

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021225\
 Data File : VU063249.D
 Acq On : 12 Feb 2025 10:48
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 13 03:06:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021025DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 11 08:42:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.107	96	54296	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.624	95	23785	1.328	ug/l	0.00
Spiked Amount 1.000			Recovery	=	133.000%	
68) 1,2-Dichlorobenzene-d4	12.184	152	18535	0.995	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	171269	9.709	ug/l	97
3) Chloromethane	1.515	50	190441	9.374	ug/l	99
4) Vinyl Chloride	1.596	62	196947	9.798	ug/l	99
5) Bromomethane	1.843	94	109059	11.104	ug/l	100
6) Chloroethane	1.920	64	118841	9.387	ug/l	100
7) Trichlorofluoromethane	2.129	101	237258	9.961	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	139748	10.336	ug/l	99
9) 1,1-Dichloroethene	2.570	96	141173	10.249	ug/l	97
10) Iodomethane	2.708	142	226361	10.453	ug/l	100
11) Allyl Chloride	2.911	41	197730	9.992	ug/l	98
12) Acrylonitrile	3.306	53	65351	20.569	ug/l	99
13) Acetone	2.618	43	109824	44.953	ug/l	99
14) Carbon Disulfide	2.782	76	469449	9.747	ug/l	100
15) Methylene Chloride	3.033	84	166812	9.802	ug/l	97
16) trans-1,2-Dichloroethene	3.338	96	160953	10.238	ug/l	99
17) 1,1-Dichloroethane	3.853	63	299422	10.104	ug/l	99
18) 2-Butanone	4.689	43	189558	48.752	ug/l	98
19) Cyclohexane	5.374	56	226672	9.519	ug/l	87
20) Methylcyclohexane	6.753	83	268292	11.362	ug/l	98
21) 2,2-Dichloropropane	4.647	77	237576	10.276	ug/l	100
22) cis-1,2-Dichloroethene	4.653	96	174819	10.291	ug/l	99
23) Diethyl Ether	2.367	59	114120	9.655	ug/l	98
24) tert-Butyl Alcohol	3.174	59	102081	83.500	ug/l	99
25) Methyl tert-Butyl Ether	3.348	73	354554	10.306	ug/l	99
26) Bromochloromethane	4.959	128	74753	10.068	ug/l	99
27) Chloroform	5.071	83	300401	10.045	ug/l	100
28) 1,1,1-Trichloroethane	5.303	97	246535	10.177	ug/l	100
29) 1,1-Dichloropropene	5.512	75	232266	10.705	ug/l	99
30) Carbon Tetrachloride	5.512	117	213796	10.291	ug/l	98
31) Isopropyl Ether	3.975	45	439672	10.392	ug/l	99
32) Ethyl-t-butyl ether	4.486	59	404830	10.522	ug/l	99
33) Tert-Amyl methyl ether	5.927	73	364333	10.838	ug/l	100
34) Propionitrile	4.759	54	60683	51.745	ug/l	# 98
35) Benzene	5.759	78	686051	10.283	ug/l	100
36) 1,2-Dichloroethane	5.779	62	191321	9.936	ug/l	99
37) Trichloroethene	6.531	130	162142	10.219	ug/l	95
38) 1,2-Dichloropropane	6.779	63	179409	10.274	ug/l	98
39) Methacrylonitrile	4.959	41	47930	10.967	ug/l	94
40) Methyl acrylate	4.837	55	83334	10.346	ug/l	# 98
41) Tetrahydrofuran	5.039	42	51395	20.220	ug/l	96
42) 1-Chlorobutane	5.444	56	309896	10.439	ug/l	100
43) Dibromomethane	6.907	93	88575	10.017	ug/l	98
44) Bromodichloromethane	7.094	83	212526	10.327	ug/l	100

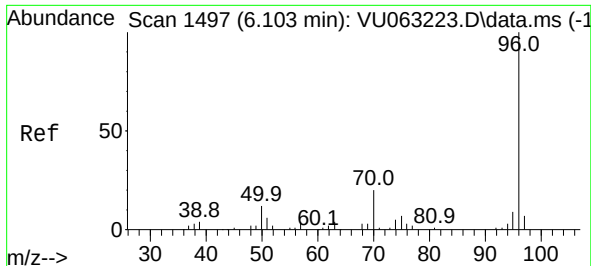
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021225\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.779	43	488624	52.711	ug/l	99
46) t-1,4-Dichloro-2-butene	10.814	75	198796	45.619	ug/l #	54
47) Methyl methacrylate	6.949	69	164430	22.078	ug/l	99
48) Ethyl methacrylate	8.322	69	160597	11.484	ug/l	99
49) Toluene	7.959	92	419404	10.932	ug/l	99
50) t-1,3-Dichloropropene	8.200	75	203081	10.778	ug/l	99
51) cis-1,3-Dichloropropene	7.595	75	243151	10.447	ug/l	98
52) 1,1,2-Trichloroethane	8.386	97	125016	10.486	ug/l	97
53) 1,3-Dichloropropane	8.563	76	217877	10.294	ug/l	99
54) 2-Hexanone	8.672	43	333762	52.760	ug/l	98
55) Dibromochloromethane	8.798	129	142483	10.388	ug/l	99
56) 1,2-Dibromoethane	8.914	107	114002	10.196	ug/l	98
58) Tetrachloroethene	8.544	164	141699	10.837	ug/l	99
59) Chlorobenzene	9.438	112	424889	10.494	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.521	131	152380	10.471	ug/l	98
61) Pentachloroethane	11.415	117	128136	9.856	ug/l	98
62) Hexachloroethane	12.463	117	120228	10.453	ug/l	98
63) Ethyl Benzene	9.560	91	782784	11.211	ug/l	100
64) m/p-Xylenes	9.682	106	600186	23.011	ug/l	99
65) o-Xylene	10.090	106	285666	11.188	ug/l	98
66) Styrene	10.103	104	473092	11.643	ug/l	100
67) Bromoform	10.280	173	81654	10.490	ug/l	100
69) Isopropylbenzene	10.473	105	681530	11.354	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.769	83	159278	9.913	ug/l	100
71) 1,2,3-Trichloropropane	10.814	75	198796	16.468	ug/l #	72
72) Bromobenzene	10.772	156	173177	10.707	ug/l	99
73) n-propylbenzene	10.894	120	203622	11.848	ug/l	99
74) 2-Chlorotoluene	10.975	126	176492	11.143	ug/l	99
75) 1,3,5-Trimethylbenzene	11.078	105	641052	11.526	ug/l	100
76) 4-Chlorotoluene	11.087	126	184692	11.371	ug/l	96
77) tert-Butylbenzene	11.409	119	619981	11.021	ug/l	100
78) 1,2,4-Trimethylbenzene	11.457	105	641240	11.619	ug/l	100
79) sec-Butylbenzene	11.634	105	825347	11.524	ug/l	100
80) Nitrobenzene	13.203	77	17351	37.493	ug/l	99
81) p-Isopropyltoluene	11.782	119	668338	11.824	ug/l	100
82) 1,3-Dichlorobenzene	11.737	146	335328	10.689	ug/l	100
83) 1,4-Dichlorobenzene	11.827	146	335268	10.926	ug/l	99
84) n-Butylbenzene	12.200	91	601201	11.862	ug/l	99
85) 1,2-Dichlorobenzene	12.203	146	316850	10.510	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.984	75	23790	10.548	ug/l	99
87) 1,2,4-Trichlorobenzene	13.830	180	178545	12.143	ug/l	99
88) Hexachlorobutadiene	14.010	225	116891	11.124	ug/l	99
89) Naphthalene	14.077	128	273523	8.979	ug/l	100
90) 1,2,3-Trichlorobenzene	14.319	180	170303	11.837	ug/l	99

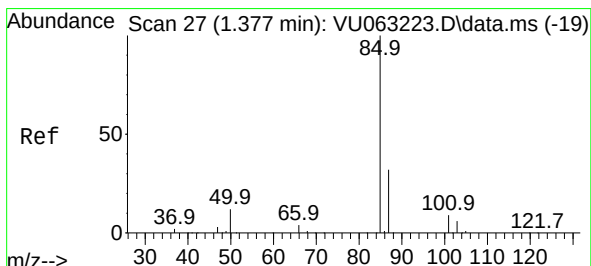
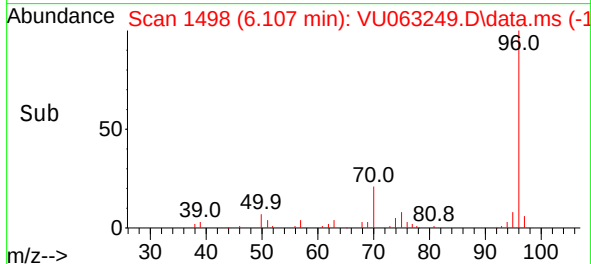
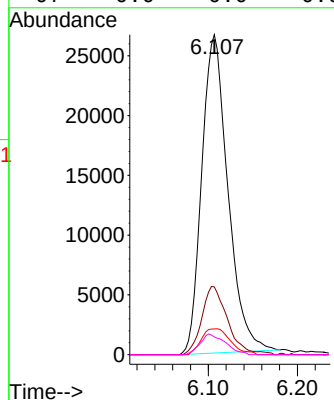
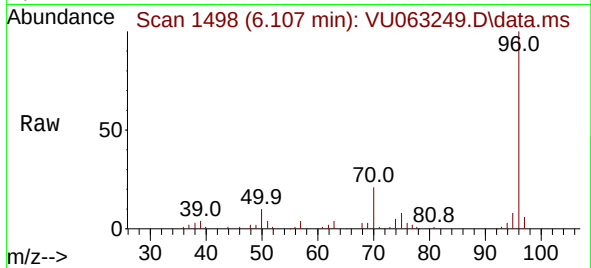
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.107 min Scan# 14
Delta R.T. 0.004 min
Lab File: VU063249.D
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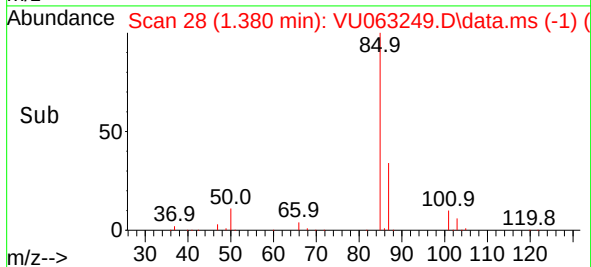
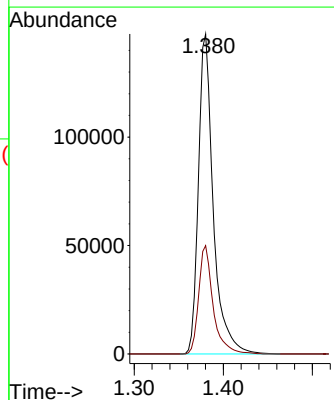
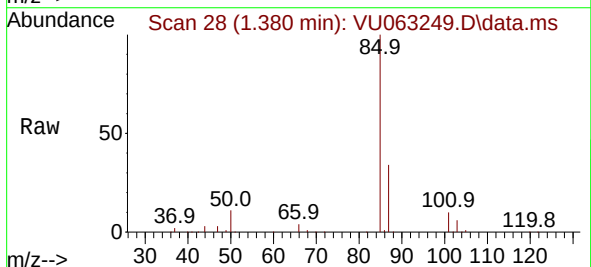
Instrument :
MSVOA_U
ClientSampleId :

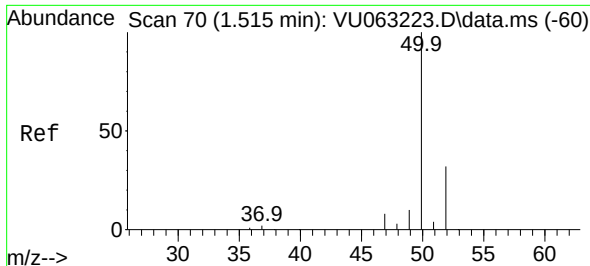
Tgt Ion: 96	Resp: 54296
Ion Ratio	Lower Upper
96 100	
70 21.1	15.6 23.4
95 9.1	7.3 10.9
97 0.0	0.0 0.0



#2
Dichlorodifluoromethane
Concen: 9.709 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.003 min
Lab File: VU063249.D
Acq: 12 Feb 2025 10:48

Tgt Ion: 85	Resp: 171269
Ion Ratio	Lower Upper
85 100	
87 33.8	16.0 48.0

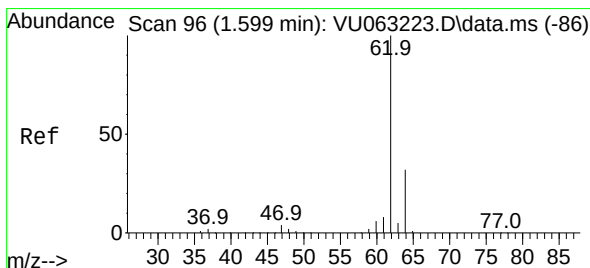
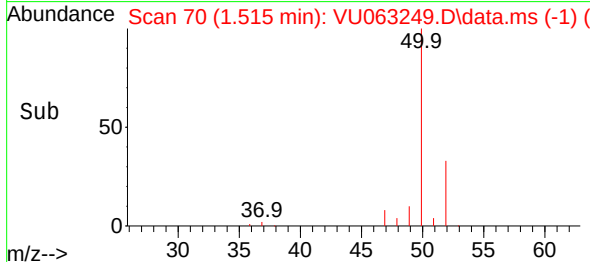
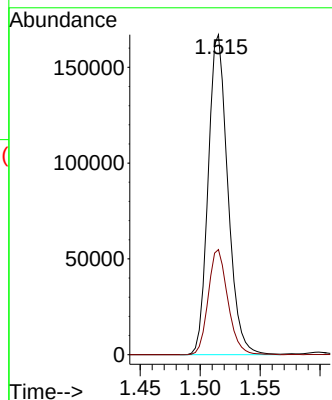
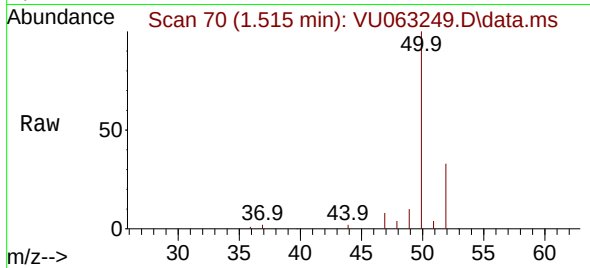




#3
Chloromethane
Concen: 9.374 ug/l
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU063249.D
Acq: 12 Feb 2025 10:48

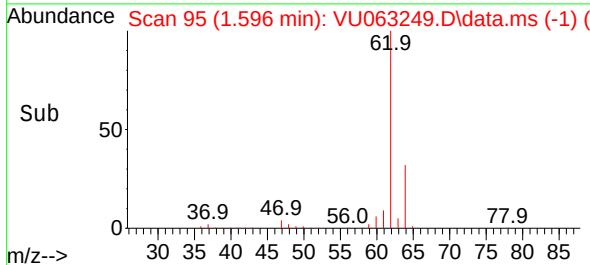
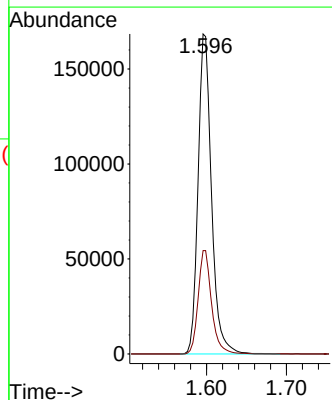
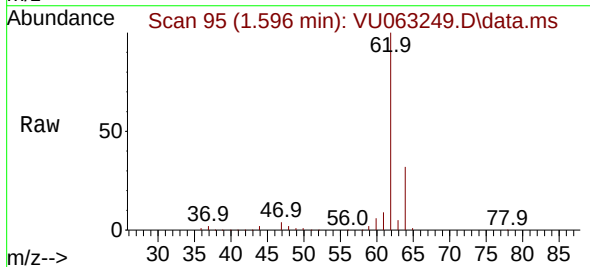
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MSVOA_U
ClientSampleId :

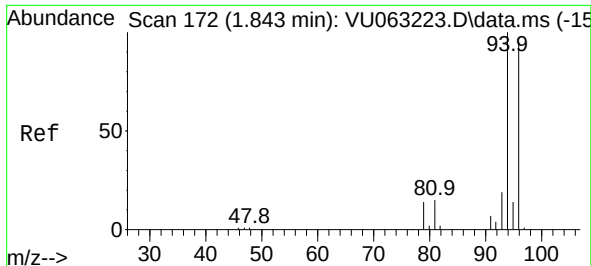
Tgt Ion: 50 Resp: 190441
Ion Ratio Lower Upper
50 100
52 32.9 25.8 38.8



#4
Vinyl Chloride
Concen: 9.798 ug/l
RT: 1.596 min Scan# 95
Delta R.T. -0.003 min
Lab File: VU063249.D
Acq: 12 Feb 2025 10:48

Tgt Ion: 62 Resp: 196947
Ion Ratio Lower Upper
62 100
64 32.3 25.4 38.0

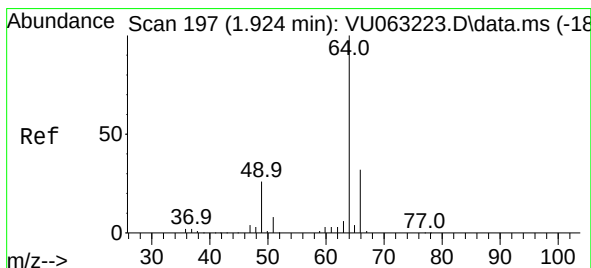
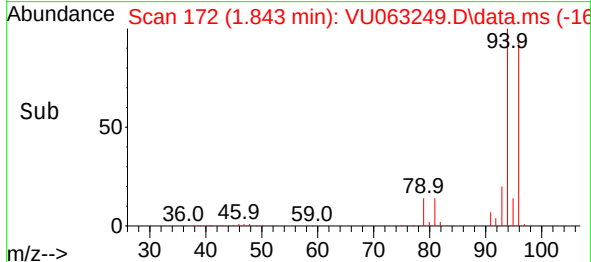
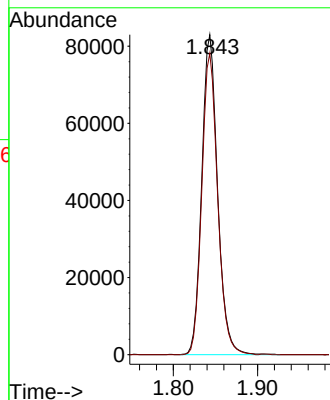
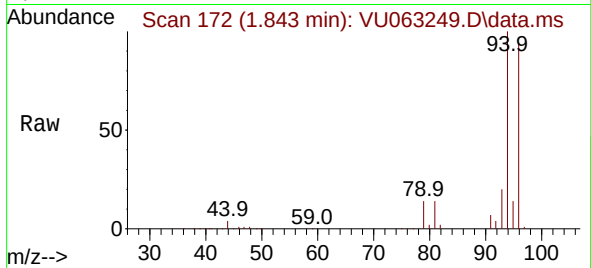




#5
Bromomethane
Concen: 11.104 ug/l
RT: 1.843 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU063249.D
Acq: 12 Feb 2025 10:48

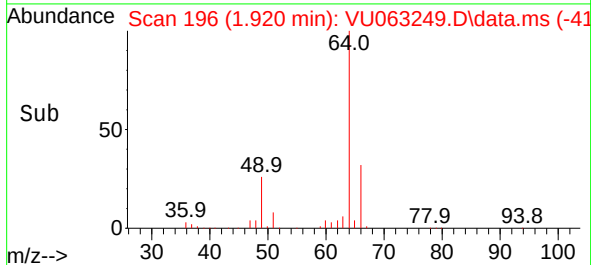
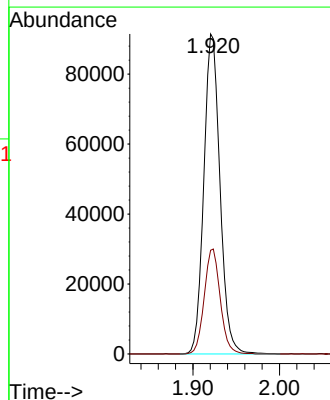
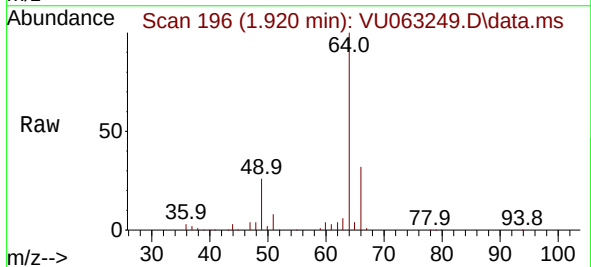
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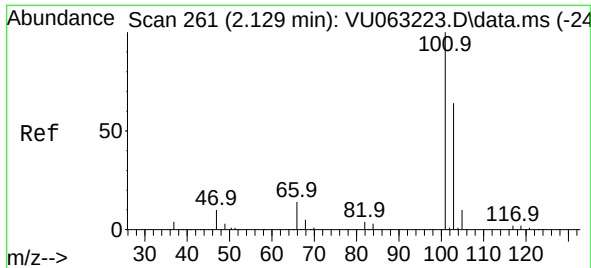
Tgt Ion: 94 Resp: 109059
Ion Ratio Lower Upper
94 100
96 94.2 75.7 113.5



#6
Chloroethane
Concen: 9.387 ug/l
RT: 1.920 min Scan# 196
Delta R.T. -0.003 min
Lab File: VU063249.D
Acq: 12 Feb 2025 10:48

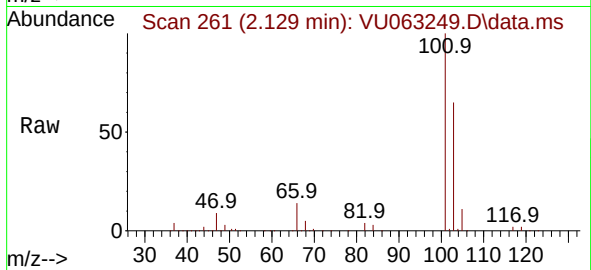
Tgt Ion: 64 Resp: 118841
Ion Ratio Lower Upper
64 100
66 32.4 25.8 38.8



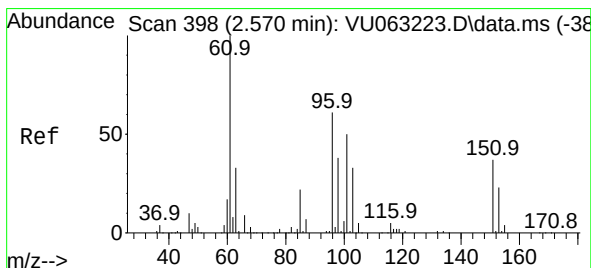
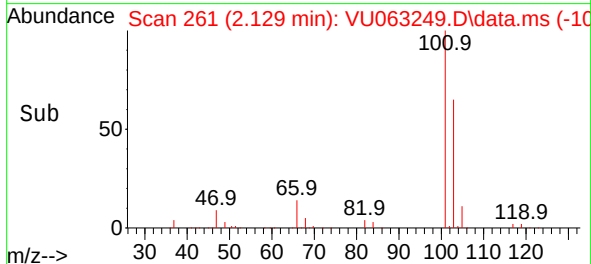
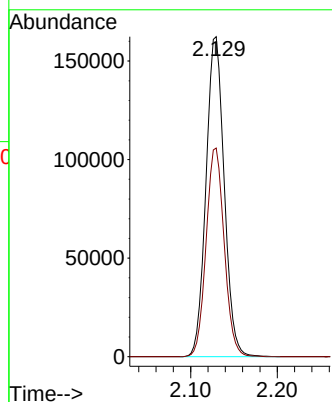


#7
 Trichlorofluoromethane
 Concen: 9.961 ug/l
 RT: 2.129 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VU063249.D
 Acq: 12 Feb 2025 10:48

Instrument :
 MSVOA_U
 ClientSampleId :

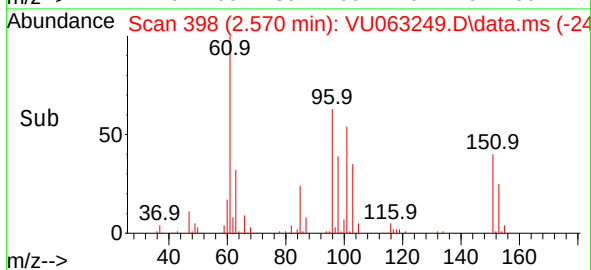
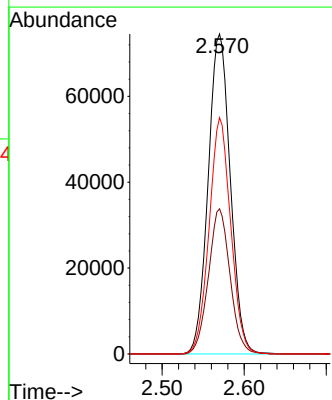
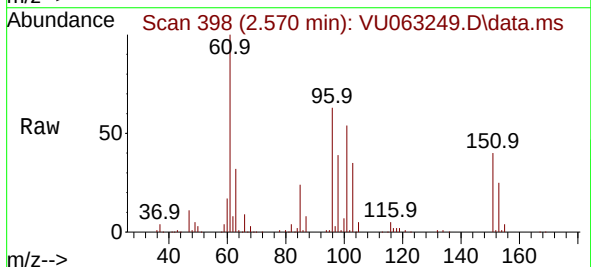


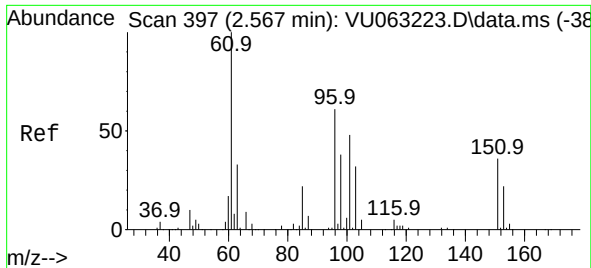
Tgt Ion:101 Resp: 237258
 Ion Ratio Lower Upper
 101 100
 103 65.2 51.4 77.2



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.336 ug/l
 RT: 2.570 min Scan# 398
 Delta R.T. 0.000 min
 Lab File: VU063249.D
 Acq: 12 Feb 2025 10:48

Tgt Ion:101 Resp: 139748
 Ion Ratio Lower Upper
 101 100
 85 44.3 35.4 53.0
 151 72.1 58.5 87.7

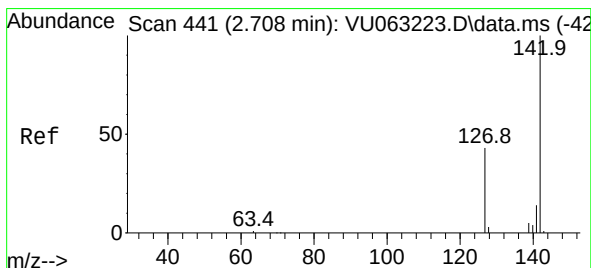
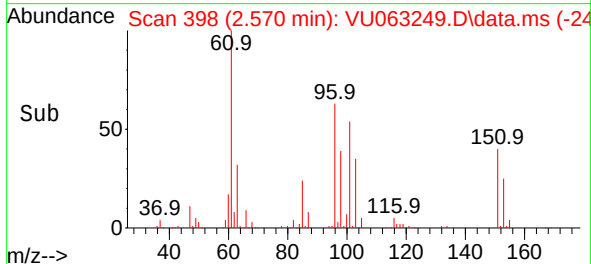
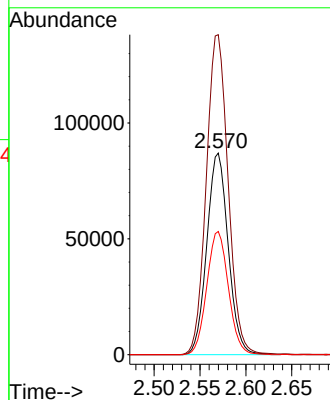
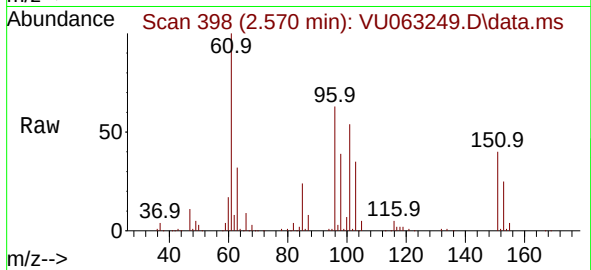




