

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021125\
 Data File : VU063246.D
 Acq On : 11 Feb 2025 19:29
 Operator : MD/SY
 Sample : Q1168-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 12 04:13:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021025DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Feb 12 04:10:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.107	96	51974	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	15706	0.916	ug/l	0.00
Spiked Amount 1.000			Recovery	=	92.000%	
68) 1,2-Dichlorobenzene-d4	12.184	152	16519	0.927	ug/l	0.00
Spiked Amount 1.000			Recovery	=	93.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	17505	1.037	ug/l	99
3) Chloromethane	1.518	50	20216	1.040	ug/l	98
4) Vinyl Chloride	1.599	62	20299	1.055	ug/l	98
5) Bromomethane	1.843	94	10530	1.120	ug/l	99
6) Chloroethane	1.923	64	12728	1.050	ug/l	97
7) Trichlorofluoromethane	2.129	101	23077	1.012	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	13388	1.034	ug/l	99
9) 1,1-Dichloroethene	2.570	96	13171	0.999	ug/l	99
10) Iodomethane	2.711	142	21268	1.026	ug/l	98
11) Allyl Chloride	2.914	41	18483	0.976	ug/l	96
12) Acrylonitrile	3.325	53	5955	1.958	ug/l	93
13) Acetone	2.618	43	11679	4.994	ug/l	97
14) Carbon Disulfide	2.782	76	45578	0.989	ug/l	98
15) Methylene Chloride	3.033	84	16716	1.026	ug/l	96
16) trans-1,2-Dichloroethene	3.345	96	15504	1.030	ug/l	97
17) 1,1-Dichloroethane	3.856	63	28786	1.015	ug/l	99
18) 2-Butanone	4.714	43	16084	4.321	ug/l	96
19) Cyclohexane	5.377	56	19597	0.860	ug/l	86
20) Methylcyclohexane	6.753	83	20763	0.919	ug/l	99
21) 2,2-Dichloropropane	4.650	77	21849	0.987	ug/l	98
22) cis-1,2-Dichloroethene	4.656	96	16607	1.021	ug/l	97
23) Diethyl Ether	2.367	59	10851	0.959	ug/l	97
24) tert-Butyl Alcohol	3.168	59	18169	13.201	ug/l #	90
25) Methyl tert-Butyl Ether	3.351	73	32254	0.979	ug/l	96
26) Bromochloromethane	4.968	128	7198	1.013	ug/l	98
27) Chloroform	5.074	83	29036	1.014	ug/l	99
28) 1,1,1-Trichloroethane	5.303	97	24100	1.039	ug/l	97
29) 1,1-Dichloropropene	5.515	75	20156	0.970	ug/l	97
30) Carbon Tetrachloride	5.512	117	19692	0.990	ug/l	96
31) Isopropyl Ether	3.978	45	39581	0.977	ug/l	97
32) Ethyl-t-butyl ether	4.486	59	35125	0.954	ug/l	98
33) Tert-Amyl methyl ether	5.930	73	30535	0.949	ug/l	98
34) Propionitrile	4.788	54	4819	4.293	ug/l #	82
35) Benzene	5.766	78	62957	0.986	ug/l	100
36) 1,2-Dichloroethane	5.785	62	18950	1.028	ug/l	99
37) Trichloroethene	6.534	130	15469	1.019	ug/l	96
38) 1,2-Dichloropropane	6.782	63	17038	1.019	ug/l	100
39) Methacrylonitrile	4.978	41	4066	0.972	ug/l #	89
40) Methyl acrylate	4.795	55	244	0.032	ug/l #	68
41) Tetrahydrofuran	5.052	42	4451	1.829	ug/l #	82
42) 1-Chlorobutane	5.447	56	27157	0.956	ug/l	98
43) Dibromomethane	6.910	93	8503	1.005	ug/l	97
44) Bromodichloromethane	7.094	83	20136	1.022	ug/l	98

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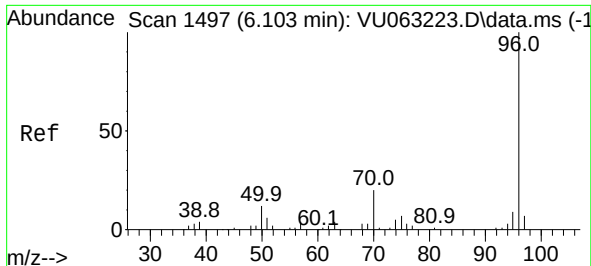
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021025DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Feb 12 04:10:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.782	43	39261	4.425	ug/l	97
46) t-1,4-Dichloro-2-butene	10.817	75	16662	3.994	ug/l #	47
47) Methyl methacrylate	6.959	69	13040	1.829	ug/l	97
48) Ethyl methacrylate	8.328	69	11801	0.882	ug/l	99
49) Toluene	7.962	92	35801	0.975	ug/l	98
50) t-1,3-Dichloropropene	8.203	75	16798	0.931	ug/l	97
51) cis-1,3-Dichloropropene	7.602	75	20404	0.916	ug/l	97
52) 1,1,2-Trichloroethane	8.389	97	11925	1.045	ug/l	96
53) 1,3-Dichloropropane	8.566	76	20040	0.989	ug/l	95
54) 2-Hexanone	8.679	43	23671	3.909	ug/l	95
55) Dibromochloromethane	8.798	129	13213	1.006	ug/l	99
56) 1,2-Dibromoethane	8.917	107	10519	0.983	ug/l	99
58) Tetrachloroethene	8.544	164	13132	1.049	ug/l	97
59) Chlorobenzene	9.441	112	38104	0.983	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.524	131	14355	1.030	ug/l	97
61) Pentachloroethane	11.415	117	11604	0.932	ug/l	99
62) Hexachloroethane	12.463	117	10423	0.947	ug/l	98
63) Ethyl Benzene	9.560	91	61150	0.915	ug/l	98
64) m/p-Xylenes	9.685	106	44567	1.785	ug/l	100
65) o-Xylene	10.090	106	21490	0.879	ug/l	93
66) Styrene	10.110	104	33754	0.868	ug/l	98
67) Bromoform	10.280	173	7121	0.956	ug/l	99
69) Isopropylbenzene	10.473	105	51435	0.895	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.772	83	14934	0.971	ug/l	98
71) 1,2,3-Trichloropropane	10.817	75	16662	1.442	ug/l #	75
72) Bromobenzene	10.775	156	15702	1.014	ug/l	96
73) n-propylbenzene	10.897	120	14495	0.881	ug/l	96
74) 2-Chlorotoluene	10.978	126	13394	0.883	ug/l	93
75) 1,3,5-Trimethylbenzene	11.077	105	45393	0.853	ug/l	99
76) 4-Chlorotoluene	11.090	126	13466	0.866	ug/l	98
77) tert-Butylbenzene	11.409	119	47780	0.887	ug/l	99
78) 1,2,4-Trimethylbenzene	11.457	105	42279	0.800	ug/l	99
79) sec-Butylbenzene	11.634	105	61994	0.904	ug/l	98
80) Nitrobenzene	13.241	77	873	2.386	ug/l #	69
81) p-Isopropyltoluene	11.782	119	45763	0.846	ug/l	99
82) 1,3-Dichlorobenzene	11.740	146	27959	0.931	ug/l	95
83) 1,4-Dichlorobenzene	11.830	146	27447	0.934	ug/l	99
84) n-Butylbenzene	12.203	91	40948	0.844	ug/l	97
85) 1,2-Dichlorobenzene	12.206	146	26866	0.931	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	12.991	75	1672	0.774	ug/l	85
87) 1,2,4-Trichlorobenzene	13.836	180	12041	0.856	ug/l	97
88) Hexachlorobutadiene	14.010	225	9405	0.935	ug/l	95
89) Naphthalene	14.087	128	17270	0.762	ug/l	94
90) 1,2,3-Trichlorobenzene	14.325	180	12281	0.892	ug/l	96

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

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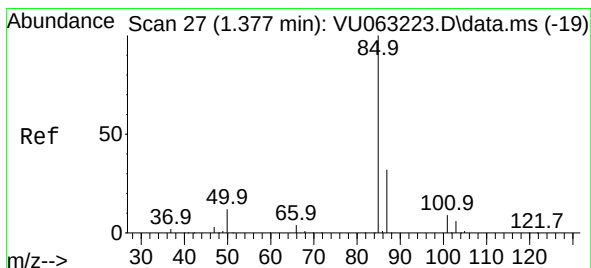
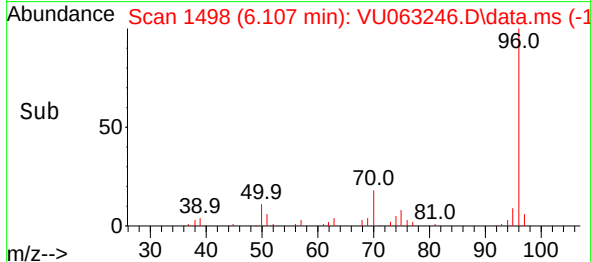
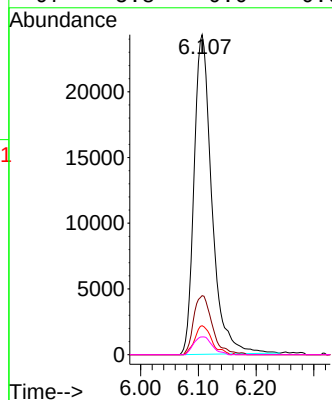
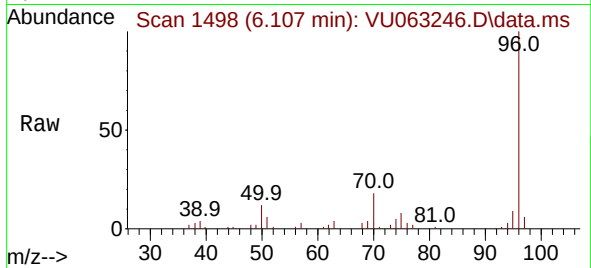


#1
 Fluorobenzene
 Concen: 1.000 ug/l
 RT: 6.107 min Scan# 14
 Delta R.T. 0.004 min
 Lab File: VU063246.D
 Acq: 11 Feb 2025 19:29

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 96 Resp: 51974

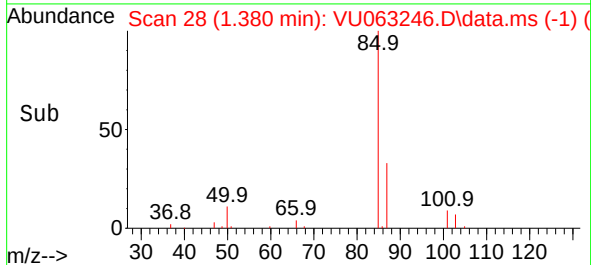
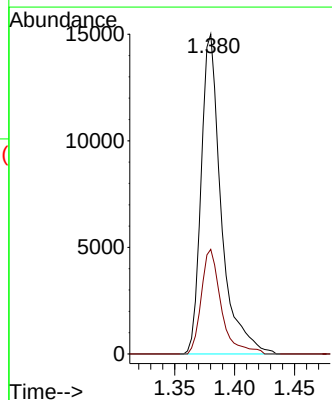
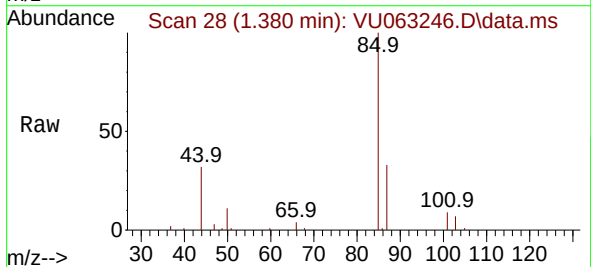
Ion	Ratio	Lower	Upper
96	100		
70	18.6	15.6	23.4
95	8.7	7.3	10.9
97	5.8	0.0	0.0

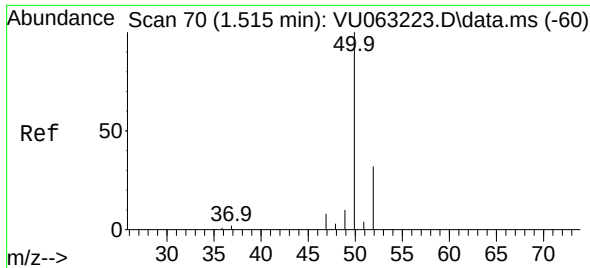


#2
 Dichlorodifluoromethane
 Concen: 1.037 ug/l
 RT: 1.380 min Scan# 28
 Delta R.T. 0.003 min
 Lab File: VU063246.D
 Acq: 11 Feb 2025 19:29

Tgt Ion: 85 Resp: 17505

Ion	Ratio	Lower	Upper
85	100		
87	32.7	16.0	48.0

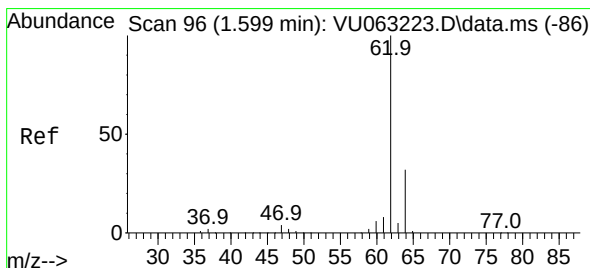
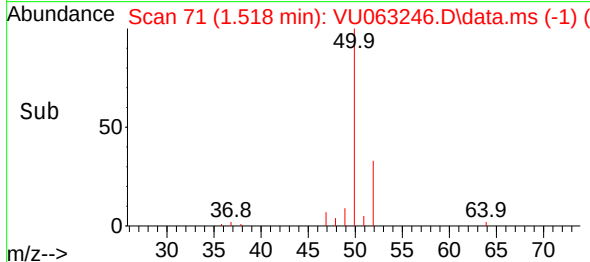
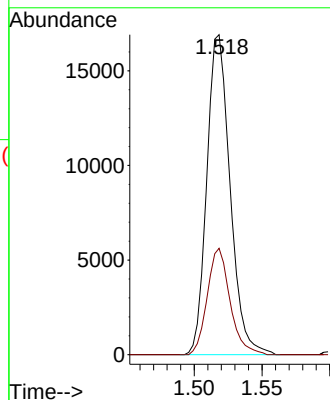
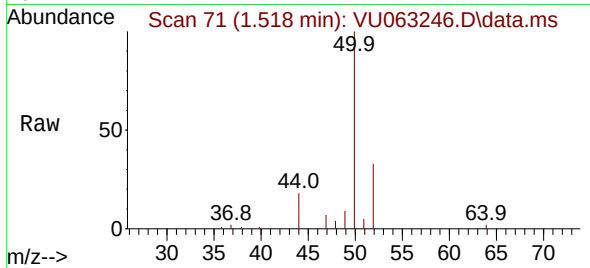




#3
Chloromethane
Concen: 1.040 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

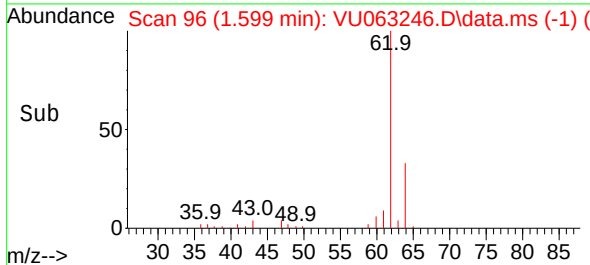
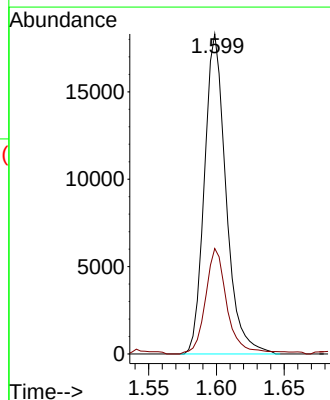
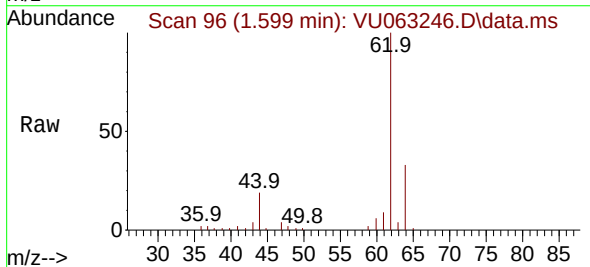
Instrument :
MSVOA_U
ClientSampleId :

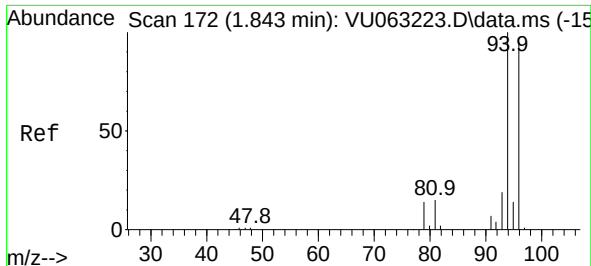
Tgt Ion: 50 Resp: 20216
Ion Ratio Lower Upper
50 100
52 33.2 25.8 38.8



#4
Vinyl Chloride
Concen: 1.055 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

Tgt Ion: 62 Resp: 20299
Ion Ratio Lower Upper
62 100
64 32.9 25.4 38.0

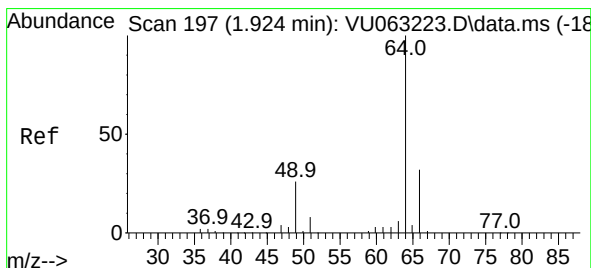
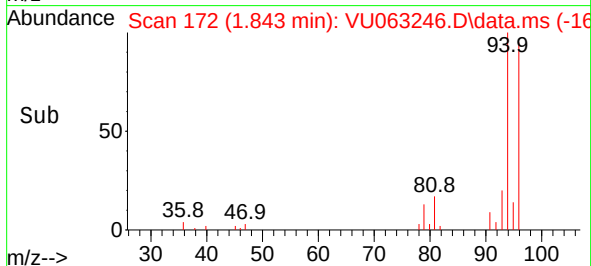
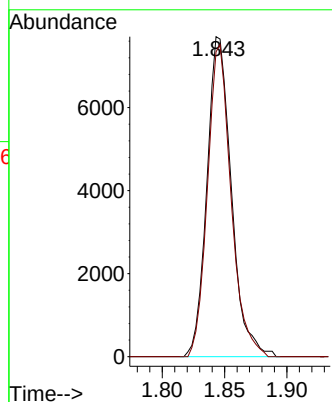
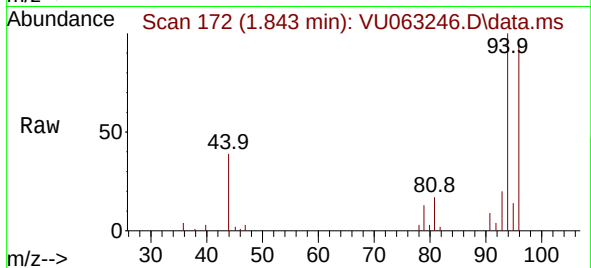




#5
Bromomethane
Concen: 1.120 ug/l
RT: 1.843 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

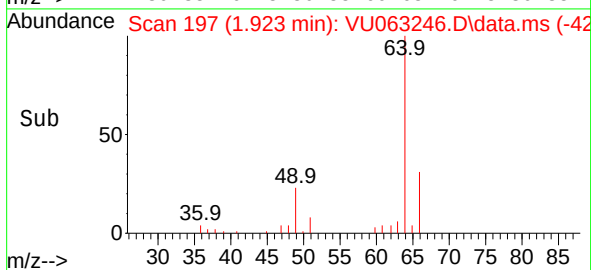
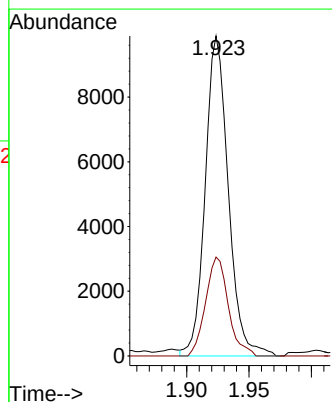
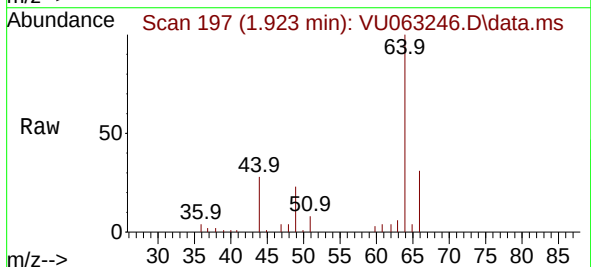
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MSVOA_U
ClientSampleId :

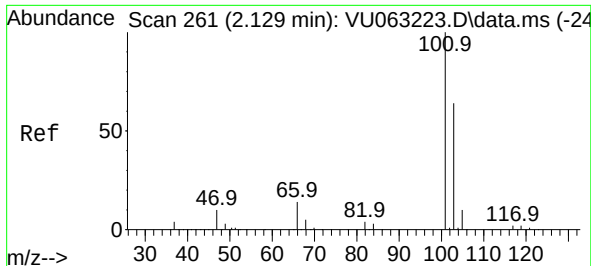
Tgt Ion: 94 Resp: 10530
Ion Ratio Lower Upper
94 100
96 95.2 75.7 113.5



#6
Chloroethane
Concen: 1.050 ug/l
RT: 1.923 min Scan# 197
Delta R.T. -0.000 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

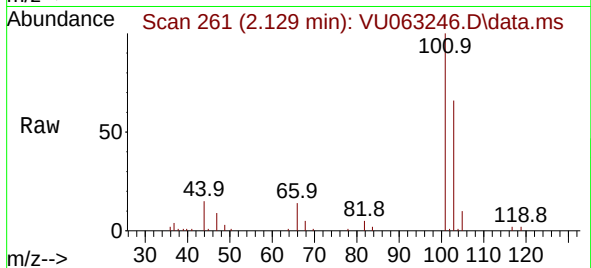
Tgt Ion: 64 Resp: 12728
Ion Ratio Lower Upper
64 100
66 30.9 25.8 38.8



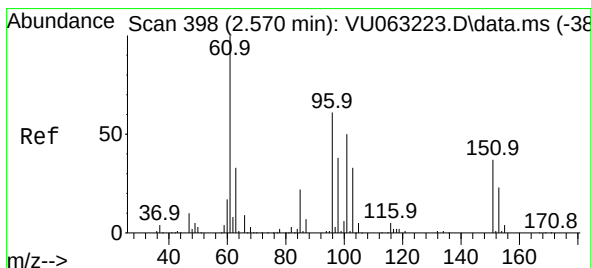
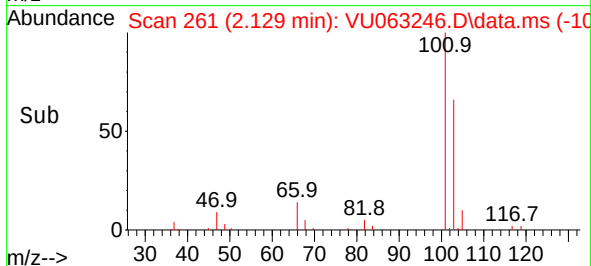
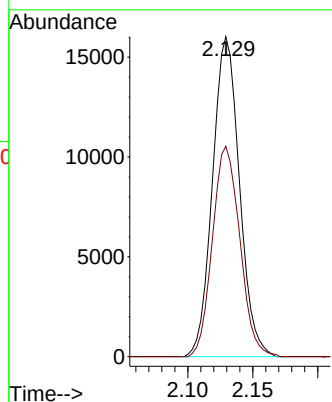


#7
 Trichlorofluoromethane
 Concen: 1.012 ug/l
 RT: 2.129 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VU063246.D
 Acq: 11 Feb 2025 19:29

Instrument :
 MSVOA_U
 ClientSampleId :

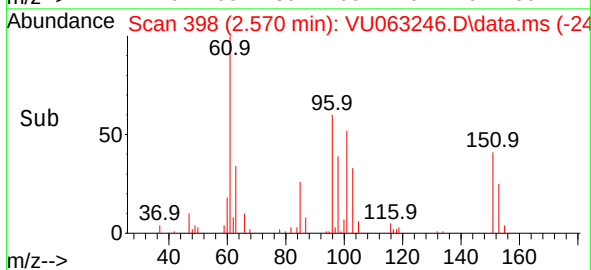
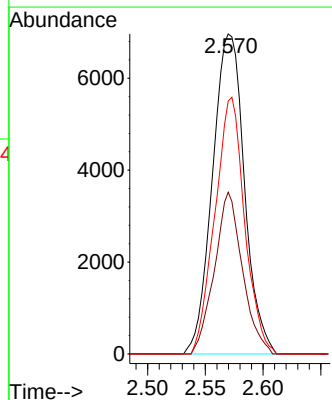
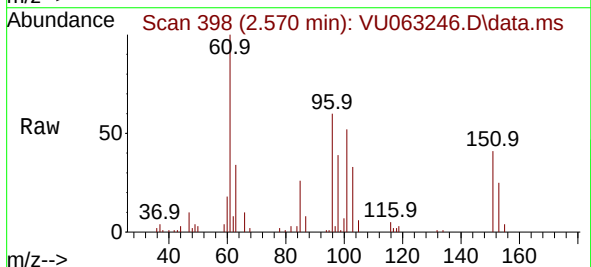


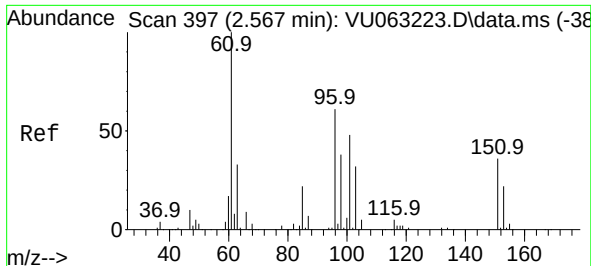
Tgt Ion:101 Resp: 23077
 Ion Ratio Lower Upper
 101 100
 103 65.7 51.4 77.2



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.034 ug/l
 RT: 2.570 min Scan# 398
 Delta R.T. -0.000 min
 Lab File: VU063246.D
 Acq: 11 Feb 2025 19:29

Tgt Ion:101 Resp: 13388
 Ion Ratio Lower Upper
 101 100
 85 44.4 35.4 53.0
 151 74.6 58.5 87.7

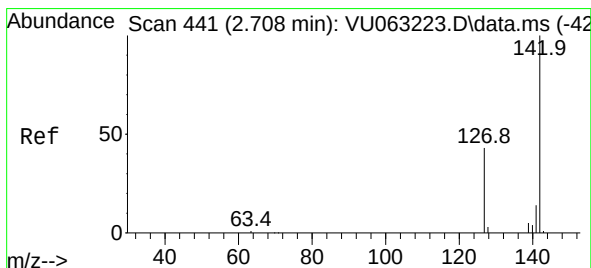
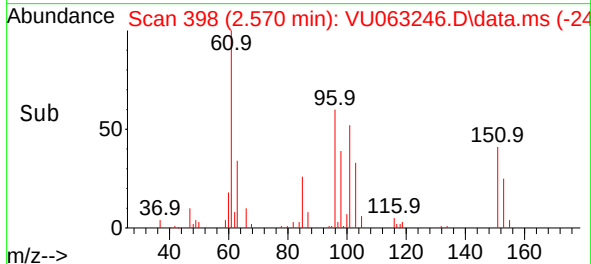
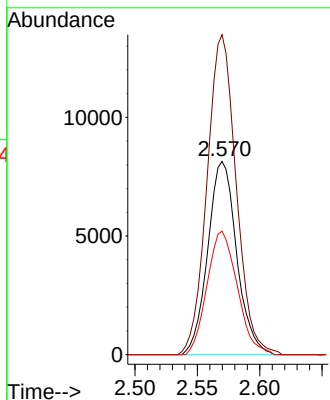
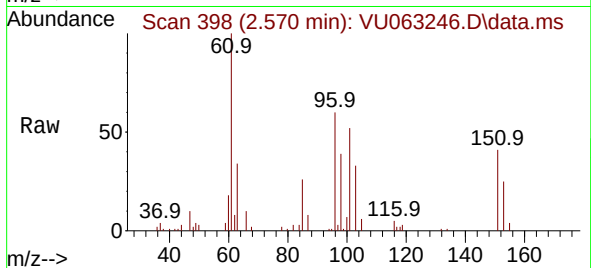




