

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021325\
 Data File : VU063264.D
 Acq On : 13 Feb 2025 13:42
 Operator : MD/SY
 Sample : VU0213WBS01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 14 04:44:20 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	49713	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	16859	1.028	ug/l	0.00
Spiked Amount	1.000		Recovery	=	103.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	16929	0.993	ug/l	0.00
Spiked Amount	1.000		Recovery	=	99.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	34534	2.138	ug/l	95
3) Chloromethane	1.518	50	39869	2.143	ug/l	98
4) Vinyl Chloride	1.599	62	39200	2.130	ug/l	98
5) Bromomethane	1.843	94	21418	2.382	ug/l	94
6) Chloroethane	1.923	64	23350	2.014	ug/l	99
7) Trichlorofluoromethane	2.129	101	46695	2.141	ug/l	95
8) 1,1,2-Trichloro-1,2,2-...	2.566	101	26777	2.163	ug/l	99
9) 1,1-Dichloroethene	2.570	96	26939	2.136	ug/l	100
10) Iodomethane	2.708	142	38154	1.924	ug/l	99
11) Allyl Chloride	2.914	41	38136	2.105	ug/l	99
12) Acrylonitrile	3.312	53	12169	4.183	ug/l	# 92
13) Acetone	2.618	43	24529	10.966	ug/l	100
14) Carbon Disulfide	2.782	76	93411	2.118	ug/l	99
15) Methylene Chloride	3.033	84	33760	2.167	ug/l	97
16) trans-1,2-Dichloroethene	3.341	96	31108	2.161	ug/l	99
17) 1,1-Dichloroethane	3.856	63	59047	2.176	ug/l	99
18) 2-Butanone	4.701	43	36232	10.178	ug/l	97
19) Cyclohexane	5.377	56	40510	1.858	ug/l	90
20) Methylcyclohexane	6.753	83	45601	2.109	ug/l	99
21) 2,2-Dichloropropane	4.650	77	43173	2.040	ug/l	99
22) cis-1,2-Dichloroethene	4.653	96	33849	2.176	ug/l	98
23) Diethyl Ether	2.367	59	22594	2.088	ug/l	98
24) tert-Butyl Alcohol	3.168	59	29029	21.127	ug/l	# 93
25) Methyl tert-Butyl Ether	3.348	73	66280	2.104	ug/l	98
26) Bromochloromethane	4.962	128	14888	2.190	ug/l	99
27) Chloroform	5.074	83	57911	2.115	ug/l	98
28) 1,1,1-Trichloroethane	5.303	97	47889	2.159	ug/l	98
29) 1,1-Dichloropropene	5.515	75	41318	2.080	ug/l	97
30) Carbon Tetrachloride	5.512	117	40821	2.146	ug/l	98
31) Isopropyl Ether	3.978	45	79132	2.043	ug/l	96
32) Ethyl-t-butyl ether	4.486	59	72442	2.056	ug/l	99
33) Tert-Amyl methyl ether	5.926	73	64979	2.111	ug/l	99
34) Propionitrile	4.775	54	11252	10.479	ug/l	# 97
35) Benzene	5.763	78	131079	2.146	ug/l	99
36) 1,2-Dichloroethane	5.782	62	37320	2.117	ug/l	100
37) Trichloroethene	6.534	130	31314	2.156	ug/l	98
38) 1,2-Dichloropropane	6.779	63	34039	2.129	ug/l	96
39) Methacrylonitrile	4.972	41	7993	1.997	ug/l	94
40) Methyl acrylate	4.853	55	10761	1.459	ug/l	# 80
41) Tetrahydrofuran	5.049	42	9080	3.902	ug/l	96
42) 1-Chlorobutane	5.447	56	56663	2.085	ug/l	100
43) Dibromomethane	6.910	93	17120	2.115	ug/l	98
44) Bromodichloromethane	7.094	83	41195	2.186	ug/l	99

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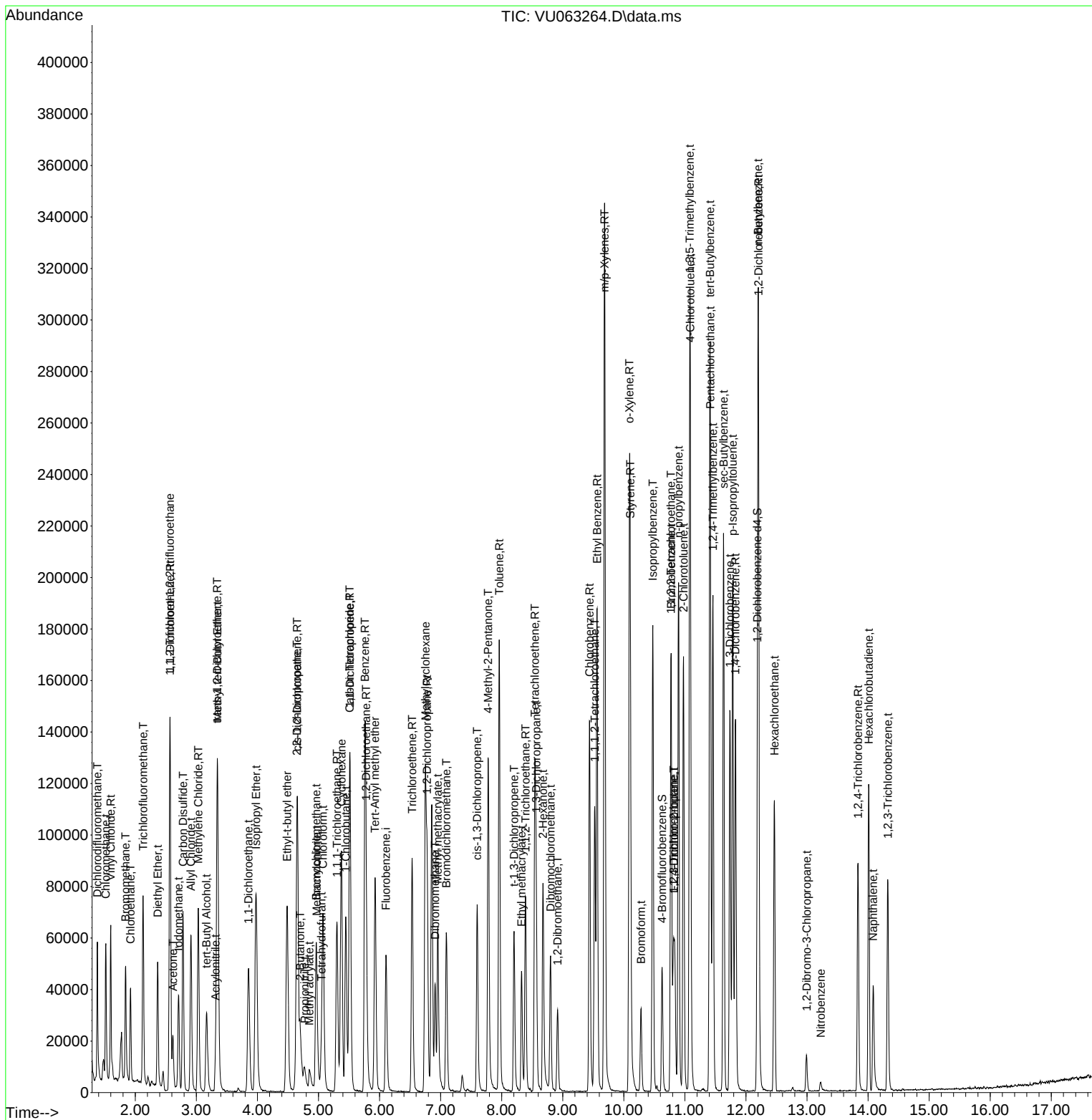
Instrument :
 MSVOA_U
 ClientSampleId :

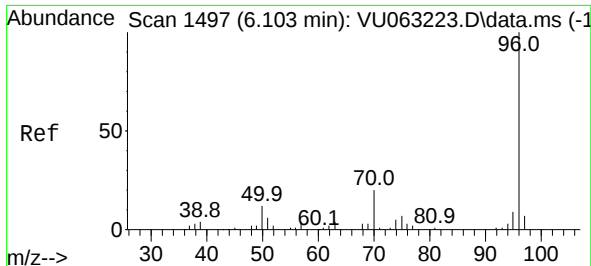
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021025DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.778	43	88051	10.374	ug/l	98
46) t-1,4-Dichloro-2-butene	10.817	75	35837	8.982	ug/l #	50
47) Methyl methacrylate	6.952	69	28345	4.157	ug/l	96
48) Ethyl methacrylate	8.325	69	25480	1.990	ug/l	95
49) Toluene	7.962	92	74130	2.110	ug/l	99
50) t-1,3-Dichloropropene	8.203	75	35922	2.082	ug/l	98
51) cis-1,3-Dichloropropene	7.598	75	43661	2.049	ug/l	97
52) 1,1,2-Trichloroethane	8.393	97	23993	2.198	ug/l	97
53) 1,3-Dichloropropane	8.566	76	42329	2.184	ug/l	99
54) 2-Hexanone	8.676	43	56755	9.799	ug/l	96
55) Dibromochloromethane	8.801	129	26299	2.094	ug/l	95
56) 1,2-Dibromoethane	8.917	107	22640	2.211	ug/l	99
58) Tetrachloroethene	8.544	164	26557	2.218	ug/l	99
59) Chlorobenzene	9.441	112	80078	2.160	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.524	131	28448	2.135	ug/l	98
61) Pentachloroethane	11.418	117	25817	2.169	ug/l	95
62) Hexachloroethane	12.466	117	21992	2.088	ug/l	100
63) Ethyl Benzene	9.563	91	130110	2.035	ug/l	98
64) m/p-Xylenes	9.685	106	100610	4.213	ug/l	98
65) o-Xylene	10.094	106	48889	2.091	ug/l	99
66) Styrene	10.106	104	77415	2.081	ug/l	99
67) Bromoform	10.283	173	14977	2.101	ug/l	98
69) Isopropylbenzene	10.476	105	113999	2.074	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.772	83	31391	2.134	ug/l	99
71) 1,2,3-Trichloropropane	10.817	75	35837	3.242	ug/l #	75
72) Bromobenzene	10.775	156	32233	2.177	ug/l	97
73) n-propylbenzene	10.897	120	33301	2.116	ug/l	100
74) 2-Chlorotoluene	10.978	126	31471	2.170	ug/l	100
75) 1,3,5-Trimethylbenzene	11.081	105	108102	2.123	ug/l	99
76) 4-Chlorotoluene	11.090	126	31896	2.145	ug/l	96
77) tert-Butylbenzene	11.412	119	108110	2.099	ug/l	99
78) 1,2,4-Trimethylbenzene	11.460	105	107772	2.133	ug/l	100
79) sec-Butylbenzene	11.634	105	142624	2.175	ug/l	99
80) Nitrobenzene	13.225	77	2195	8.490	ug/l #	82
81) p-Isopropyltoluene	11.785	119	106202	2.052	ug/l	98
82) 1,3-Dichlorobenzene	11.740	146	61598	2.145	ug/l	99
83) 1,4-Dichlorobenzene	11.830	146	60439	2.151	ug/l	99
84) n-Butylbenzene	12.200	91	95901	2.067	ug/l	99
85) 1,2-Dichlorobenzene	12.206	146	58198	2.108	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.994	75	4410	2.136	ug/l	92
87) 1,2,4-Trichlorobenzene	13.836	180	29346	2.180	ug/l	96
88) Hexachlorobutadiene	14.013	225	20891	2.171	ug/l	96
89) Naphthalene	14.084	128	41543	2.037	ug/l	98
90) 1,2,3-Trichlorobenzene	14.325	180	27174	2.063	ug/l	98

