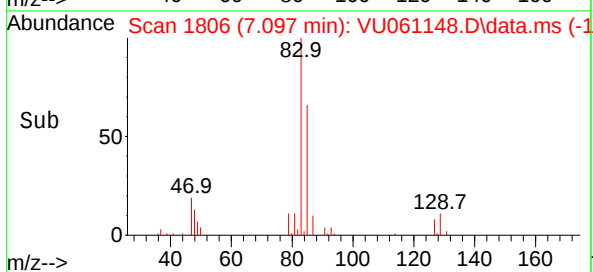
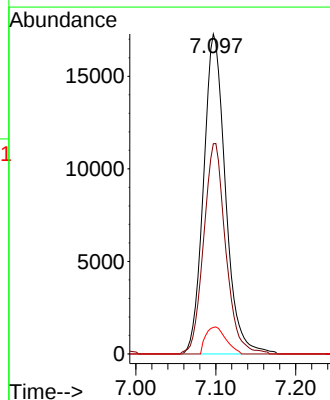
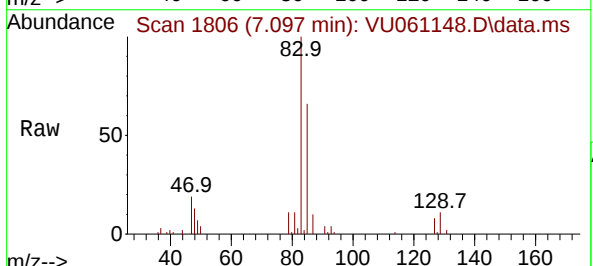
Tgt Ion: 83 Resp: 33007

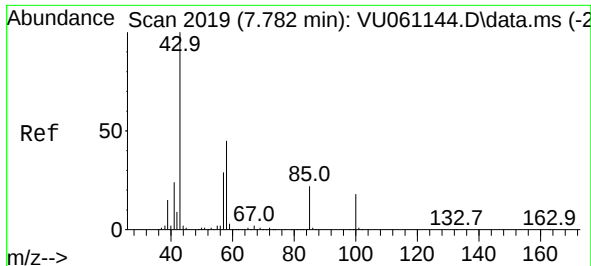
Ion Ratio Lower Upper

83 100

85 65.7 51.4 77.2

127 9.1 7.4 11.2

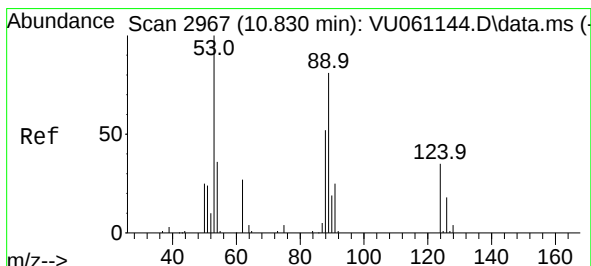
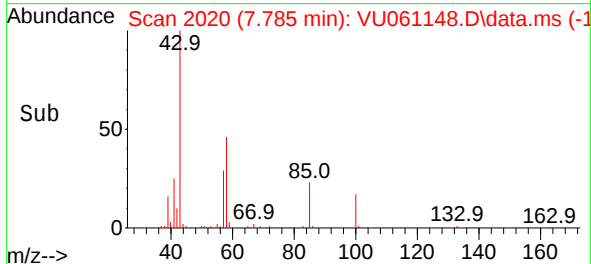
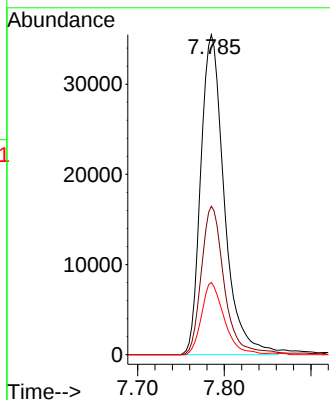
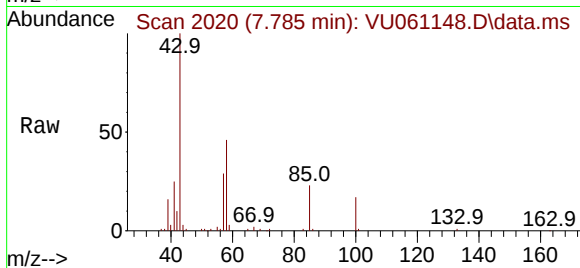




#45
4-Methyl-2-Pentanone
Concen: 9.656 ug/l
RT: 7.785 min Scan# 2019
Delta R.T. 0.003 min
Lab File: VU061148.D
Acq: 17 Oct 2024 17:29

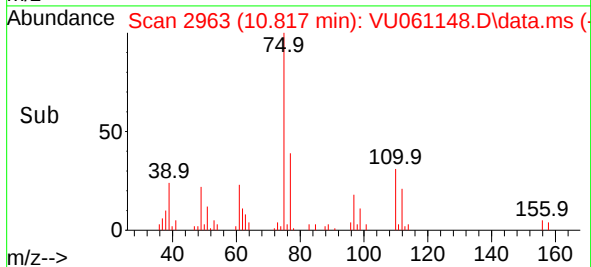
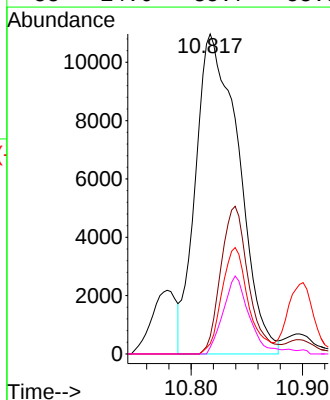
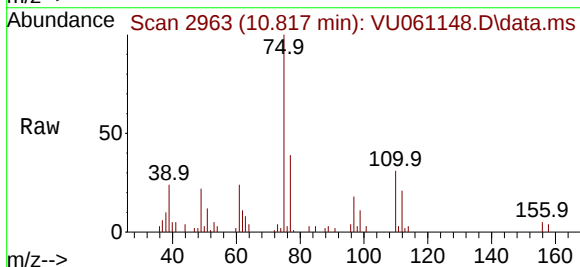
Instrument :
MSVOA_U
ClientSampleId :

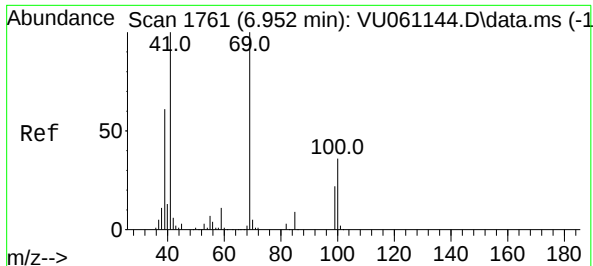
Tgt Ion: 43 Resp: 67069
Ion Ratio Lower Upper
43 100
58 45.4 22.2 66.6
85 21.7 17.2 25.8



#46
t-1,4-Dichloro-2-butene
Concen: 10.617 ug/l
RT: 10.817 min Scan# 2963
Delta R.T. -0.013 min
Lab File: VU061148.D
Acq: 17 Oct 2024 17:29

Tgt Ion: 75 Resp: 29406
Ion Ratio Lower Upper
75 100
53 30.0 66.0 99.0#
89 20.9 48.0 72.0#
88 14.6 35.7 53.5#





#47

Methyl methacrylate

Concen: 4.086 ug/l

RT: 6.959 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU061148.D

Acq: 17 Oct 2024 17:29

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 69 Resp: 24572

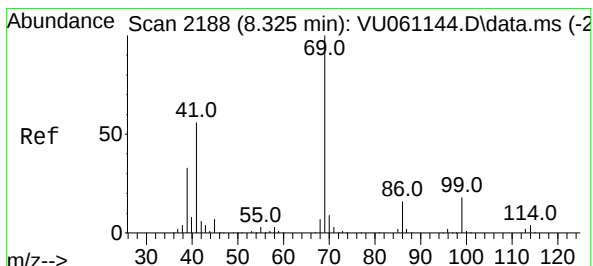
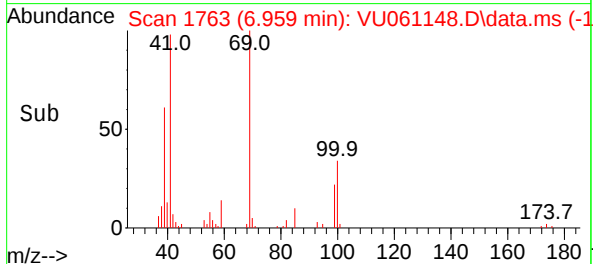
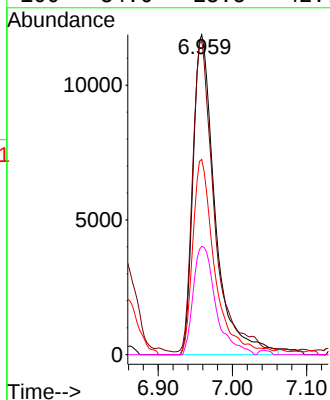
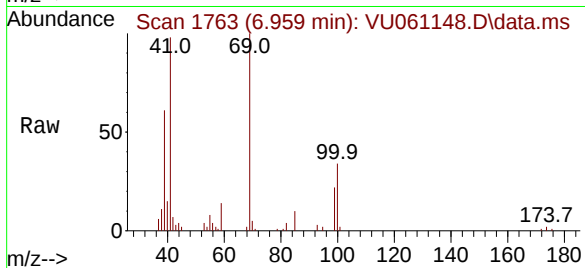
Ion Ratio Lower Upper

69 100

41 96.1 0.0 196.0

39 61.1 48.0 72.0

100 34.6 28.5 42.7



#48

Ethyl methacrylate

Concen: 2.023 ug/l

RT: 8.328 min Scan# 2189

Delta R.T. 0.003 min

Lab File: VU061148.D

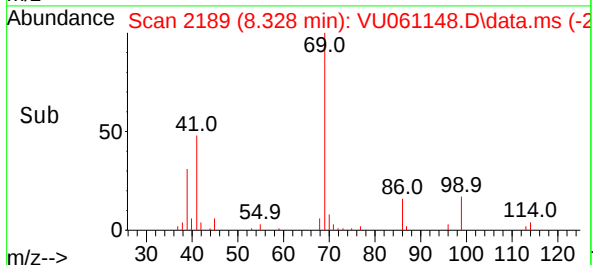
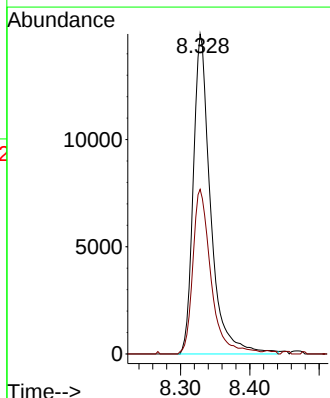
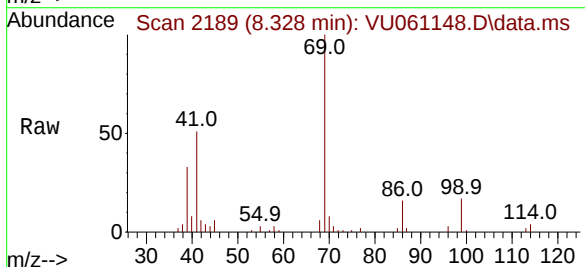
Acq: 17 Oct 2024 17:29

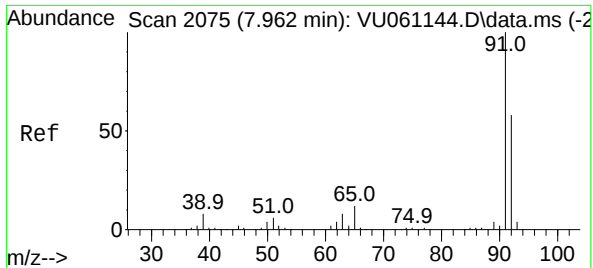
Tgt Ion: 69 Resp: 25943

Ion Ratio Lower Upper

69 100

41 54.0 28.1 84.3





#49

Toluene

Concen: 2.031 ug/l

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU061148.D

Acq: 17 Oct 2024 17:29

Instrument :

MSVOA_U

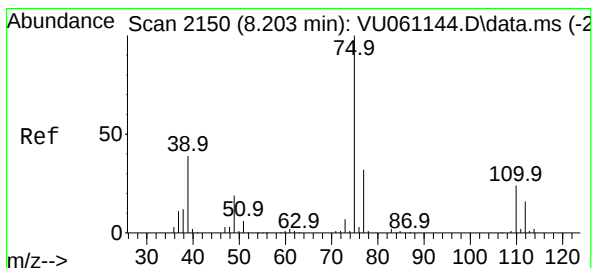
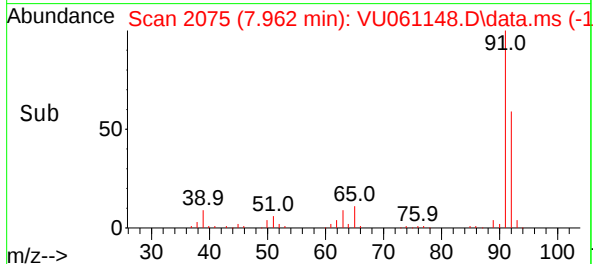
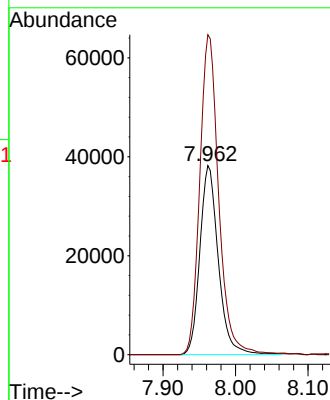
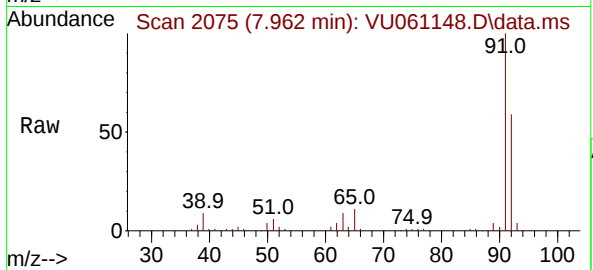
ClientSampleId :

