

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021025\
 Data File : VU063222.D
 Acq On : 10 Feb 2025 14:23
 Operator : MD/SY
 Sample : VSTDIC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 11 03:59:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021025DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 11 03:56:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.103	96	55729	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.624	95	17913	0.974	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.000%	
68) 1,2-Dichlorobenzene-d4	12.184	152	18704	0.978	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	90512	4.999	ug/l	99
3) Chloromethane	1.518	50	102545	4.918	ug/l	99
4) Vinyl Chloride	1.599	62	104693	5.075	ug/l	99
5) Bromomethane	1.843	94	52801	5.534	ug/l	99
6) Chloroethane	1.924	64	62097	4.779	ug/l	98
7) Trichlorofluoromethane	2.129	101	123320	5.044	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	69588	5.015	ug/l	99
9) 1,1-Dichloroethene	2.567	96	69679	4.928	ug/l	96
10) Iodomethane	2.708	142	114428	5.148	ug/l	100
11) Allyl Chloride	2.911	41	101481	4.996	ug/l	100
12) Acrylonitrile	3.306	53	33591	10.453	ug/l	99
13) Acetone	2.612	43	58550	23.349	ug/l	96
14) Carbon Disulfide	2.782	76	242244	4.900	ug/l	100
15) Methylene Chloride	3.033	84	86216	4.936	ug/l	99
16) trans-1,2-Dichloroethene	3.338	96	80123	4.965	ug/l	98
17) 1,1-Dichloroethane	3.853	63	152899	5.027	ug/l	100
18) 2-Butanone	4.689	43	98391	24.289	ug/l	97
19) Cyclohexane	5.374	56	113554	4.646	ug/l	88
20) Methylcyclohexane	6.750	83	128499	5.302	ug/l	100
21) 2,2-Dichloropropane	4.647	77	117171	4.938	ug/l	98
22) cis-1,2-Dichloroethene	4.653	96	87987	5.046	ug/l	98
23) Diethyl Ether	2.364	59	60657	5.000	ug/l	97
24) tert-Butyl Alcohol	3.161	59	61281	45.943	ug/l	98
25) Methyl tert-Butyl Ether	3.348	73	178876	5.066	ug/l	99
26) Bromochloromethane	4.959	128	38617	5.067	ug/l	99
27) Chloroform	5.071	83	155011	5.050	ug/l	99
28) 1,1,1-Trichloroethane	5.300	97	127899	5.144	ug/l	99
29) 1,1-Dichloropropene	5.512	75	112514	5.052	ug/l	99
30) Carbon Tetrachloride	5.509	117	106762	5.007	ug/l	97
31) Isopropyl Ether	3.975	45	218715	5.037	ug/l	97
32) Ethyl-t-butyl ether	4.486	59	202182	5.120	ug/l	100
33) Tert-Amyl methyl ether	5.927	73	177493	5.144	ug/l	98
34) Propionitrile	4.759	54	31294	24.919	ug/l	96
35) Benzene	5.759	78	349985	5.111	ug/l	100
36) 1,2-Dichloroethane	5.779	62	99553	5.037	ug/l	99
37) Trichloroethene	6.531	130	80810	4.962	ug/l	93
38) 1,2-Dichloropropane	6.779	63	90072	5.026	ug/l	98
39) Methacrylonitrile	4.962	41	24242	5.404	ug/l	97
40) Methyl acrylate	4.840	55	39384	4.809	ug/l	98
41) Tetrahydrofuran	5.042	42	24329	9.229	ug/l	97
42) 1-Chlorobutane	5.444	56	160975	5.283	ug/l	98
43) Dibromomethane	6.907	93	45659	5.031	ug/l	97
44) Bromodichloromethane	7.094	83	109612	5.189	ug/l	99

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 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

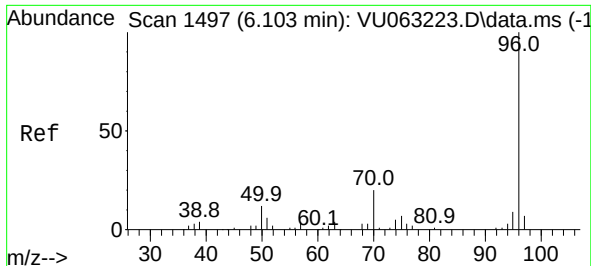
Quant Time: Feb 11 03:59:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021025DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 11 03:56:39 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.779	43	245466	25.799	ug/l	99
46) t-1,4-Dichloro-2-butene	10.814	75	99455	21.124	ug/l #	51
47) Methyl methacrylate	6.949	69	82725	10.822	ug/l	97
48) Ethyl methacrylate	8.322	69	75186	5.238	ug/l	99
49) Toluene	7.959	92	207542	5.270	ug/l	100
50) t-1,3-Dichloropropene	8.200	75	100975	5.221	ug/l	99
51) cis-1,3-Dichloropropene	7.595	75	121107	5.070	ug/l	96
52) 1,1,2-Trichloroethane	8.386	97	61701	5.042	ug/l	98
53) 1,3-Dichloropropane	8.563	76	111566	5.136	ug/l	99
54) 2-Hexanone	8.672	43	163849	25.235	ug/l	98
55) Dibromochloromethane	8.798	129	71240	5.061	ug/l	98
56) 1,2-Dibromoethane	8.914	107	58284	5.079	ug/l	99
58) Tetrachloroethene	8.544	164	69703	5.194	ug/l	97
59) Chlorobenzene	9.438	112	215989	5.198	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.521	131	74952	5.018	ug/l	98
61) Pentachloroethane	11.415	117	66930	5.016	ug/l	96
62) Hexachloroethane	12.463	117	58399	4.947	ug/l	99
63) Ethyl Benzene	9.560	91	379921	5.301	ug/l	99
64) m/p-Xylenes	9.682	106	293404	10.960	ug/l	99
65) o-Xylene	10.090	106	139940	5.340	ug/l	98
66) Styrene	10.103	104	227199	5.448	ug/l	99
67) Bromoform	10.280	173	40369	5.053	ug/l	99
69) Isopropylbenzene	10.473	105	329990	5.356	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.769	83	81338	4.932	ug/l	99
71) 1,2,3-Trichloropropane	10.814	75	99455	7.953	ug/l #	74
72) Bromobenzene	10.772	156	85960	5.178	ug/l	98
73) n-propylbenzene	10.894	120	95937	5.439	ug/l	99
74) 2-Chlorotoluene	10.975	126	87769	5.399	ug/l	98
75) 1,3,5-Trimethylbenzene	11.078	105	313345	5.489	ug/l	100
76) 4-Chlorotoluene	11.087	126	89247	5.353	ug/l	99
77) tert-Butylbenzene	11.409	119	299259	5.183	ug/l	99
78) 1,2,4-Trimethylbenzene	11.457	105	313777	5.539	ug/l	99
79) sec-Butylbenzene	11.634	105	394157	5.362	ug/l	99
80) Nitrobenzene	13.209	77	7974	18.908	ug/l #	99
81) p-Isopropyltoluene	11.782	119	316807	5.461	ug/l	100
82) 1,3-Dichlorobenzene	11.737	146	164073	5.096	ug/l	99
83) 1,4-Dichlorobenzene	11.827	146	165157	5.244	ug/l	99
84) n-Butylbenzene	12.200	91	276461	5.285	ug/l	98
85) 1,2-Dichlorobenzene	12.203	146	156956	5.072	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	12.987	75	12084	5.220	ug/l	96
87) 1,2,4-Trichlorobenzene	13.830	180	78516	5.203	ug/l	98
88) Hexachlorobutadiene	14.010	225	53269	4.939	ug/l	99
89) Naphthalene	14.081	128	122840	4.286	ug/l	99
90) 1,2,3-Trichlorobenzene	14.319	180	76620	5.189	ug/l	98

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

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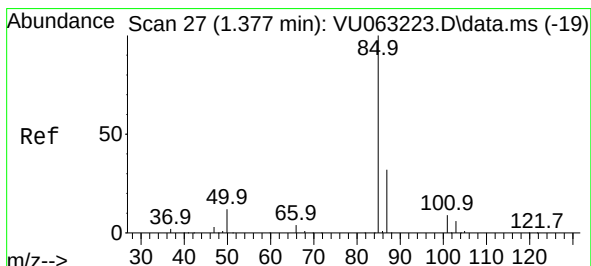
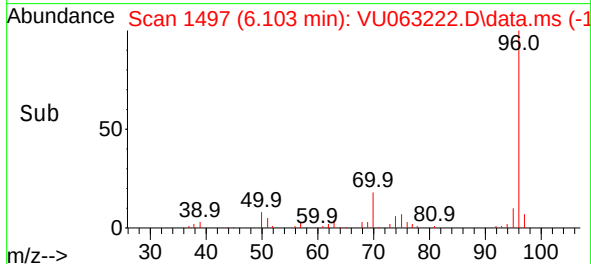
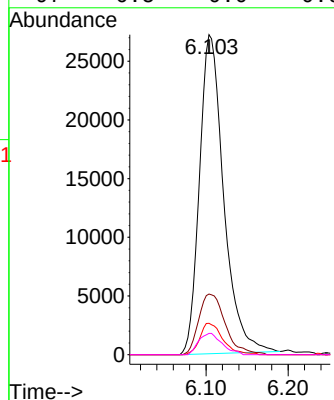
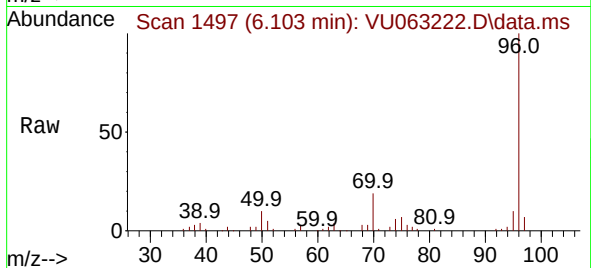




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.103 min Scan# 1497
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

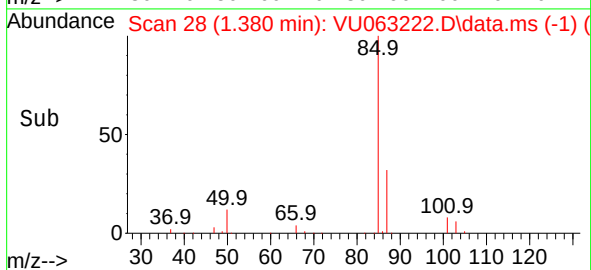
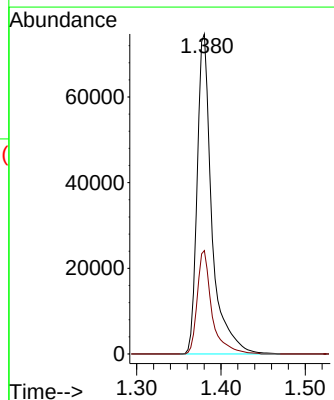
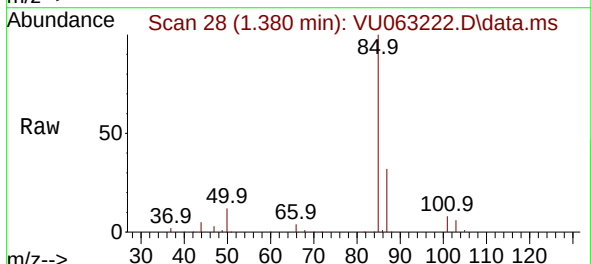
Instrument :
MSVOA_U
ClientSampleId :

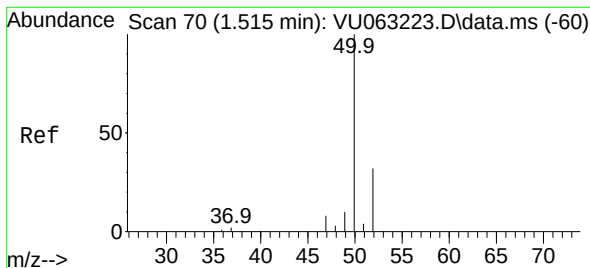
Tgt Ion: 96	Resp: 55729
Ion Ratio	Lower Upper
96 100	
70 20.8	15.6 23.4
95 9.3	7.3 10.9
97 6.5	0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 4.999 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.003 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

Tgt Ion: 85	Resp: 90512
Ion Ratio	Lower Upper
85 100	
87 32.3	16.0 48.0





#3

Chloromethane

Concen: 4.918 ug/l

RT: 1.518 min Scan# 70

Delta R.T. 0.003 min

Lab File: VU063222.D

Acq: 10 Feb 2025 14:23

Instrument :

MSVOA_U

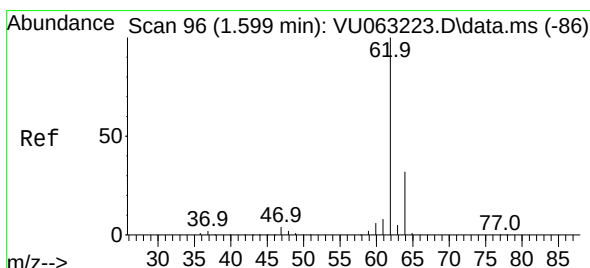
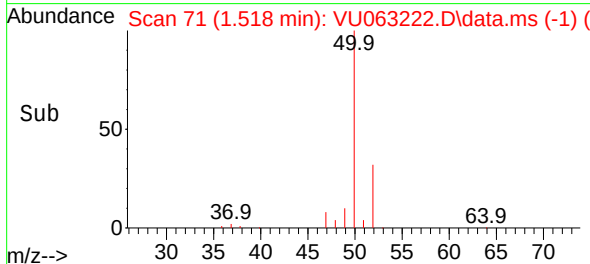
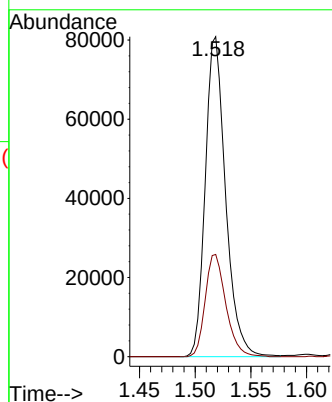
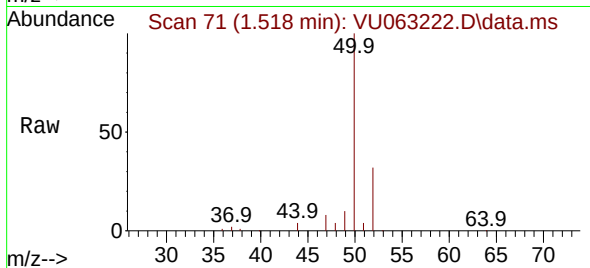
ClientSampleId :

Tgt Ion: 50 Resp: 102545

Ion Ratio Lower Upper

50 100

52 31.9 25.8 38.8



#4

Vinyl Chloride

Concen: 5.075 ug/l

RT: 1.599 min Scan# 96

Delta R.T. 0.000 min

Lab File: VU063222.D

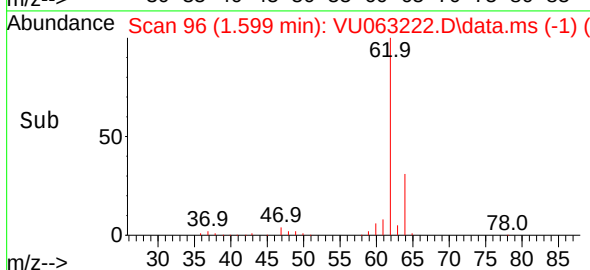
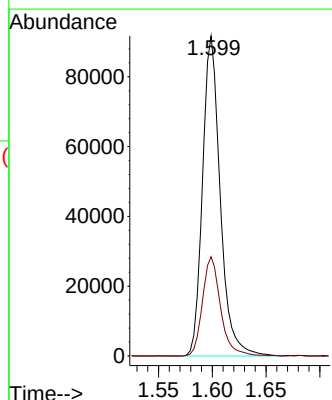
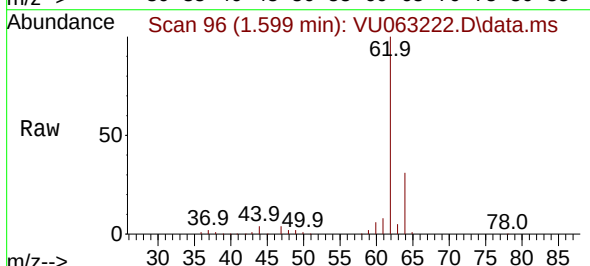
Acq: 10 Feb 2025 14:23

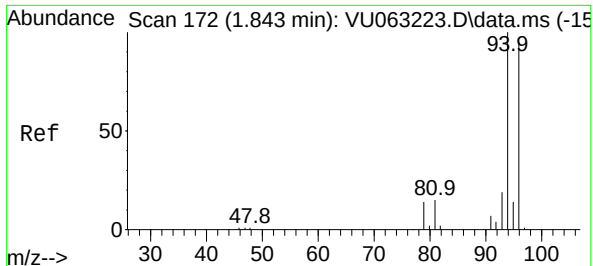
Tgt Ion: 62 Resp: 104693

Ion Ratio Lower Upper

62 100

64 31.0 25.4 38.0

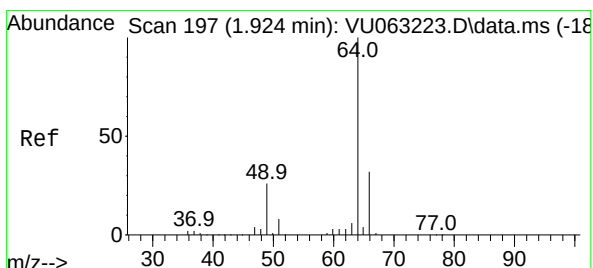
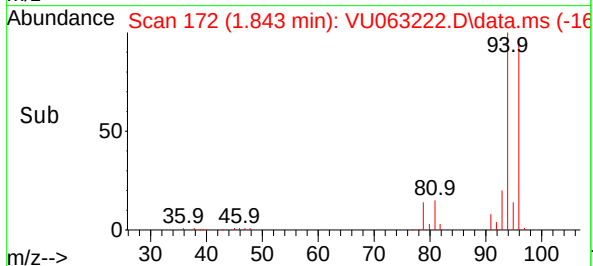
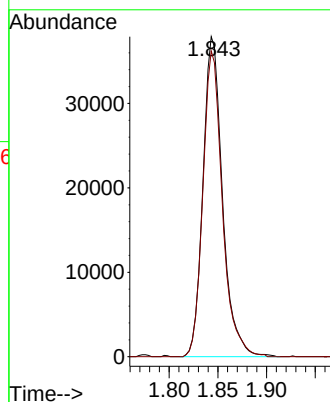
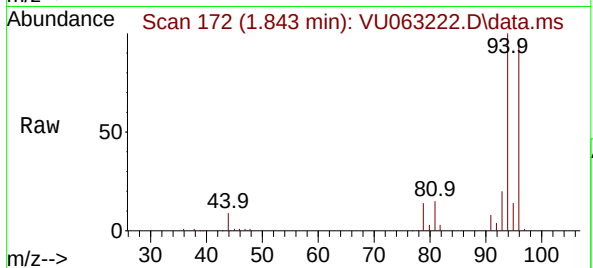




#5
Bromomethane
Concen: 5.534 ug/l
RT: 1.843 min Scan# 172
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

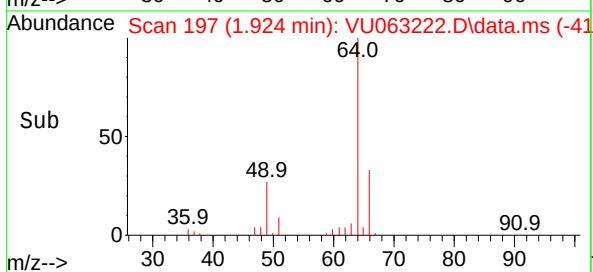
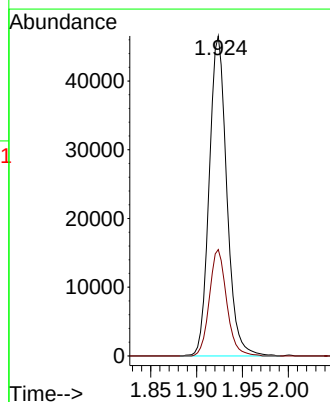
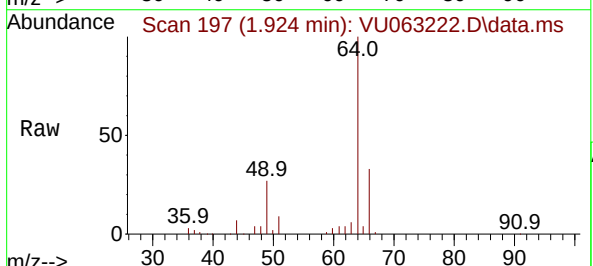
Instrument :
MSVOA_U
ClientSampleId :

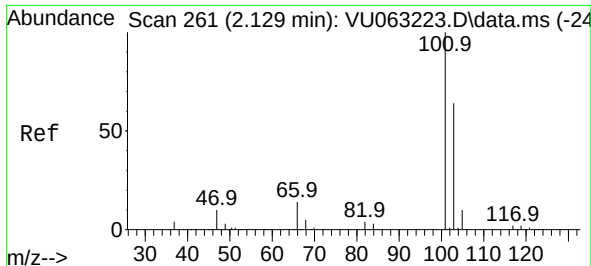
Tgt Ion: 94 Resp: 52801
Ion Ratio Lower Upper
94 100
96 95.6 75.7 113.5



#6
Chloroethane
Concen: 4.779 ug/l
RT: 1.924 min Scan# 197
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

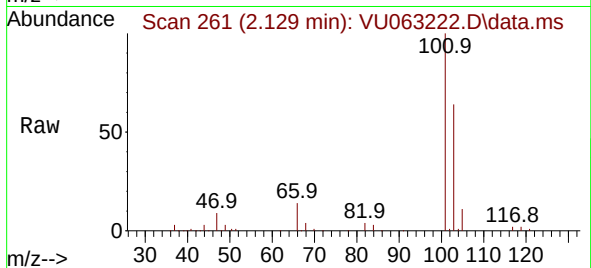
Tgt Ion: 64 Resp: 62097
Ion Ratio Lower Upper
64 100
66 33.3 25.8 38.8



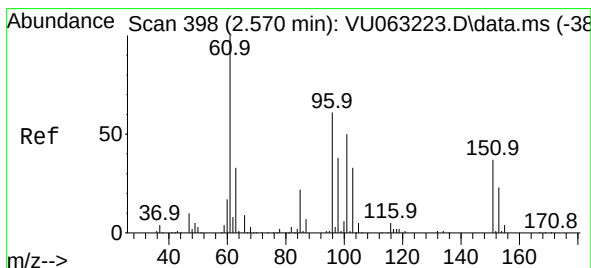
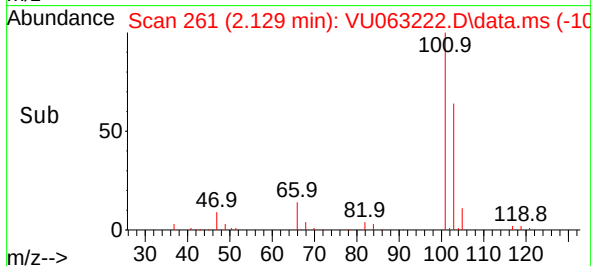
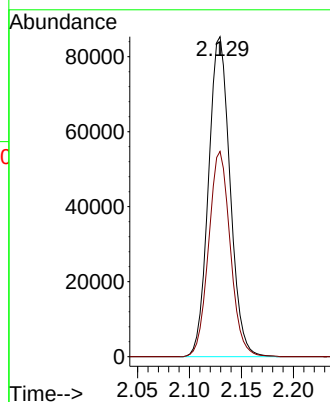


#7
Trichlorofluoromethane
Concen: 5.044 ug/l
RT: 2.129 min Scan# 20
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

Instrument :
MSVOA_U
ClientSampleId :

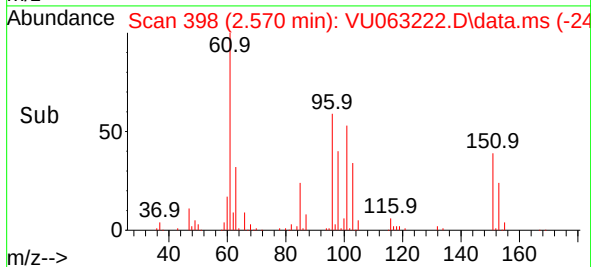
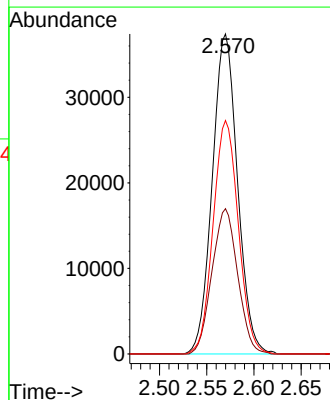
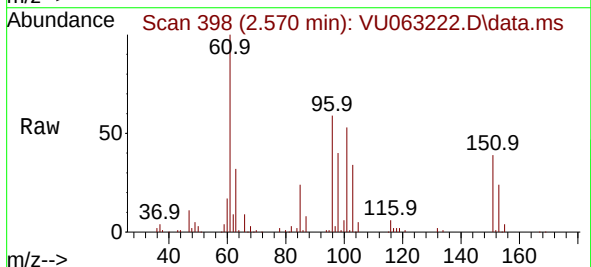


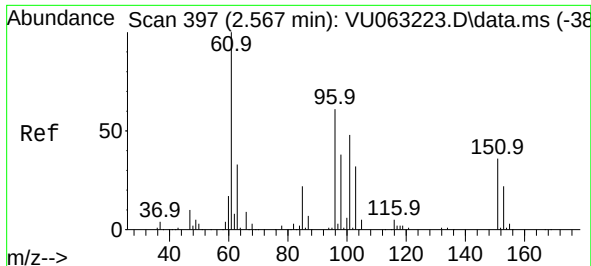
Tgt Ion:101 Resp: 123320
Ion Ratio Lower Upper
101 100
103 64.1 51.4 77.2



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.015 ug/l
RT: 2.570 min Scan# 398
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

Tgt Ion:101 Resp: 69588
Ion Ratio Lower Upper
101 100
85 46.1 35.4 53.0
151 72.8 58.5 87.7





#9

1,1-Dichloroethene

Concen: 4.928 ug/l

RT: 2.567 min Scan# 397

Delta R.T. 0.000 min

Lab File: VU063222.D

Acq: 10 Feb 2025 14:23

Instrument :

MSVOA_U

ClientSampleId :

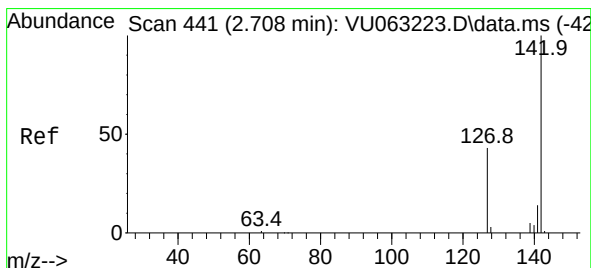
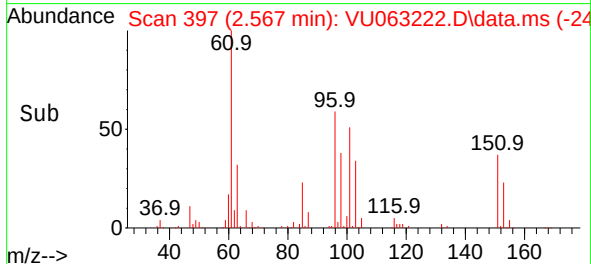
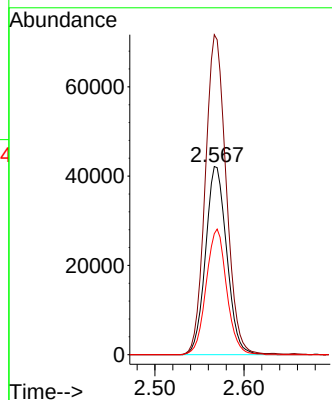
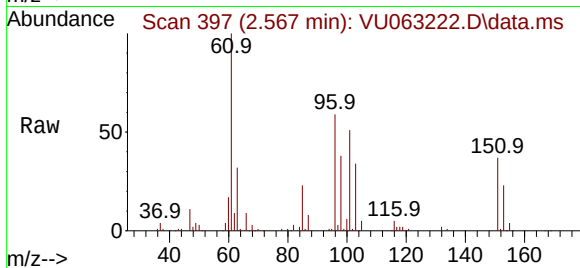
Tgt Ion: 96 Resp: 69679