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

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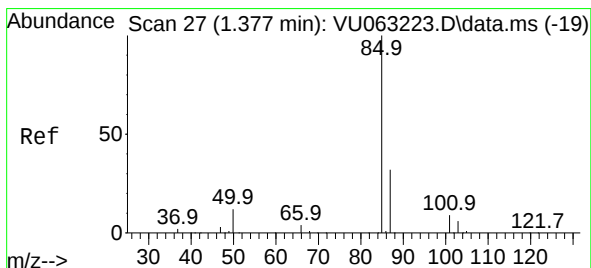
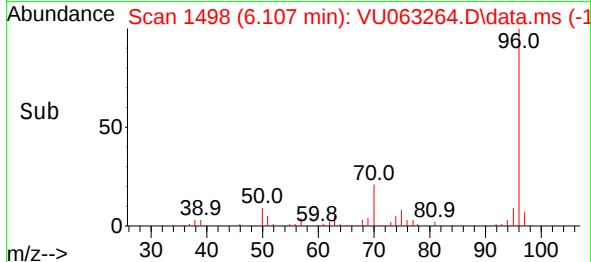
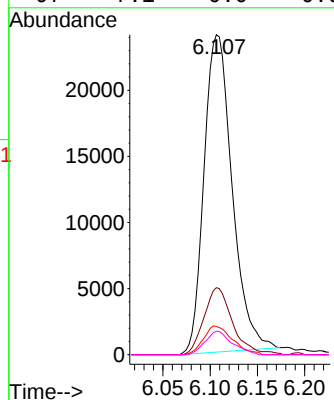
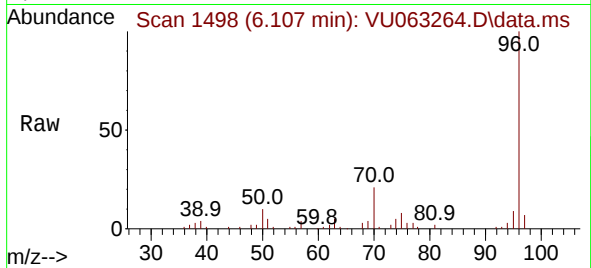




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.107 min Scan# 14
Delta R.T. 0.004 min
Lab File: VU063264.D
Acq: 13 Feb 2025 13:42

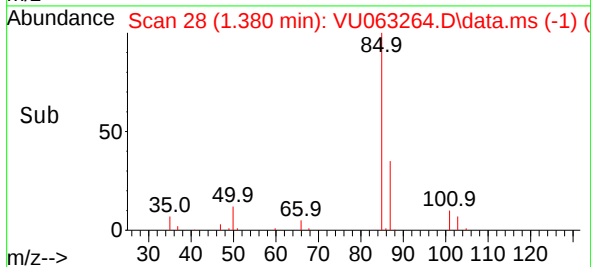
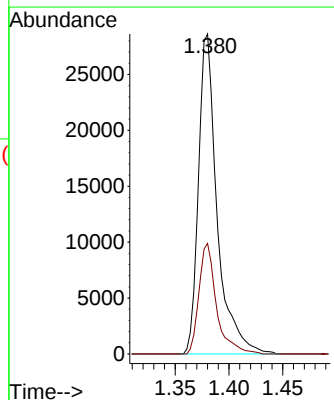
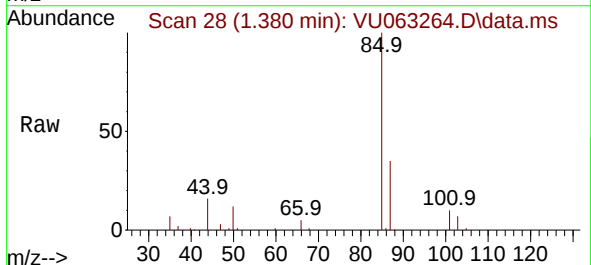
Instrument :
MSVOA_U
ClientSampleId :

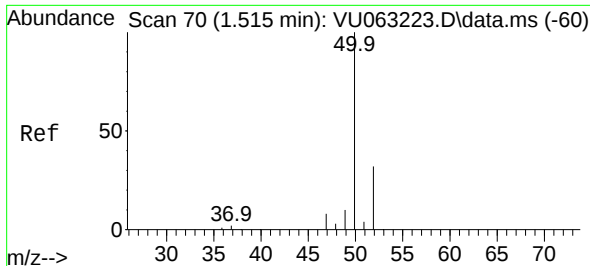
Tgt Ion: 96 Resp: 49713
Ion Ratio Lower Upper
96 100
70 21.5 15.6 23.4
95 9.3 7.3 10.9
97 7.1 0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 2.138 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.003 min
Lab File: VU063264.D
Acq: 13 Feb 2025 13:42

Tgt Ion: 85 Resp: 34534
Ion Ratio Lower Upper
85 100
87 34.5 16.0 48.0

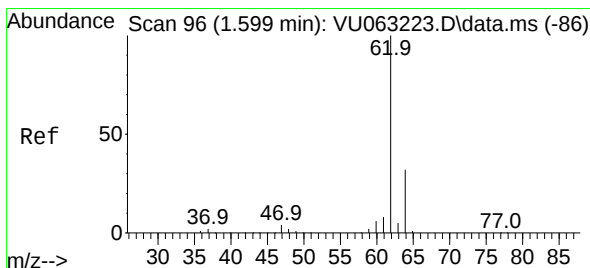
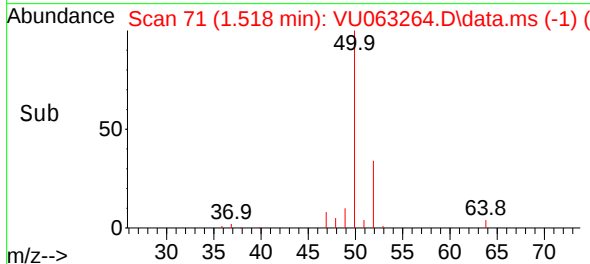
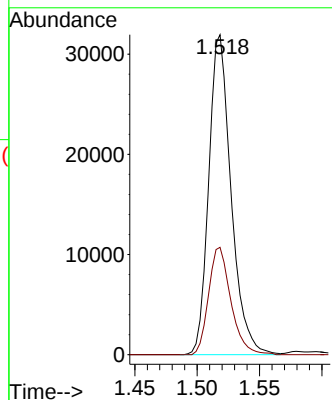
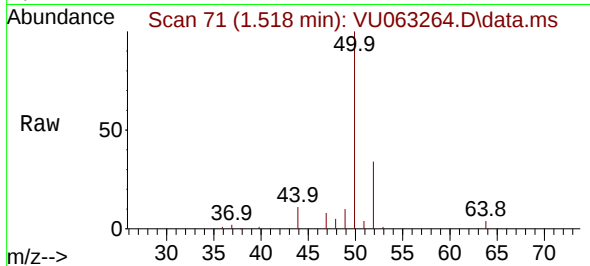




#3
Chloromethane
Concen: 2.143 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU063264.D
Acq: 13 Feb 2025 13:42

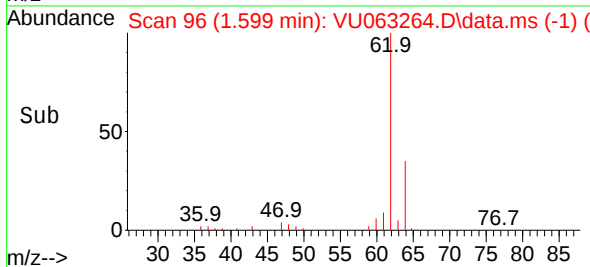
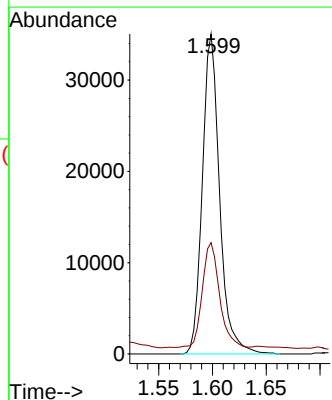
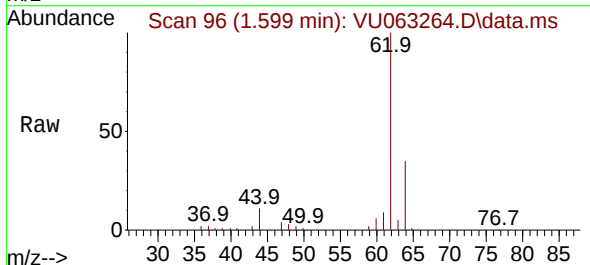
Instrument :
MSVOA_U
ClientSampleId :

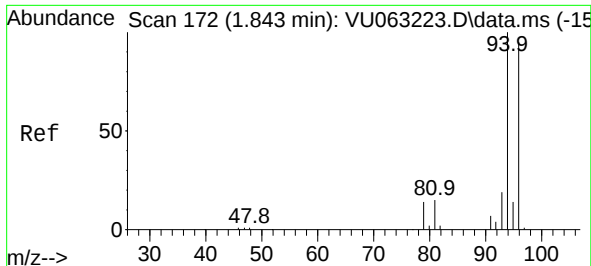
Tgt Ion: 50 Resp: 39869
Ion Ratio Lower Upper
50 100
52 33.5 25.8 38.8



#4
Vinyl Chloride
Concen: 2.130 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063264.D
Acq: 13 Feb 2025 13:42

Tgt Ion: 62 Resp: 39200
Ion Ratio Lower Upper
62 100
64 32.7 25.4 38.0

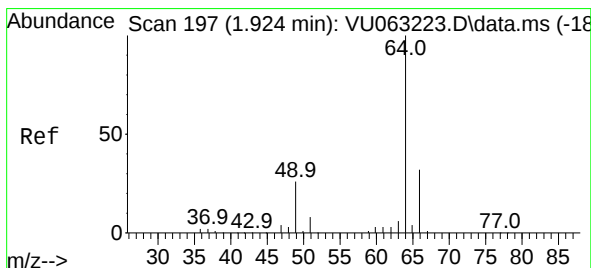
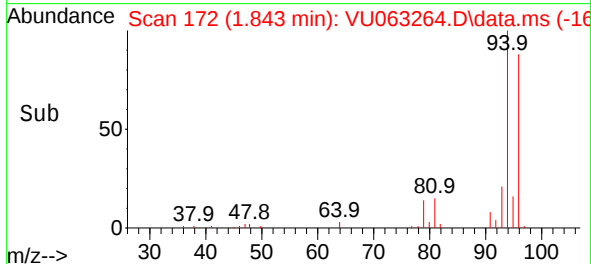
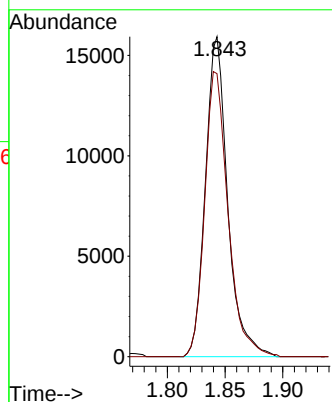
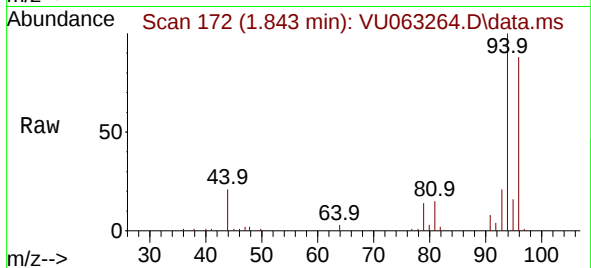




#5
Bromomethane
Concen: 2.382 ug/l
RT: 1.843 min Scan# 172
Delta R.T. 0.000 min
Lab File: VU063264.D
Acq: 13 Feb 2025 13:42