#9
1,1-Dichloroethene
Concen: 10.249 ug/l
RT: 2.570 min Scan# 397
Delta R.T. 0.003 min
Lab File: VU063249.D
Acq: 12 Feb 2025 10:48

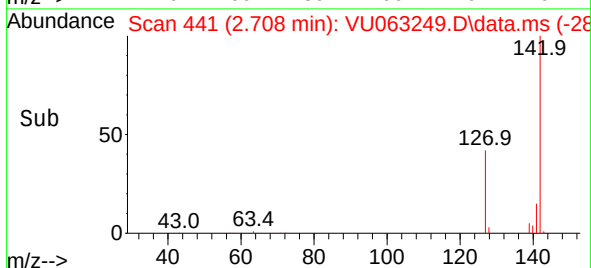
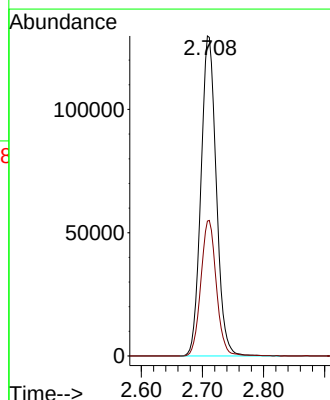
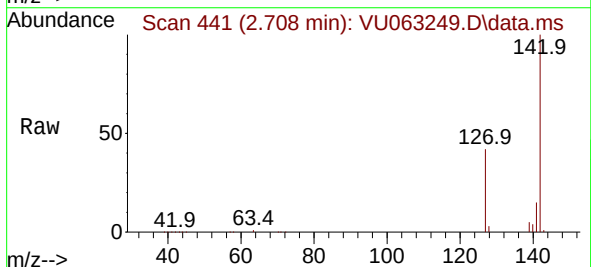
Instrument :
MSVOA_U
ClientSampleId :

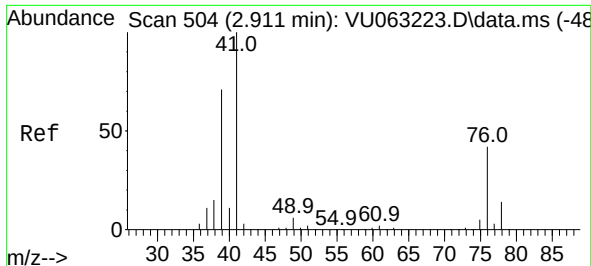
Tgt Ion: 96 Resp: 141173
Ion Ratio Lower Upper
96 100
61 158.7 0.0 492.9
98 61.1 0.0 124.0



#10
Iodomethane
Concen: 10.453 ug/l
RT: 2.708 min Scan# 441
Delta R.T. 0.000 min
Lab File: VU063249.D
Acq: 12 Feb 2025 10:48

Tgt Ion:142 Resp: 226361
Ion Ratio Lower Upper
142 100
127 42.8 34.5 51.7





#11

Allyl Chloride

Concen: 9.992 ug/l

RT: 2.911 min Scan# 504

Delta R.T. 0.000 min

Lab File: VU063249.D

Acq: 12 Feb 2025 10:48

Instrument :

MSVOA_U

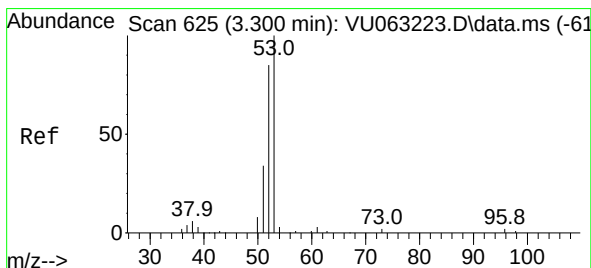
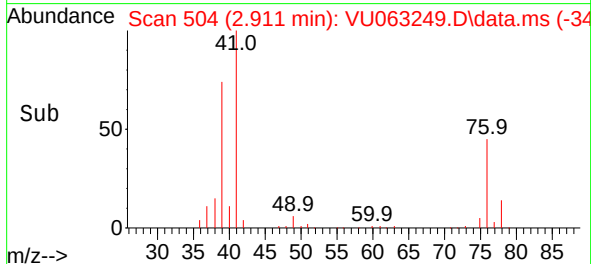
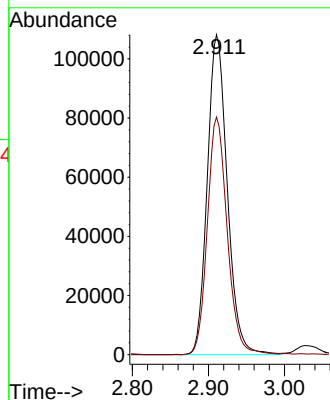
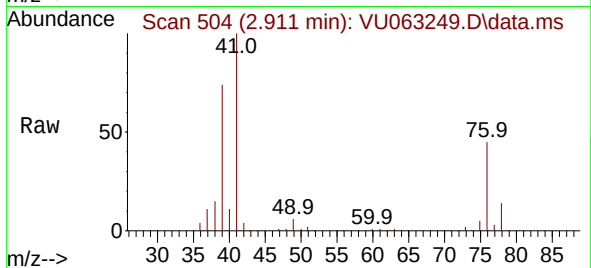
ClientSampleId :

Tgt Ion: 41 Resp: 197730

Ion Ratio Lower Upper

41 100

39 73.7 57.9 86.9



#12

Acrylonitrile

Concen: 20.569 ug/l

RT: 3.306 min Scan# 627

Delta R.T. 0.006 min

Lab File: VU063249.D

Acq: 12 Feb 2025 10:48

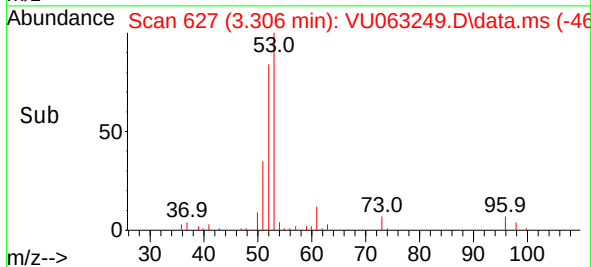
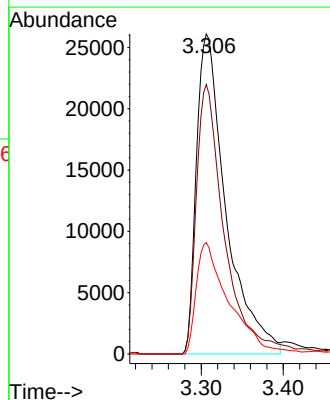
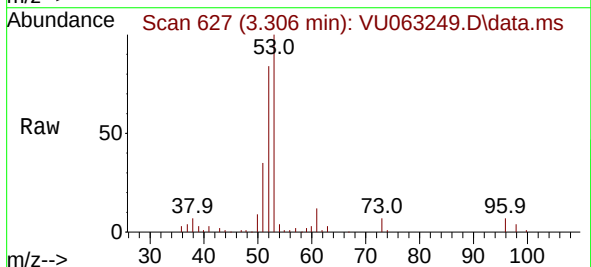
Tgt Ion: 53 Resp: 65351

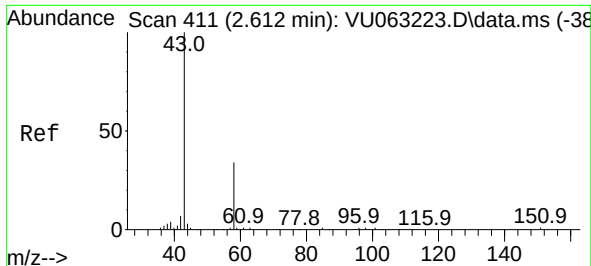
Ion Ratio Lower Upper

53 100

52 79.6 64.2 96.2

51 38.8 30.8 46.2





#13

Acetone

Concen: 44.953 ug/l

RT: 2.618 min Scan# 411

Delta R.T. 0.006 min

Lab File: VU063249.D

Acq: 12 Feb 2025 10:48

Instrument :

MSVOA_U

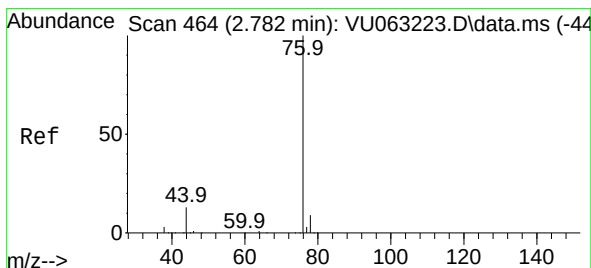
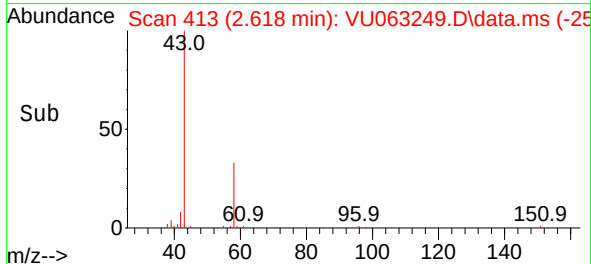
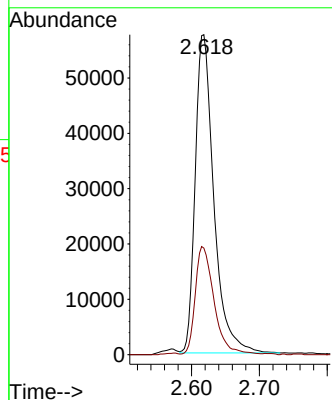
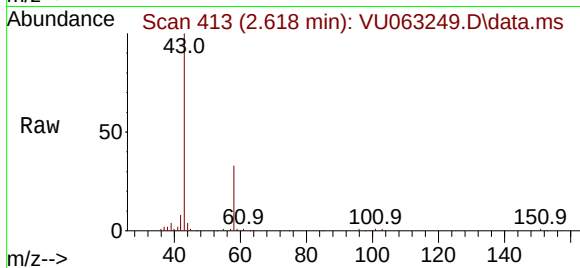
ClientSampleId :

Tgt Ion: 43 Resp: 109824

Ion Ratio Lower Upper

43 100

58 33.5 27.4 41.0



#14

Carbon Disulfide

Concen: 9.747 ug/l

RT: 2.782 min Scan# 464

Delta R.T. 0.000 min

Lab File: VU063249.D

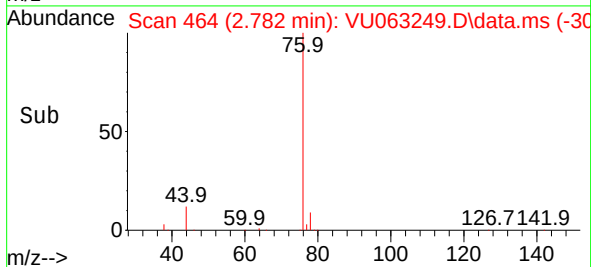
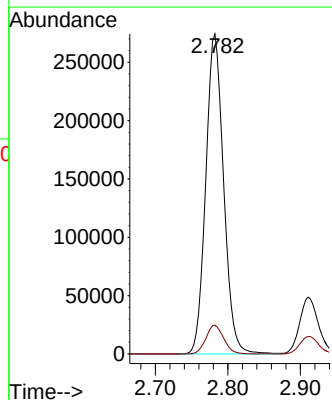
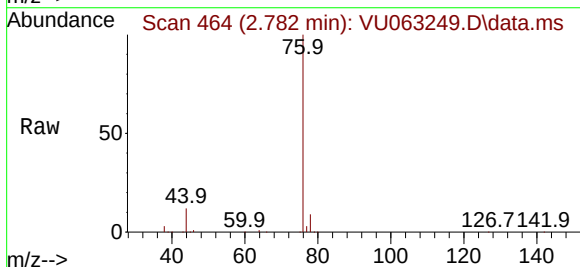
Acq: 12 Feb 2025 10:48

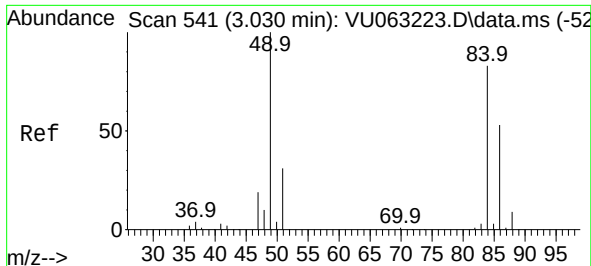
Tgt Ion: 76 Resp: 469449

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8

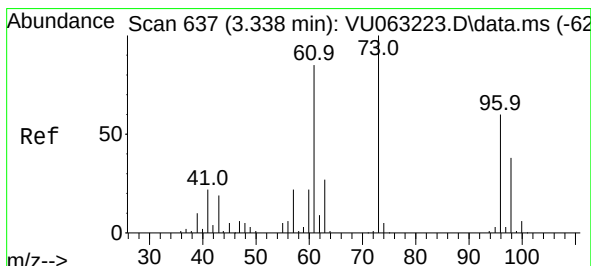
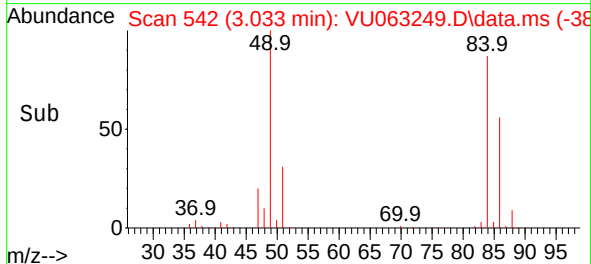
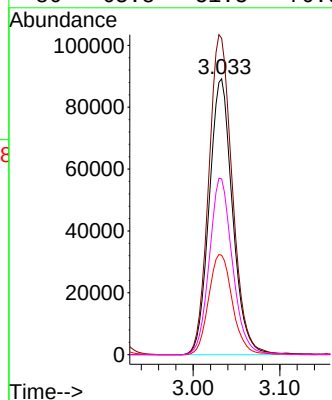
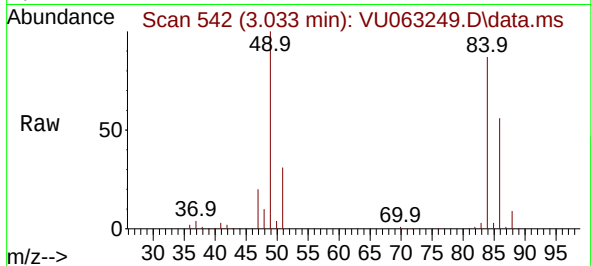




#15
Methylene Chloride
Concen: 9.802 ug/l
RT: 3.033 min Scan# 541
Delta R.T. 0.003 min
Lab File: VU063249.D
Acq: 12 Feb 2025 10:48

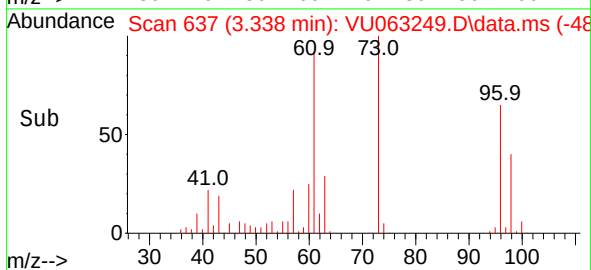
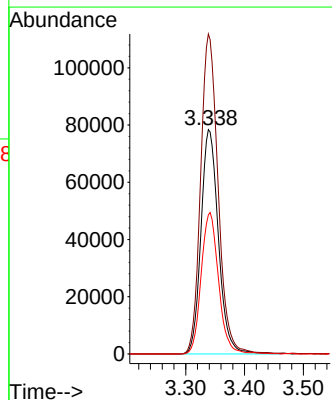
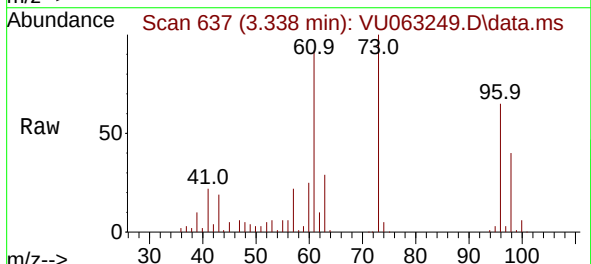
Instrument :
MSVOA_U
ClientSampleId :

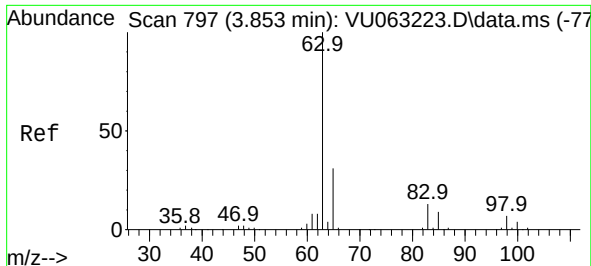
Tgt Ion: 84 Resp: 166812
Ion Ratio Lower Upper
84 100
49 114.7 96.4 144.6
51 36.0 0.0 74.8
86 63.8 51.3 76.9



#16
trans-1,2-Dichloroethene
Concen: 10.238 ug/l
RT: 3.338 min Scan# 637
Delta R.T. 0.000 min
Lab File: VU063249.D
Acq: 12 Feb 2025 10:48

Tgt Ion: 96 Resp: 160953
Ion Ratio Lower Upper
96 100
61 142.6 113.4 170.2
98 62.0 51.2 76.8

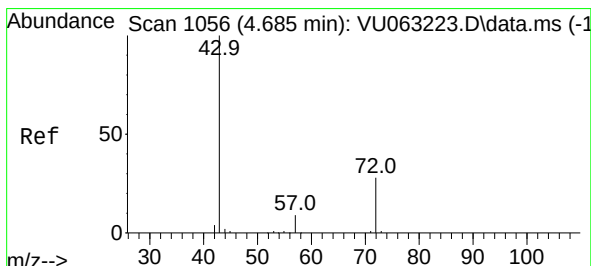
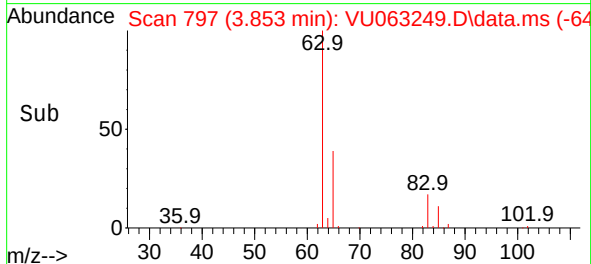
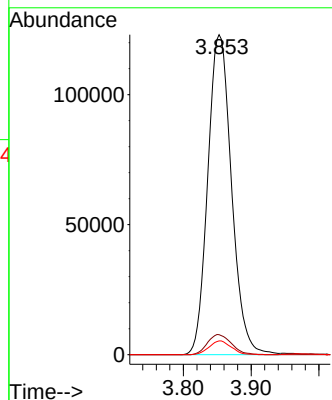
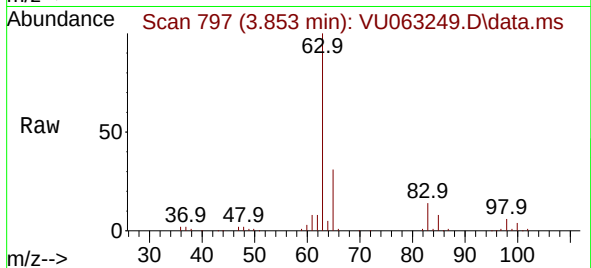




#17
1,1-Dichloroethane
Concen: 10.104 ug/l
RT: 3.853 min Scan# 797
Delta R.T. 0.000 min
Lab File: VU063249.D
Acq: 12 Feb 2025 10:48

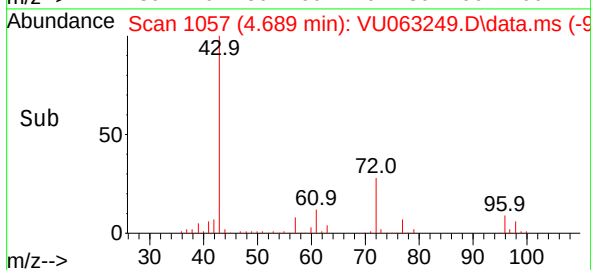
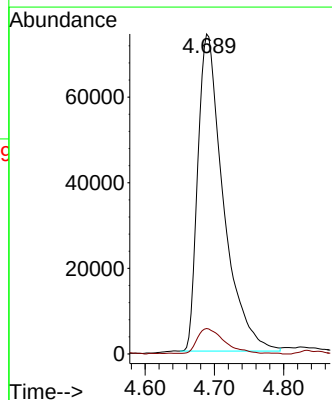
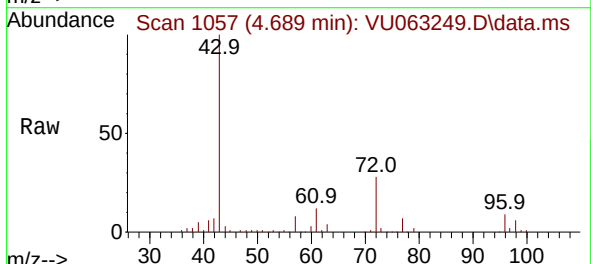
Instrument :
MSVOA_U
ClientSampleId :

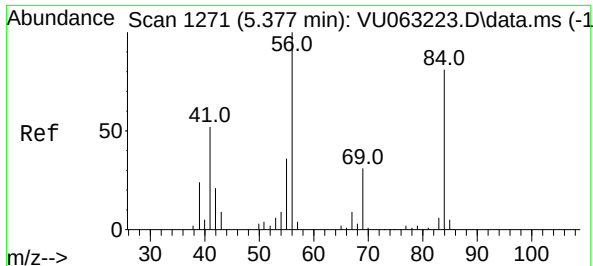
Tgt Ion: 63 Resp: 299422
Ion Ratio Lower Upper
63 100
98 6.3 3.3 9.9
100 4.3 2.1 6.2



#18
2-Butanone
Concen: 48.752 ug/l
RT: 4.689 min Scan# 1057
Delta R.T. 0.003 min
Lab File: VU063249.D
Acq: 12 Feb 2025 10:48

Tgt Ion: 43 Resp: 189558
Ion Ratio Lower Upper
43 100
57 7.8 0.0 17.0





#19

Cyclohexane

Concen: 9.519 ug/l

RT: 5.374 min Scan# 1271

Delta R.T. -0.003 min

Lab File: VU063249.D

Acq: 12 Feb 2025 10:48

Instrument :

MSVOA_U

ClientSampleId :

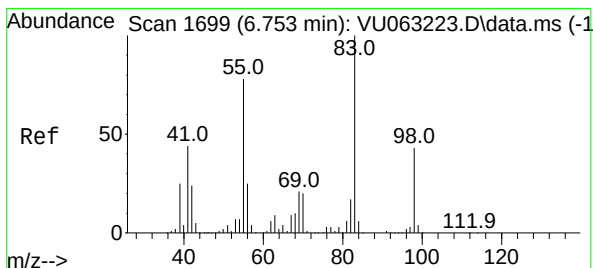
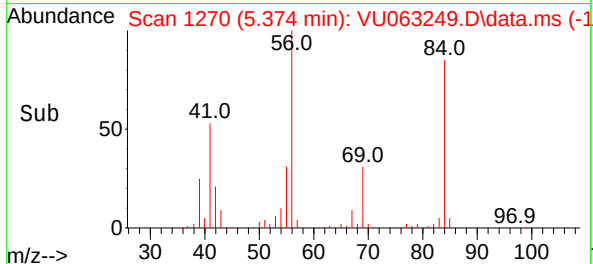
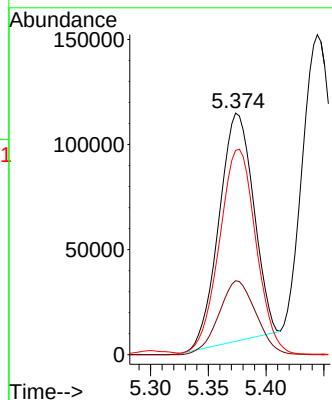
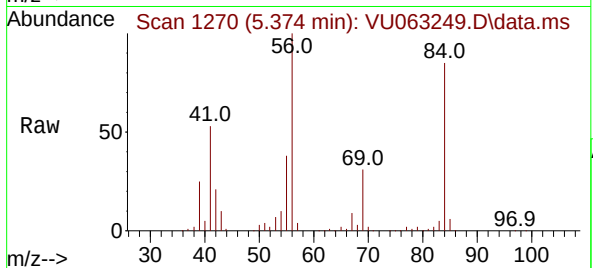
Tgt Ion: 56 Resp: 226672

Ion Ratio Lower Upper

56 100

69 34.8 24.5 36.7

84 94.5 65.2 97.8



#20

Methylcyclohexane

Concen: 11.362 ug/l

RT: 6.753 min Scan# 1699

Delta R.T. 0.000 min

Lab File: VU063249.D

Acq: 12 Feb 2025 10:48

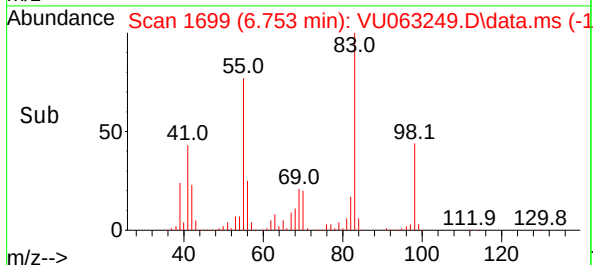
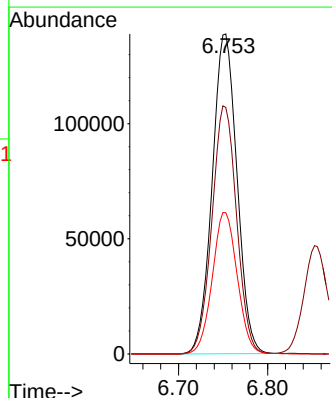
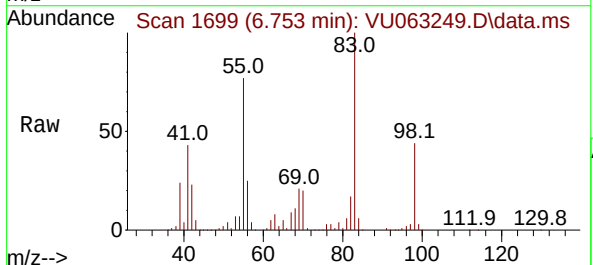
Tgt Ion: 83 Resp: 268292