Tgt Ion: 92 Resp: 67595

Ion Ratio Lower Upper

92 100

91 173.2 139.1 208.7



#50

t-1,3-Dichloropropene

Concen: 1.996 ug/l

RT: 8.206 min Scan# 2151

Delta R.T. 0.003 min

Lab File: VU061148.D

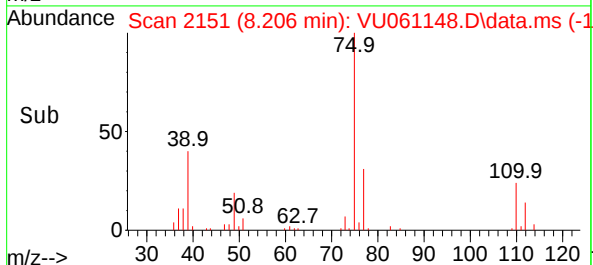
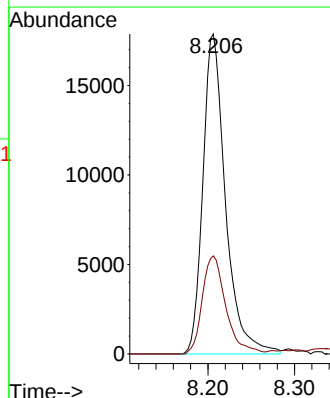
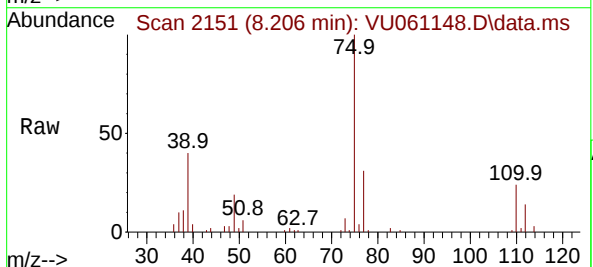
Acq: 17 Oct 2024 17:29

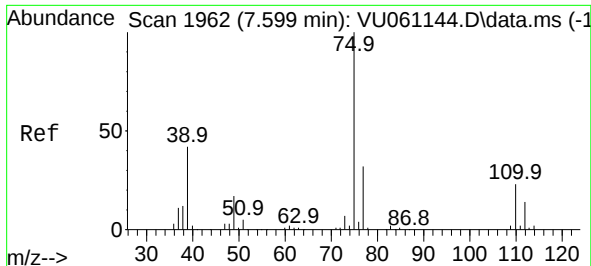
Tgt Ion: 75 Resp: 32376

Ion Ratio Lower Upper

75 100

77 30.6 25.9 38.9

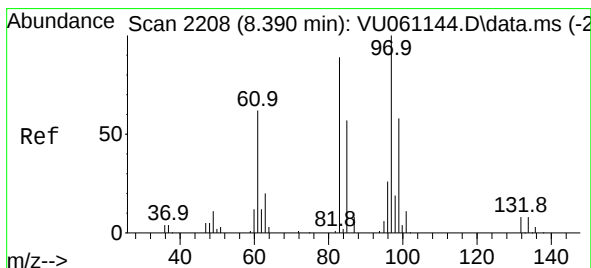
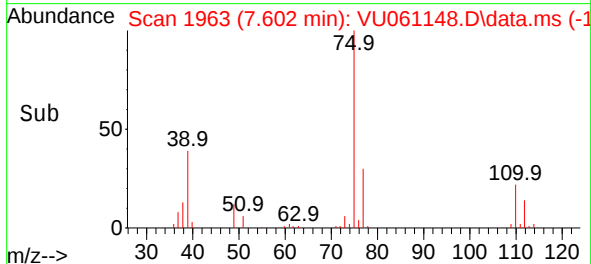
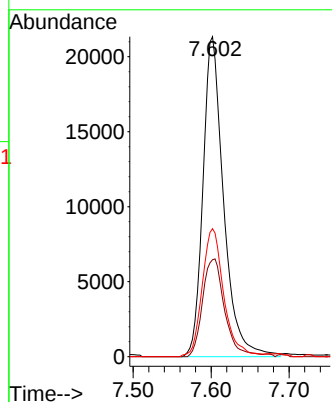
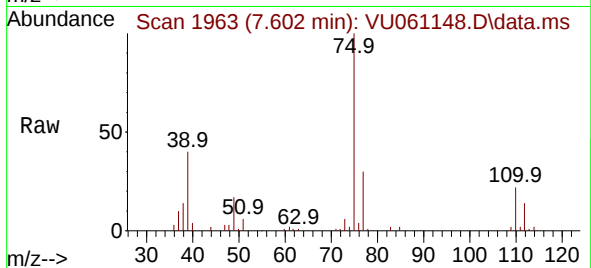




#51
 cis-1,3-Dichloropropene
 Concen: 1.974 ug/l
 RT: 7.602 min Scan# 1962
 Delta R.T. 0.003 min
 Lab File: VU061148.D
 Acq: 17 Oct 2024 17:29

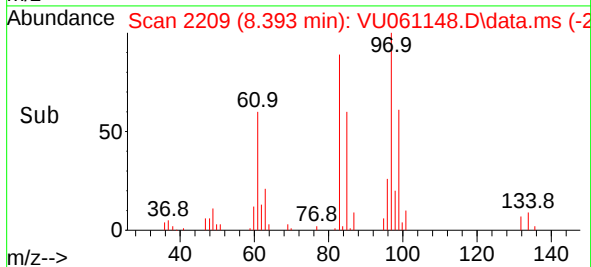
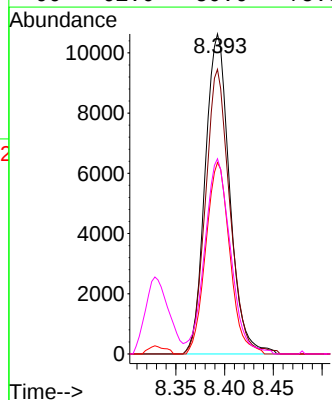
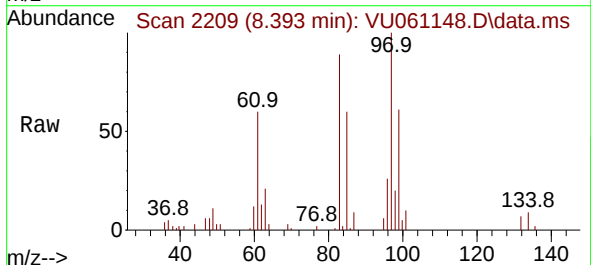
Instrument :
 MSVOA_U
 ClientSampleId :

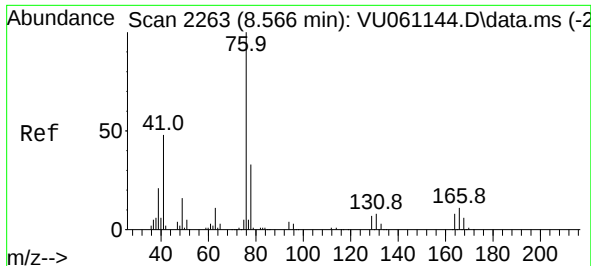
Tgt Ion: 75 Resp: 39296
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.8 38.8
 39 40.0 33.7 50.5



#52
 1,1,2-Trichloroethane
 Concen: 1.984 ug/l
 RT: 8.393 min Scan# 2209
 Delta R.T. 0.003 min
 Lab File: VU061148.D
 Acq: 17 Oct 2024 17:29

Tgt Ion: 97 Resp: 18512
 Ion Ratio Lower Upper
 97 100
 83 89.0 71.0 106.4
 85 59.8 46.1 69.1
 99 61.0 50.6 75.8

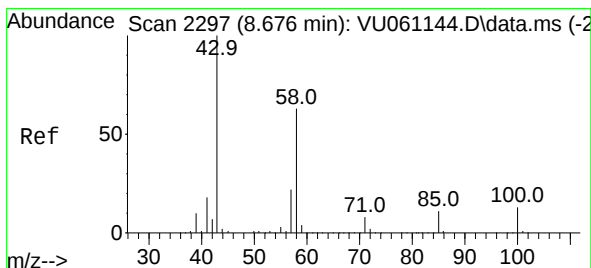
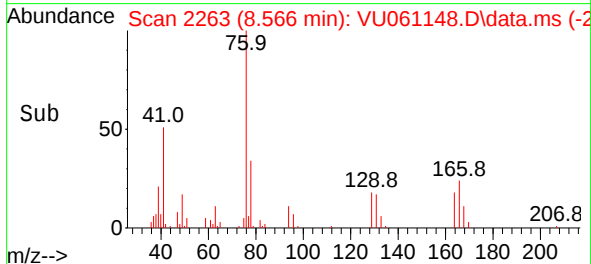
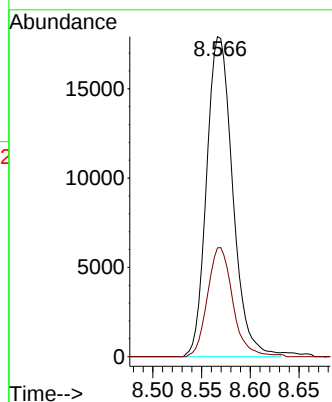
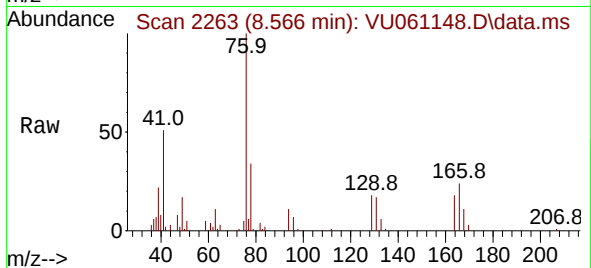




#53
1,3-Dichloropropane
Concen: 2.035 ug/l
RT: 8.566 min Scan# 2263
Delta R.T. -0.000 min
Lab File: VU061148.D
Acq: 17 Oct 2024 17:29

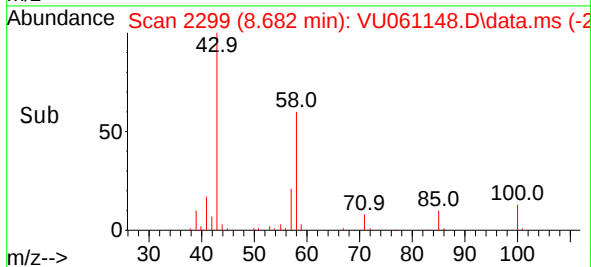
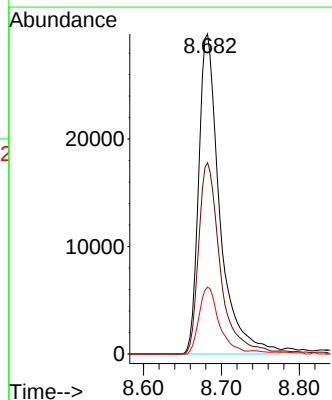
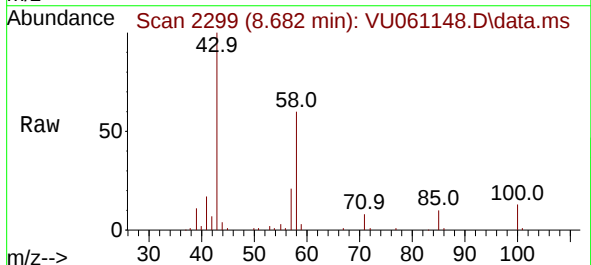
Instrument :
MSVOA_U
ClientSampleId :

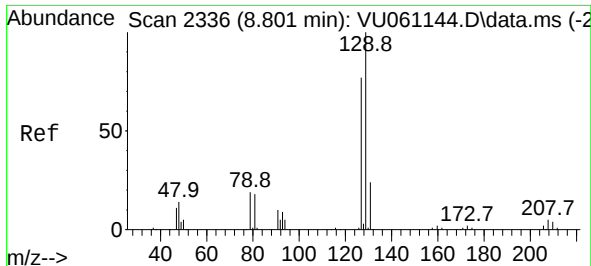
Tgt Ion: 76 Resp: 33354
Ion Ratio Lower Upper
76 100
78 33.2 26.2 39.2



#54
2-Hexanone
Concen: 9.839 ug/l
RT: 8.682 min Scan# 2299
Delta R.T. 0.006 min
Lab File: VU061148.D
Acq: 17 Oct 2024 17:29

Tgt Ion: 43 Resp: 56140
Ion Ratio Lower Upper
43 100
58 61.0 41.8 81.8
57 19.9 1.4 41.4





#55

Dibromochloromethane

Concen: 2.016 ug/l

RT: 8.801 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VU061148.D

Acq: 17 Oct 2024 17:29

Instrument :

MSVOA_U

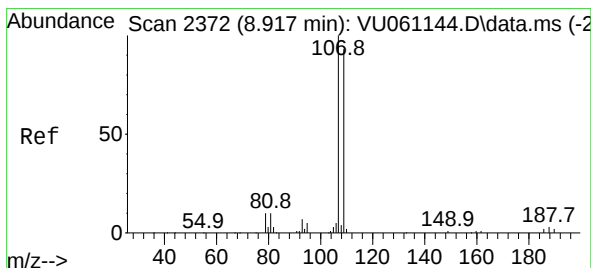
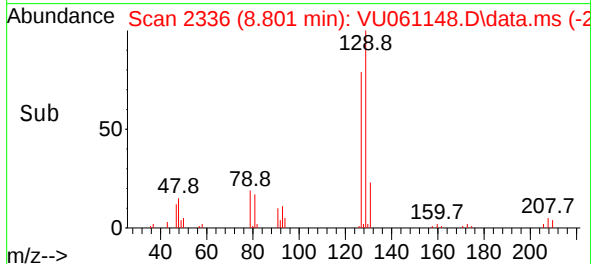
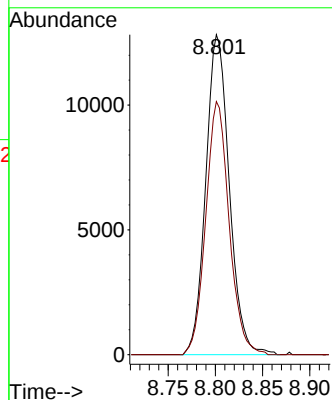
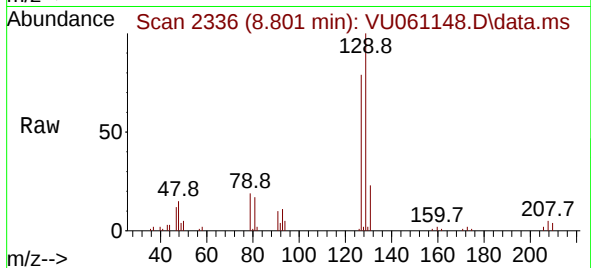
ClientSampleId :