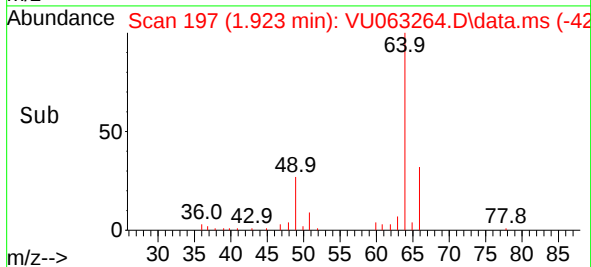
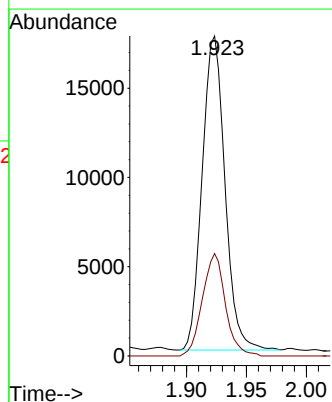
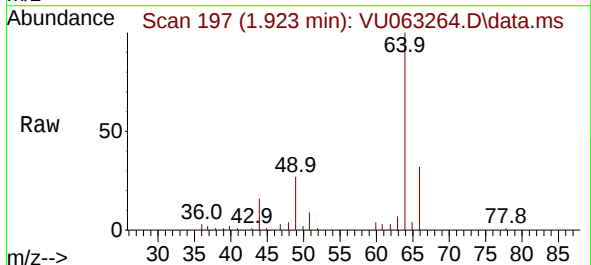
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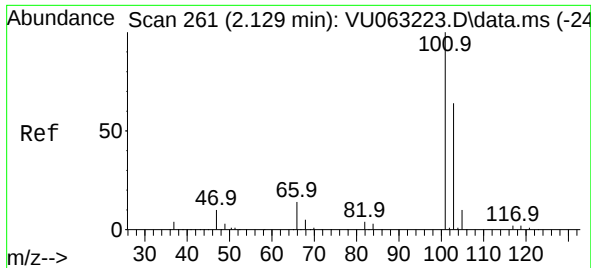
Tgt Ion: 94 Resp: 21418
Ion Ratio Lower Upper
94 100
96 88.4 75.7 113.5



#6
Chloroethane
Concen: 2.014 ug/l
RT: 1.923 min Scan# 197
Delta R.T. -0.000 min
Lab File: VU063264.D
Acq: 13 Feb 2025 13:42

Tgt Ion: 64 Resp: 23350
Ion Ratio Lower Upper
64 100
66 32.6 25.8 38.8

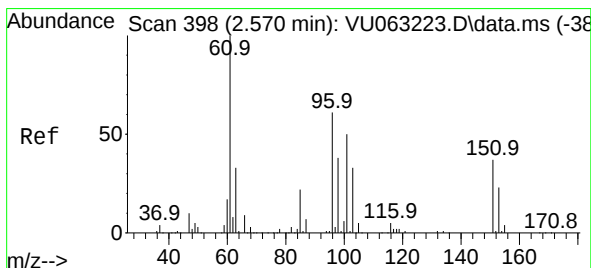
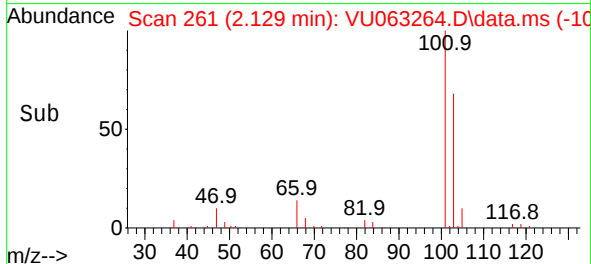
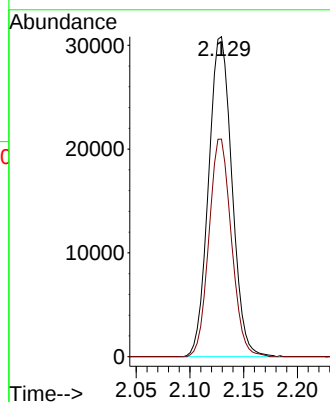
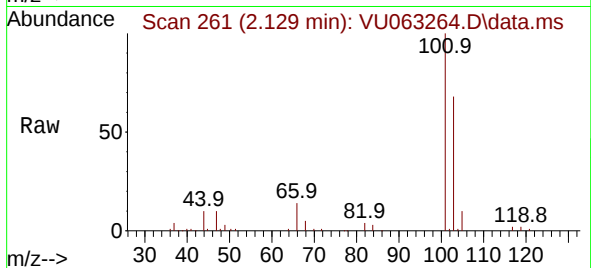




#7
Trichlorofluoromethane
Concen: 2.141 ug/l
RT: 2.129 min Scan# 20
Delta R.T. -0.000 min
Lab File: VU063264.D
Acq: 13 Feb 2025 13:42

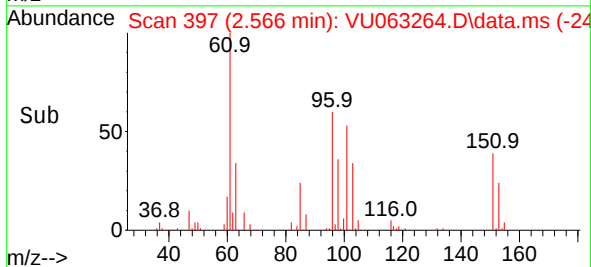
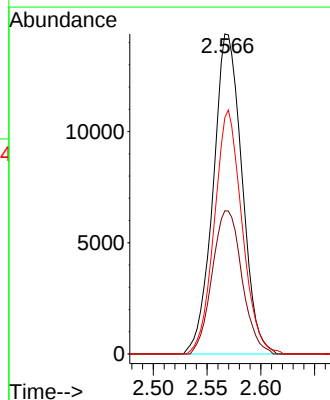
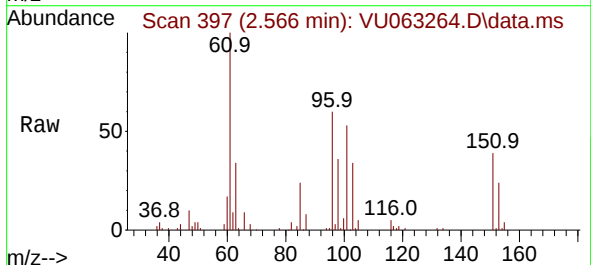
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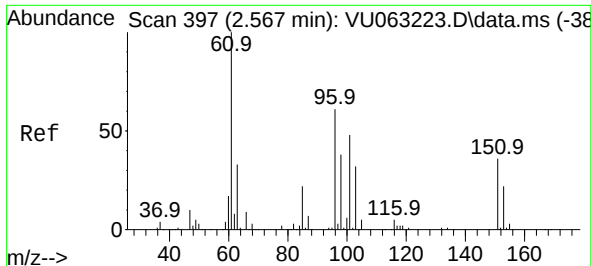
Tgt Ion:101 Resp: 46695
Ion Ratio Lower Upper
101 100
103 68.0 51.4 77.2



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.163 ug/l
RT: 2.566 min Scan# 397
Delta R.T. -0.003 min
Lab File: VU063264.D
Acq: 13 Feb 2025 13:42

Tgt Ion:101 Resp: 26777
Ion Ratio Lower Upper
101 100
85 46.2 35.4 53.0
151 73.4 58.5 87.7

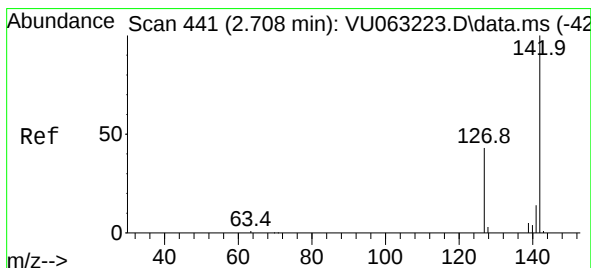
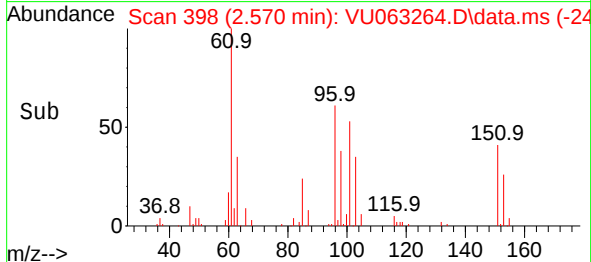
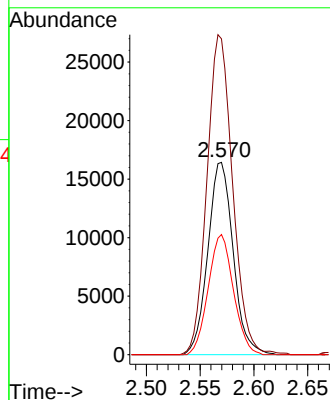
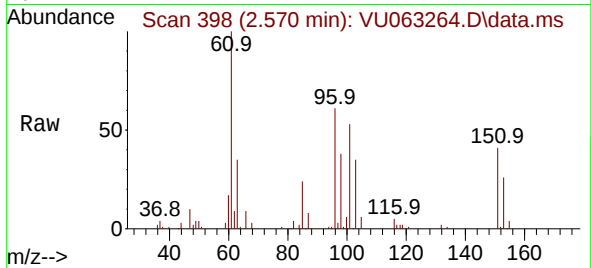




#9
1,1-Dichloroethene
Concen: 2.136 ug/l
RT: 2.570 min Scan# 397
Delta R.T. 0.003 min
Lab File: VU063264.D
Acq: 13 Feb 2025 13:42

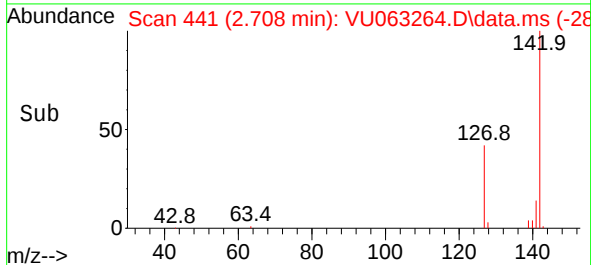
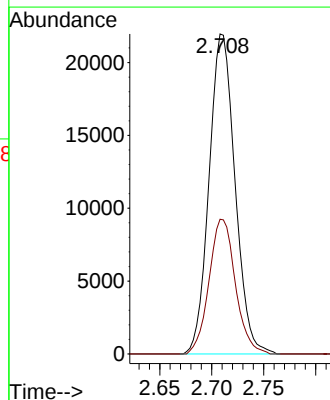
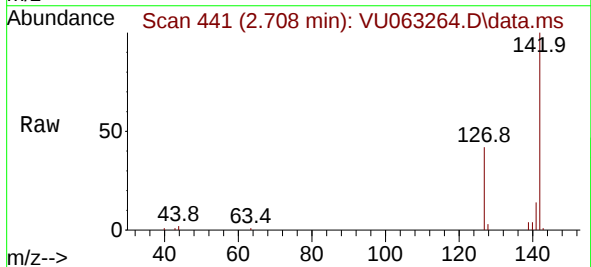
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ClientSampleId :

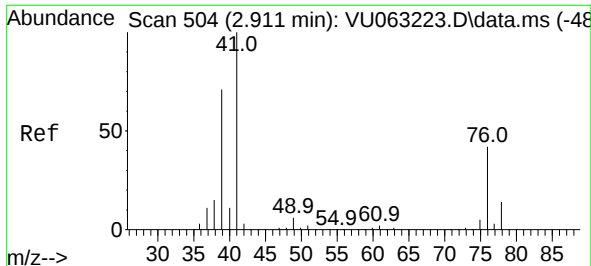
Tgt Ion: 96 Resp: 26939
Ion Ratio Lower Upper
96 100
61 164.1 0.0 492.9
98 62.4 0.0 124.0



#10
Iodomethane
Concen: 1.924 ug/l
RT: 2.708 min Scan# 441
Delta R.T. -0.000 min
Lab File: VU063264.D
Acq: 13 Feb 2025 13:42