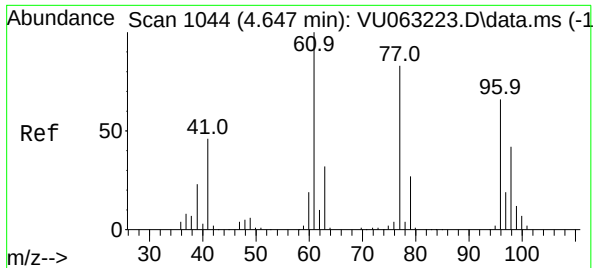
Ion Ratio Lower Upper

83 100

55 77.2 63.1 94.7

98 44.5 35.2 52.8

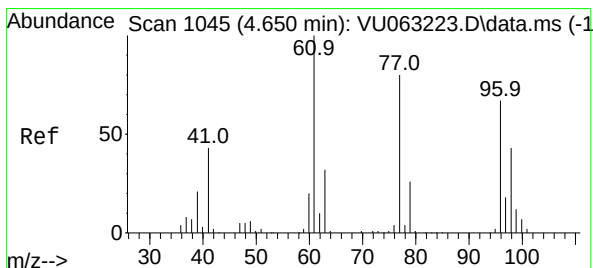
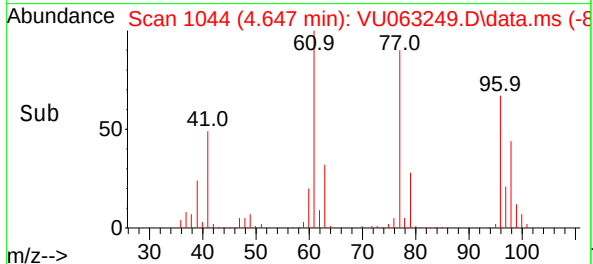
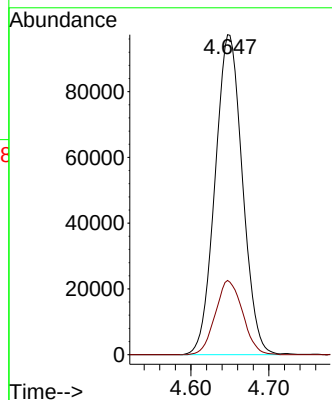
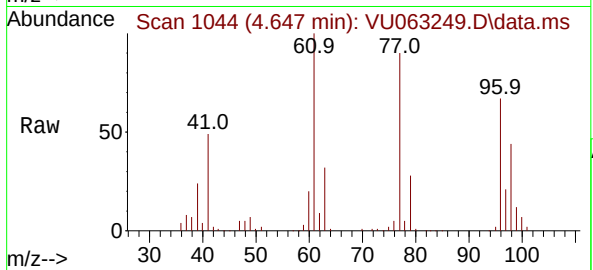




#21
2,2-Dichloropropane
Concen: 10.276 ug/l
RT: 4.647 min Scan# 1044
Delta R.T. 0.000 min
Lab File: VU063249.D
Acq: 12 Feb 2025 10:48

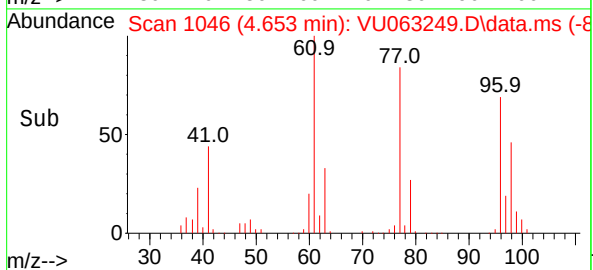
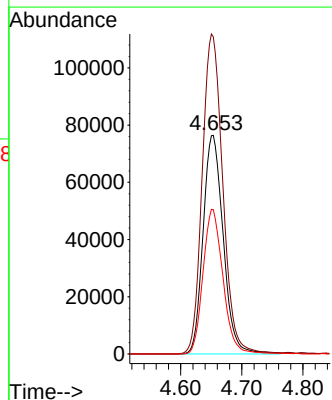
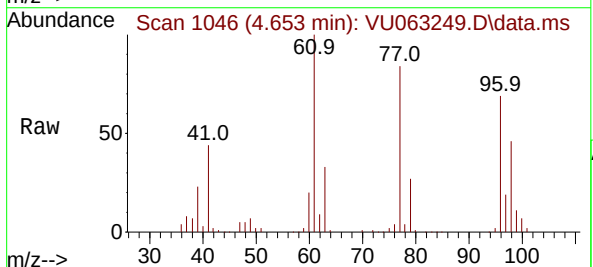
Instrument :
MSVOA_U
ClientSampleId :

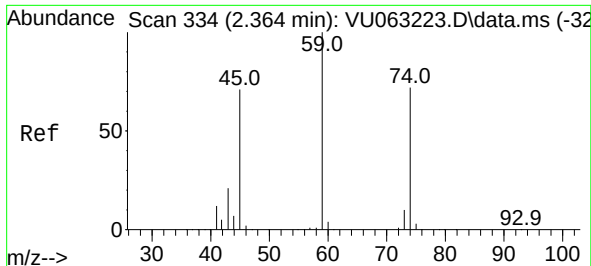
Tgt Ion: 77 Resp: 237576
Ion Ratio Lower Upper
77 100
97 23.1 18.5 27.7



#22
cis-1,2-Dichloroethene
Concen: 10.291 ug/l
RT: 4.653 min Scan# 1046
Delta R.T. 0.003 min
Lab File: VU063249.D
Acq: 12 Feb 2025 10:48

Tgt Ion: 96 Resp: 174819
Ion Ratio Lower Upper
96 100
61 149.6 0.0 373.3
98 65.4 31.9 95.9

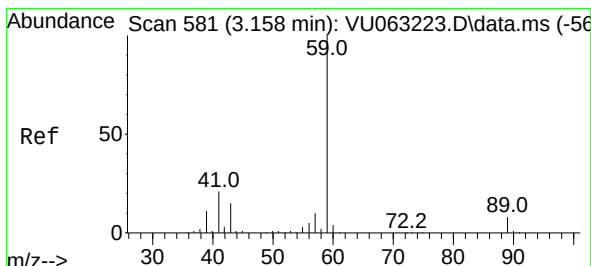
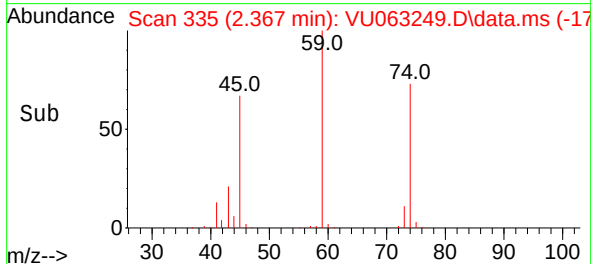
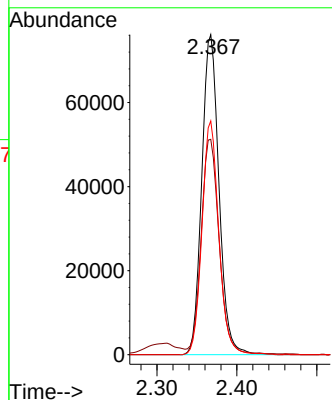
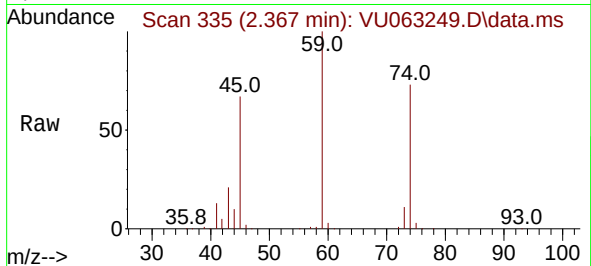




#23
Diethyl Ether
Concen: 9.655 ug/l
RT: 2.367 min Scan# 334
Delta R.T. 0.003 min
Lab File: VU063249.D
Acq: 12 Feb 2025 10:48

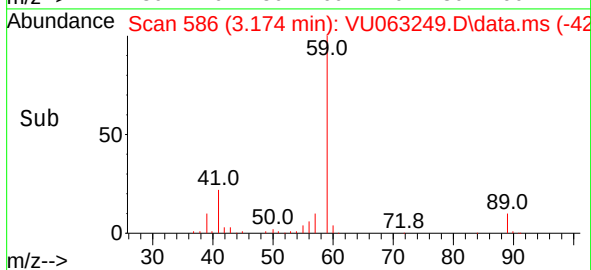
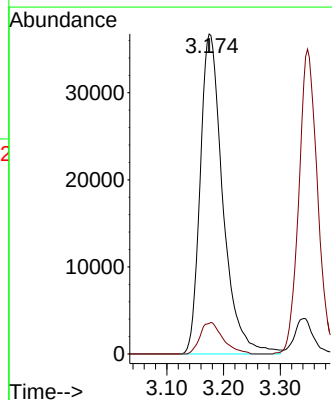
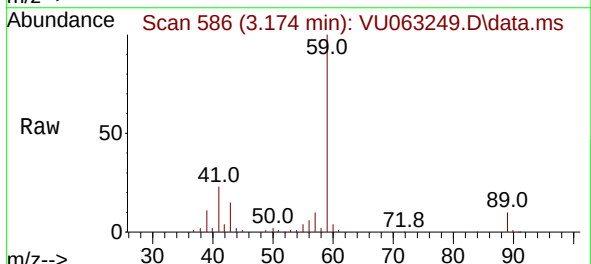
Instrument :
MSVOA_U
ClientSampleId :

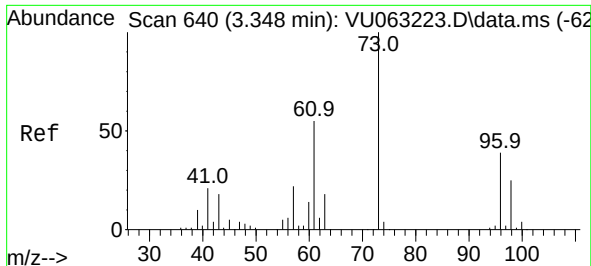
Tgt Ion: 59 Resp: 114120
Ion Ratio Lower Upper
59 100
45 69.1 57.8 86.6
74 71.6 57.7 86.5



#24
tert-Butyl Alcohol
Concen: 83.500 ug/l
RT: 3.174 min Scan# 586
Delta R.T. 0.016 min
Lab File: VU063249.D
Acq: 12 Feb 2025 10:48

Tgt Ion: 59 Resp: 102081
Ion Ratio Lower Upper
59 100
57 9.9 7.5 11.3





#25

Methyl tert-Butyl Ether

Concen: 10.306 ug/l

RT: 3.348 min Scan# 640

Delta R.T. 0.000 min

Lab File: VU063249.D

Acq: 12 Feb 2025 10:48

Instrument :

MSVOA_U

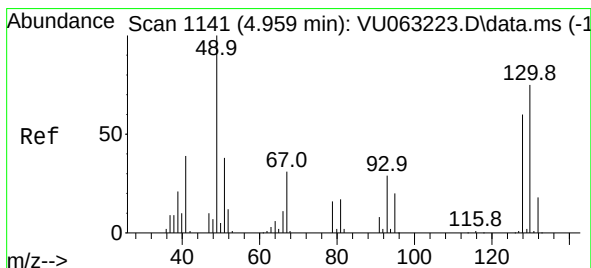
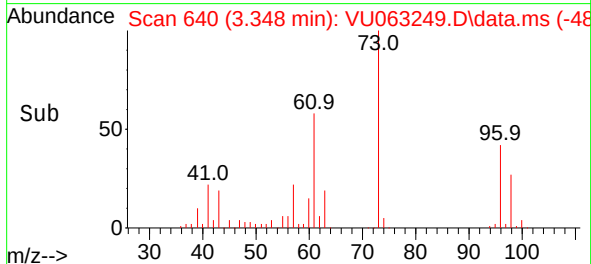
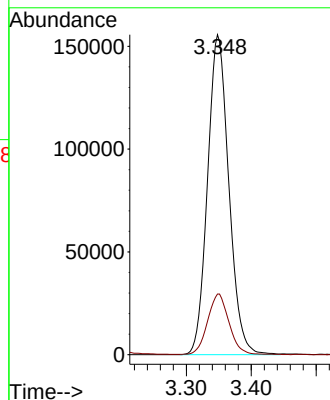
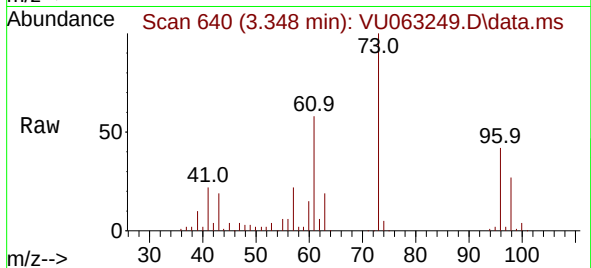
ClientSampleId :

Tgt Ion: 73 Resp: 354554

Ion Ratio Lower Upper

73 100

43 18.8 14.9 22.3



#26

Bromochloromethane

Concen: 10.068 ug/l

RT: 4.959 min Scan# 1141

Delta R.T. 0.000 min

Lab File: VU063249.D

Acq: 12 Feb 2025 10:48

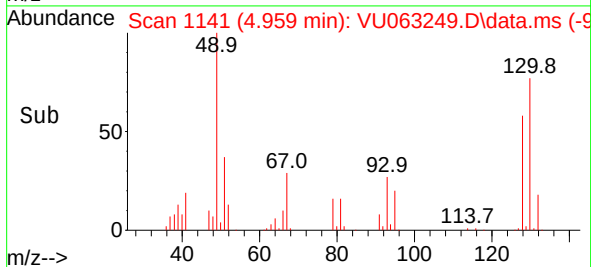
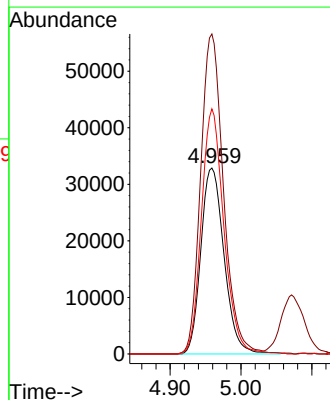
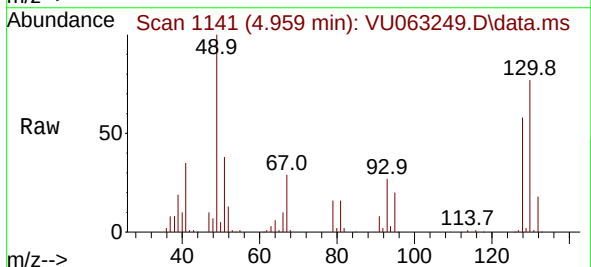
Tgt Ion: 128 Resp: 74753

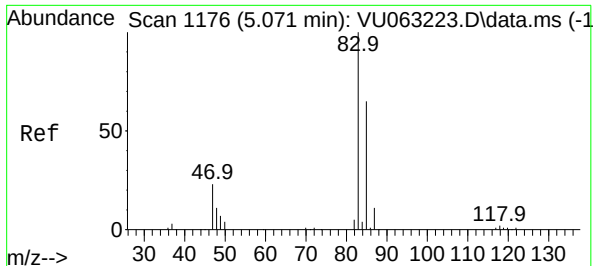
Ion Ratio Lower Upper

128 100

49 169.2 0.0 343.4

130 127.7 102.9 154.3





#27

Chloroform

Concen: 10.045 ug/l

RT: 5.071 min Scan# 1176

Delta R.T. 0.000 min

Lab File: VU063249.D

Acq: 12 Feb 2025 10:48

Instrument :

MSVOA_U

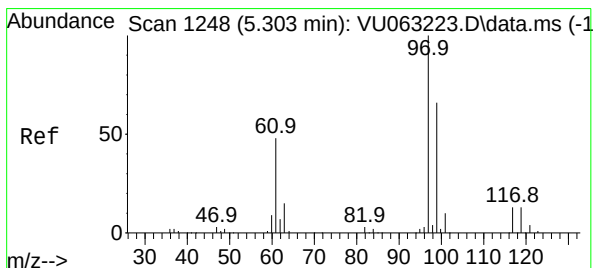
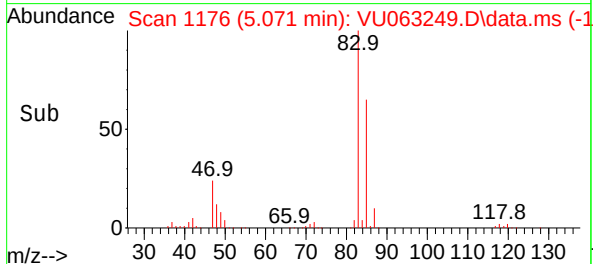
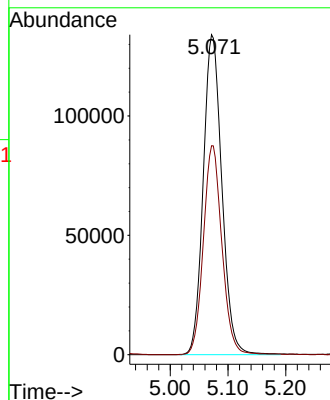
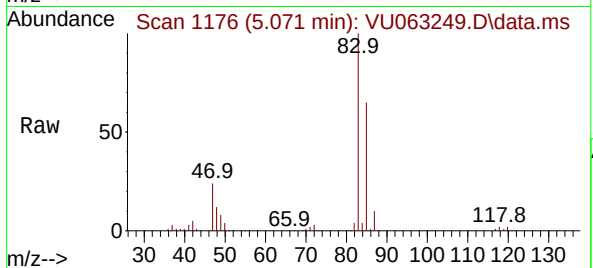
ClientSampleId :

Tgt Ion: 83 Resp: 300401

Ion Ratio Lower Upper

83 100

85 65.2 0.0 129.8



#28

1,1,1-Trichloroethane

Concen: 10.177 ug/l

RT: 5.303 min Scan# 1248

Delta R.T. 0.000 min

Lab File: VU063249.D

Acq: 12 Feb 2025 10:48

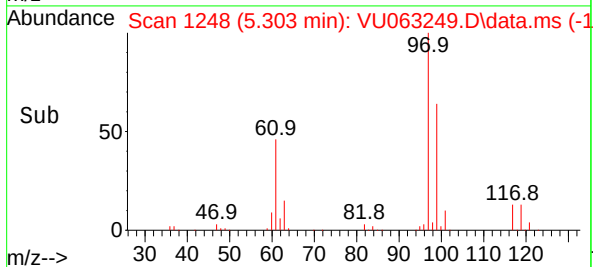
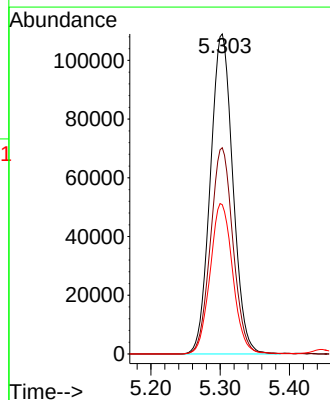
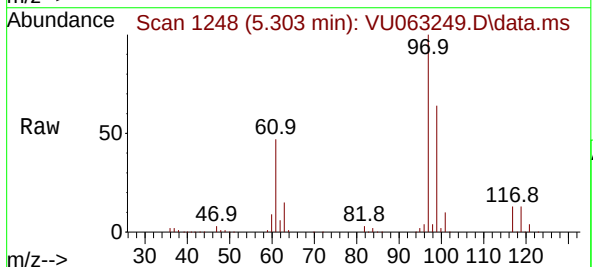
Tgt Ion: 97 Resp: 246535

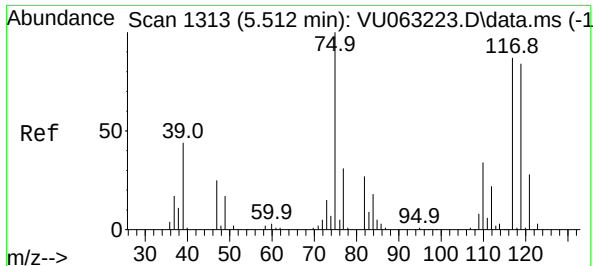
Ion Ratio Lower Upper

97 100

99 64.4 32.4 97.0

61 47.2 23.8 71.2

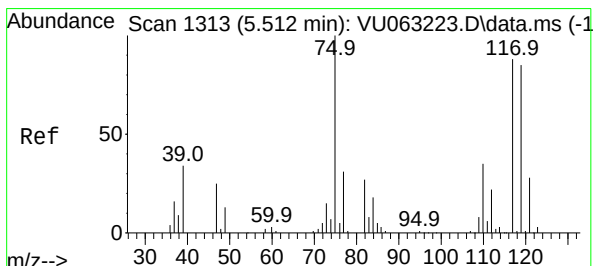
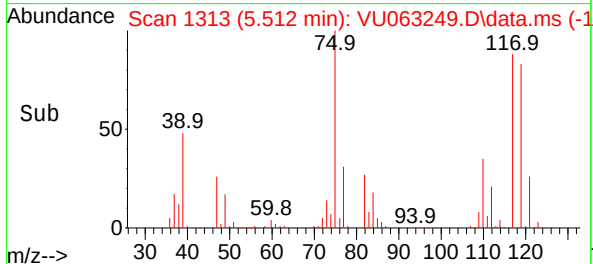
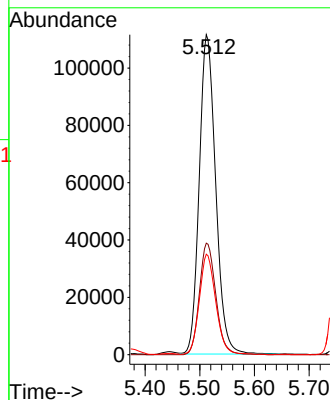
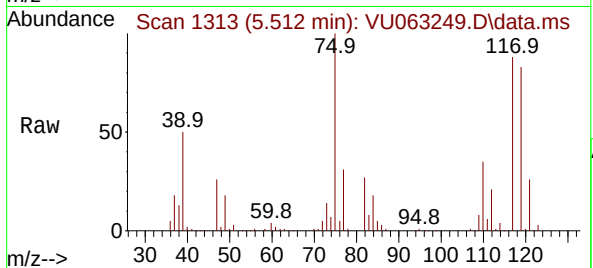




#29
1,1-Dichloropropene
Concen: 10.705 ug/l
RT: 5.512 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VU063249.D
Acq: 12 Feb 2025 10:48

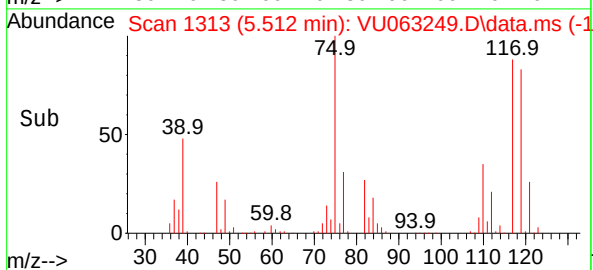
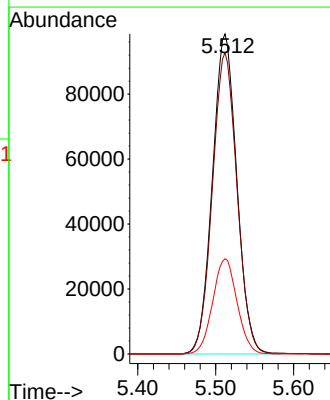
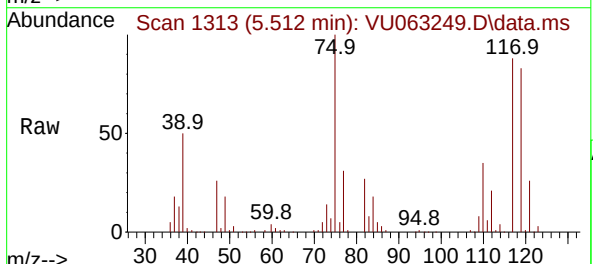
Instrument :
MSVOA_U
ClientSampleId :

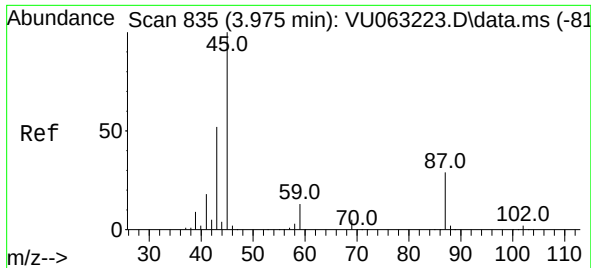
Tgt Ion: 75 Resp: 232266
Ion Ratio Lower Upper
75 100
110 34.9 17.2 51.5
77 31.1 24.6 37.0



#30
Carbon Tetrachloride
Concen: 10.291 ug/l
RT: 5.512 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VU063249.D
Acq: 12 Feb 2025 10:48

Tgt Ion: 117 Resp: 213796
Ion Ratio Lower Upper
117 100
119 94.2 76.7 115.1
121 29.7 25.5 38.3

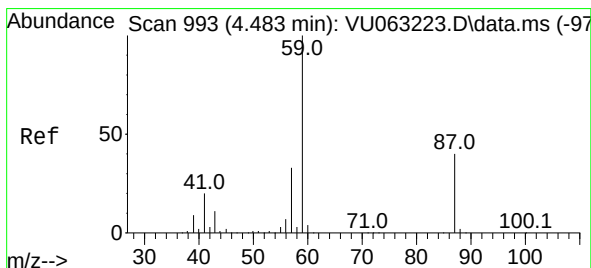
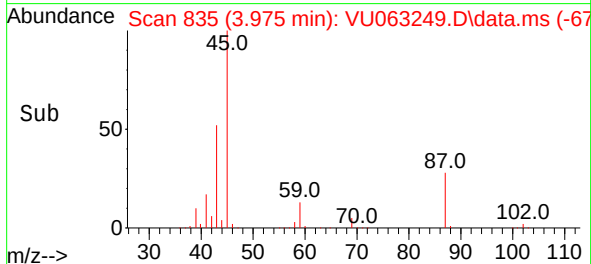
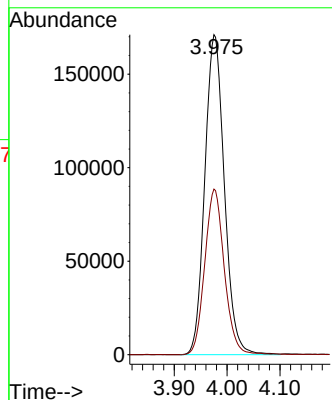
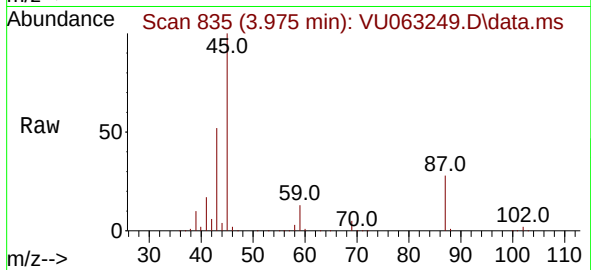




#31
Isopropyl Ether
Concen: 10.392 ug/l
RT: 3.975 min Scan# 835
Delta R.T. 0.000 min
Lab File: VU063249.D
Acq: 12 Feb 2025 10:48

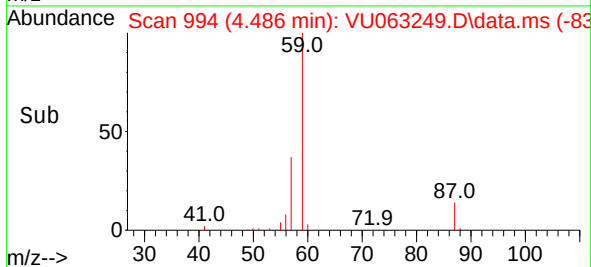
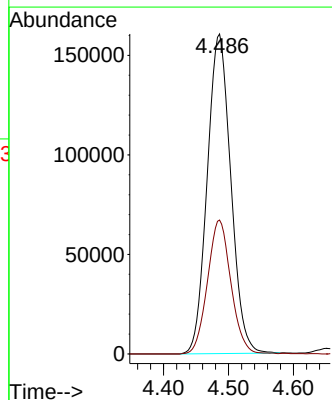
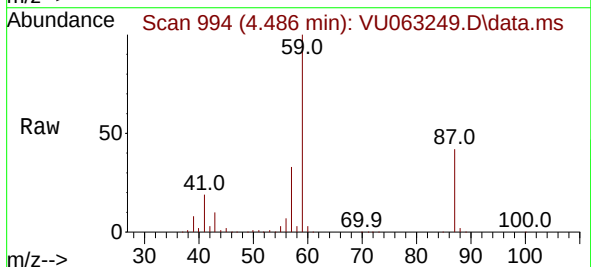
Instrument :
MSVOA_U
ClientSampleId :