#9
1,1-Dichloroethene
Concen: 0.999 ug/l
RT: 2.570 min Scan# 397
Delta R.T. 0.003 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

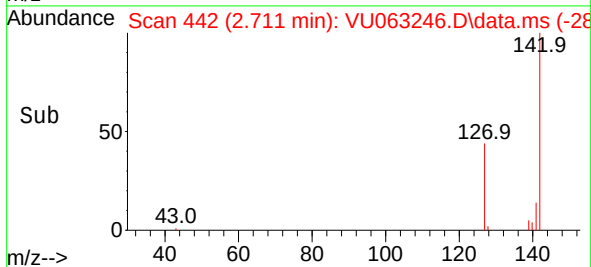
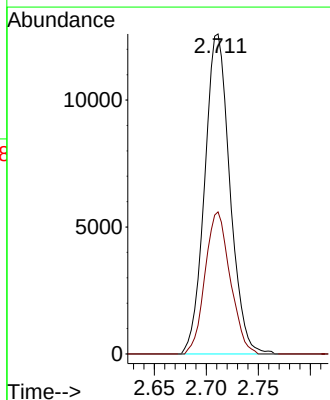
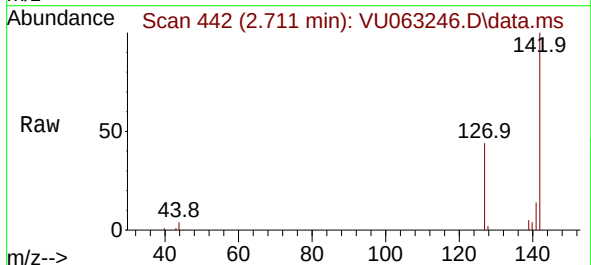
Instrument :
MSVOA_U
ClientSampleId :

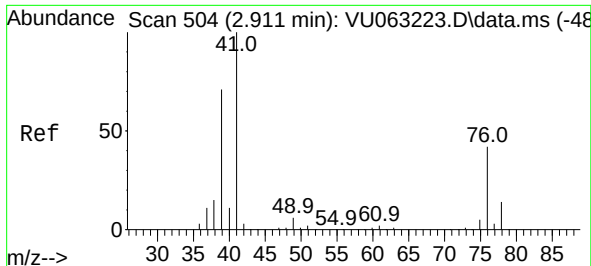
Tgt Ion: 96 Resp: 13171
Ion Ratio Lower Upper
96 100
61 165.6 0.0 492.9
98 63.9 0.0 124.0



#10
Iodomethane
Concen: 1.026 ug/l
RT: 2.711 min Scan# 442
Delta R.T. 0.003 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

Tgt Ion: 142 Resp: 21268
Ion Ratio Lower Upper
142 100
127 44.2 34.5 51.7

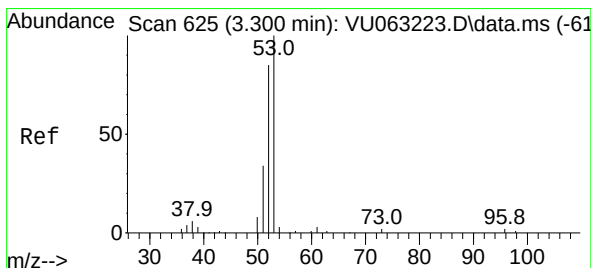
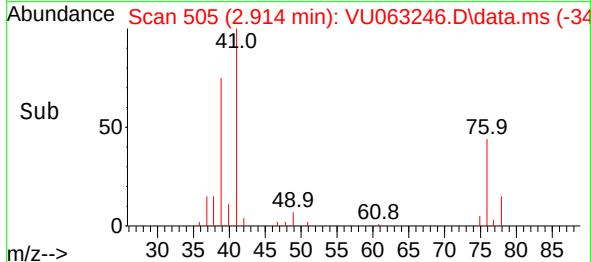
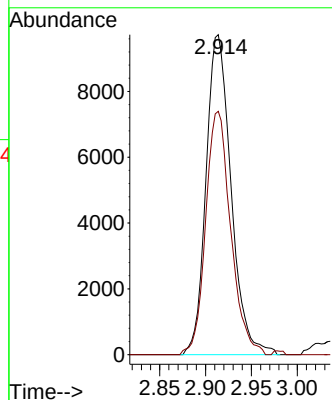
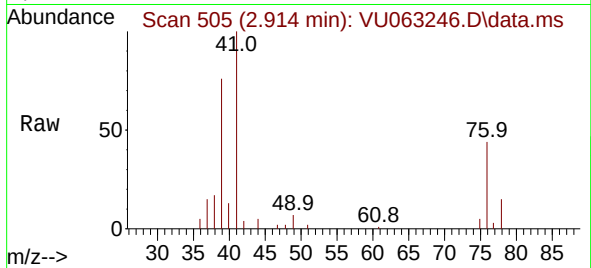




#11
 Allyl Chloride
 Concen: 0.976 ug/l
 RT: 2.914 min Scan# 504
 Delta R.T. 0.003 min
 Lab File: VU063246.D
 Acq: 11 Feb 2025 19:29

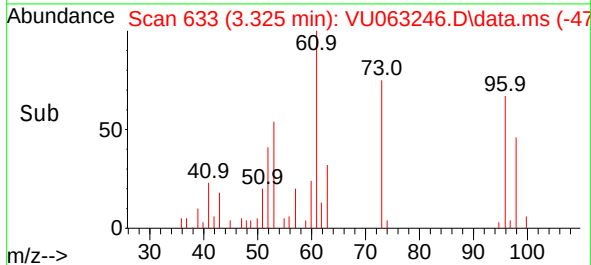
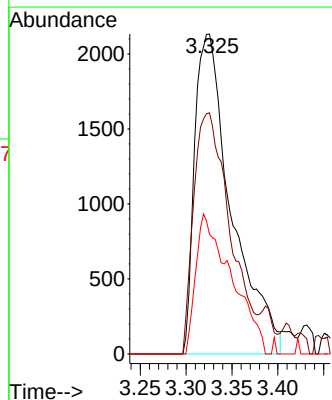
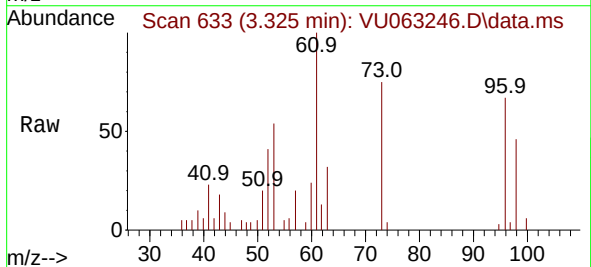
Instrument :
 MSVOA_U
 ClientSampleId :

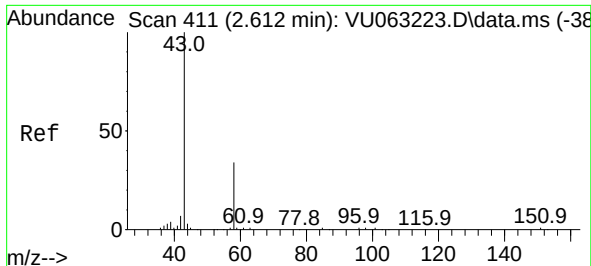
Tgt Ion: 41 Resp: 18483
 Ion Ratio Lower Upper
 41 100
 39 75.9 57.9 86.9



#12
 Acrylonitrile
 Concen: 1.958 ug/l
 RT: 3.325 min Scan# 633
 Delta R.T. 0.026 min
 Lab File: VU063246.D
 Acq: 11 Feb 2025 19:29

Tgt Ion: 53 Resp: 5955
 Ion Ratio Lower Upper
 53 100
 52 74.3 64.2 96.2
 51 42.2 30.8 46.2





#13

Acetone

Concen: 4.994 ug/l

RT: 2.618 min Scan# 411

Delta R.T. 0.006 min

Lab File: VU063246.D

Acq: 11 Feb 2025 19:29

Instrument :

MSVOA_U

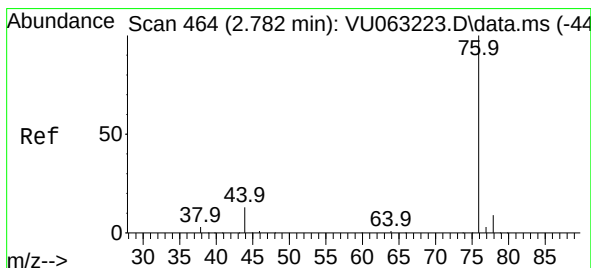
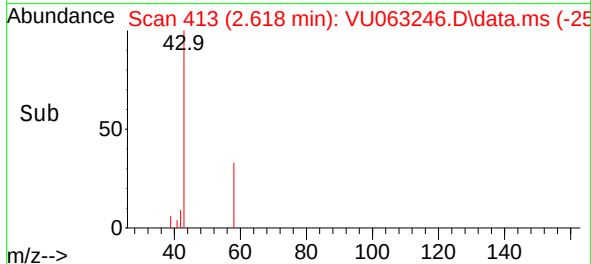
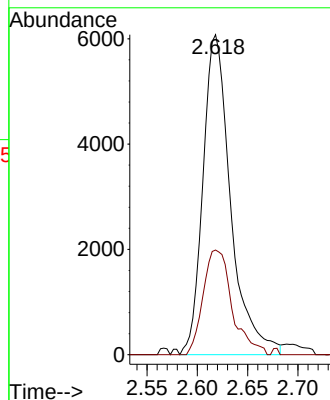
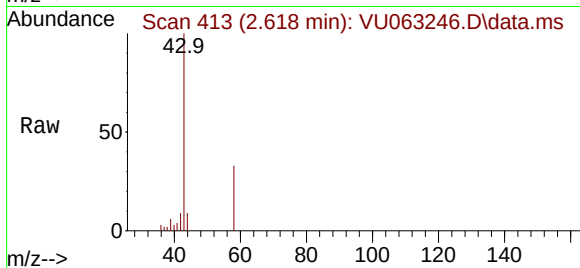
ClientSampleId :

Tgt Ion: 43 Resp: 11679

Ion Ratio Lower Upper

43 100

58 32.7 27.4 41.0



#14

Carbon Disulfide

Concen: 0.989 ug/l

RT: 2.782 min Scan# 464

Delta R.T. -0.000 min

Lab File: VU063246.D

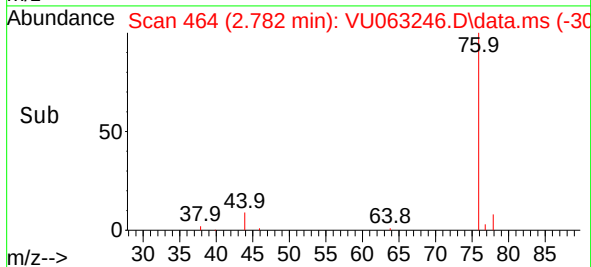
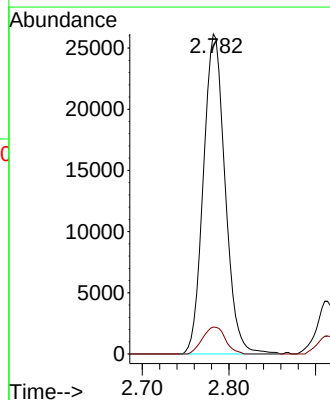
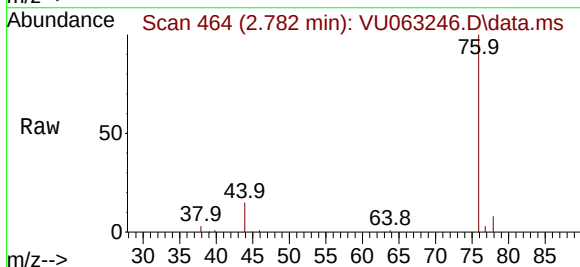
Acq: 11 Feb 2025 19:29

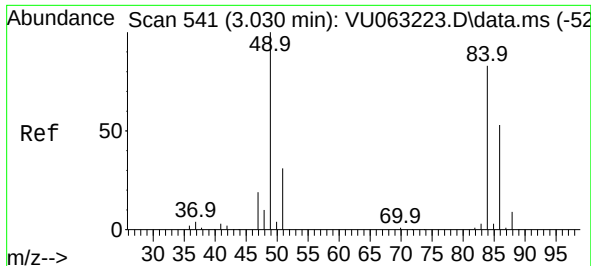
Tgt Ion: 76 Resp: 45578

Ion Ratio Lower Upper

76 100

78 8.4 7.2 10.8





#15

Methylene Chloride

Concen: 1.026 ug/l

RT: 3.033 min Scan# 541

Delta R.T. 0.003 min

Lab File: VU063246.D

Acq: 11 Feb 2025 19:29

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 84 Resp: 16716

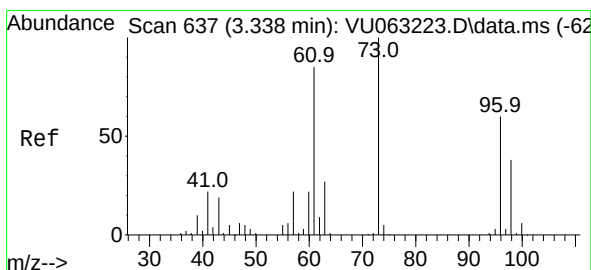
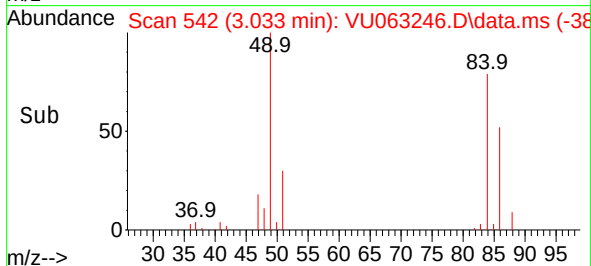
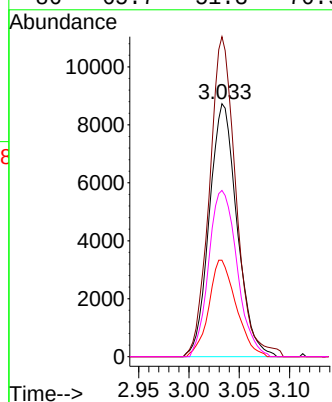
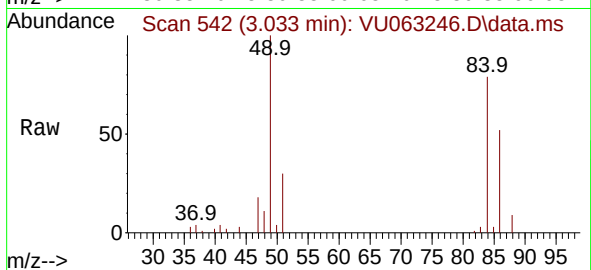
Ion Ratio Lower Upper

84 100

49 126.5 96.4 144.6

51 38.1 0.0 74.8

86 65.7 51.3 76.9



#16

trans-1,2-Dichloroethene

Concen: 1.030 ug/l

RT: 3.345 min Scan# 639

Delta R.T. 0.006 min

Lab File: VU063246.D

Acq: 11 Feb 2025 19:29

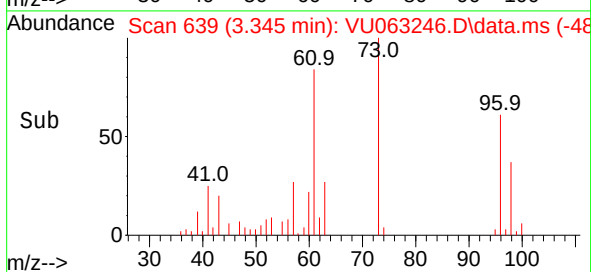
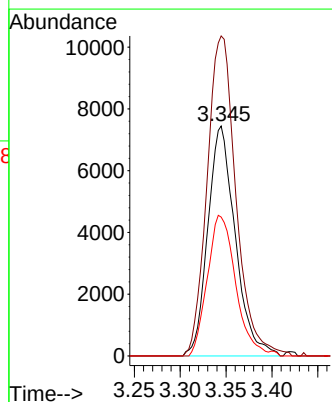
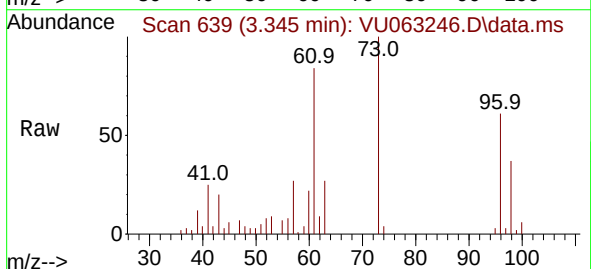
Tgt Ion: 96 Resp: 15504

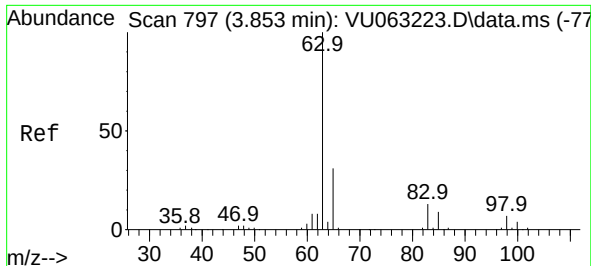
Ion Ratio Lower Upper

96 100

61 139.2 113.4 170.2

98 60.4 51.2 76.8





#17

1,1-Dichloroethane

Concen: 1.015 ug/l

RT: 3.856 min Scan# 797

Delta R.T. 0.003 min

Lab File: VU063246.D

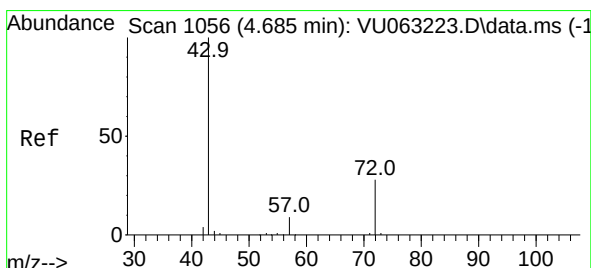
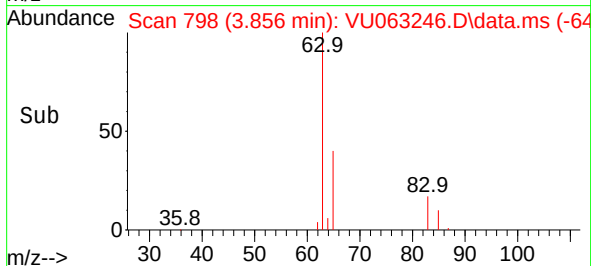
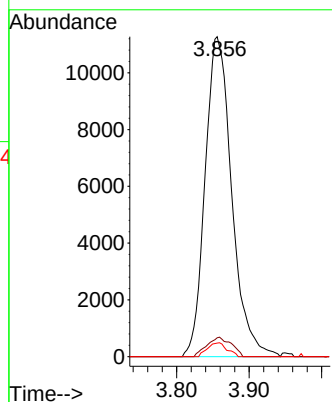
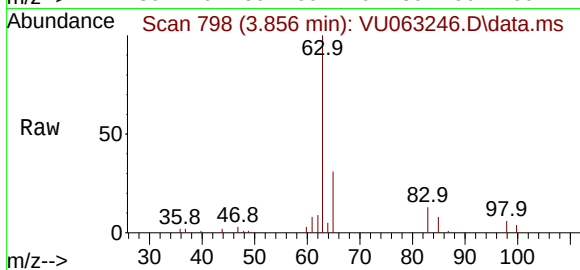
Acq: 11 Feb 2025 19:29

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 63	Resp: 28786
Ion Ratio	Lower Upper
63	100
98	5.9 3.3 9.9
100	4.3 2.1 6.2



#18

2-Butanone

Concen: 4.321 ug/l

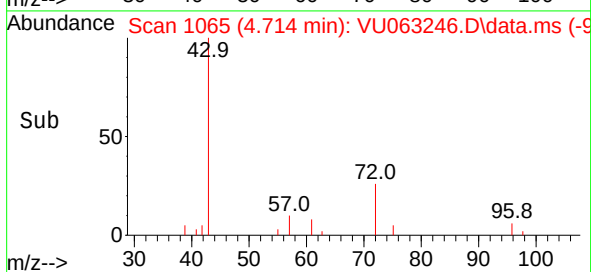
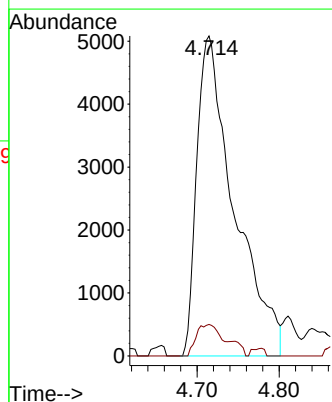
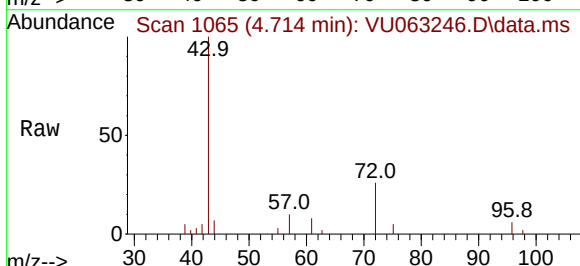
RT: 4.714 min Scan# 1065

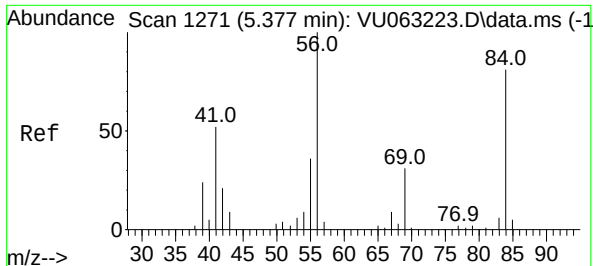
Delta R.T. 0.029 min

Lab File: VU063246.D

Acq: 11 Feb 2025 19:29

Tgt Ion: 43	Resp: 16084
Ion Ratio	Lower Upper
43	100
57	9.8 0.0 17.0

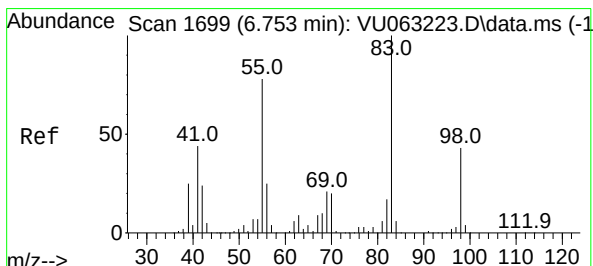
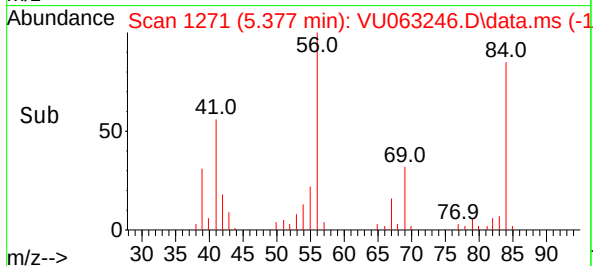
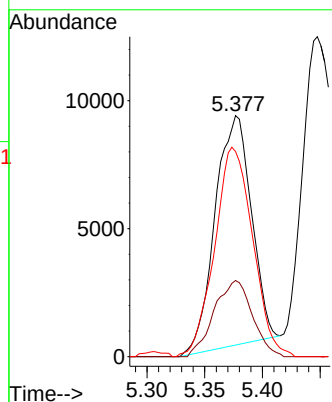
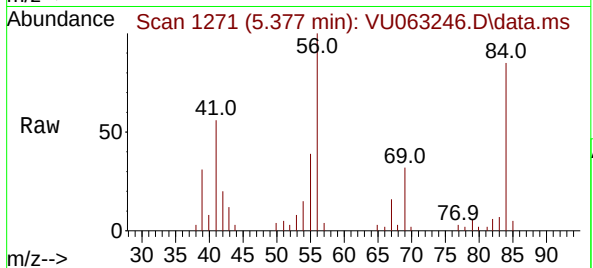




#19
Cyclohexane
Concen: 0.860 ug/l
RT: 5.377 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

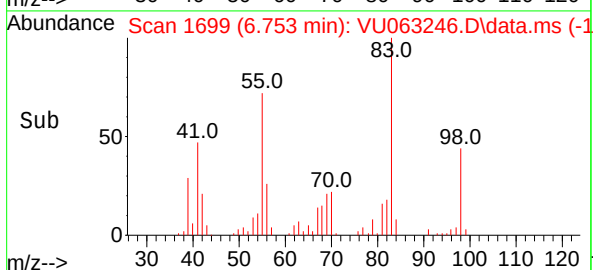
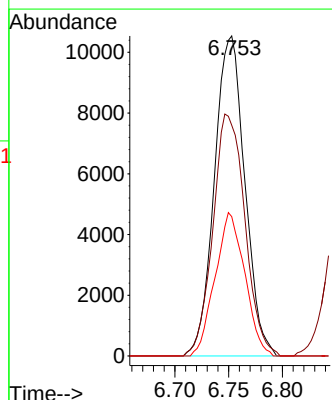
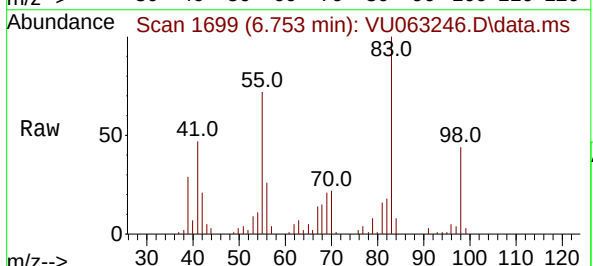
Instrument :
MSVOA_U
ClientSampleId :

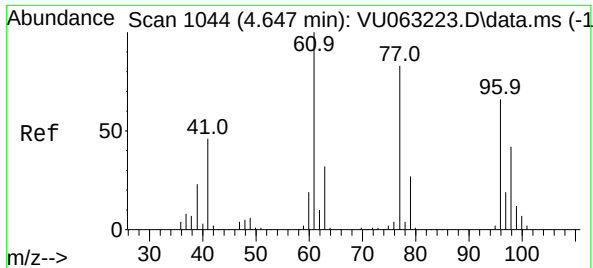
Tgt Ion:	56	Resp:	19597
Ion Ratio	Lower	Upper	
56	100		
69	34.9	24.5	36.7
84	95.8	65.2	97.8



#20
Methylcyclohexane
Concen: 0.919 ug/l
RT: 6.753 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

Tgt Ion:	83	Resp:	20763
Ion Ratio	Lower	Upper	
83	100		
55	79.4	63.1	94.7
98	43.7	35.2	52.8