Tgt Ion: 142 Resp: 38154
Ion Ratio Lower Upper
142 100
127 42.7 34.5 51.7

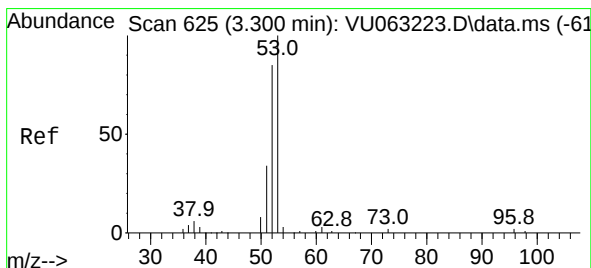
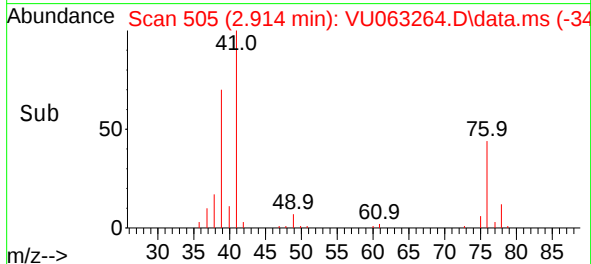
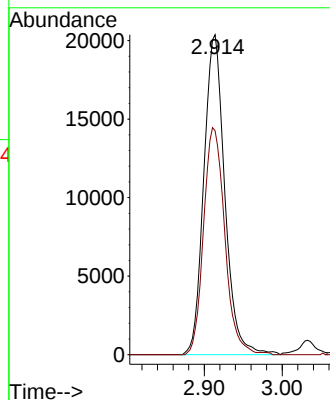
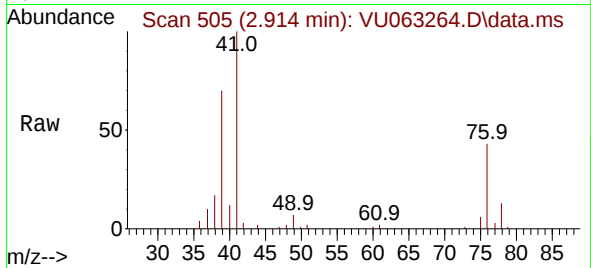




#11
 Allyl Chloride
 Concen: 2.105 ug/l
 RT: 2.914 min Scan# 504
 Delta R.T. 0.003 min
 Lab File: VU063264.D
 Acq: 13 Feb 2025 13:42

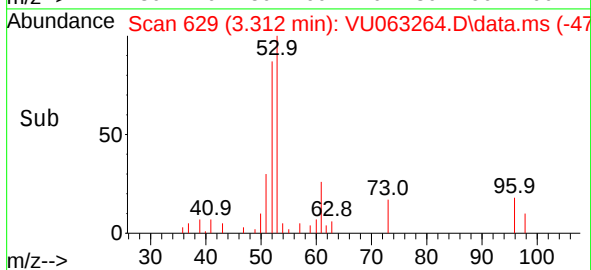
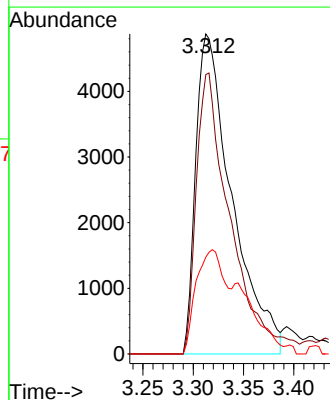
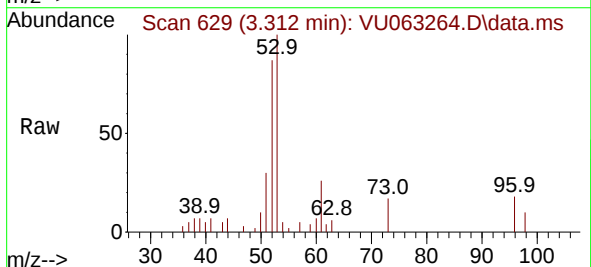
Instrument :
 MSVOA_U
 ClientSampleId :

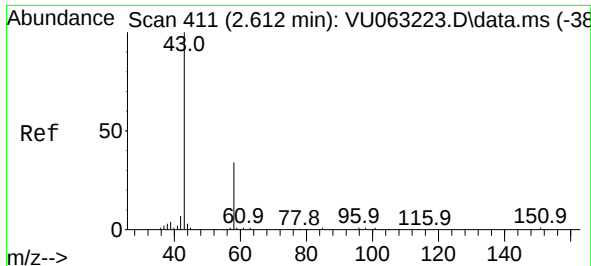
Tgt Ion: 41 Resp: 38136
 Ion Ratio Lower Upper
 41 100
 39 71.5 57.9 86.9



#12
 Acrylonitrile
 Concen: 4.183 ug/l
 RT: 3.312 min Scan# 629
 Delta R.T. 0.013 min
 Lab File: VU063264.D
 Acq: 13 Feb 2025 13:42

Tgt Ion: 53 Resp: 12169
 Ion Ratio Lower Upper
 53 100
 52 82.3 64.2 96.2
 51 26.9 30.8 46.2#





#13

Acetone

Concen: 10.966 ug/l

RT: 2.618 min Scan# 411

Delta R.T. 0.006 min

Lab File: VU063264.D

Acq: 13 Feb 2025 13:42

Instrument :

MSVOA_U

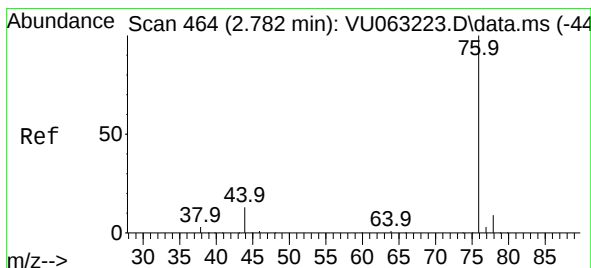
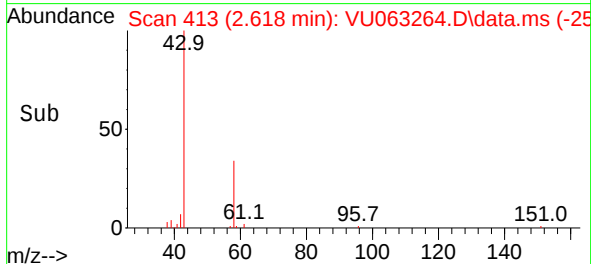
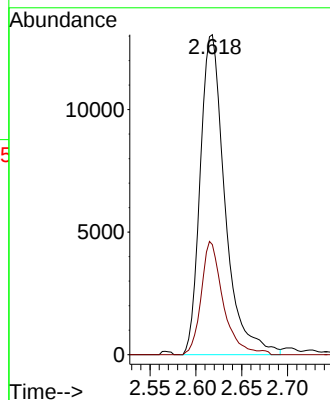
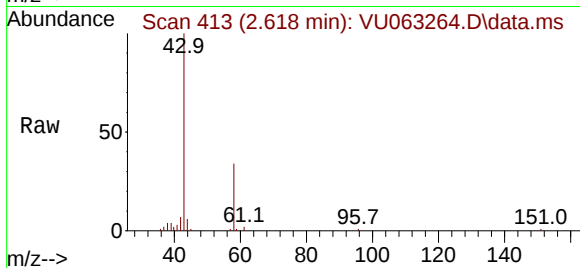
ClientSampleId :

Tgt Ion: 43 Resp: 24529

Ion Ratio Lower Upper

43 100

58 34.4 27.4 41.0



#14

Carbon Disulfide

Concen: 2.118 ug/l

RT: 2.782 min Scan# 464

Delta R.T. -0.000 min

Lab File: VU063264.D

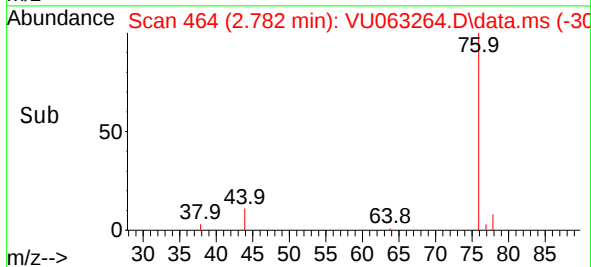
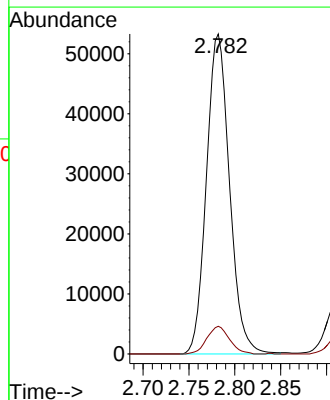
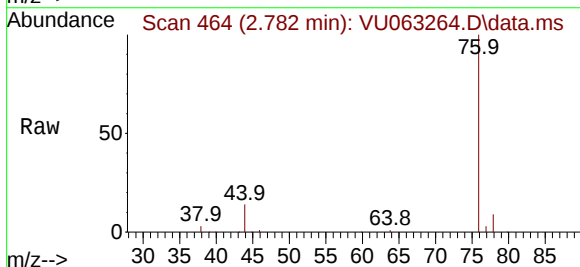
Acq: 13 Feb 2025 13:42

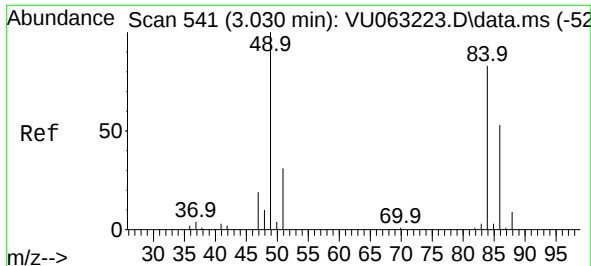
Tgt Ion: 76 Resp: 93411

Ion Ratio Lower Upper

76 100

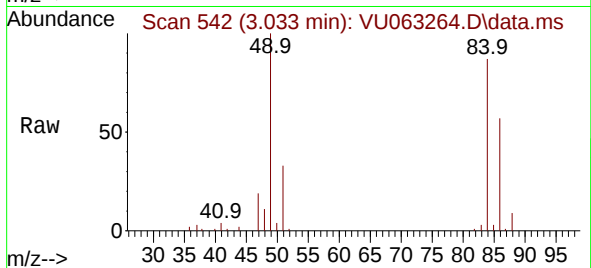
78 8.7 7.2 10.8



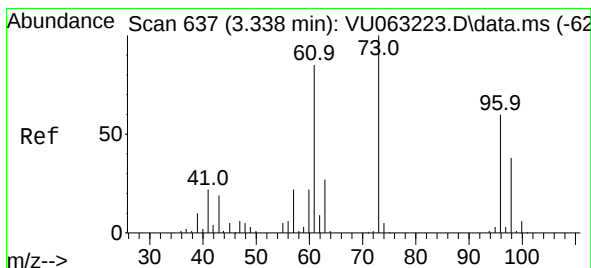
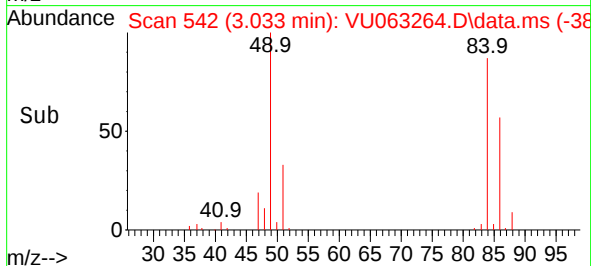
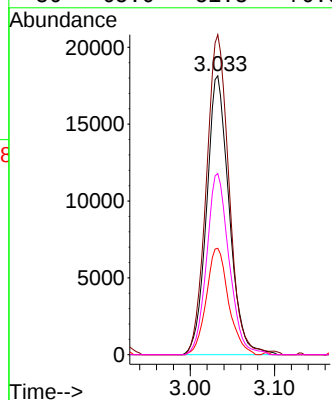


#15
Methylene Chloride
Concen: 2.167 ug/l
RT: 3.033 min Scan# 541
Delta R.T. 0.003 min
Lab File: VU063264.D
Acq: 13 Feb 2025 13:42

Instrument :
MSVOA_U
ClientSampleId :