Tgt Ion:129 Resp: 22209

Ion Ratio Lower Upper

129 100

127 78.6 61.9 92.9



#56

1,2-Dibromoethane

Concen: 2.018 ug/l

RT: 8.917 min Scan# 2372

Delta R.T. -0.000 min

Lab File: VU061148.D

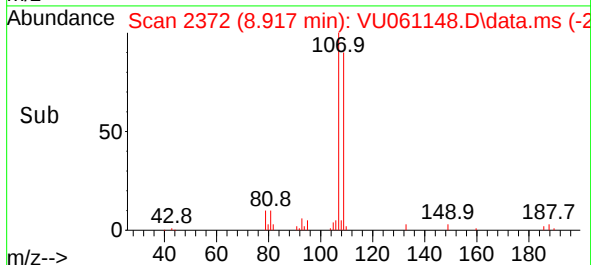
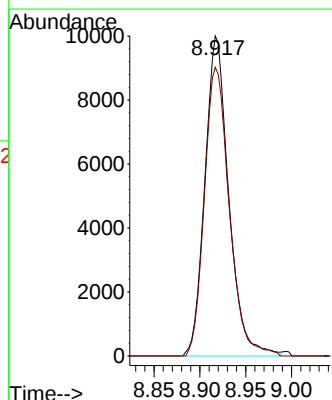
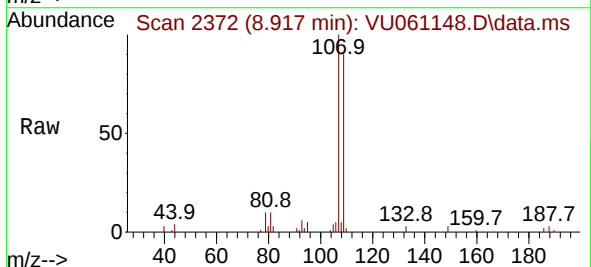
Acq: 17 Oct 2024 17:29

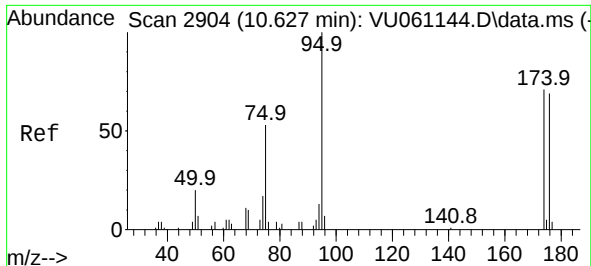
Tgt Ion:107 Resp: 18069

Ion Ratio Lower Upper

107 100

109 94.4 0.0 185.2





#57

4-Bromofluorobenzene

Concen: 0.968 ug/l

RT: 10.627 min Scan# 2904

Delta R.T. -0.000 min

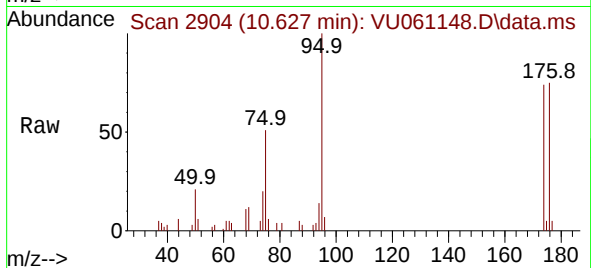
Lab File: VU061148.D

Acq: 17 Oct 2024 17:29

Instrument :

MSVOA_U

ClientSampleId :



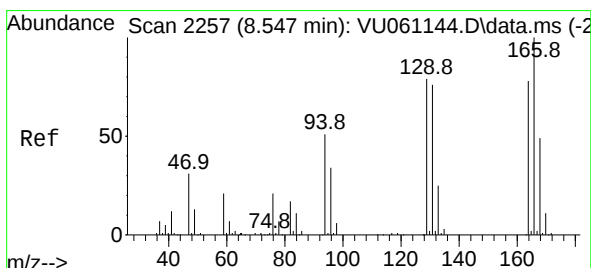
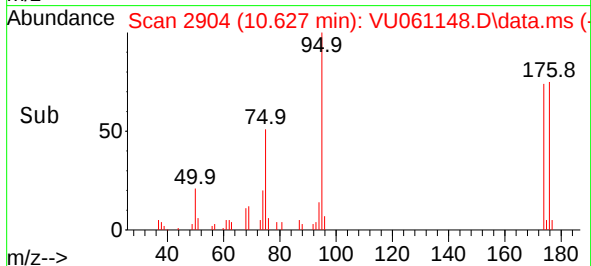
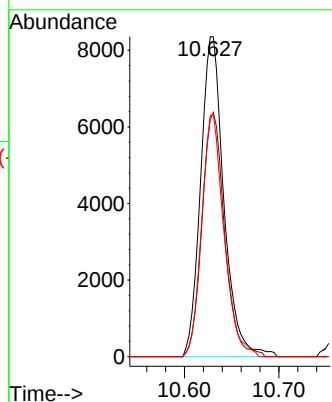
Tgt Ion: 95 Resp: 14272

Ion Ratio Lower Upper

95 100

174 74.0 55.4 83.0

176 73.1 54.4 81.6



#58

Tetrachloroethene

Concen: 2.135 ug/l

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

Lab File: VU061148.D

Acq: 17 Oct 2024 17:29

Tgt Ion: 164 Resp: 25453

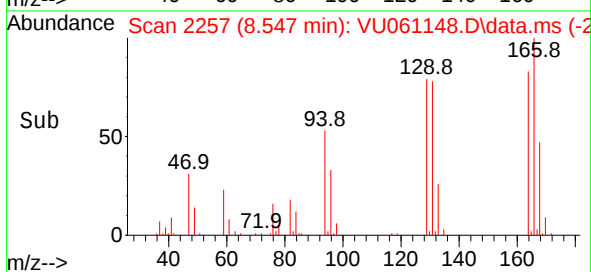
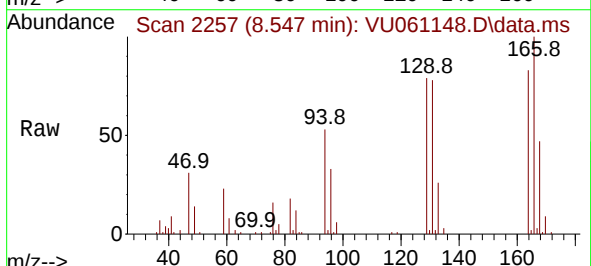
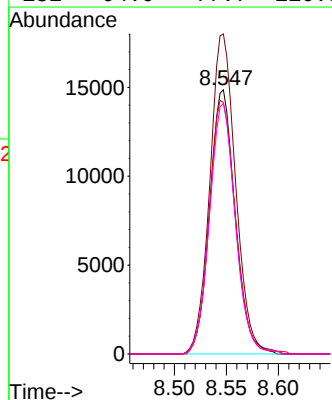
Ion Ratio Lower Upper

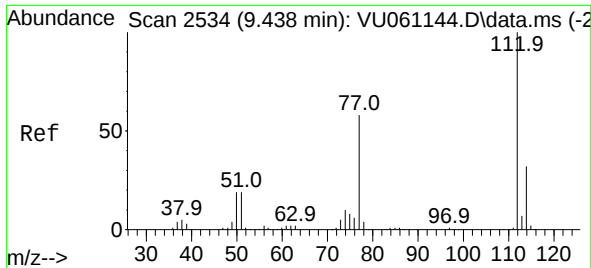
164 100

166 121.1 102.1 153.1

129 95.2 80.6 120.8

131 94.9 77.7 116.5





#59

Chlorobenzene

Concen: 1.980 ug/l

RT: 9.441 min Scan# 2535

Delta R.T. 0.003 min

Lab File: VU061148.D

Acq: 17 Oct 2024 17:29

Instrument :

MSVOA_U

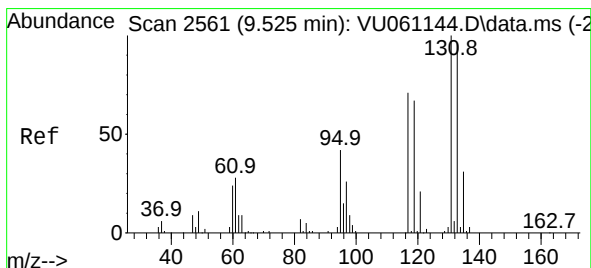
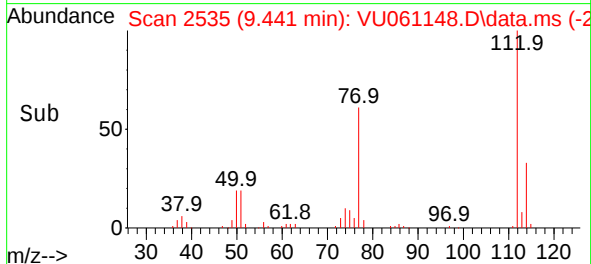
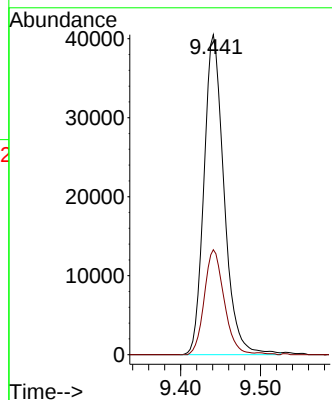
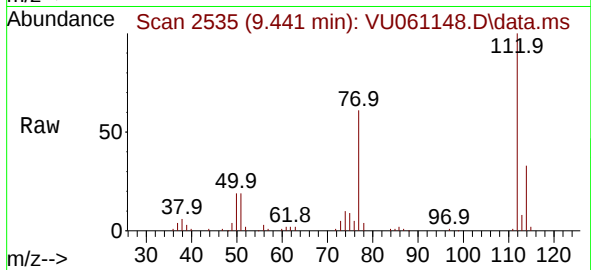
ClientSampleId :

Tgt Ion:112 Resp: 70974

Ion Ratio Lower Upper

112 100

114 32.8 25.4 38.2



#60

1,1,1,2-Tetrachloroethane

Concen: 2.012 ug/l

RT: 9.524 min Scan# 2561

Delta R.T. -0.000 min

Lab File: VU061148.D

Acq: 17 Oct 2024 17:29

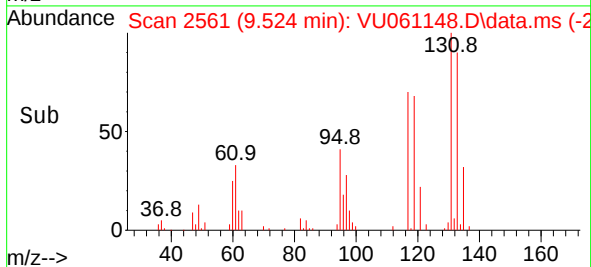
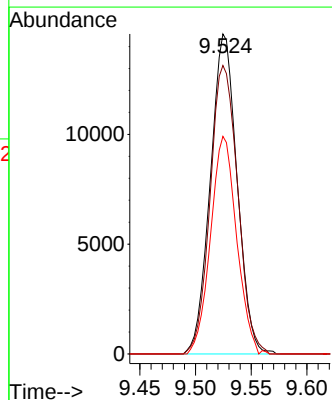
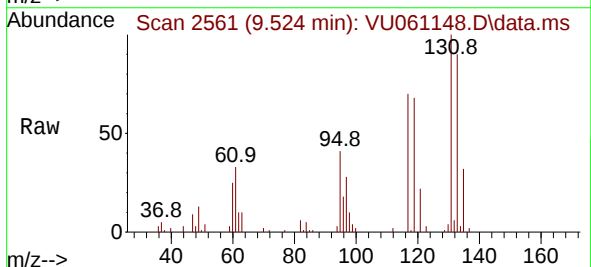
Tgt Ion:131 Resp: 24333

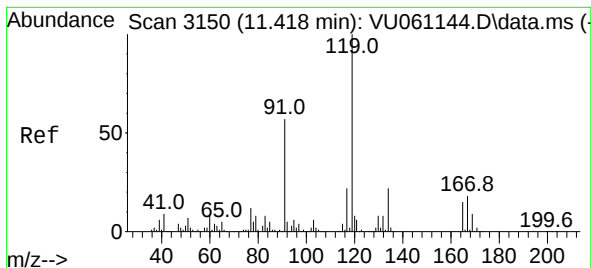
Ion Ratio Lower Upper

131 100

133 93.0 76.8 115.2

119 66.3 54.2 81.2





#61

Pentachloroethane

Concen: 1.779 ug/l

RT: 11.418 min Scan# 3150

Delta R.T. -0.000 min

Lab File: VU061148.D

Acq: 17 Oct 2024 17:29

Instrument :