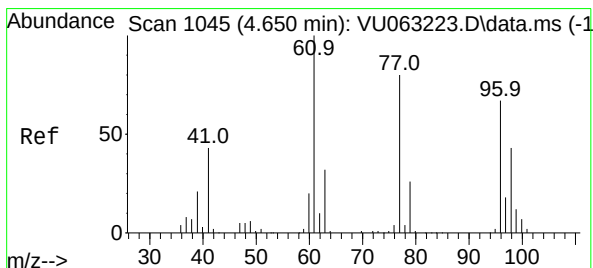
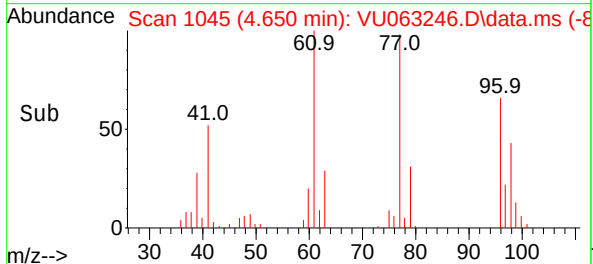
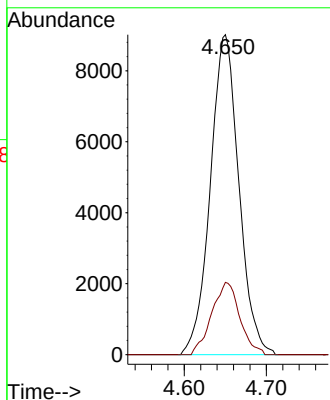
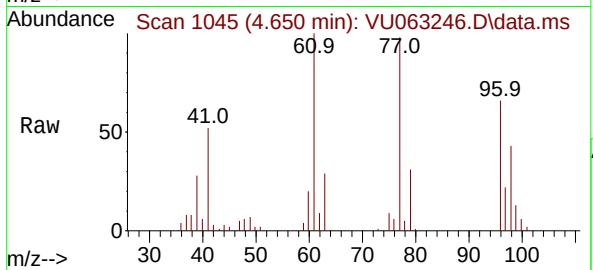




#21
2,2-Dichloropropane
Concen: 0.987 ug/l
RT: 4.650 min Scan# 1045
Delta R.T. 0.003 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

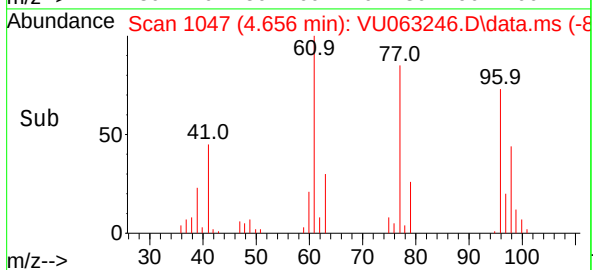
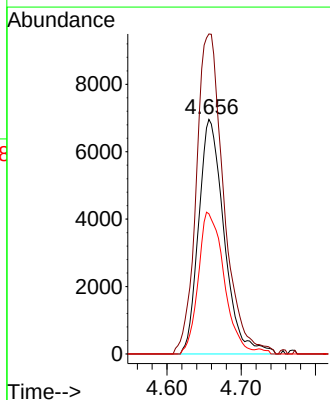
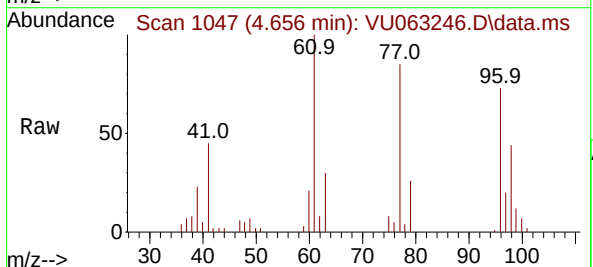
Instrument :
MSVOA_U
ClientSampleId :

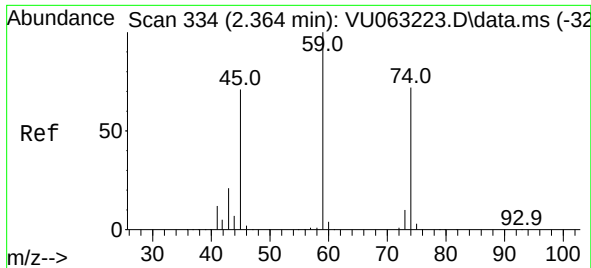
Tgt Ion: 77 Resp: 21849
Ion Ratio Lower Upper
77 100
97 22.2 18.5 27.7



#22
cis-1,2-Dichloroethene
Concen: 1.021 ug/l
RT: 4.656 min Scan# 1047
Delta R.T. 0.006 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

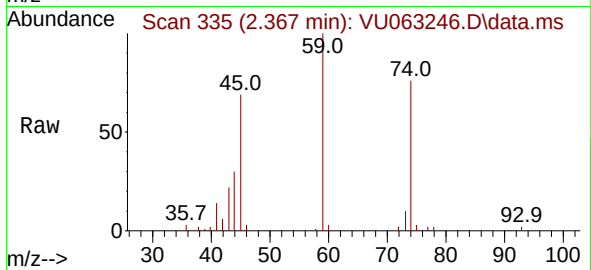
Tgt Ion: 96 Resp: 16607
Ion Ratio Lower Upper
96 100
61 146.8 0.0 373.3
98 60.8 31.9 95.9



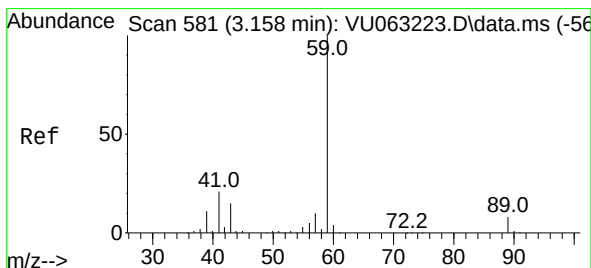
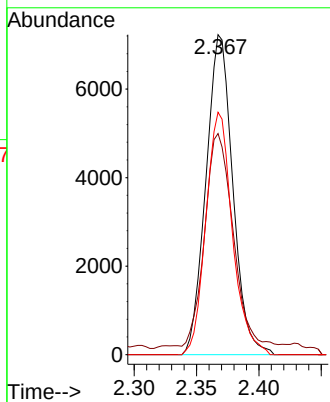
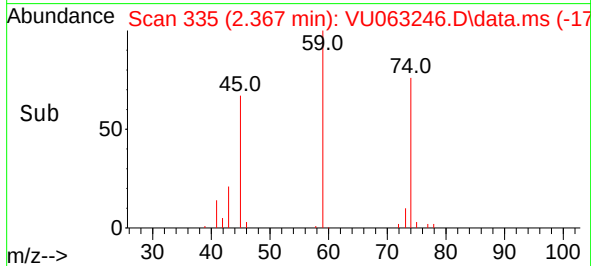


#23
Diethyl Ether
Concen: 0.959 ug/l
RT: 2.367 min Scan# 341
Delta R.T. 0.003 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

Instrument :
MSVOA_U
ClientSampleId :

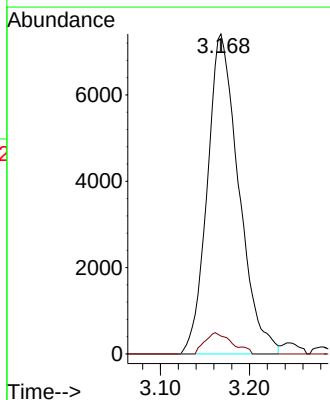
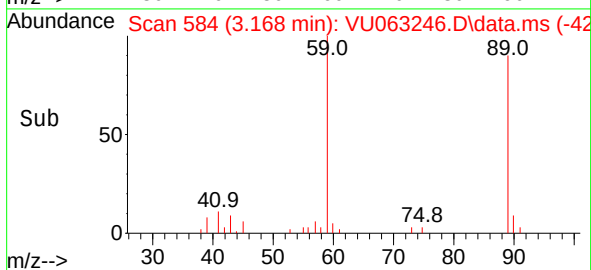
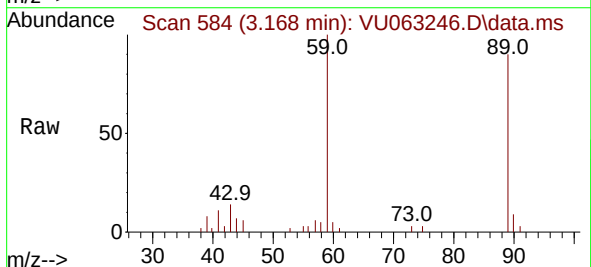


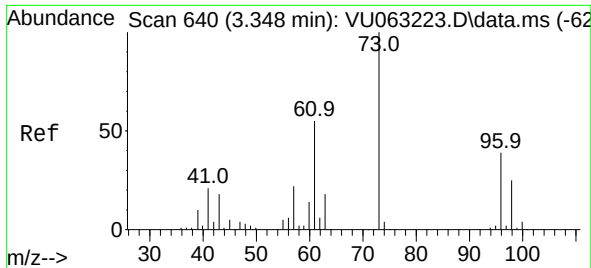
Tgt Ion: 59 Resp: 10851
Ion Ratio Lower Upper
59 100
45 69.4 57.8 86.6
74 74.8 57.7 86.5



#24
tert-Butyl Alcohol
Concen: 13.201 ug/l
RT: 3.168 min Scan# 584
Delta R.T. 0.010 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

Tgt Ion: 59 Resp: 18169
Ion Ratio Lower Upper
59 100
57 5.7 7.5 11.3#





#25

Methyl tert-Butyl Ether

Concen: 0.979 ug/l

RT: 3.351 min Scan# 641

Delta R.T. 0.003 min

Lab File: VU063246.D

Acq: 11 Feb 2025 19:29

Instrument :

MSVOA_U

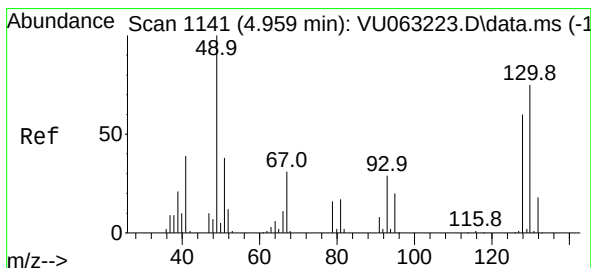
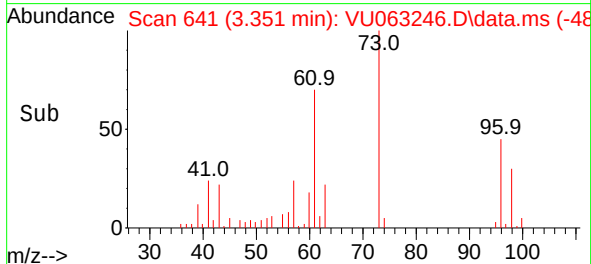
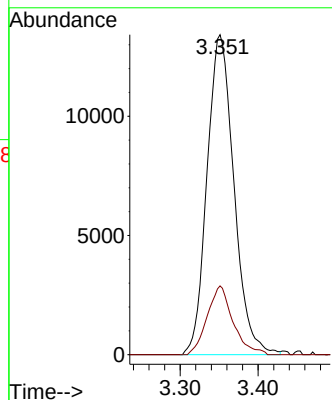
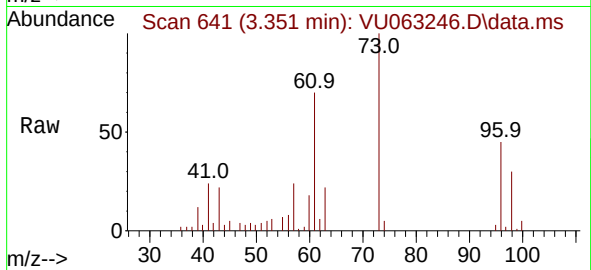
ClientSampleId :

Tgt Ion: 73 Resp: 32254

Ion Ratio Lower Upper

73 100

43 20.6 14.9 22.3



#26

Bromochloromethane

Concen: 1.013 ug/l

RT: 4.968 min Scan# 1144

Delta R.T. 0.010 min

Lab File: VU063246.D

Acq: 11 Feb 2025 19:29

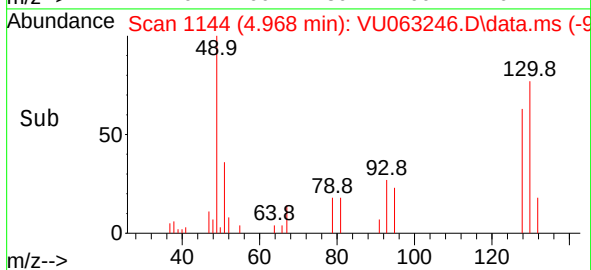
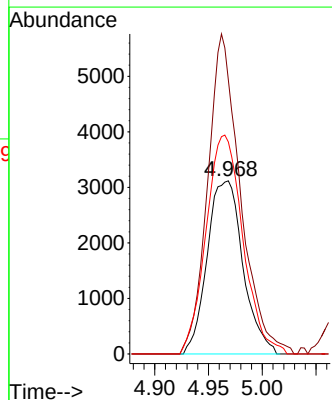
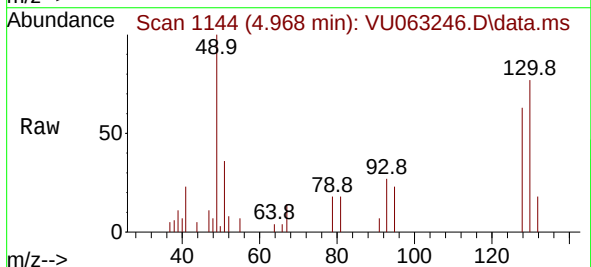
Tgt Ion: 128 Resp: 7198

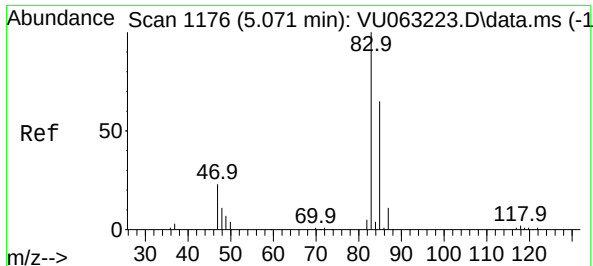
Ion Ratio Lower Upper

128 100

49 169.1 0.0 343.4

130 130.7 102.9 154.3





#27

Chloroform

Concen: 1.014 ug/l

RT: 5.074 min Scan# 1176

Delta R.T. 0.003 min

Lab File: VU063246.D

Acq: 11 Feb 2025 19:29

Instrument :

MSVOA_U

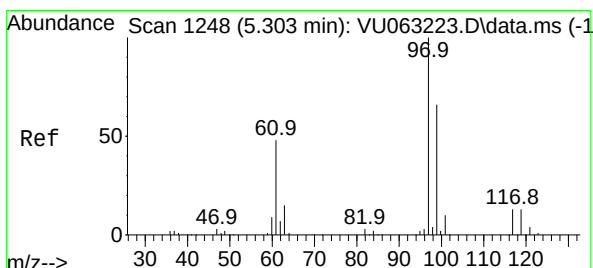
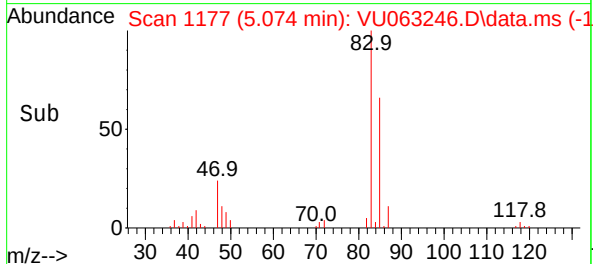
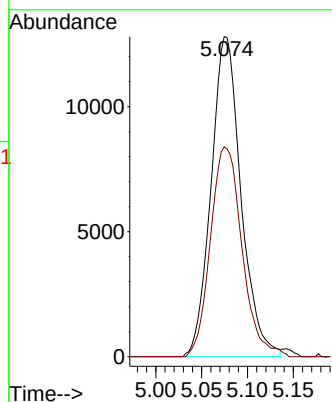
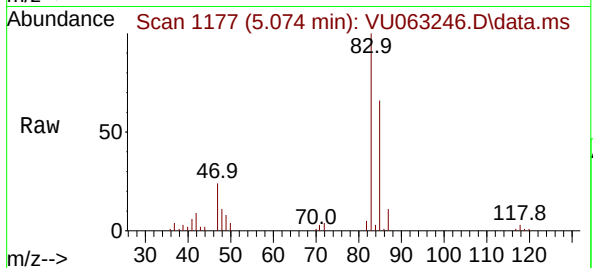
ClientSampleId :

Tgt Ion: 83 Resp: 29036

Ion Ratio Lower Upper

83 100

85 65.6 0.0 129.8



#28

1,1,1-Trichloroethane

Concen: 1.039 ug/l

RT: 5.303 min Scan# 1248

Delta R.T. -0.000 min

Lab File: VU063246.D

Acq: 11 Feb 2025 19:29

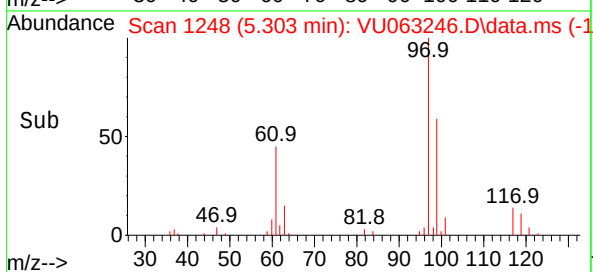
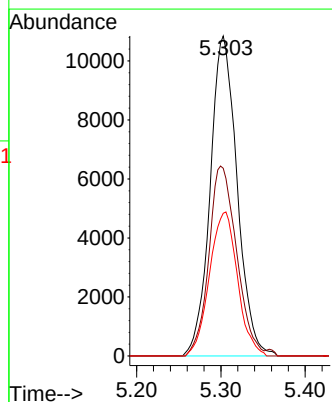
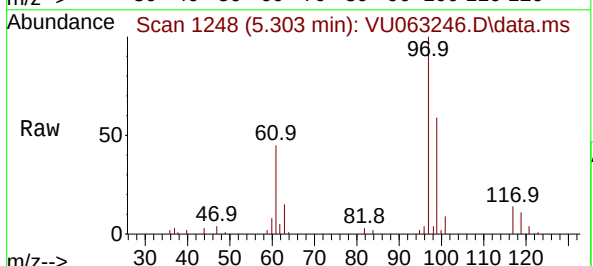
Tgt Ion: 97 Resp: 24100

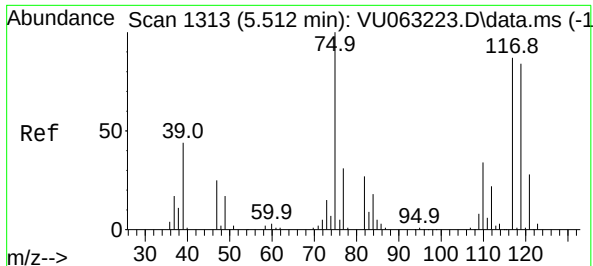
Ion Ratio Lower Upper

97 100

99 61.1 32.4 97.0

61 46.8 23.8 71.2

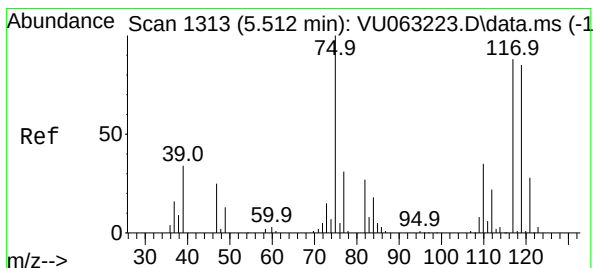
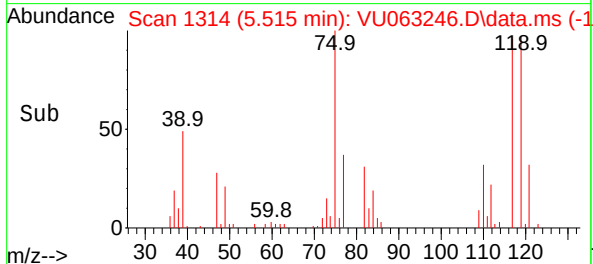
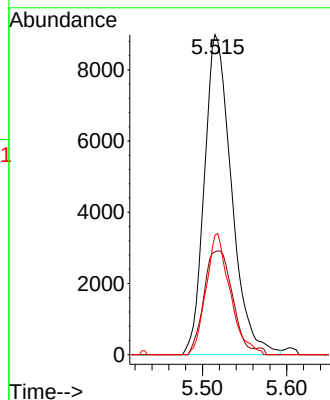
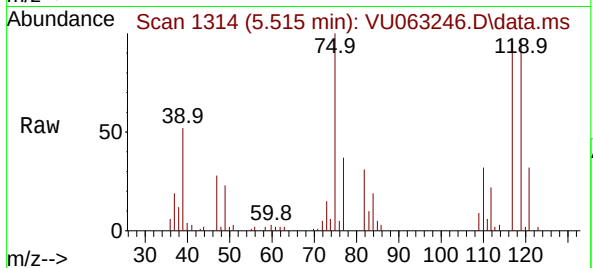




#29
1,1-Dichloropropene
Concen: 0.970 ug/l
RT: 5.515 min Scan# 1314
Delta R.T. 0.003 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

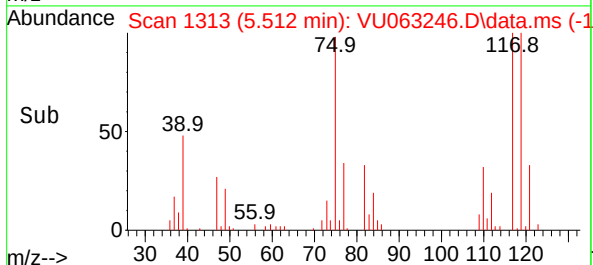
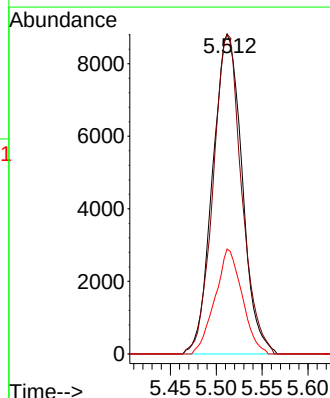
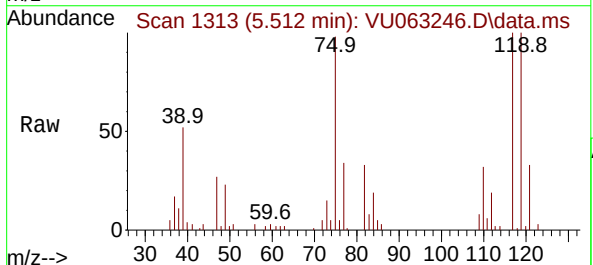
Instrument :
MSVOA_U
ClientSampleId :

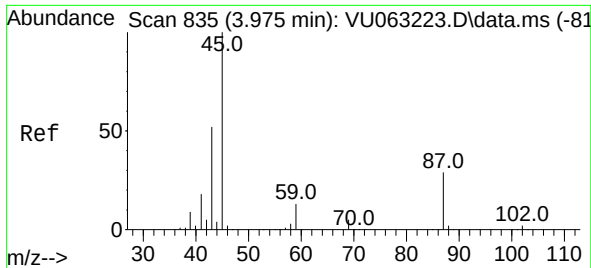
Tgt Ion: 75 Resp: 20156
Ion Ratio Lower Upper
75 100
110 34.1 17.2 51.5
77 33.5 24.6 37.0



#30
Carbon Tetrachloride
Concen: 0.990 ug/l
RT: 5.512 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

Tgt Ion:117 Resp: 19692
Ion Ratio Lower Upper
117 100
119 100.1 76.7 115.1
121 32.8 25.5 38.3

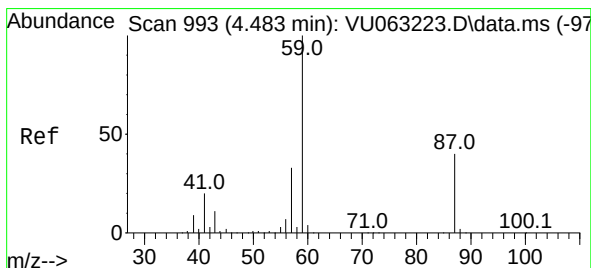
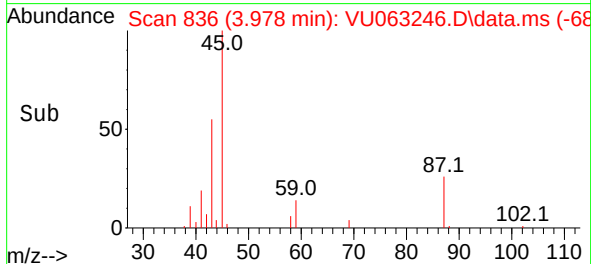
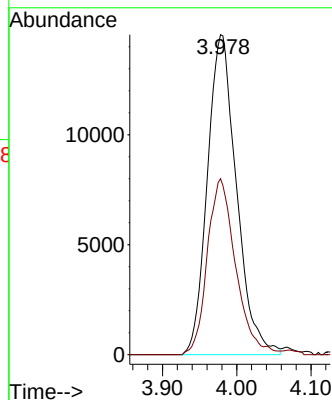
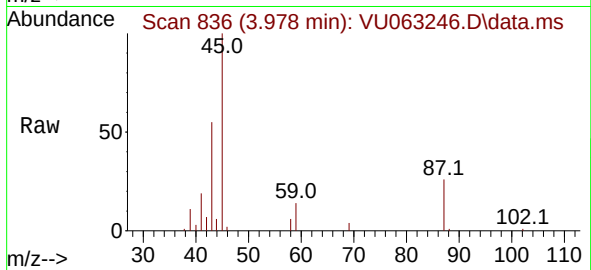




#31
Isopropyl Ether
Concen: 0.977 ug/l
RT: 3.978 min Scan# 836
Delta R.T. 0.003 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

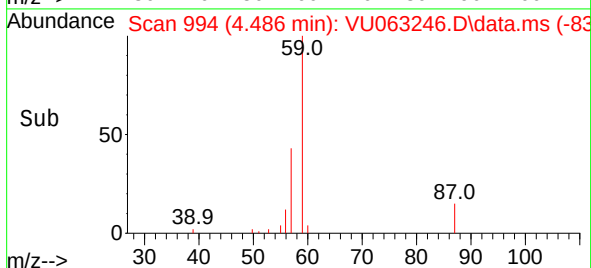
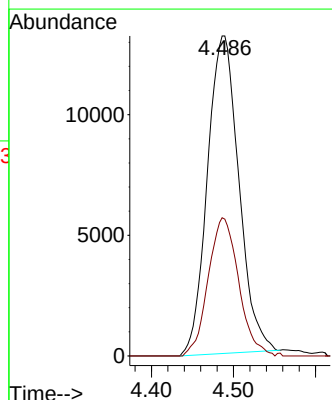
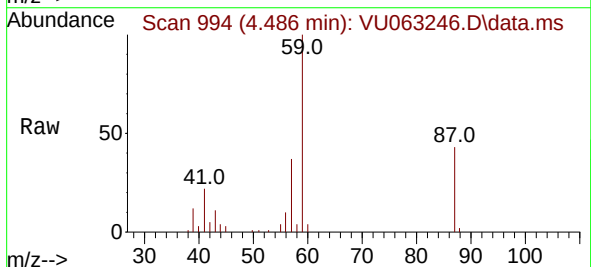
Instrument :
MSVOA_U
ClientSampleId :