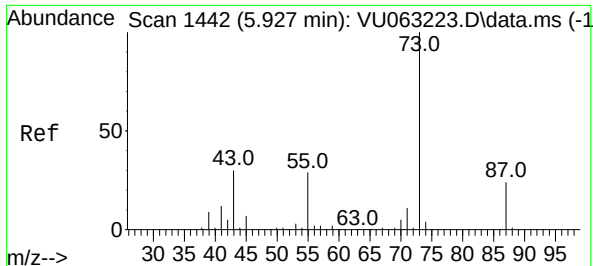
Tgt Ion: 45 Resp: 439672
Ion Ratio Lower Upper
45 100
43 51.8 25.7 77.1



#32
Ethyl-t-butyl ether
Concen: 10.522 ug/l
RT: 4.486 min Scan# 994
Delta R.T. 0.003 min
Lab File: VU063249.D
Acq: 12 Feb 2025 10:48

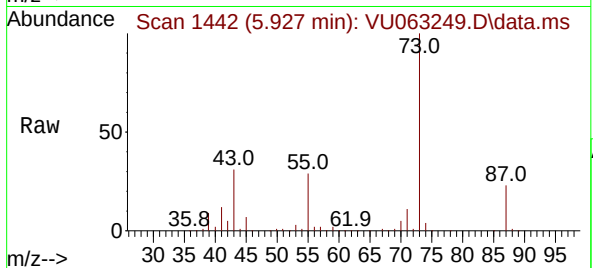
Tgt Ion: 59 Resp: 404830
Ion Ratio Lower Upper
59 100
87 41.4 32.6 49.0



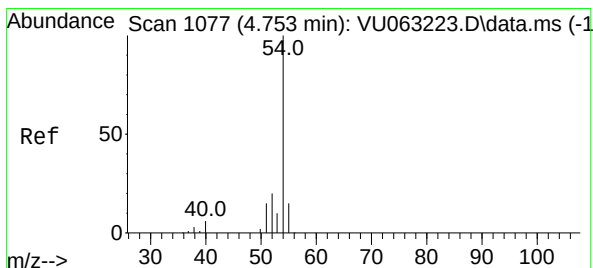
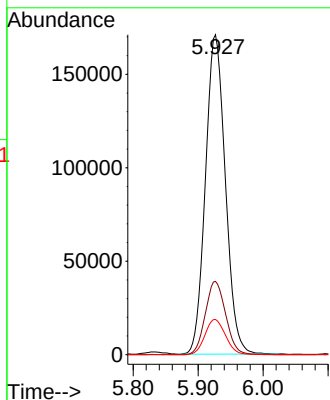
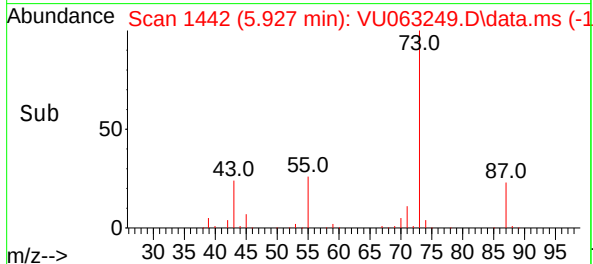


#33
Tert-Amyl methyl ether
Concen: 10.838 ug/l
RT: 5.927 min Scan# 1442
Delta R.T. 0.000 min
Lab File: VU063249.D
Acq: 12 Feb 2025 10:48

Instrument :
MSVOA_U
ClientSampleId :

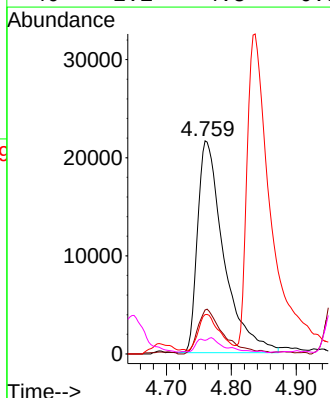
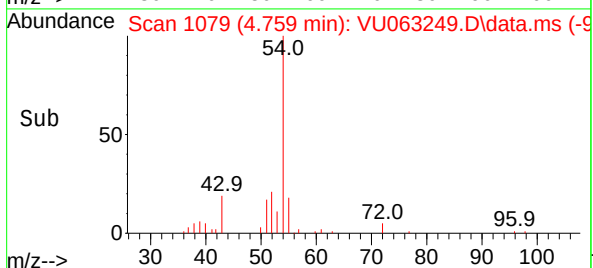
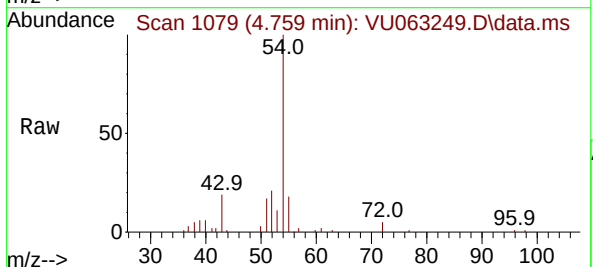


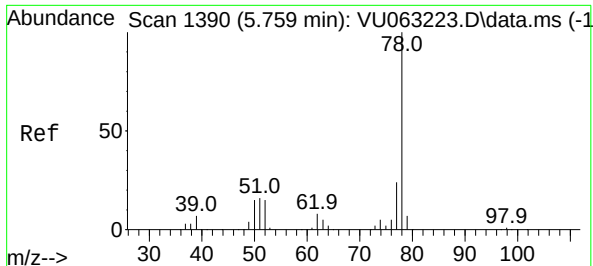
Tgt Ion: 73 Resp: 364333
Ion Ratio Lower Upper
73 100
87 23.4 18.9 28.3
71 11.4 9.0 13.4



#34
Propionitrile
Concen: 51.745 ug/l
RT: 4.759 min Scan# 1079
Delta R.T. 0.006 min
Lab File: VU063249.D
Acq: 12 Feb 2025 10:48

Tgt Ion: 54 Resp: 60683
Ion Ratio Lower Upper
54 100
52 20.2 16.3 24.5
55 14.7 11.8 17.6
40 2.1 4.3 6.5





#35

Benzene

Concen: 10.283 ug/l

RT: 5.759 min Scan# 1390

Delta R.T. 0.000 min

Lab File: VU063249.D

Acq: 12 Feb 2025 10:48

Instrument :

MSVOA_U

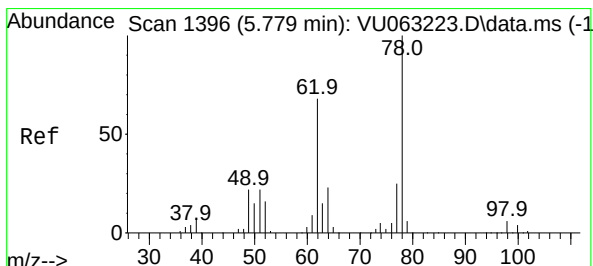
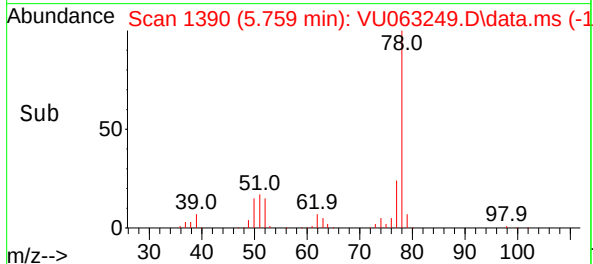
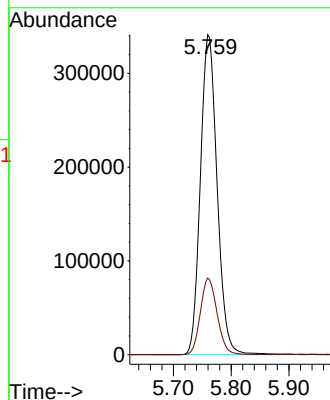
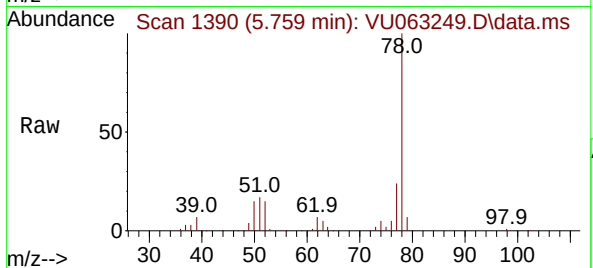
ClientSampleId :

Tgt Ion: 78 Resp: 686051

Ion Ratio Lower Upper

78 100

77 23.9 19.0 28.4



#36

1,2-Dichloroethane

Concen: 9.936 ug/l

RT: 5.779 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VU063249.D

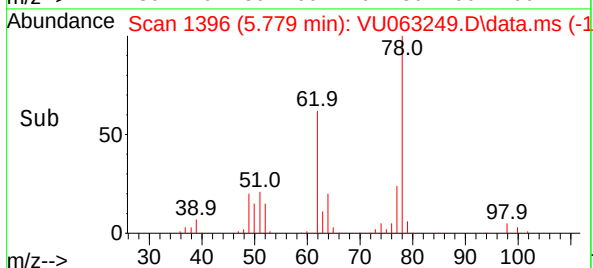
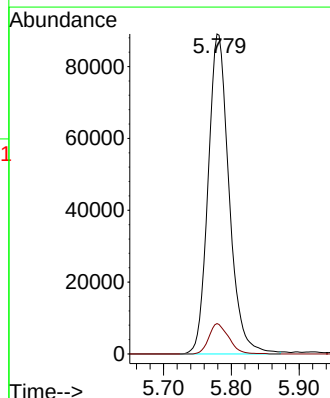
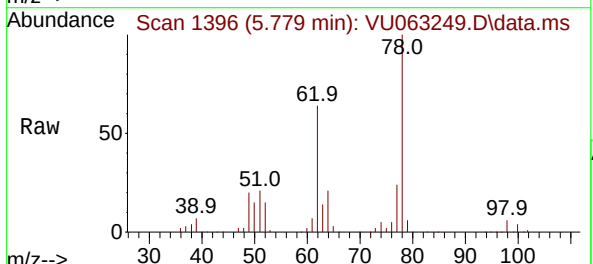
Acq: 12 Feb 2025 10:48

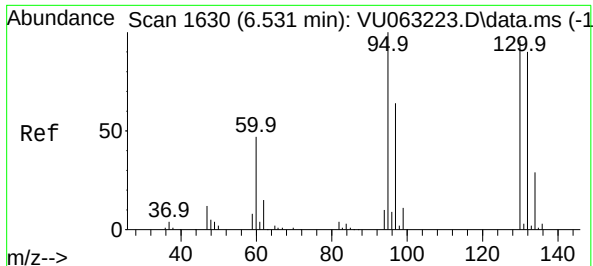
Tgt Ion: 62 Resp: 191321

Ion Ratio Lower Upper

62 100

98 8.9 6.9 10.3

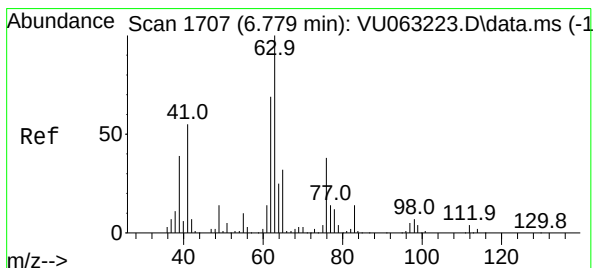
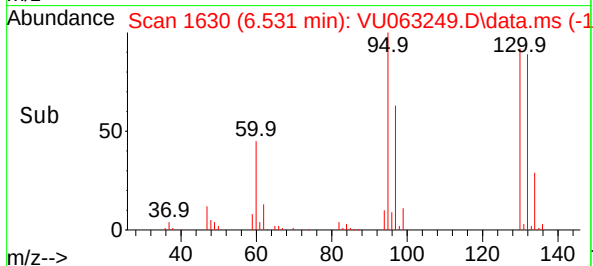
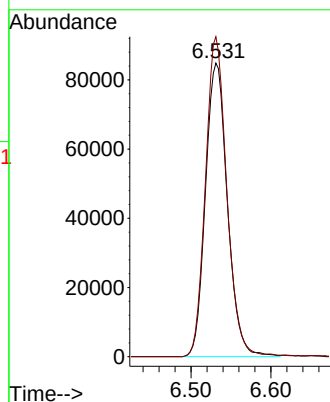
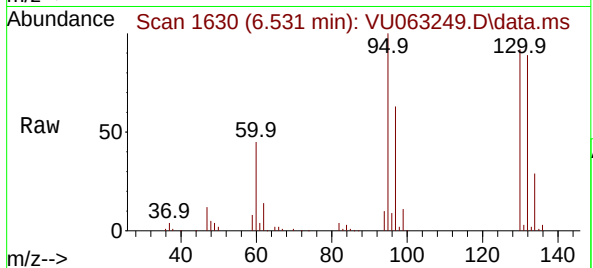




#37
Trichloroethene
Concen: 10.219 ug/l
RT: 6.531 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VU063249.D
Acq: 12 Feb 2025 10:48

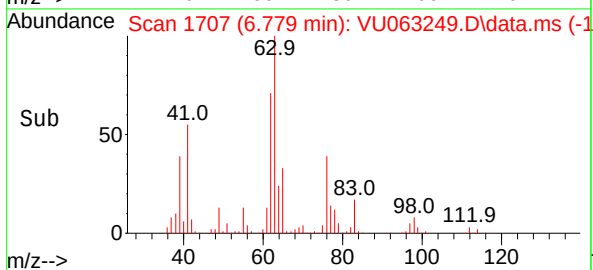
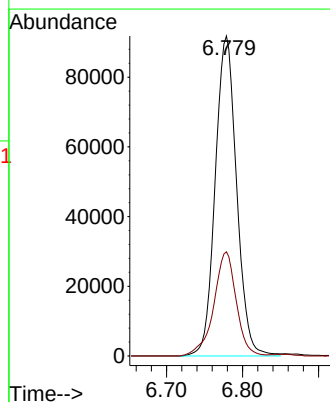
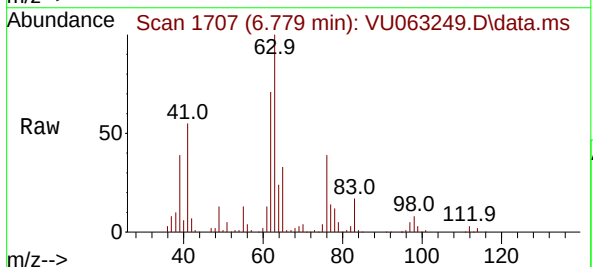
Instrument :
MSVOA_U
ClientSampleId :

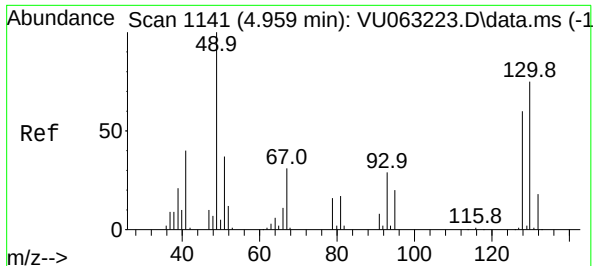
Tgt Ion:130 Resp: 162142
Ion Ratio Lower Upper
130 100
95 109.0 83.2 124.8



#38
1,2-Dichloropropane
Concen: 10.274 ug/l
RT: 6.779 min Scan# 1707
Delta R.T. 0.000 min
Lab File: VU063249.D
Acq: 12 Feb 2025 10:48

Tgt Ion: 63 Resp: 179409
Ion Ratio Lower Upper
63 100
65 32.5 25.3 37.9





#39

Methacrylonitrile

Concen: 10.967 ug/l

RT: 4.959 min Scan# 1141

Delta R.T. 0.000 min

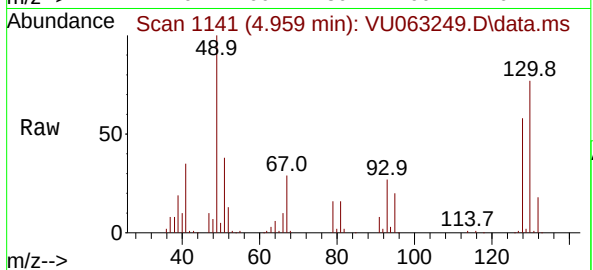
Lab File: VU063249.D

Acq: 12 Feb 2025 10:48

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 41 Resp: 47930

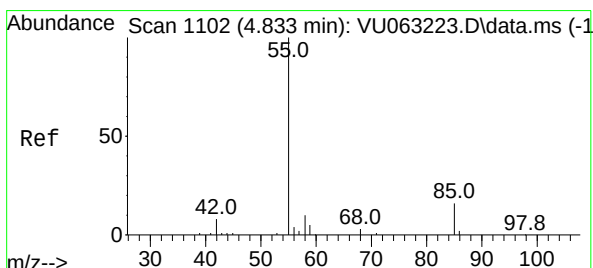
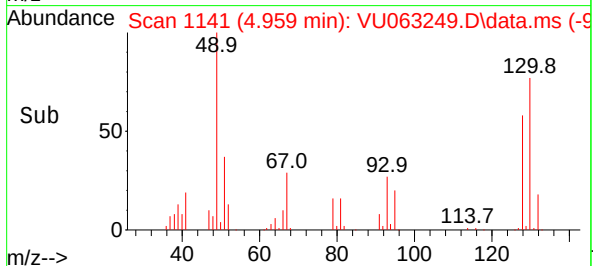
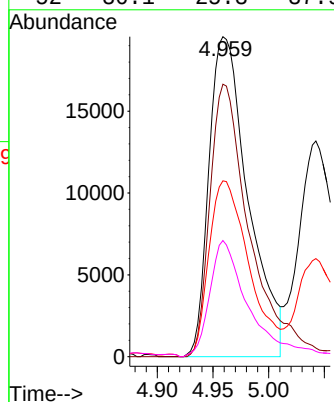
Ion Ratio Lower Upper

41 100

67 86.5 64.5 96.7

39 56.0 43.0 64.6

52 36.1 25.3 37.9



#40

Methyl acrylate

Concen: 10.346 ug/l

RT: 4.837 min Scan# 1103

Delta R.T. 0.003 min

Lab File: VU063249.D

Acq: 12 Feb 2025 10:48

Tgt Ion: 55 Resp: 83334

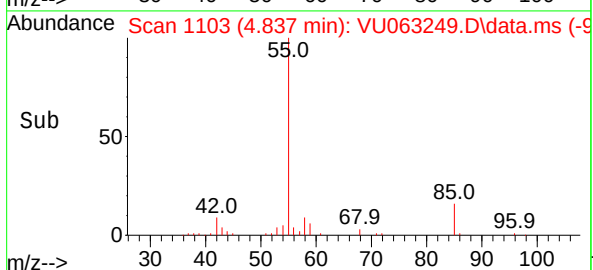
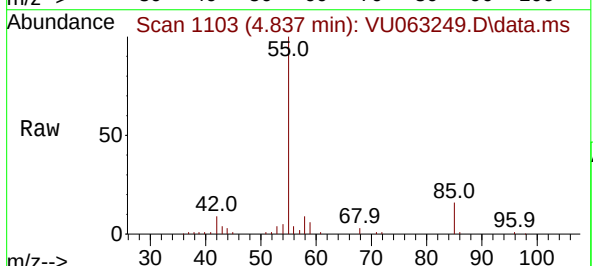
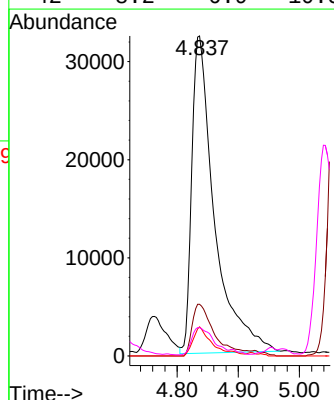
Ion Ratio Lower Upper

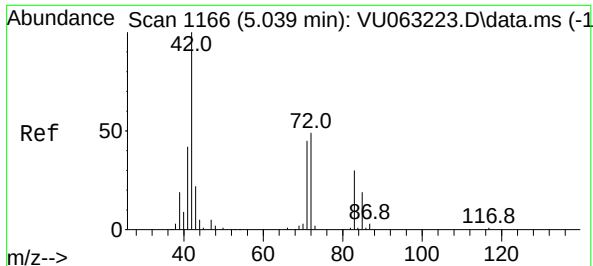
55 100

85 16.2 13.3 19.9

58 7.2 7.3 10.9#

42 8.2 6.9 10.3





#41

Tetrahydrofuran

Concen: 20.220 ug/l

RT: 5.039 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU063249.D

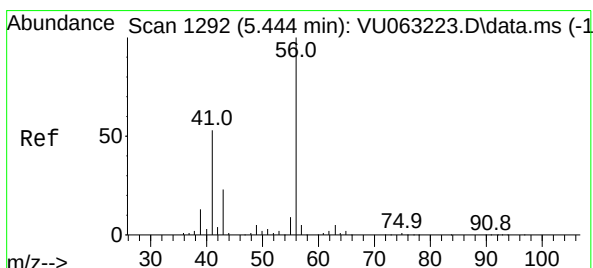
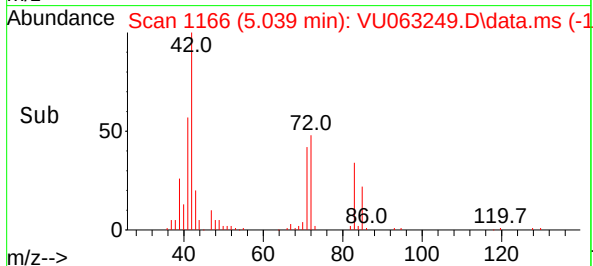
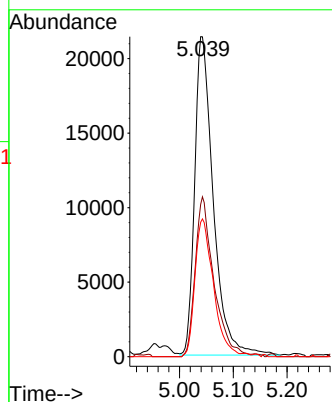
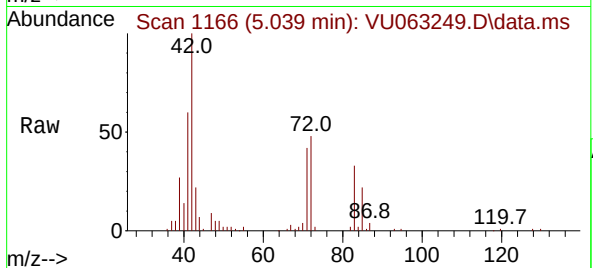
Acq: 12 Feb 2025 10:48

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	42	Resp:	51395
Ion Ratio	Lower	Upper	
42	100		
72	50.3	41.5	62.3
71	43.0	37.2	55.8



#42

1-Chlorobutane

Concen: 10.439 ug/l

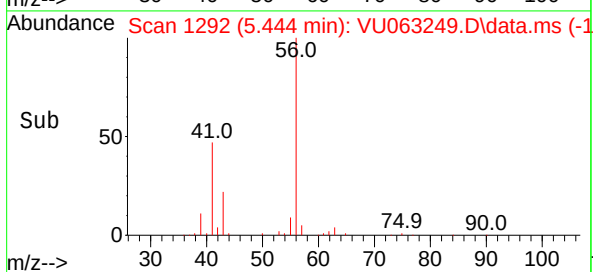
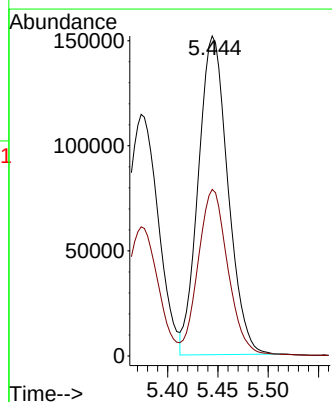
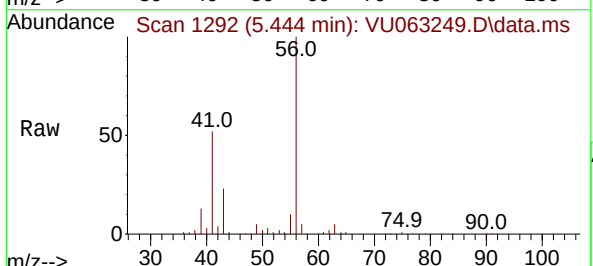
RT: 5.444 min Scan# 1292

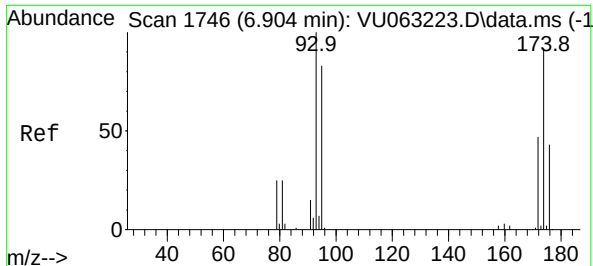
Delta R.T. 0.000 min

Lab File: VU063249.D

Acq: 12 Feb 2025 10:48

Tgt Ion:	56	Resp:	309896
Ion Ratio	Lower	Upper	
56	100		
41	52.5	26.3	78.8





#43

Dibromomethane

Concen: 10.017 ug/l

RT: 6.907 min Scan# 1

Delta R.T. 0.003 min

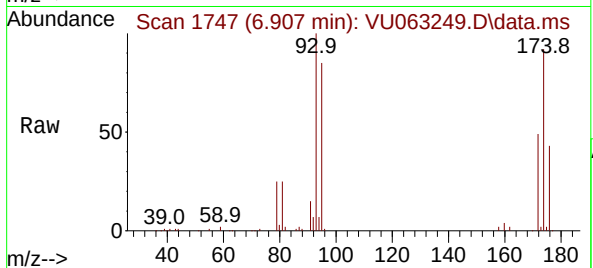
Lab File: VU063249.D

Acq: 12 Feb 2025 10:48

Instrument :

MSVOA_U

ClientSampleId :



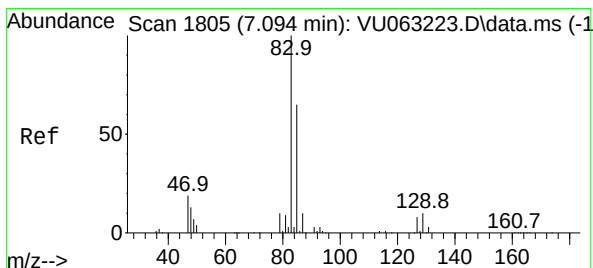
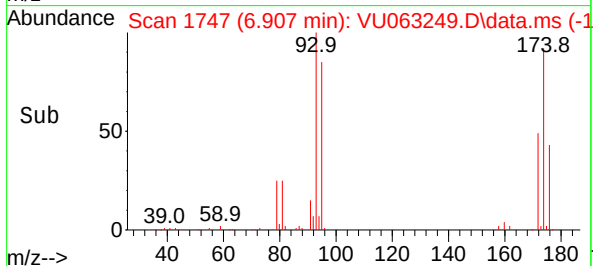
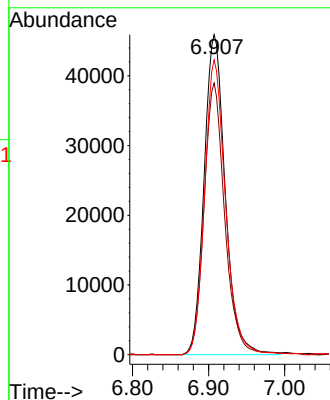
Tgt Ion: 93 Resp: 88575