MSVOA_U

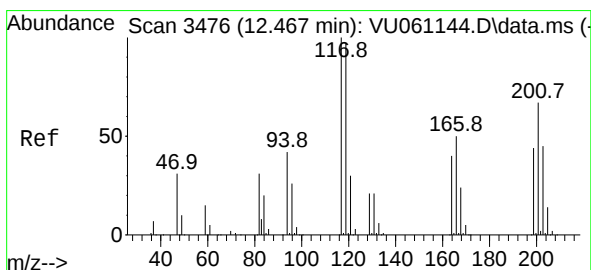
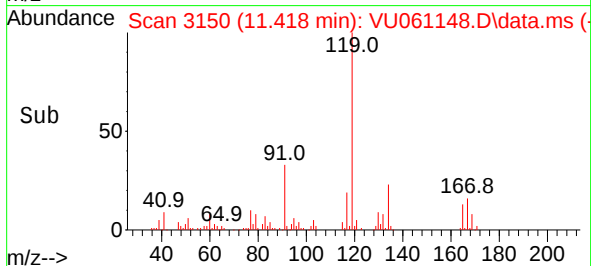
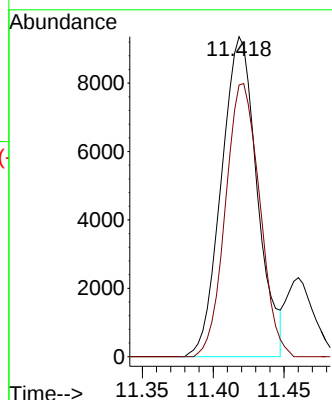
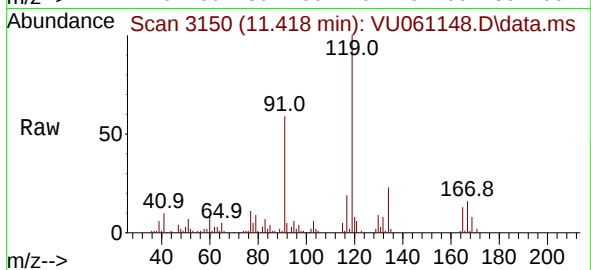
ClientSampleId :

Tgt Ion:117 Resp: 16466

Ion Ratio Lower Upper

117 100

167 81.3 63.4 95.2



#62

Hexachloroethane

Concen: 1.838 ug/l

RT: 12.466 min Scan# 3476

Delta R.T. -0.000 min

Lab File: VU061148.D

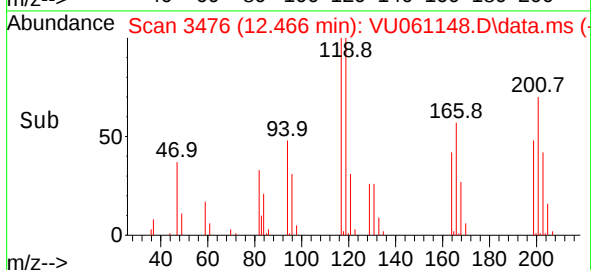
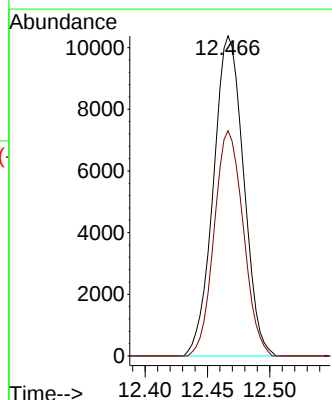
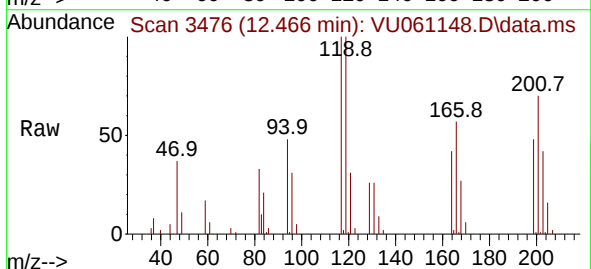
Acq: 17 Oct 2024 17:29

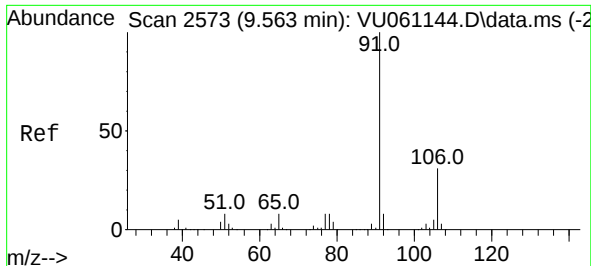
Tgt Ion:117 Resp: 17533

Ion Ratio Lower Upper

117 100

201 67.8 54.3 81.5

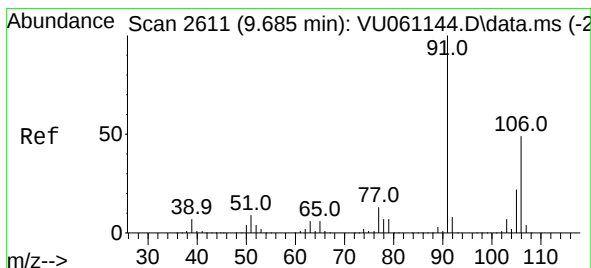
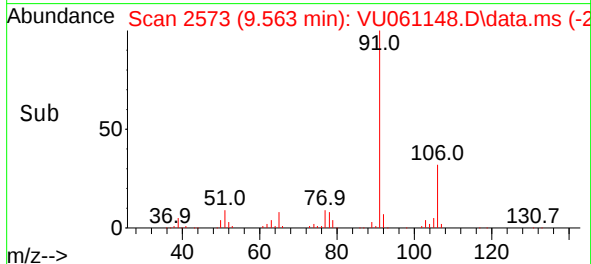
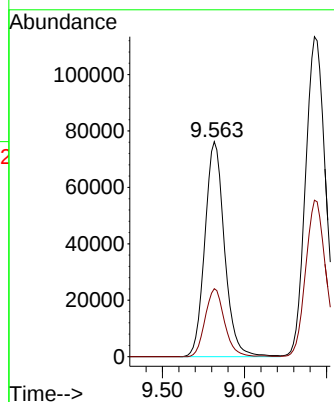
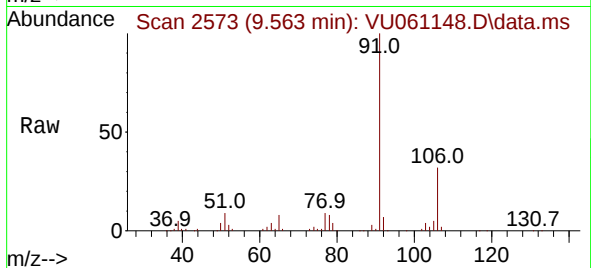




#63
Ethyl Benzene
Concen: 1.976 ug/l
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU061148.D
Acq: 17 Oct 2024 17:29

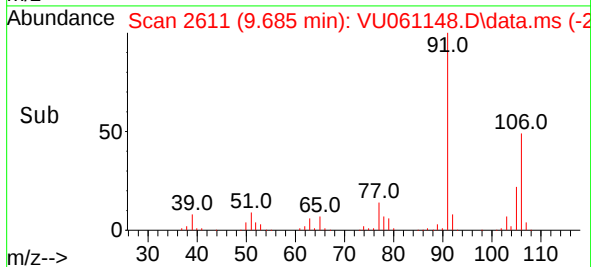
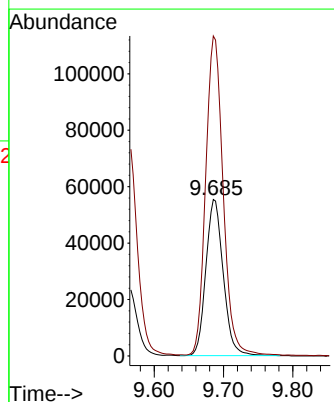
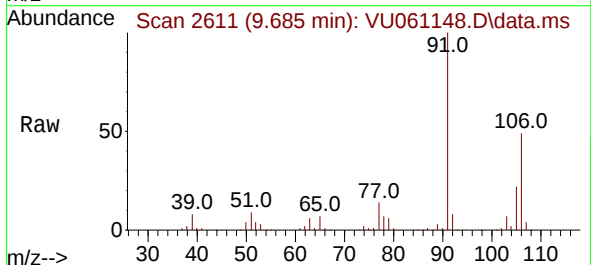
Instrument :
MSVOA_U
ClientSampleId :

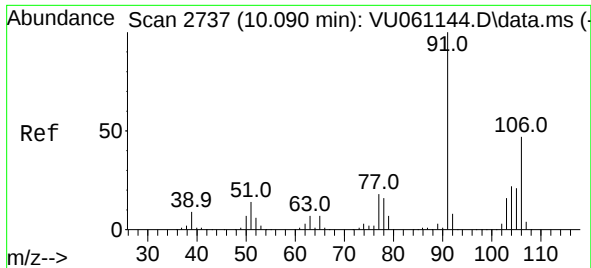
Tgt Ion: 91 Resp: 126953
Ion Ratio Lower Upper
91 100
106 31.6 24.6 37.0



#64
m/p-Xylenes
Concen: 3.938 ug/l
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU061148.D
Acq: 17 Oct 2024 17:29

Tgt Ion: 106 Resp: 96258
Ion Ratio Lower Upper
106 100
91 205.2 163.3 244.9

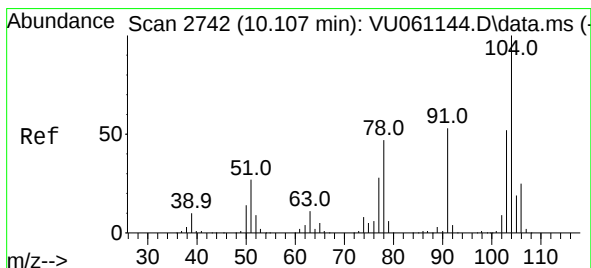
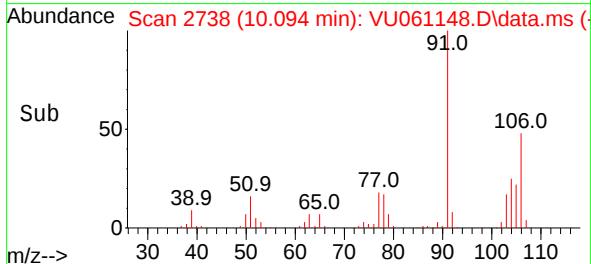
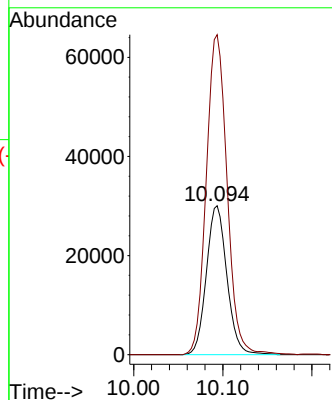
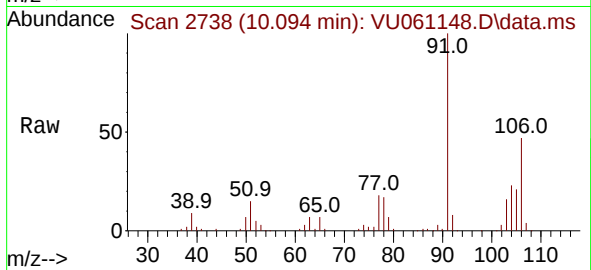




#65
o-Xylene
Concen: 1.994 ug/l
RT: 10.094 min Scan# 2737
Delta R.T. 0.003 min
Lab File: VU061148.D
Acq: 17 Oct 2024 17:29

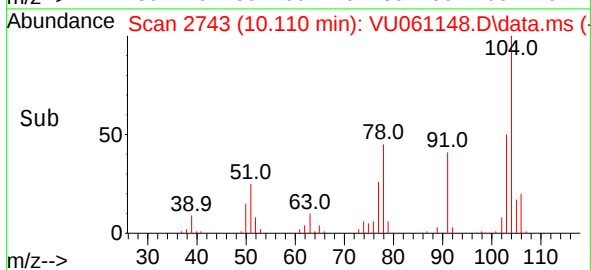
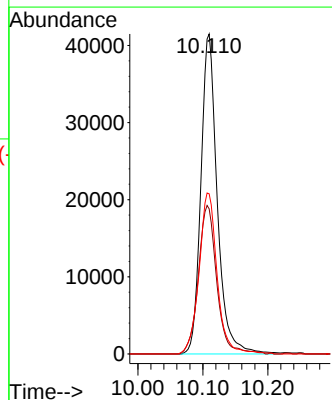
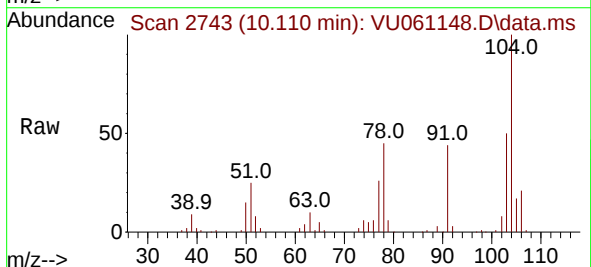
Instrument :
MSVOA_U
ClientSampleId :

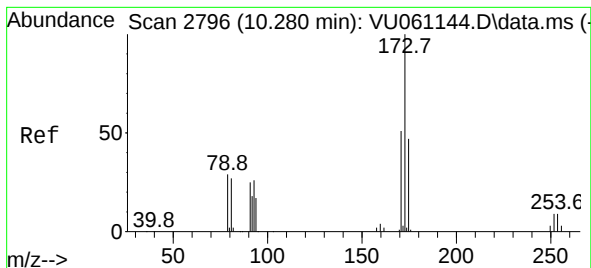
Tgt Ion:106 Resp: 48017
Ion Ratio Lower Upper
106 100
91 217.7 106.9 320.8



#66
Styrene
Concen: 1.950 ug/l
RT: 10.110 min Scan# 2743
Delta R.T. 0.003 min
Lab File: VU061148.D
Acq: 17 Oct 2024 17:29

Tgt Ion:104 Resp: 73009
Ion Ratio Lower Upper
104 100
78 52.0 41.6 62.4
103 55.5 45.0 67.6





#67

Bromoform

Concen: 1.919 ug/l

RT: 10.283 min Scan# 2796

Delta R.T. 0.003 min

Lab File: VU061148.D

Acq: 17 Oct 2024 17:29

Instrument :

MSVOA_U

ClientSampleId :