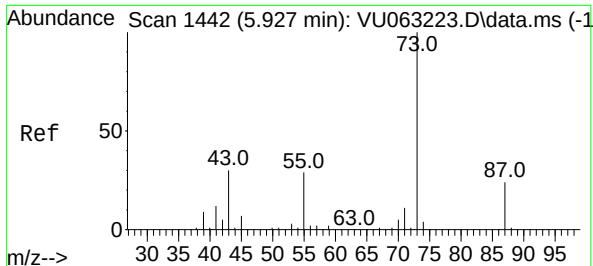
Tgt Ion: 45 Resp: 39581
Ion Ratio Lower Upper
45 100
43 53.6 25.7 77.1



#32
Ethyl-t-butyl ether
Concen: 0.954 ug/l
RT: 4.486 min Scan# 994
Delta R.T. 0.003 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

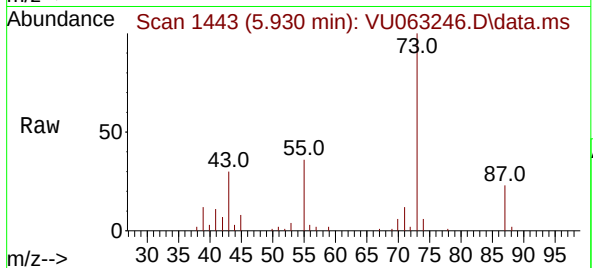
Tgt Ion: 59 Resp: 35125
Ion Ratio Lower Upper
59 100
87 42.1 32.6 49.0



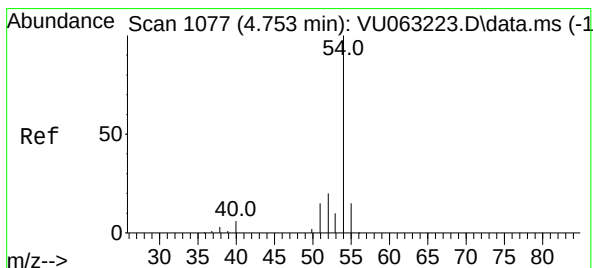
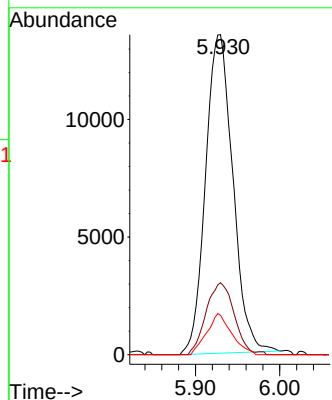
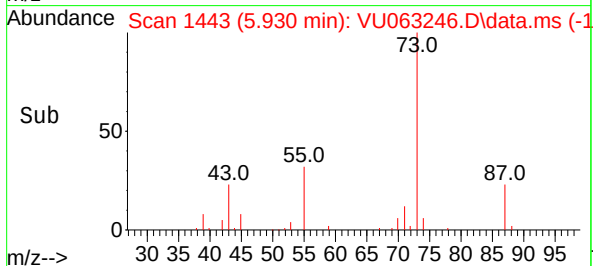


#33
Tert-Amyl methyl ether
Concen: 0.949 ug/l
RT: 5.930 min Scan# 1442
Delta R.T. 0.003 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

Instrument :
MSVOA_U
ClientSampleId :

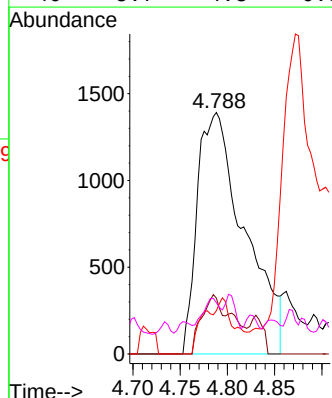
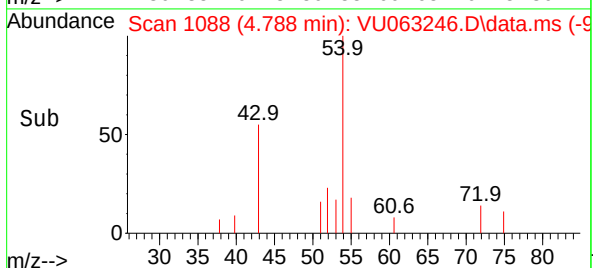
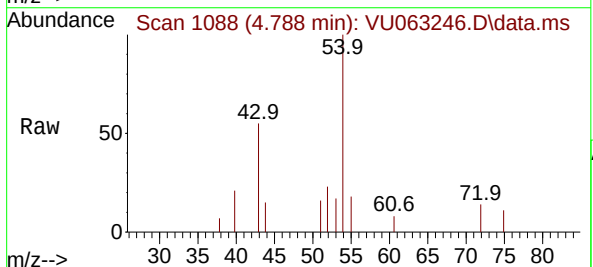


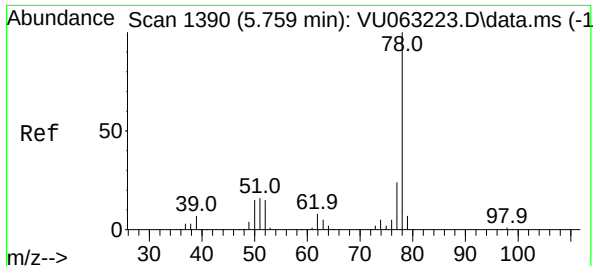
Tgt Ion: 73 Resp: 30535
Ion Ratio Lower Upper
73 100
87 22.3 18.9 28.3
71 11.7 9.0 13.4



#34
Propionitrile
Concen: 4.293 ug/l
RT: 4.788 min Scan# 1088
Delta R.T. 0.035 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

Tgt Ion: 54 Resp: 4819
Ion Ratio Lower Upper
54 100
52 10.9 16.3 24.5#
55 5.8 11.8 17.6#
40 5.7 4.3 6.5





#35

Benzene

Concen: 0.986 ug/l

RT: 5.766 min Scan# 1392

Delta R.T. 0.006 min

Lab File: VU063246.D

Acq: 11 Feb 2025 19:29

Instrument :

MSVOA_U

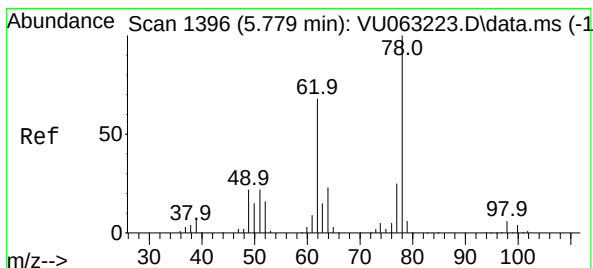
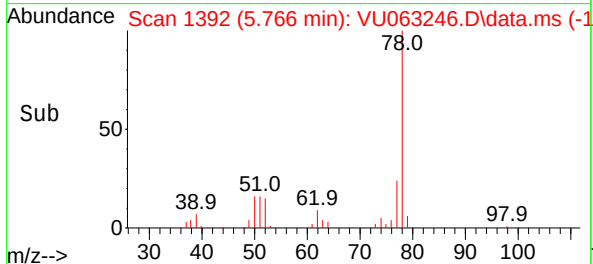
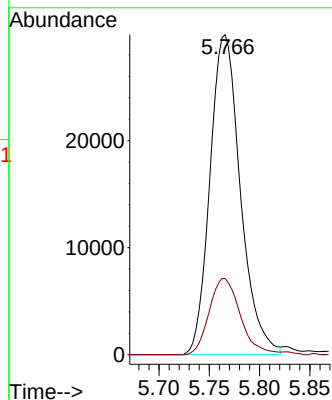
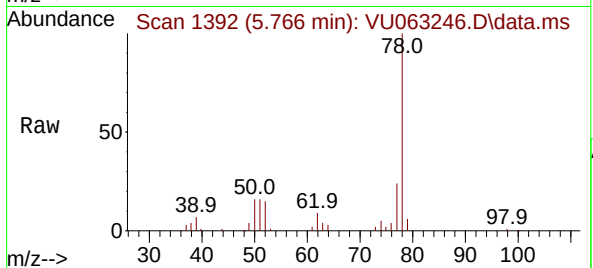
ClientSampleId :

Tgt Ion: 78 Resp: 62957

Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.4



#36

1,2-Dichloroethane

Concen: 1.028 ug/l

RT: 5.785 min Scan# 1398

Delta R.T. 0.006 min

Lab File: VU063246.D

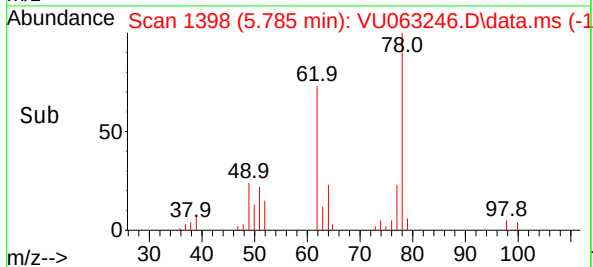
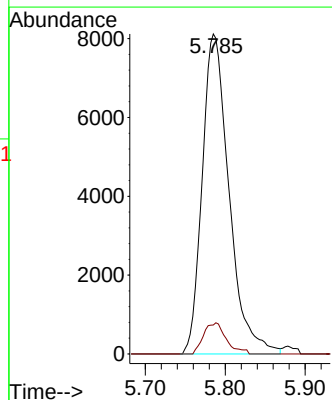
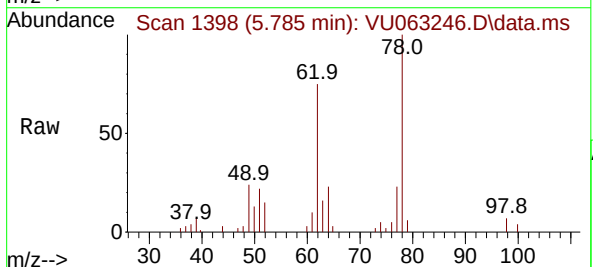
Acq: 11 Feb 2025 19:29

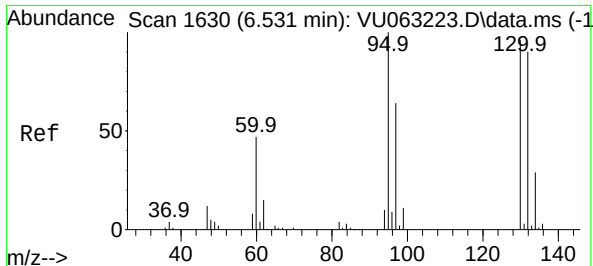
Tgt Ion: 62 Resp: 18950

Ion Ratio Lower Upper

62 100

98 8.2 6.9 10.3





#37

Trichloroethene

Concen: 1.019 ug/l

RT: 6.534 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063246.D

Acq: 11 Feb 2025 19:29

Instrument :

MSVOA_U

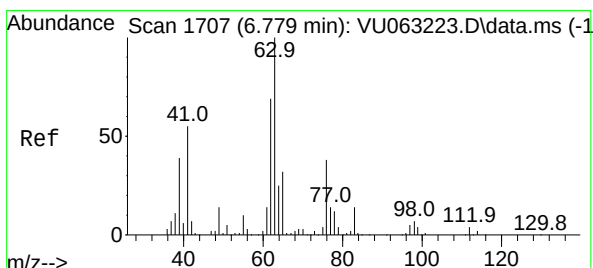
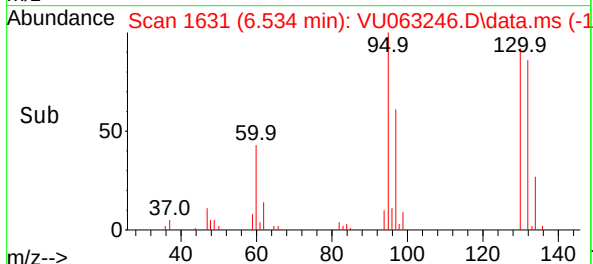
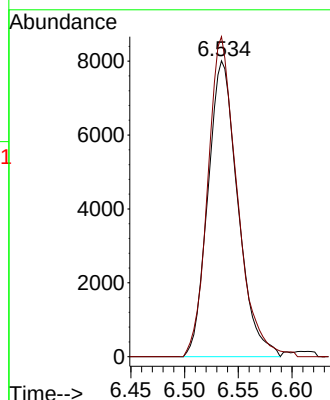
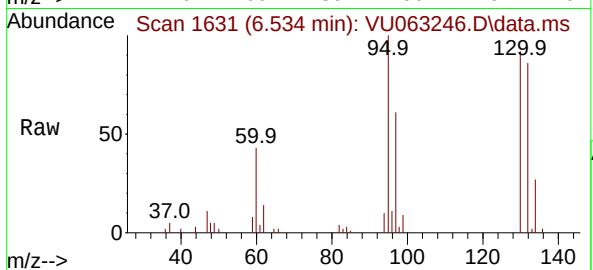
ClientSampleId :

Tgt Ion:130 Resp: 15469

Ion Ratio Lower Upper

130 100

95 108.2 83.2 124.8



#38

1,2-Dichloropropane

Concen: 1.019 ug/l

RT: 6.782 min Scan# 1708

Delta R.T. 0.003 min

Lab File: VU063246.D

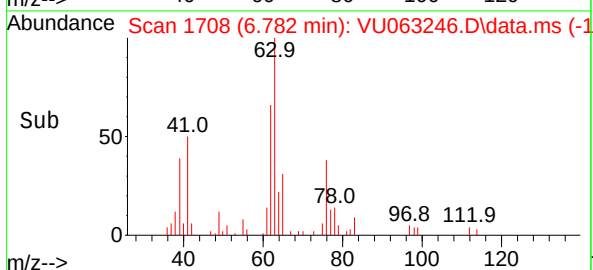
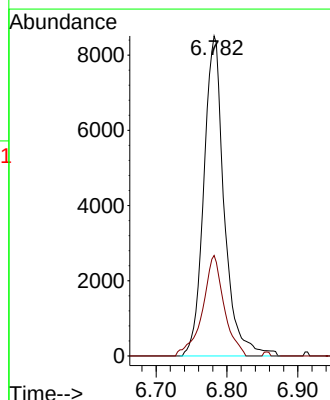
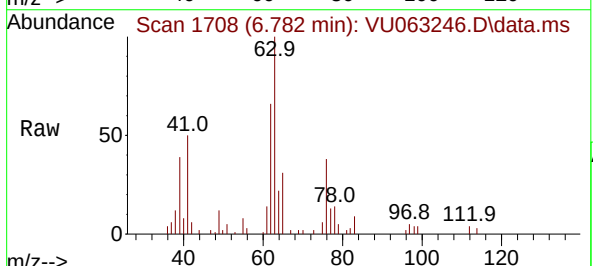
Acq: 11 Feb 2025 19:29

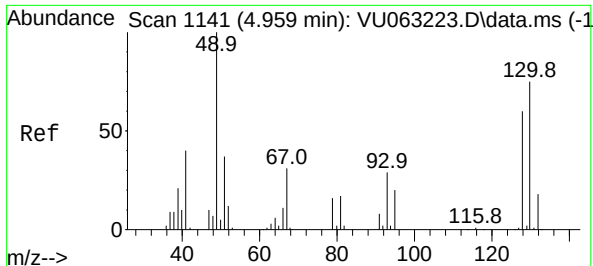
Tgt Ion: 63 Resp: 17038

Ion Ratio Lower Upper

63 100

65 31.4 25.3 37.9





#39

Methacrylonitrile

Concen: 0.972 ug/l

RT: 4.978 min Scan# 1141

Delta R.T. 0.019 min

Lab File: VU063246.D

Acq: 11 Feb 2025 19:29

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 41 Resp: 4066

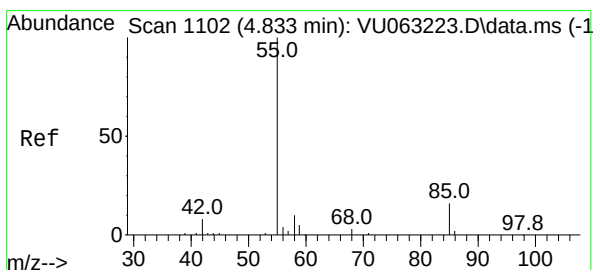
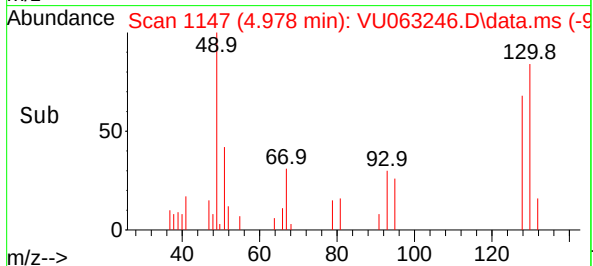
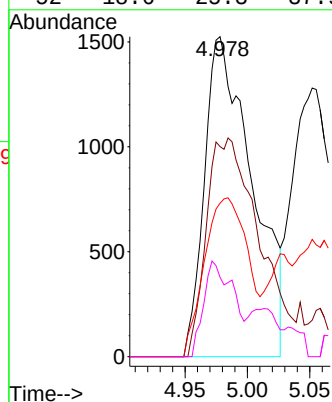
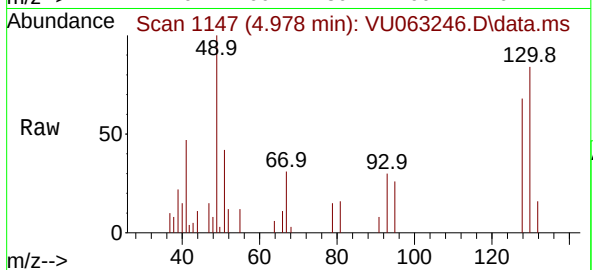
Ion Ratio Lower Upper

41 100

67 75.9 64.5 96.7

39 45.4 43.0 64.6

52 18.6 25.3 37.9#



#40

Methyl acrylate

Concen: 0.032 ug/l

RT: 4.795 min Scan# 1090

Delta R.T. -0.039 min

Lab File: VU063246.D

Acq: 11 Feb 2025 19:29

Tgt Ion: 55 Resp: 244

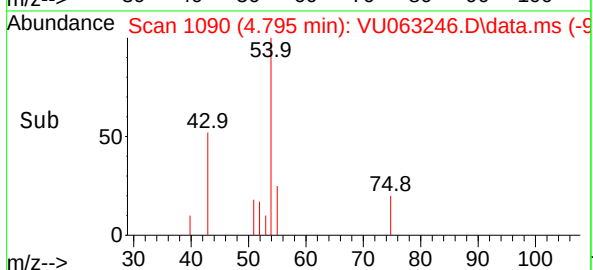
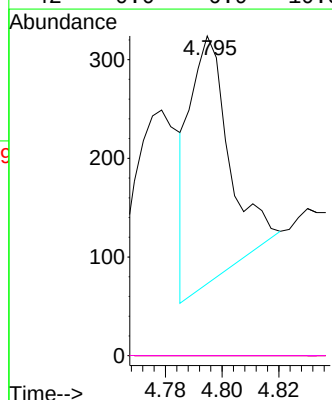
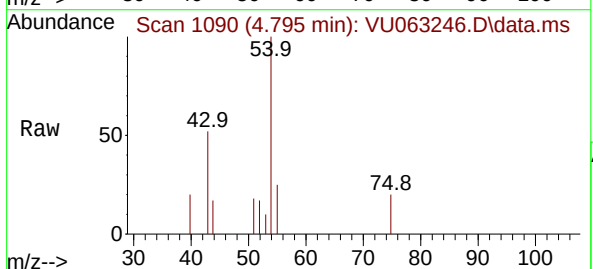
Ion Ratio Lower Upper

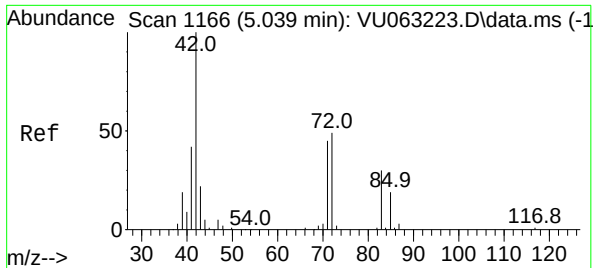
55 100

85 0.0 13.3 19.9#

58 18.4 7.3 10.9#

42 0.0 6.9 10.3#

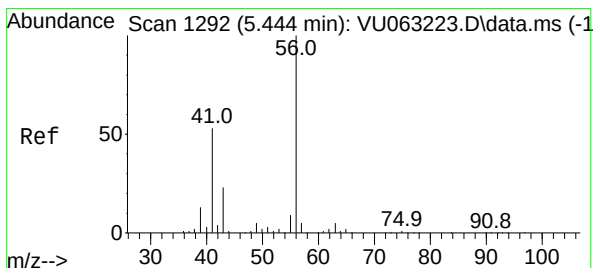
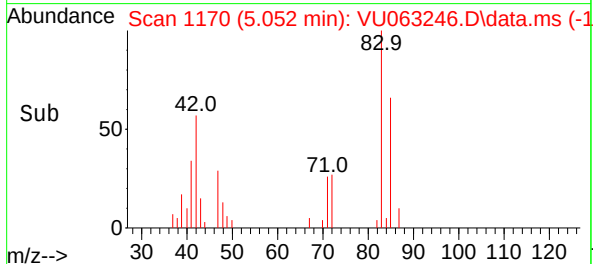
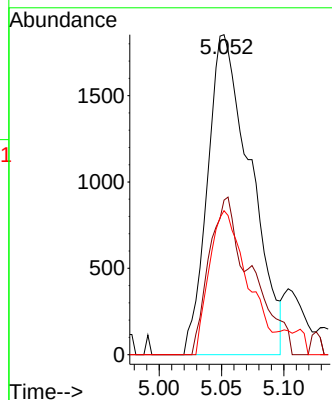
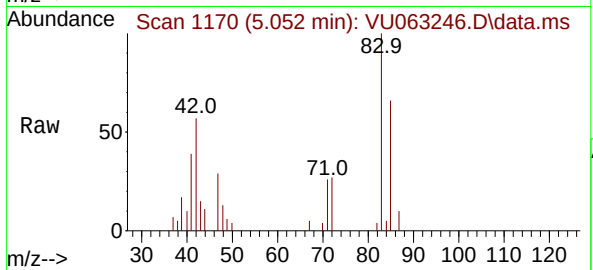




#41
Tetrahydrofuran
Concen: 1.829 ug/l
RT: 5.052 min Scan# 1166
Delta R.T. 0.013 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

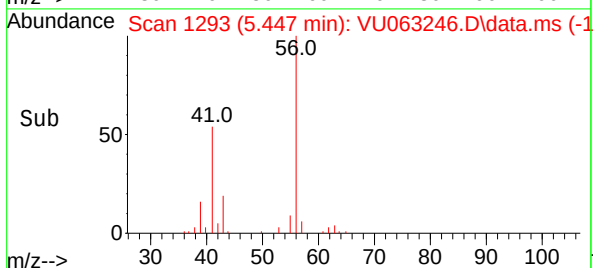
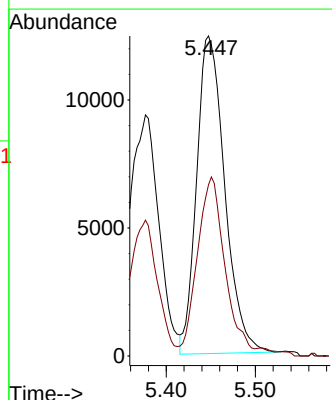
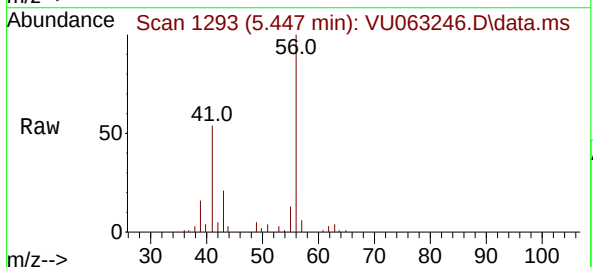
Instrument :
MSVOA_U
ClientSampleId :

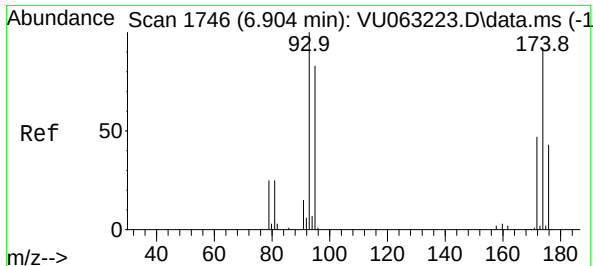
Tgt Ion: 42 Resp: 4451
Ion Ratio Lower Upper
42 100
72 33.3 41.5 62.3#
71 40.2 37.2 55.8



#42
1-Chlorobutane
Concen: 0.956 ug/l
RT: 5.447 min Scan# 1293
Delta R.T. 0.003 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

Tgt Ion: 56 Resp: 27157
Ion Ratio Lower Upper
56 100
41 51.4 26.3 78.8





#43

Dibromomethane

Concen: 1.005 ug/l

RT: 6.910 min Scan# 1

Delta R.T. 0.006 min

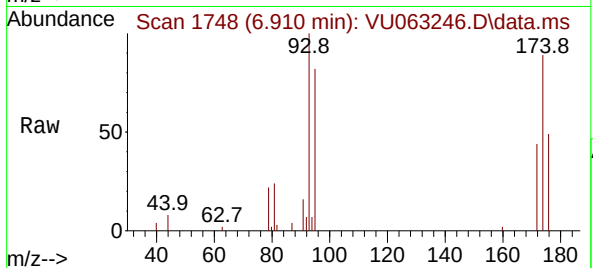
Lab File: VU063246.D

Acq: 11 Feb 2025 19:29

Instrument :

MSVOA_U

ClientSampleId :



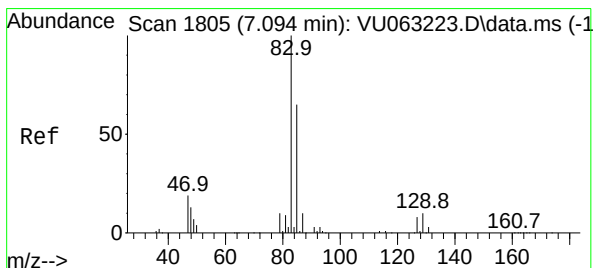
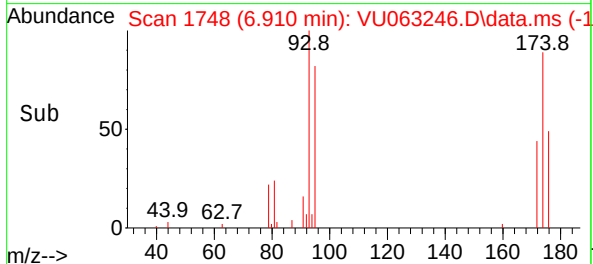
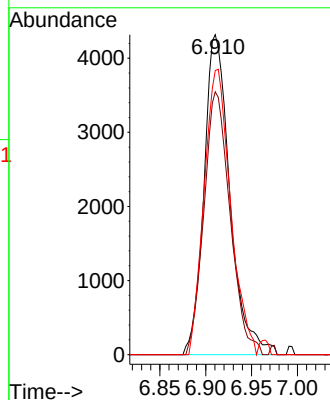
Tgt Ion: 93 Resp: 8503