Ion Ratio Lower Upper

93 100

95 83.1 67.2 100.8

174 91.3 75.7 113.5



#44

Bromodichloromethane

Concen: 10.327 ug/l

RT: 7.094 min Scan# 1805

Delta R.T. 0.000 min

Lab File: VU063249.D

Acq: 12 Feb 2025 10:48

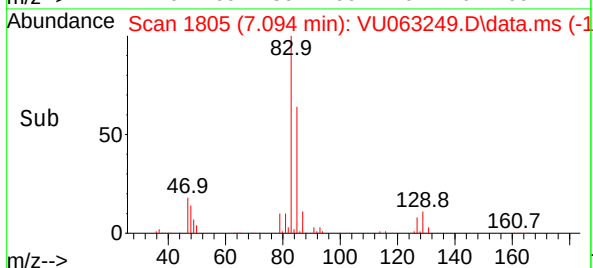
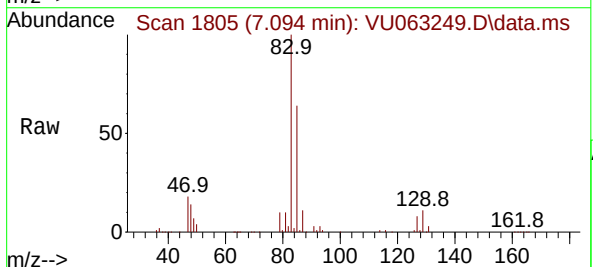
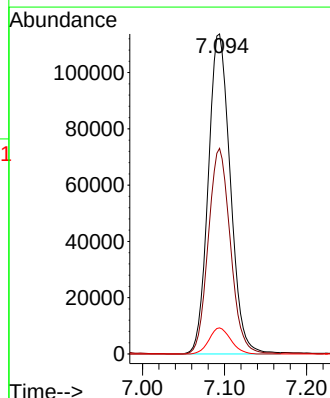
Tgt Ion: 83 Resp: 212526

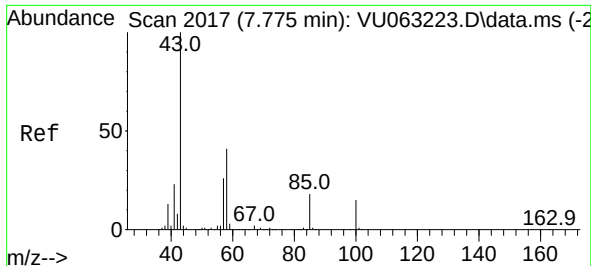
Ion Ratio Lower Upper

83 100

85 64.2 51.7 77.5

127 8.2 6.7 10.1





#45

4-Methyl-2-Pentanone

Concen: 52.711 ug/l

RT: 7.779 min Scan# 2017

Delta R.T. 0.003 min

Lab File: VU063249.D

Acq: 12 Feb 2025 10:48

Instrument :

MSVOA_U

ClientSampleId :

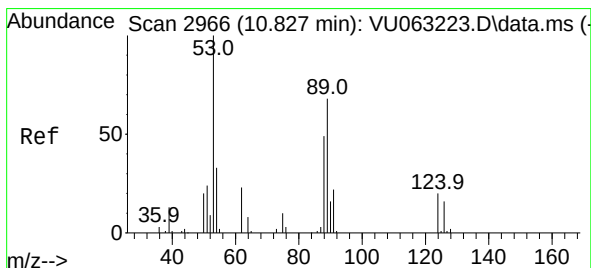
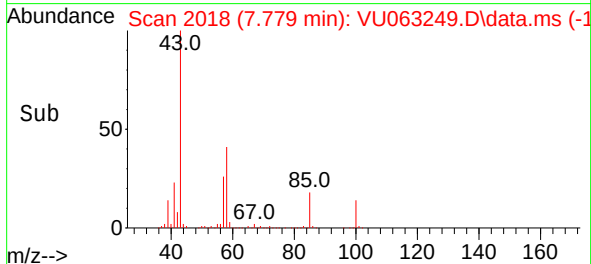
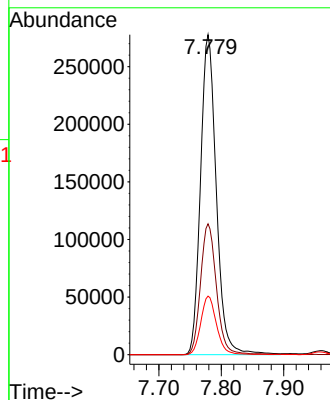
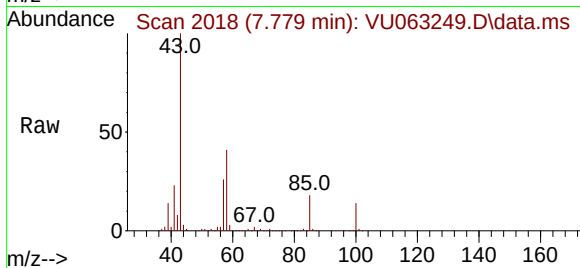
Tgt Ion: 43 Resp: 488624

Ion Ratio Lower Upper

43 100

58 41.1 20.8 62.5

85 18.2 14.8 22.2



#46

t-1,4-Dichloro-2-butene

Concen: 45.619 ug/l

RT: 10.814 min Scan# 2962

Delta R.T. -0.013 min

Lab File: VU063249.D

Acq: 12 Feb 2025 10:48

Tgt Ion: 75 Resp: 198796

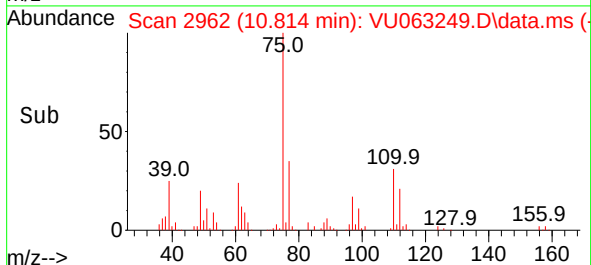
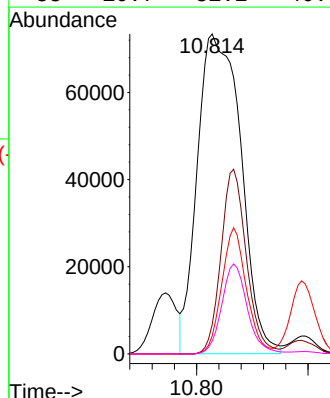
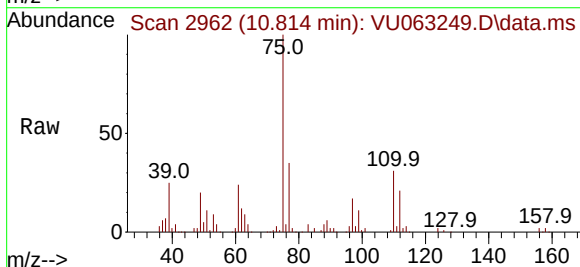
Ion Ratio Lower Upper

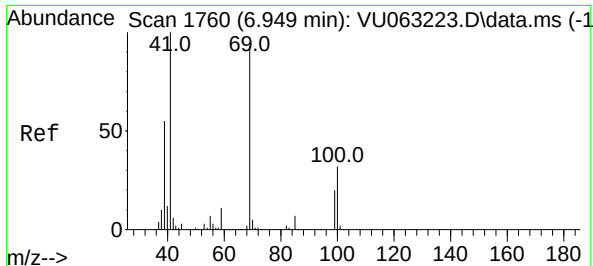
75 100

53 34.0 64.5 96.7#

89 22.5 43.4 65.2#

88 16.7 31.2 46.8#





#47

Methyl methacrylate

Concen: 22.078 ug/l

RT: 6.949 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU063249.D

Acq: 12 Feb 2025 10:48

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 69 Resp: 164430

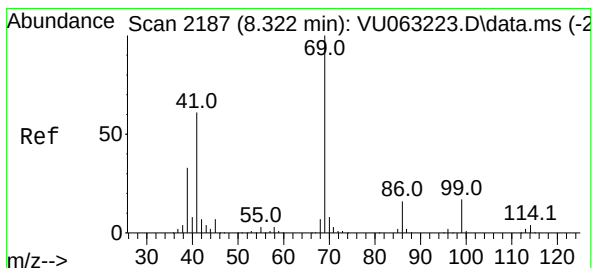
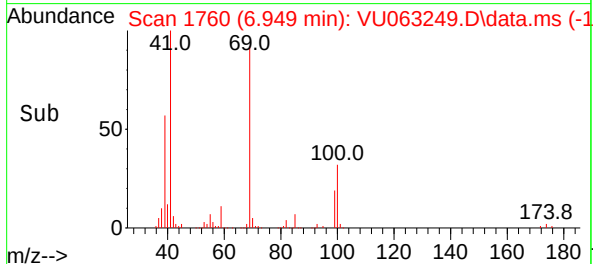
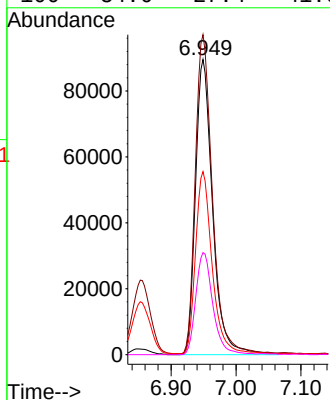
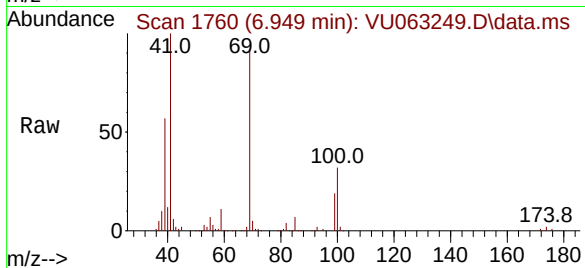
Ion Ratio Lower Upper

69 100

41 107.4 0.0 217.0

39 60.0 47.7 71.5

100 34.6 27.4 41.0



#48

Ethyl methacrylate

Concen: 11.484 ug/l

RT: 8.322 min Scan# 2187

Delta R.T. 0.000 min

Lab File: VU063249.D

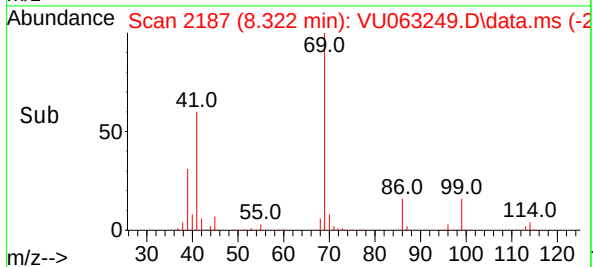
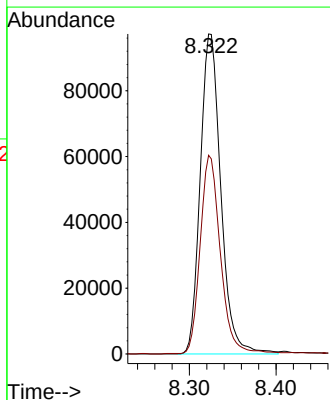
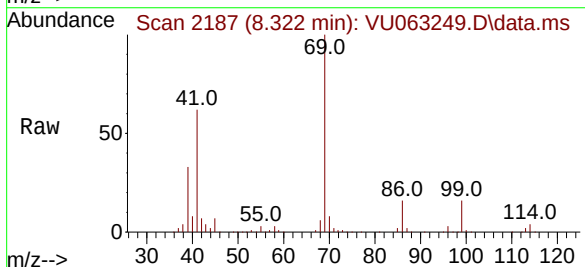
Acq: 12 Feb 2025 10:48

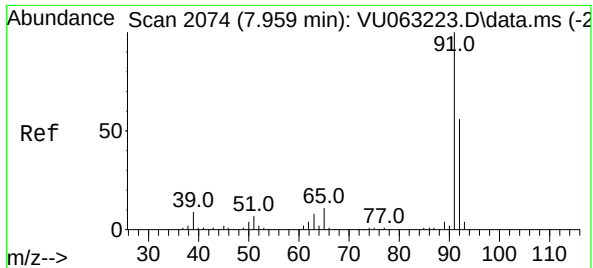
Tgt Ion: 69 Resp: 160597

Ion Ratio Lower Upper

69 100

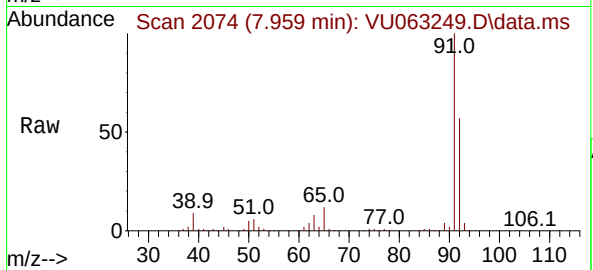
41 60.5 30.6 92.0



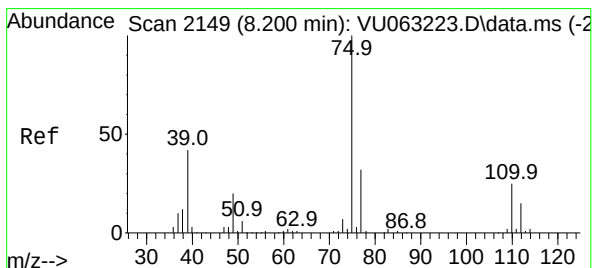
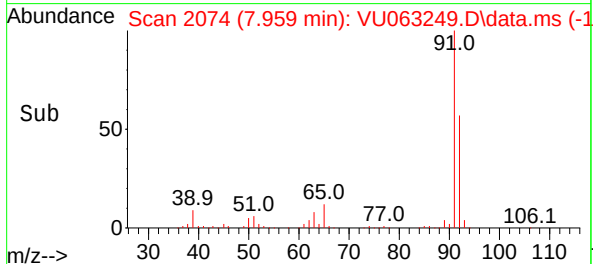
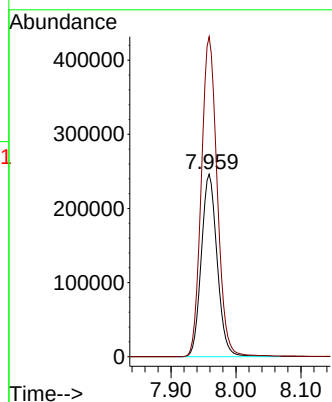


#49
Toluene
Concen: 10.932 ug/l
RT: 7.959 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VU063249.D
Acq: 12 Feb 2025 10:48

Instrument :
MSVOA_U
ClientSampleId :

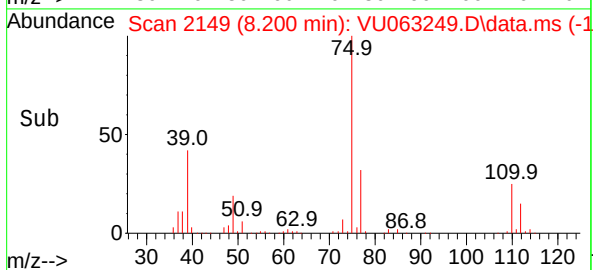
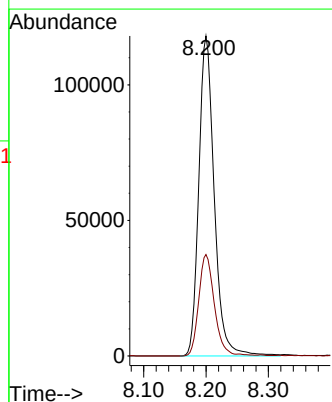
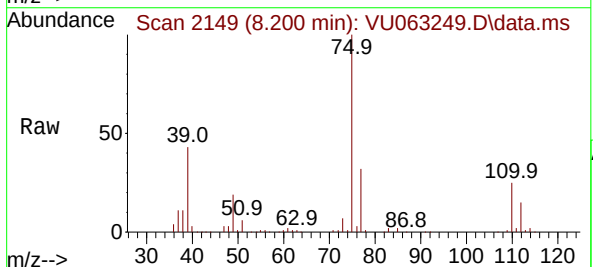


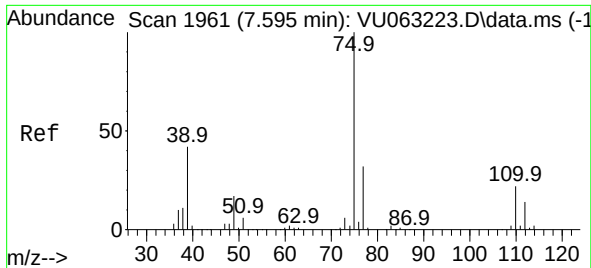
Tgt Ion: 92 Resp: 419404
Ion Ratio Lower Upper
92 100
91 175.8 141.8 212.6



#50
t-1,3-Dichloropropene
Concen: 10.778 ug/l
RT: 8.200 min Scan# 2149
Delta R.T. 0.000 min
Lab File: VU063249.D
Acq: 12 Feb 2025 10:48

Tgt Ion: 75 Resp: 203081
Ion Ratio Lower Upper
75 100
77 31.7 25.9 38.9

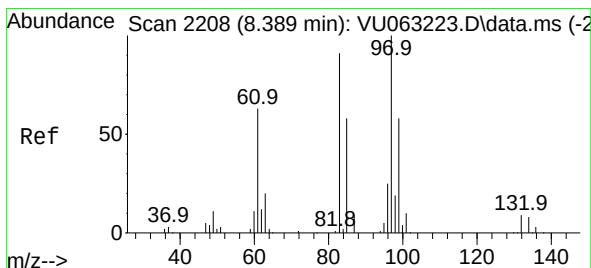
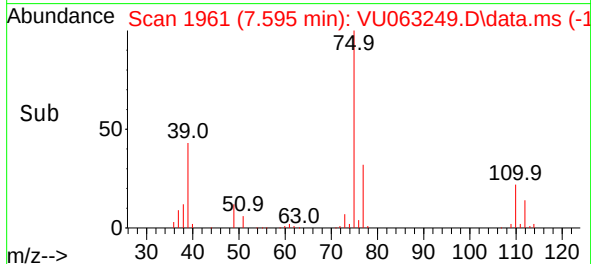
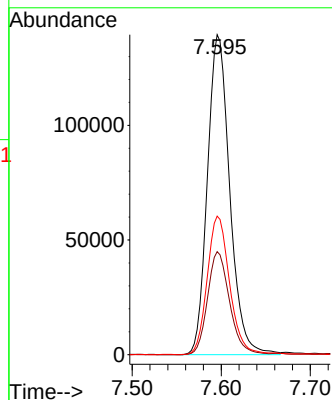
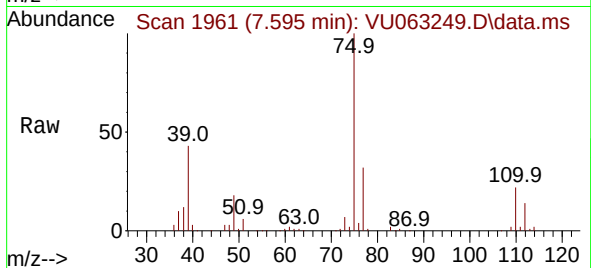




#51
 cis-1,3-Dichloropropene
 Concen: 10.447 ug/l
 RT: 7.595 min Scan# 1961
 Delta R.T. 0.000 min
 Lab File: VU063249.D
 Acq: 12 Feb 2025 10:48

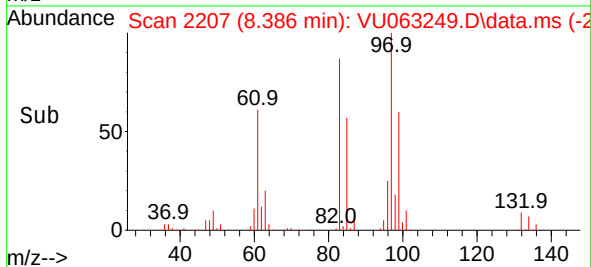
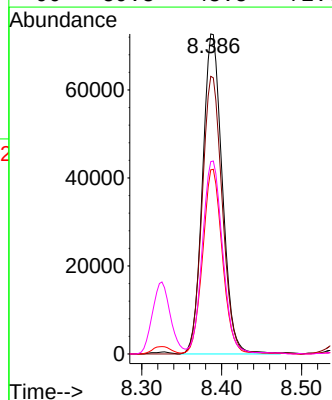
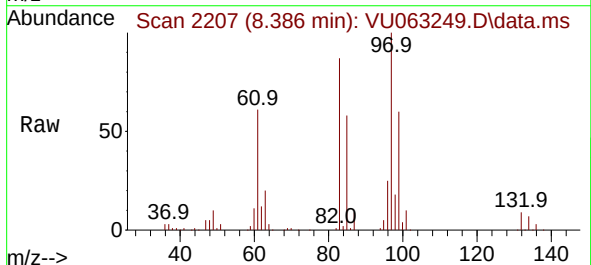
Instrument :
 MSVOA_U
 ClientSampleId :

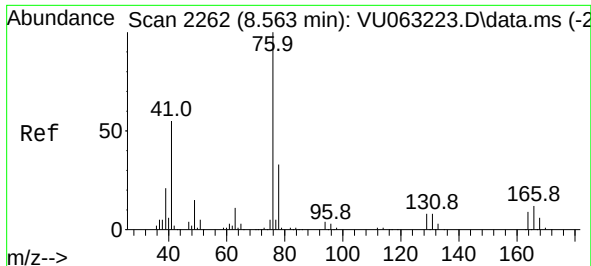
Tgt Ion: 75 Resp: 243151
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.3 37.9
 39 43.2 33.5 50.3



#52
 1,1,2-Trichloroethane
 Concen: 10.486 ug/l
 RT: 8.386 min Scan# 2207
 Delta R.T. -0.003 min
 Lab File: VU063249.D
 Acq: 12 Feb 2025 10:48

Tgt Ion: 97 Resp: 125016
 Ion Ratio Lower Upper
 97 100
 83 86.7 73.0 109.4
 85 57.3 46.3 69.5
 99 59.8 48.5 72.7





#53

1,3-Dichloropropane

Concen: 10.294 ug/l

RT: 8.563 min Scan# 2262

Delta R.T. 0.000 min

Lab File: VU063249.D

Acq: 12 Feb 2025 10:48

Instrument :

MSVOA_U

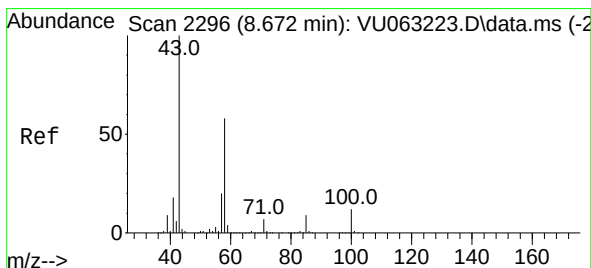
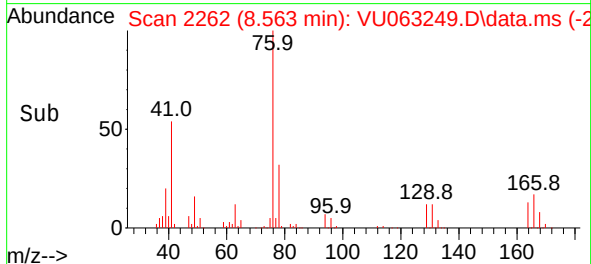
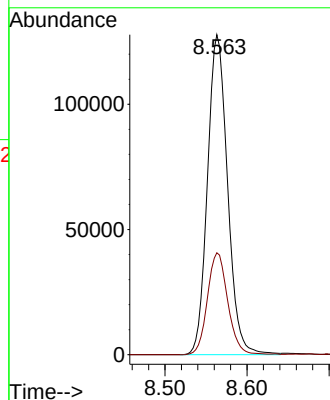
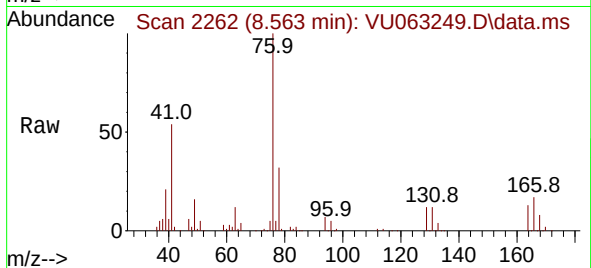
ClientSampleId :

Tgt Ion: 76 Resp: 217877

Ion Ratio Lower Upper

76 100

78 32.2 26.3 39.5



#54

2-Hexanone

Concen: 52.760 ug/l

RT: 8.672 min Scan# 2296

Delta R.T. 0.000 min

Lab File: VU063249.D

Acq: 12 Feb 2025 10:48

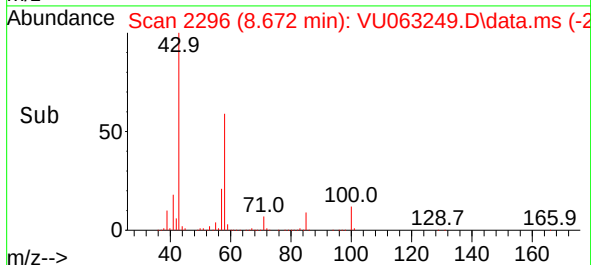
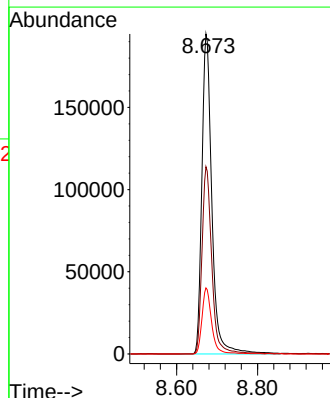
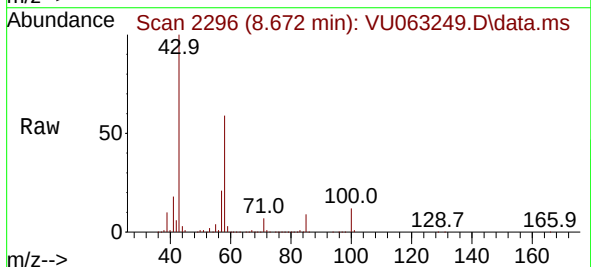
Tgt Ion: 43 Resp: 333762

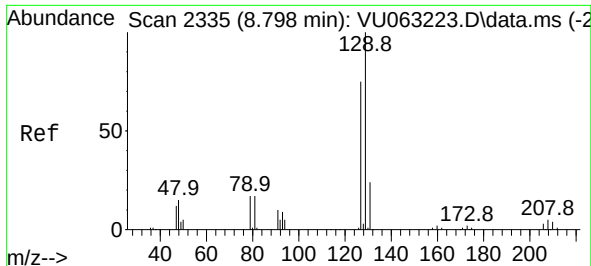
Ion Ratio Lower Upper

43 100

58 57.0 38.0 78.0

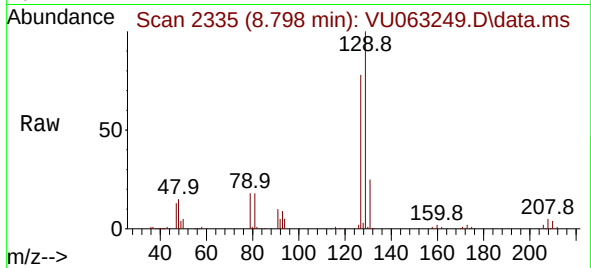
57 19.9 0.0 39.1



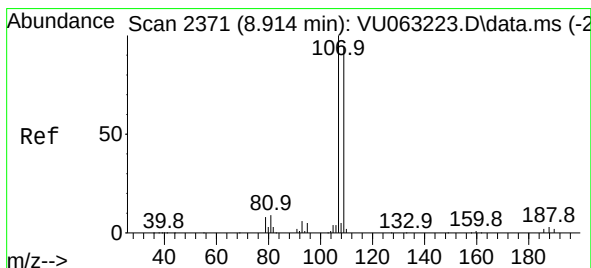
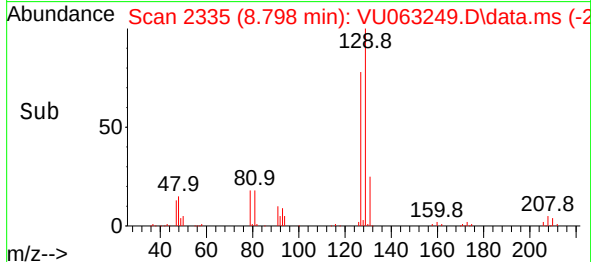
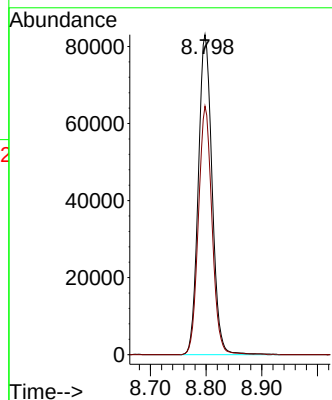