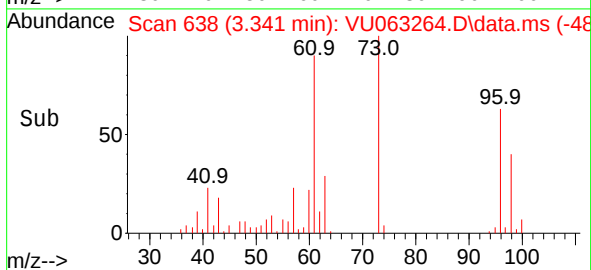
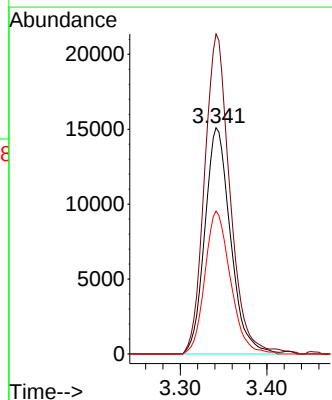
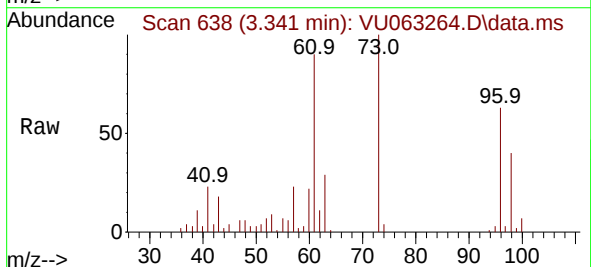


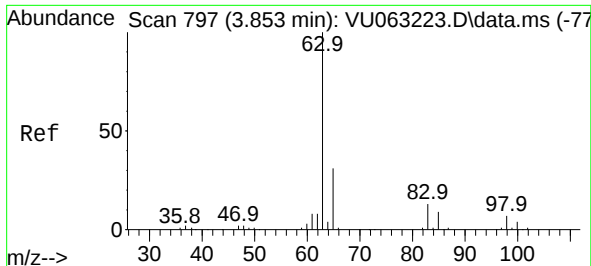
Tgt Ion: 84 Resp: 33760
Ion Ratio Lower Upper
84 100
49 114.8 96.4 144.6
51 38.2 0.0 74.8
86 65.0 51.3 76.9



#16
trans-1,2-Dichloroethene
Concen: 2.161 ug/l
RT: 3.341 min Scan# 638
Delta R.T. 0.003 min
Lab File: VU063264.D
Acq: 13 Feb 2025 13:42

Tgt Ion: 96 Resp: 31108
Ion Ratio Lower Upper
96 100
61 141.5 113.4 170.2
98 63.1 51.2 76.8

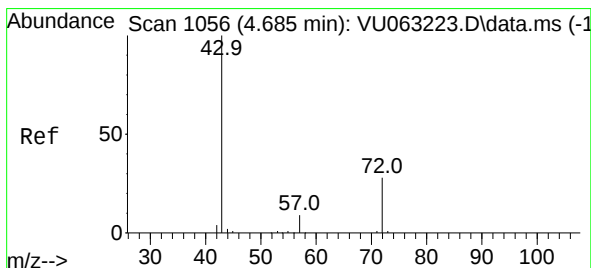
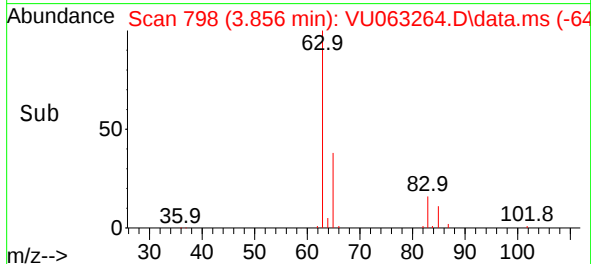
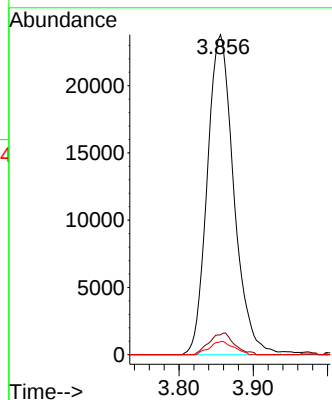
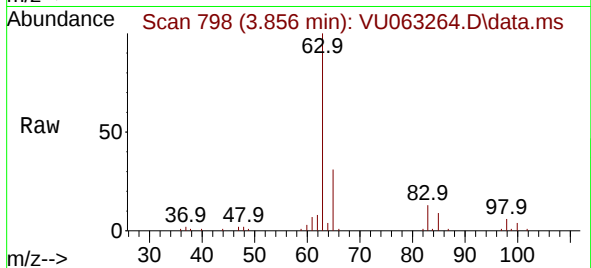




#17
1,1-Dichloroethane
Concen: 2.176 ug/l
RT: 3.856 min Scan# 797
Delta R.T. 0.003 min
Lab File: VU063264.D
Acq: 13 Feb 2025 13:42

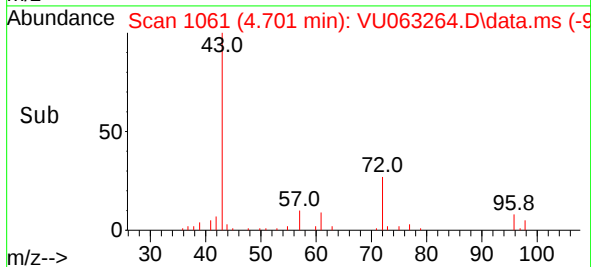
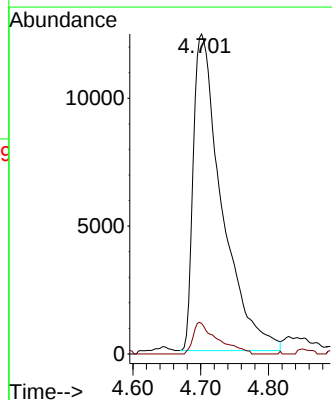
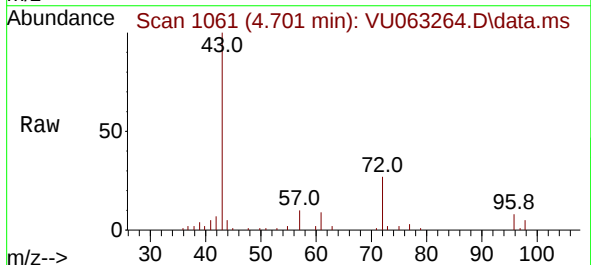
Instrument :
MSVOA_U
ClientSampleId :

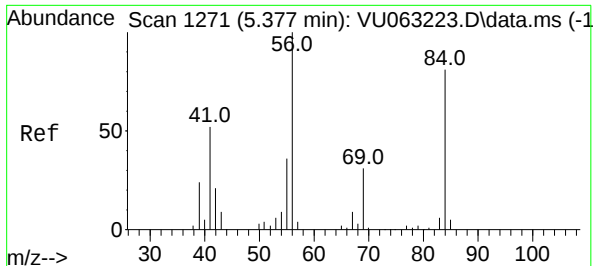
Tgt Ion: 63 Resp: 59047
Ion Ratio Lower Upper
63 100
98 6.2 3.3 9.9
100 4.1 2.1 6.2



#18
2-Butanone
Concen: 10.178 ug/l
RT: 4.701 min Scan# 1061
Delta R.T. 0.016 min
Lab File: VU063264.D
Acq: 13 Feb 2025 13:42

Tgt Ion: 43 Resp: 36232
Ion Ratio Lower Upper
43 100
57 9.6 0.0 17.0

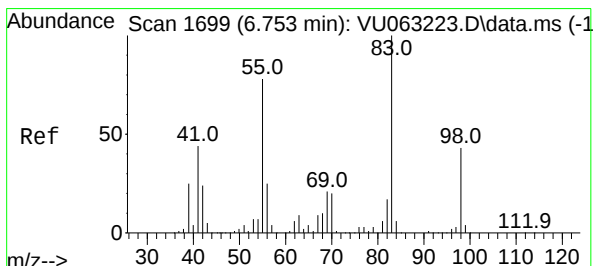
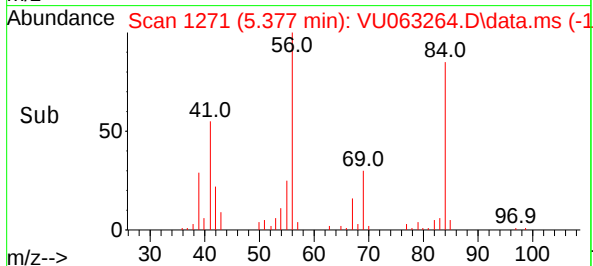
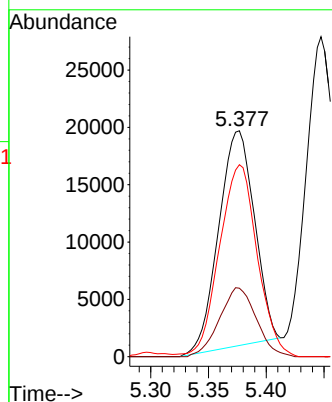
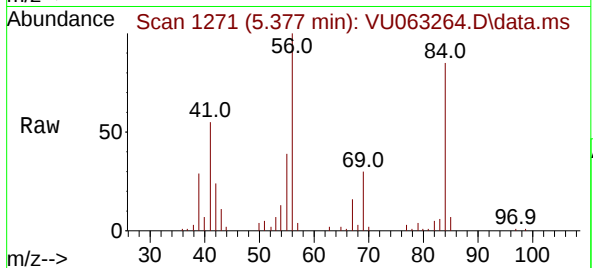




#19
Cyclohexane
Concen: 1.858 ug/l
RT: 5.377 min Scan# 1271
Delta R.T. -0.000 min
Lab File: VU063264.D
Acq: 13 Feb 2025 13:42

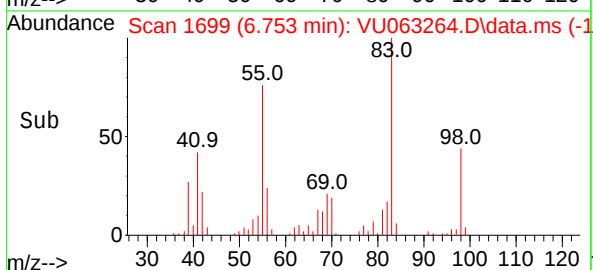
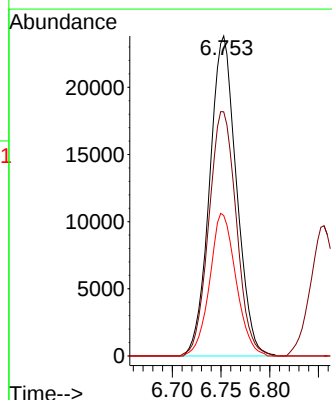
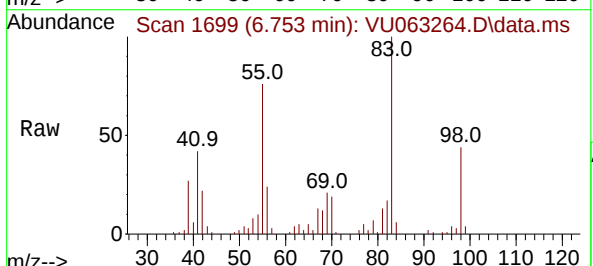
Instrument :
MSVOA_U
ClientSampleId :

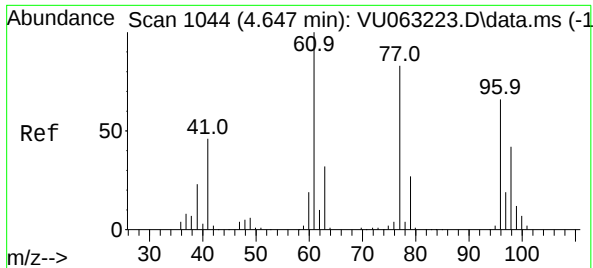
Tgt Ion:	56	Resp:	40510
Ion Ratio	Lower	Upper	
56	100		
69	32.8	24.5	36.7
84	92.5	65.2	97.8