Ion Ratio Lower Upper

93 100

95 82.7 67.2 100.8

174 90.8 75.7 113.5



#44

Bromodichloromethane

Concen: 1.022 ug/l

RT: 7.094 min Scan# 1805

Delta R.T. -0.000 min

Lab File: VU063246.D

Acq: 11 Feb 2025 19:29

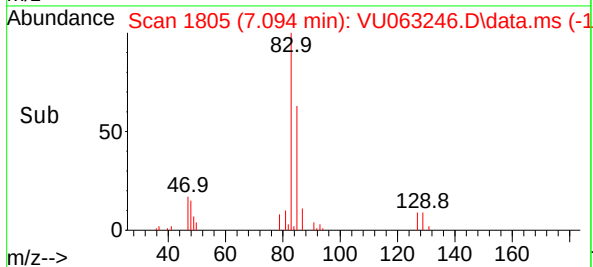
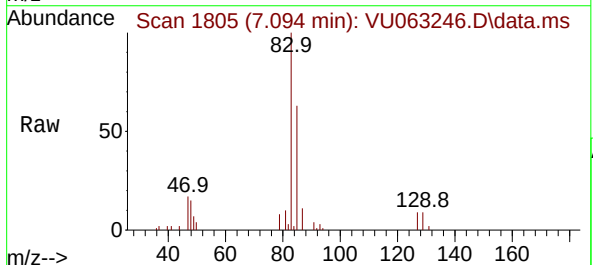
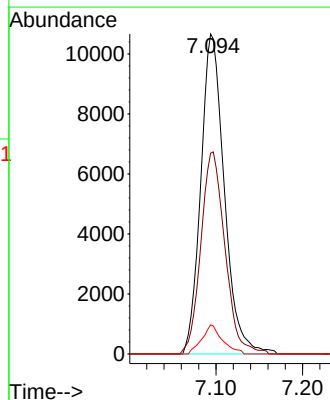
Tgt Ion: 83 Resp: 20136

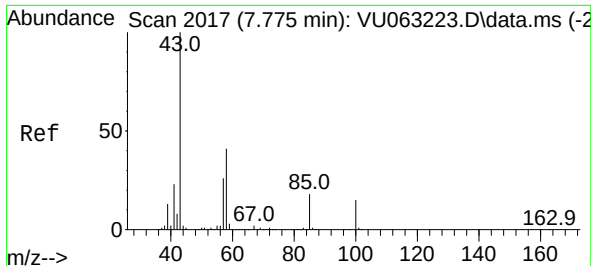
Ion Ratio Lower Upper

83 100

85 62.8 51.7 77.5

127 9.1 6.7 10.1





#45

4-Methyl-2-Pentanone

Concen: 4.425 ug/l

RT: 7.782 min Scan# 2017

Delta R.T. 0.006 min

Lab File: VU063246.D

Acq: 11 Feb 2025 19:29

Instrument :

MSVOA_U

ClientSampleId :

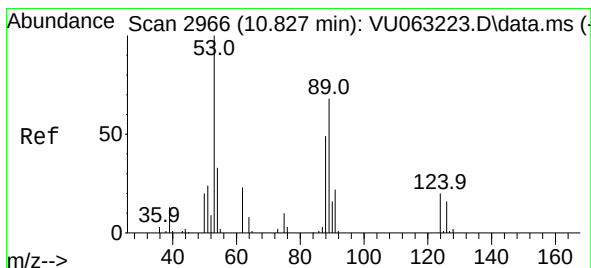
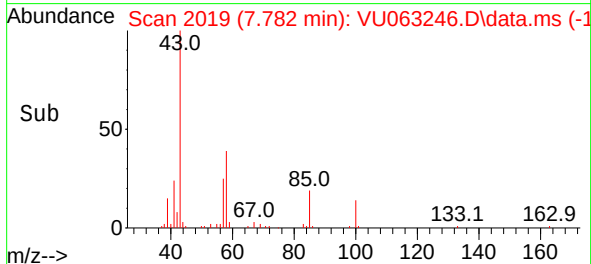
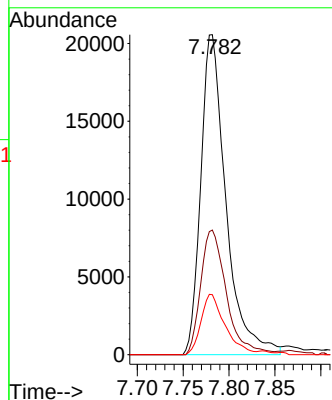
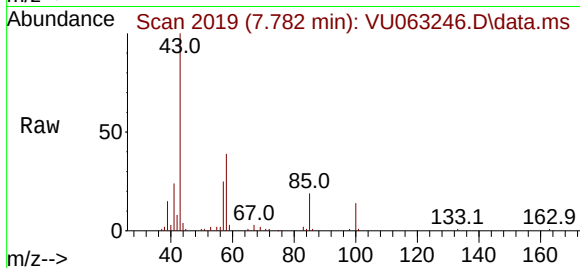
Tgt Ion: 43 Resp: 39261

Ion Ratio Lower Upper

43 100

58 39.7 20.8 62.5

85 18.0 14.8 22.2



#46

t-1,4-Dichloro-2-butene

Concen: 3.994 ug/l

RT: 10.817 min Scan# 2963

Delta R.T. -0.010 min

Lab File: VU063246.D

Acq: 11 Feb 2025 19:29

Tgt Ion: 75 Resp: 16662

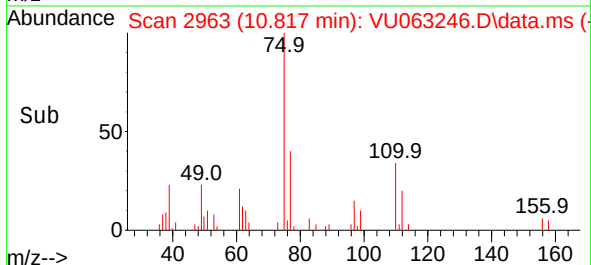
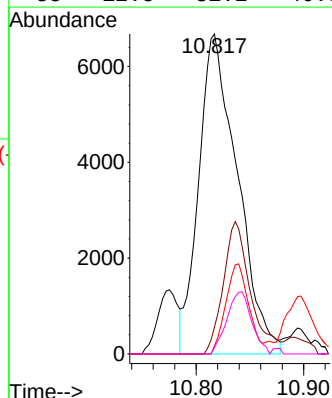
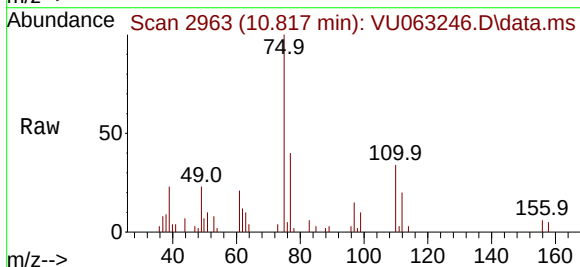
Ion Ratio Lower Upper

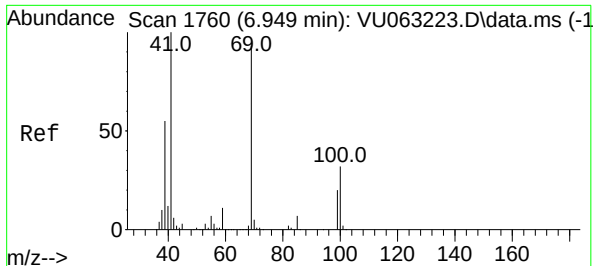
75 100

53 29.0 64.5 96.7#

89 16.7 43.4 65.2#

88 12.5 31.2 46.8#





#47

Methyl methacrylate

Concen: 1.829 ug/l

RT: 6.959 min Scan# 1

Delta R.T. 0.010 min

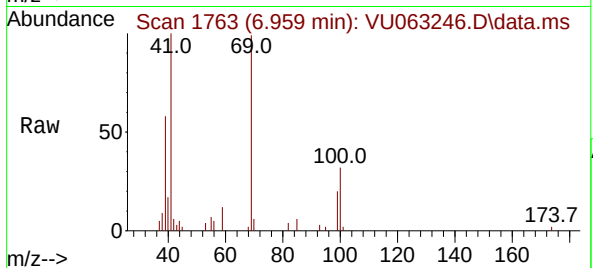
Lab File: VU063246.D

Acq: 11 Feb 2025 19:29

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 69 Resp: 13040

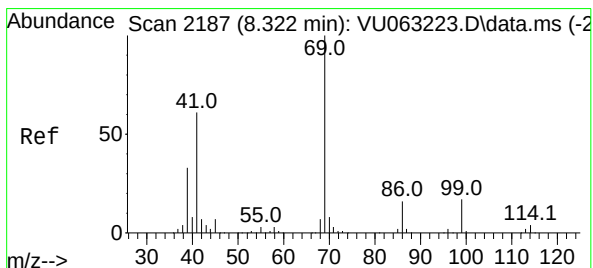
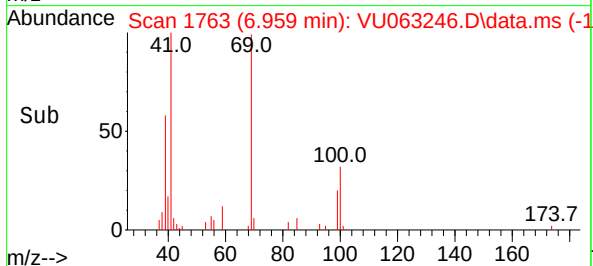
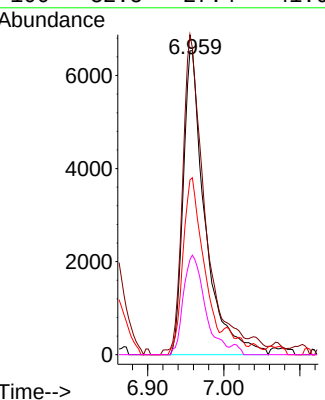
Ion Ratio Lower Upper

69 100

41 107.1 0.0 217.0

39 54.9 47.7 71.5

100 32.5 27.4 41.0



#48

Ethyl methacrylate

Concen: 0.882 ug/l

RT: 8.328 min Scan# 2189

Delta R.T. 0.006 min

Lab File: VU063246.D

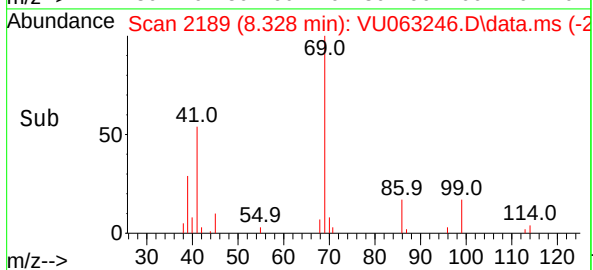
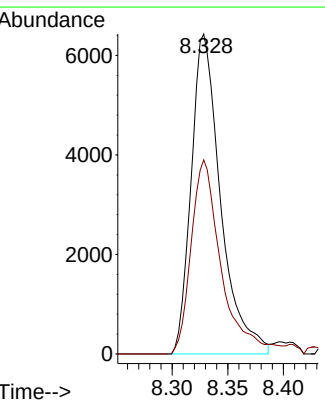
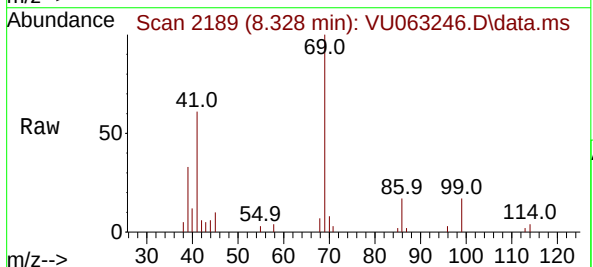
Acq: 11 Feb 2025 19:29

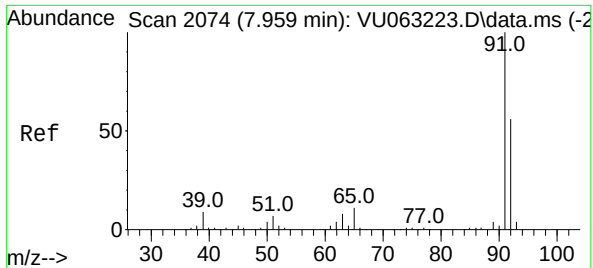
Tgt Ion: 69 Resp: 11801

Ion Ratio Lower Upper

69 100

41 62.3 30.6 92.0

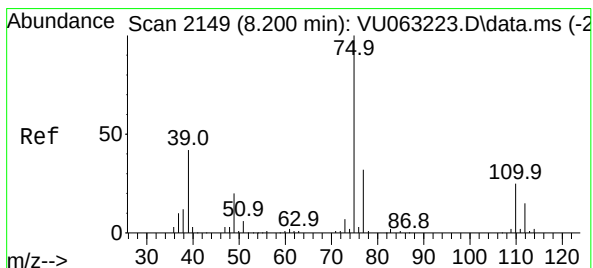
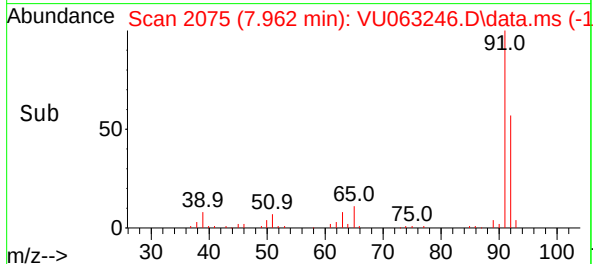
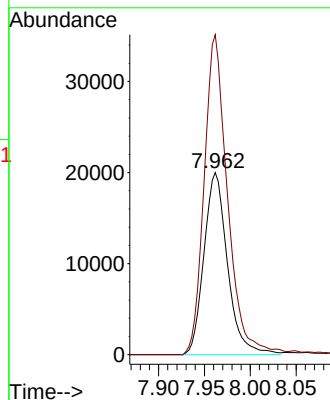
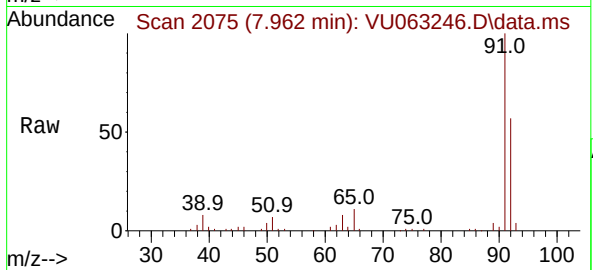




#49
Toluene
Concen: 0.975 ug/l
RT: 7.962 min Scan# 2074
Delta R.T. 0.003 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

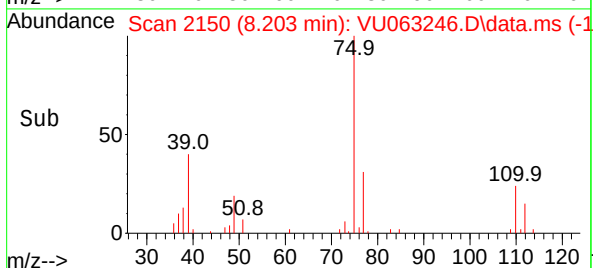
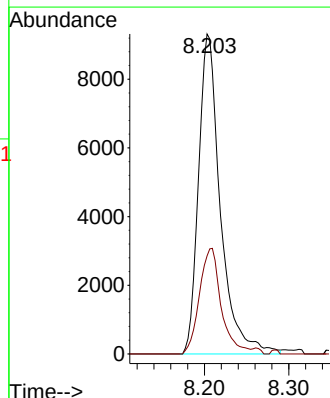
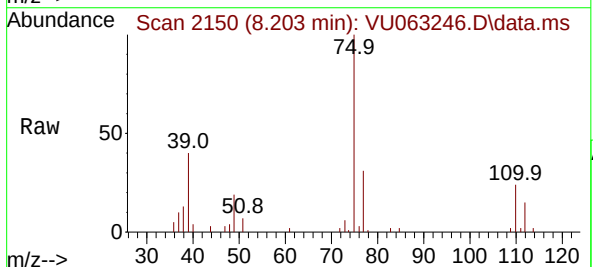
Instrument :
MSVOA_U
ClientSampleId :

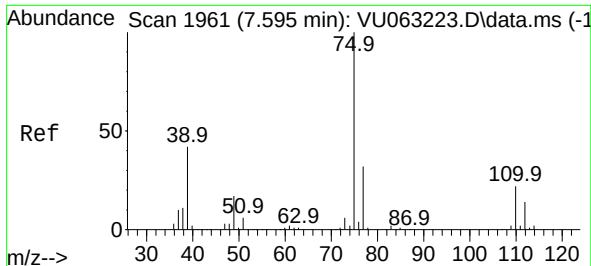
Tgt Ion: 92 Resp: 35801
Ion Ratio Lower Upper
92 100
91 174.0 141.8 212.6



#50
t-1,3-Dichloropropene
Concen: 0.931 ug/l
RT: 8.203 min Scan# 2150
Delta R.T. 0.003 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

Tgt Ion: 75 Resp: 16798
Ion Ratio Lower Upper
75 100
77 30.6 25.9 38.9

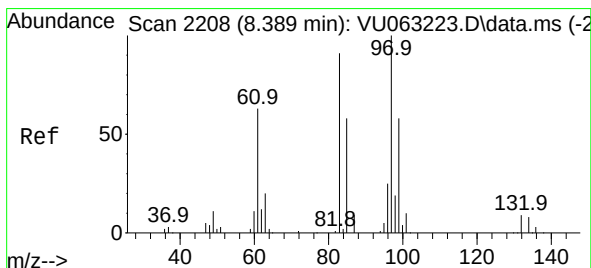
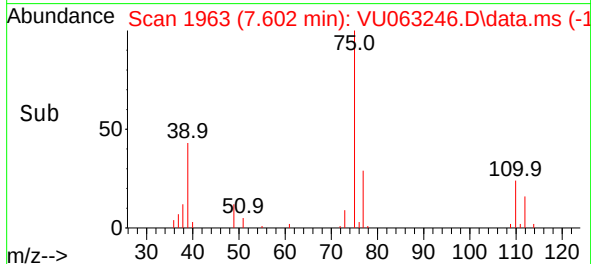
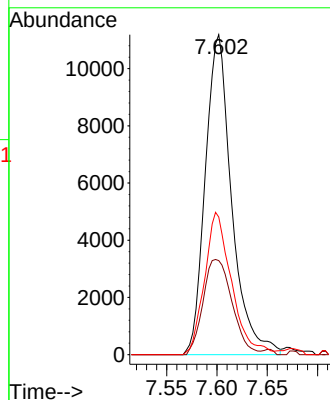
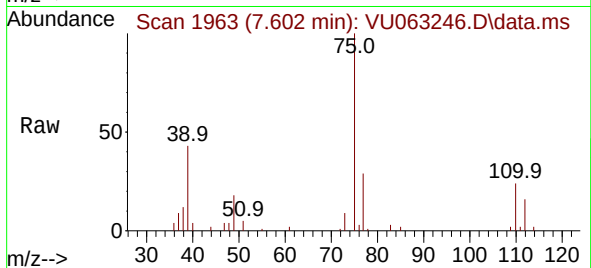




#51
 cis-1,3-Dichloropropene
 Concen: 0.916 ug/l
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.006 min
 Lab File: VU063246.D
 Acq: 11 Feb 2025 19:29

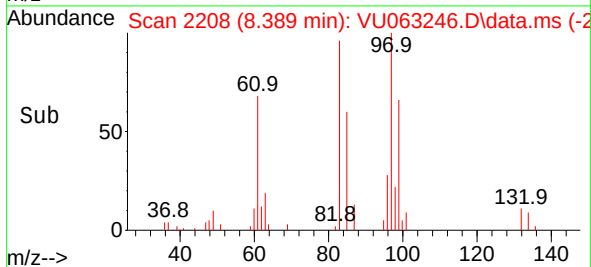
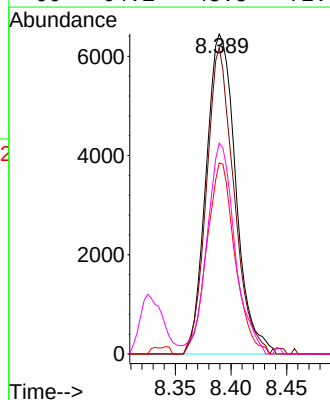
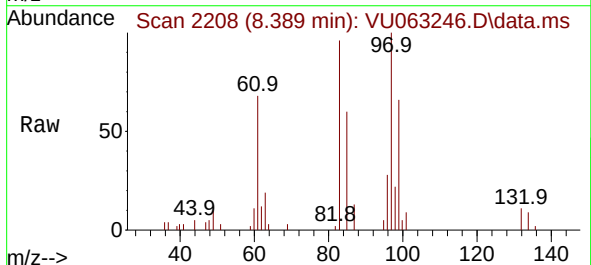
Instrument :
 MSVOA_U
 ClientSampleId :

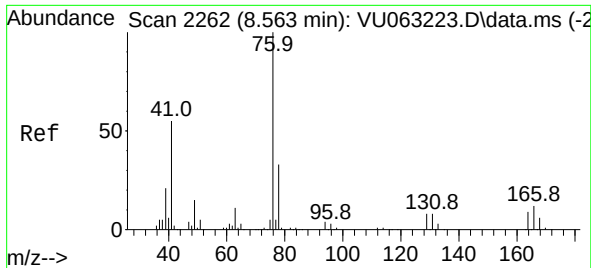
Tgt Ion: 75 Resp: 20404
 Ion Ratio Lower Upper
 75 100
 77 29.4 25.3 37.9
 39 43.0 33.5 50.3



#52
 1,1,2-Trichloroethane
 Concen: 1.045 ug/l
 RT: 8.389 min Scan# 2208
 Delta R.T. -0.000 min
 Lab File: VU063246.D
 Acq: 11 Feb 2025 19:29

Tgt Ion: 97 Resp: 11925
 Ion Ratio Lower Upper
 97 100
 83 95.8 73.0 109.4
 85 59.7 46.3 69.5
 99 64.1 48.5 72.7





#53

1,3-Dichloropropane

Concen: 0.989 ug/l

RT: 8.566 min Scan# 2263

Delta R.T. 0.003 min

Lab File: VU063246.D

Acq: 11 Feb 2025 19:29

Instrument :

MSVOA_U

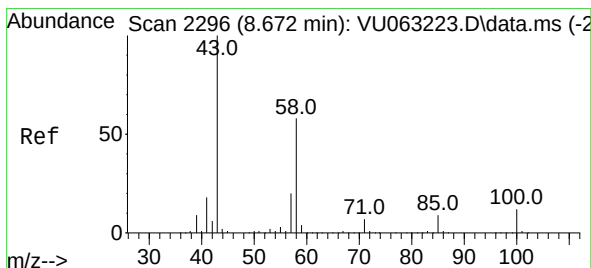
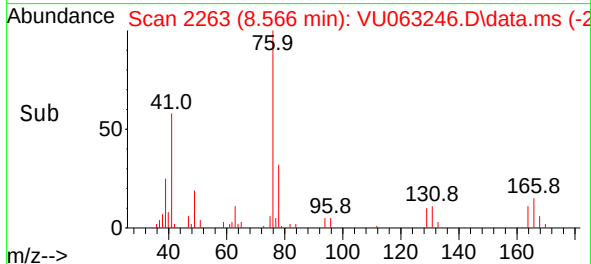
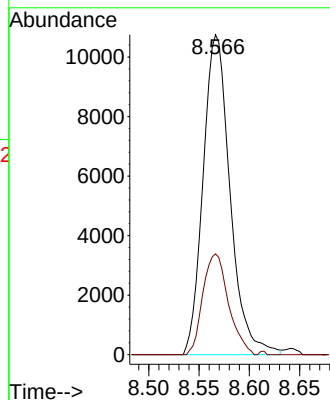
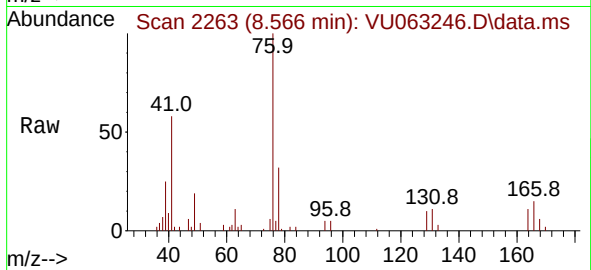
ClientSampleId :

Tgt Ion: 76 Resp: 20040

Ion Ratio Lower Upper

76 100

78 29.9 26.3 39.5



#54

2-Hexanone

Concen: 3.909 ug/l

RT: 8.679 min Scan# 2298

Delta R.T. 0.006 min

Lab File: VU063246.D

Acq: 11 Feb 2025 19:29

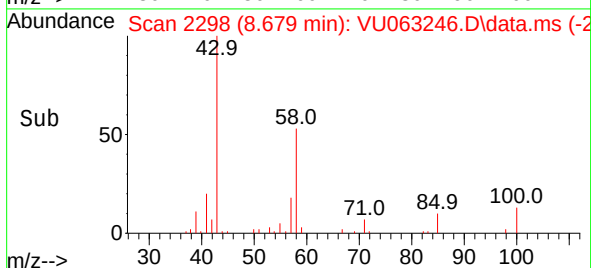
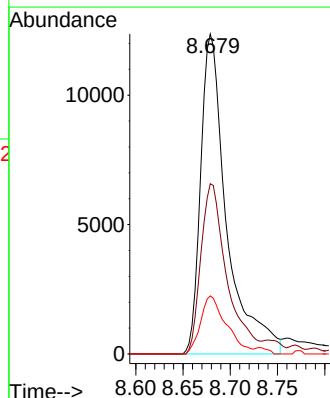
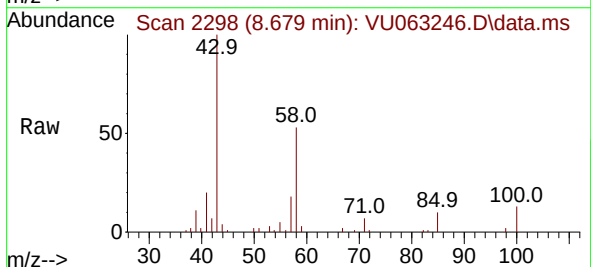
Tgt Ion: 43 Resp: 23671

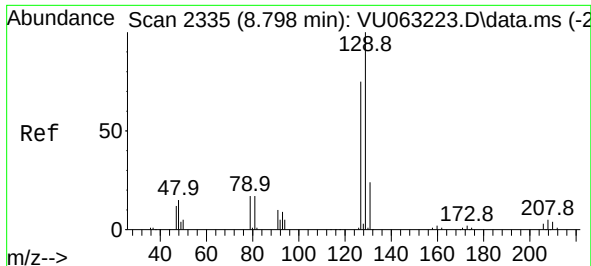
Ion Ratio Lower Upper

43 100

58 53.3 38.0 78.0

57 17.9 0.0 39.1





#55

Dibromochloromethane

Concen: 1.006 ug/l

RT: 8.798 min Scan# 2335

Delta R.T. -0.000 min

Lab File: VU063246.D

Acq: 11 Feb 2025 19:29

Instrument :

MSVOA_U

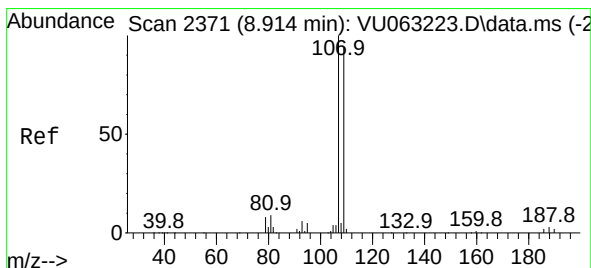
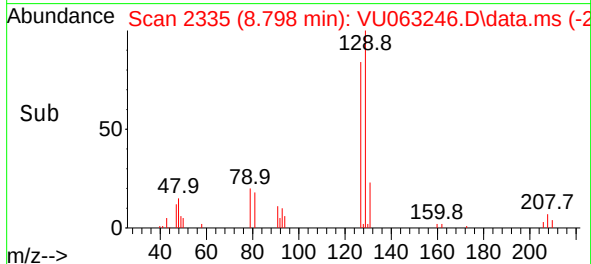
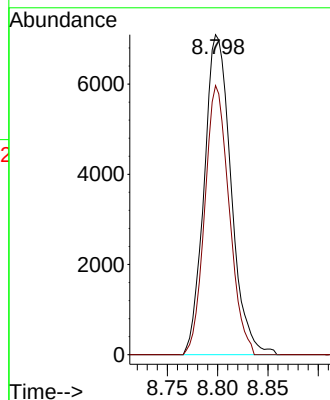
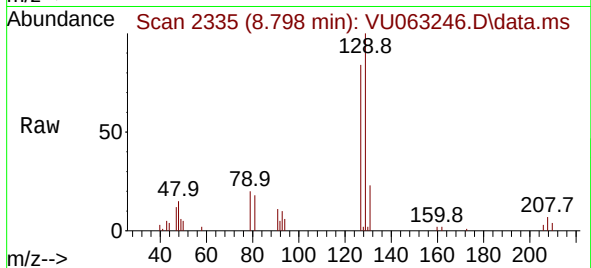
ClientSampleId :