#55
 Dibromochloromethane
 Concen: 10.388 ug/l
 RT: 8.798 min Scan# 2335
 Delta R.T. 0.000 min
 Lab File: VU063249.D
 Acq: 12 Feb 2025 10:48

Instrument :
 MSVOA_U
 ClientSampleId :

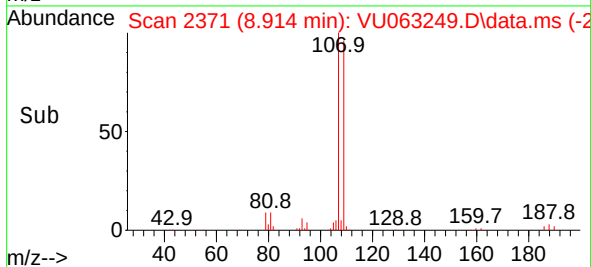
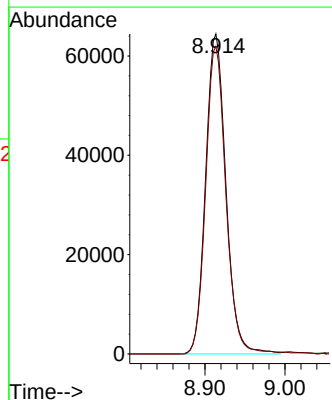
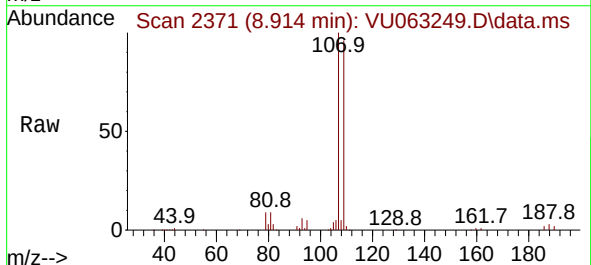


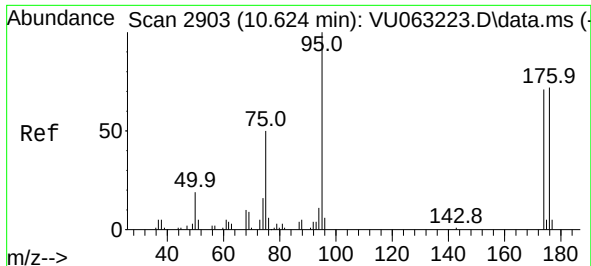
Tgt Ion:129 Resp: 142483
 Ion Ratio Lower Upper
 129 100
 127 76.8 60.4 90.6



#56
 1,2-Dibromoethane
 Concen: 10.196 ug/l
 RT: 8.914 min Scan# 2371
 Delta R.T. 0.000 min
 Lab File: VU063249.D
 Acq: 12 Feb 2025 10:48

Tgt Ion:107 Resp: 114002
 Ion Ratio Lower Upper
 107 100
 109 95.7 0.0 187.8

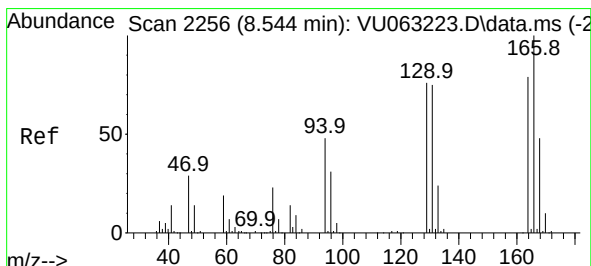
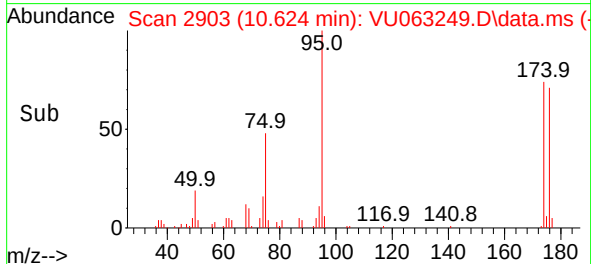
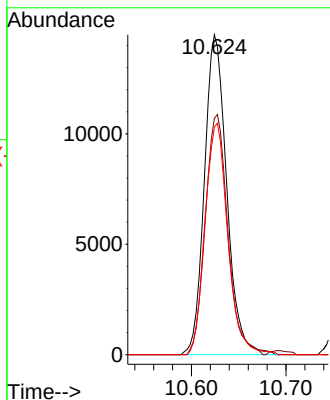
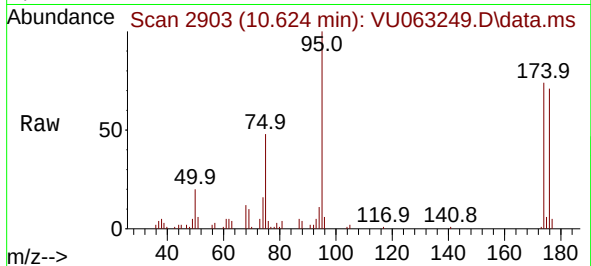




#57
4-Bromofluorobenzene
Concen: 1.328 ug/l
RT: 10.624 min Scan# 2903
Delta R.T. 0.000 min
Lab File: VU063249.D
Acq: 12 Feb 2025 10:48

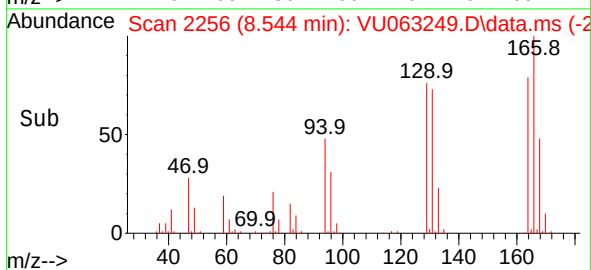
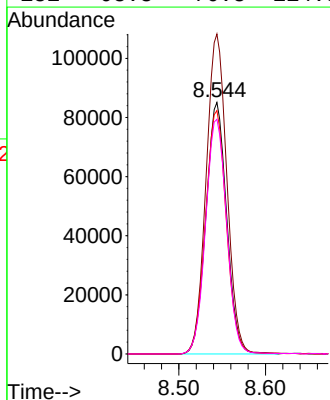
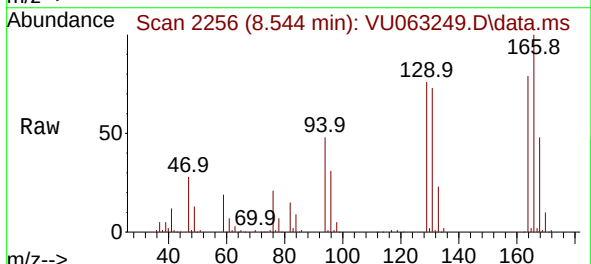
Instrument :
MSVOA_U
ClientSampleId :

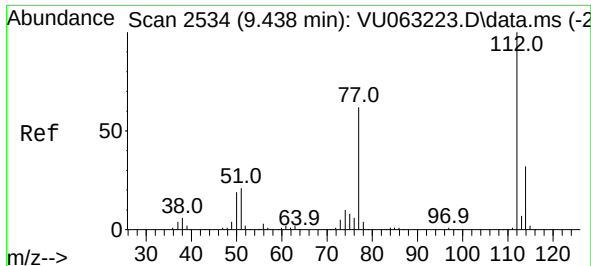
Tgt Ion: 95 Resp: 23785
Ion Ratio Lower Upper
95 100
174 75.4 58.6 88.0
176 74.1 58.2 87.4



#58
Tetrachloroethene
Concen: 10.837 ug/l
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU063249.D
Acq: 12 Feb 2025 10:48

Tgt Ion: 164 Resp: 141699
Ion Ratio Lower Upper
164 100
166 127.2 101.4 152.0
129 96.7 77.0 115.4
131 93.3 76.3 114.5





#59

Chlorobenzene

Concen: 10.494 ug/l

RT: 9.438 min Scan# 2534

Delta R.T. 0.000 min

Lab File: VU063249.D

Acq: 12 Feb 2025 10:48

Instrument :

MSVOA_U

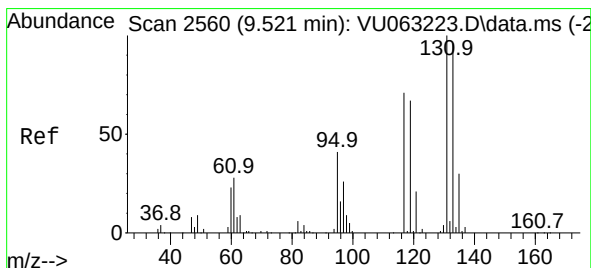
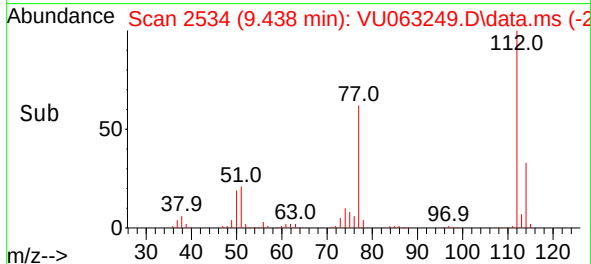
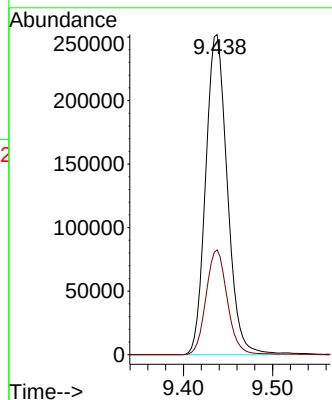
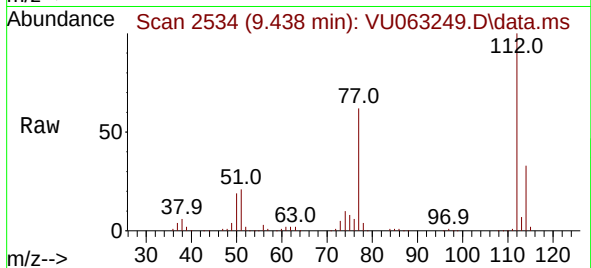
ClientSampleId :

Tgt Ion:112 Resp: 424889

Ion Ratio Lower Upper

112 100

114 32.7 25.7 38.5



#60

1,1,1,2-Tetrachloroethane

Concen: 10.471 ug/l

RT: 9.521 min Scan# 2560

Delta R.T. 0.000 min

Lab File: VU063249.D

Acq: 12 Feb 2025 10:48

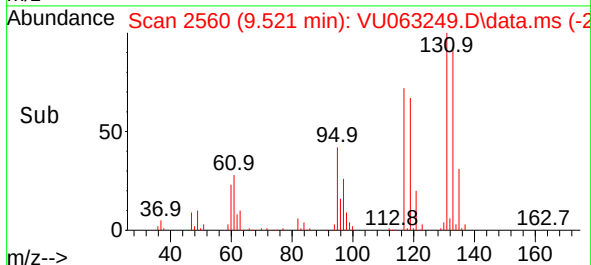
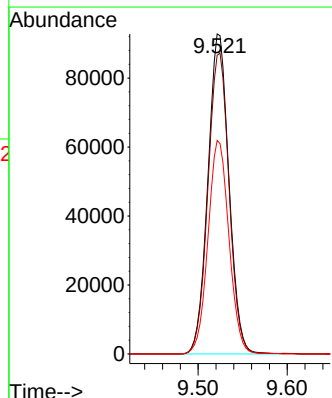
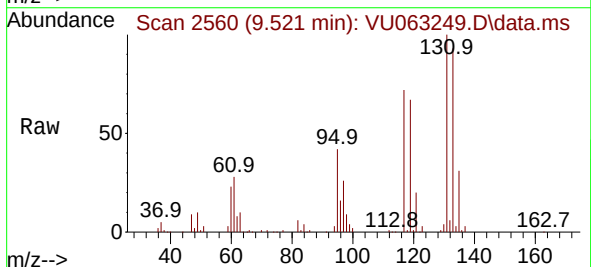
Tgt Ion:131 Resp: 152380

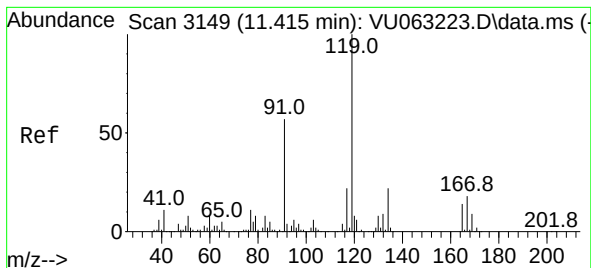
Ion Ratio Lower Upper

131 100

133 94.5 76.7 115.1

119 66.3 54.4 81.6





#61

Pentachloroethane

Concen: 9.856 ug/l

RT: 11.415 min Scan# 3149

Delta R.T. 0.000 min

Lab File: VU063249.D

Acq: 12 Feb 2025 10:48

Instrument :

MSVOA_U

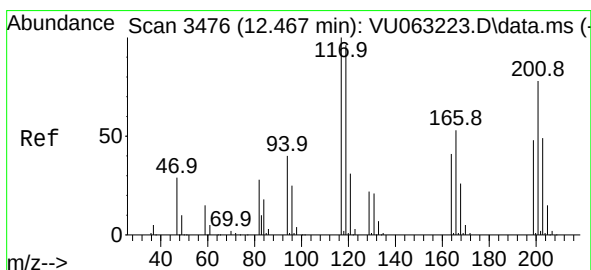
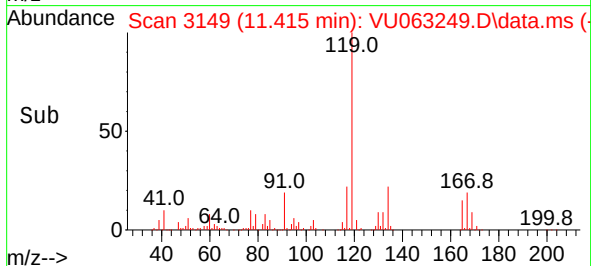
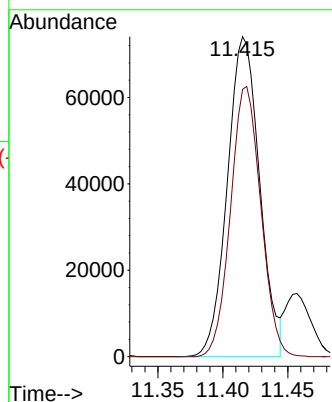
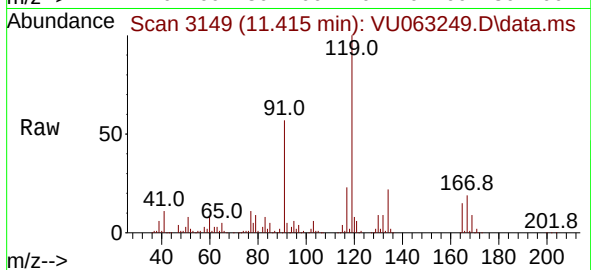
ClientSampleId :

Tgt Ion:117 Resp: 128136

Ion Ratio Lower Upper

117 100

167 79.3 65.0 97.6



#62

Hexachloroethane

Concen: 10.453 ug/l

RT: 12.463 min Scan# 3475

Delta R.T. -0.003 min

Lab File: VU063249.D

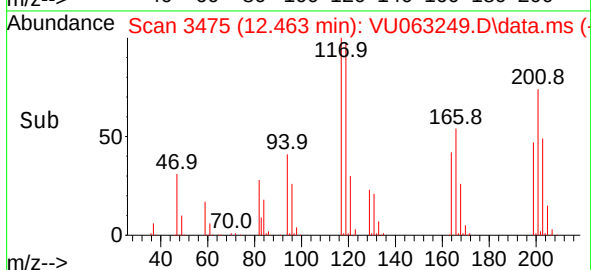
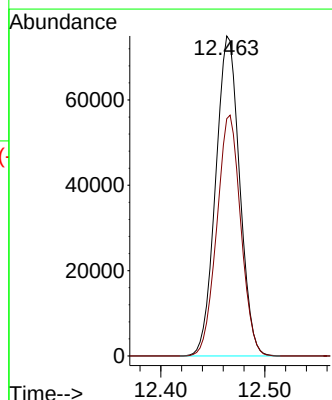
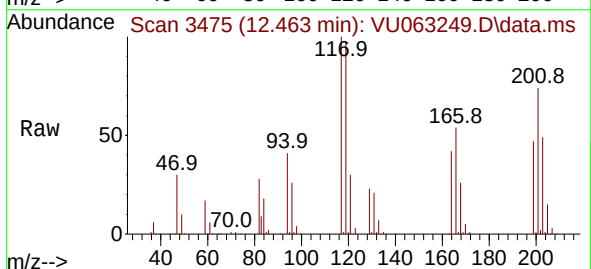
Acq: 12 Feb 2025 10:48

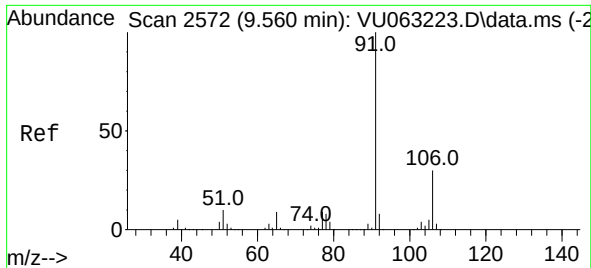
Tgt Ion:117 Resp: 120228

Ion Ratio Lower Upper

117 100

201 75.2 61.3 91.9





#63

Ethyl Benzene

Concen: 11.211 ug/l

RT: 9.560 min Scan# 2572

Delta R.T. 0.000 min

Lab File: VU063249.D

Acq: 12 Feb 2025 10:48

Instrument :

MSVOA_U

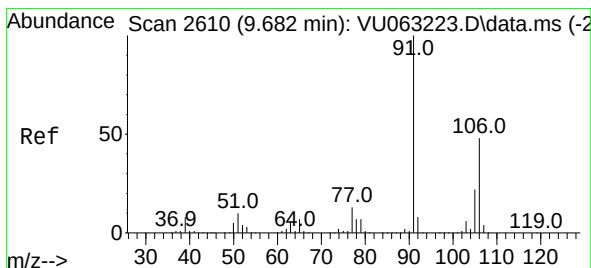
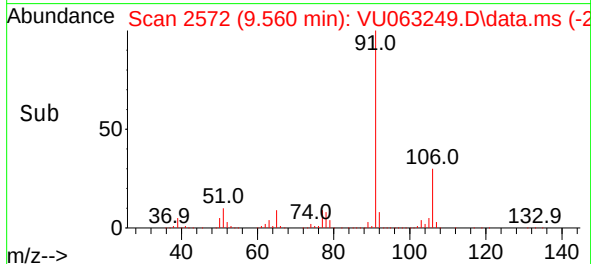
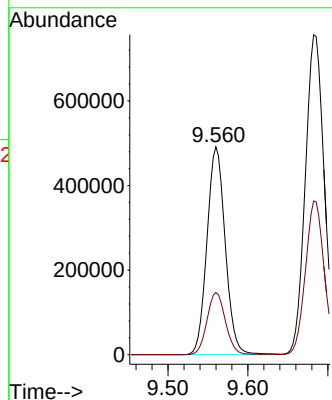
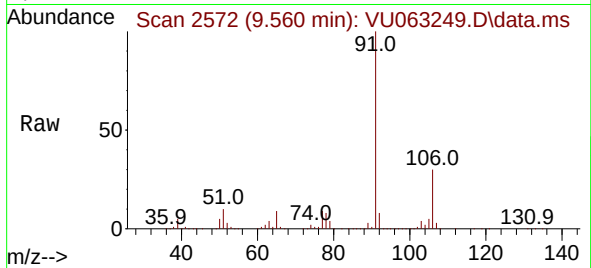
ClientSampleId :

Tgt Ion: 91 Resp: 782784

Ion Ratio Lower Upper

91 100

106 29.9 24.2 36.2



#64

m/p-Xylenes

Concen: 23.011 ug/l

RT: 9.682 min Scan# 2610

Delta R.T. 0.000 min

Lab File: VU063249.D

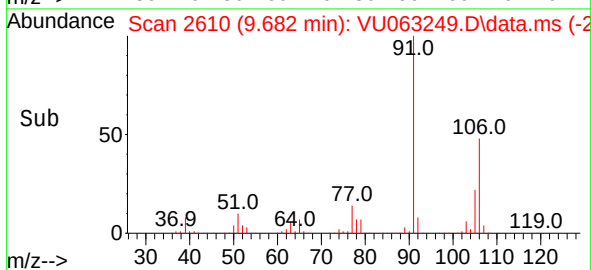
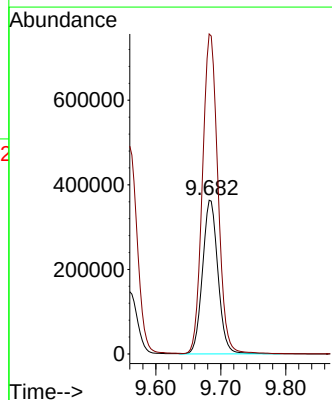
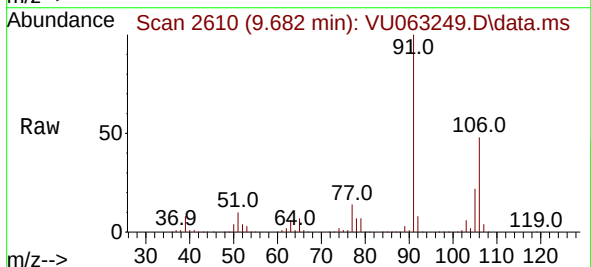
Acq: 12 Feb 2025 10:48

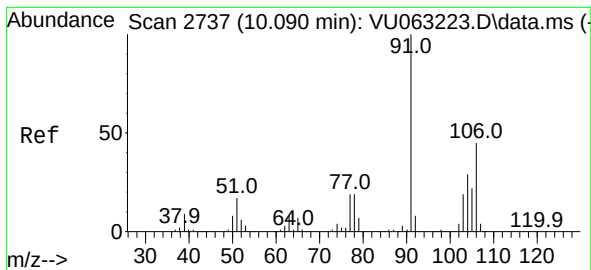
Tgt Ion:106 Resp: 600186

Ion Ratio Lower Upper

106 100

91 209.8 166.9 250.3





#65

o-Xylene

Concen: 11.188 ug/l

RT: 10.090 min Scan# 2737

Delta R.T. 0.000 min

Lab File: VU063249.D

Acq: 12 Feb 2025 10:48

Instrument :

MSVOA_U

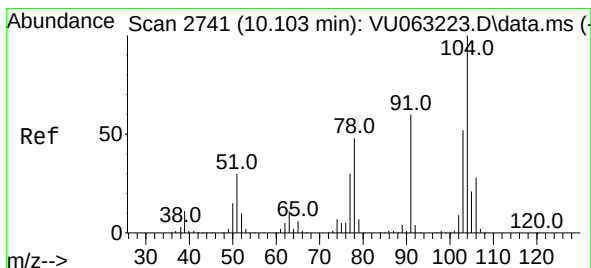
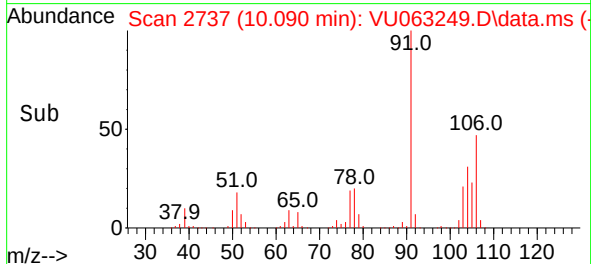
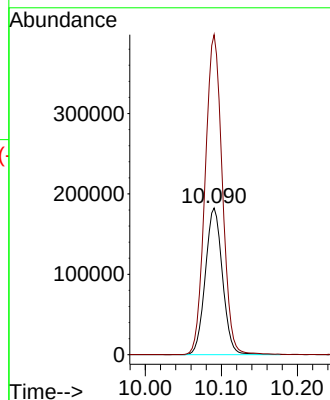
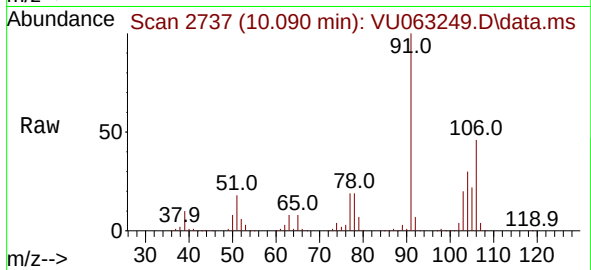
ClientSampleId :

Tgt Ion:106 Resp: 285666

Ion Ratio Lower Upper

106 100

91 219.0 110.9 332.9



#66

Styrene

Concen: 11.643 ug/l

RT: 10.103 min Scan# 2741

Delta R.T. 0.000 min

Lab File: VU063249.D

Acq: 12 Feb 2025 10:48

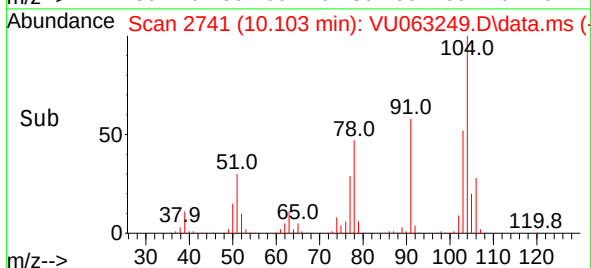
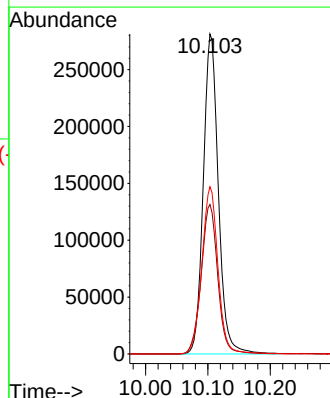
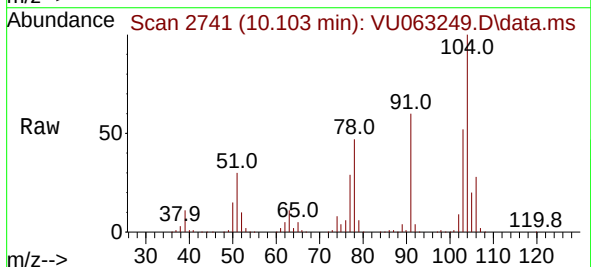
Tgt Ion:104 Resp: 473092

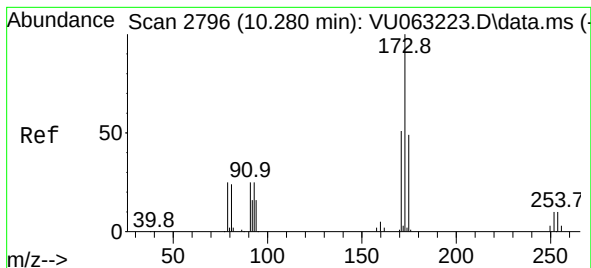
Ion Ratio Lower Upper

104 100

78 51.0 41.2 61.8

103 55.9 44.8 67.2





#67

Bromoform

Concen: 10.490 ug/l

RT: 10.280 min Scan# 2796

Delta R.T. 0.000 min

Lab File: VU063249.D

Acq: 12 Feb 2025 10:48

Instrument :

MSVOA_U

ClientSampleId :