Ion Ratio Lower Upper

96 100

61 170.1 0.0 492.9

98 64.3 0.0 124.0



#10

Iodomethane

Concen: 5.148 ug/l

RT: 2.708 min Scan# 441

Delta R.T. 0.000 min

Lab File: VU063222.D

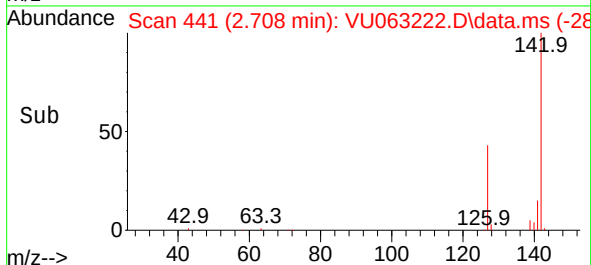
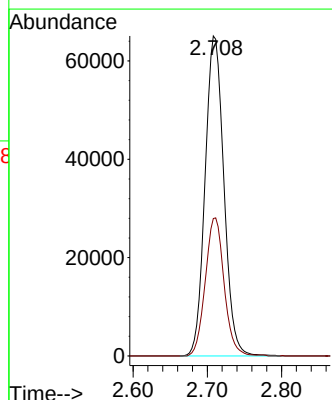
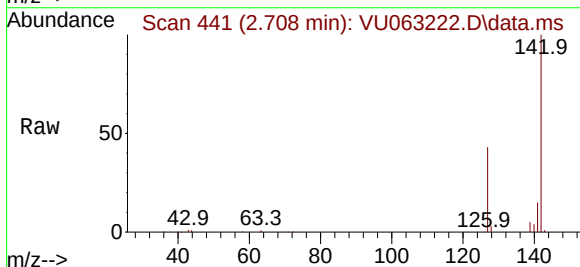
Acq: 10 Feb 2025 14:23

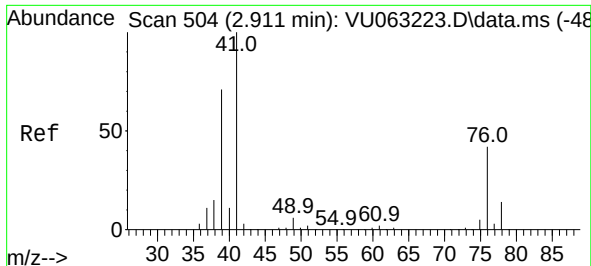
Tgt Ion: 142 Resp: 114428

Ion Ratio Lower Upper

142 100

127 43.1 34.5 51.7





#11

Allyl Chloride

Concen: 4.996 ug/l

RT: 2.911 min Scan# 504

Delta R.T. 0.000 min

Lab File: VU063222.D

Acq: 10 Feb 2025 14:23

Instrument :

MSVOA_U

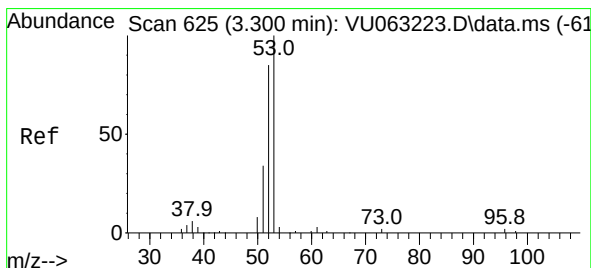
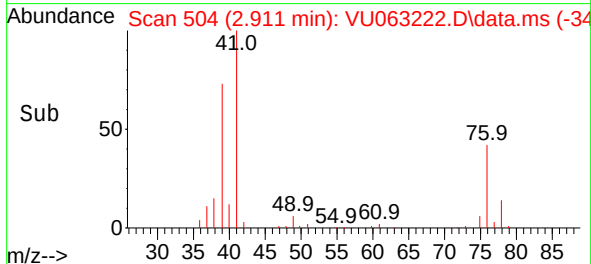
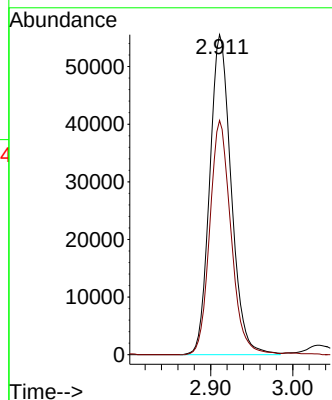
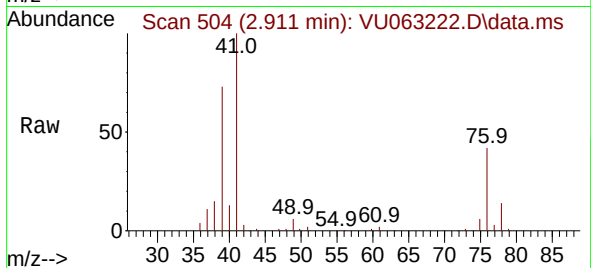
ClientSampleId :

Tgt Ion: 41 Resp: 101481

Ion Ratio Lower Upper

41 100

39 72.1 57.9 86.9



#12

Acrylonitrile

Concen: 10.453 ug/l

RT: 3.306 min Scan# 627

Delta R.T. 0.006 min

Lab File: VU063222.D

Acq: 10 Feb 2025 14:23

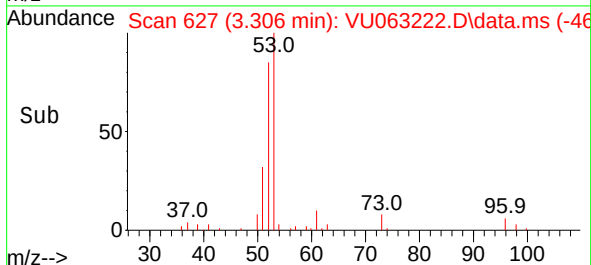
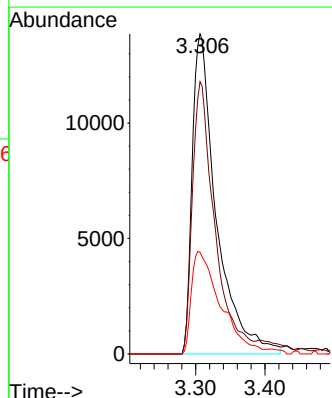
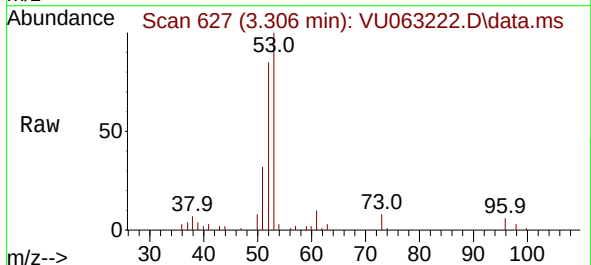
Tgt Ion: 53 Resp: 33591

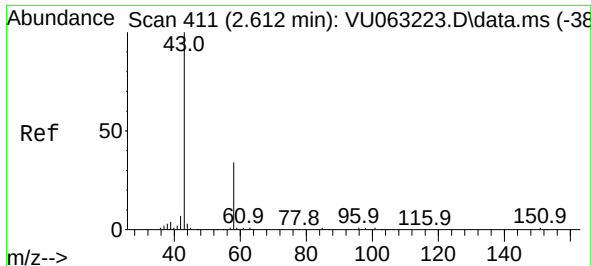
Ion Ratio Lower Upper

53 100

52 78.3 64.2 96.2

51 38.5 30.8 46.2





#13

Acetone

Concen: 23.349 ug/l

RT: 2.612 min Scan# 411

Delta R.T. 0.000 min

Lab File: VU063222.D

Acq: 10 Feb 2025 14:23

Instrument :

MSVOA_U

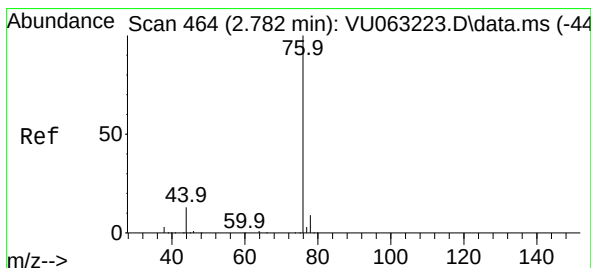
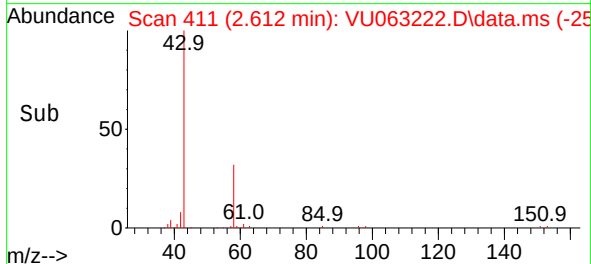
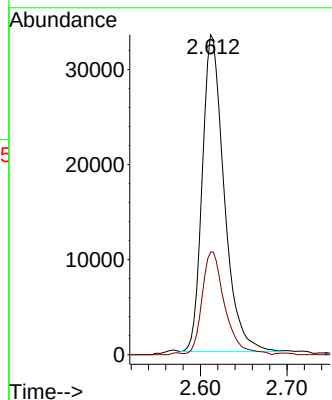
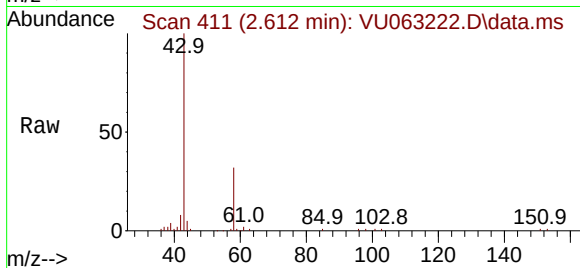
ClientSampleId :

Tgt Ion: 43 Resp: 58550

Ion Ratio Lower Upper

43 100

58 32.0 27.4 41.0



#14

Carbon Disulfide

Concen: 4.900 ug/l

RT: 2.782 min Scan# 464

Delta R.T. 0.000 min

Lab File: VU063222.D

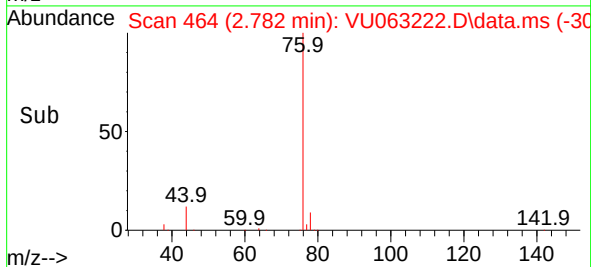
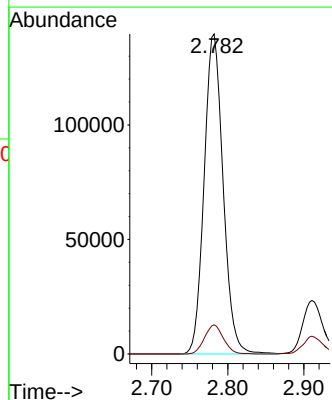
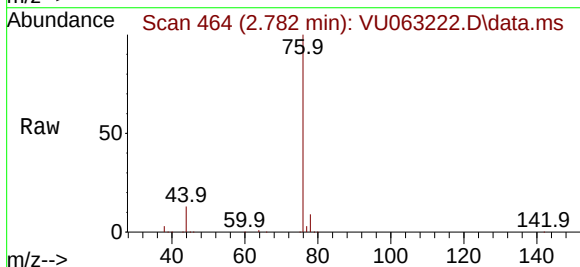
Acq: 10 Feb 2025 14:23

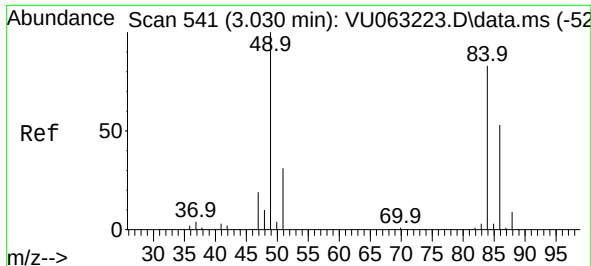
Tgt Ion: 76 Resp: 242244

Ion Ratio Lower Upper

76 100

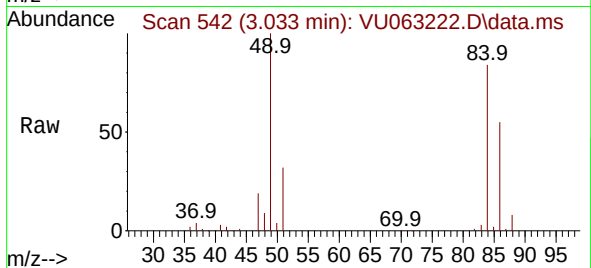
78 9.1 7.2 10.8



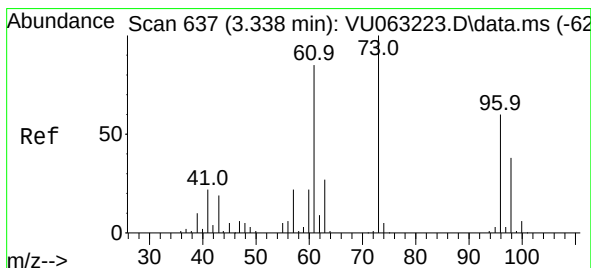
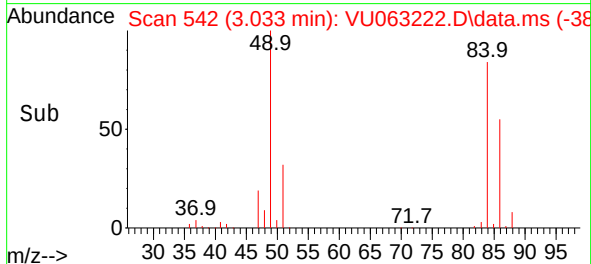
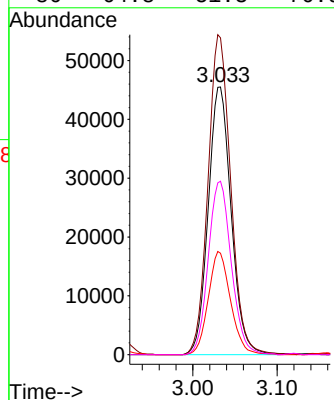


#15
Methylene Chloride
Concen: 4.936 ug/l
RT: 3.033 min Scan# 541
Delta R.T. 0.003 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

Instrument :
MSVOA_U
ClientSampleId :

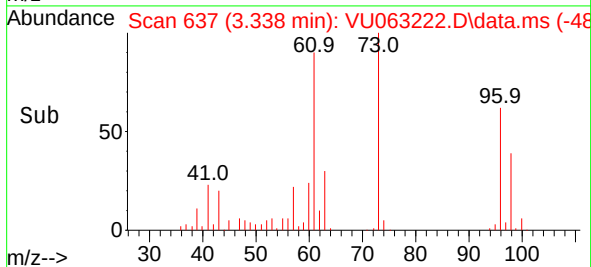
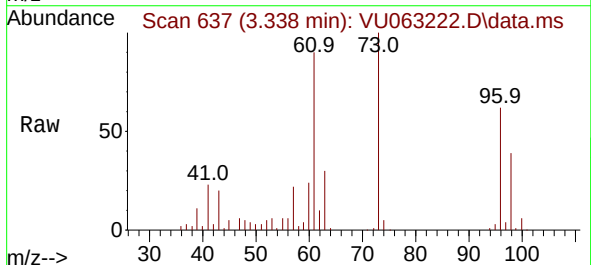
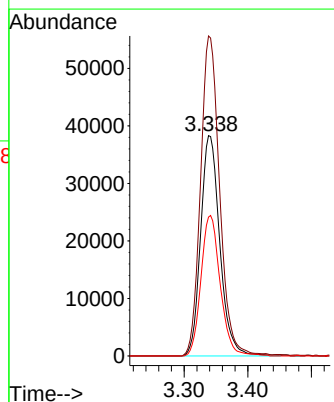


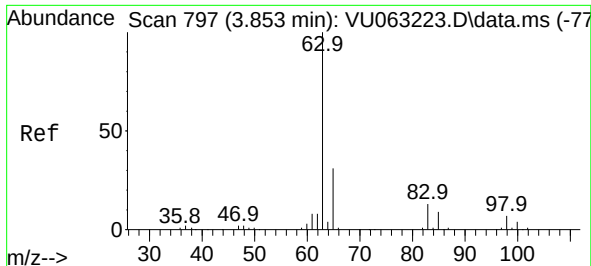
Tgt Ion: 84 Resp: 86216
Ion Ratio Lower Upper
84 100
49 118.4 96.4 144.6
51 37.9 0.0 74.8
86 64.8 51.3 76.9



#16
trans-1,2-Dichloroethene
Concen: 4.965 ug/l
RT: 3.338 min Scan# 637
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

Tgt Ion: 96 Resp: 80123
Ion Ratio Lower Upper
96 100
61 145.3 113.4 170.2
98 63.0 51.2 76.8

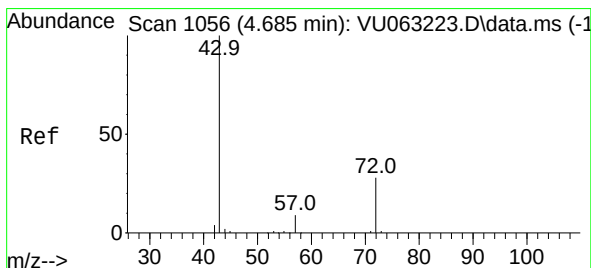
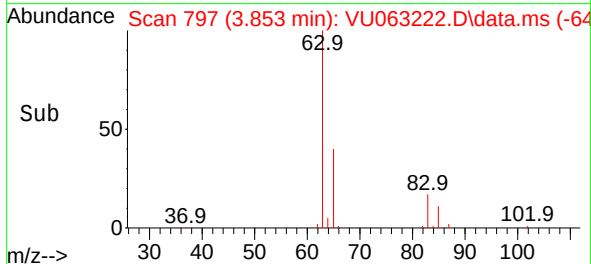
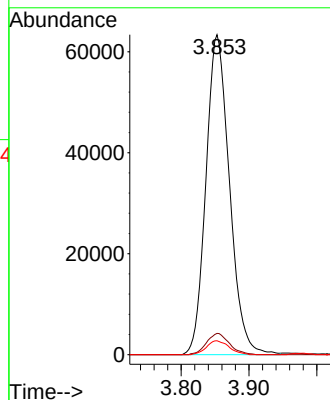
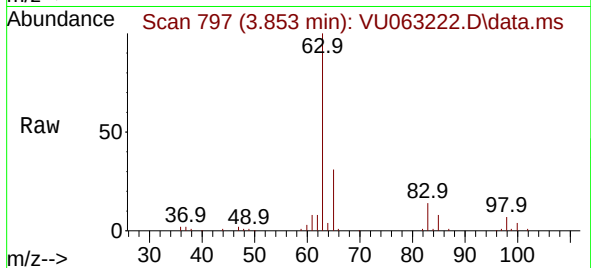




#17
1,1-Dichloroethane
Concen: 5.027 ug/l
RT: 3.853 min Scan# 797
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

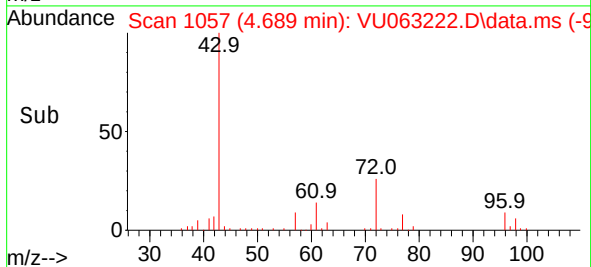
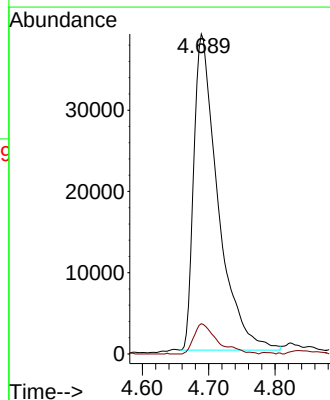
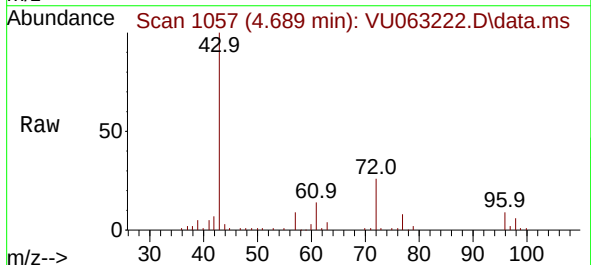
Instrument :
MSVOA_U
ClientSampleId :

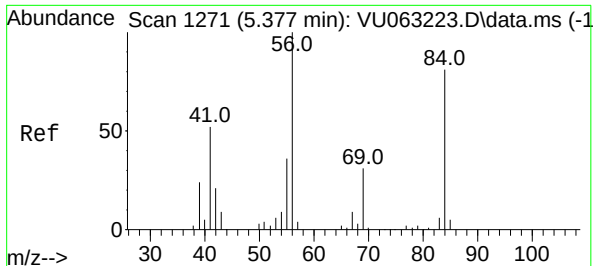
Tgt Ion: 63 Resp: 152899
Ion Ratio Lower Upper
63 100
98 6.6 3.3 9.9
100 4.3 2.1 6.2



#18
2-Butanone
Concen: 24.289 ug/l
RT: 4.689 min Scan# 1057
Delta R.T. 0.003 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

Tgt Ion: 43 Resp: 98391
Ion Ratio Lower Upper
43 100
57 9.5 0.0 17.0





#19

Cyclohexane

Concen: 4.646 ug/l

RT: 5.374 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU063222.D

Acq: 10 Feb 2025 14:23

Instrument :

MSVOA_U

ClientSampleId :

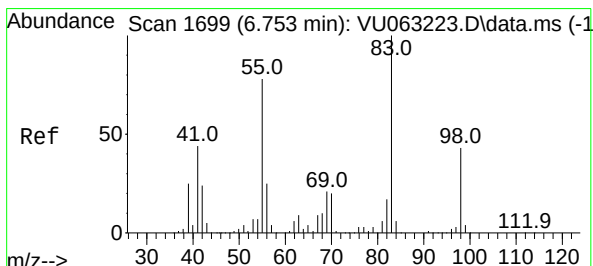
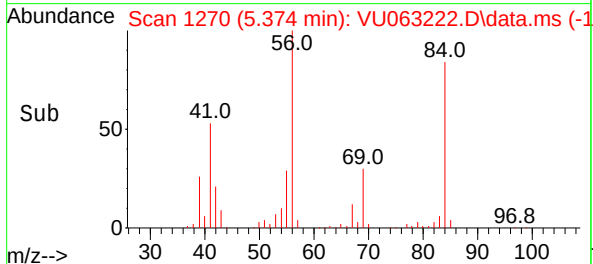
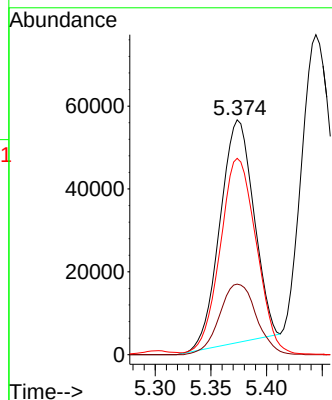
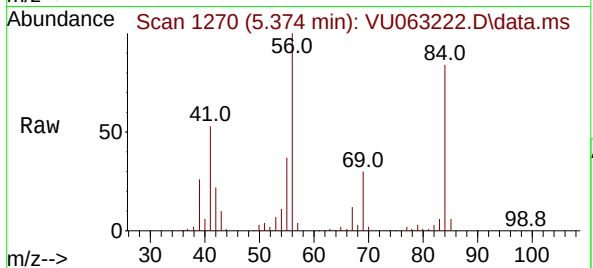
Tgt Ion: 56 Resp: 113554

Ion Ratio Lower Upper

56 100

69 34.6 24.5 36.7

84 93.6 65.2 97.8



#20

Methylcyclohexane

Concen: 5.302 ug/l

RT: 6.750 min Scan# 1698

Delta R.T. -0.003 min

Lab File: VU063222.D

Acq: 10 Feb 2025 14:23

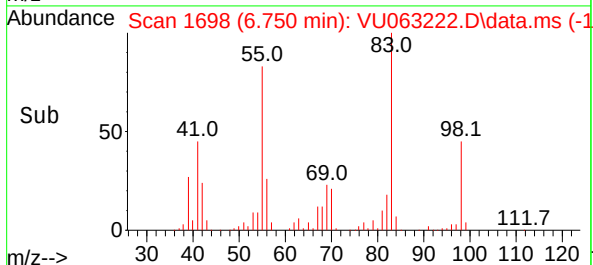
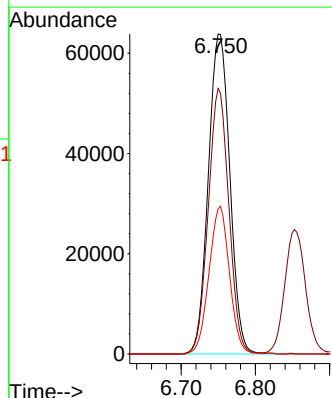
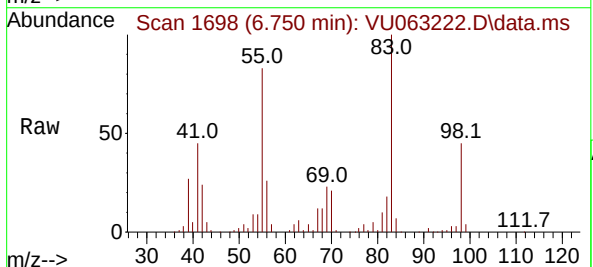
Tgt Ion: 83 Resp: 128499