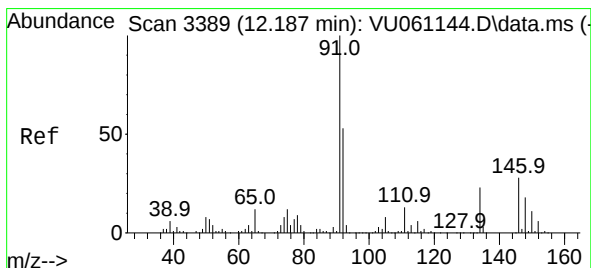
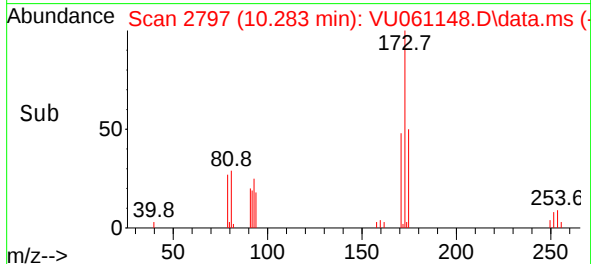
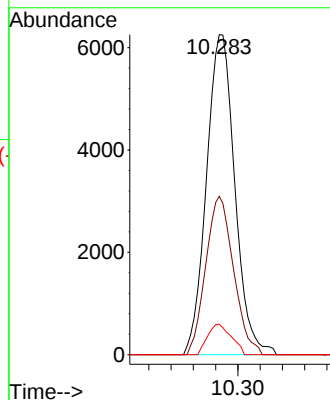
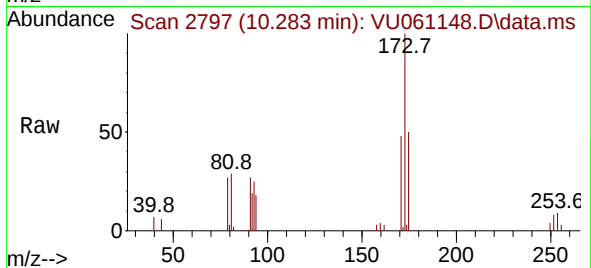
Tgt Ion:173 Resp: 11071

Ion Ratio Lower Upper

173 100

175 48.3 37.8 56.8

254 7.9 7.0 10.4



#68

1,2-Dichlorobenzene-d4

Concen: 0.965 ug/l

RT: 12.187 min Scan# 3389

Delta R.T. -0.000 min

Lab File: VU061148.D

Acq: 17 Oct 2024 17:29

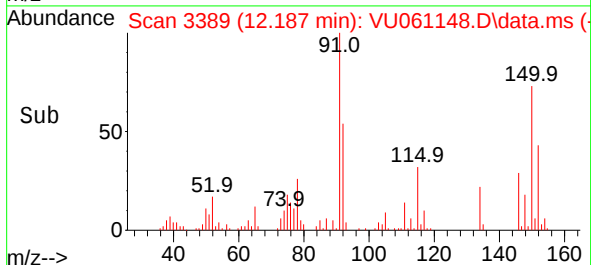
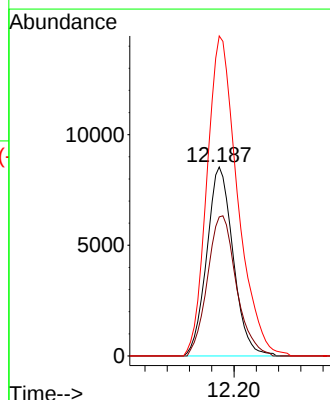
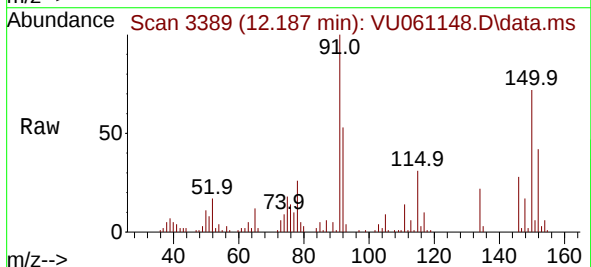
Tgt Ion:152 Resp: 14018

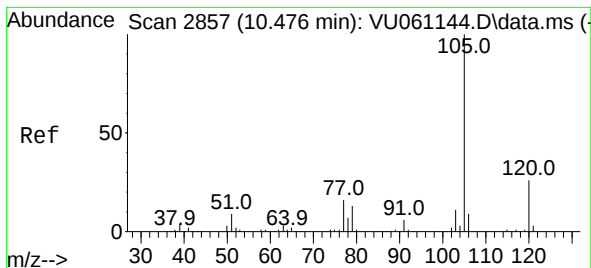
Ion Ratio Lower Upper

152 100

115 81.3 0.0 275.0

150 196.3 0.0 668.8





#69

Isopropylbenzene

Concen: 1.947 ug/l

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU061148.D

Acq: 17 Oct 2024 17:29

Instrument :

MSVOA_U

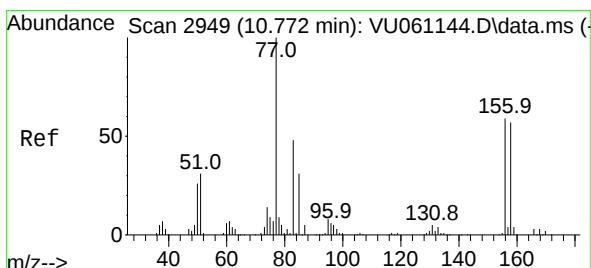
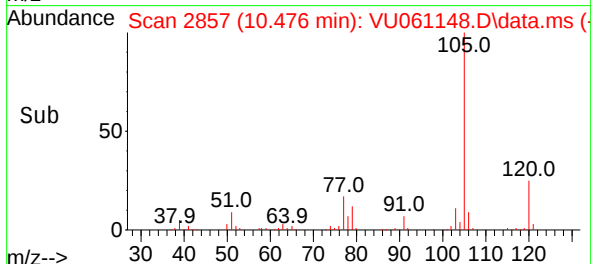
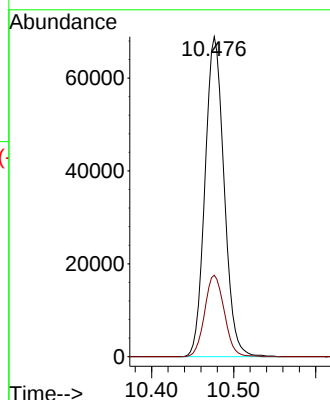
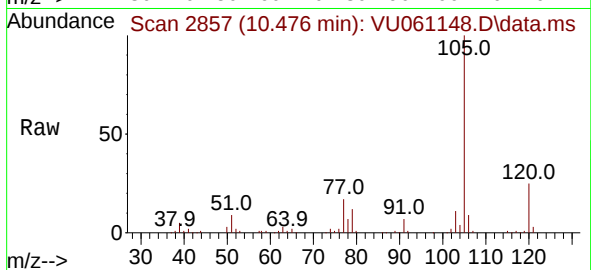
ClientSampleId :

Tgt Ion:105 Resp: 111500

Ion Ratio Lower Upper

105 100

120 26.1 13.1 39.1



#70

1,1,2,2-Tetrachloroethane

Concen: 1.992 ug/l

RT: 10.772 min Scan# 2949

Delta R.T. -0.000 min

Lab File: VU061148.D

Acq: 17 Oct 2024 17:29

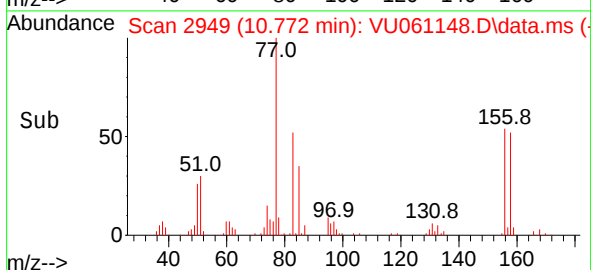
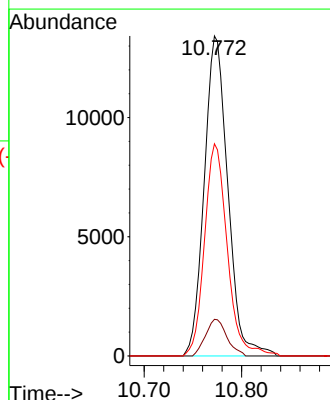
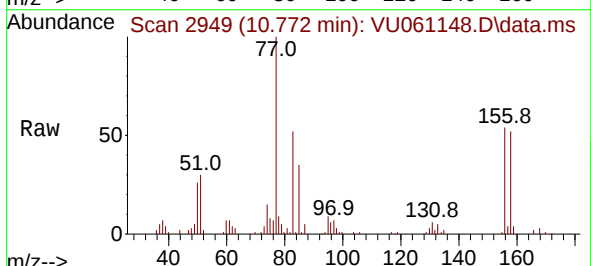
Tgt Ion: 83 Resp: 22580

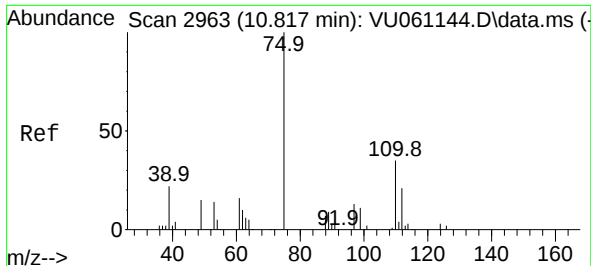
Ion Ratio Lower Upper

83 100

131 10.3 7.8 11.8

85 64.0 50.8 76.2

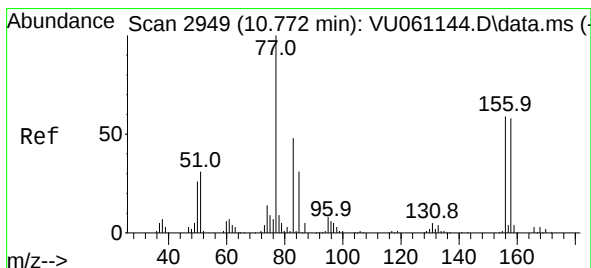
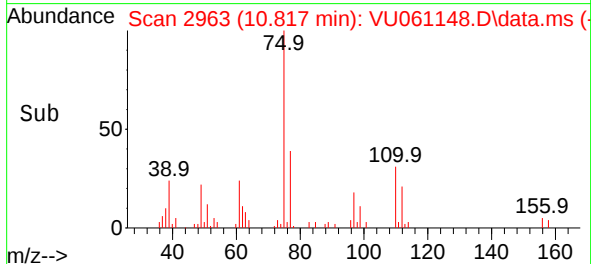
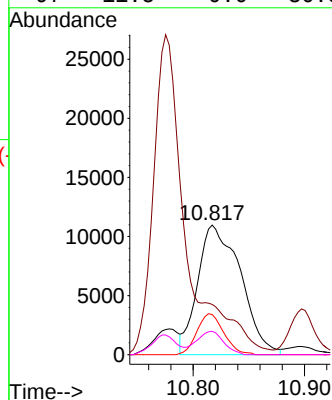
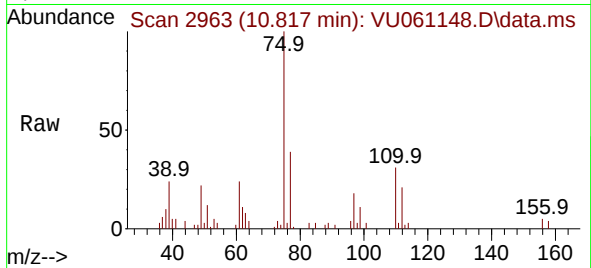




#71
1,2,3-Trichloropropane
Concen: 3.186 ug/l
RT: 10.817 min Scan# 2963
Delta R.T. -0.000 min
Lab File: VU061148.D
Acq: 17 Oct 2024 17:29

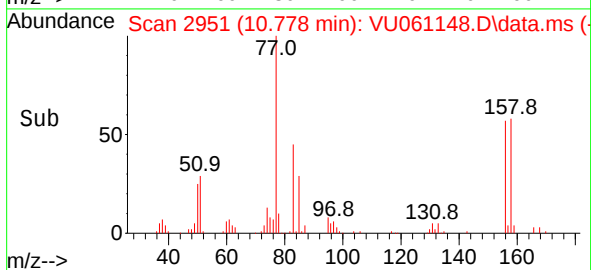
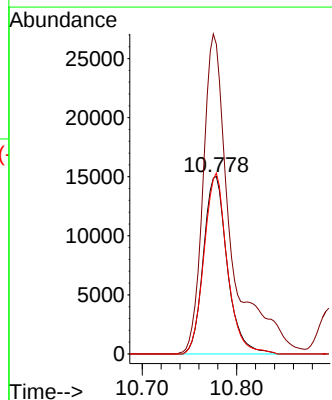
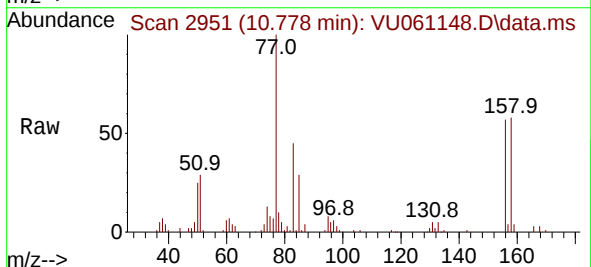
Instrument :
MSVOA_U
ClientSampleId :

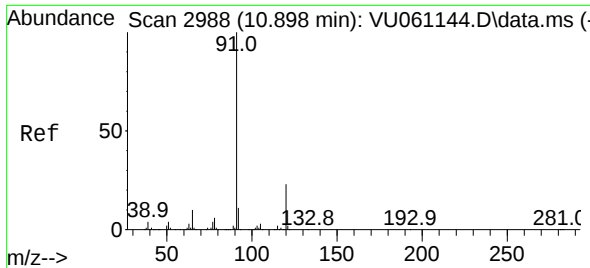
Tgt Ion:	75	Resp:	29406
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0
110	19.8	0.0	68.6
97	11.5	0.0	36.8