Tgt Ion:129 Resp: 13213

Ion Ratio Lower Upper

129 100

127 76.2 60.4 90.6



#56

1,2-Dibromoethane

Concen: 0.983 ug/l

RT: 8.917 min Scan# 2372

Delta R.T. 0.003 min

Lab File: VU063246.D

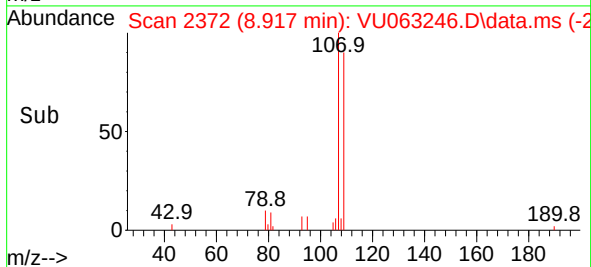
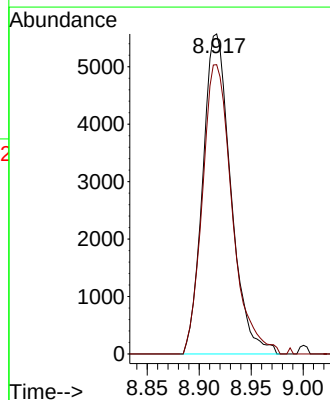
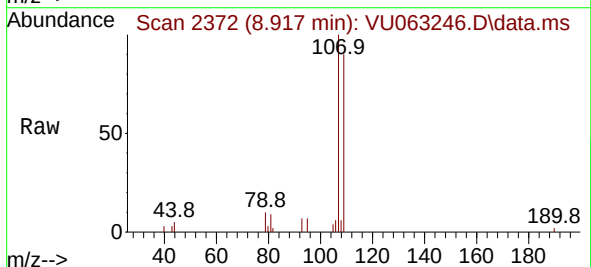
Acq: 11 Feb 2025 19:29

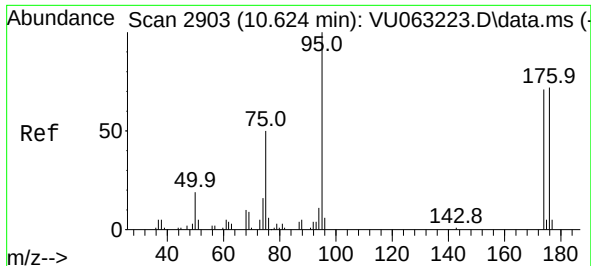
Tgt Ion:107 Resp: 10519

Ion Ratio Lower Upper

107 100

109 95.1 0.0 187.8





#57

4-Bromofluorobenzene

Concen: 0.916 ug/l

RT: 10.627 min Scan# 2904

Delta R.T. 0.003 min

Lab File: VU063246.D

Acq: 11 Feb 2025 19:29

Instrument :

MSVOA_U

ClientSampleId :

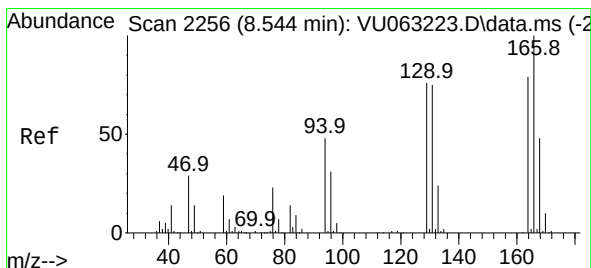
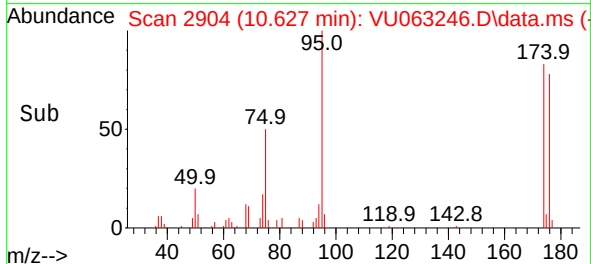
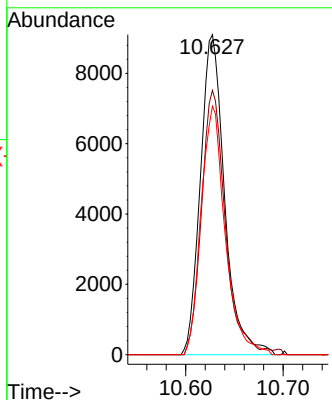
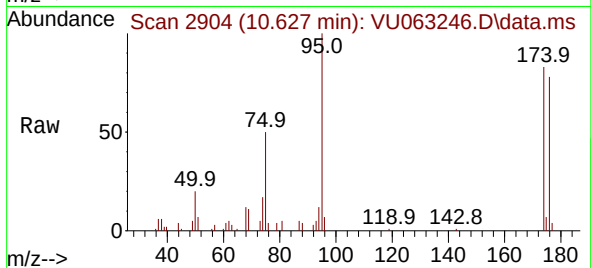
Tgt Ion: 95 Resp: 15706

Ion Ratio Lower Upper

95 100

174 80.7 58.6 88.0

176 77.4 58.2 87.4



#58

Tetrachloroethene

Concen: 1.049 ug/l

RT: 8.544 min Scan# 2256

Delta R.T. -0.000 min

Lab File: VU063246.D

Acq: 11 Feb 2025 19:29

Tgt Ion: 164 Resp: 13132

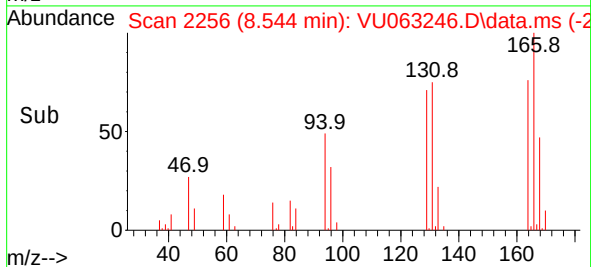
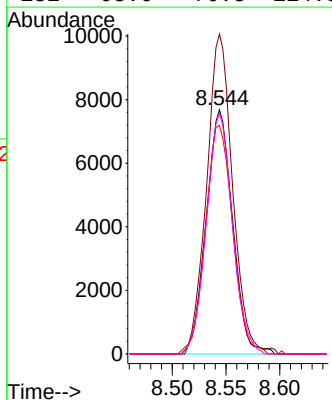
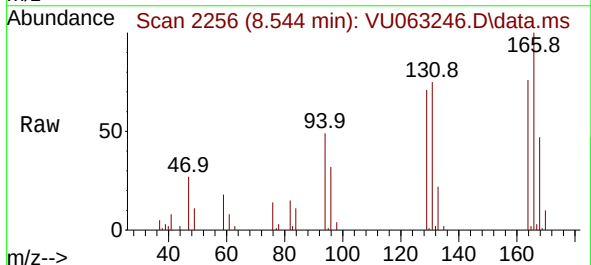
Ion Ratio Lower Upper

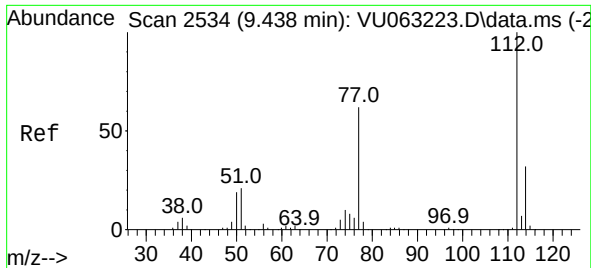
164 100

166 131.0 101.4 152.0

129 93.6 77.0 115.4

131 98.6 76.3 114.5

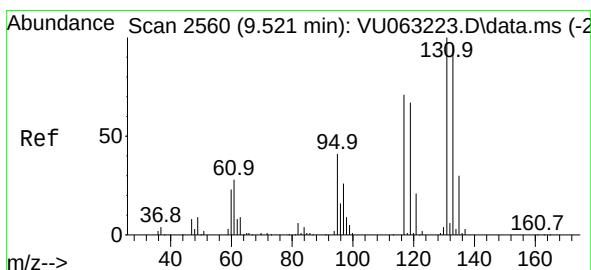
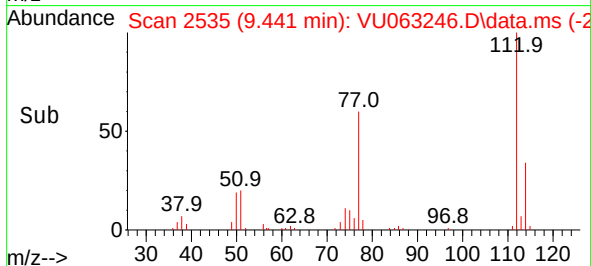
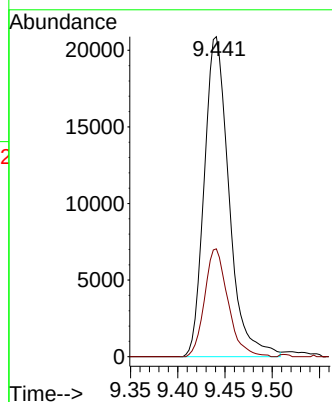
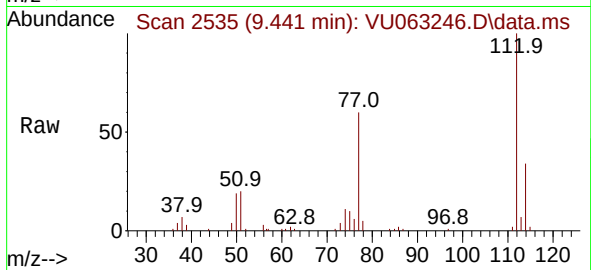




#59
Chlorobenzene
Concen: 0.983 ug/l
RT: 9.441 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

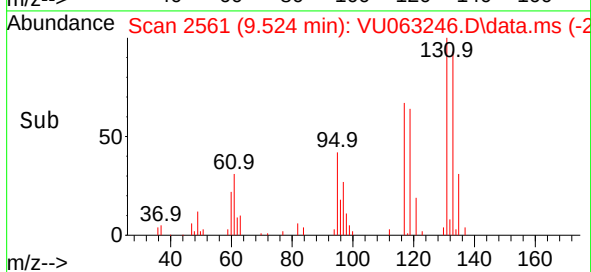
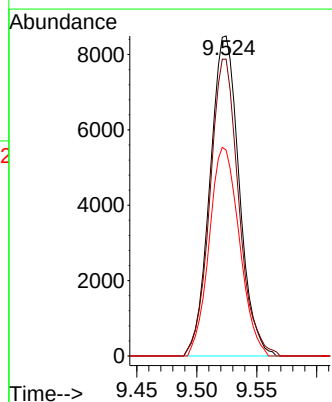
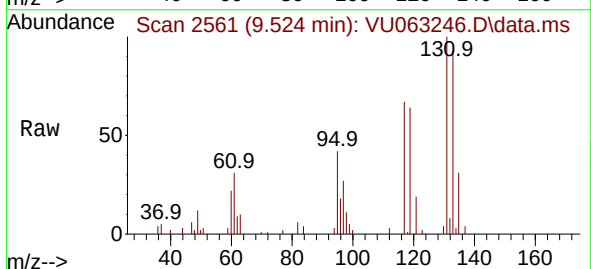
Instrument :
MSVOA_U
ClientSampleId :

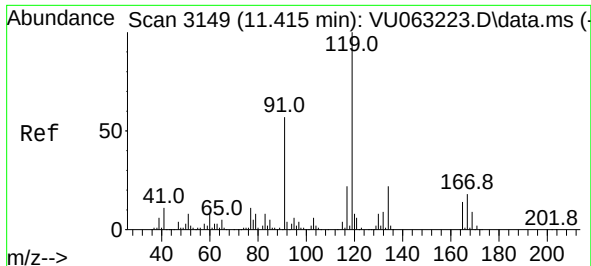
Tgt Ion:112 Resp: 38104
Ion Ratio Lower Upper
112 100
114 33.7 25.7 38.5



#60
1,1,1,2-Tetrachloroethane
Concen: 1.030 ug/l
RT: 9.524 min Scan# 2561
Delta R.T. 0.003 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

Tgt Ion:131 Resp: 14355
Ion Ratio Lower Upper
131 100
133 91.5 76.7 115.1
119 67.2 54.4 81.6

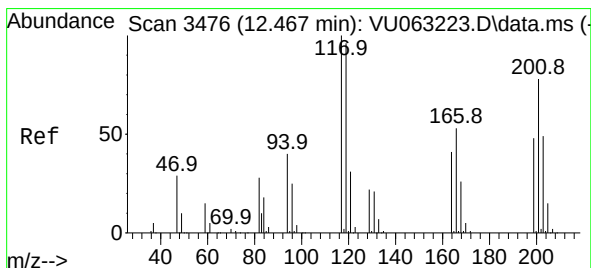
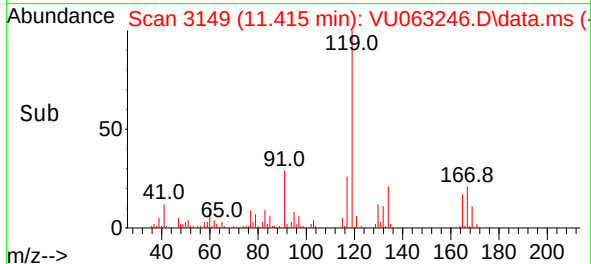
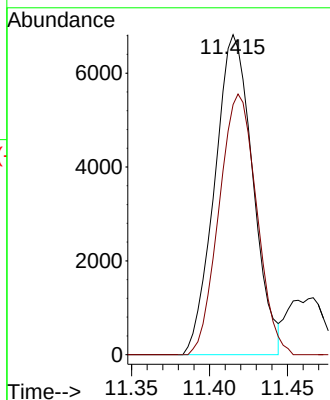
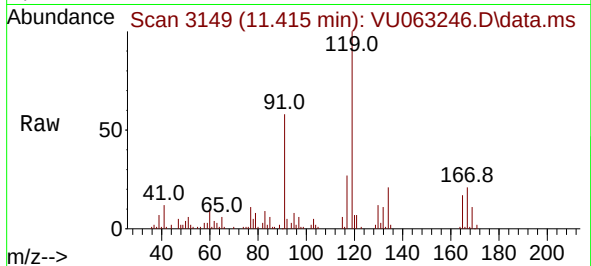




#61
 Pentachloroethane
 Concen: 0.932 ug/l
 RT: 11.415 min Scan# 3149
 Delta R.T. -0.000 min
 Lab File: VU063246.D
 Acq: 11 Feb 2025 19:29

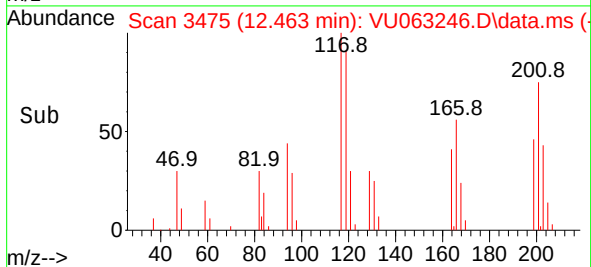
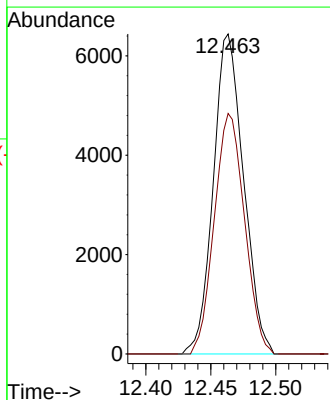
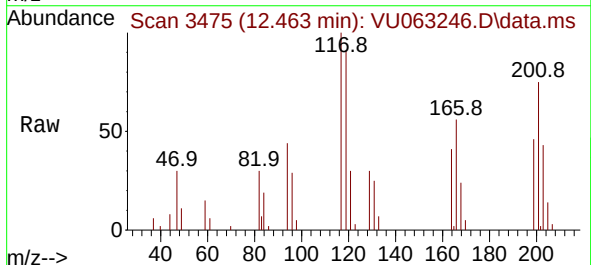
Instrument :
 MSVOA_U
 ClientSampleId :

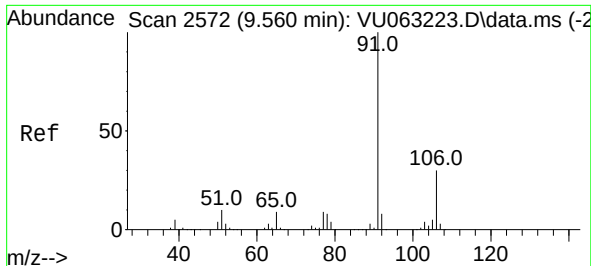
Tgt Ion:117 Resp: 11604
 Ion Ratio Lower Upper
 117 100
 167 80.3 65.0 97.6



#62
 Hexachloroethane
 Concen: 0.947 ug/l
 RT: 12.463 min Scan# 3475
 Delta R.T. -0.003 min
 Lab File: VU063246.D
 Acq: 11 Feb 2025 19:29

Tgt Ion:117 Resp: 10423
 Ion Ratio Lower Upper
 117 100
 201 75.0 61.3 91.9





#63

Ethyl Benzene

Concen: 0.915 ug/l

RT: 9.560 min Scan# 2572

Delta R.T. -0.000 min

Lab File: VU063246.D

Acq: 11 Feb 2025 19:29

Instrument :

MSVOA_U

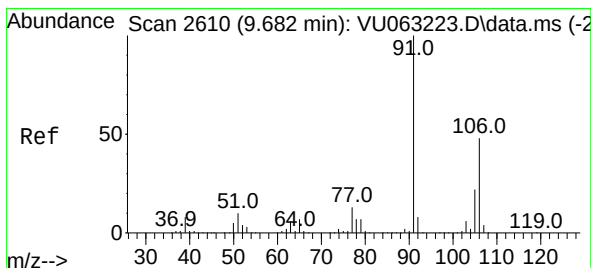
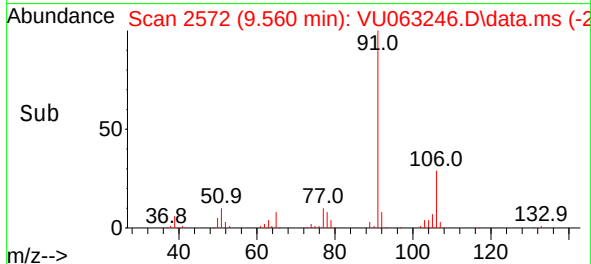
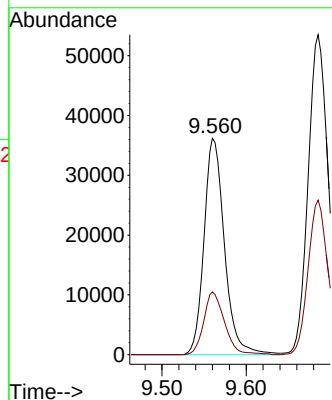
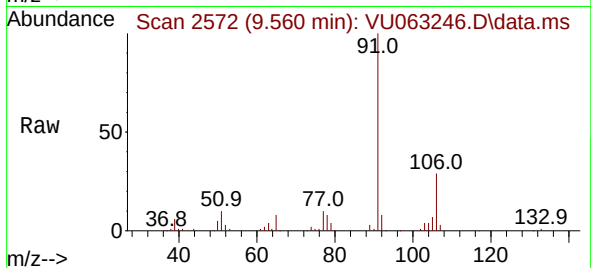
ClientSampleId :

Tgt Ion: 91 Resp: 61150

Ion Ratio Lower Upper

91 100

106 29.0 24.2 36.2



#64

m/p-Xylenes

Concen: 1.785 ug/l

RT: 9.685 min Scan# 2611

Delta R.T. 0.003 min

Lab File: VU063246.D

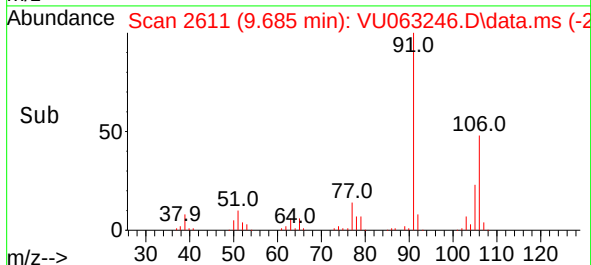
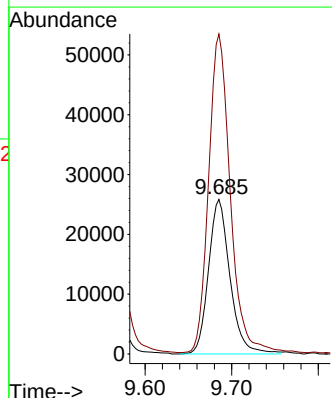
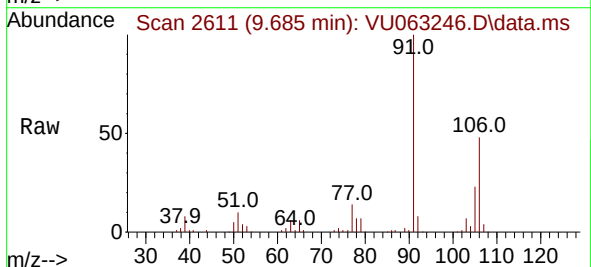
Acq: 11 Feb 2025 19:29

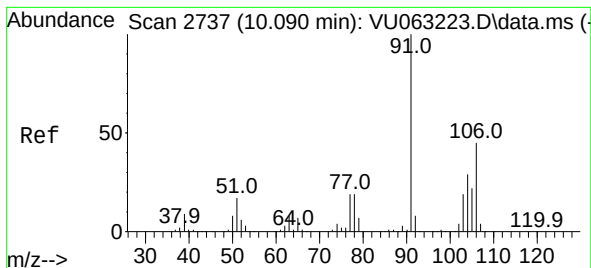
Tgt Ion:106 Resp: 44567

Ion Ratio Lower Upper

106 100

91 208.6 166.9 250.3





#65

o-Xylene

Concen: 0.879 ug/l

RT: 10.090 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU063246.D

Acq: 11 Feb 2025 19:29

Instrument :

MSVOA_U

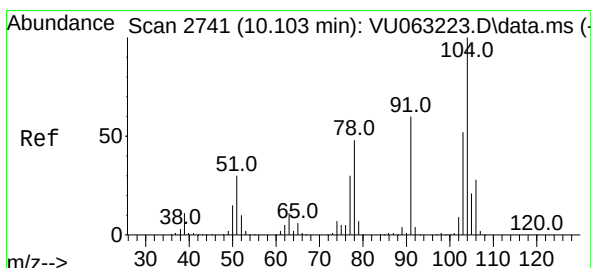
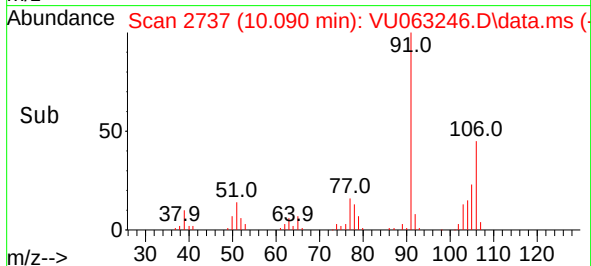
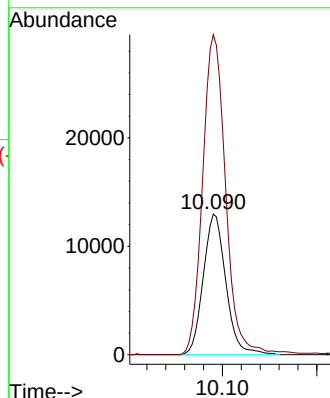
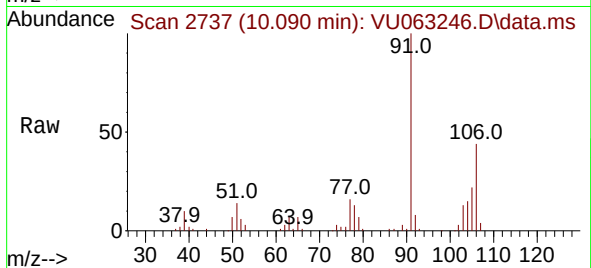
ClientSampleId :

Tgt Ion:106 Resp: 21490

Ion Ratio Lower Upper

106 100

91 233.1 110.9 332.9



#66

Styrene

Concen: 0.868 ug/l

RT: 10.110 min Scan# 2743

Delta R.T. 0.006 min

Lab File: VU063246.D

Acq: 11 Feb 2025 19:29

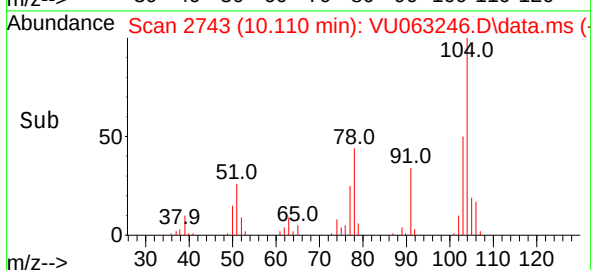
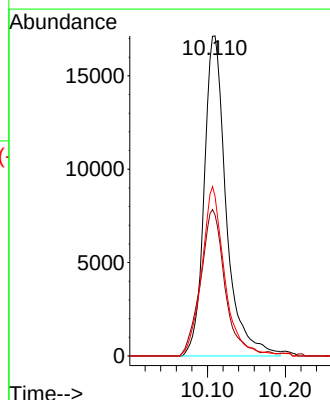
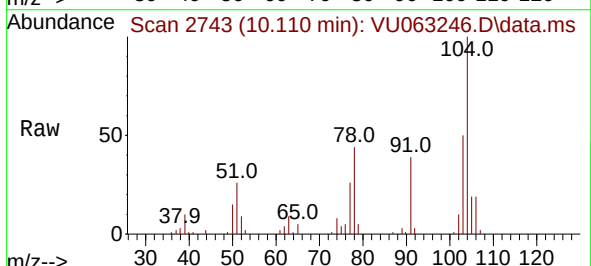
Tgt Ion:104 Resp: 33754