#20
Methylcyclohexane
Concen: 2.109 ug/l
RT: 6.753 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VU063264.D
Acq: 13 Feb 2025 13:42

Tgt Ion:	83	Resp:	45601
Ion Ratio	Lower	Upper	
83	100		
55	78.4	63.1	94.7
98	43.7	35.2	52.8

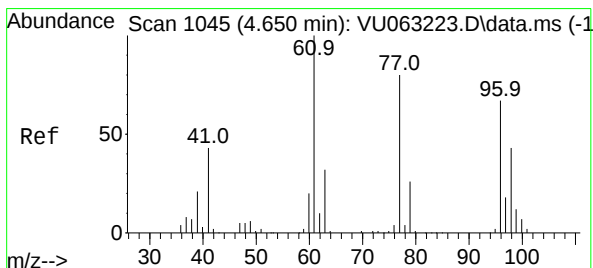
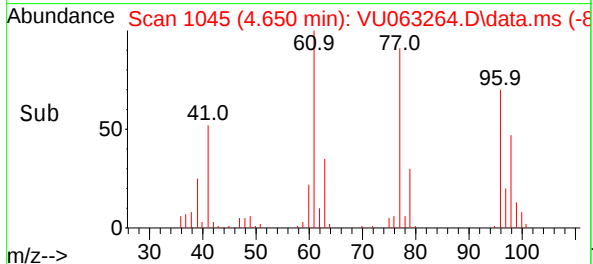
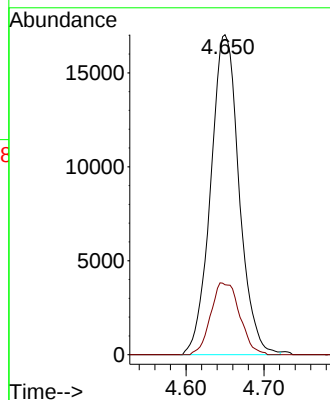
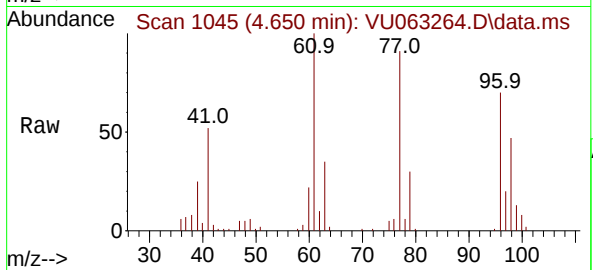




#21
2,2-Dichloropropane
Concen: 2.040 ug/l
RT: 4.650 min Scan# 1045
Delta R.T. 0.003 min
Lab File: VU063264.D
Acq: 13 Feb 2025 13:42

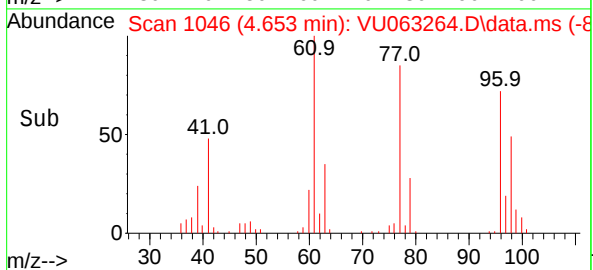
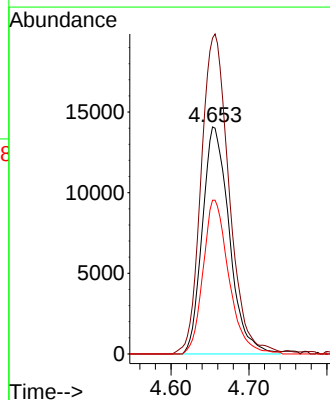
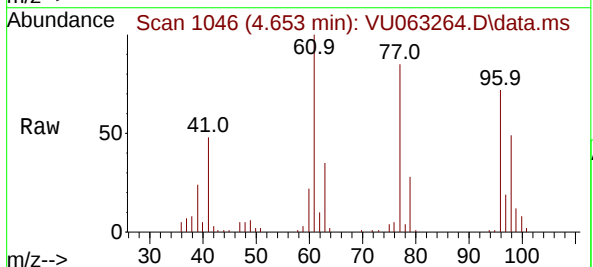
Instrument :
MSVOA_U
ClientSampleId :

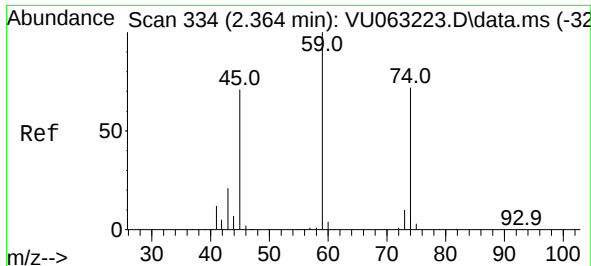
Tgt Ion: 77 Resp: 43173
Ion Ratio Lower Upper
77 100
97 22.8 18.5 27.7



#22
cis-1,2-Dichloroethene
Concen: 2.176 ug/l
RT: 4.653 min Scan# 1046
Delta R.T. 0.003 min
Lab File: VU063264.D
Acq: 13 Feb 2025 13:42

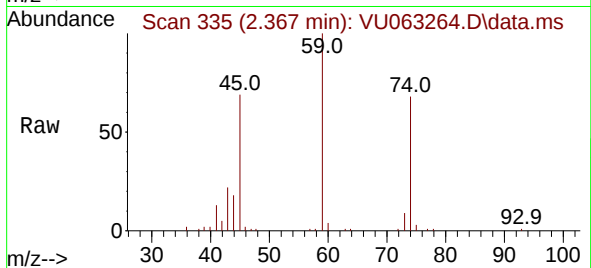
Tgt Ion: 96 Resp: 33849
Ion Ratio Lower Upper
96 100
61 145.8 0.0 373.3
98 64.7 31.9 95.9



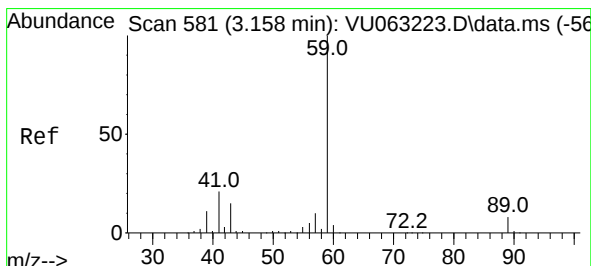
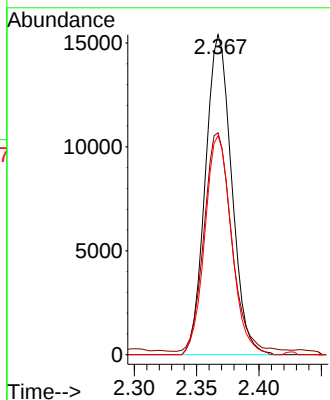
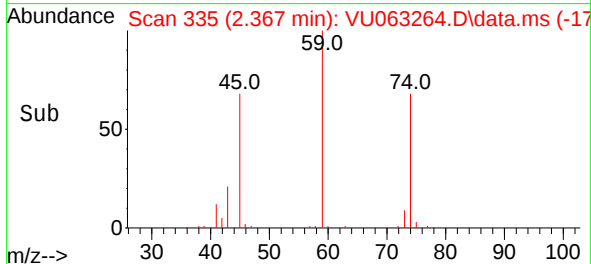


#23
Diethyl Ether
Concen: 2.088 ug/l
RT: 2.367 min Scan# 334
Delta R.T. 0.003 min
Lab File: VU063264.D
Acq: 13 Feb 2025 13:42

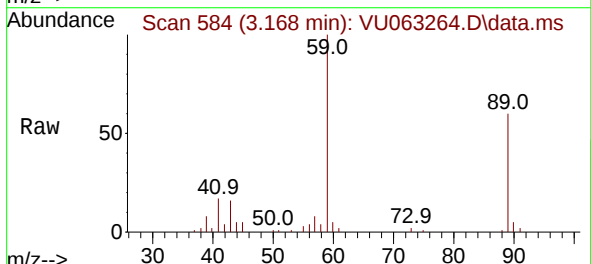
Instrument :
MSVOA_U
ClientSampleId :



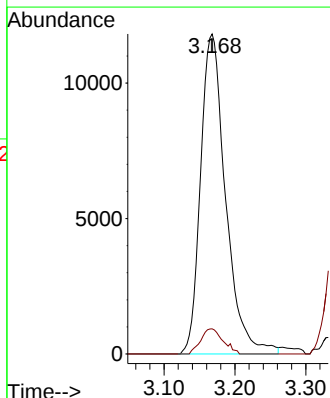
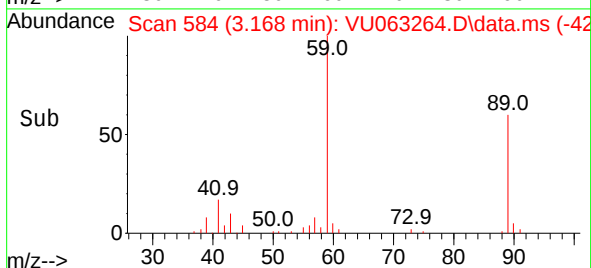
Tgt Ion: 59 Resp: 22594
Ion Ratio Lower Upper
59 100
45 71.3 57.8 86.6
74 69.5 57.7 86.5

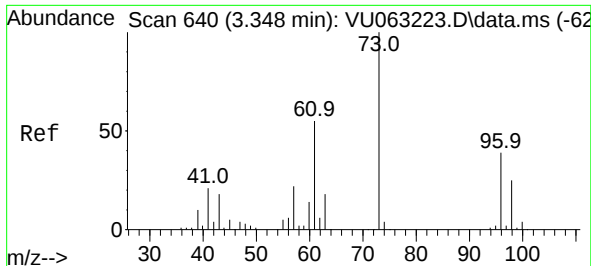


#24
tert-Butyl Alcohol
Concen: 21.127 ug/l
RT: 3.168 min Scan# 584
Delta R.T. 0.010 min
Lab File: VU063264.D
Acq: 13 Feb 2025 13:42



Tgt Ion: 59 Resp: 29029
Ion Ratio Lower Upper
59 100
57 7.0 7.5 11.3#





#25

Methyl tert-Butyl Ether

Concen: 2.104 ug/l

RT: 3.348 min Scan# 640

Delta R.T. -0.000 min

Lab File: VU063264.D

Acq: 13 Feb 2025 13:42

Instrument :

MSVOA_U

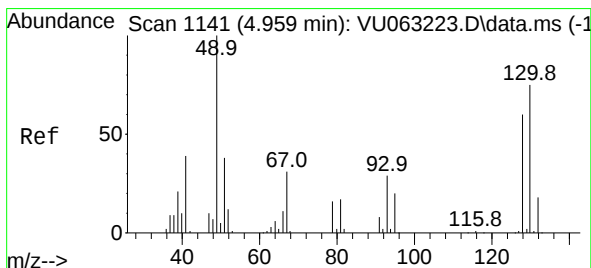
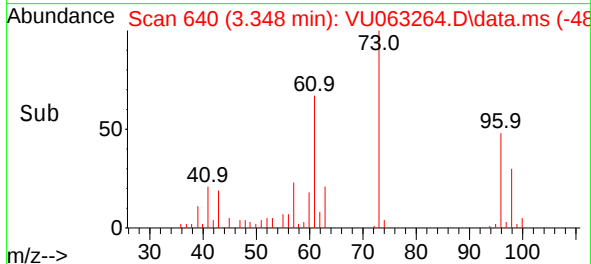
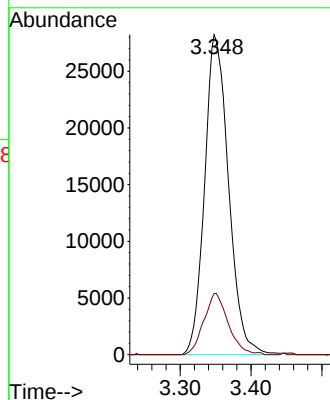
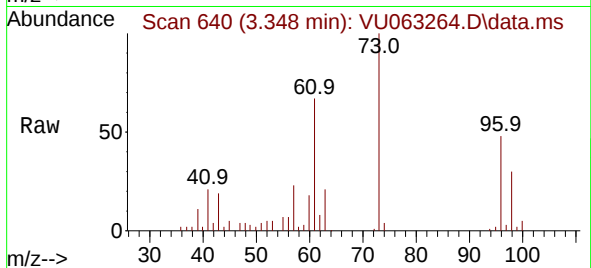
ClientSampleId :