#72
Bromobenzene
Concen: 1.913 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.006 min
Lab File: VU061148.D
Acq: 17 Oct 2024 17:29

Tgt Ion:	156	Resp:	26350
Ion Ratio	Lower	Upper	
156	100		
77	209.7	0.0	337.2
158	99.1	0.0	192.8

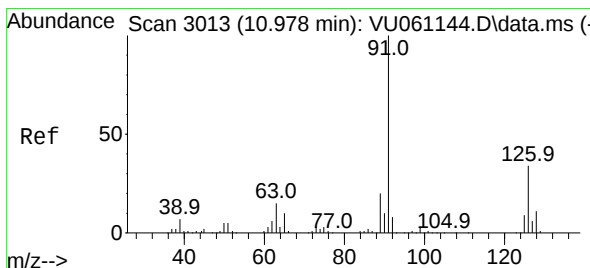
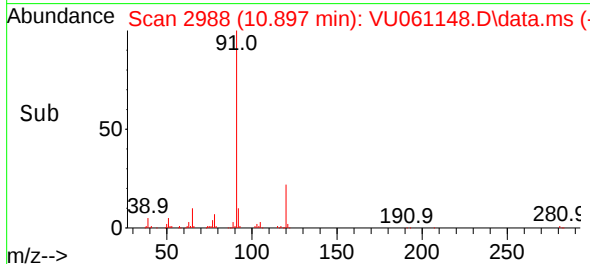
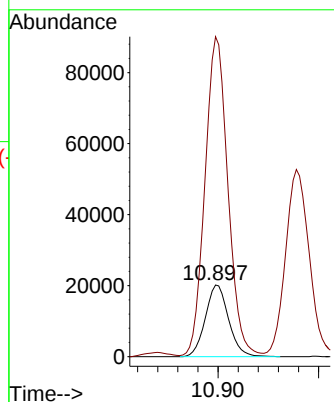
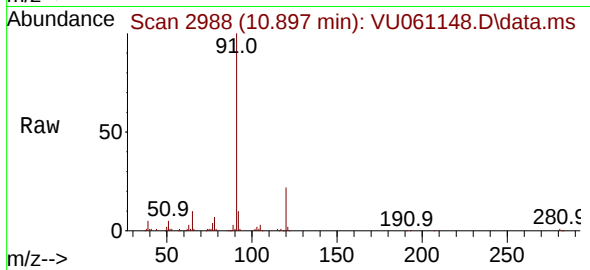




#73
n-propylbenzene
Concen: 1.933 ug/l
RT: 10.897 min Scan# 2988
Delta R.T. -0.000 min
Lab File: VU061148.D
Acq: 17 Oct 2024 17:29

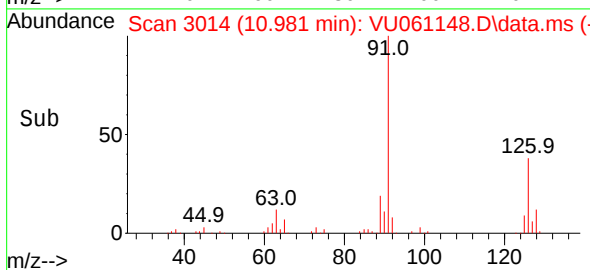
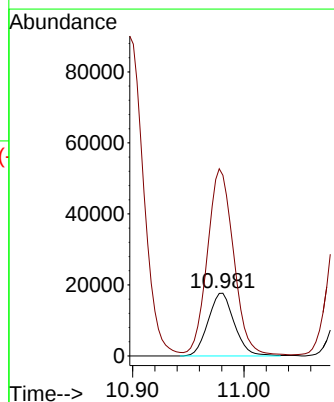
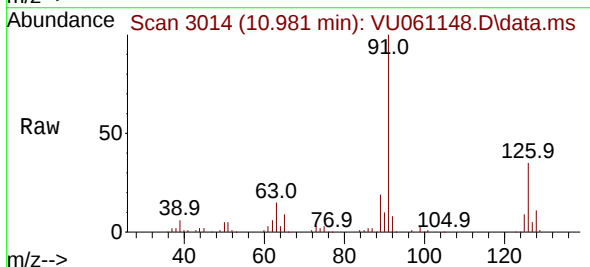
Instrument :
MSVOA_U
ClientSampleId :

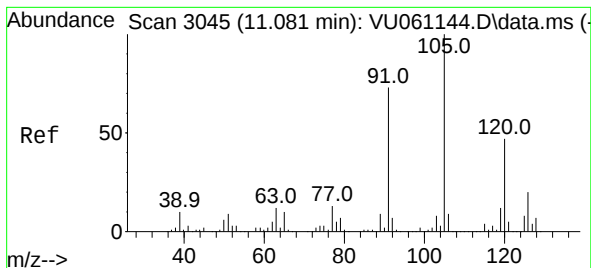
Tgt Ion:120 Resp: 32314
Ion Ratio Lower Upper
120 100
91 438.6 353.6 530.4



#74
2-Chlorotoluene
Concen: 1.996 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.003 min
Lab File: VU061148.D
Acq: 17 Oct 2024 17:29

Tgt Ion:126 Resp: 28851
Ion Ratio Lower Upper
126 100
91 296.2 0.0 595.2





#75

1,3,5-Trimethylbenzene

Concen: 1.966 ug/l

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU061148.D

Acq: 17 Oct 2024 17:29

Instrument :

MSVOA_U

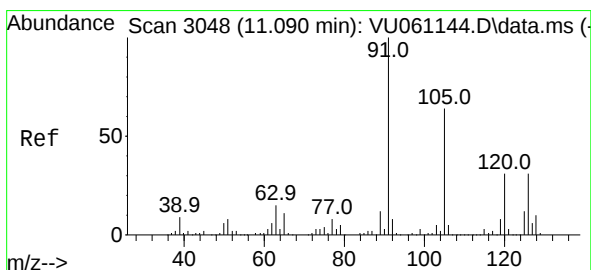
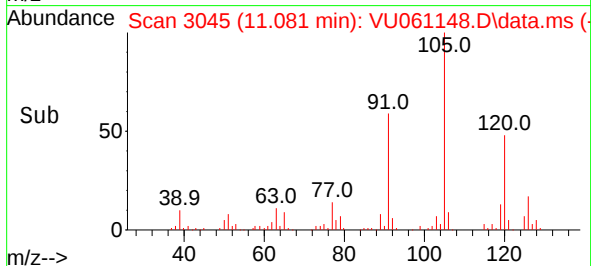
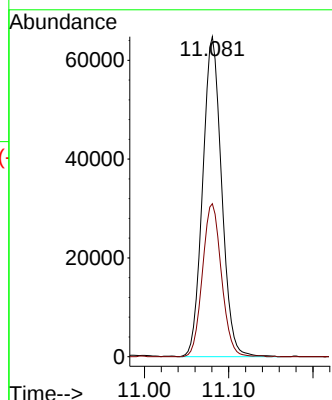
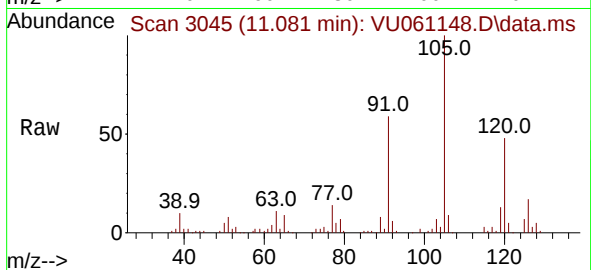
ClientSampleId :

Tgt Ion:105 Resp: 101531

Ion Ratio Lower Upper

105 100

120 47.8 38.0 57.0



#76

4-Chlorotoluene

Concen: 1.965 ug/l

RT: 11.090 min Scan# 3048

Delta R.T. -0.000 min

Lab File: VU061148.D

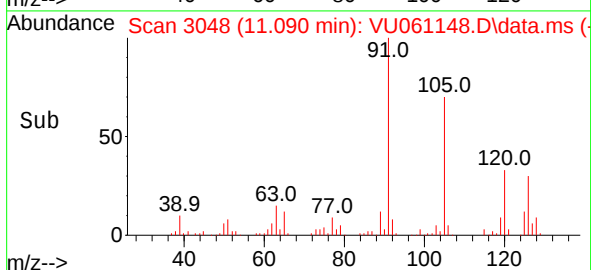
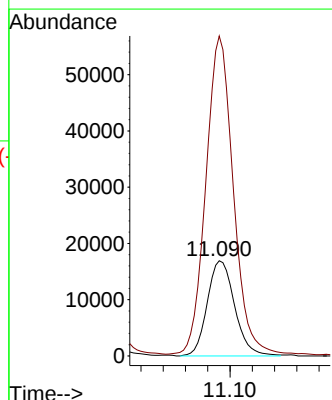
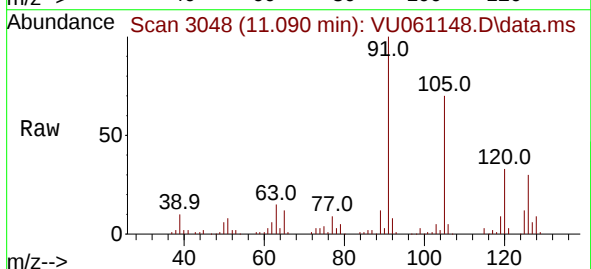
Acq: 17 Oct 2024 17:29

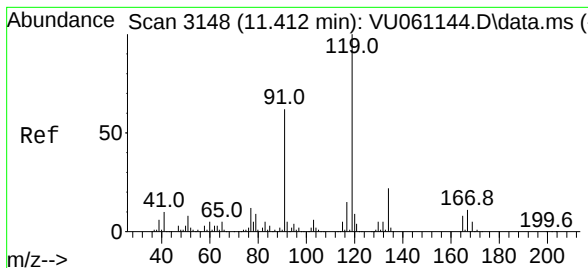
Tgt Ion:126 Resp: 28872

Ion Ratio Lower Upper

126 100

91 335.7 0.0 678.2





#77

tert-Butylbenzene

Concen: 1.937 ug/l

RT: 11.412 min Scan# 3148

Delta R.T. -0.000 min

Lab File: VU061148.D

Acq: 17 Oct 2024 17:29

Instrument :

MSVOA_U

ClientSampleId :

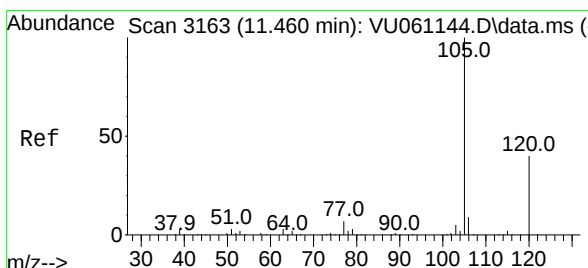
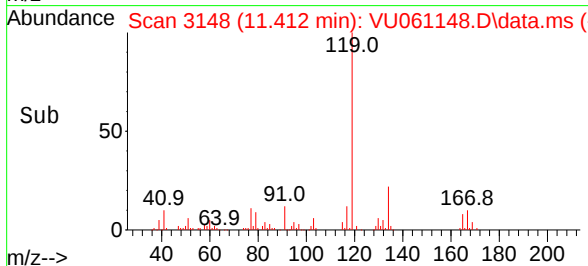
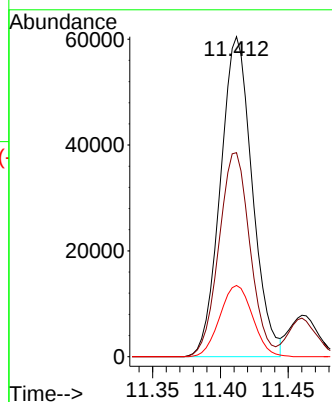
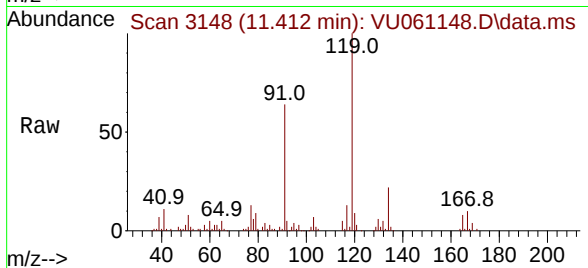
Tgt Ion:119 Resp: 98856

Ion Ratio Lower Upper

119 100

91 62.3 30.1 90.5

134 22.9 17.5 26.3



#78

1,2,4-Trimethylbenzene

Concen: 1.928 ug/l

RT: 11.460 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VU061148.D

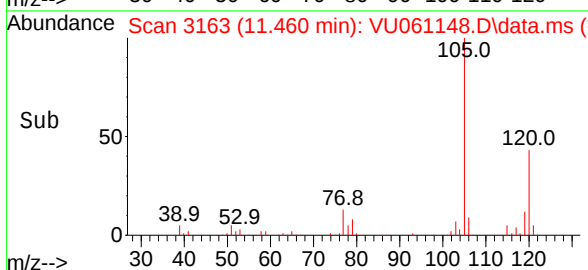
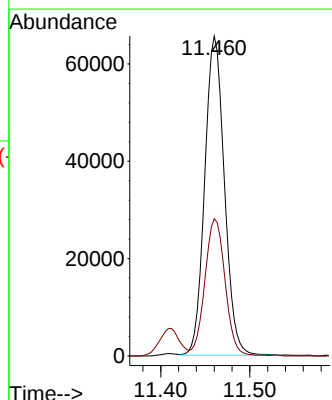
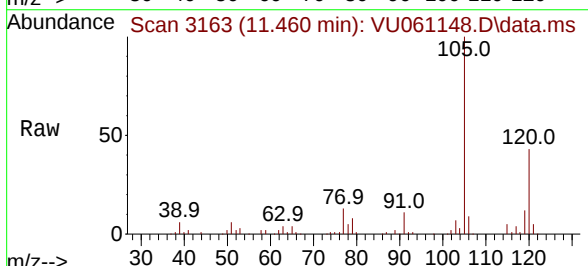
Acq: 17 Oct 2024 17:29