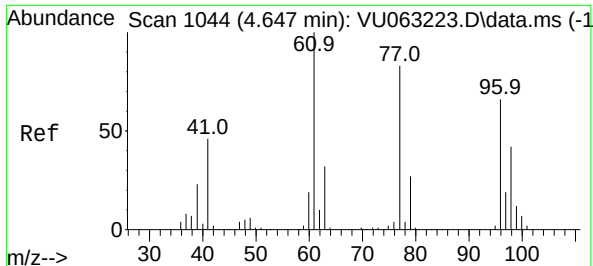
Ion Ratio Lower Upper

83 100

55 78.9 63.1 94.7

98 43.6 35.2 52.8

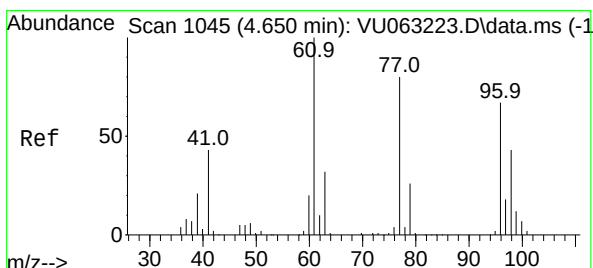
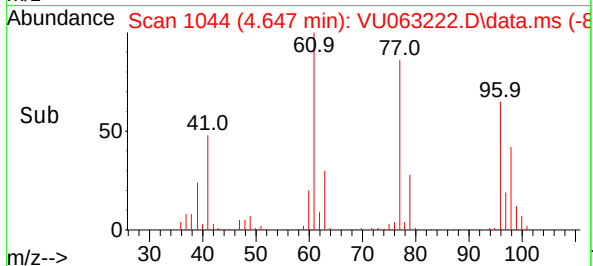
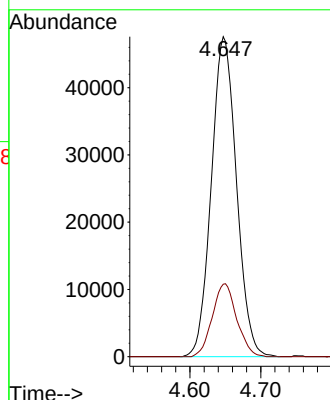
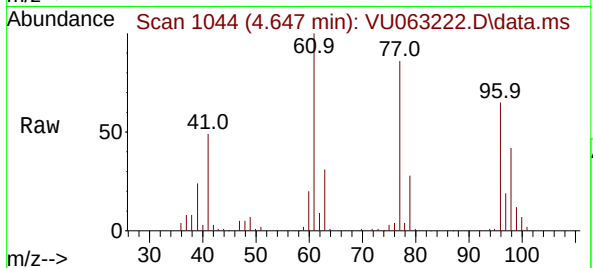




#21
2,2-Dichloropropane
Concen: 4.938 ug/l
RT: 4.647 min Scan# 1044
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

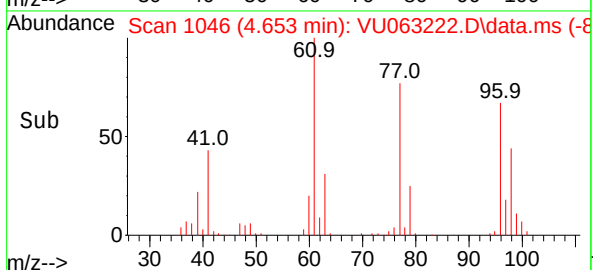
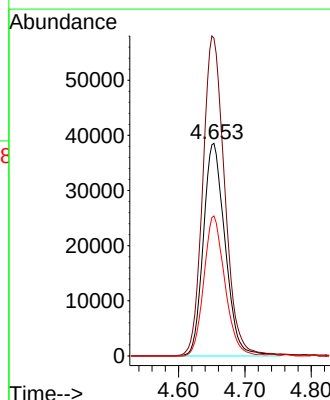
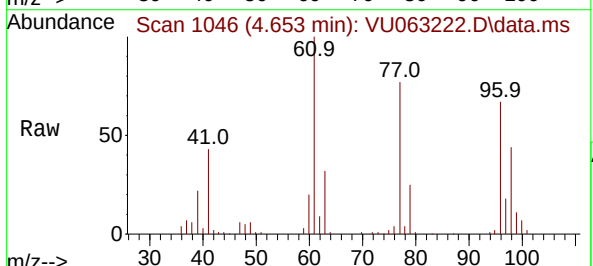
Instrument :
MSVOA_U
ClientSampleId :

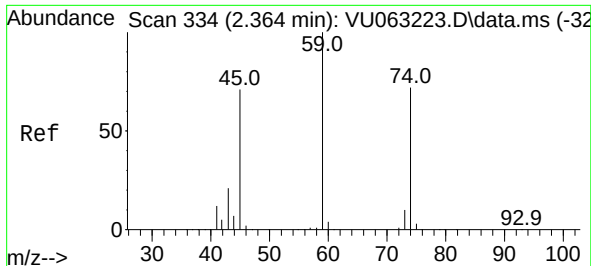
Tgt Ion: 77 Resp: 117171
Ion Ratio Lower Upper
77 100
97 22.1 18.5 27.7



#22
cis-1,2-Dichloroethene
Concen: 5.046 ug/l
RT: 4.653 min Scan# 1046
Delta R.T. 0.003 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

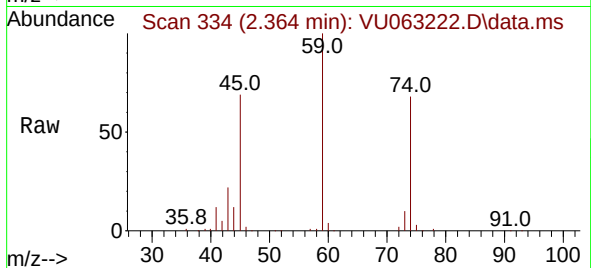
Tgt Ion: 96 Resp: 87987
Ion Ratio Lower Upper
96 100
61 152.1 0.0 373.3
98 63.4 31.9 95.9



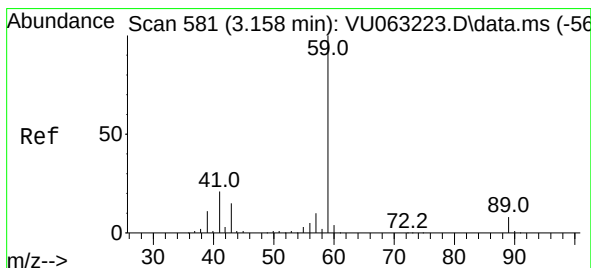
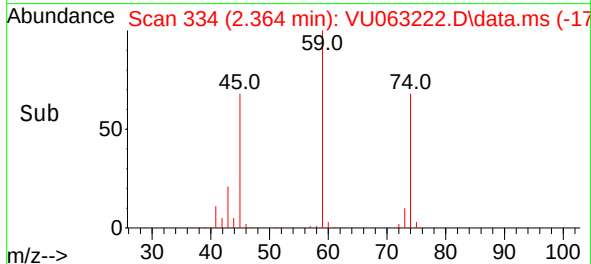
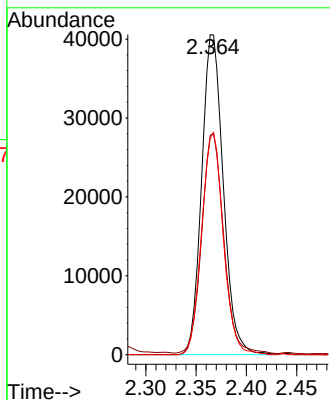


#23
Diethyl Ether
Concen: 5.000 ug/l
RT: 2.364 min Scan# 334
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

Instrument :
MSVOA_U
ClientSampleId :

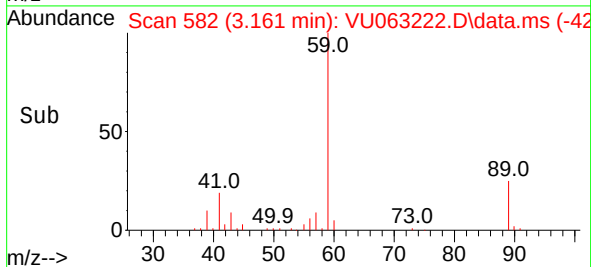
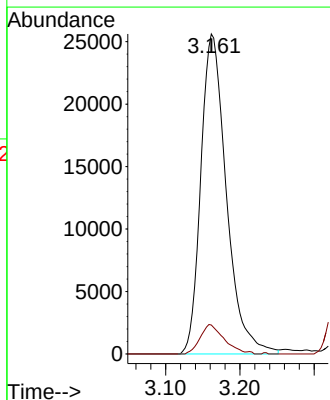
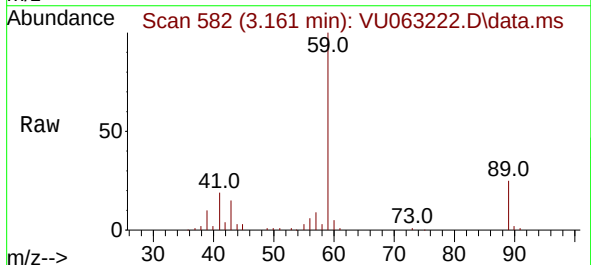


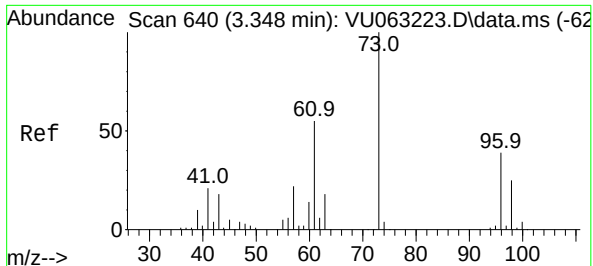
Tgt Ion: 59 Resp: 60657
Ion Ratio Lower Upper
59 100
45 69.8 57.8 86.6
74 69.7 57.7 86.5



#24
tert-Butyl Alcohol
Concen: 45.943 ug/l
RT: 3.161 min Scan# 582
Delta R.T. 0.003 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

Tgt Ion: 59 Resp: 61281
Ion Ratio Lower Upper
59 100
57 8.6 7.5 11.3





#25

Methyl tert-Butyl Ether

Concen: 5.066 ug/l

RT: 3.348 min Scan# 640

Delta R.T. 0.000 min

Lab File: VU063222.D

Acq: 10 Feb 2025 14:23

Instrument :

MSVOA_U

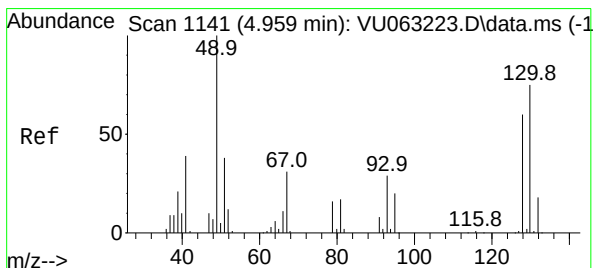
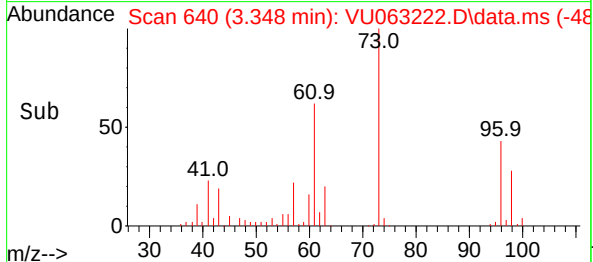
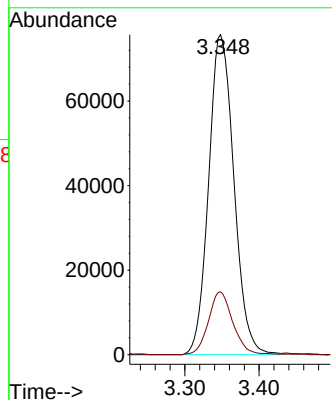
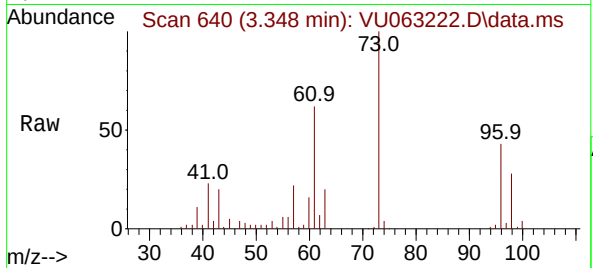
ClientSampleId :

Tgt Ion: 73 Resp: 178876

Ion Ratio Lower Upper

73 100

43 19.0 14.9 22.3



#26

Bromochloromethane

Concen: 5.067 ug/l

RT: 4.959 min Scan# 1141

Delta R.T. 0.000 min

Lab File: VU063222.D

Acq: 10 Feb 2025 14:23

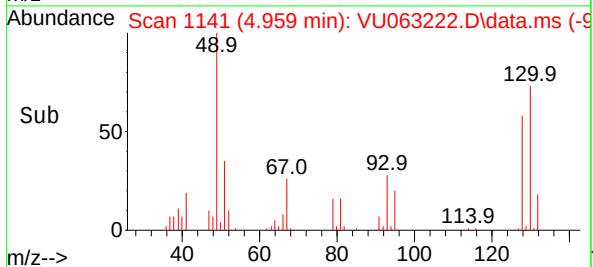
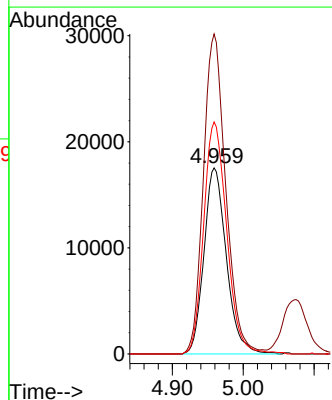
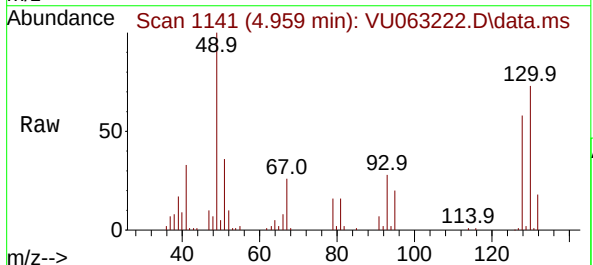
Tgt Ion:128 Resp: 38617

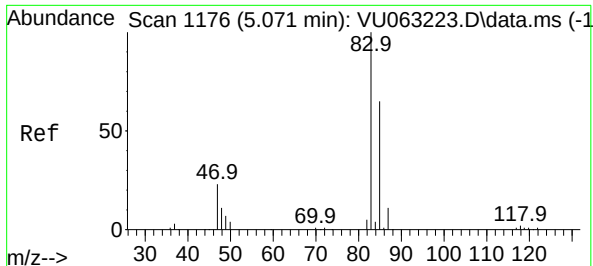
Ion Ratio Lower Upper

128 100

49 171.4 0.0 343.4

130 127.4 102.9 154.3





#27

Chloroform

Concen: 5.050 ug/l

RT: 5.071 min Scan# 1176

Delta R.T. 0.000 min

Lab File: VU063222.D

Acq: 10 Feb 2025 14:23

Instrument :

MSVOA_U

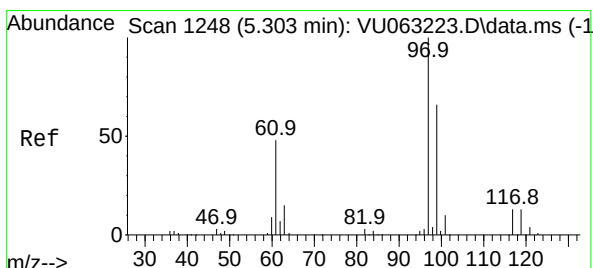
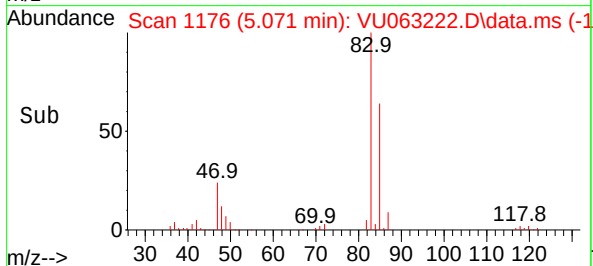
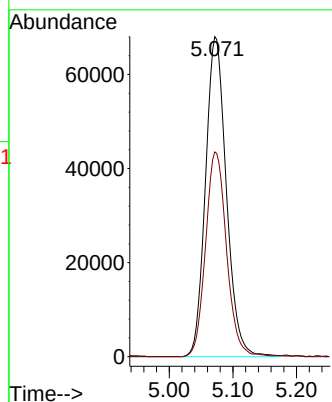
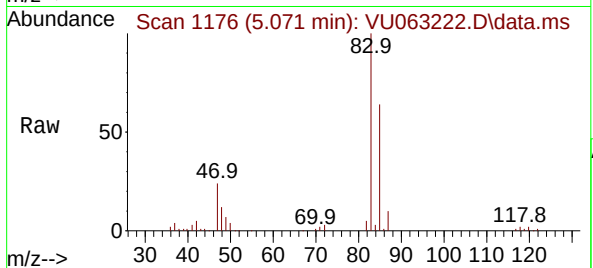
ClientSampleId :

Tgt Ion: 83 Resp: 155011

Ion Ratio Lower Upper

83 100

85 64.0 0.0 129.8



#28

1,1,1-Trichloroethane

Concen: 5.144 ug/l

RT: 5.300 min Scan# 1247

Delta R.T. -0.003 min

Lab File: VU063222.D

Acq: 10 Feb 2025 14:23

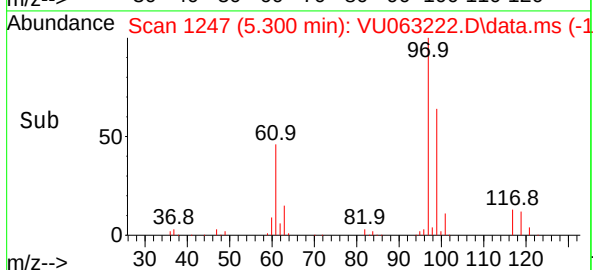
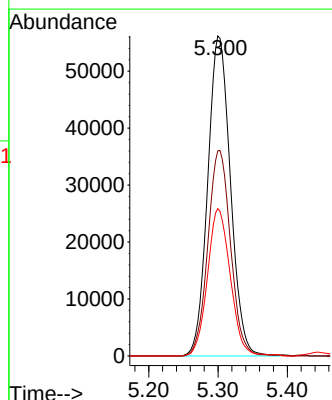
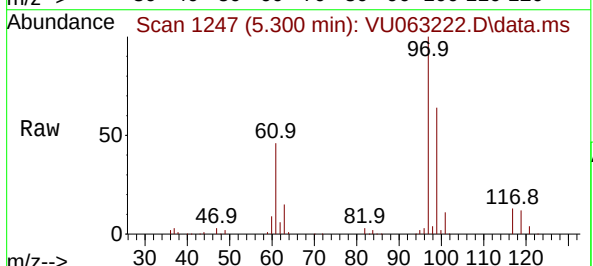
Tgt Ion: 97 Resp: 127899

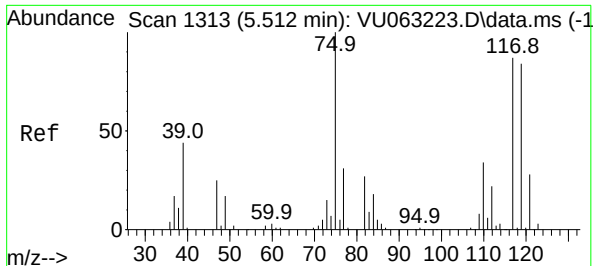
Ion Ratio Lower Upper

97 100

99 64.1 32.4 97.0

61 46.2 23.8 71.2

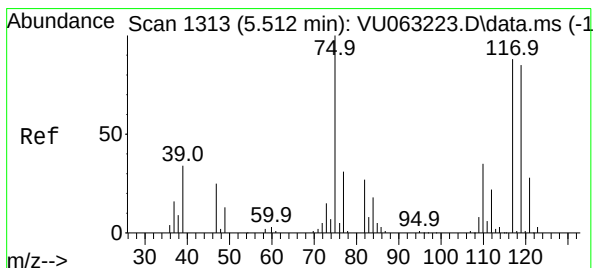
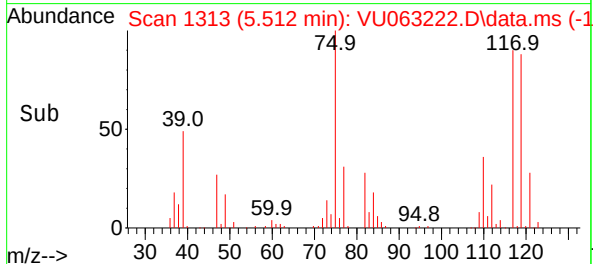
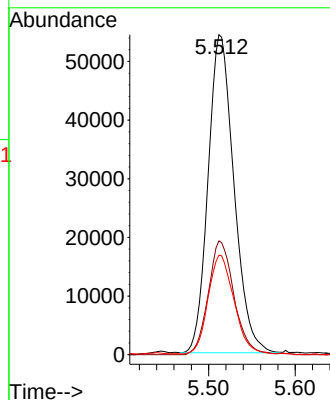
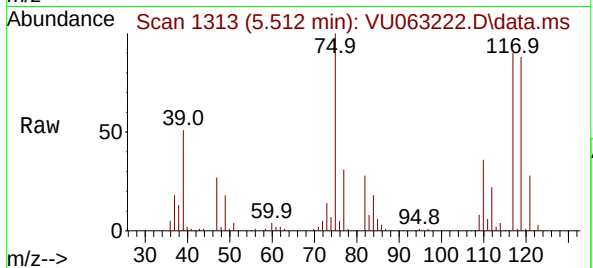




#29
1,1-Dichloropropene
Concen: 5.052 ug/l
RT: 5.512 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

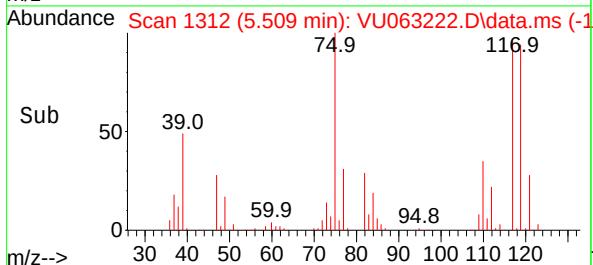
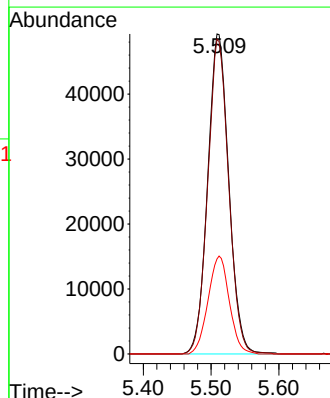
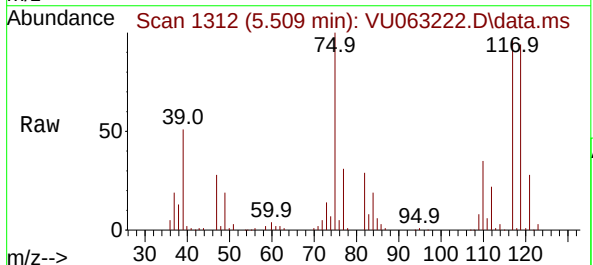
Instrument :
MSVOA_U
ClientSampleId :

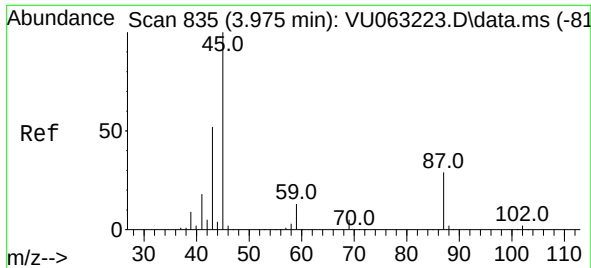
Tgt Ion: 75 Resp: 112514
Ion Ratio Lower Upper
75 100
110 35.5 17.2 51.5
77 30.9 24.6 37.0



#30
Carbon Tetrachloride
Concen: 5.007 ug/l
RT: 5.509 min Scan# 1312
Delta R.T. -0.003 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

Tgt Ion: 117 Resp: 106762
Ion Ratio Lower Upper
117 100
119 98.3 76.7 115.1
121 29.7 25.5 38.3

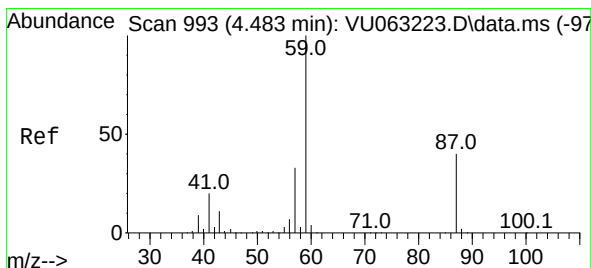
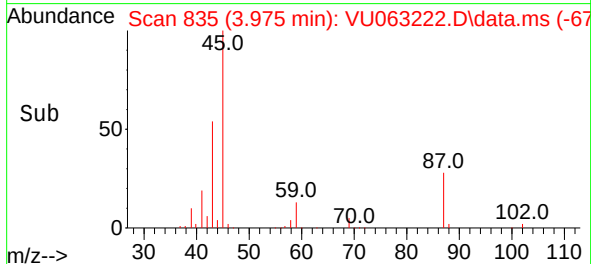
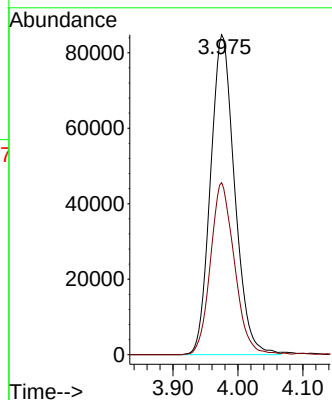
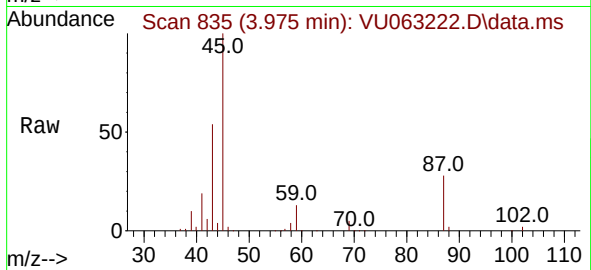




#31
Isopropyl Ether
Concen: 5.037 ug/l
RT: 3.975 min Scan# 835
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

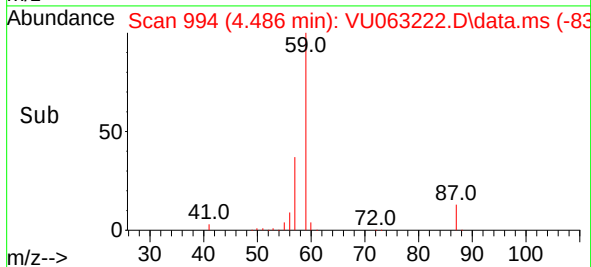
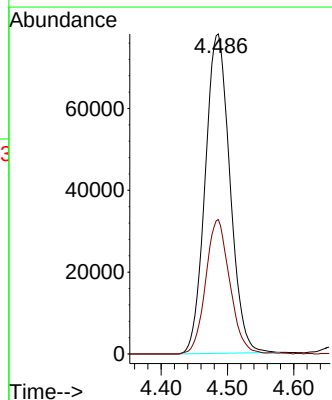
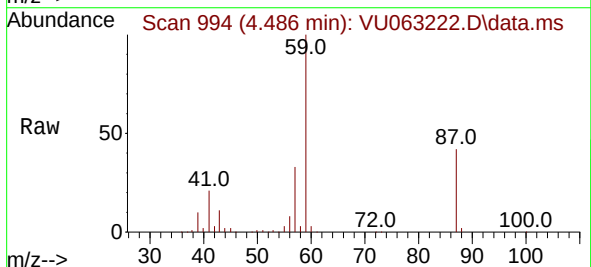
Instrument :
MSVOA_U
ClientSampleId :