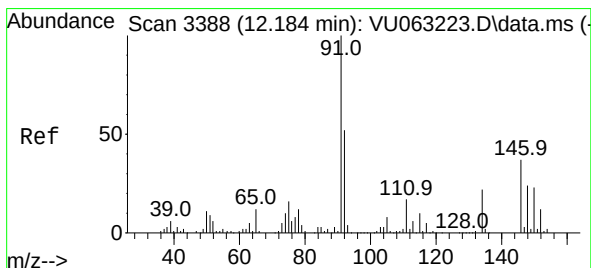
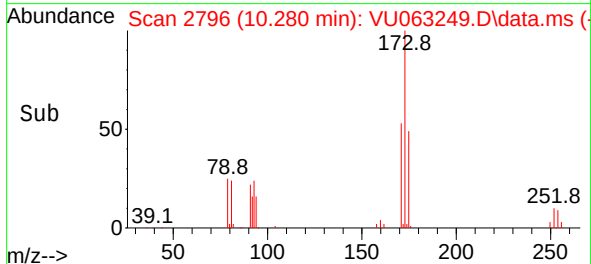
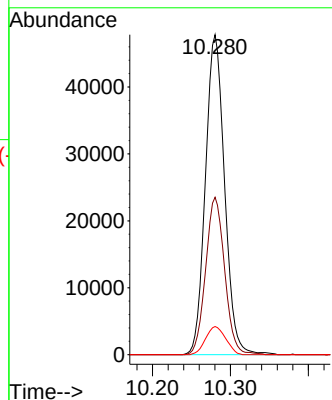
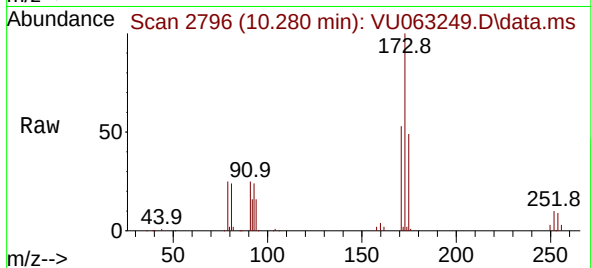
Tgt Ion:173 Resp: 81654

Ion Ratio Lower Upper

173 100

175 48.8 39.0 58.4

254 9.2 7.7 11.5



#68

1,2-Dichlorobenzene-d4

Concen: 0.995 ug/l

RT: 12.184 min Scan# 3388

Delta R.T. 0.000 min

Lab File: VU063249.D

Acq: 12 Feb 2025 10:48

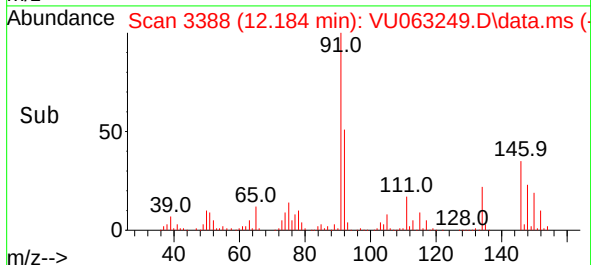
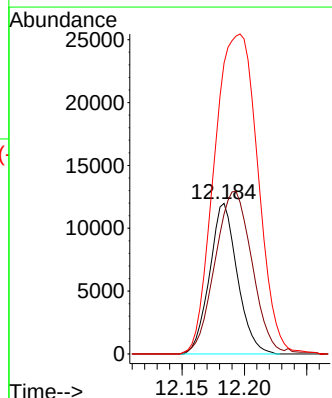
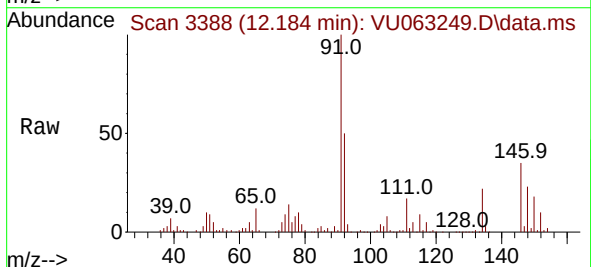
Tgt Ion:152 Resp: 18535

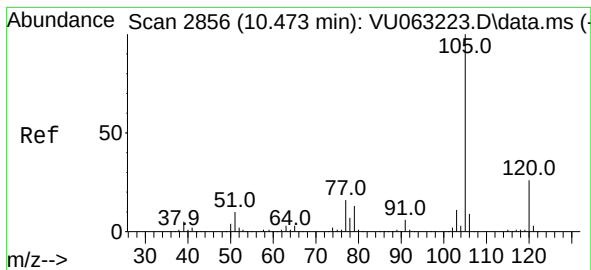
Ion Ratio Lower Upper

152 100

115 145.2 0.0 275.2

150 333.4 0.0 658.4





#69

Isopropylbenzene

Concen: 11.354 ug/l

RT: 10.473 min Scan# 2856

Delta R.T. 0.000 min

Lab File: VU063249.D

Acq: 12 Feb 2025 10:48

Instrument :

MSVOA_U

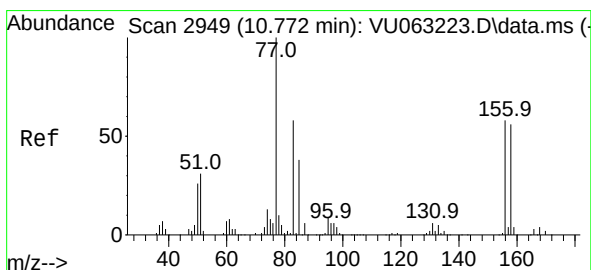
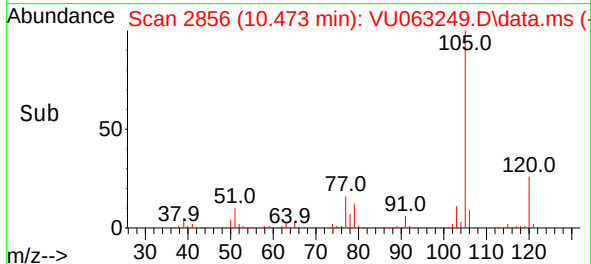
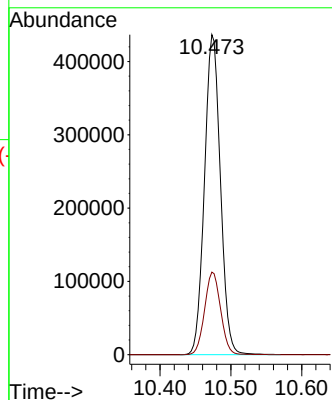
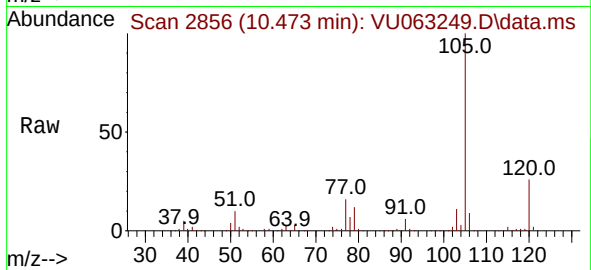
ClientSampleId :

Tgt Ion:105 Resp: 681530

Ion Ratio Lower Upper

105 100

120 25.9 12.8 38.4



#70

1,1,2,2-Tetrachloroethane

Concen: 9.913 ug/l

RT: 10.769 min Scan# 2948

Delta R.T. -0.003 min

Lab File: VU063249.D

Acq: 12 Feb 2025 10:48

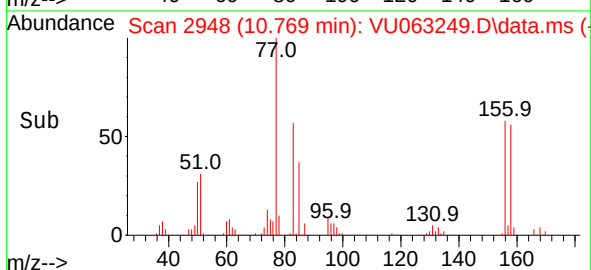
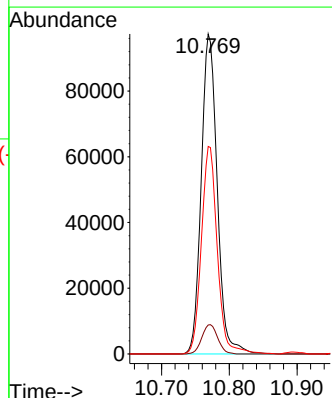
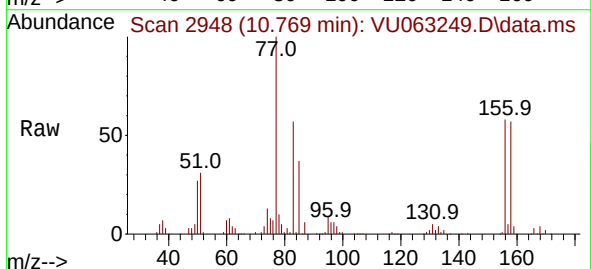
Tgt Ion: 83 Resp: 159278

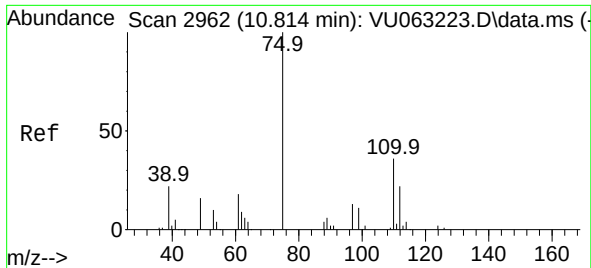
Ion Ratio Lower Upper

83 100

131 9.1 7.4 11.0

85 64.6 51.8 77.8

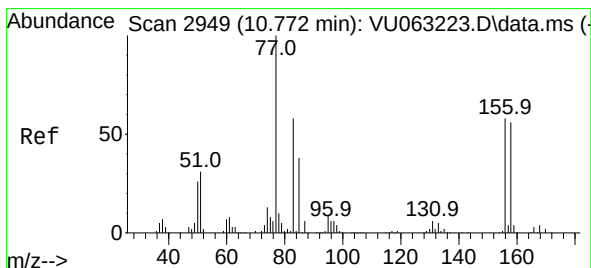
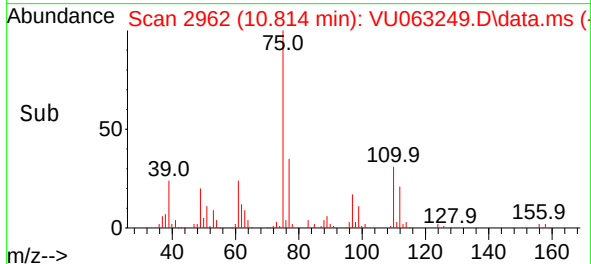
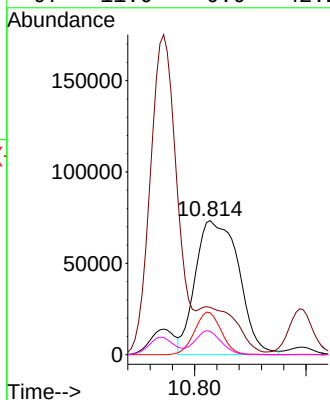
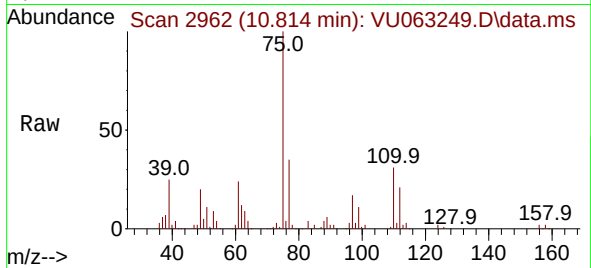




#71
1,2,3-Trichloropropane
Concen: 16.468 ug/l
RT: 10.814 min Scan# 2962
Delta R.T. 0.000 min
Lab File: VU063249.D
Acq: 12 Feb 2025 10:48

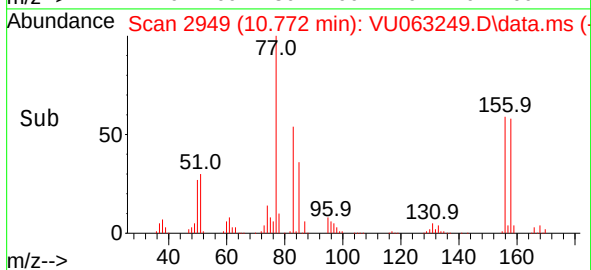
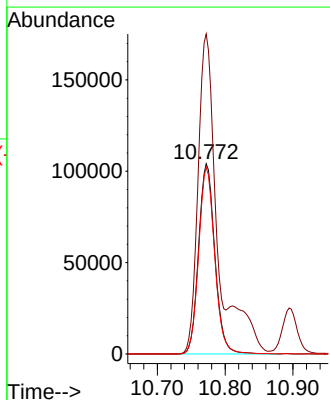
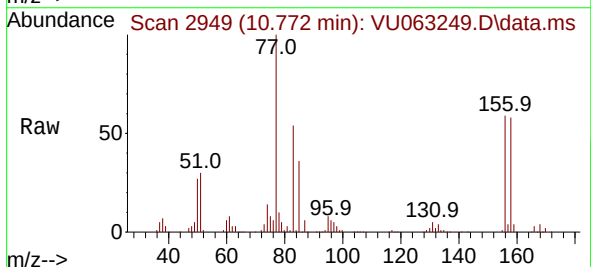
Instrument :
MSVOA_U
ClientSampleId :

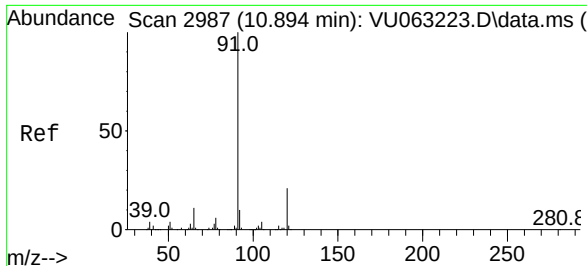
Tgt Ion:	75	Resp:	198796
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	19.6	0.0	77.0
97	11.0	0.0	42.2



#72
Bromobenzene
Concen: 10.707 ug/l
RT: 10.772 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU063249.D
Acq: 12 Feb 2025 10:48

Tgt Ion:	156	Resp:	173177
Ion	Ratio	Lower	Upper
156	100		
77	169.7	0.0	343.6
158	96.7	0.0	193.0



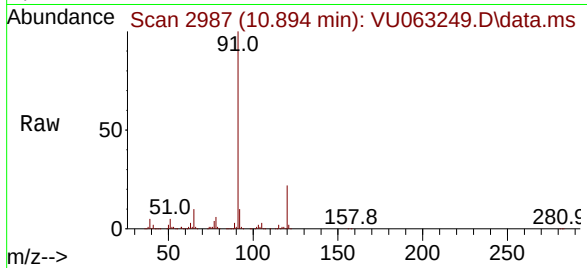


#73
n-propylbenzene
Concen: 11.848 ug/l
RT: 10.894 min Scan# 2987
Delta R.T. 0.000 min
Lab File: VU063249.D
Acq: 12 Feb 2025 10:48

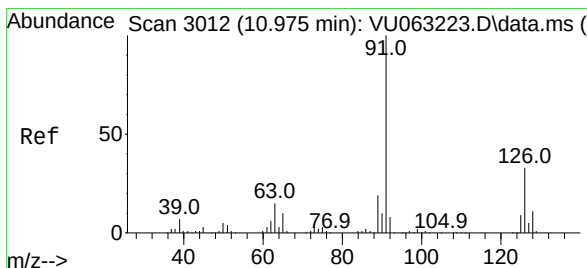
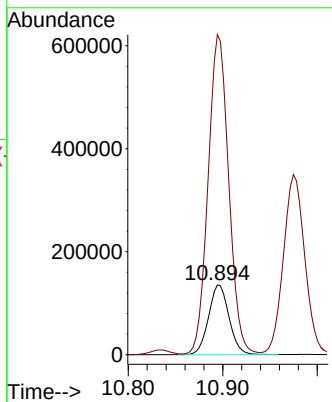
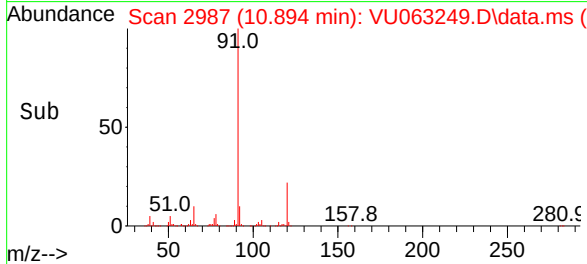
Instrument :

MSVOA_U

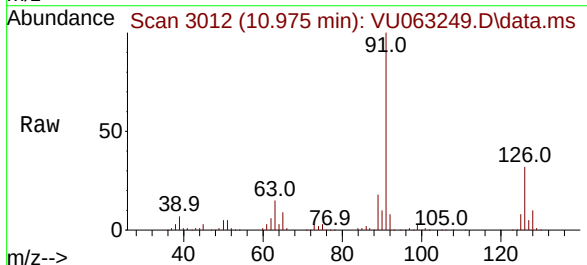
ClientSampleId :



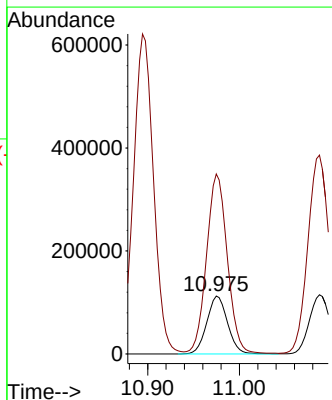
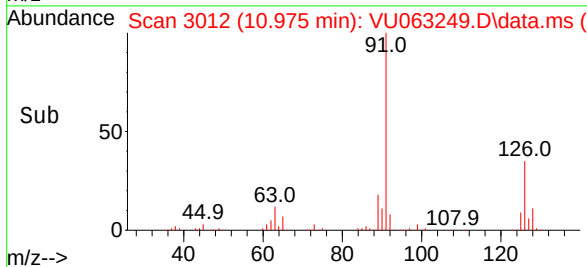
Tgt Ion:120 Resp: 203622
Ion Ratio Lower Upper
120 100
91 459.9 369.8 554.6

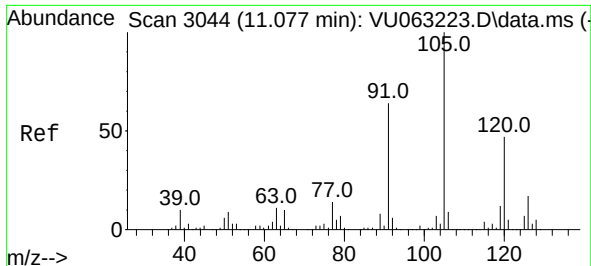


#74
2-Chlorotoluene
Concen: 11.143 ug/l
RT: 10.975 min Scan# 3012
Delta R.T. 0.000 min
Lab File: VU063249.D
Acq: 12 Feb 2025 10:48



Tgt Ion:126 Resp: 176492
Ion Ratio Lower Upper
126 100
91 309.4 0.0 623.8

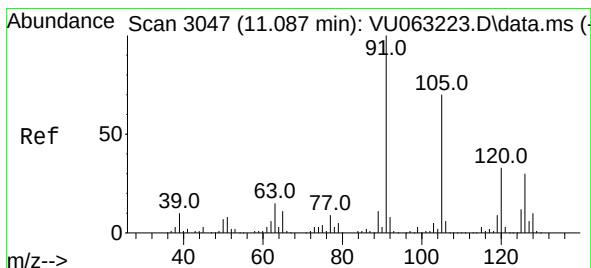
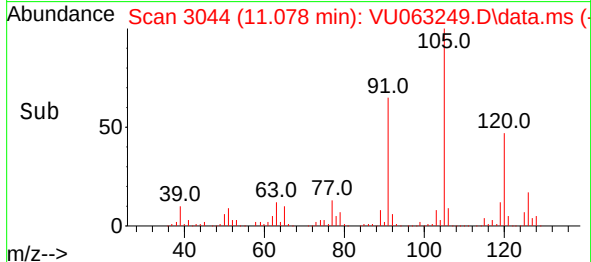
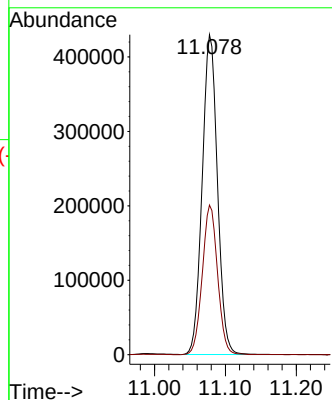
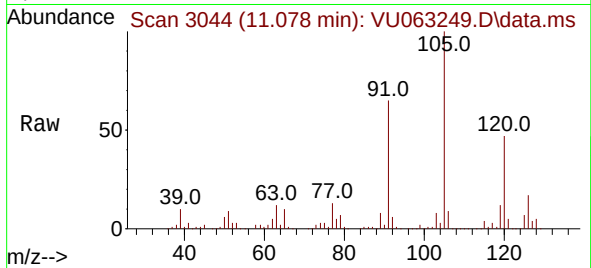




#75
1,3,5-Trimethylbenzene
Concen: 11.526 ug/l
RT: 11.078 min Scan# 3044
Delta R.T. 0.000 min
Lab File: VU063249.D
Acq: 12 Feb 2025 10:48

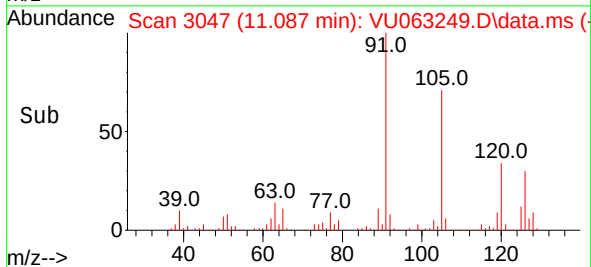
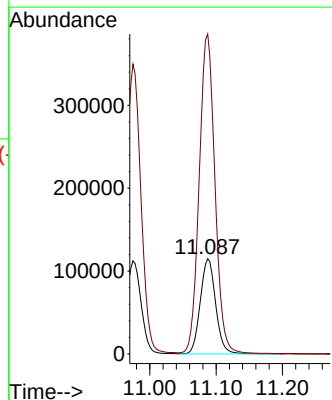
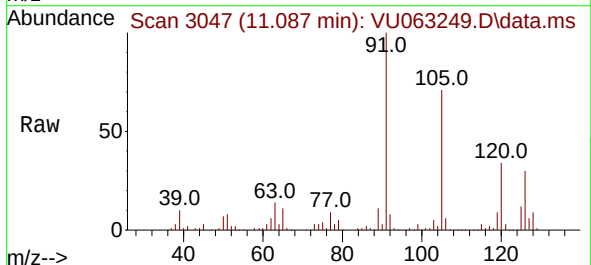
Instrument :
MSVOA_U
ClientSampleId :

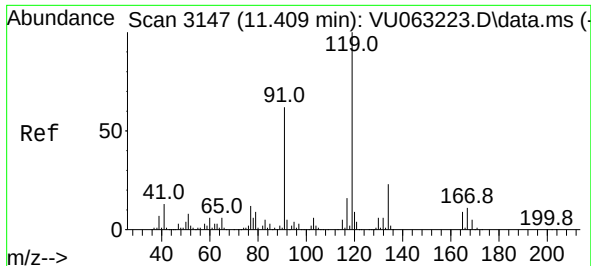
Tgt Ion:105 Resp: 641052
Ion Ratio Lower Upper
105 100
120 46.9 37.3 55.9



#76
4-Chlorotoluene
Concen: 11.371 ug/l
RT: 11.087 min Scan# 3047
Delta R.T. 0.000 min
Lab File: VU063249.D
Acq: 12 Feb 2025 10:48

Tgt Ion:126 Resp: 184692
Ion Ratio Lower Upper
126 100
91 342.8 0.0 703.6

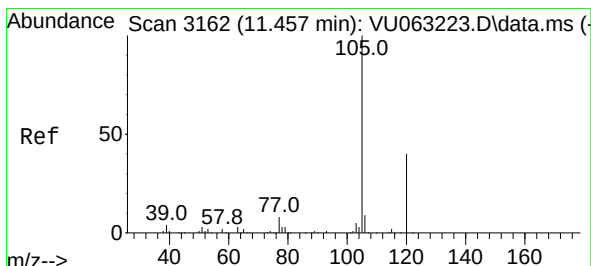
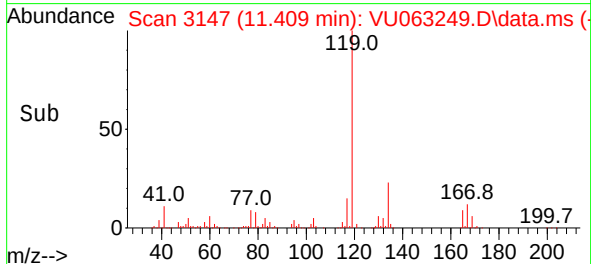
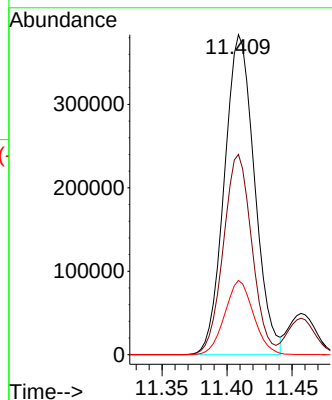
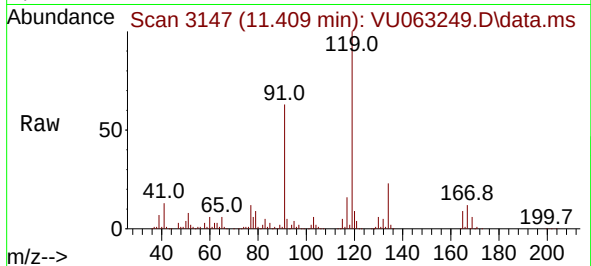




#77
tert-Butylbenzene
Concen: 11.021 ug/l
RT: 11.409 min Scan# 3147
Delta R.T. 0.000 min
Lab File: VU063249.D
Acq: 12 Feb 2025 10:48

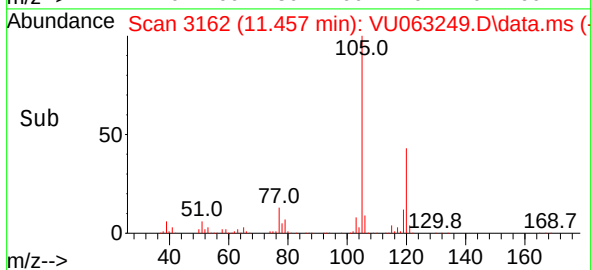
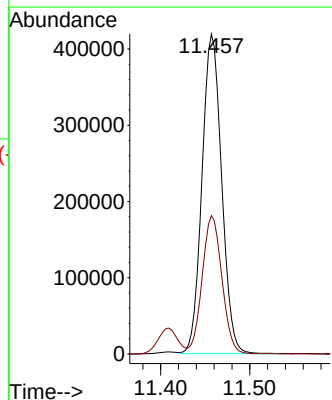
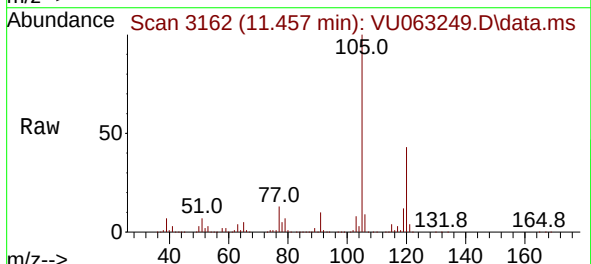
Instrument :
MSVOA_U
ClientSampleId :