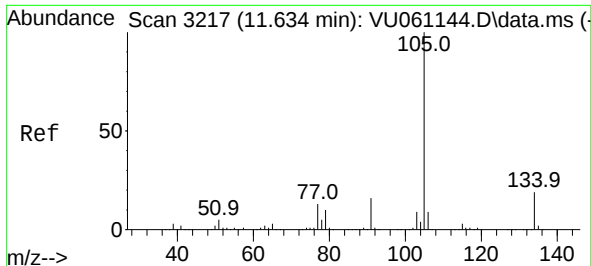
Tgt Ion:105 Resp: 100519

Ion Ratio Lower Upper

105 100

120 43.9 22.3 66.9





#79

sec-Butylbenzene

Concen: 1.953 ug/l

RT: 11.634 min Scan# 3217

Delta R.T. -0.000 min

Lab File: VU061148.D

Acq: 17 Oct 2024 17:29

Instrument :

MSVOA_U

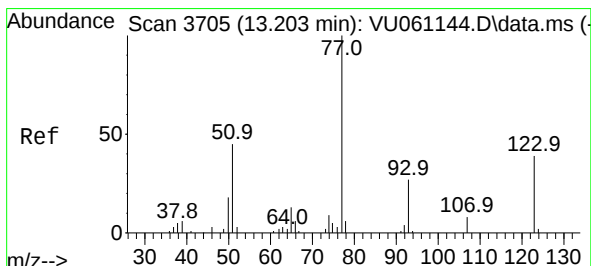
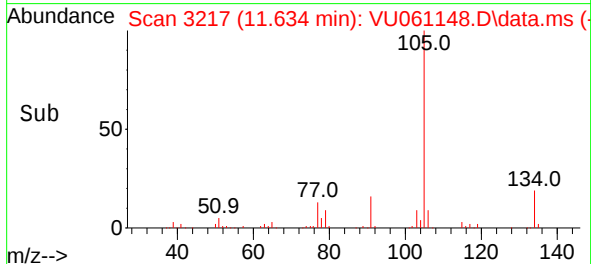
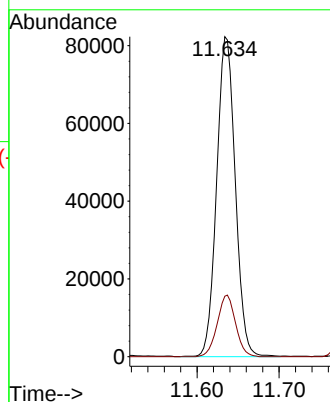
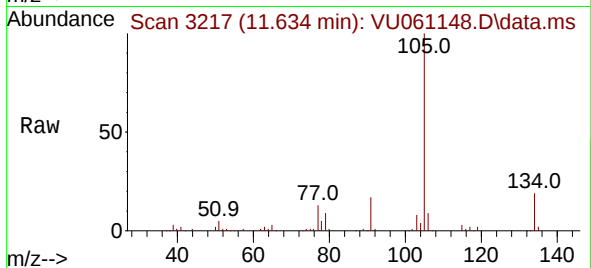
ClientSampleId :

Tgt Ion:105 Resp: 129850

Ion Ratio Lower Upper

105 100

134 18.9 15.5 23.3



#80

Nitrobenzene

Concen: 9.606 ug/l

RT: 13.229 min Scan# 3713

Delta R.T. 0.026 min

Lab File: VU061148.D

Acq: 17 Oct 2024 17:29

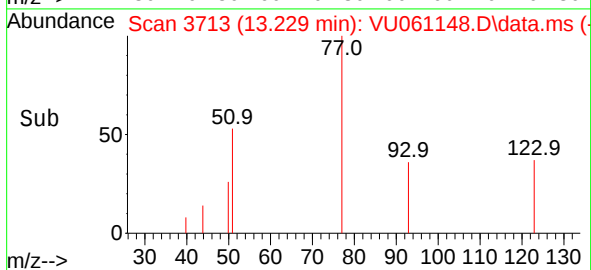
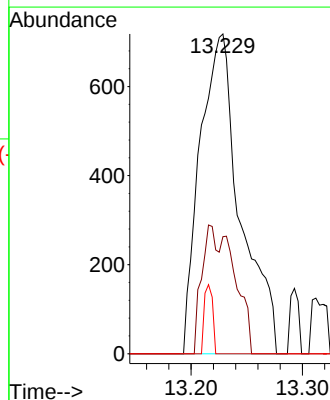
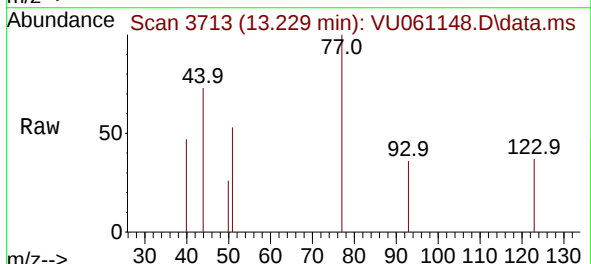
Tgt Ion: 77 Resp: 1809

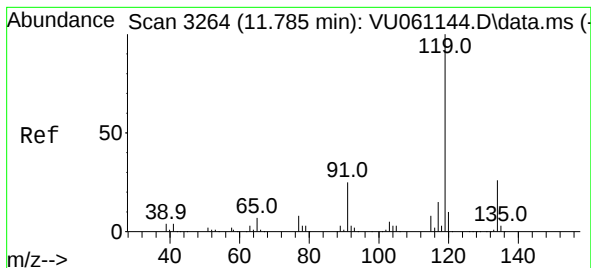
Ion Ratio Lower Upper

77 100

123 16.7 15.6 55.2

65 4.5 10.7 13.7#





#81

p-Isopropyltoluene

Concen: 1.914 ug/l

RT: 11.785 min Scan# 31

Delta R.T. -0.000 min MSVOA_U

Lab File: VU061148.D

Acq: 17 Oct 2024 17:29

Instrument :

MSVOA_U

ClientSampleId :

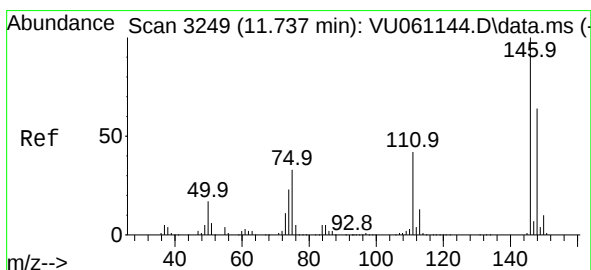
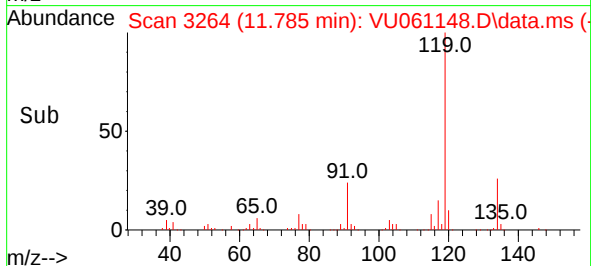
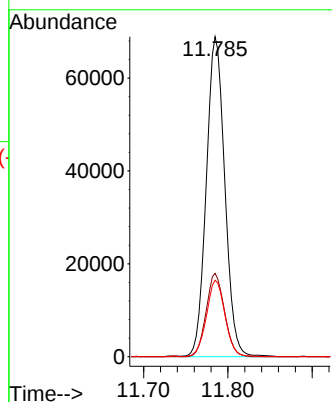
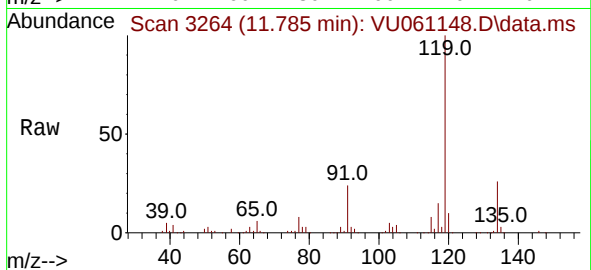
Tgt Ion:119 Resp: 105369

Ion Ratio Lower Upper

119 100

134 25.7 21.0 31.6

91 24.0 19.8 29.8



#82

1,3-Dichlorobenzene

Concen: 1.961 ug/l

RT: 11.740 min Scan# 3250

Delta R.T. 0.003 min

Lab File: VU061148.D

Acq: 17 Oct 2024 17:29

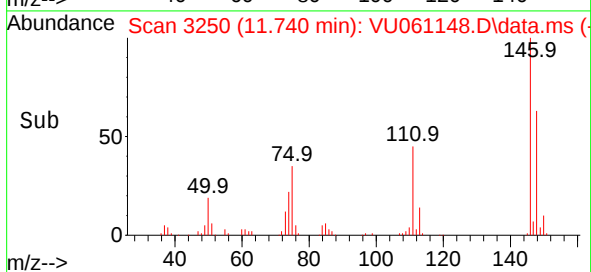
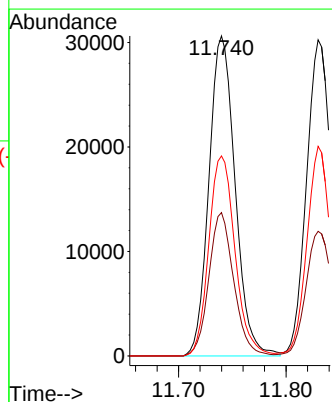
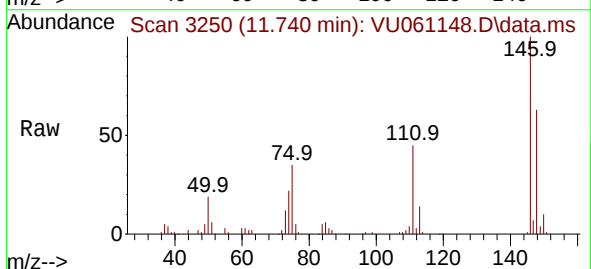
Tgt Ion:146 Resp: 51826

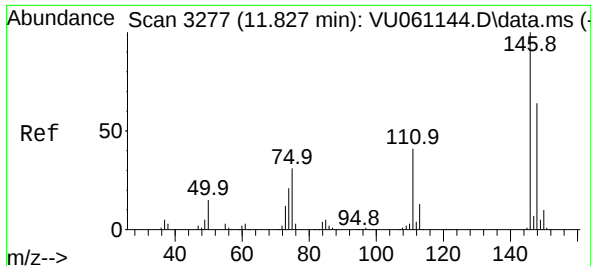
Ion Ratio Lower Upper

146 100

111 42.7 34.1 51.1

148 62.7 51.2 76.8





#83

1,4-Dichlorobenzene

Concen: 1.901 ug/l

RT: 11.830 min Scan# 3277

Delta R.T. 0.003 min

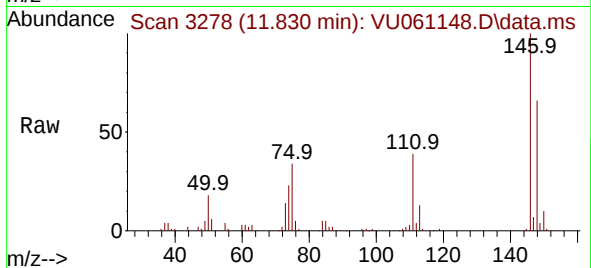
Lab File: VU061148.D

Acq: 17 Oct 2024 17:29

Instrument :

MSVOA_U

ClientSampleId :



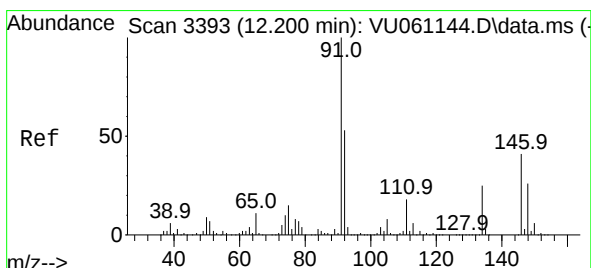
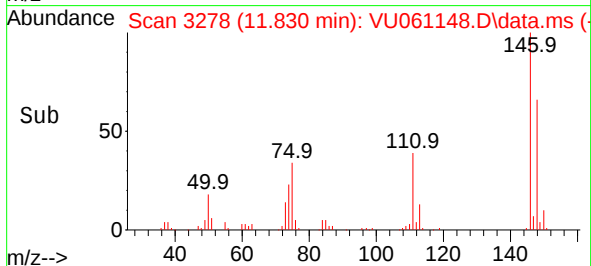
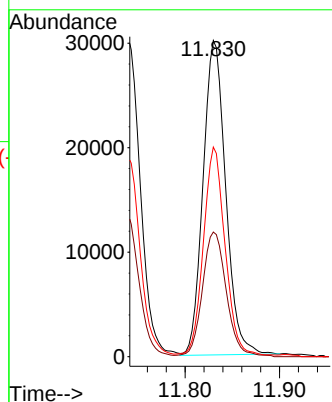
Tgt Ion:146 Resp: 50087

Ion Ratio Lower Upper

146 100

111 41.8 32.1 48.1

148 63.2 50.3 75.5



#84

n-Butylbenzene

Concen: 1.868 ug/l

RT: 12.200 min Scan# 3393

Delta R.T. -0.000 min

Lab File: VU061148.D

Acq: 17 Oct 2024 17:29

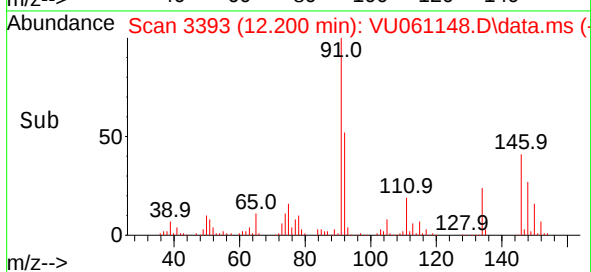
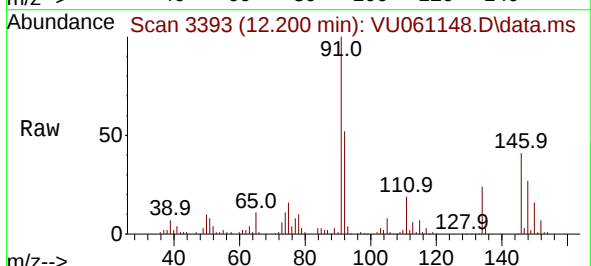
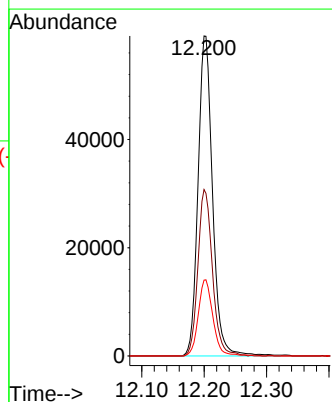
Tgt Ion: 91 Resp: 95404