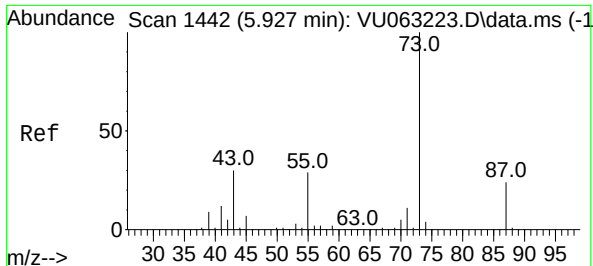
Tgt Ion: 45 Resp: 218715
Ion Ratio Lower Upper
45 100
43 53.4 25.7 77.1



#32
Ethyl-t-butyl ether
Concen: 5.120 ug/l
RT: 4.486 min Scan# 994
Delta R.T. 0.003 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

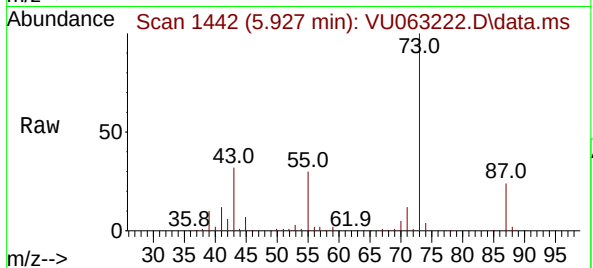
Tgt Ion: 59 Resp: 202182
Ion Ratio Lower Upper
59 100
87 40.5 32.6 49.0



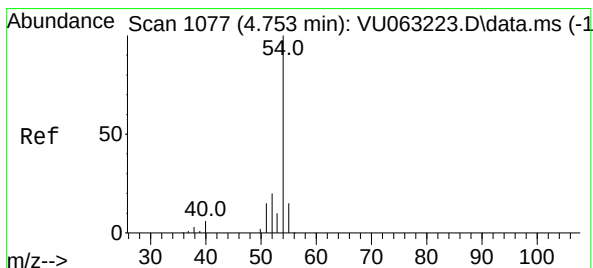
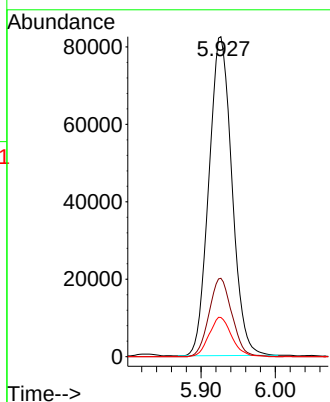
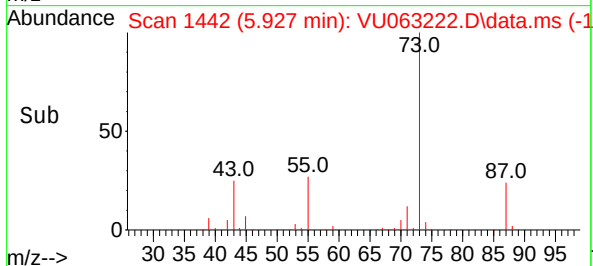


#33
Tert-Amyl methyl ether
Concen: 5.144 ug/l
RT: 5.927 min Scan# 1442
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

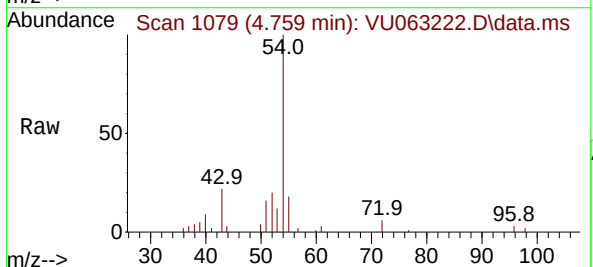
Instrument :
MSVOA_U
ClientSampleId :



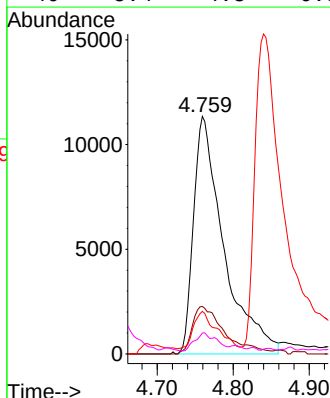
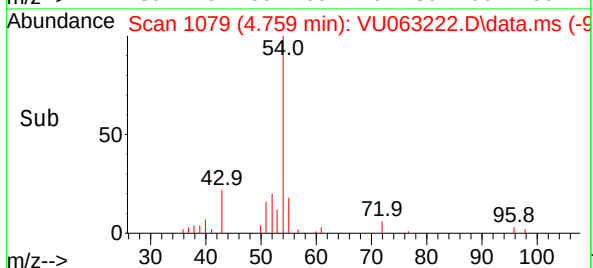
Tgt Ion: 73 Resp: 177493
Ion Ratio Lower Upper
73 100
87 24.4 18.9 28.3
71 12.2 9.0 13.4

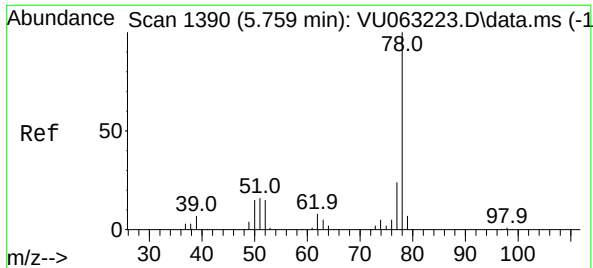


#34
Propionitrile
Concen: 24.919 ug/l
RT: 4.759 min Scan# 1079
Delta R.T. 0.006 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23



Tgt Ion: 54 Resp: 31294
Ion Ratio Lower Upper
54 100
52 21.5 16.3 24.5
55 11.9 11.8 17.6
40 5.4 4.3 6.5

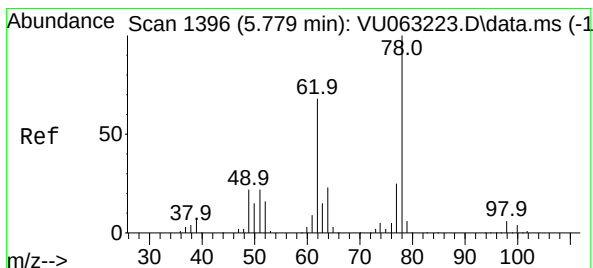
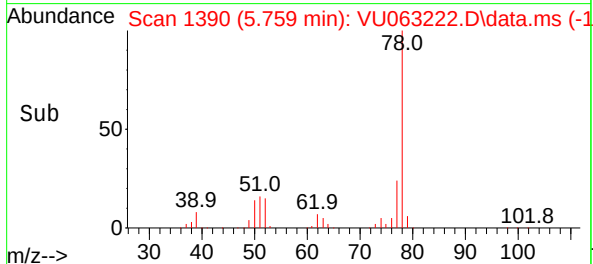
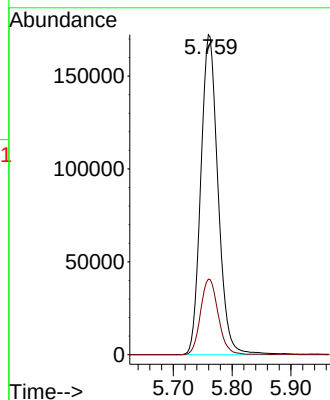
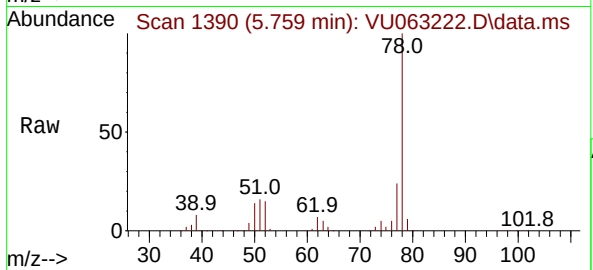




#35
Benzene
Concen: 5.111 ug/l
RT: 5.759 min Scan# 1390
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

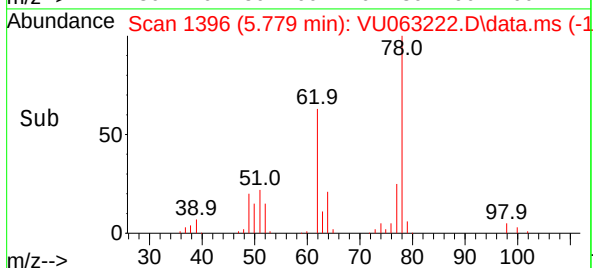
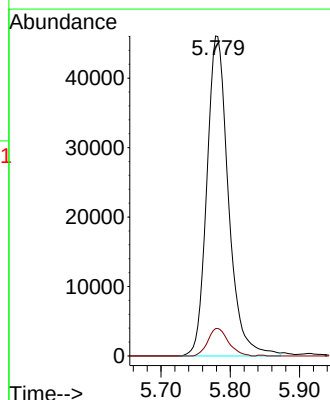
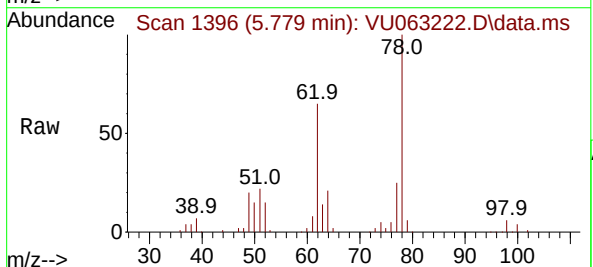
Instrument :
MSVOA_U
ClientSampleId :

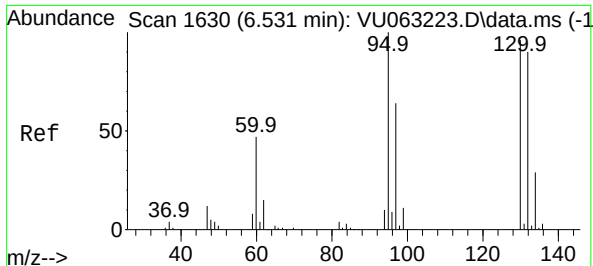
Tgt Ion: 78 Resp: 349985
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.4



#36
1,2-Dichloroethane
Concen: 5.037 ug/l
RT: 5.779 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

Tgt Ion: 62 Resp: 99553
Ion Ratio Lower Upper
62 100
98 8.2 6.9 10.3





#37

Trichloroethene

Concen: 4.962 ug/l

RT: 6.531 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU063222.D

Acq: 10 Feb 2025 14:23

Instrument :

MSVOA_U

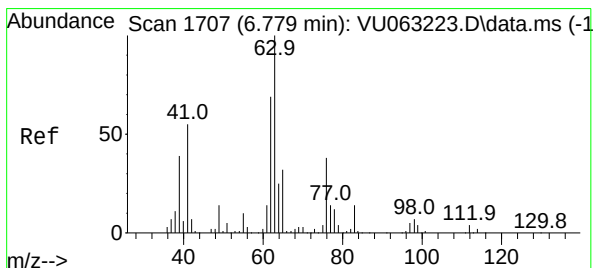
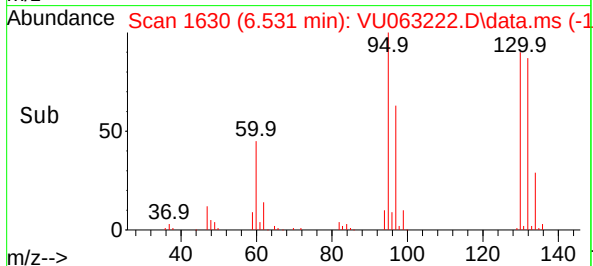
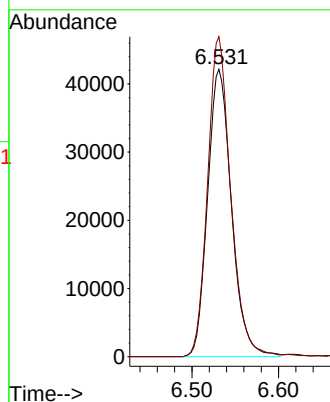
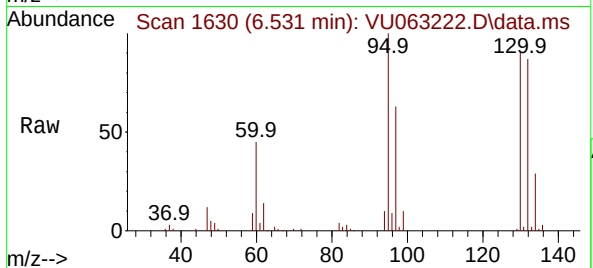
ClientSampleId :

Tgt Ion:130 Resp: 80810

Ion Ratio Lower Upper

130 100

95 111.3 83.2 124.8



#38

1,2-Dichloropropane

Concen: 5.026 ug/l

RT: 6.779 min Scan# 1707

Delta R.T. 0.000 min

Lab File: VU063222.D

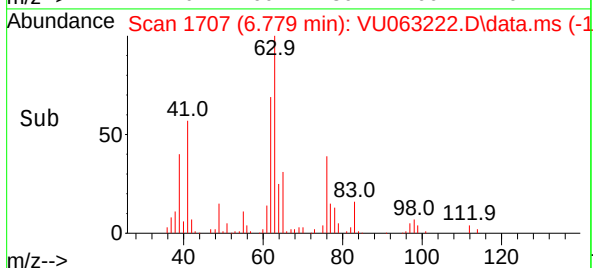
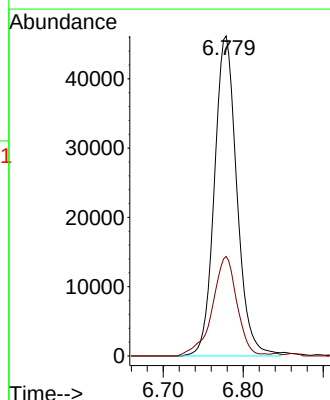
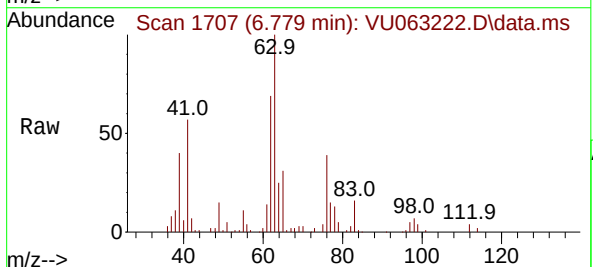
Acq: 10 Feb 2025 14:23

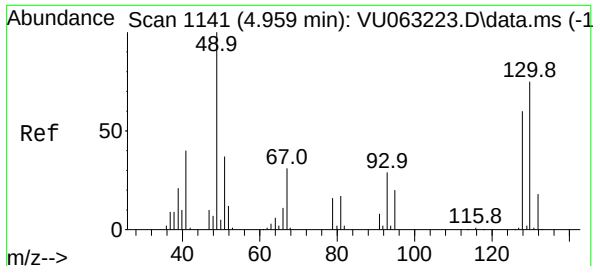
Tgt Ion: 63 Resp: 90072

Ion Ratio Lower Upper

63 100

65 30.7 25.3 37.9





#39

Methacrylonitrile

Concen: 5.404 ug/l

RT: 4.962 min Scan# 1142

Delta R.T. 0.003 min

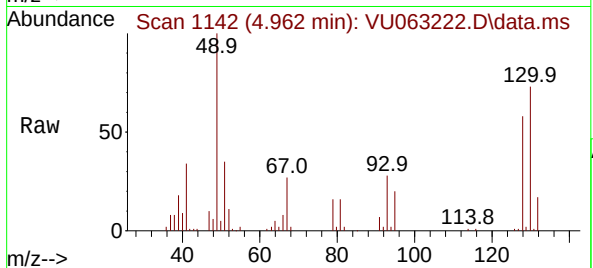
Lab File: VU063222.D

Acq: 10 Feb 2025 14:23

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 41 Resp: 24242

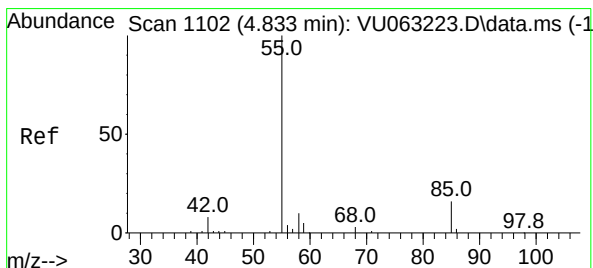
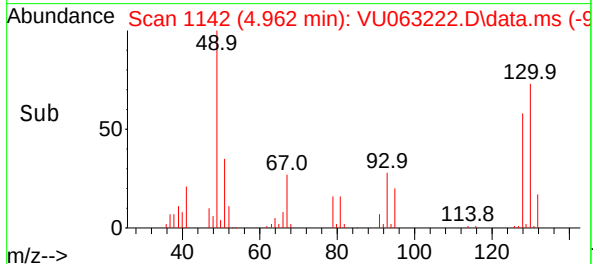
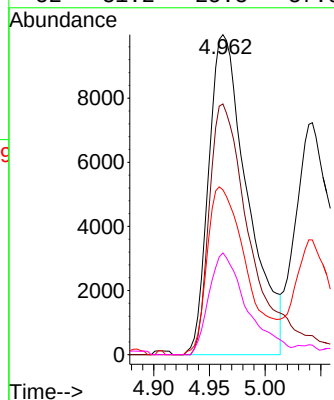
Ion Ratio Lower Upper

41 100

67 84.7 64.5 96.7

39 53.0 43.0 64.6

52 31.2 25.3 37.9



#40

Methyl acrylate

Concen: 4.809 ug/l

RT: 4.840 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VU063222.D

Acq: 10 Feb 2025 14:23

Tgt Ion: 55 Resp: 39384

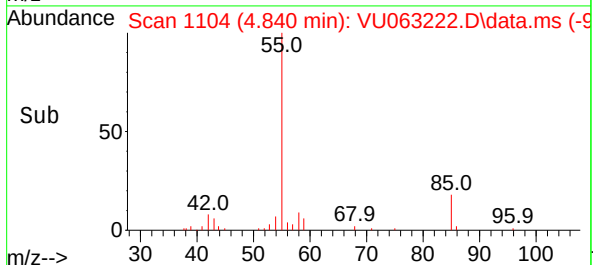
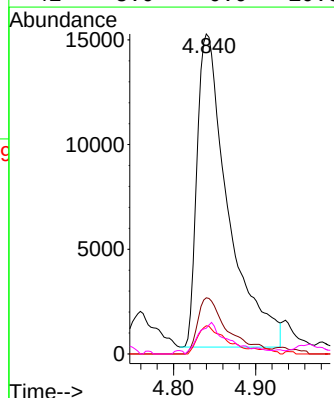
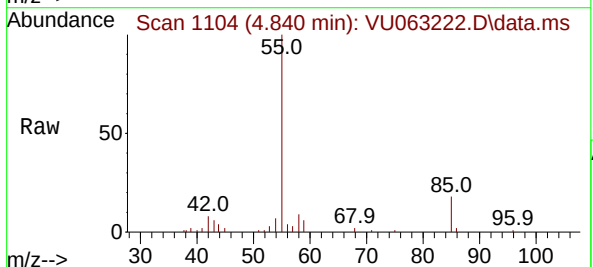
Ion Ratio Lower Upper

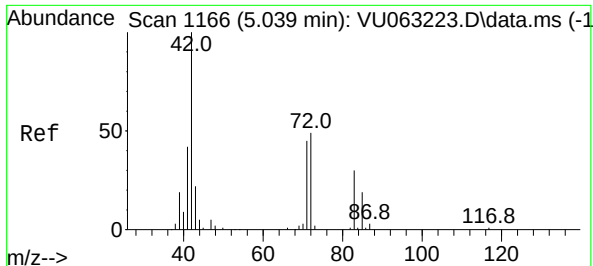
55 100

85 17.5 13.3 19.9

58 8.1 7.3 10.9

42 8.9 6.9 10.3





#41

Tetrahydrofuran

Concen: 9.229 ug/l

RT: 5.042 min Scan# 1167

Delta R.T. 0.003 min

Lab File: VU063222.D

Acq: 10 Feb 2025 14:23

Instrument :

MSVOA_U

ClientSampleId :

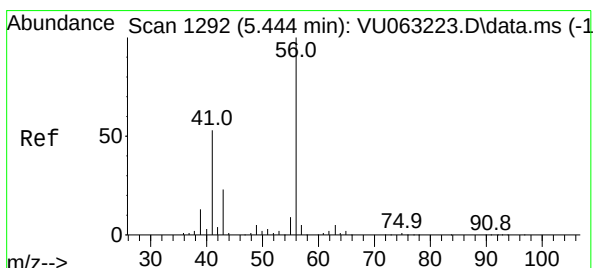
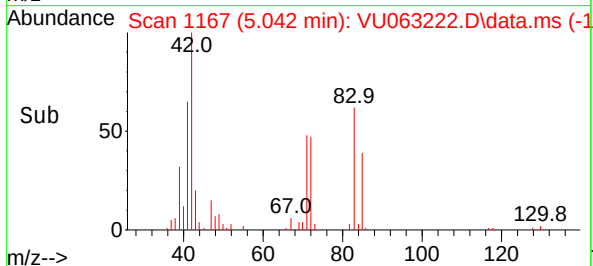
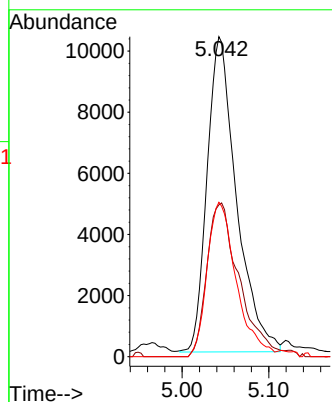
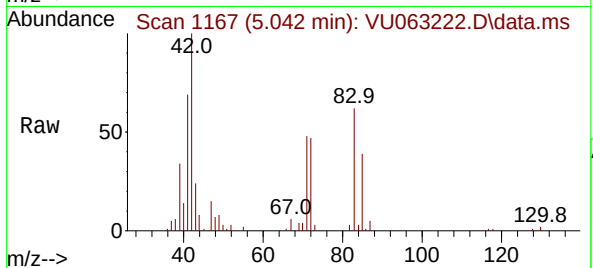
Tgt Ion: 42 Resp: 24329

Ion Ratio Lower Upper

42 100

72 53.6 41.5 62.3

71 48.7 37.2 55.8



#42

1-Chlorobutane

Concen: 5.283 ug/l

RT: 5.444 min Scan# 1292

Delta R.T. 0.000 min

Lab File: VU063222.D

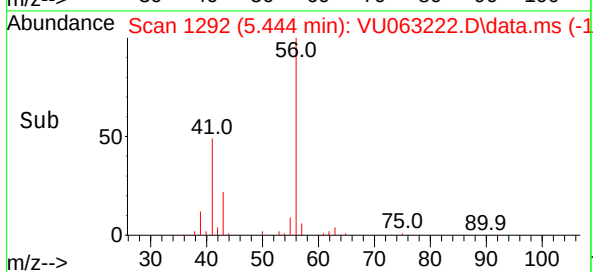
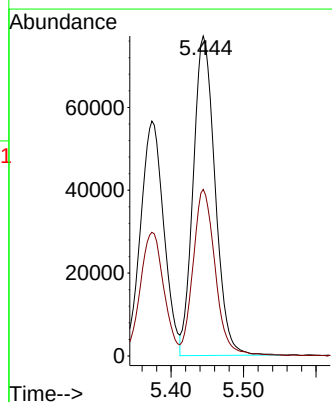
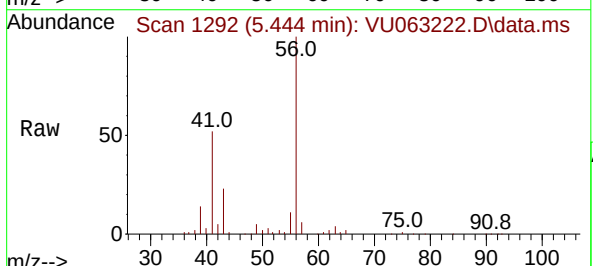
Acq: 10 Feb 2025 14:23

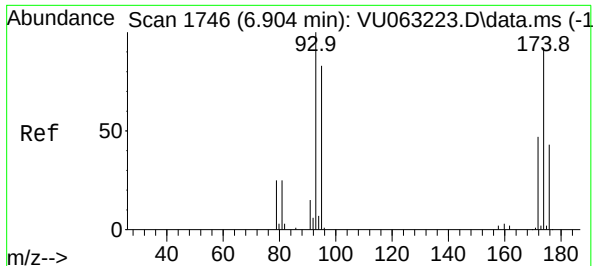
Tgt Ion: 56 Resp: 160975

Ion Ratio Lower Upper

56 100

41 51.3 26.3 78.8





#43

Dibromomethane

Concen: 5.031 ug/l

RT: 6.907 min Scan# 1

Delta R.T. 0.003 min

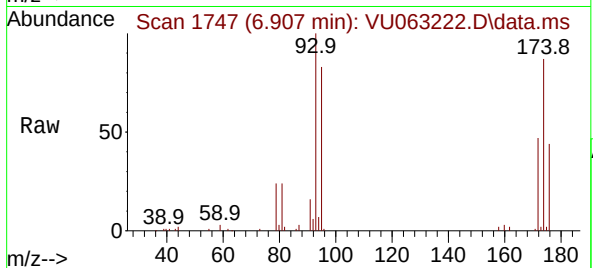
Lab File: VU063222.D

Acq: 10 Feb 2025 14:23

Instrument :

MSVOA_U

ClientSampleId :



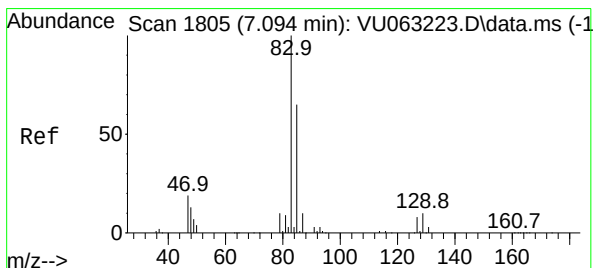
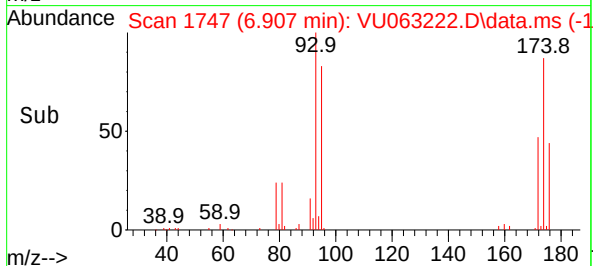
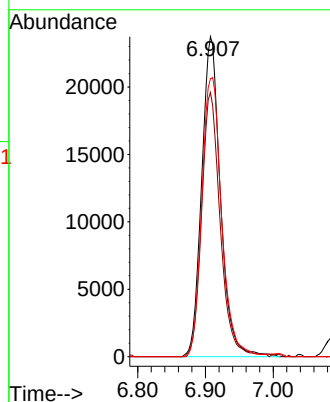
Tgt Ion: 93 Resp: 45659