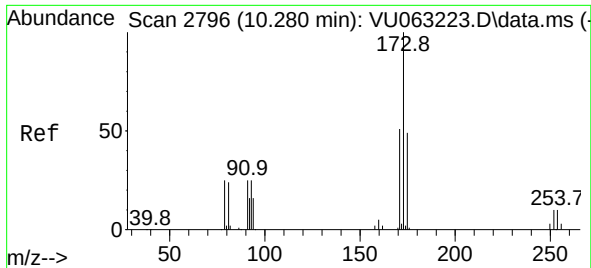
Ion Ratio Lower Upper

104 100

78 50.5 41.2 61.8

103 54.7 44.8 67.2

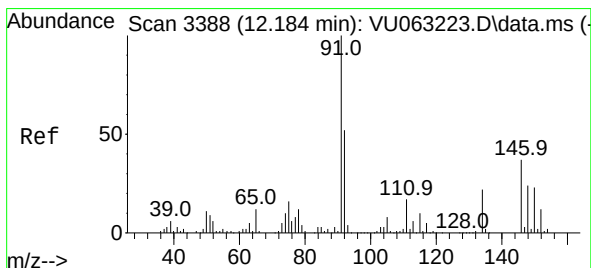
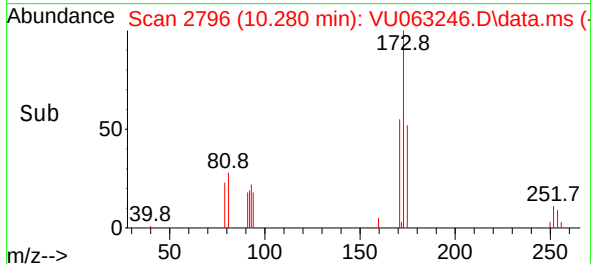
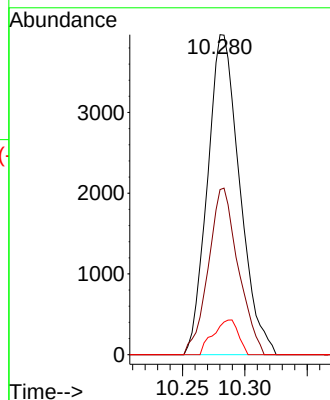
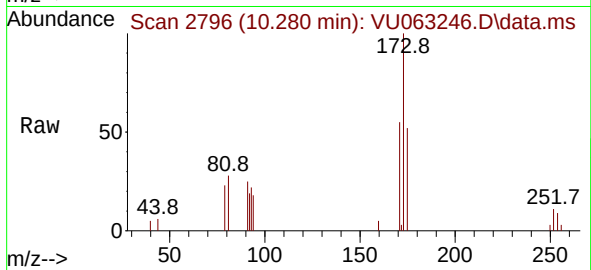




#67
Bromoform
Concen: 0.956 ug/l
RT: 10.280 min Scan# 2796
Delta R.T. -0.000 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

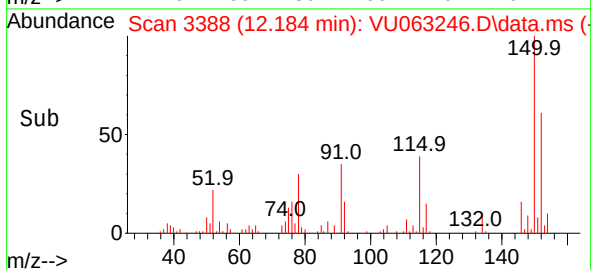
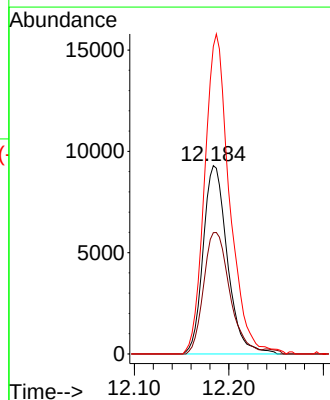
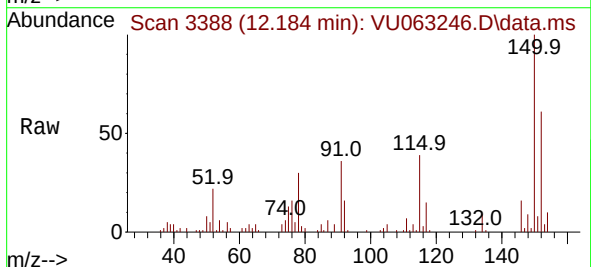
Instrument :
MSVOA_U
ClientSampleId :

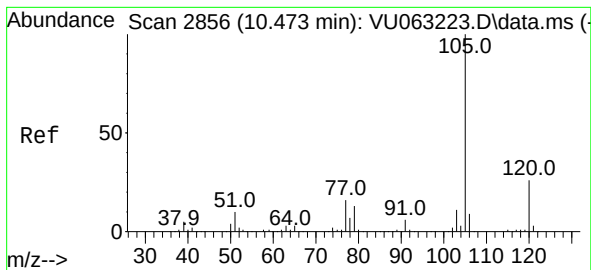
Tgt Ion:	173	Resp:	7121
Ion Ratio	Lower	Upper	
173	100		
175	48.3	39.0	58.4
254	8.4	7.7	11.5



#68
1,2-Dichlorobenzene-d4
Concen: 0.927 ug/l
RT: 12.184 min Scan# 3388
Delta R.T. -0.000 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

Tgt Ion:	152	Resp:	16519
Ion Ratio	Lower	Upper	
152	100		
115	69.9	0.0	275.2
150	175.3	0.0	658.4





#69

Isopropylbenzene

Concen: 0.895 ug/l

RT: 10.473 min Scan# 2856

Delta R.T. -0.000 min

Lab File: VU063246.D

Acq: 11 Feb 2025 19:29

Instrument :

MSVOA_U

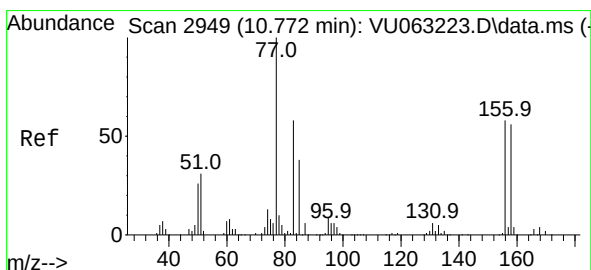
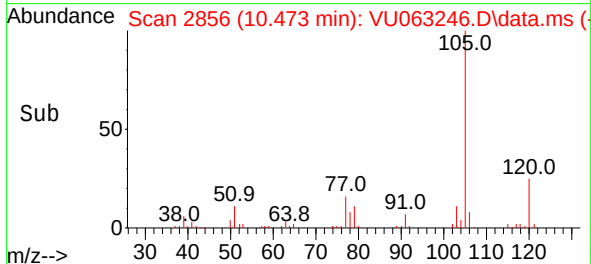
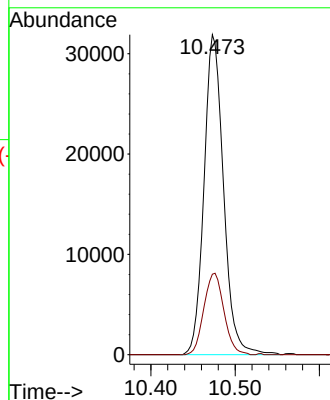
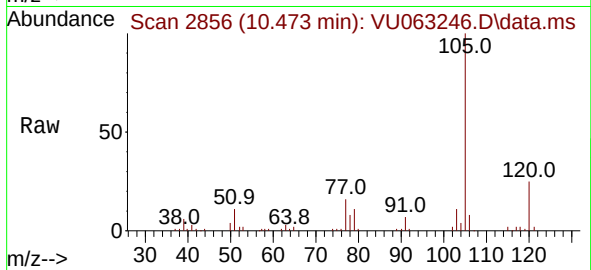
ClientSampleId :

Tgt Ion:105 Resp: 51435

Ion Ratio Lower Upper

105 100

120 26.2 12.8 38.4



#70

1,1,2,2-Tetrachloroethane

Concen: 0.971 ug/l

RT: 10.772 min Scan# 2949

Delta R.T. -0.000 min

Lab File: VU063246.D

Acq: 11 Feb 2025 19:29

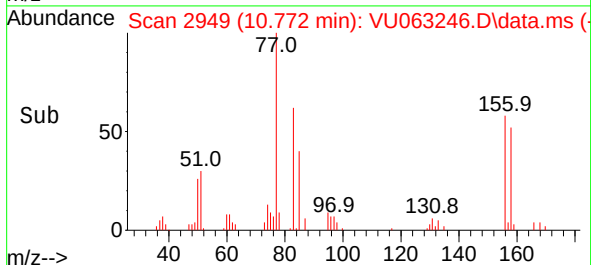
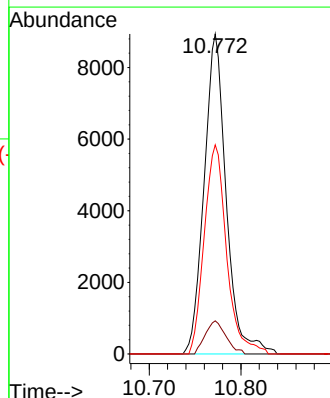
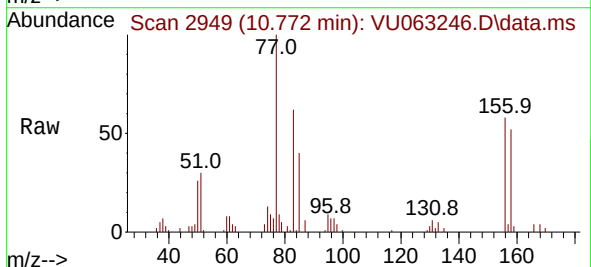
Tgt Ion: 83 Resp: 14934

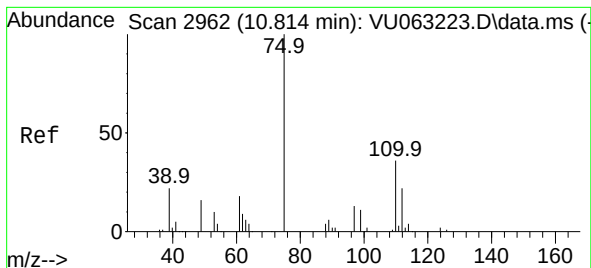
Ion Ratio Lower Upper

83 100

131 9.7 7.4 11.0

85 66.2 51.8 77.8





#71

1,2,3-Trichloropropane

Concen: 1.442 ug/l

RT: 10.817 min Scan# 2962

Delta R.T. 0.003 min

Lab File: VU063246.D

Acq: 11 Feb 2025 19:29

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 75 Resp: 16662

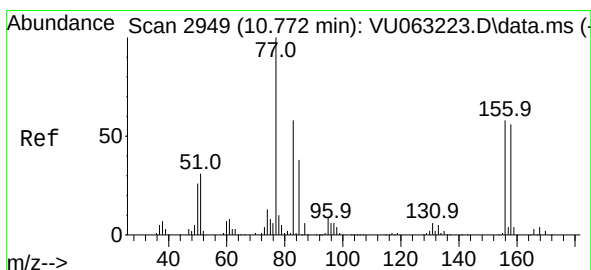
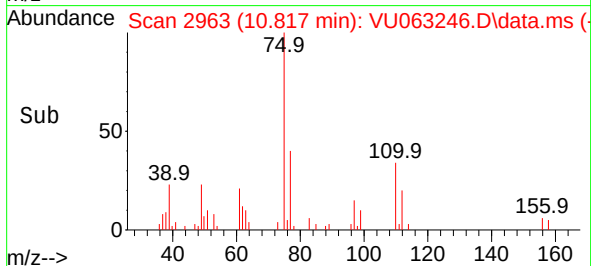
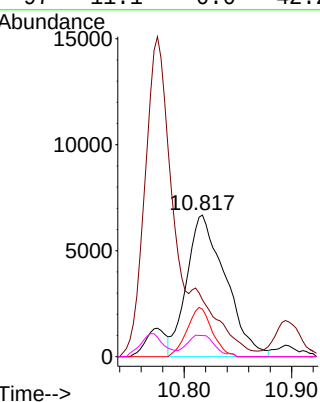
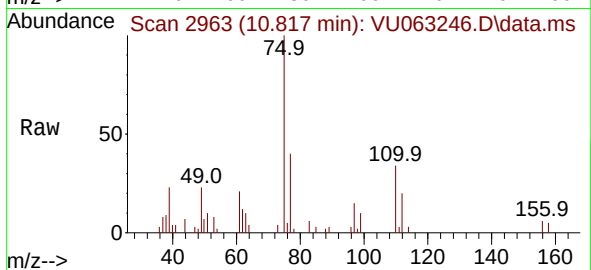
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

110 22.5 0.0 77.0

97 11.1 0.0 42.2



#72

Bromobenzene

Concen: 1.014 ug/l

RT: 10.775 min Scan# 2950

Delta R.T. 0.003 min

Lab File: VU063246.D

Acq: 11 Feb 2025 19:29

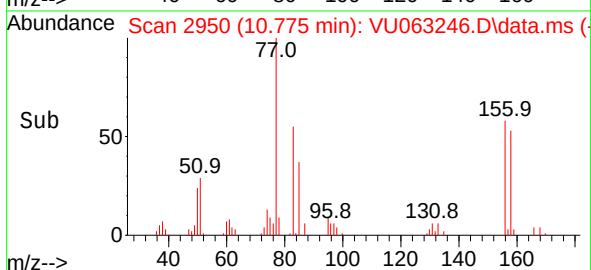
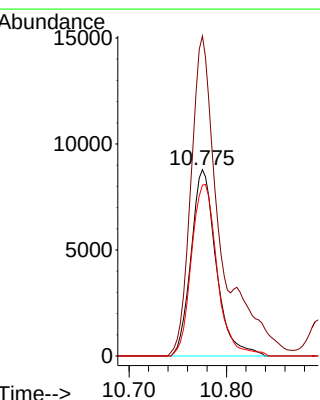
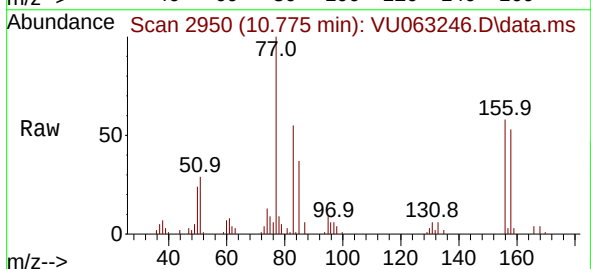
Tgt Ion: 156 Resp: 15702

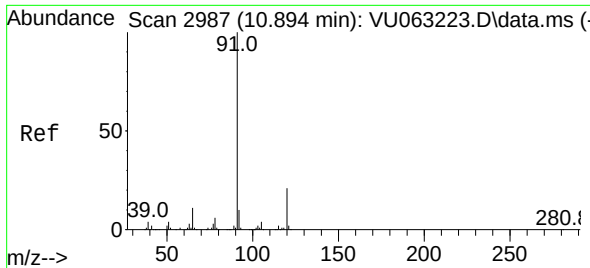
Ion Ratio Lower Upper

156 100

77 165.4 0.0 343.6

158 94.6 0.0 193.0

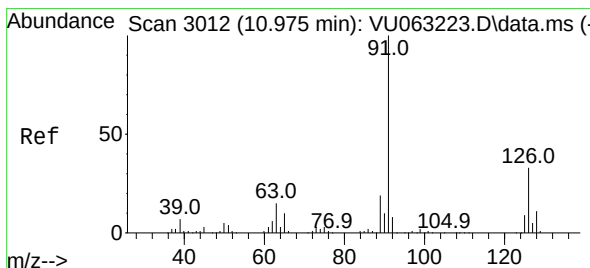
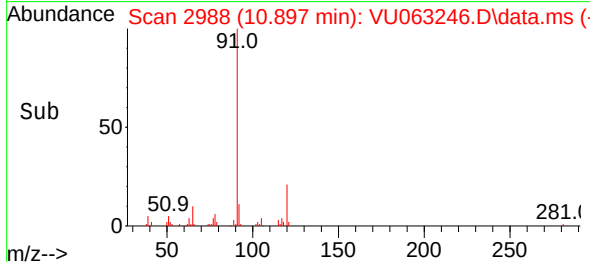
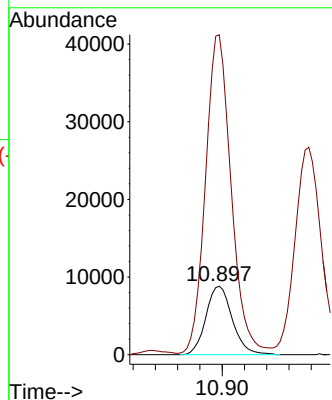
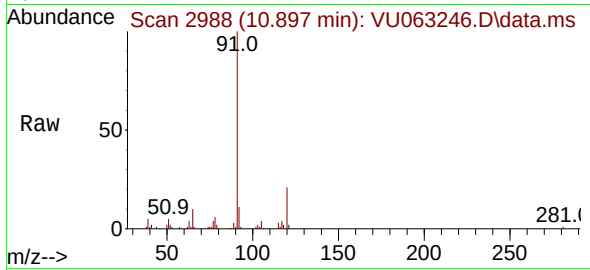




#73
n-propylbenzene
Concen: 0.881 ug/l
RT: 10.897 min Scan# 2987
Delta R.T. 0.003 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

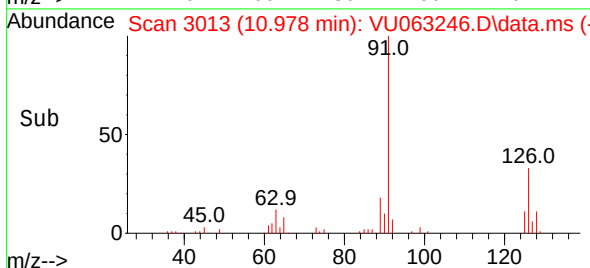
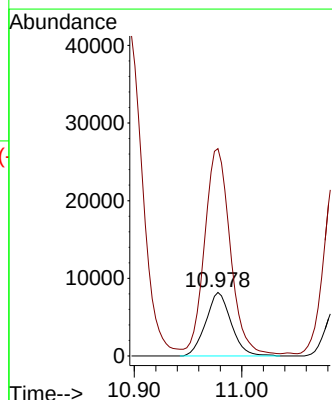
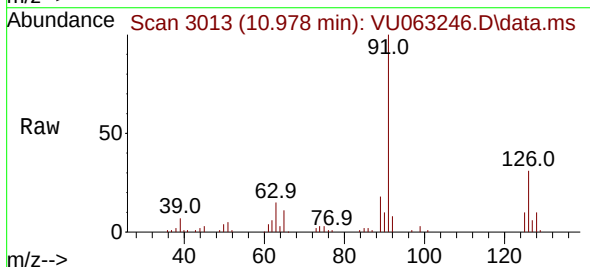
Instrument :
MSVOA_U
ClientSampleId :

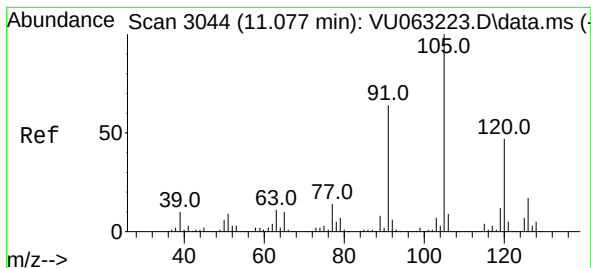
Tgt Ion:120 Resp: 14495
Ion Ratio Lower Upper
120 100
91 451.3 369.8 554.6



#74
2-Chlorotoluene
Concen: 0.883 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. 0.003 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

Tgt Ion:126 Resp: 13394
Ion Ratio Lower Upper
126 100
91 325.0 0.0 623.8





#75

1,3,5-Trimethylbenzene

Concen: 0.853 ug/l

RT: 11.077 min Scan# 3044

Delta R.T. -0.000 min

Lab File: VU063246.D

Acq: 11 Feb 2025 19:29

Instrument :

MSVOA_U

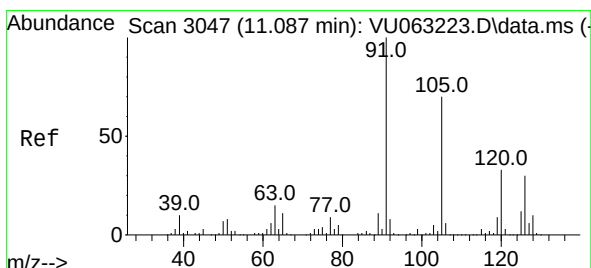
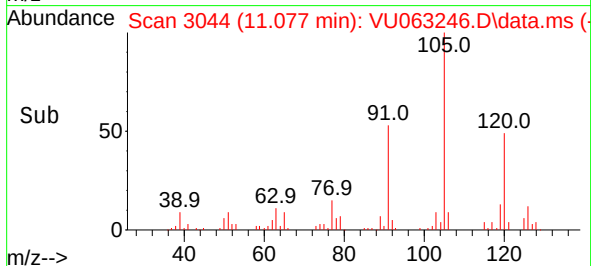
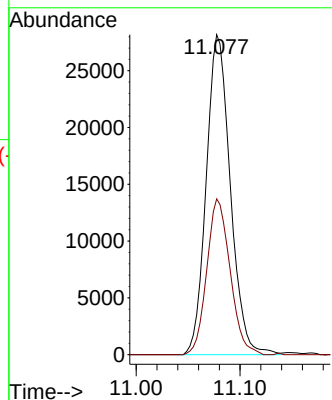
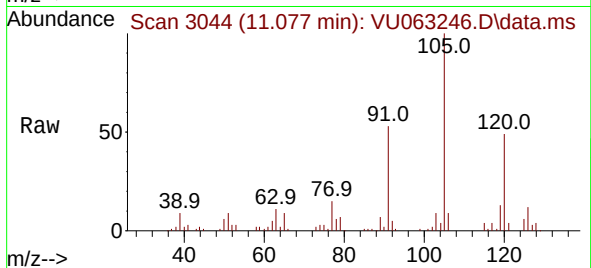
ClientSampleId :

Tgt Ion:105 Resp: 45393

Ion Ratio Lower Upper

105 100

120 47.1 37.3 55.9



#76

4-Chlorotoluene

Concen: 0.866 ug/l

RT: 11.090 min Scan# 3048

Delta R.T. 0.003 min

Lab File: VU063246.D

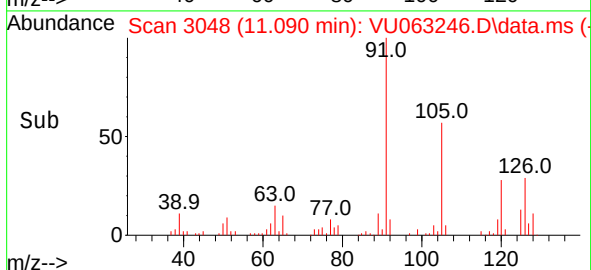
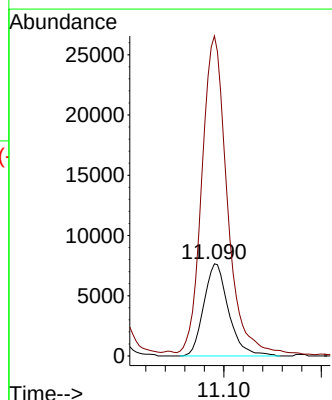
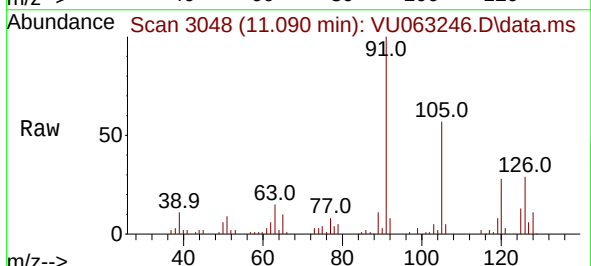
Acq: 11 Feb 2025 19:29

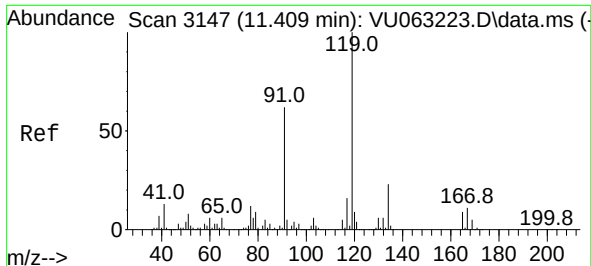
Tgt Ion:126 Resp: 13466

Ion Ratio Lower Upper

126 100

91 356.6 0.0 703.6

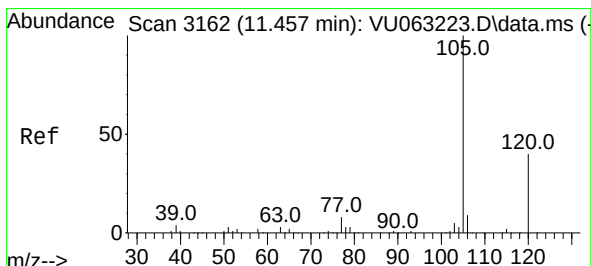
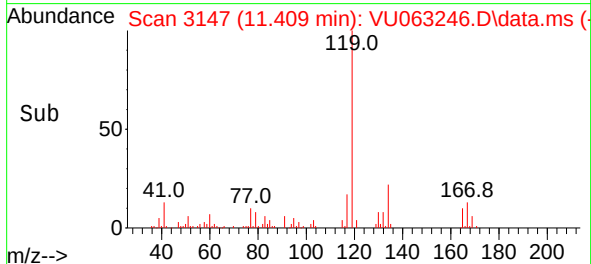
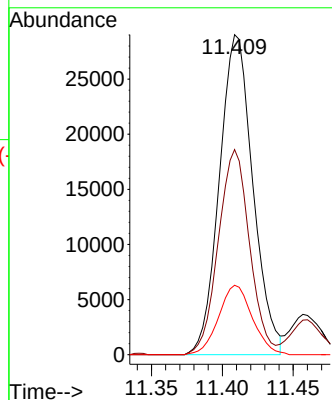
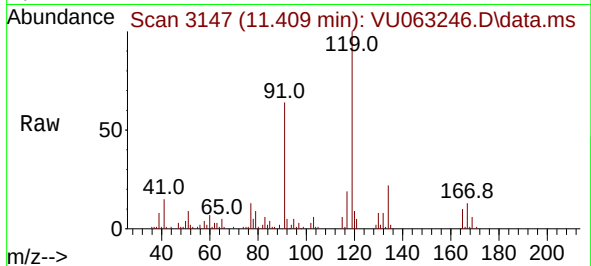




#77
tert-Butylbenzene
Concen: 0.887 ug/l
RT: 11.409 min Scan# 3147
Delta R.T. -0.000 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

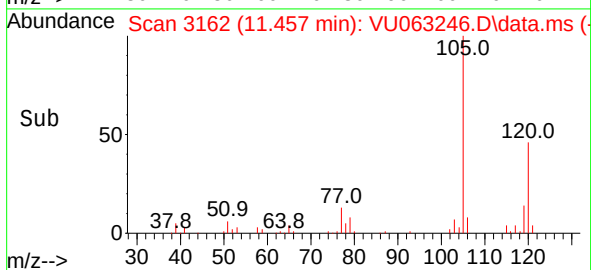
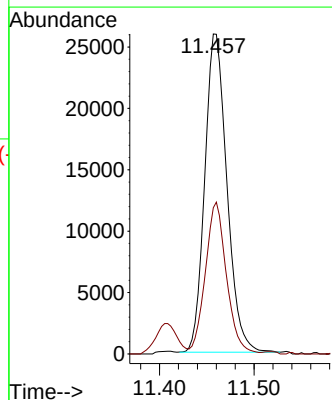
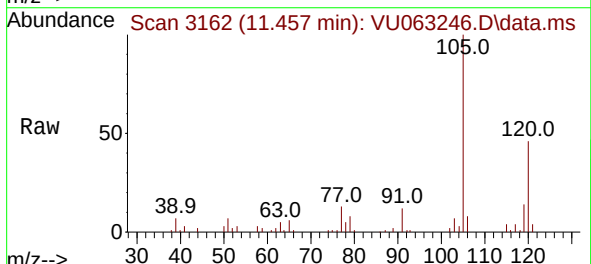
Instrument :
MSVOA_U
ClientSampleId :

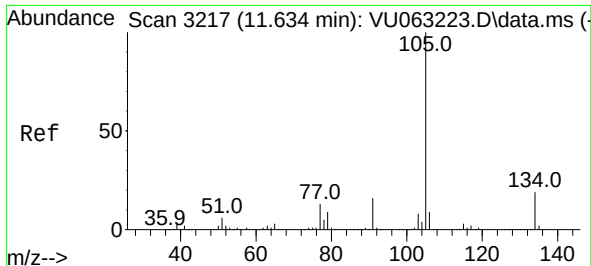
Tgt Ion:119 Resp: 47780
Ion Ratio Lower Upper
119 100
91 59.8 29.4 88.3
134 21.8 17.6 26.4