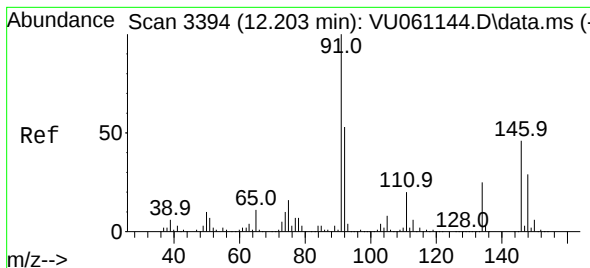
Ion Ratio Lower Upper

91 100

92 52.1 41.8 62.8

134 23.9 19.7 29.5





#85

1,2-Dichlorobenzene

Concen: 1.936 ug/l

RT: 12.206 min Scan# 3411

Delta R.T. 0.003 min

Lab File: VU061148.D

Acq: 17 Oct 2024 17:29

Instrument :

MSVOA_U

ClientSampleId :

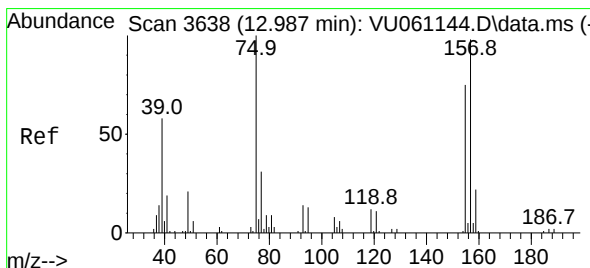
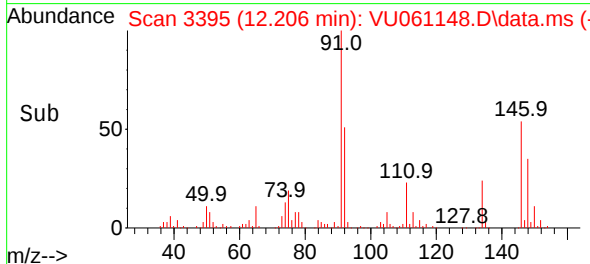
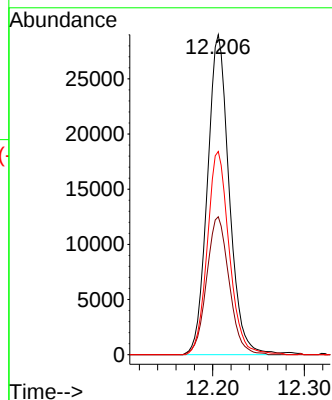
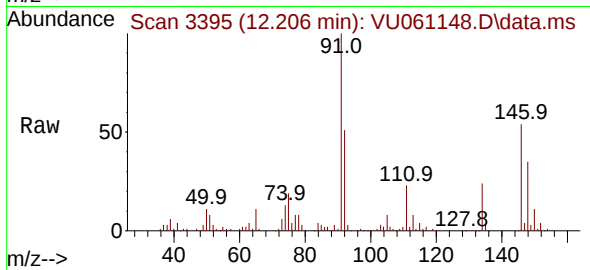
Tgt Ion:146 Resp: 47827

Ion Ratio Lower Upper

146 100

111 44.6 21.9 65.7

148 64.2 31.9 95.5



#86

1,2-Dibromo-3-Chloropropane

Concen: 2.097 ug/l

RT: 12.997 min Scan# 3641

Delta R.T. 0.010 min

Lab File: VU061148.D

Acq: 17 Oct 2024 17:29

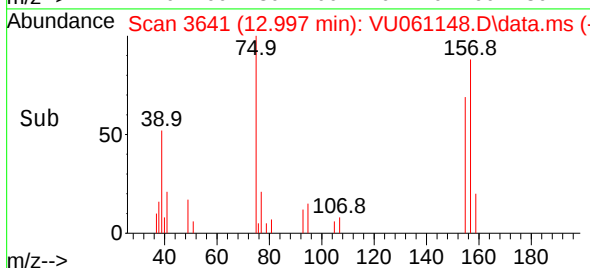
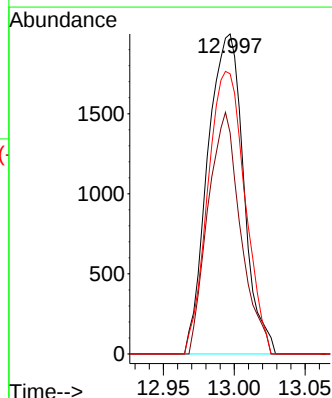
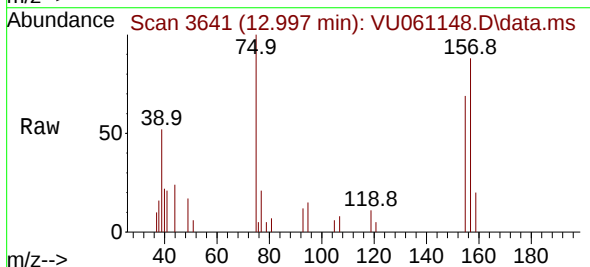
Tgt Ion: 75 Resp: 3527

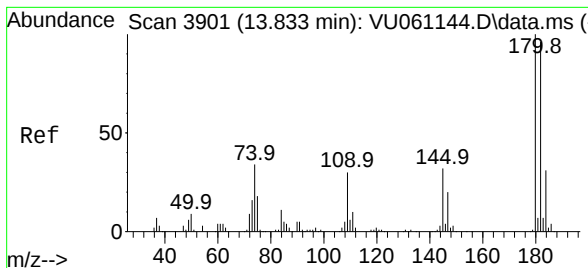
Ion Ratio Lower Upper

75 100

155 68.7 61.4 92.0

157 91.2 78.5 117.7





#87

1,2,4-Trichlorobenzene

Concen: 1.906 ug/l

RT: 13.836 min Scan# 3901

Delta R.T. 0.003 min

Lab File: VU061148.D

Acq: 17 Oct 2024 17:29

Instrument :

MSVOA_U

ClientSampleId :

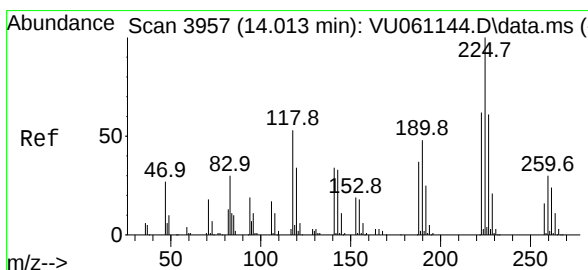
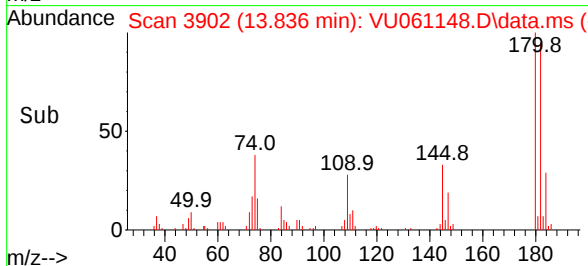
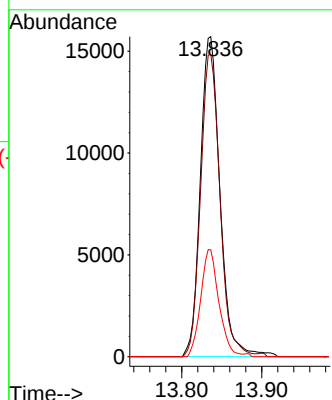
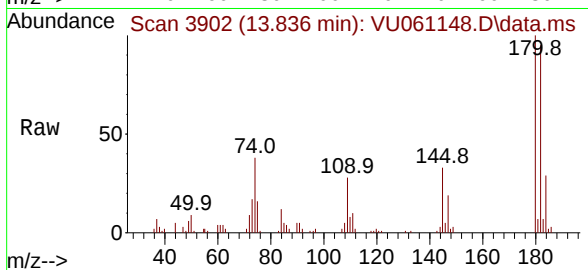
Tgt Ion:180 Resp: 26934

Ion Ratio Lower Upper

180 100

182 93.2 77.0 115.6

145 31.2 25.7 38.5



#88

Hexachlorobutadiene

Concen: 1.957 ug/l

RT: 14.013 min Scan# 3957

Delta R.T. -0.000 min

Lab File: VU061148.D

Acq: 17 Oct 2024 17:29

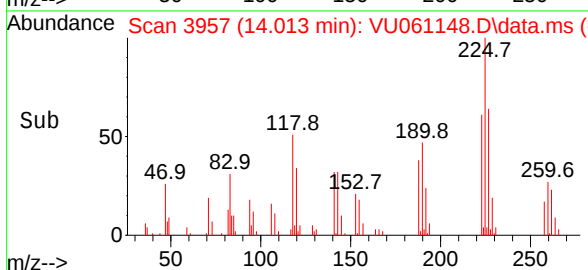
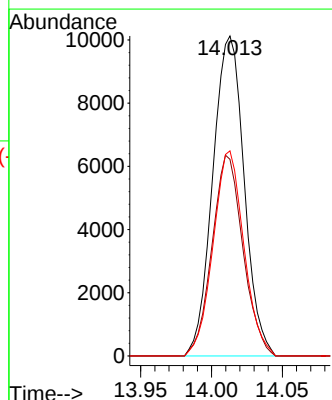
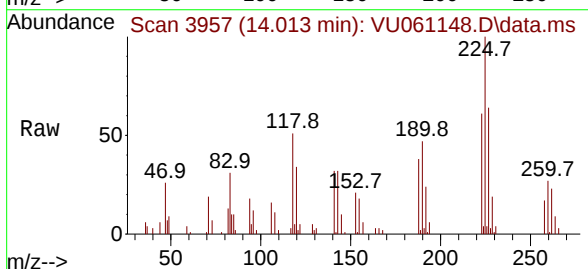
Tgt Ion:225 Resp: 15633

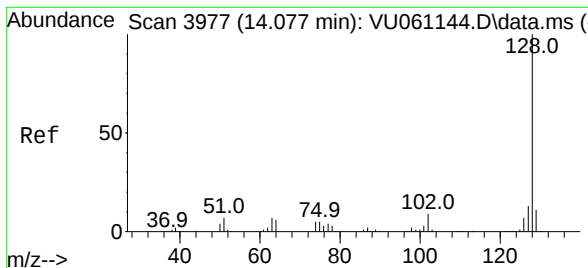
Ion Ratio Lower Upper

225 100

223 61.8 51.4 77.2

227 62.8 50.3 75.5





#89

Naphthalene

Concen: 1.849 ug/l

RT: 14.084 min Scan# 3979

Delta R.T. 0.006 min

Lab File: VU061148.D

Acq: 17 Oct 2024 17:29

Instrument :

MSVOA_U

ClientSampleId :

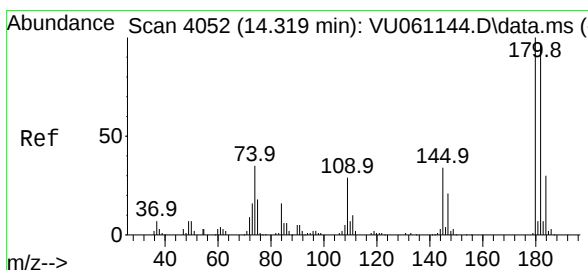
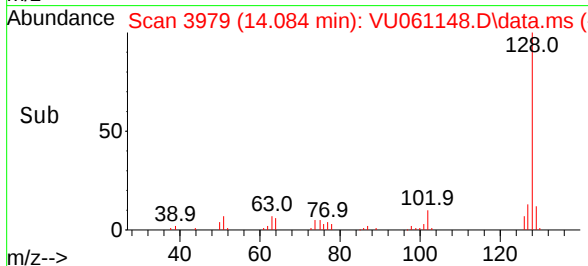
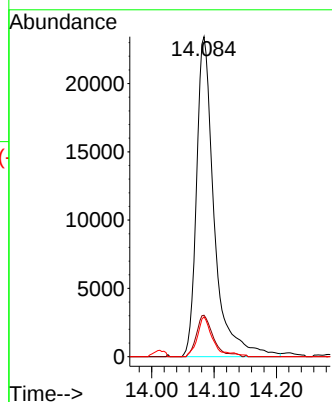
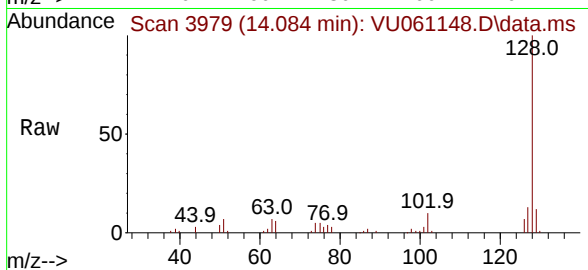
Tgt Ion:128 Resp: 46105

Ion Ratio Lower Upper

128 100

127 12.3 10.6 16.0

129 11.0 8.7 13.1



#90

1,2,3-Trichlorobenzene

Concen: 1.916 ug/l

RT: 14.325 min Scan# 4054

Delta R.T. 0.006 min

Lab File: VU061148.D

Acq: 17 Oct 2024 17:29

Tgt Ion:180 Resp: 24318

Ion Ratio Lower Upper

180 100

182 92.4 76.2 114.4

145 33.7 26.8 40.2