Ion Ratio Lower Upper

93 100

95 81.3 67.2 100.8

174 92.0 75.7 113.5



#44

Bromodichloromethane

Concen: 5.189 ug/l

RT: 7.094 min Scan# 1805

Delta R.T. 0.000 min

Lab File: VU063222.D

Acq: 10 Feb 2025 14:23

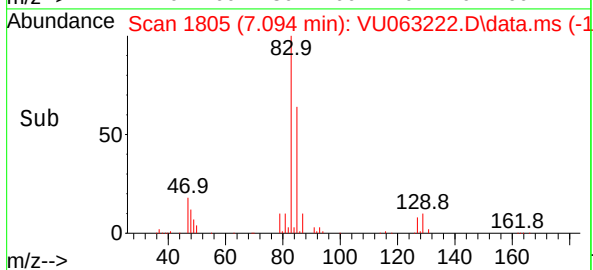
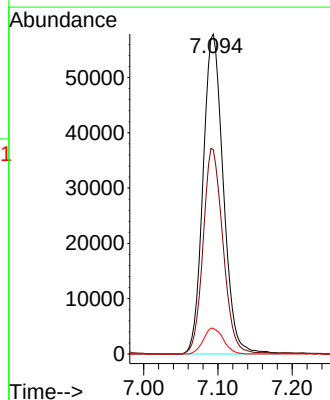
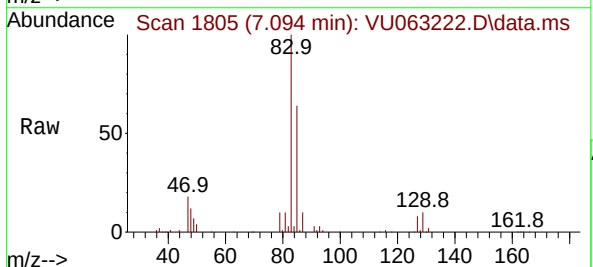
Tgt Ion: 83 Resp: 109612

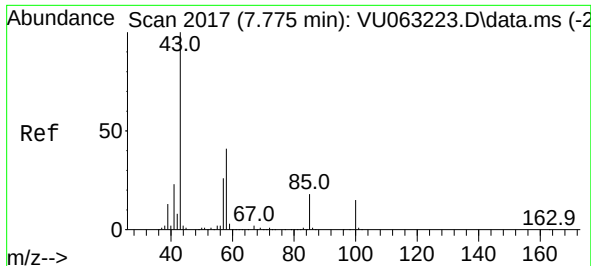
Ion Ratio Lower Upper

83 100

85 63.9 51.7 77.5

127 8.0 6.7 10.1





#45

4-Methyl-2-Pentanone

Concen: 25.799 ug/l

RT: 7.779 min Scan# 2017

Delta R.T. 0.003 min

Lab File: VU063222.D

Acq: 10 Feb 2025 14:23

Instrument :

MSVOA_U

ClientSampleId :

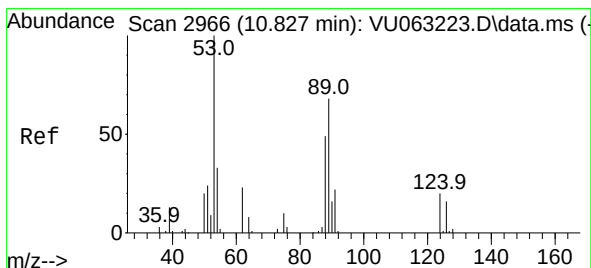
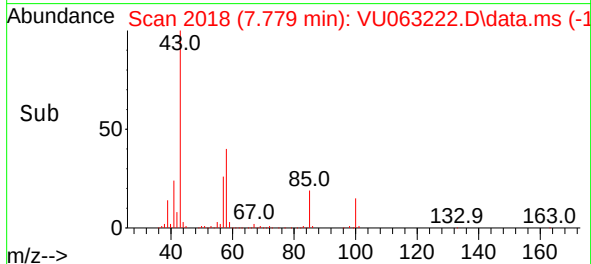
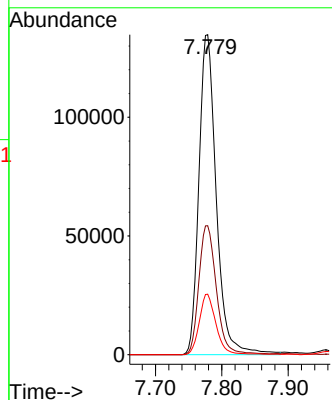
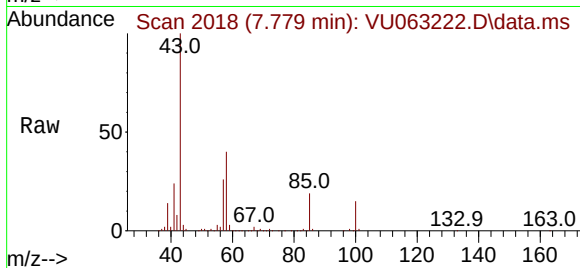
Tgt Ion: 43 Resp: 245466

Ion Ratio Lower Upper

43 100

58 40.8 20.8 62.5

85 18.0 14.8 22.2



#46

t-1,4-Dichloro-2-butene

Concen: 21.124 ug/l

RT: 10.814 min Scan# 2962

Delta R.T. -0.013 min

Lab File: VU063222.D

Acq: 10 Feb 2025 14:23

Tgt Ion: 75 Resp: 99455

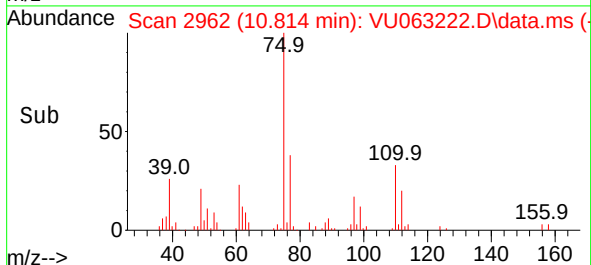
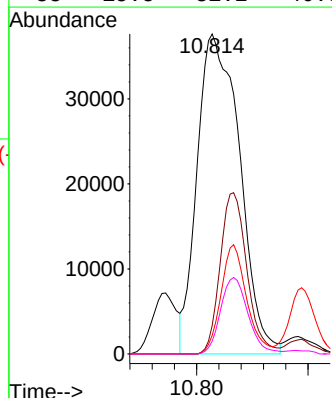
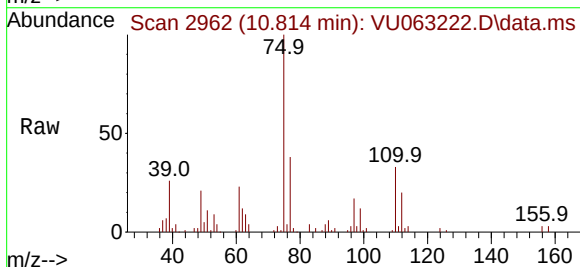
Ion Ratio Lower Upper

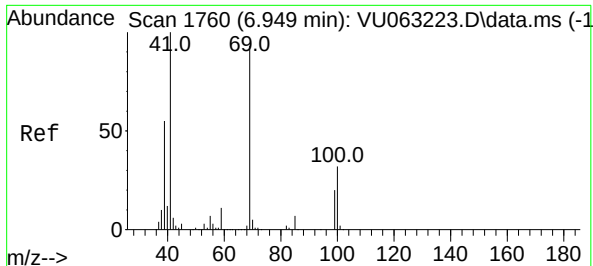
75 100

53 32.0 64.5 96.7#

89 20.8 43.4 65.2#

88 15.5 31.2 46.8#





#47

Methyl methacrylate

Concen: 10.822 ug/l

RT: 6.949 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU063222.D

Acq: 10 Feb 2025 14:23

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 69 Resp: 82725

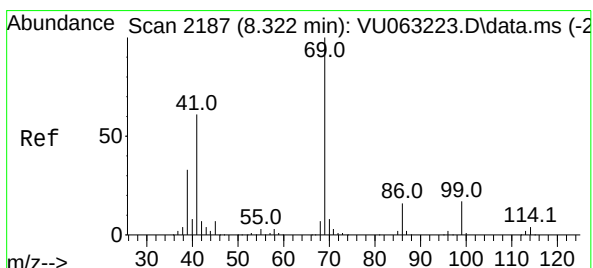
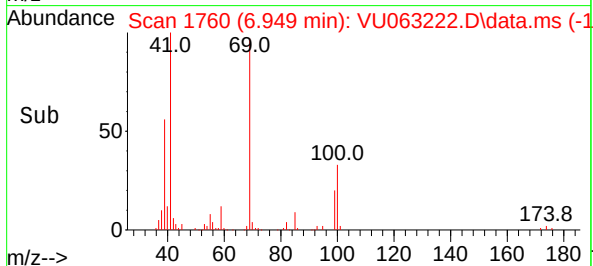
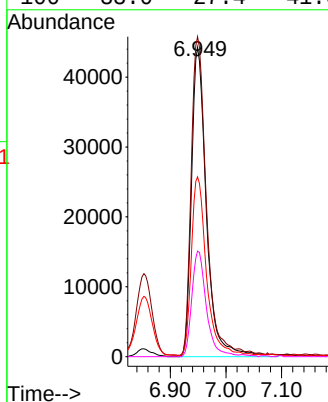
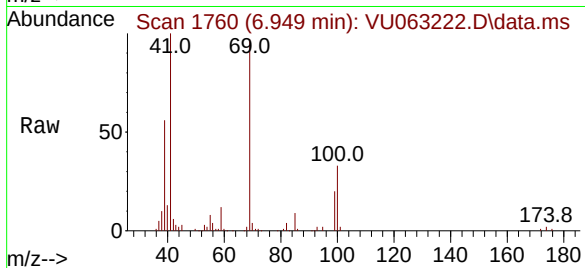
Ion Ratio Lower Upper

69 100

41 103.9 0.0 217.0

39 58.1 47.7 71.5

100 33.0 27.4 41.0



#48

Ethyl methacrylate

Concen: 5.238 ug/l

RT: 8.322 min Scan# 2187

Delta R.T. 0.000 min

Lab File: VU063222.D

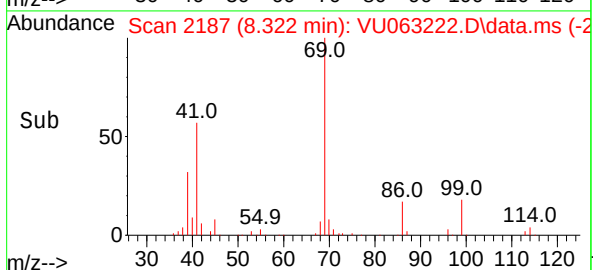
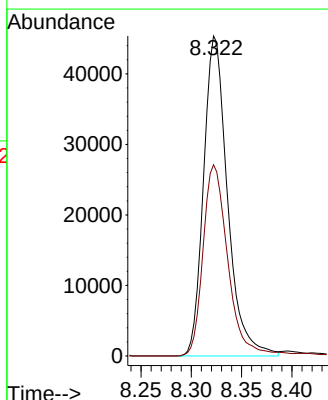
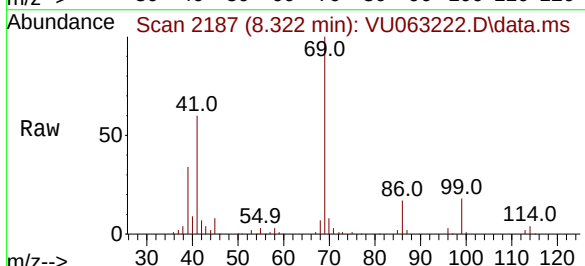
Acq: 10 Feb 2025 14:23

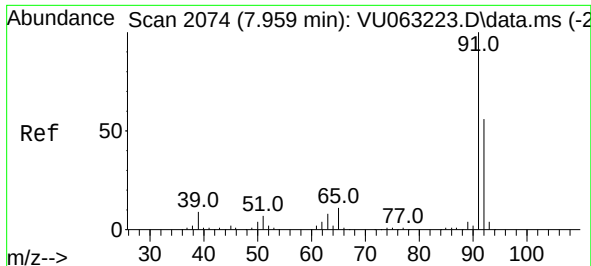
Tgt Ion: 69 Resp: 75186

Ion Ratio Lower Upper

69 100

41 62.0 30.6 92.0





#49

Toluene

Concen: 5.270 ug/l

RT: 7.959 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VU063222.D

Acq: 10 Feb 2025 14:23

Instrument :

MSVOA_U

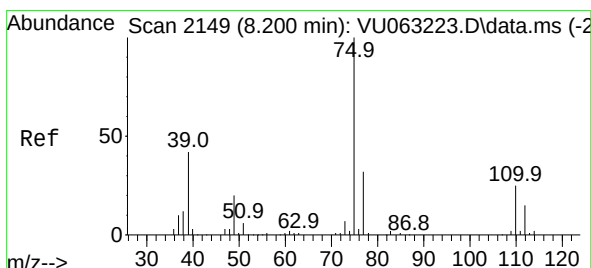
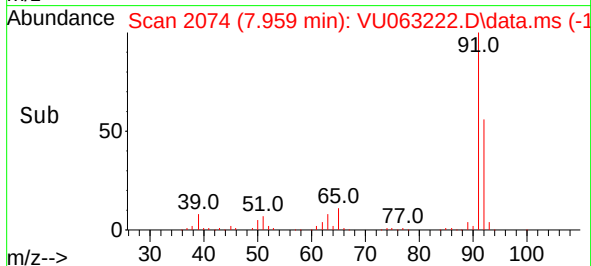
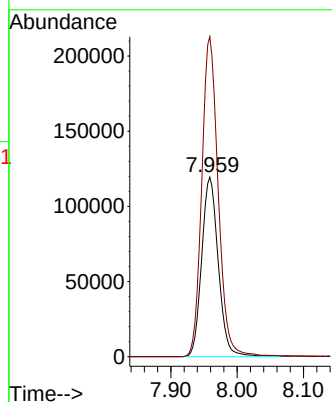
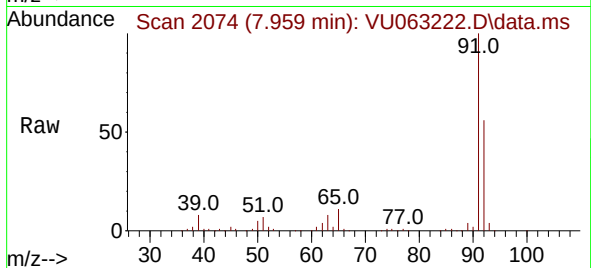
ClientSampleId :

Tgt Ion: 92 Resp: 207542

Ion Ratio Lower Upper

92 100

91 177.1 141.8 212.6



#50

t-1,3-Dichloropropene

Concen: 5.221 ug/l

RT: 8.200 min Scan# 2149

Delta R.T. 0.000 min

Lab File: VU063222.D

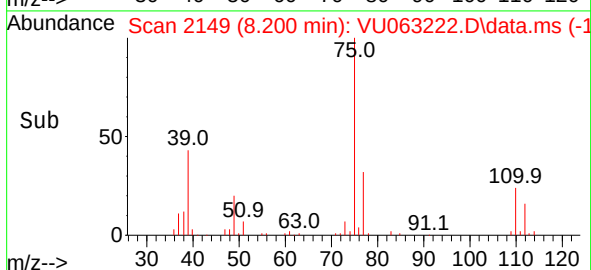
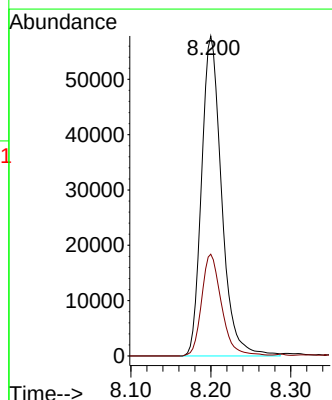
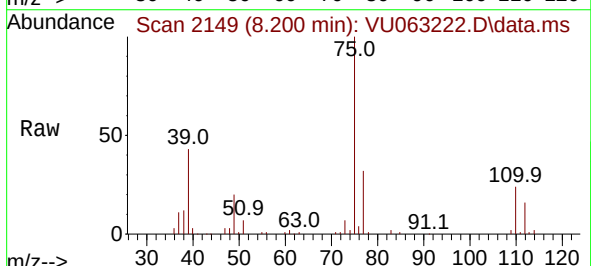
Acq: 10 Feb 2025 14:23

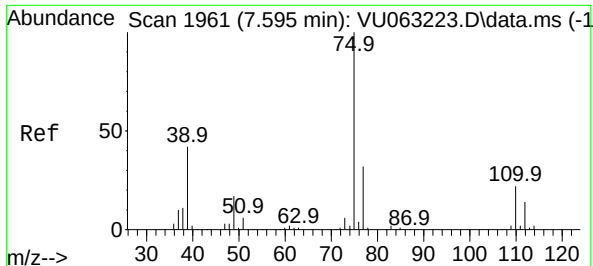
Tgt Ion: 75 Resp: 100975

Ion Ratio Lower Upper

75 100

77 31.8 25.9 38.9

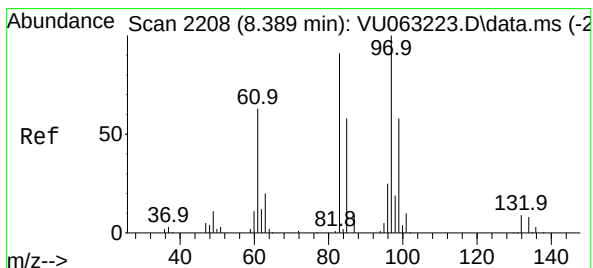
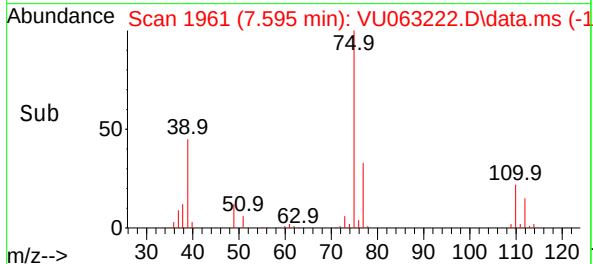
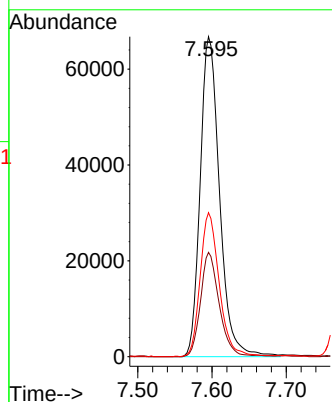
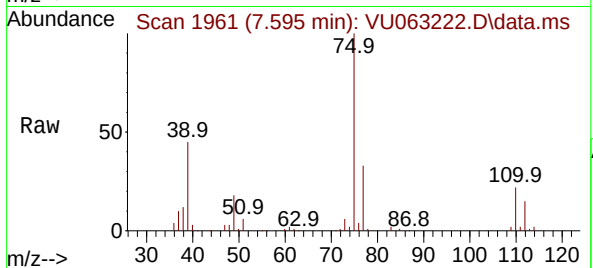




#51
 cis-1,3-Dichloropropene
 Concen: 5.070 ug/l
 RT: 7.595 min Scan# 1961
 Delta R.T. 0.000 min
 Lab File: VU063222.D
 Acq: 10 Feb 2025 14:23

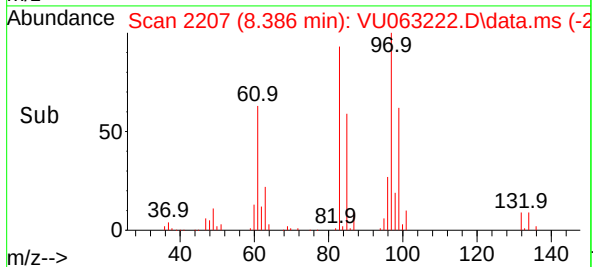
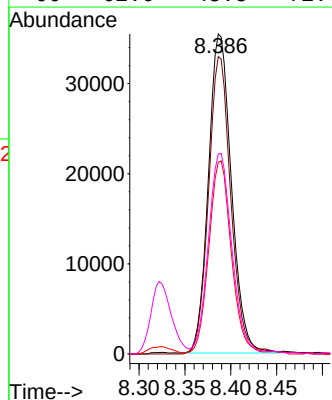
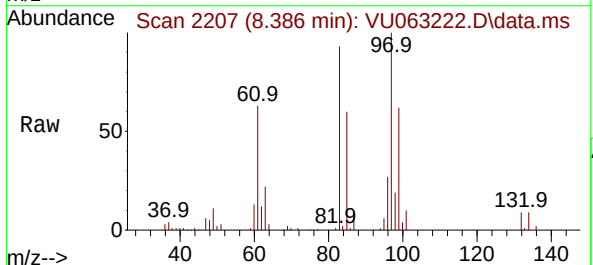
Instrument :
 MSVOA_U
 ClientSampleId :

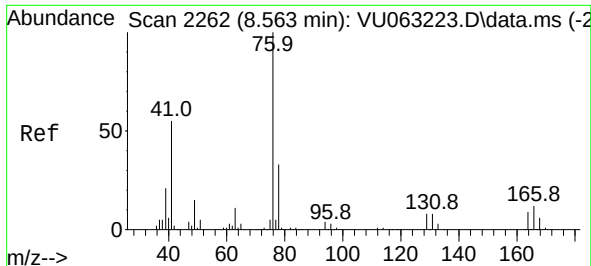
Tgt Ion: 75 Resp: 121107
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.3 37.9
 39 45.0 33.5 50.3



#52
 1,1,2-Trichloroethane
 Concen: 5.042 ug/l
 RT: 8.386 min Scan# 2207
 Delta R.T. -0.003 min
 Lab File: VU063222.D
 Acq: 10 Feb 2025 14:23

Tgt Ion: 97 Resp: 61701
 Ion Ratio Lower Upper
 97 100
 83 93.2 73.0 109.4
 85 59.6 46.3 69.5
 99 62.0 48.5 72.7





#53

1,3-Dichloropropane

Concen: 5.136 ug/l

RT: 8.563 min Scan# 2262

Delta R.T. 0.000 min

Lab File: VU063222.D

Acq: 10 Feb 2025 14:23

Instrument :

MSVOA_U

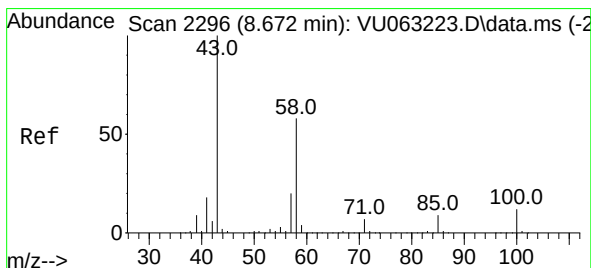
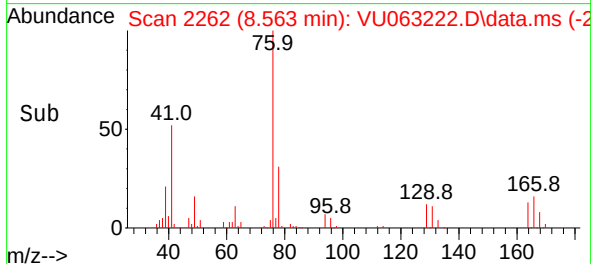
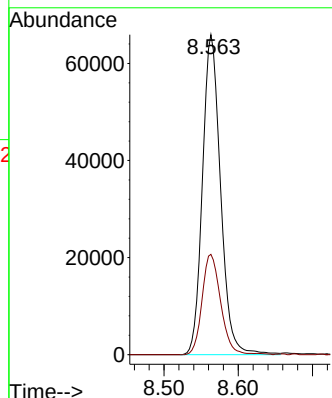
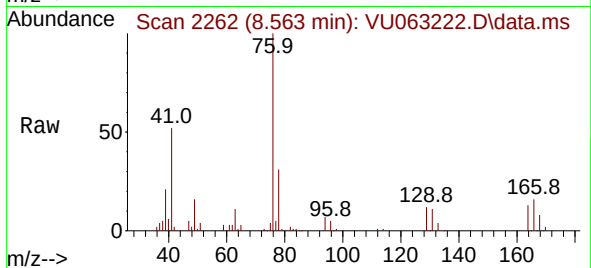
ClientSampleId :

Tgt Ion: 76 Resp: 111566

Ion Ratio Lower Upper

76 100

78 32.3 26.3 39.5



#54

2-Hexanone

Concen: 25.235 ug/l

RT: 8.672 min Scan# 2296

Delta R.T. 0.000 min

Lab File: VU063222.D

Acq: 10 Feb 2025 14:23

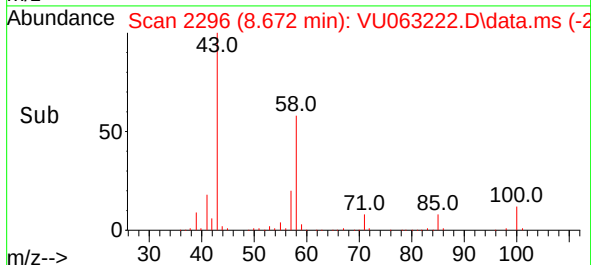
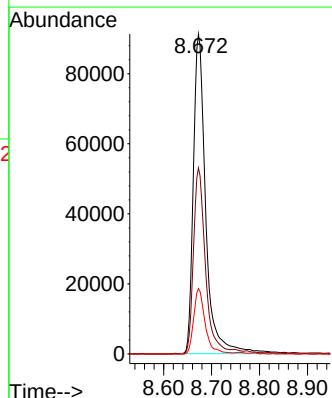
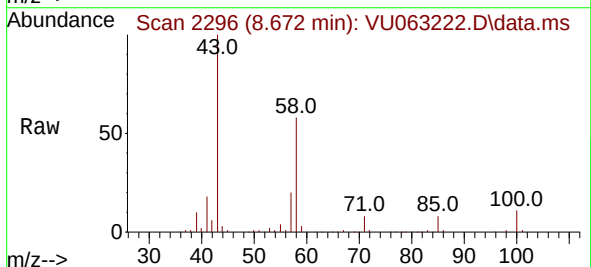
Tgt Ion: 43 Resp: 163849

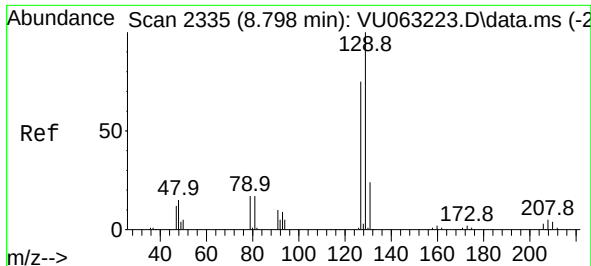
Ion Ratio Lower Upper

43 100

58 55.7 38.0 78.0

57 18.9 0.0 39.1





#55

Dibromochloromethane

Concen: 5.061 ug/l

RT: 8.798 min Scan# 2335

Delta R.T. 0.000 min

Lab File: VU063222.D

Acq: 10 Feb 2025 14:23

Instrument :

MSVOA_U

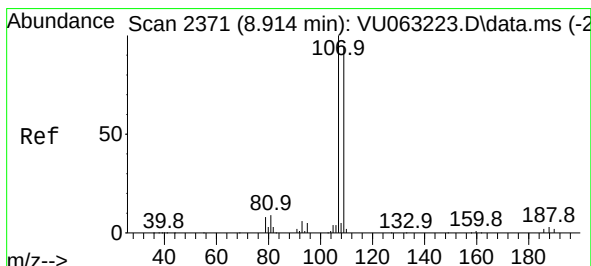
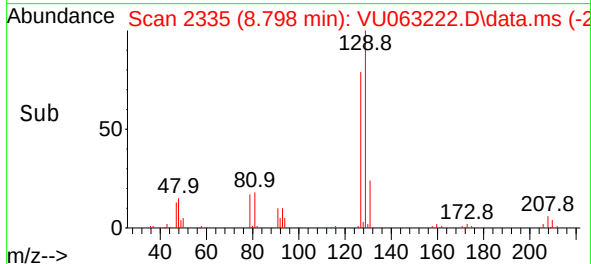
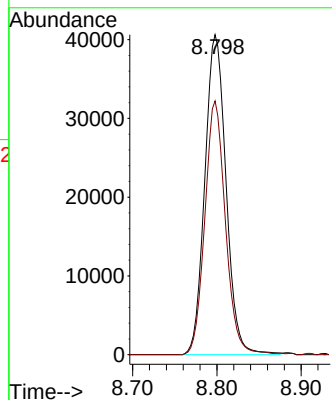
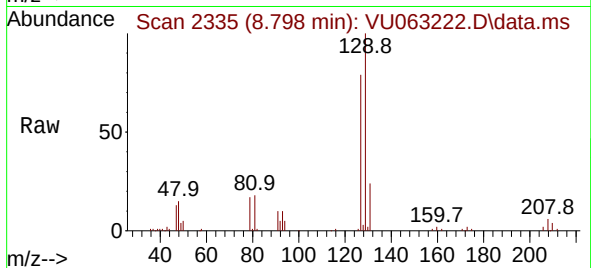
ClientSampleId :