Tgt Ion: 73 Resp: 66280

Ion Ratio Lower Upper

73 100

43 19.4 14.9 22.3



#26

Bromochloromethane

Concen: 2.190 ug/l

RT: 4.962 min Scan# 1142

Delta R.T. 0.003 min

Lab File: VU063264.D

Acq: 13 Feb 2025 13:42

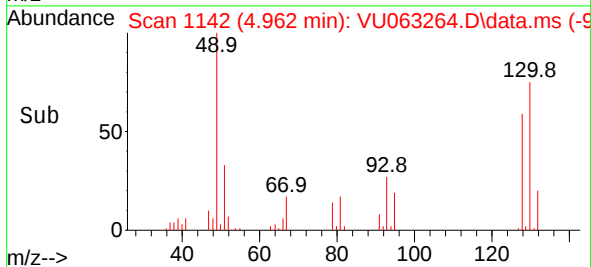
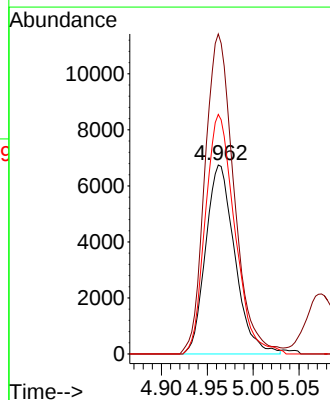
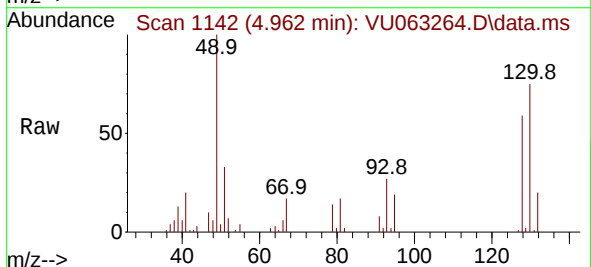
Tgt Ion: 128 Resp: 14888

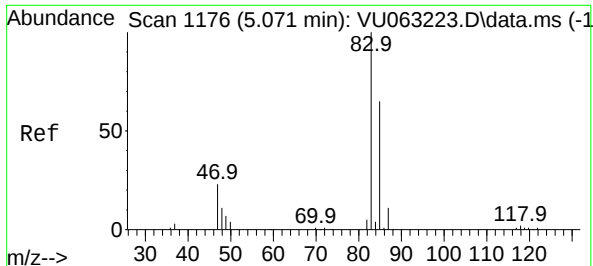
Ion Ratio Lower Upper

128 100

49 168.8 0.0 343.4

130 128.0 102.9 154.3





#27

Chloroform

Concen: 2.115 ug/l

RT: 5.074 min Scan# 1176

Delta R.T. 0.003 min

Lab File: VU063264.D

Acq: 13 Feb 2025 13:42

Instrument :

MSVOA_U

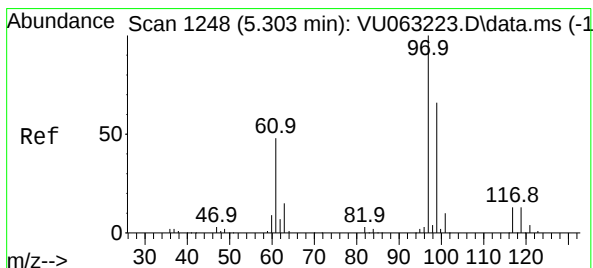
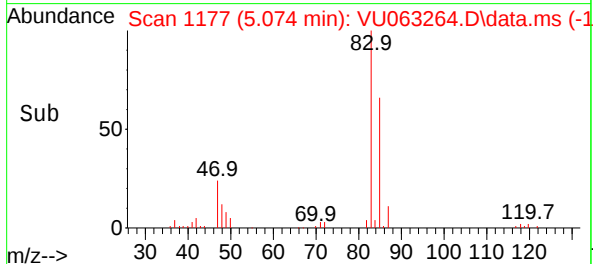
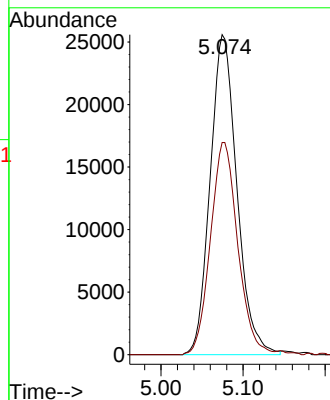
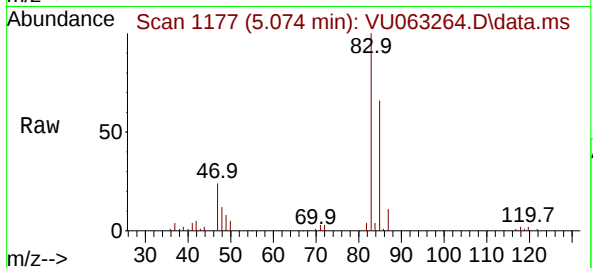
ClientSampleId :

Tgt Ion: 83 Resp: 57911

Ion Ratio Lower Upper

83 100

85 66.3 0.0 129.8



#28

1,1,1-Trichloroethane

Concen: 2.159 ug/l

RT: 5.303 min Scan# 1248

Delta R.T. -0.000 min

Lab File: VU063264.D

Acq: 13 Feb 2025 13:42

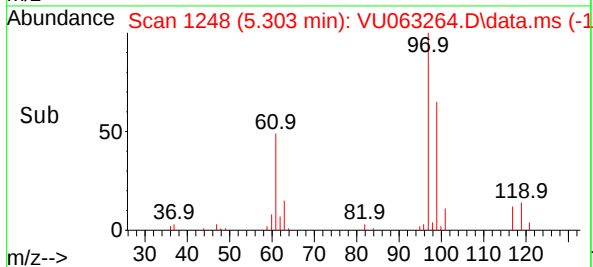
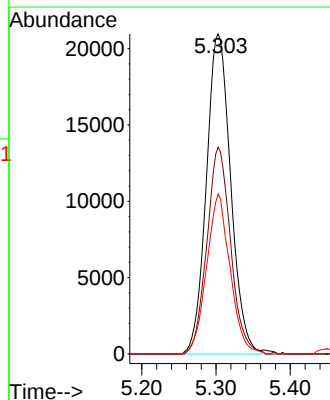
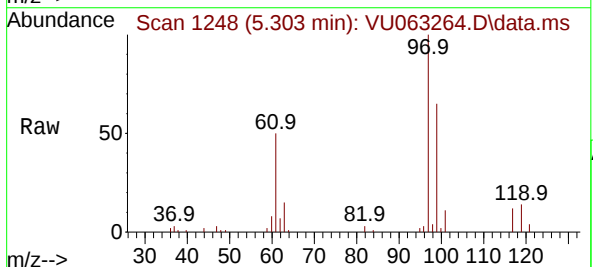
Tgt Ion: 97 Resp: 47889

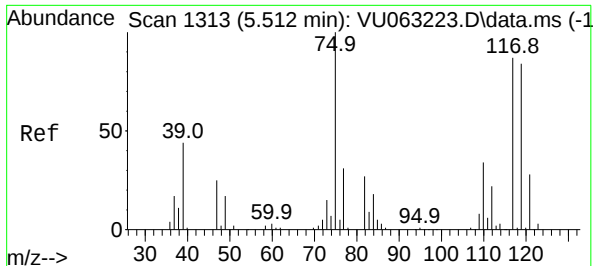
Ion Ratio Lower Upper

97 100

99 62.7 32.4 97.0

61 48.2 23.8 71.2

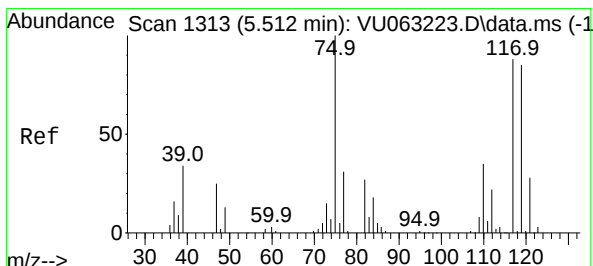
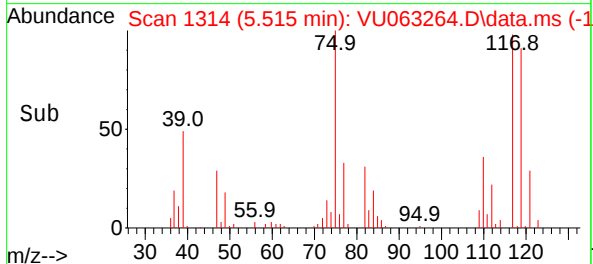
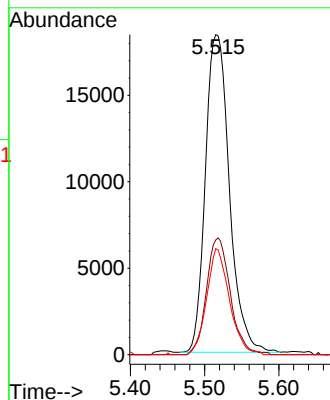
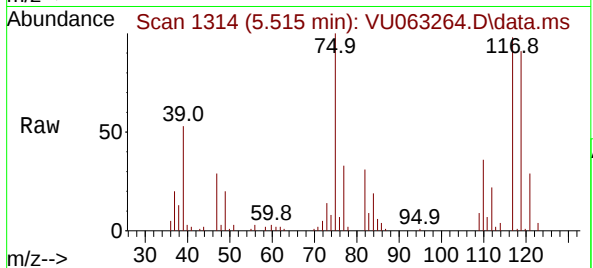




#29
1,1-Dichloropropene
Concen: 2.080 ug/l
RT: 5.515 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU063264.D
Acq: 13 Feb 2025 13:42

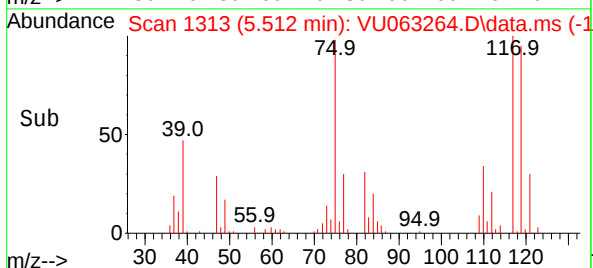
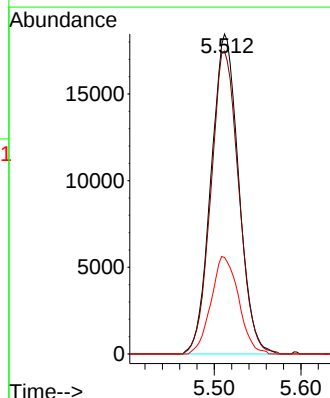
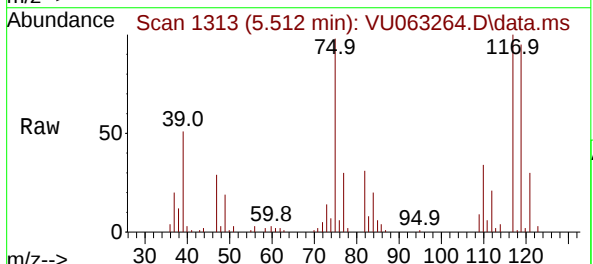
Instrument :
MSVOA_U
ClientSampleId :