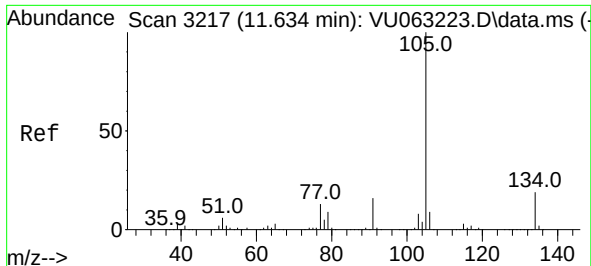
Tgt Ion:119 Resp: 619981
Ion Ratio Lower Upper
119 100
91 59.1 29.4 88.3
134 22.1 17.6 26.4



#78
1,2,4-Trimethylbenzene
Concen: 11.619 ug/l
RT: 11.457 min Scan# 3162
Delta R.T. 0.000 min
Lab File: VU063249.D
Acq: 12 Feb 2025 10:48

Tgt Ion:105 Resp: 641240
Ion Ratio Lower Upper
105 100
120 43.6 21.9 65.7





#79

sec-Butylbenzene

Concen: 11.524 ug/l

RT: 11.634 min Scan# 3217

Delta R.T. 0.000 min

Lab File: VU063249.D

Acq: 12 Feb 2025 10:48

Instrument :

MSVOA_U

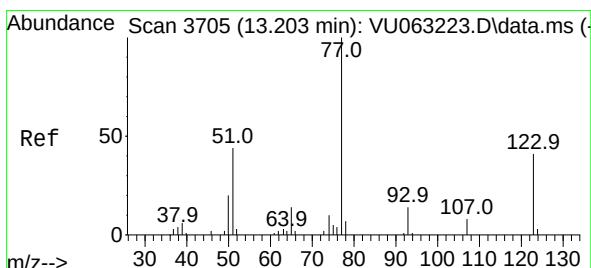
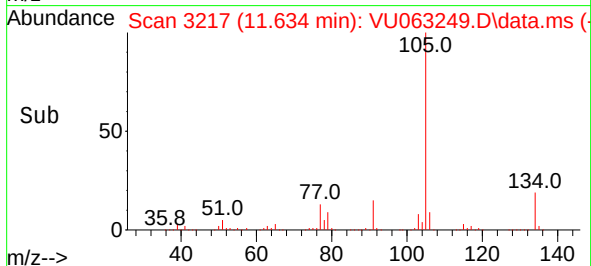
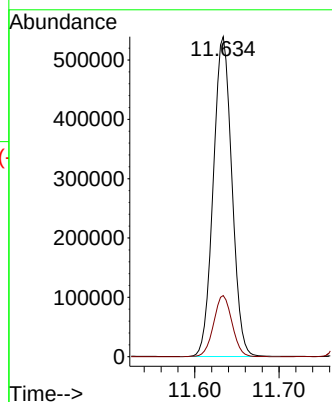
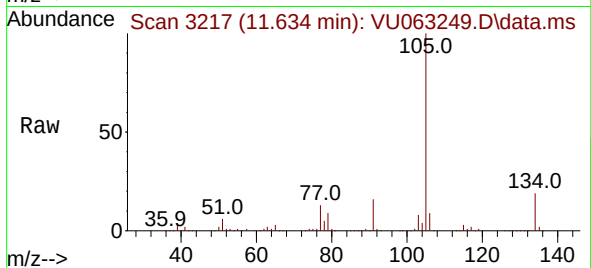
ClientSampleId :

Tgt Ion:105 Resp: 825347

Ion Ratio Lower Upper

105 100

134 19.0 15.1 22.7



#80

Nitrobenzene

Concen: 37.493 ug/l

RT: 13.203 min Scan# 3705

Delta R.T. 0.000 min

Lab File: VU063249.D

Acq: 12 Feb 2025 10:48

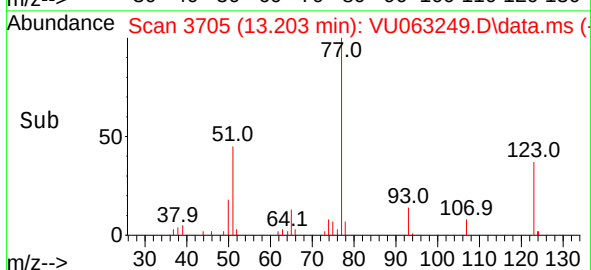
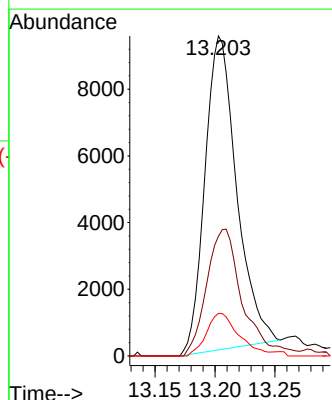
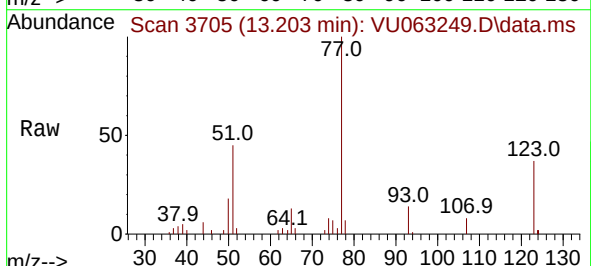
Tgt Ion: 77 Resp: 17351

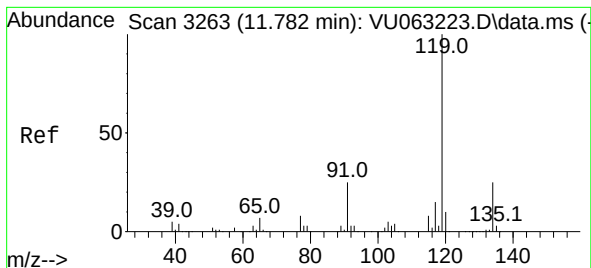
Ion Ratio Lower Upper

77 100

123 43.1 18.9 67.1

65 12.4 11.9 15.1





#81

p-Isopropyltoluene

Concen: 11.824 ug/l

RT: 11.782 min Scan# 3263

Delta R.T. 0.000 min

Lab File: VU063249.D

Acq: 12 Feb 2025 10:48

Instrument :

MSVOA_U

ClientSampleId :

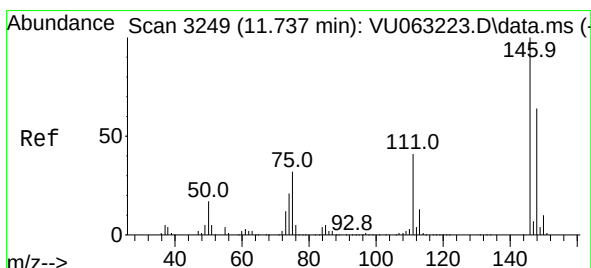
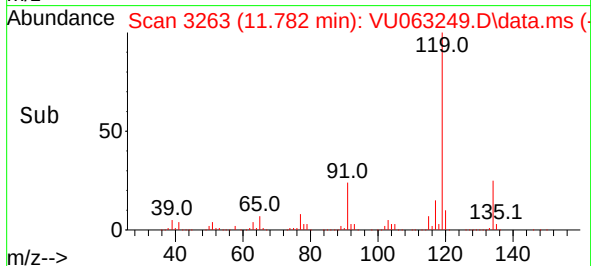
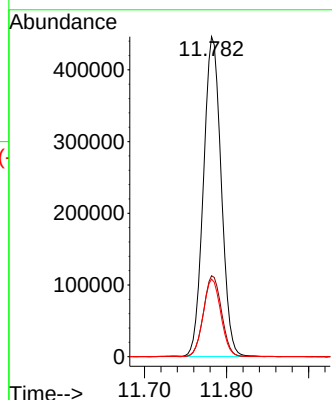
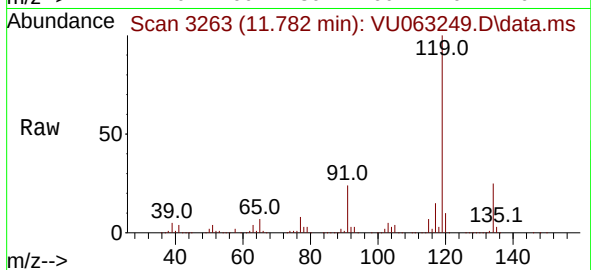
Tgt Ion:119 Resp: 668338

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: 10.689 ug/l

RT: 11.737 min Scan# 3249

Delta R.T. 0.000 min

Lab File: VU063249.D

Acq: 12 Feb 2025 10:48

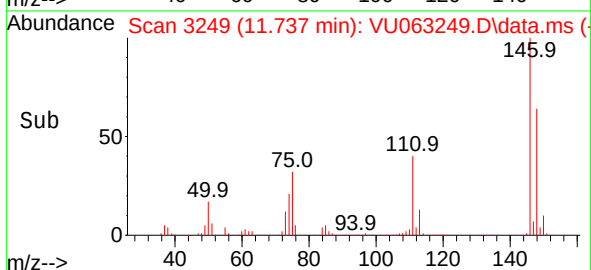
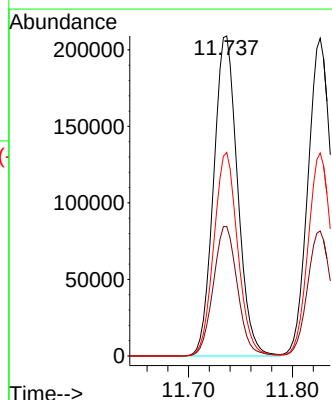
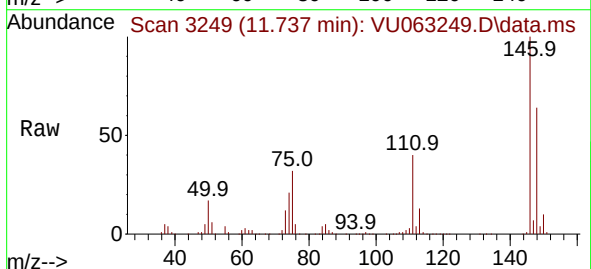
Tgt Ion:146 Resp: 335328

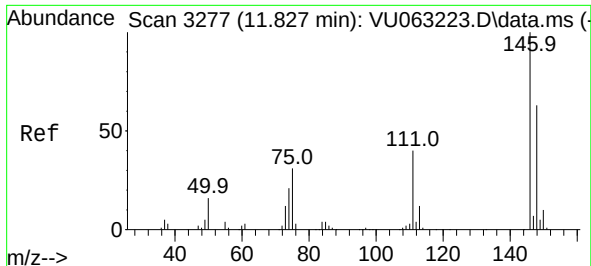
Ion Ratio Lower Upper

146 100

111 40.8 32.8 49.2

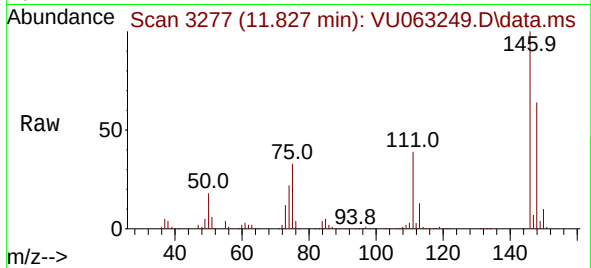
148 63.5 51.1 76.7



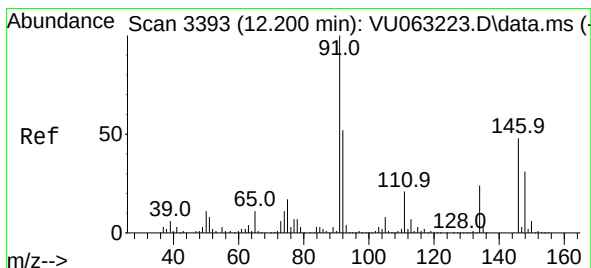
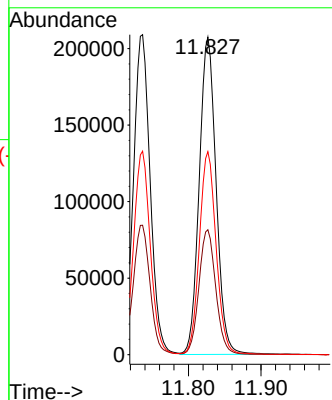
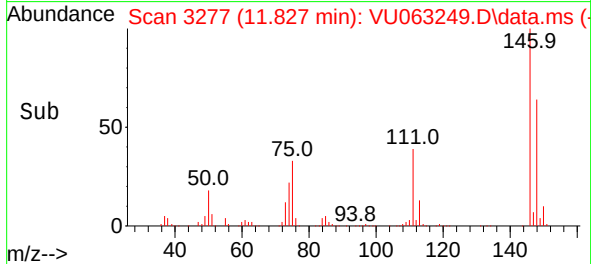


#83
1,4-Dichlorobenzene
Concen: 10.926 ug/l
RT: 11.827 min Scan# 3277
Delta R.T. 0.000 min
Lab File: VU063249.D
Acq: 12 Feb 2025 10:48

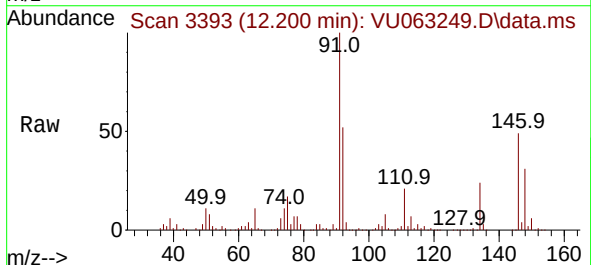
Instrument :
MSVOA_U
ClientSampleId :



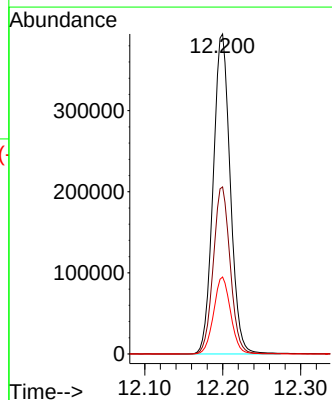
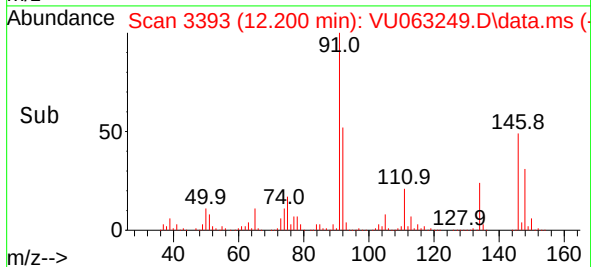
Tgt Ion:146 Resp: 335268
Ion Ratio Lower Upper
146 100
111 39.2 32.1 48.1
148 63.4 50.2 75.4

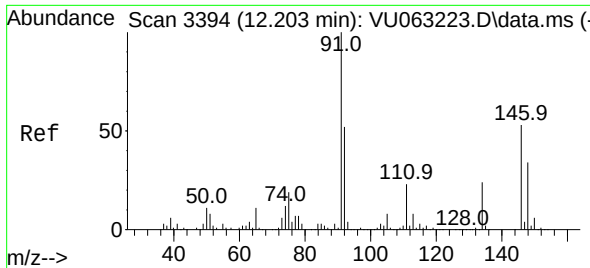


#84
n-Butylbenzene
Concen: 11.862 ug/l
RT: 12.200 min Scan# 3393
Delta R.T. 0.000 min
Lab File: VU063249.D
Acq: 12 Feb 2025 10:48



Tgt Ion: 91 Resp: 601201
Ion Ratio Lower Upper
91 100
92 51.7 41.8 62.8
134 23.8 18.6 28.0

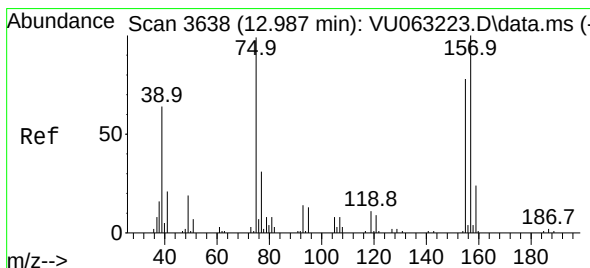
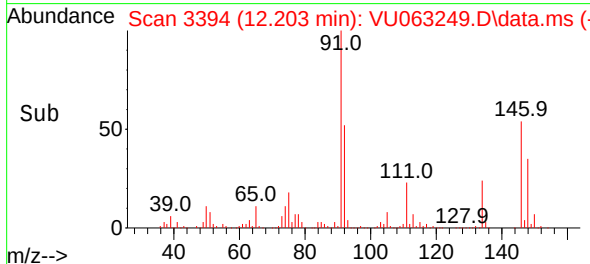
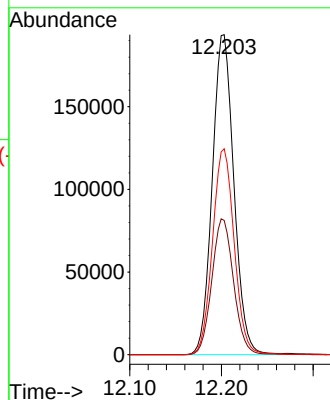
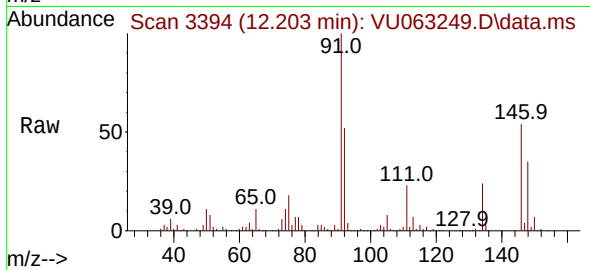




#85
 1,2-Dichlorobenzene
 Concen: 10.510 ug/l
 RT: 12.203 min Scan# 3394
 Delta R.T. 0.000 min
 Lab File: VU063249.D
 Acq: 12 Feb 2025 10:48

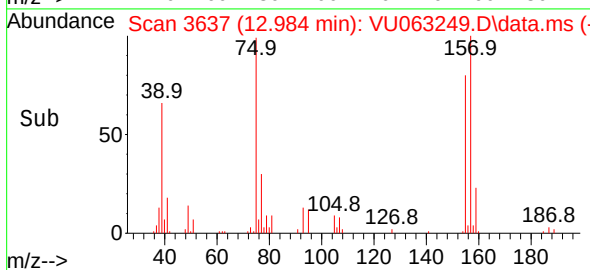
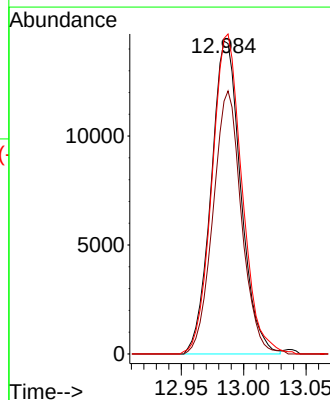
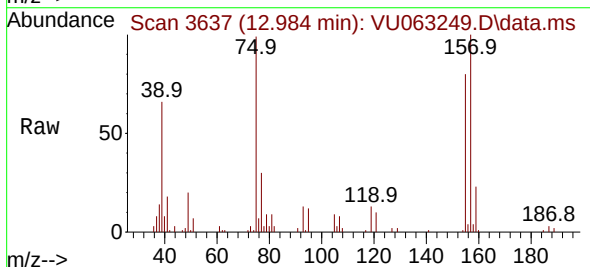
Instrument :
 MSVOA_U
 ClientSampleId :

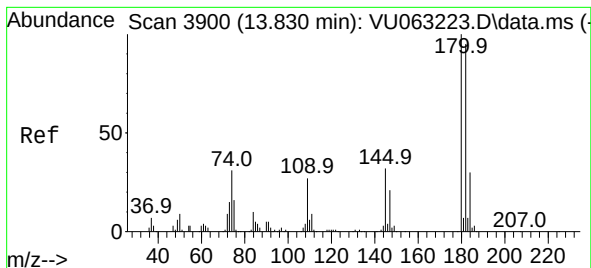
Tgt Ion:146 Resp: 316850
 Ion Ratio Lower Upper
 146 100
 111 42.9 21.9 65.7
 148 64.9 32.3 96.9



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 10.548 ug/l
 RT: 12.984 min Scan# 3637
 Delta R.T. -0.003 min
 Lab File: VU063249.D
 Acq: 12 Feb 2025 10:48

Tgt Ion: 75 Resp: 23790
 Ion Ratio Lower Upper
 75 100
 155 80.5 63.5 95.3
 157 103.4 81.8 122.6





#87

1,2,4-Trichlorobenzene

Concen: 12.143 ug/l

RT: 13.830 min Scan# 3900

Delta R.T. 0.000 min

Lab File: VU063249.D

Acq: 12 Feb 2025 10:48

Instrument :

MSVOA_U

ClientSampleId :

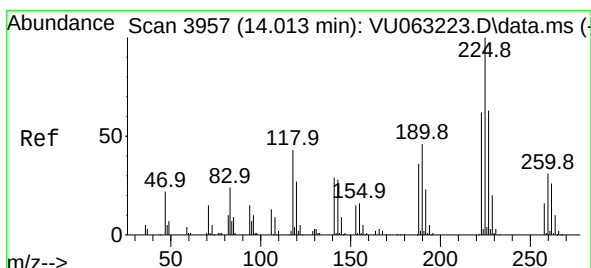
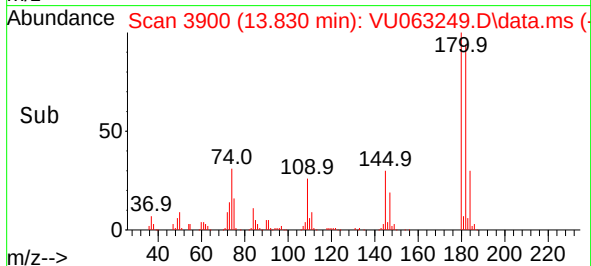
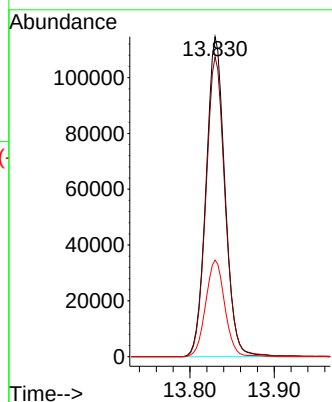
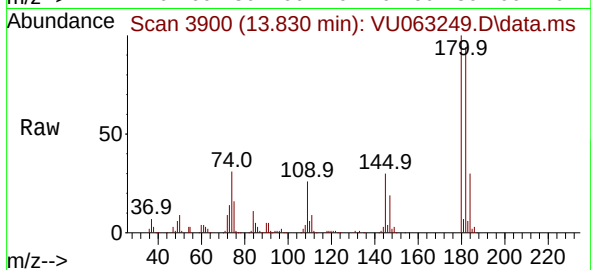
Tgt Ion:180 Resp: 178545

Ion Ratio Lower Upper

180 100

182 95.3 76.6 115.0

145 30.6 25.4 38.2



#88

Hexachlorobutadiene

Concen: 11.124 ug/l

RT: 14.010 min Scan# 3956

Delta R.T. -0.003 min

Lab File: VU063249.D

Acq: 12 Feb 2025 10:48

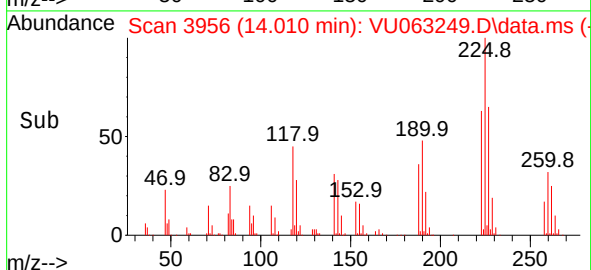
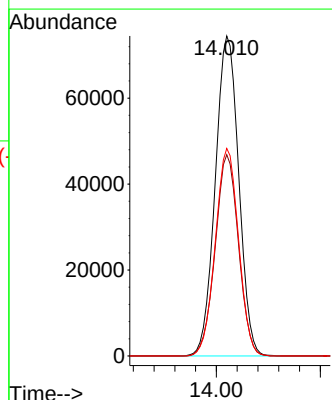
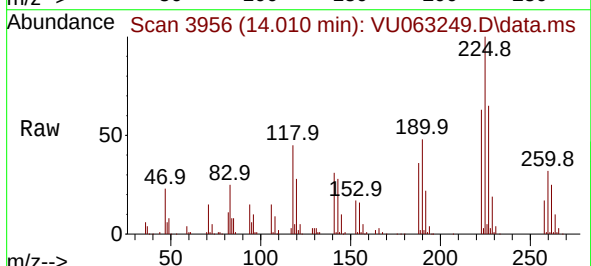
Tgt Ion:225 Resp: 116891

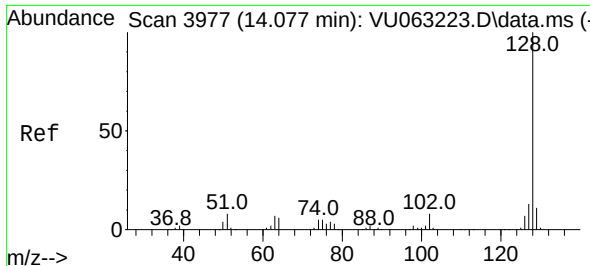
Ion Ratio Lower Upper

225 100

223 62.3 49.5 74.3

227 64.3 51.0 76.4





#89

Naphthalene

Concen: 8.979 ug/l

RT: 14.077 min Scan# 3977

Delta R.T. 0.000 min

Lab File: VU063249.D

Acq: 12 Feb 2025 10:48

Instrument :

MSVOA_U

ClientSampleId :

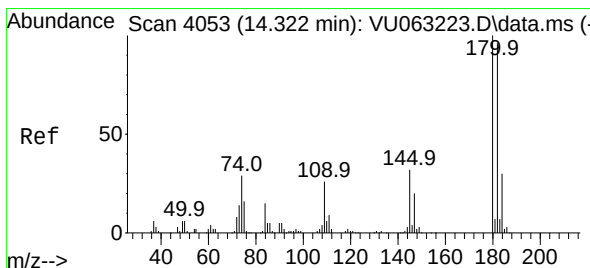
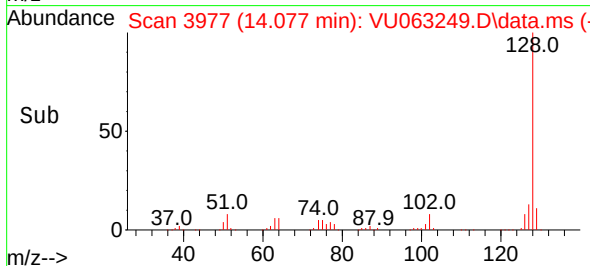
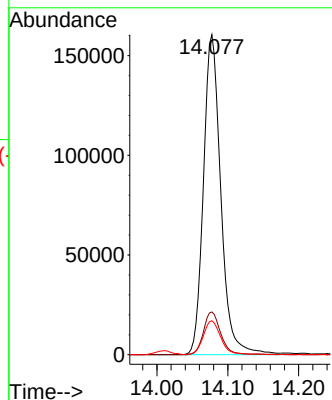
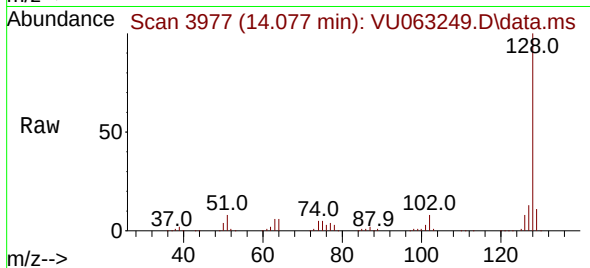
Tgt Ion:128 Resp: 273523

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

129 10.6 8.6 13.0



#90

1,2,3-Trichlorobenzene

Concen: 11.837 ug/l

RT: 14.319 min Scan# 4052

Delta R.T. -0.003 min

Lab File: VU063249.D

Acq: 12 Feb 2025 10:48

Tgt Ion:180 Resp: 170303

Ion Ratio Lower Upper

180 100

182 97.1 78.2 117.2

145 31.7 26.1 39.1