Tgt Ion:129 Resp: 71240

Ion Ratio Lower Upper

129 100

127 77.1 60.4 90.6



#56

1,2-Dibromoethane

Concen: 5.079 ug/l

RT: 8.914 min Scan# 2371

Delta R.T. 0.000 min

Lab File: VU063222.D

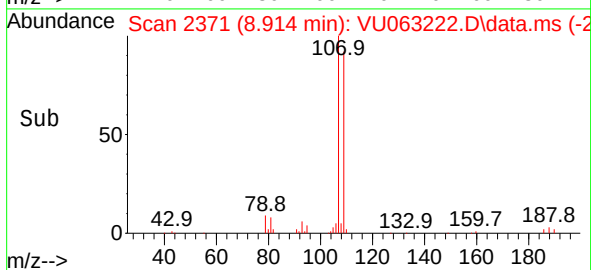
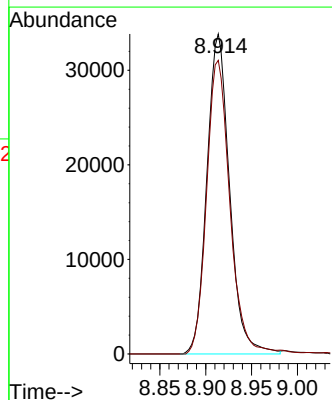
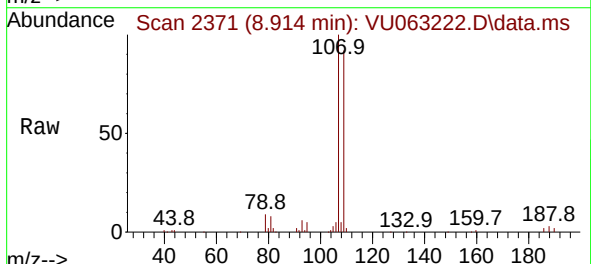
Acq: 10 Feb 2025 14:23

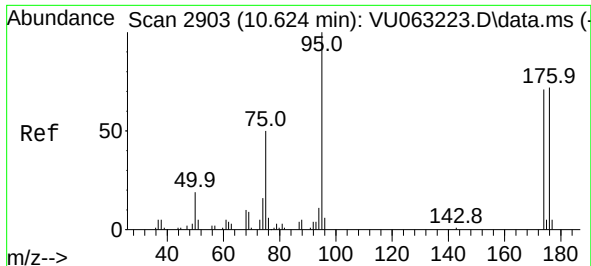
Tgt Ion:107 Resp: 58284

Ion Ratio Lower Upper

107 100

109 94.6 0.0 187.8





#57

4-Bromofluorobenzene

Concen: 0.974 ug/l

RT: 10.624 min Scan# 2903

Delta R.T. 0.000 min

Lab File: VU063222.D

Acq: 10 Feb 2025 14:23

Instrument :

MSVOA_U

ClientSampleId :

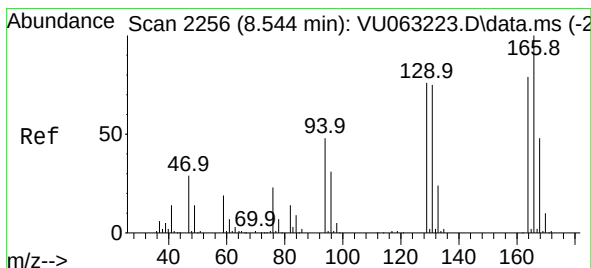
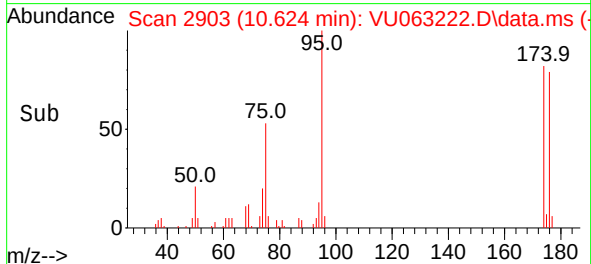
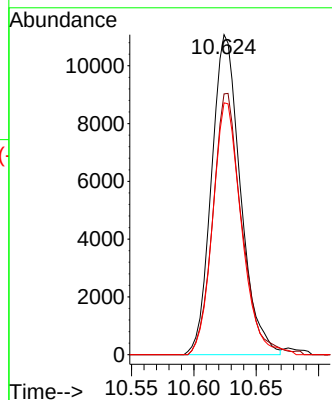
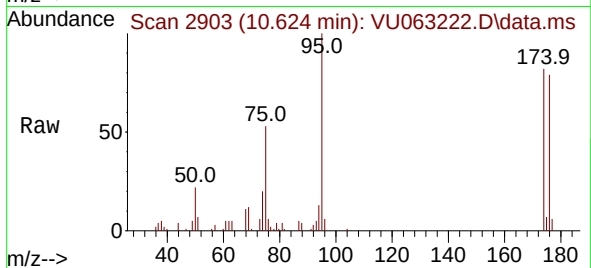
Tgt Ion: 95 Resp: 17913

Ion Ratio Lower Upper

95 100

174 81.3 58.6 88.0

176 78.3 58.2 87.4



#58

Tetrachloroethene

Concen: 5.194 ug/l

RT: 8.544 min Scan# 2256

Delta R.T. 0.000 min

Lab File: VU063222.D

Acq: 10 Feb 2025 14:23

Tgt Ion: 164 Resp: 69703

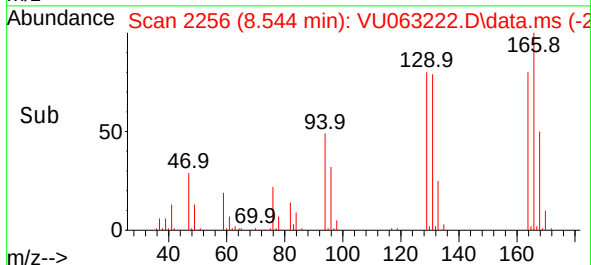
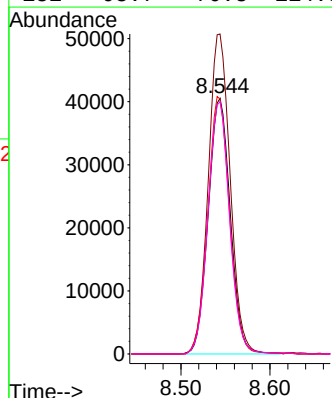
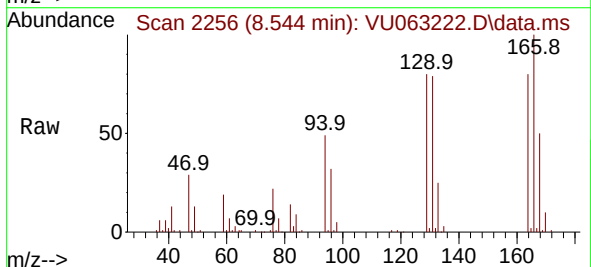
Ion Ratio Lower Upper

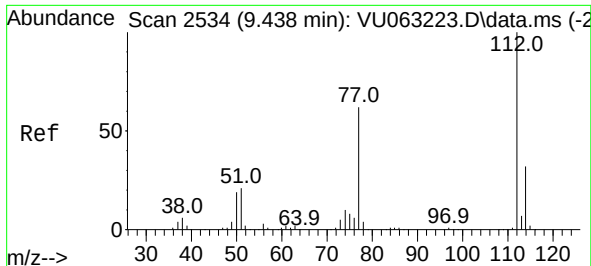
164 100

166 125.2 101.4 152.0

129 99.7 77.0 115.4

131 98.7 76.3 114.5

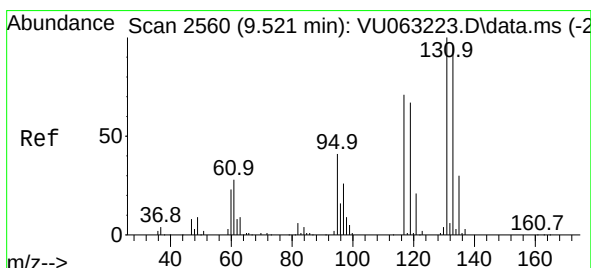
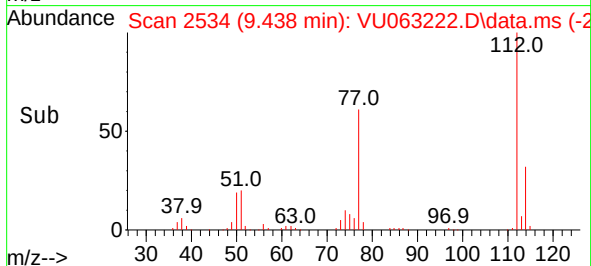
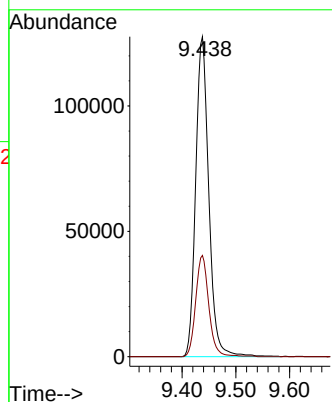
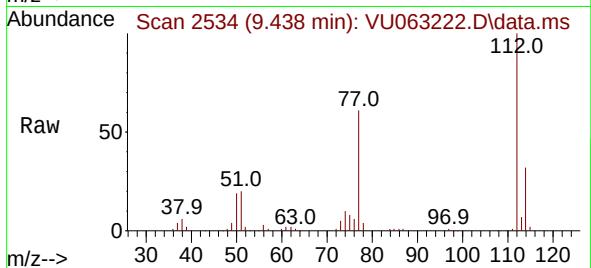




#59
 Chlorobenzene
 Concen: 5.198 ug/l
 RT: 9.438 min Scan# 2534
 Delta R.T. 0.000 min
 Lab File: VU063222.D
 Acq: 10 Feb 2025 14:23

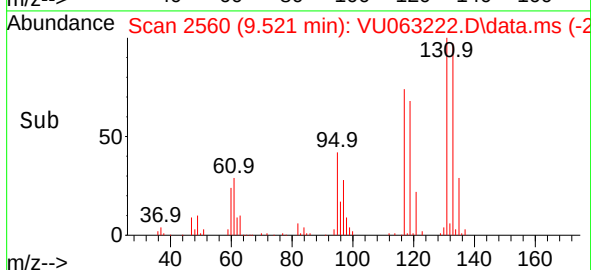
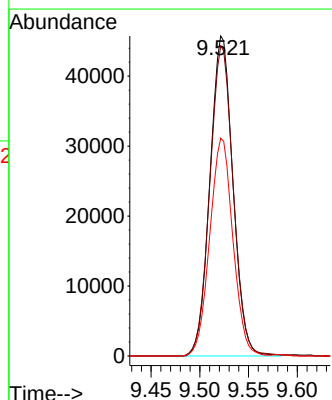
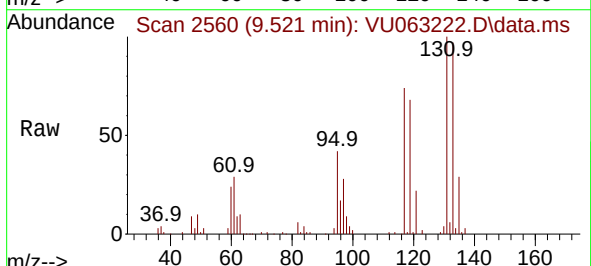
Instrument :
 MSVOA_U
 ClientSampleId :

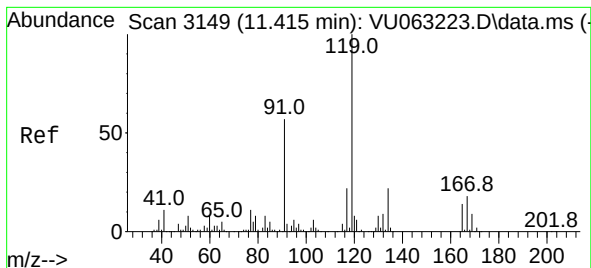
Tgt Ion:112 Resp: 215989
 Ion Ratio Lower Upper
 112 100
 114 31.7 25.7 38.5



#60
 1,1,1,2-Tetrachloroethane
 Concen: 5.018 ug/l
 RT: 9.521 min Scan# 2560
 Delta R.T. 0.000 min
 Lab File: VU063222.D
 Acq: 10 Feb 2025 14:23

Tgt Ion:131 Resp: 74952
 Ion Ratio Lower Upper
 131 100
 133 98.9 76.7 115.1
 119 68.6 54.4 81.6

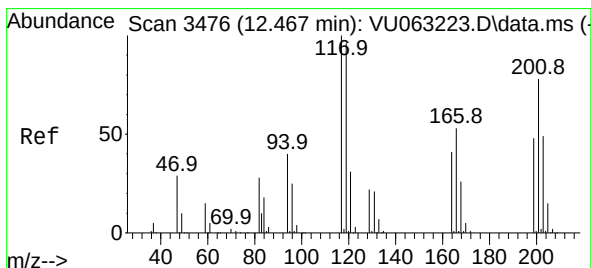
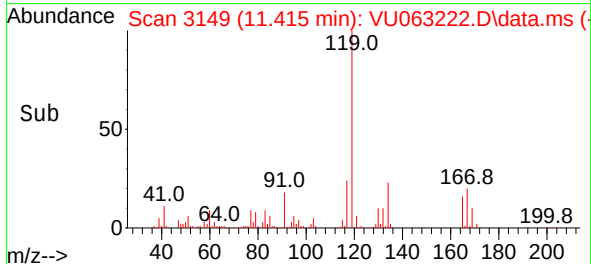
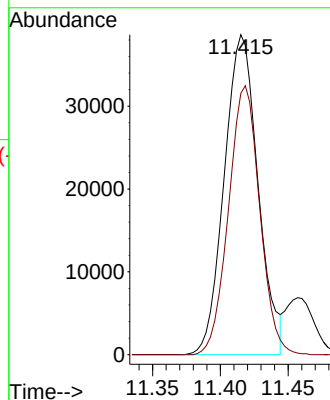
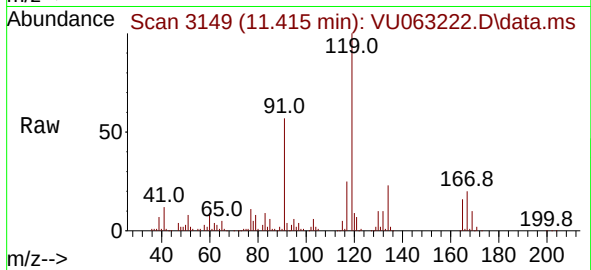




#61
 Pentachloroethane
 Concen: 5.016 ug/l
 RT: 11.415 min Scan# 3149
 Delta R.T. 0.000 min
 Lab File: VU063222.D
 Acq: 10 Feb 2025 14:23

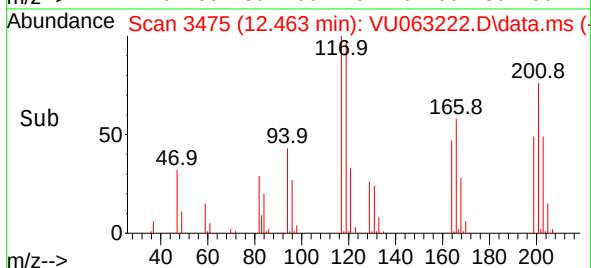
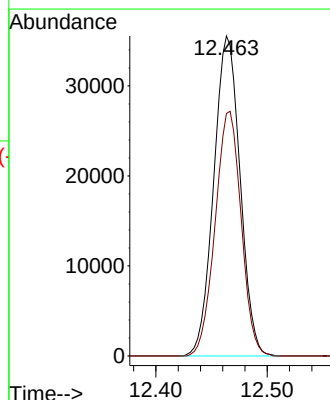
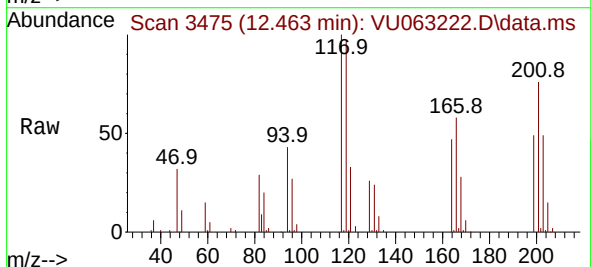
Instrument :
 MSVOA_U
 ClientSampleId :

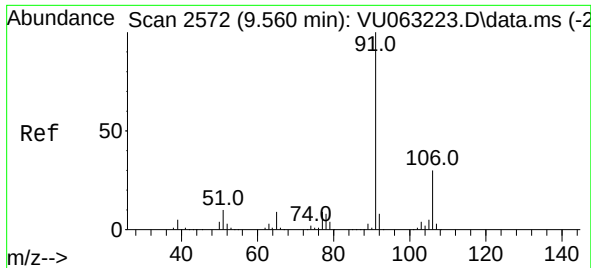
Tgt Ion:117 Resp: 66930
 Ion Ratio Lower Upper
 117 100
 167 77.9 65.0 97.6



#62
 Hexachloroethane
 Concen: 4.947 ug/l
 RT: 12.463 min Scan# 3475
 Delta R.T. -0.003 min
 Lab File: VU063222.D
 Acq: 10 Feb 2025 14:23

Tgt Ion:117 Resp: 58399
 Ion Ratio Lower Upper
 117 100
 201 75.3 61.3 91.9





#63

Ethyl Benzene

Concen: 5.301 ug/l

RT: 9.560 min Scan# 2572

Delta R.T. 0.000 min

Lab File: VU063222.D

Acq: 10 Feb 2025 14:23

Instrument :

MSVOA_U

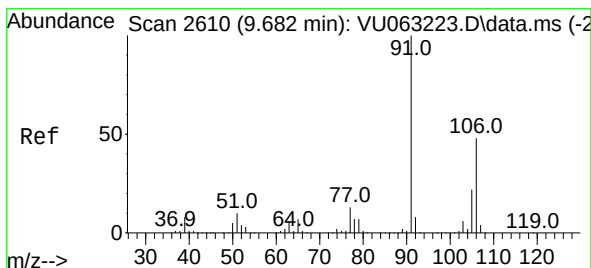
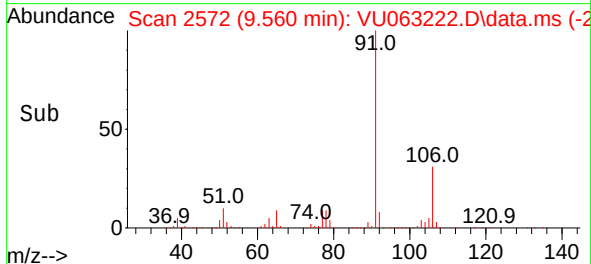
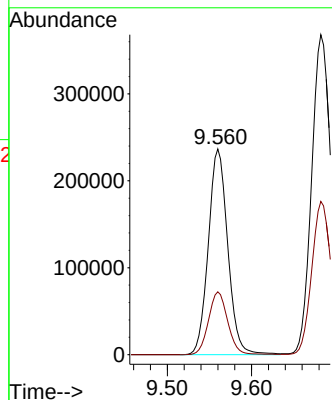
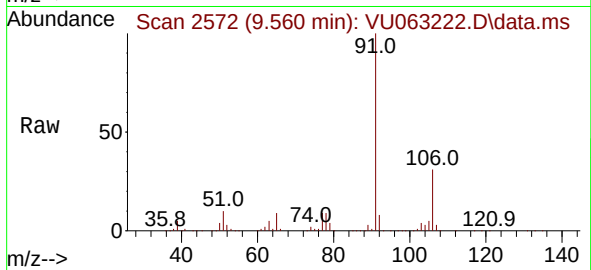
ClientSampleId :

Tgt Ion: 91 Resp: 379921

Ion Ratio Lower Upper

91 100

106 30.6 24.2 36.2



#64

m/p-Xylenes

Concen: 10.960 ug/l

RT: 9.682 min Scan# 2610

Delta R.T. 0.000 min

Lab File: VU063222.D

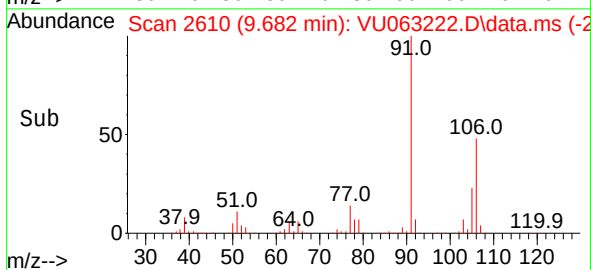
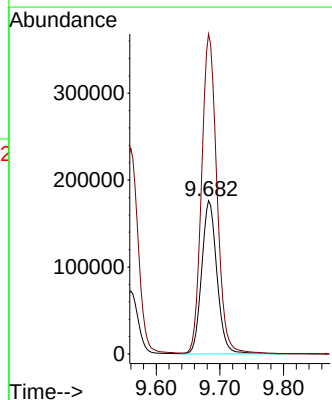
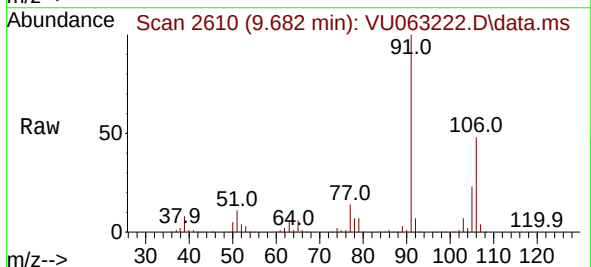
Acq: 10 Feb 2025 14:23

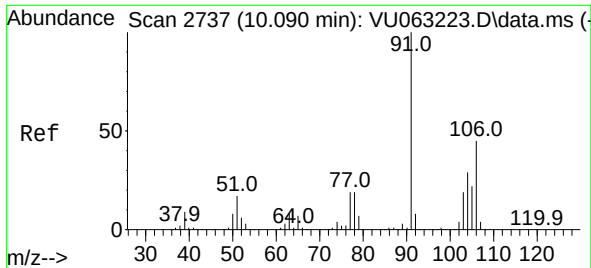
Tgt Ion:106 Resp: 293404

Ion Ratio Lower Upper

106 100

91 209.6 166.9 250.3

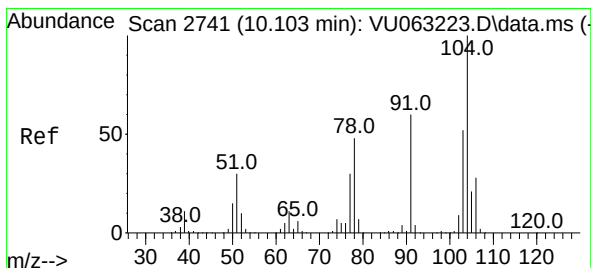
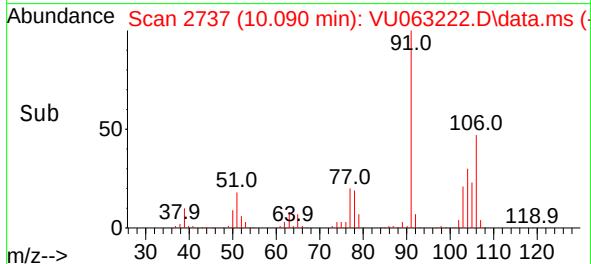
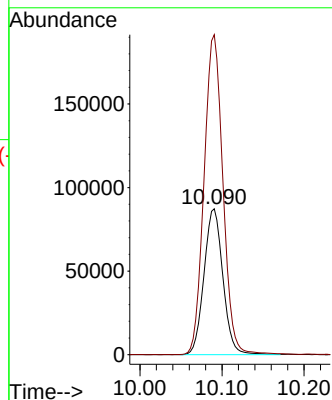
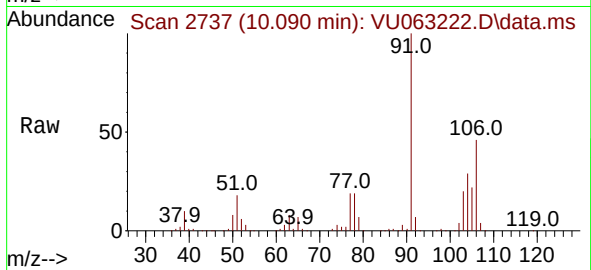




#65
o-Xylene
Concen: 5.340 ug/l
RT: 10.090 min Scan# 2737
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

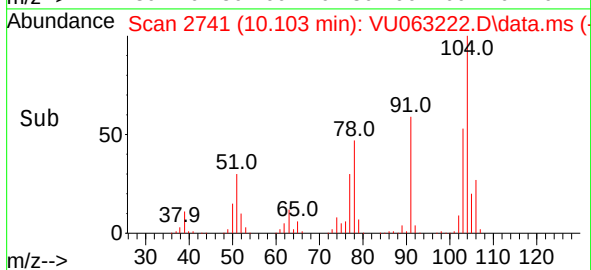
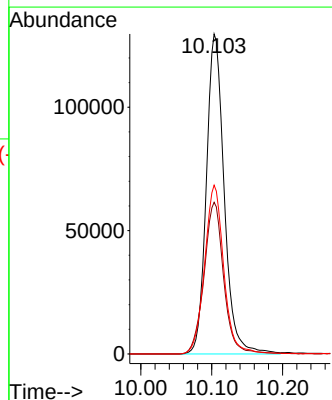
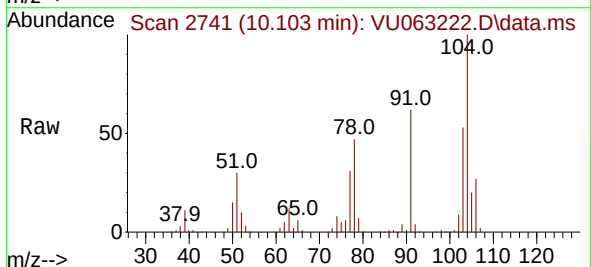
Instrument :
MSVOA_U
ClientSampleId :

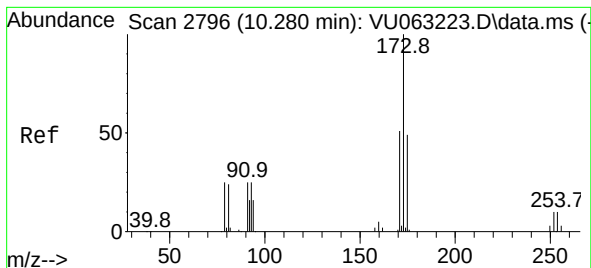
Tgt Ion:106 Resp: 139940
Ion Ratio Lower Upper
106 100
91 219.4 110.9 332.9



#66
Styrene
Concen: 5.448 ug/l
RT: 10.103 min Scan# 2741
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

Tgt Ion:104 Resp: 227199
Ion Ratio Lower Upper
104 100
78 52.1 41.2 61.8
103 56.8 44.8 67.2





#67

Bromoform

Concen: 5.053 ug/l

RT: 10.280 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU063222.D

Acq: 10 Feb 2025 14:23

Instrument :