#78
1,2,4-Trimethylbenzene
Concen: 0.800 ug/l
RT: 11.457 min Scan# 3162
Delta R.T. -0.000 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

Tgt Ion:105 Resp: 42279
Ion Ratio Lower Upper
105 100
120 44.6 21.9 65.7





#79

sec-Butylbenzene

Concen: 0.904 ug/l

RT: 11.634 min Scan# 3217

Delta R.T. -0.000 min

Lab File: VU063246.D

Acq: 11 Feb 2025 19:29

Instrument :

MSVOA_U

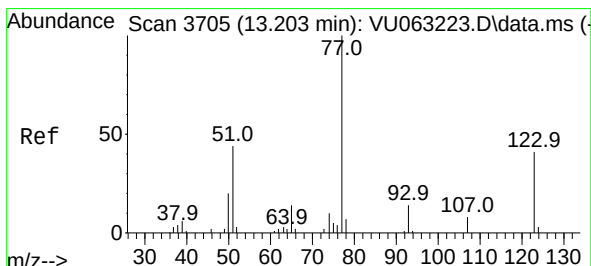
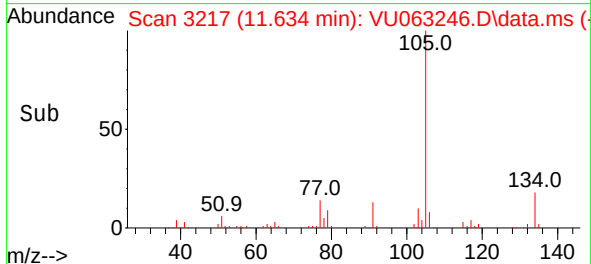
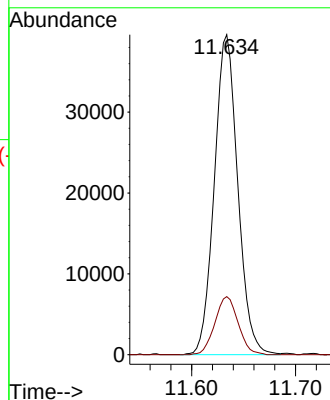
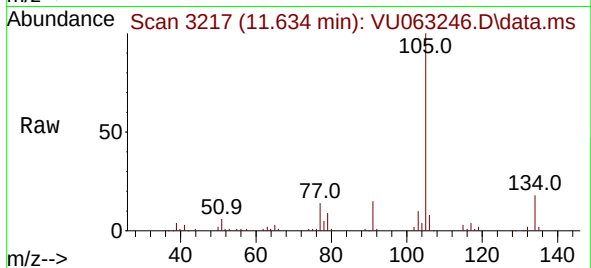
ClientSampleId :

Tgt Ion:105 Resp: 61994

Ion Ratio Lower Upper

105 100

134 18.0 15.1 22.7



#80

Nitrobenzene

Concen: 2.386 ug/l

RT: 13.241 min Scan# 3717

Delta R.T. 0.039 min

Lab File: VU063246.D

Acq: 11 Feb 2025 19:29

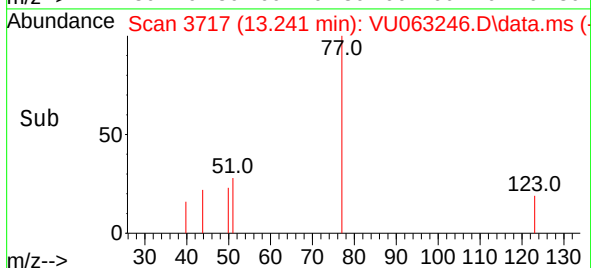
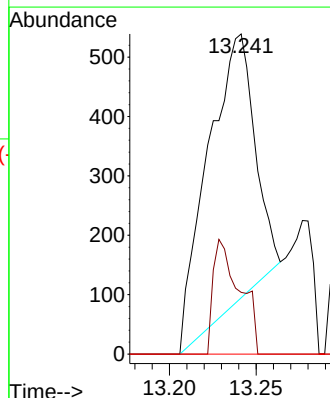
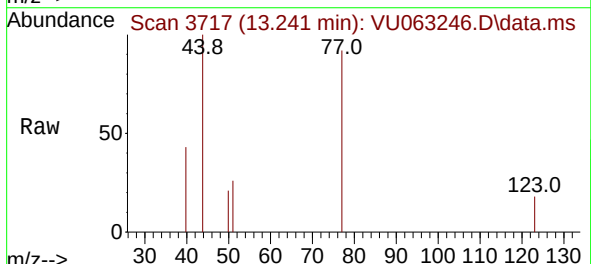
Tgt Ion: 77 Resp: 873

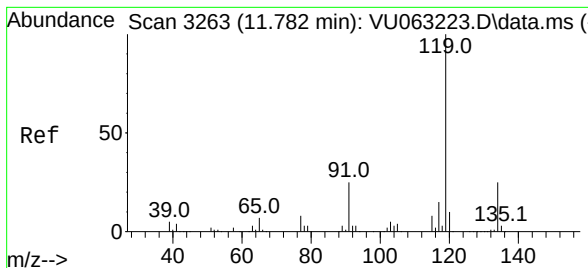
Ion Ratio Lower Upper

77 100

123 23.6 18.9 67.1

65 0.0 11.9 15.1#

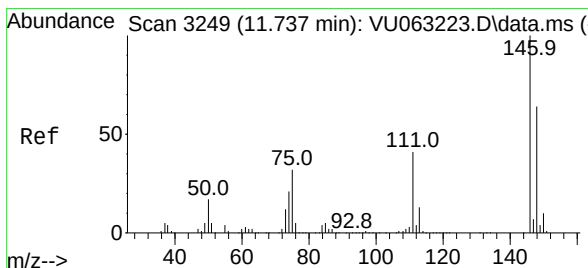
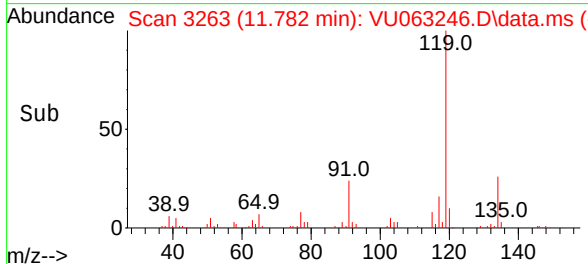
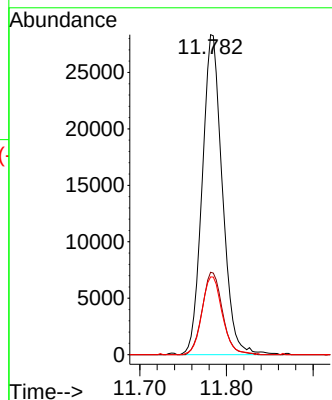
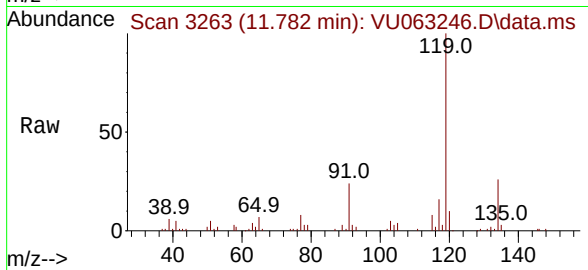




#81
 p-Isopropyltoluene
 Concen: 0.846 ug/l
 RT: 11.782 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU063246.D
 Acq: 11 Feb 2025 19:29

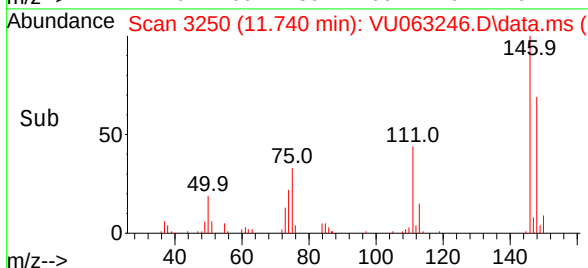
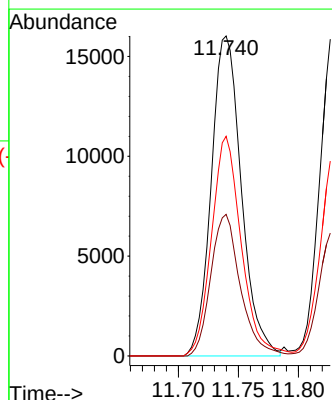
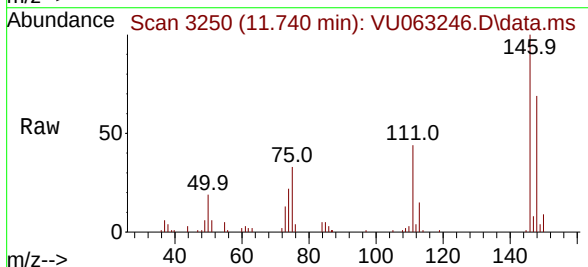
Instrument :
 MSVOA_U
 ClientSampleId :

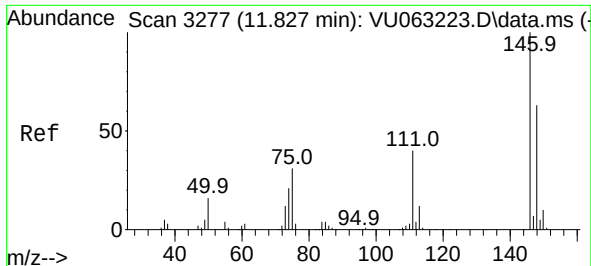
Tgt Ion:119 Resp: 45763
 Ion Ratio Lower Upper
 119 100
 134 25.9 20.3 30.5
 91 24.8 19.4 29.2



#82
 1,3-Dichlorobenzene
 Concen: 0.931 ug/l
 RT: 11.740 min Scan# 3250
 Delta R.T. 0.003 min
 Lab File: VU063246.D
 Acq: 11 Feb 2025 19:29

Tgt Ion:146 Resp: 27959
 Ion Ratio Lower Upper
 146 100
 111 43.5 32.8 49.2
 148 67.9 51.1 76.7





#83

1,4-Dichlorobenzene

Concen: 0.934 ug/l

RT: 11.830 min Scan# 3277

Delta R.T. 0.003 min

Lab File: VU063246.D

Acq: 11 Feb 2025 19:29

Instrument :

MSVOA_U

ClientSampleId :

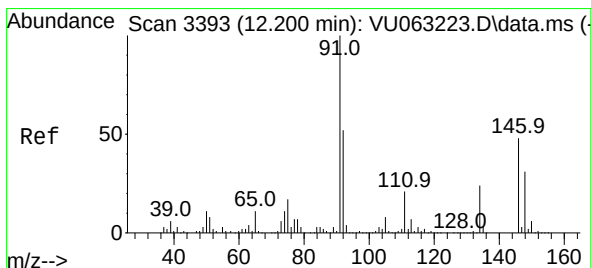
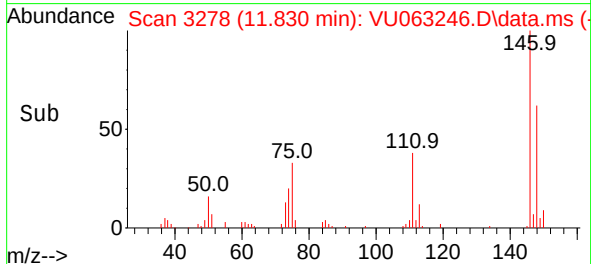
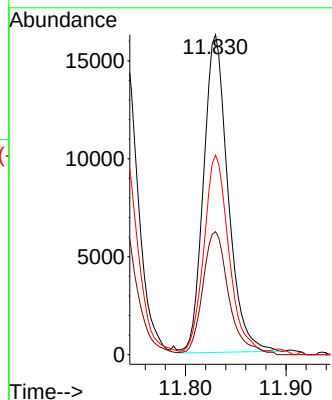
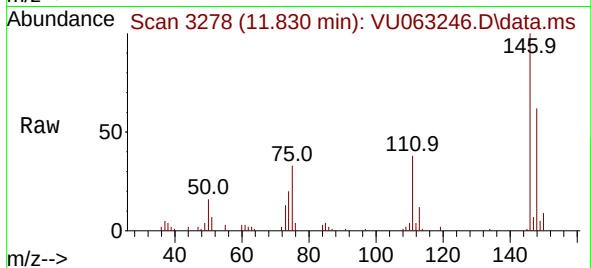
Tgt Ion:146 Resp: 27447

Ion Ratio Lower Upper

146 100

111 41.4 32.1 48.1

148 62.3 50.2 75.4



#84

n-Butylbenzene

Concen: 0.844 ug/l

RT: 12.203 min Scan# 3394

Delta R.T. 0.003 min

Lab File: VU063246.D

Acq: 11 Feb 2025 19:29

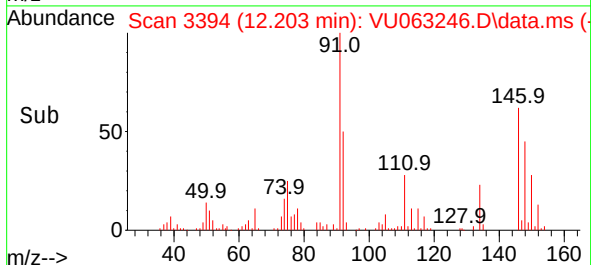
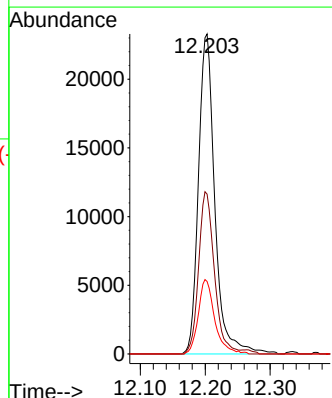
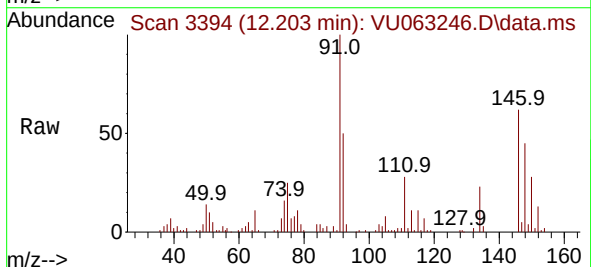
Tgt Ion: 91 Resp: 40948

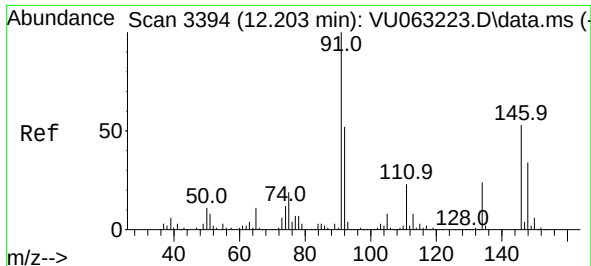
Ion Ratio Lower Upper

91 100

92 48.9 41.8 62.8

134 23.4 18.6 28.0





#85

1,2-Dichlorobenzene

Concen: 0.931 ug/l

RT: 12.206 min Scan# 3394

Delta R.T. 0.003 min

Lab File: VU063246.D

Acq: 11 Feb 2025 19:29

Instrument :

MSVOA_U

ClientSampleId :

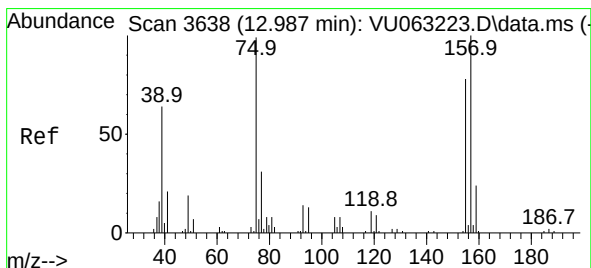
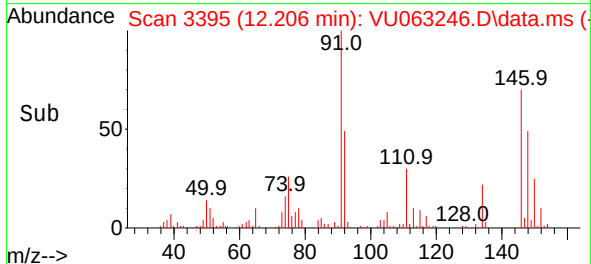
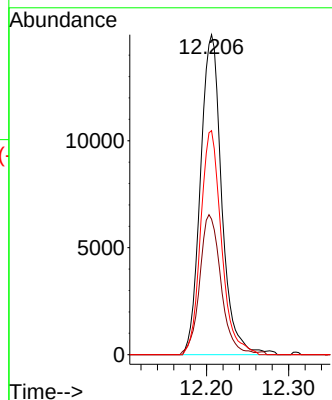
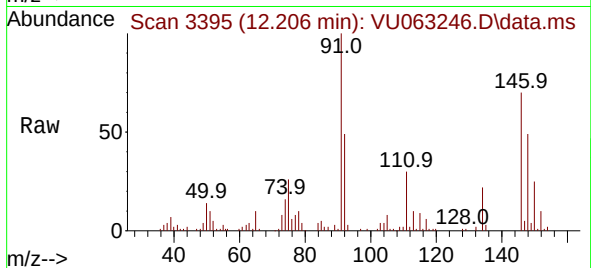
Tgt Ion:146 Resp: 26866

Ion Ratio Lower Upper

146 100

111 43.8 21.9 65.7

148 68.7 32.3 96.9



#86

1,2-Dibromo-3-Chloropropane

Concen: 0.774 ug/l

RT: 12.991 min Scan# 3639

Delta R.T. 0.003 min

Lab File: VU063246.D

Acq: 11 Feb 2025 19:29

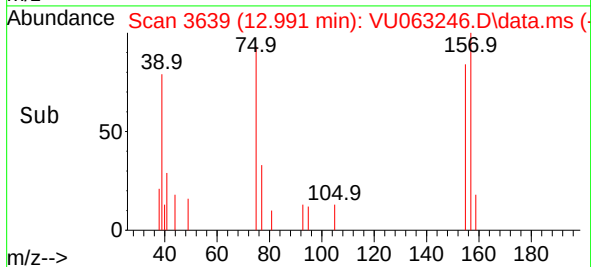
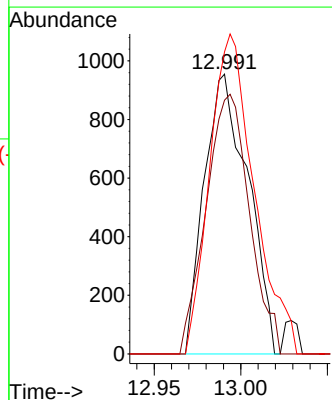
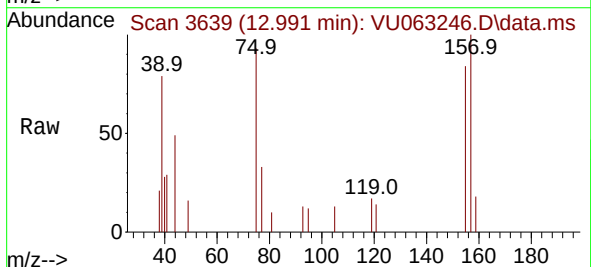
Tgt Ion: 75 Resp: 1672

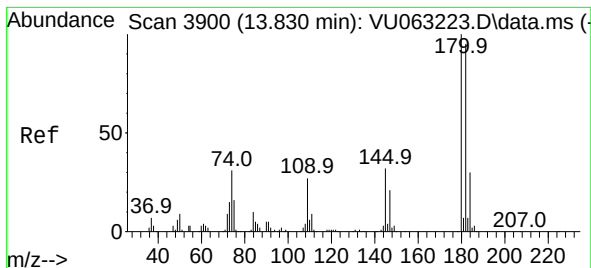
Ion Ratio Lower Upper

75 100

155 92.5 63.5 95.3

157 116.6 81.8 122.6





#87

1,2,4-Trichlorobenzene

Concen: 0.856 ug/l

RT: 13.836 min Scan# 3900

Delta R.T. 0.006 min

Lab File: VU063246.D

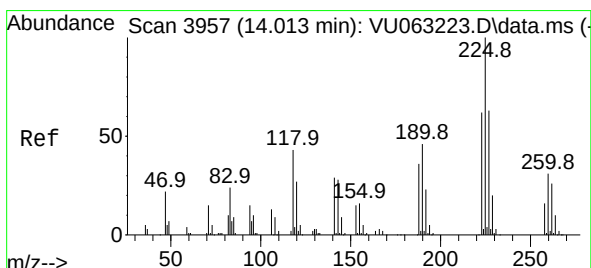
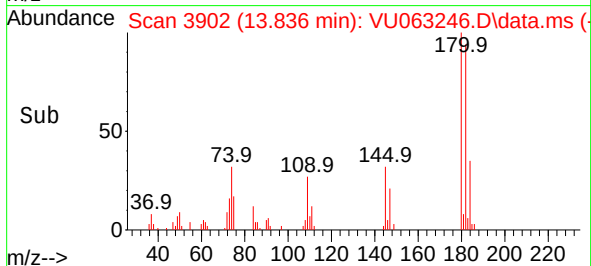
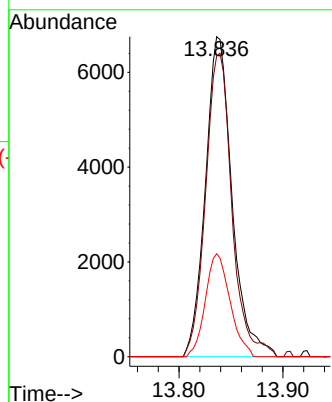
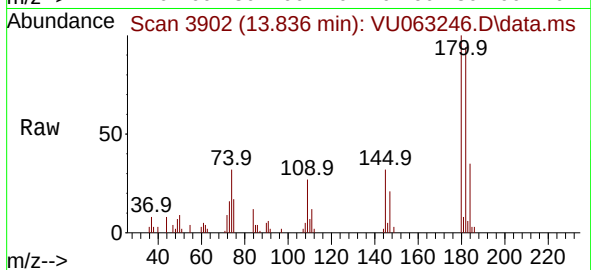
Acq: 11 Feb 2025 19:29

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180	Resp:	12041
Ion Ratio	Lower	Upper
180	100	
182	93.1	76.6 115.0
145	29.7	25.4 38.2



#88

Hexachlorobutadiene

Concen: 0.935 ug/l

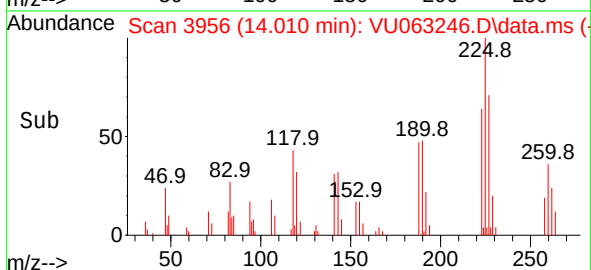
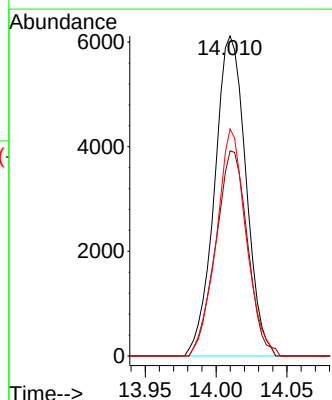
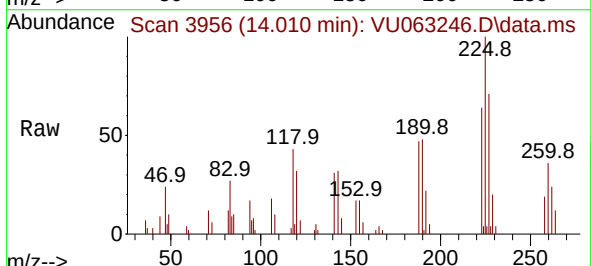
RT: 14.010 min Scan# 3956

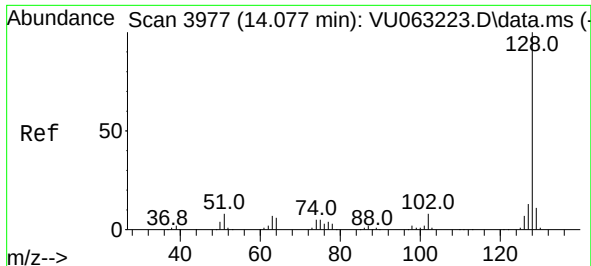
Delta R.T. -0.003 min

Lab File: VU063246.D

Acq: 11 Feb 2025 19:29

Tgt Ion:225	Resp:	9405
Ion Ratio	Lower	Upper
225	100	
223	65.1	49.5 74.3
227	67.5	51.0 76.4





#89

Naphthalene

Concen: 0.762 ug/l

RT: 14.087 min Scan# 3977

Delta R.T. 0.010 min

Lab File: VU063246.D

Acq: 11 Feb 2025 19:29

Instrument :

MSVOA_U

ClientSampleId :

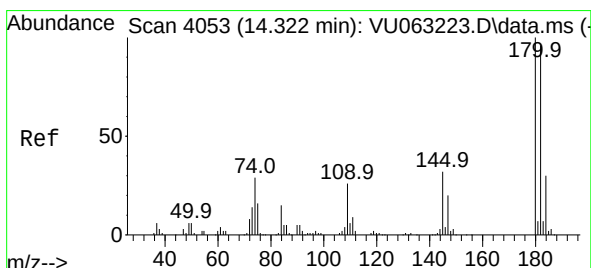
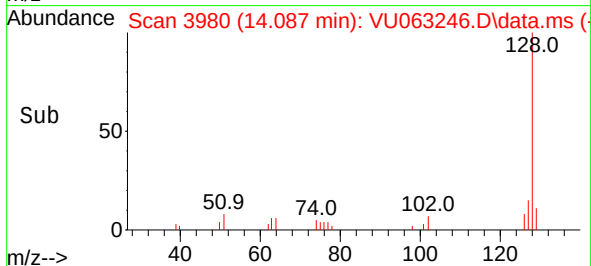
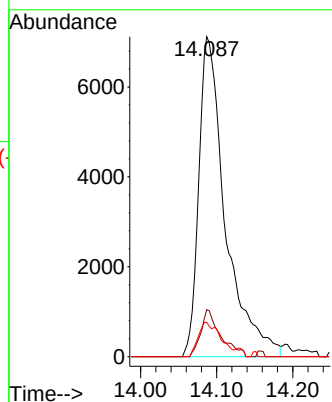
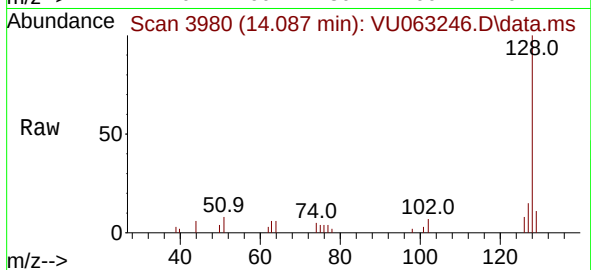
Tgt Ion:128 Resp: 17270

Ion Ratio Lower Upper

128 100

127 10.9 10.6 16.0

129 8.9 8.6 13.0



#90

1,2,3-Trichlorobenzene

Concen: 0.892 ug/l

RT: 14.325 min Scan# 4054

Delta R.T. 0.003 min

Lab File: VU063246.D

Acq: 11 Feb 2025 19:29

Tgt Ion:180 Resp: 12281

Ion Ratio Lower Upper

180 100

182 93.1 78.2 117.2

145 30.6 26.1 39.1