MSVOA_U

ClientSampleId :

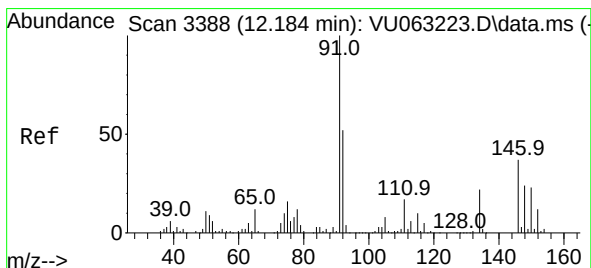
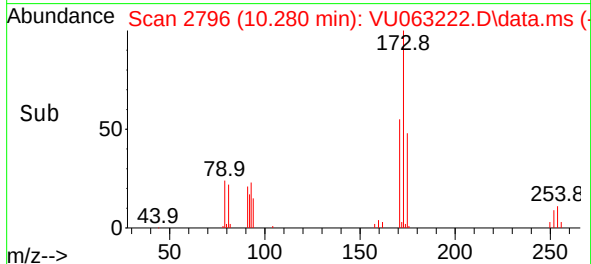
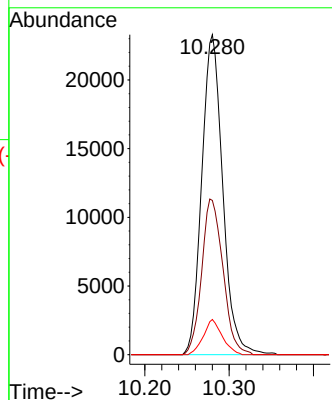
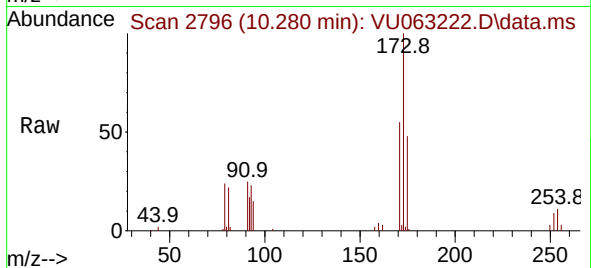
Tgt Ion:173 Resp: 40369

Ion Ratio Lower Upper

173 100

175 49.3 39.0 58.4

254 9.9 7.7 11.5



#68

1,2-Dichlorobenzene-d4

Concen: 0.978 ug/l

RT: 12.184 min Scan# 3388

Delta R.T. 0.000 min

Lab File: VU063222.D

Acq: 10 Feb 2025 14:23

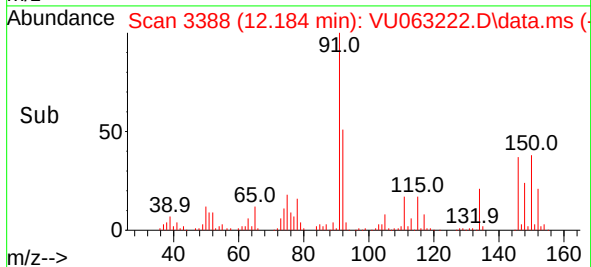
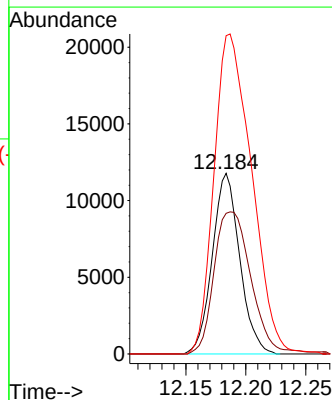
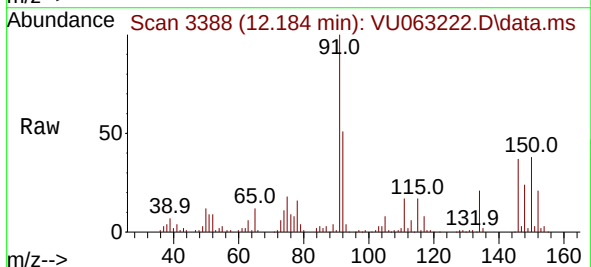
Tgt Ion:152 Resp: 18704

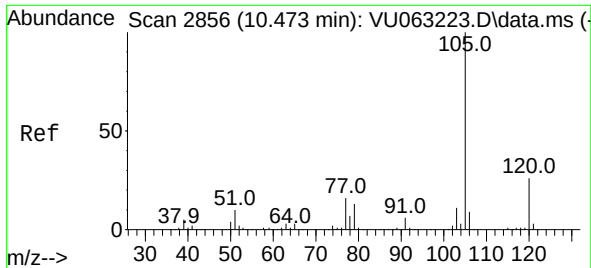
Ion Ratio Lower Upper

152 100

115 105.9 0.0 275.2

150 243.0 0.0 658.4

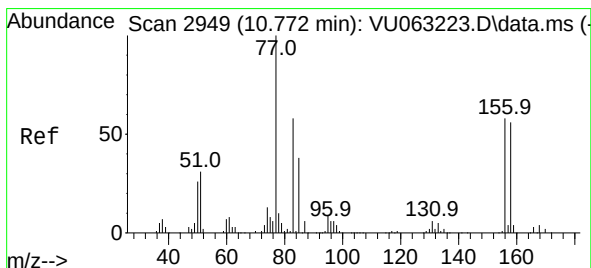
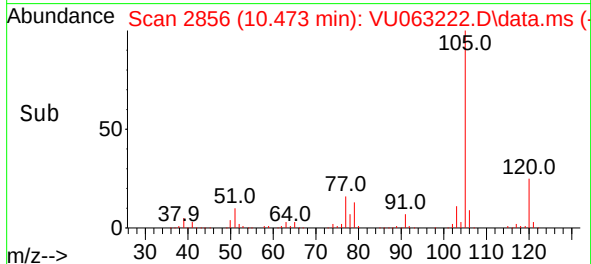
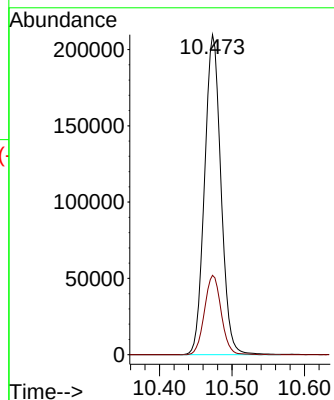
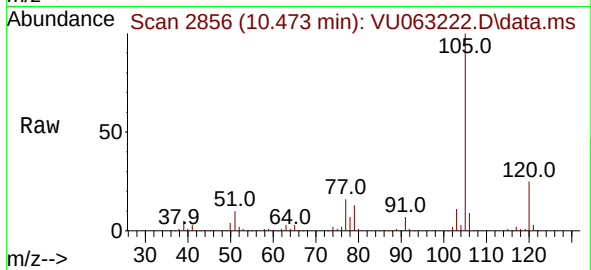




#69
Isopropylbenzene
Concen: 5.356 ug/l
RT: 10.473 min Scan# 2856
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

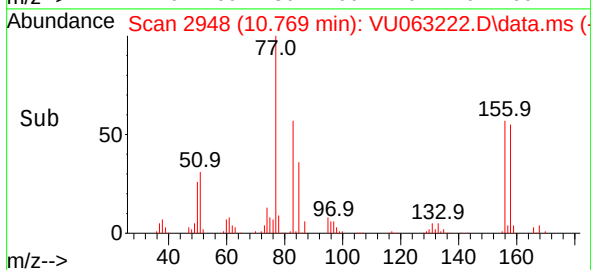
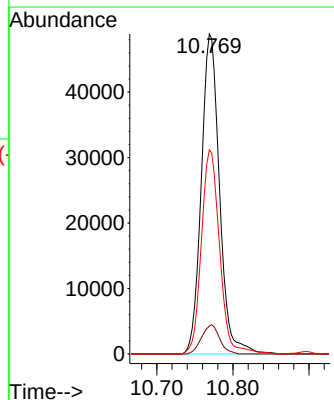
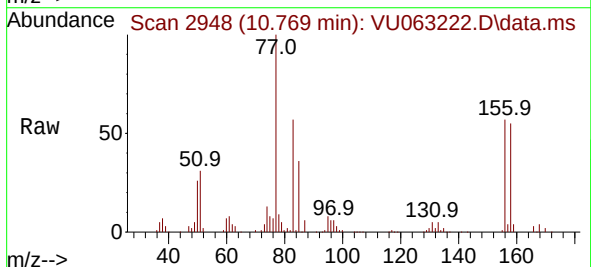
Instrument :
MSVOA_U
ClientSampleId :

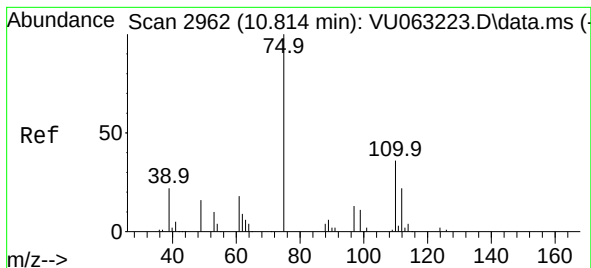
Tgt Ion:105 Resp: 329990
Ion Ratio Lower Upper
105 100
120 25.3 12.8 38.4



#70
1,1,2,2-Tetrachloroethane
Concen: 4.932 ug/l
RT: 10.769 min Scan# 2948
Delta R.T. -0.003 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

Tgt Ion: 83 Resp: 81338
Ion Ratio Lower Upper
83 100
131 9.0 7.4 11.0
85 63.7 51.8 77.8





#71

1,2,3-Trichloropropane

Concen: 7.953 ug/l

RT: 10.814 min Scan# 2962

Delta R.T. 0.000 min

Lab File: VU063222.D

Acq: 10 Feb 2025 14:23

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 75 Resp: 99455

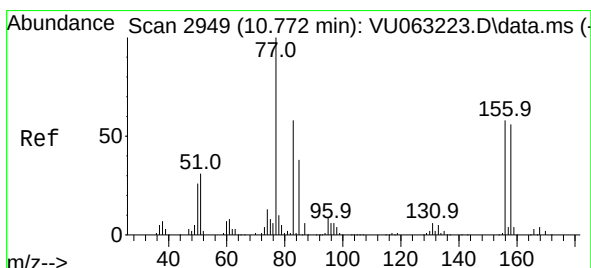
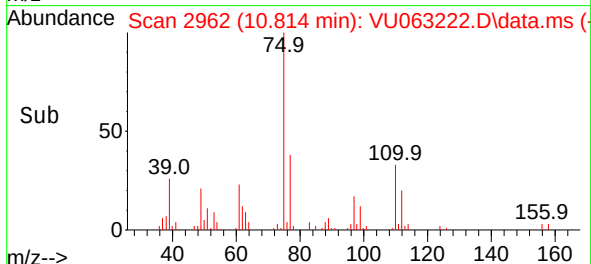
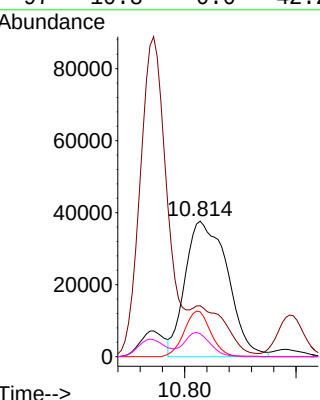
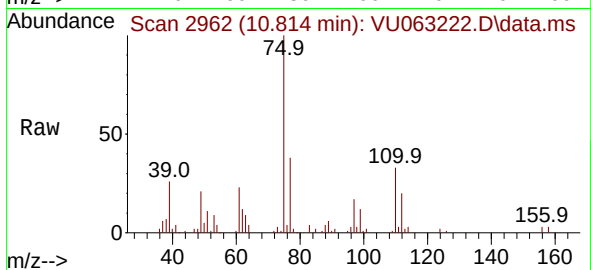
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

110 21.2 0.0 77.0

97 10.8 0.0 42.2



#72

Bromobenzene

Concen: 5.178 ug/l

RT: 10.772 min Scan# 2949

Delta R.T. 0.000 min

Lab File: VU063222.D

Acq: 10 Feb 2025 14:23

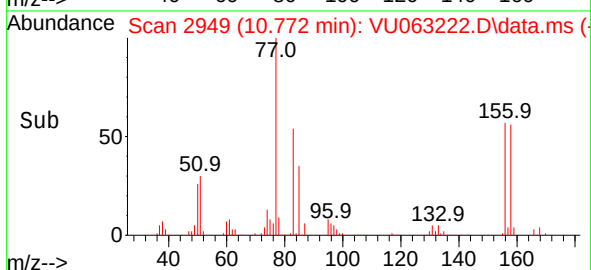
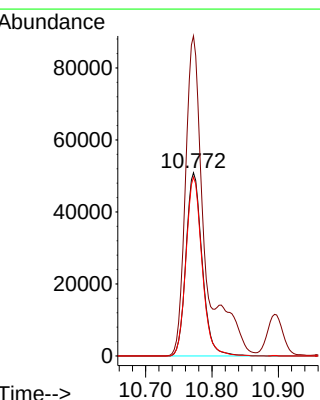
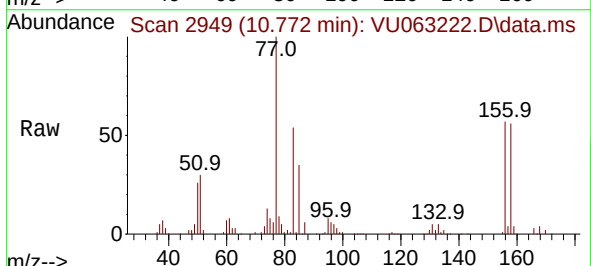
Tgt Ion:156 Resp: 85960

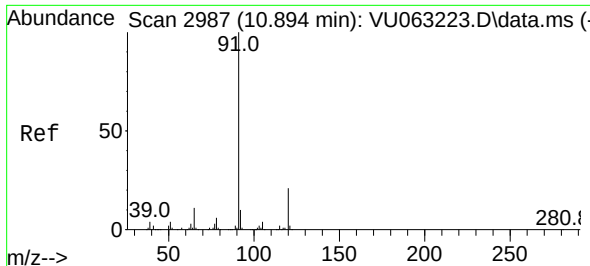
Ion Ratio Lower Upper

156 100

77 175.5 0.0 343.6

158 97.1 0.0 193.0

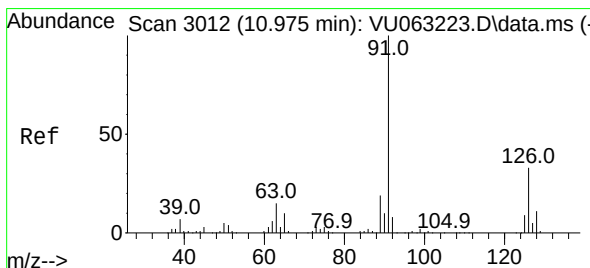
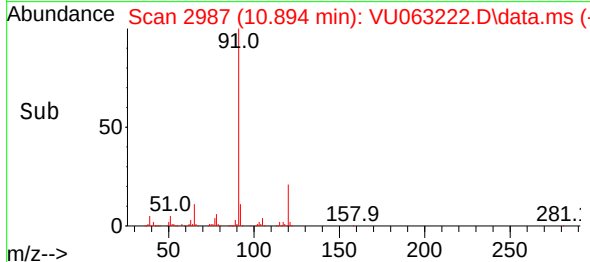
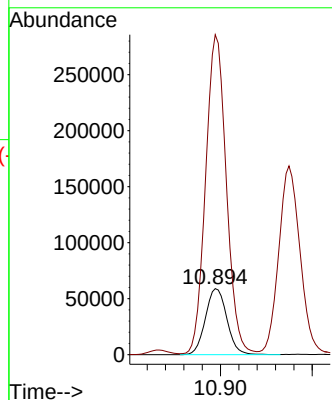
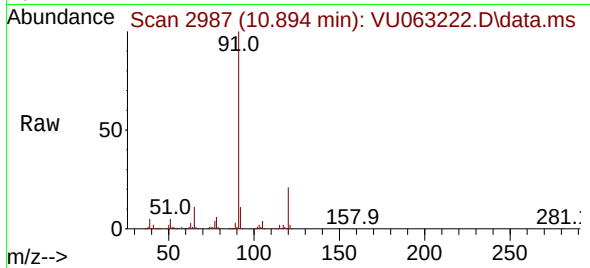




#73
n-propylbenzene
Concen: 5.439 ug/l
RT: 10.894 min Scan# 2987
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

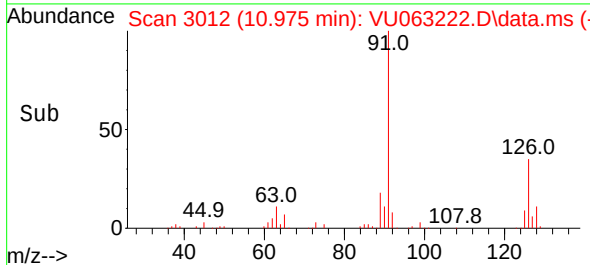
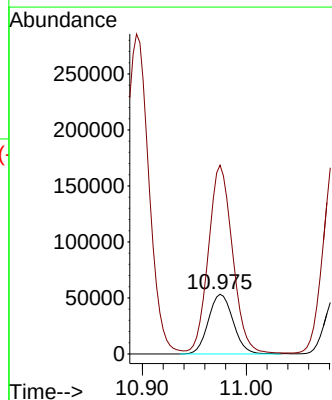
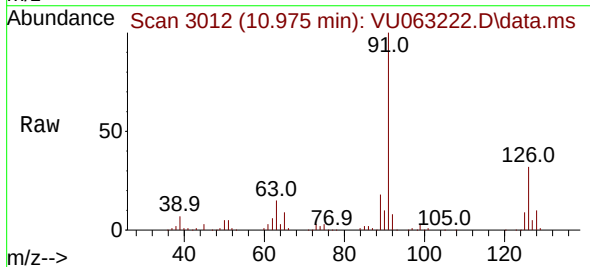
Instrument :
MSVOA_U
ClientSampleId :

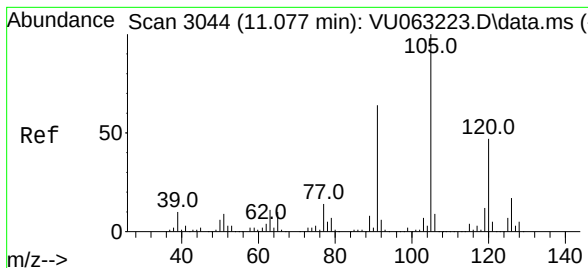
Tgt Ion:120 Resp: 95937
Ion Ratio Lower Upper
120 100
91 464.6 369.8 554.6



#74
2-Chlorotoluene
Concen: 5.399 ug/l
RT: 10.975 min Scan# 3012
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

Tgt Ion:126 Resp: 87769
Ion Ratio Lower Upper
126 100
91 307.9 0.0 623.8

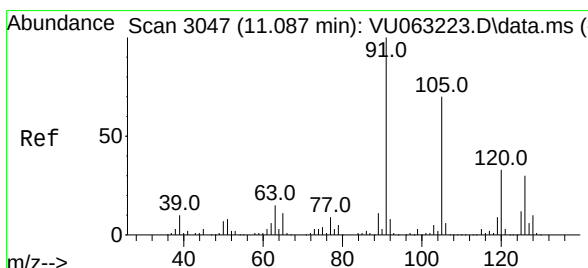
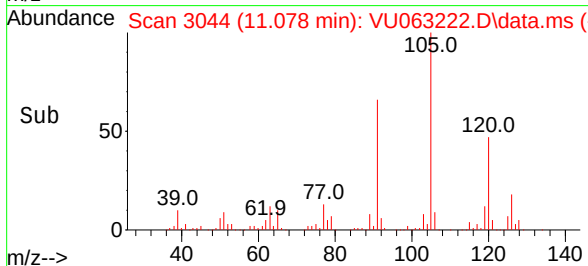
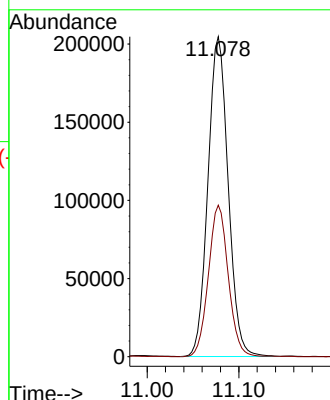
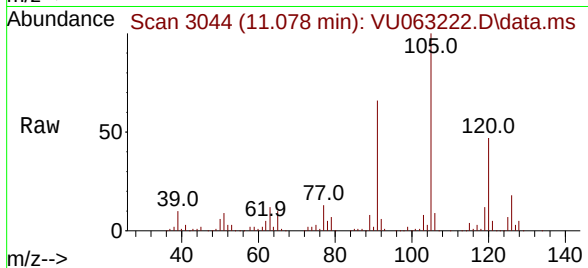




#75
1,3,5-Trimethylbenzene
Concen: 5.489 ug/l
RT: 11.078 min Scan# 3044
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

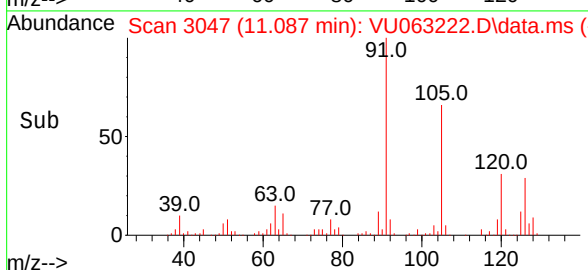
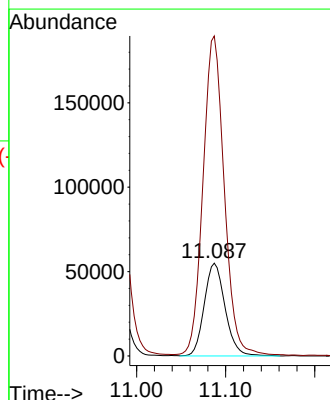
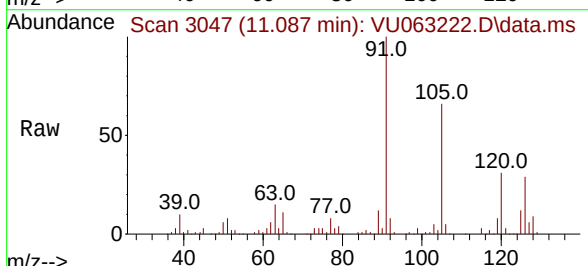
Instrument :
MSVOA_U
ClientSampleId :

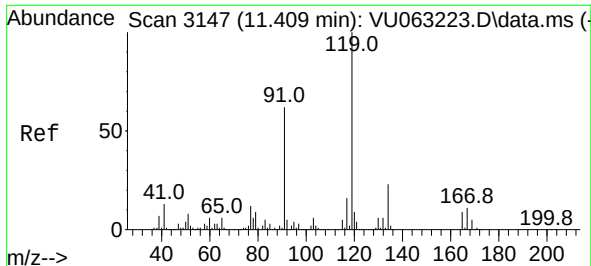
Tgt Ion:105 Resp: 313345
Ion Ratio Lower Upper
105 100
120 46.6 37.3 55.9



#76
4-Chlorotoluene
Concen: 5.353 ug/l
RT: 11.087 min Scan# 3047
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

Tgt Ion:126 Resp: 89247
Ion Ratio Lower Upper
126 100
91 349.6 0.0 703.6

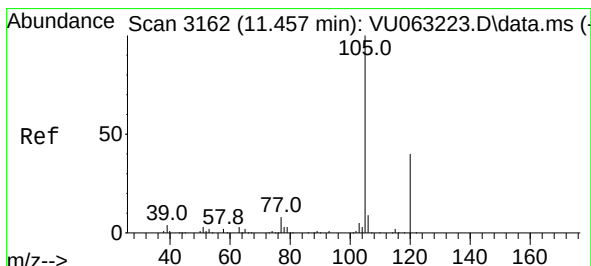
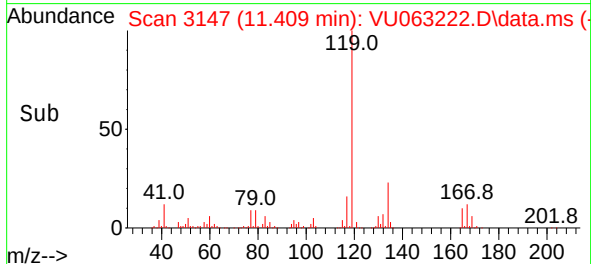
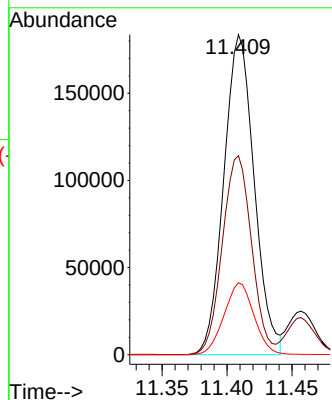
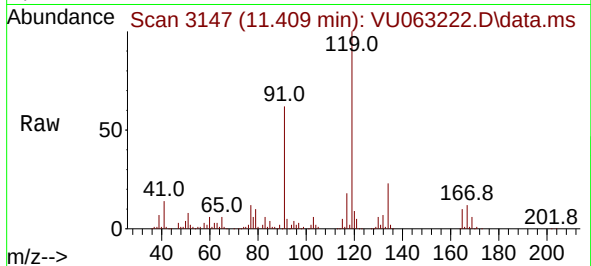




#77
tert-Butylbenzene
Concen: 5.183 ug/l
RT: 11.409 min Scan# 3147
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

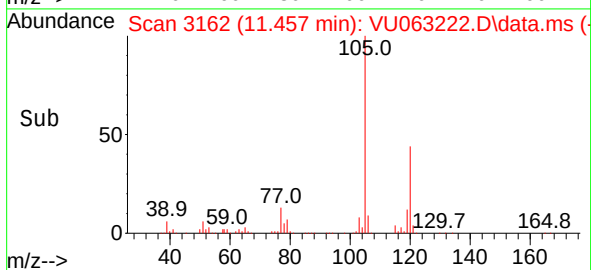
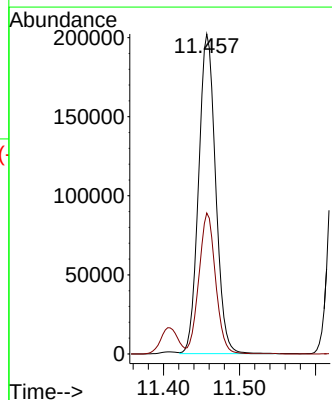
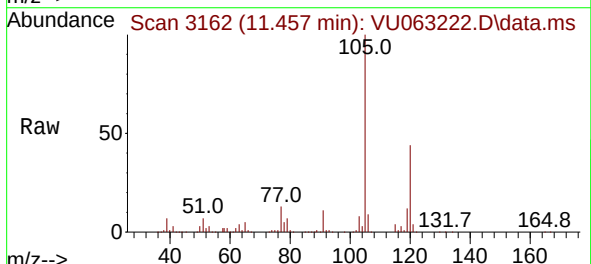
Instrument :
MSVOA_U
ClientSampleId :

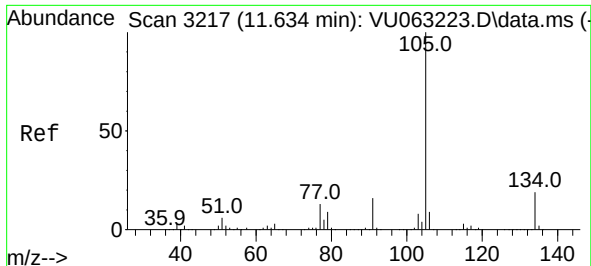
Tgt Ion:119 Resp: 299259
Ion Ratio Lower Upper
119 100
91 59.8 29.4 88.3
134 22.2 17.6 26.4



#78
1,2,4-Trimethylbenzene
Concen: 5.539 ug/l
RT: 11.457 min Scan# 3162
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

Tgt Ion:105 Resp: 313777
Ion Ratio Lower Upper
105 100
120 43.3 21.9 65.7

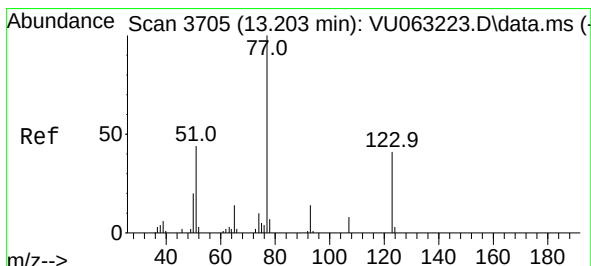
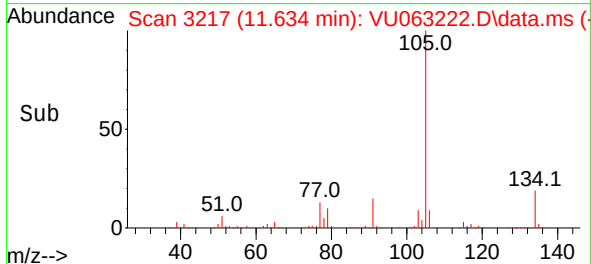
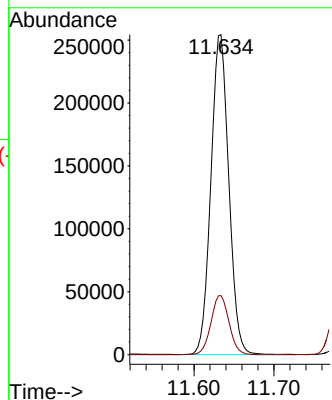
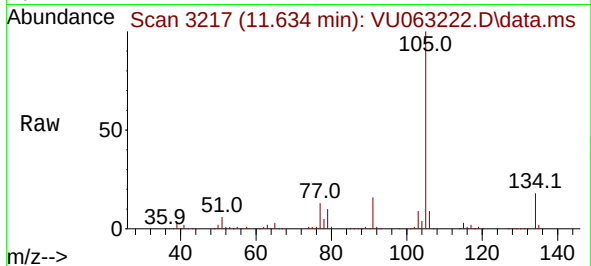




#79
 sec-Butylbenzene
 Concen: 5.362 ug/l
 RT: 11.634 min Scan# 3217
 Delta R.T. 0.000 min
 Lab File: VU063222.D
 Acq: 10 Feb 2025 14:23

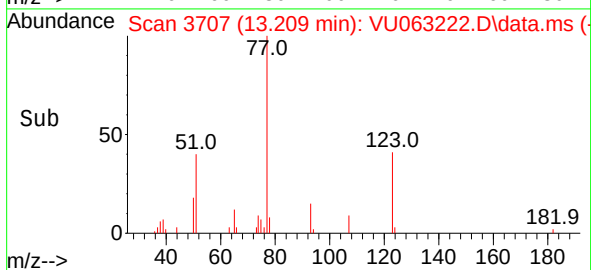
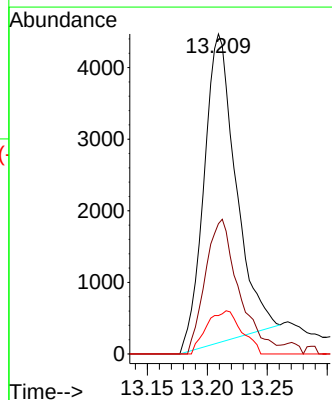
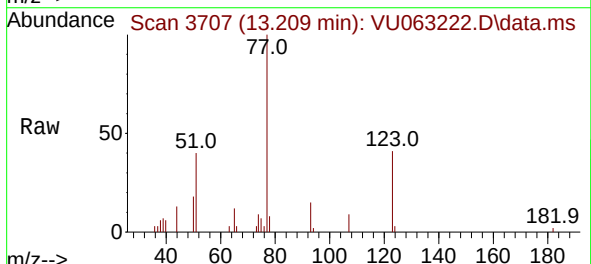
Instrument :
 MSVOA_U
 ClientSampleId :

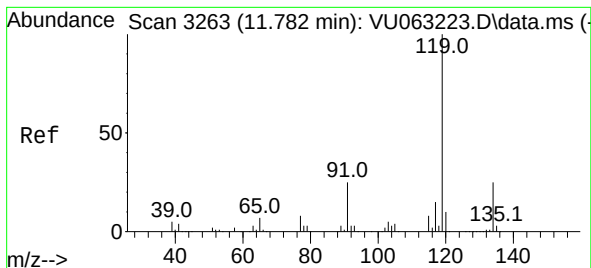
Tgt Ion:105 Resp: 394157
 Ion Ratio Lower Upper
 105 100
 134 18.7 15.1 22.7



#80
 Nitrobenzene
 Concen: 18.908 ug/l
 RT: 13.209 min Scan# 3707
 Delta R.T. 0.006 min
 Lab File: VU063222.D
 Acq: 10 Feb 2025 14:23

Tgt Ion: 77 Resp: 7974
 Ion Ratio Lower Upper
 77 100
 123 42.8 18.9 67.1
 65 15.4 11.9 15.1#





#81

p-Isopropyltoluene

Concen: 5.461 ug/l

RT: 11.782 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU063222.D

Acq: 10 Feb 2025 14:23

Instrument :

MSVOA_U

ClientSampleId :

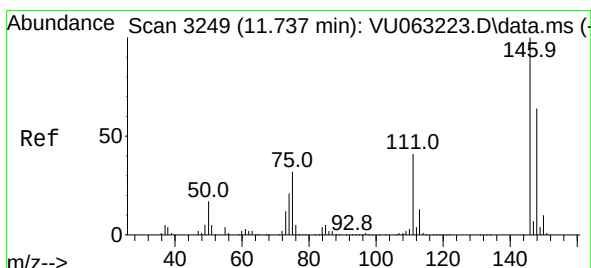
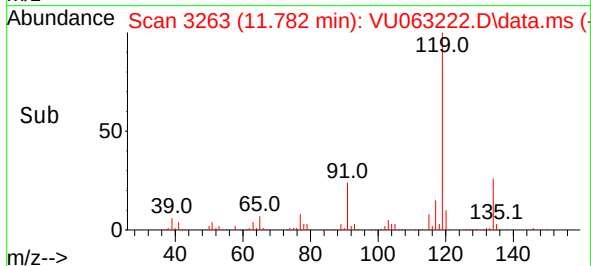
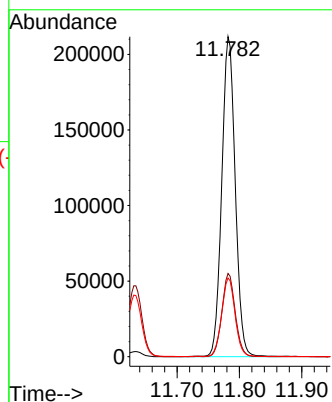
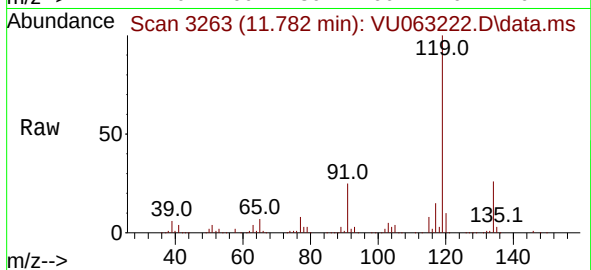
Tgt Ion:119 Resp: 316807

Ion Ratio Lower Upper

119 100

134 25.7 20.3 30.5

91 24.2 19.4 29.2



#82

1,3-Dichlorobenzene

Concen: 5.096 ug/l

RT: 11.737 min Scan# 3249

Delta R.T. 0.000 min

Lab File: VU063222.D

Acq: 10 Feb 2025 14:23

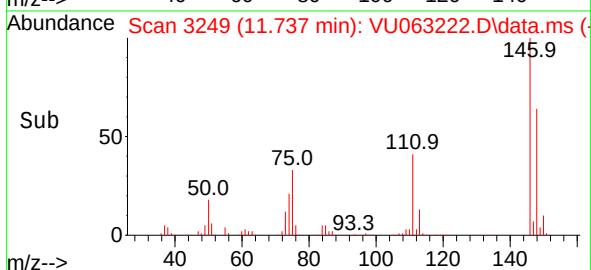
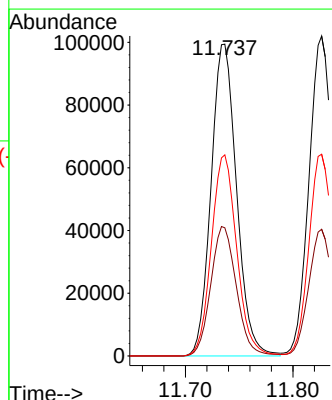
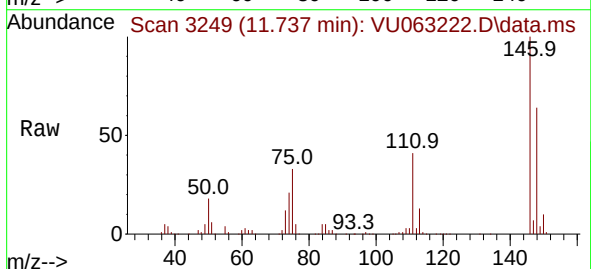
Tgt Ion:146 Resp: 164073

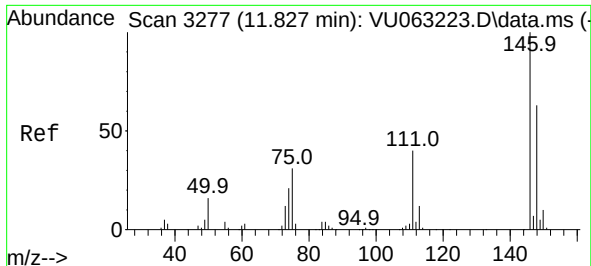
Ion Ratio Lower Upper

146 100

111 41.7 32.8 49.2

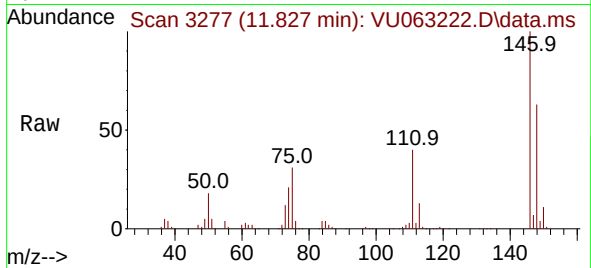
148 64.2 51.1 76.7



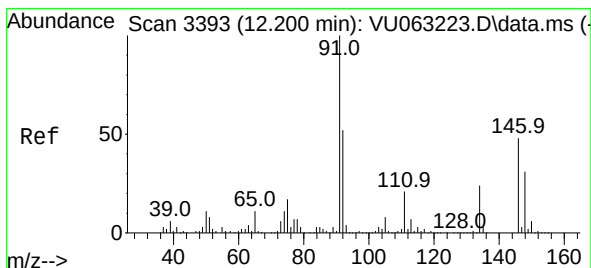
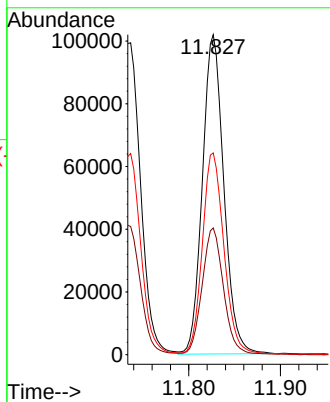
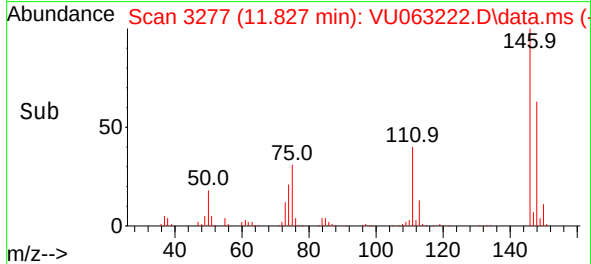


#83
1,4-Dichlorobenzene
Concen: 5.244 ug/l
RT: 11.827 min Scan# 3277
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

Instrument :
MSVOA_U
ClientSampleId :

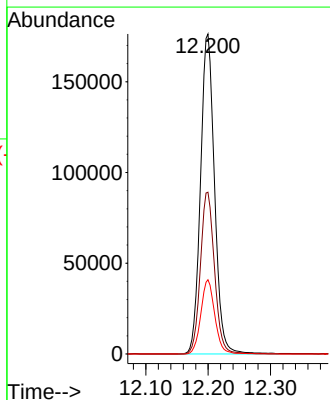
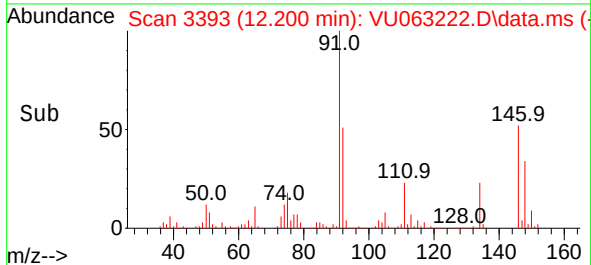
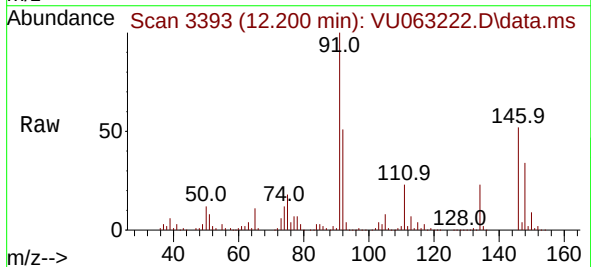


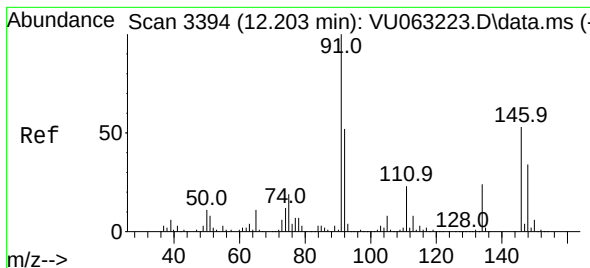
Tgt Ion:146 Resp: 165157
Ion Ratio Lower Upper
146 100
111 39.8 32.1 48.1
148 63.3 50.2 75.4



#84
n-Butylbenzene
Concen: 5.285 ug/l
RT: 12.200 min Scan# 3393
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

Tgt Ion: 91 Resp: 276461
Ion Ratio Lower Upper
91 100
92 50.7 41.8 62.8
134 23.0 18.6 28.0





#85

1,2-Dichlorobenzene

Concen: 5.072 ug/l

RT: 12.203 min Scan# 3394

Delta R.T. 0.000 min

Lab File: VU063222.D

Acq: 10 Feb 2025 14:23

Instrument :

MSVOA_U

ClientSampleId :

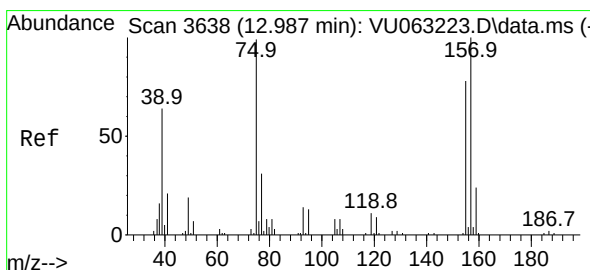
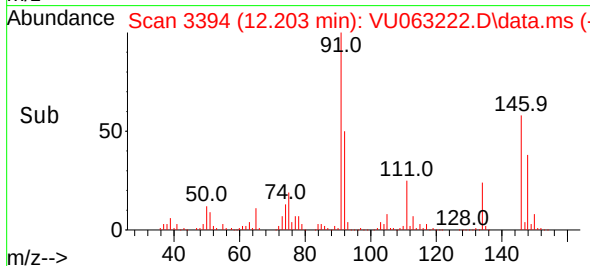
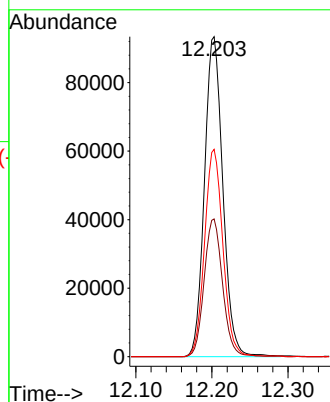
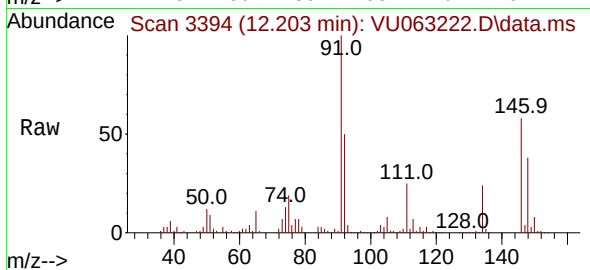
Tgt Ion:146 Resp: 156956

Ion Ratio Lower Upper

146 100

111 43.1 21.9 65.7

148 64.6 32.3 96.9



#86

1,2-Dibromo-3-Chloropropane

Concen: 5.220 ug/l

RT: 12.987 min Scan# 3638

Delta R.T. 0.000 min

Lab File: VU063222.D

Acq: 10 Feb 2025 14:23

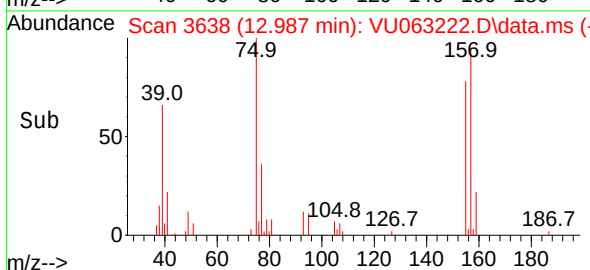
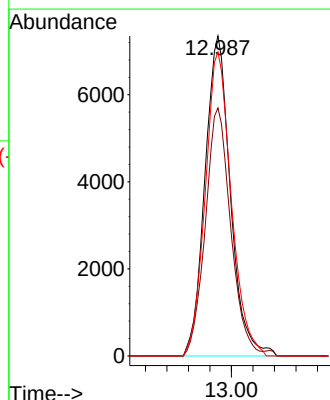
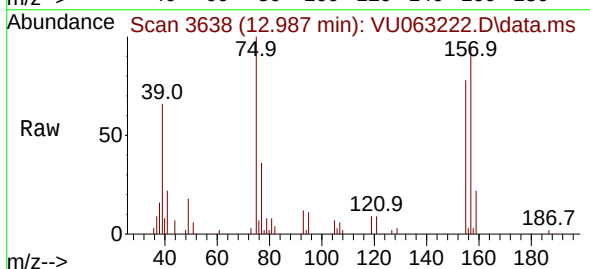
Tgt Ion: 75 Resp: 12084

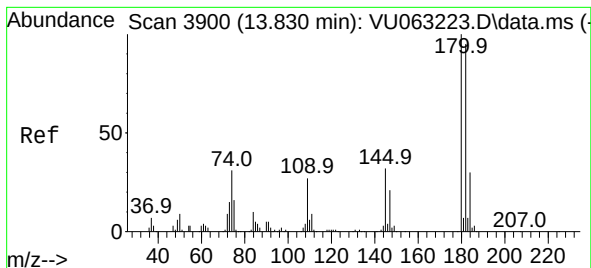
Ion Ratio Lower Upper

75 100

155 77.3 63.5 95.3

157 96.9 81.8 122.6





#87

1,2,4-Trichlorobenzene

Concen: 5.203 ug/l

RT: 13.830 min Scan# 3900

Delta R.T. 0.000 min

Lab File: VU063222.D

Acq: 10 Feb 2025 14:23

Instrument :

MSVOA_U

ClientSampleId :

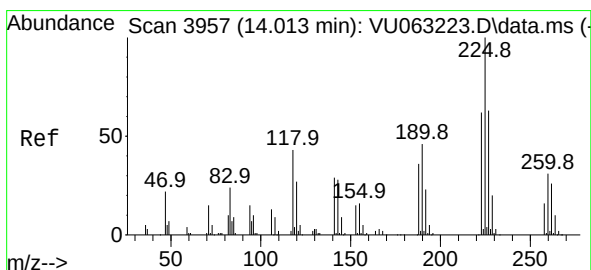
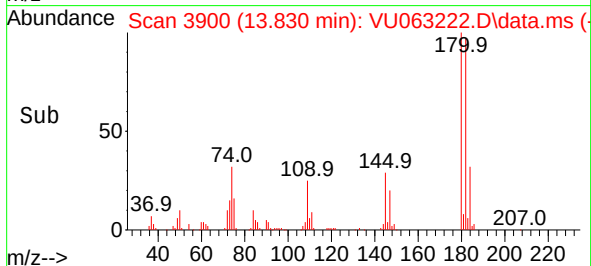
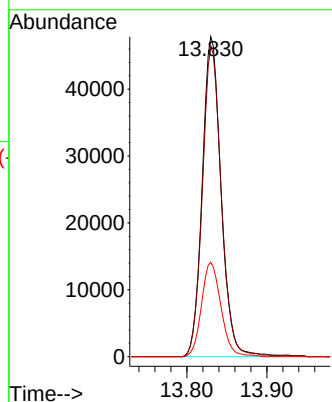
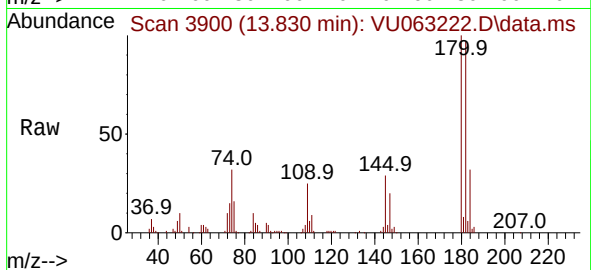
Tgt Ion:180 Resp: 78516

Ion Ratio Lower Upper

180 100

182 97.4 76.6 115.0

145 30.4 25.4 38.2



#88

Hexachlorobutadiene

Concen: 4.939 ug/l

RT: 14.010 min Scan# 3956

Delta R.T. -0.003 min

Lab File: VU063222.D

Acq: 10 Feb 2025 14:23

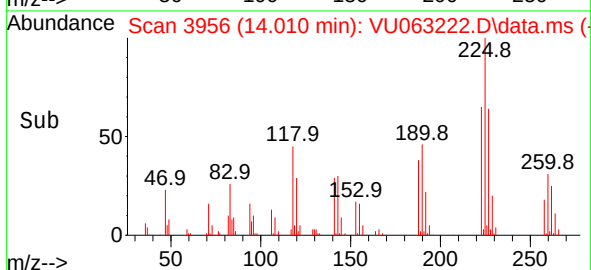
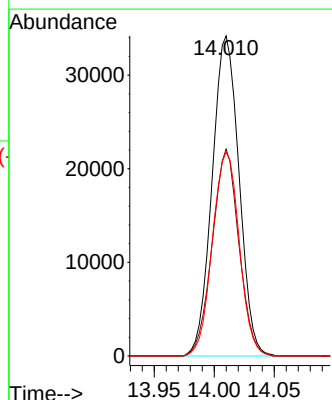
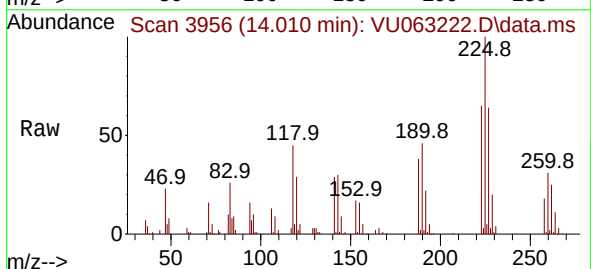
Tgt Ion:225 Resp: 53269

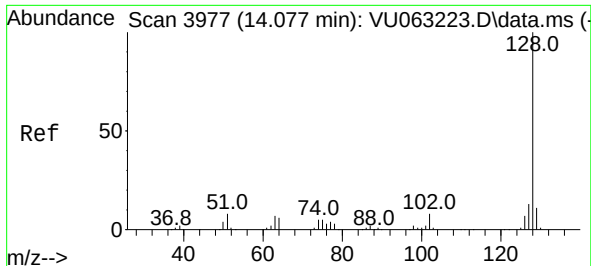
Ion Ratio Lower Upper

225 100

223 63.8 49.5 74.3

227 63.6 51.0 76.4





#89

Naphthalene

Concen: 4.286 ug/l

RT: 14.081 min Scan# 3977

Delta R.T. 0.003 min

Lab File: VU063222.D

Acq: 10 Feb 2025 14:23

Instrument :

MSVOA_U

ClientSampleId :

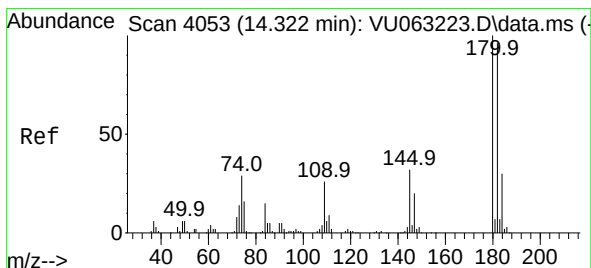
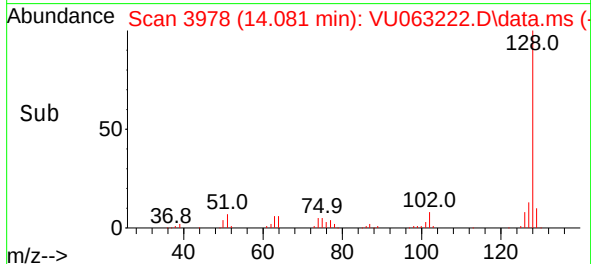
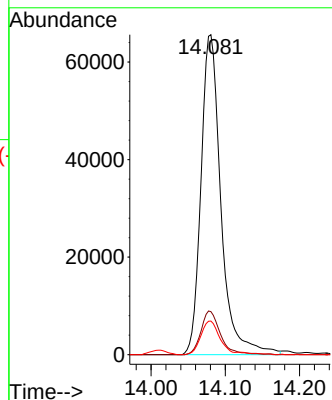
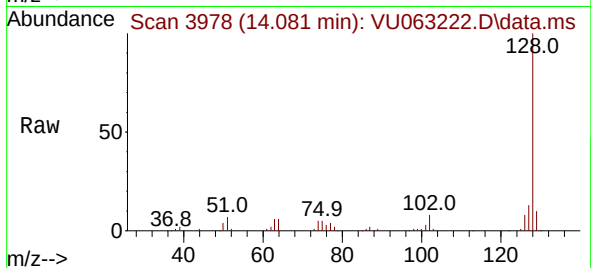
Tgt Ion:128 Resp: 122840

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

129 9.8 8.6 13.0



#90

1,2,3-Trichlorobenzene

Concen: 5.189 ug/l

RT: 14.319 min Scan# 4052

Delta R.T. -0.003 min

Lab File: VU063222.D

Acq: 10 Feb 2025 14:23

Tgt Ion:180 Resp: 76620

Ion Ratio Lower Upper

180 100

182 95.8 78.2 117.2

145 33.2 26.1 39.1