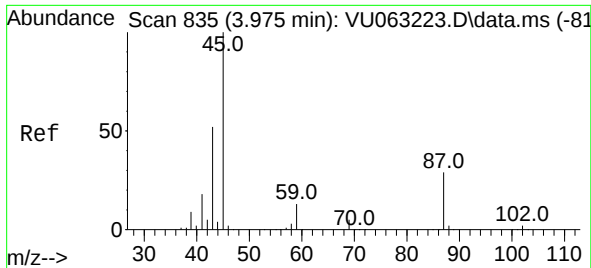
Tgt Ion: 75 Resp: 41318
Ion Ratio Lower Upper
75 100
110 36.3 17.2 51.5
77 31.6 24.6 37.0



#30
Carbon Tetrachloride
Concen: 2.146 ug/l
RT: 5.512 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VU063264.D
Acq: 13 Feb 2025 13:42

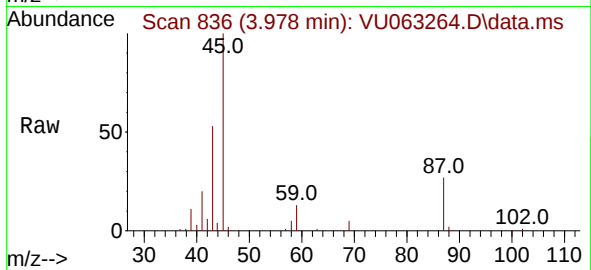
Tgt Ion: 117 Resp: 40821
Ion Ratio Lower Upper
117 100
119 94.6 76.7 115.1
121 30.2 25.5 38.3



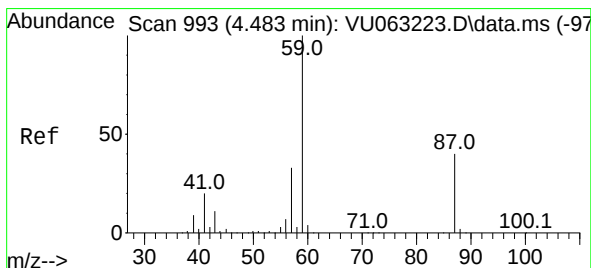
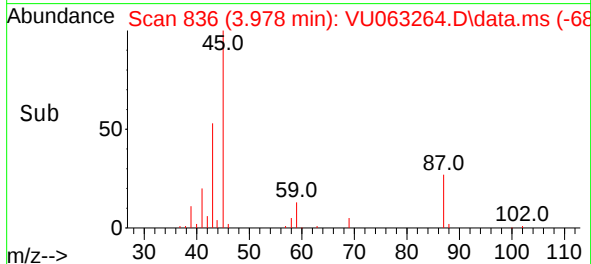
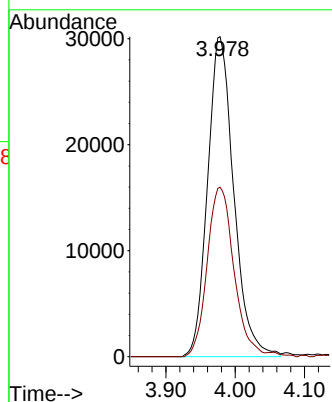


#31
Isopropyl Ether
Concen: 2.043 ug/l
RT: 3.978 min Scan# 836
Delta R.T. 0.003 min
Lab File: VU063264.D
Acq: 13 Feb 2025 13:42

Instrument :
MSVOA_U
ClientSampleId :

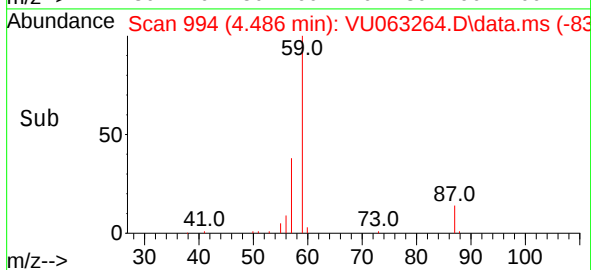
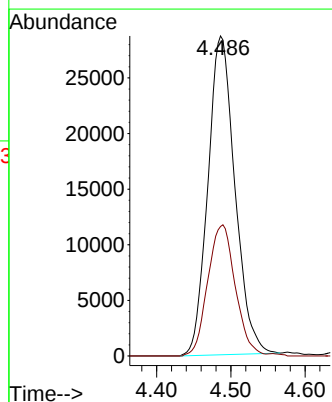
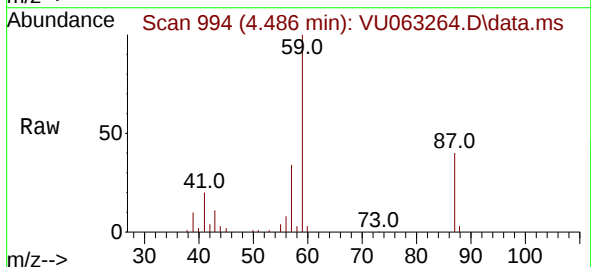


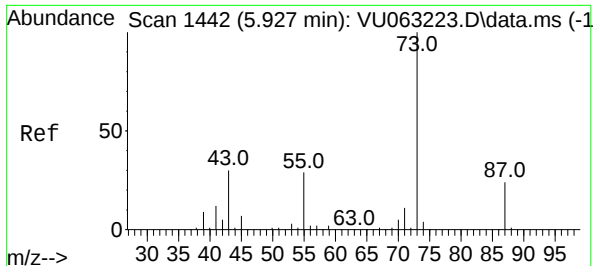
Tgt Ion: 45 Resp: 79132
Ion Ratio Lower Upper
45 100
43 54.0 25.7 77.1



#32
Ethyl-t-butyl ether
Concen: 2.056 ug/l
RT: 4.486 min Scan# 994
Delta R.T. 0.003 min
Lab File: VU063264.D
Acq: 13 Feb 2025 13:42

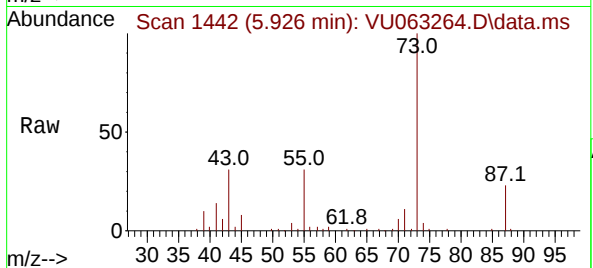
Tgt Ion: 59 Resp: 72442
Ion Ratio Lower Upper
59 100
87 41.1 32.6 49.0



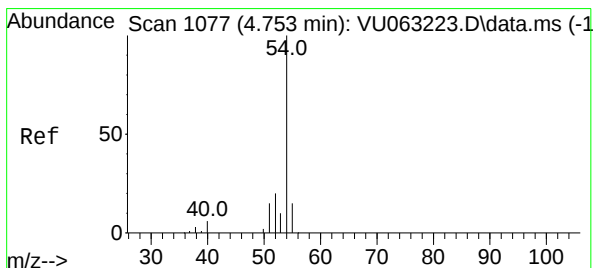
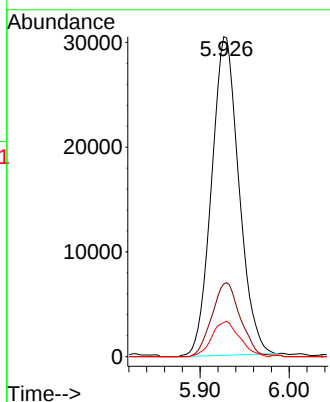
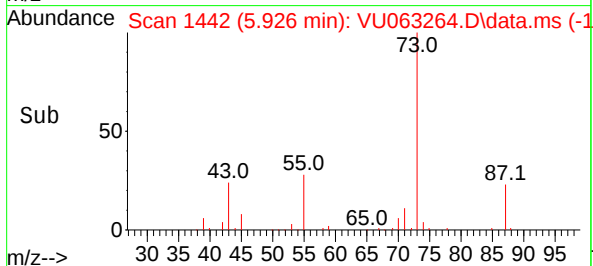


#33
Tert-Amyl methyl ether
Concen: 2.111 ug/l
RT: 5.926 min Scan# 1442
Delta R.T. -0.000 min
Lab File: VU063264.D
Acq: 13 Feb 2025 13:42

Instrument :
MSVOA_U
ClientSampleId :

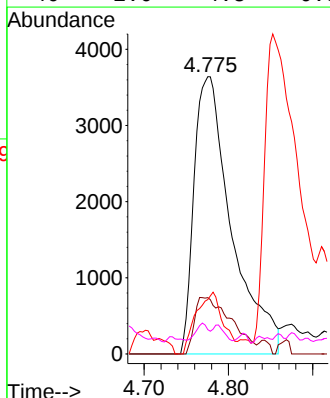
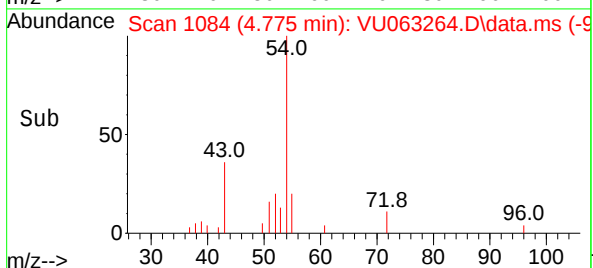
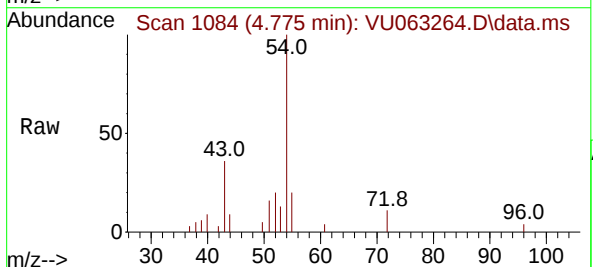


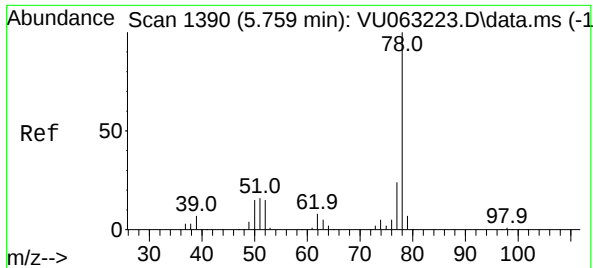
Tgt Ion: 73	Resp: 64979
Ion Ratio	Lower Upper
73	100
87	24.2 18.9 28.3
71	11.3 9.0 13.4



#34
Propionitrile
Concen: 10.479 ug/l
RT: 4.775 min Scan# 1084
Delta R.T. 0.022 min
Lab File: VU063264.D
Acq: 13 Feb 2025 13:42

Tgt Ion: 54	Resp: 11252
Ion Ratio	Lower Upper
54	100
52	20.0 16.3 24.5
55	16.2 11.8 17.6
40	2.0 4.3 6.5





#35

Benzene

Concen: 2.146 ug/l

RT: 5.763 min Scan# 1391

Delta R.T. 0.003 min

Lab File: VU063264.D

Acq: 13 Feb 2025 13:42

Instrument :

MSVOA_U

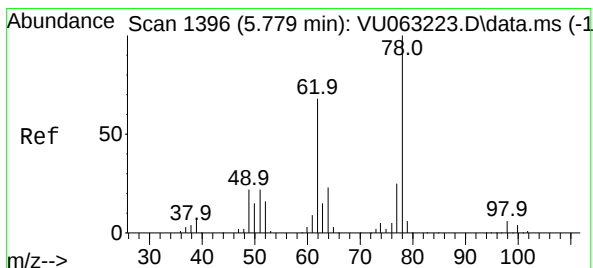
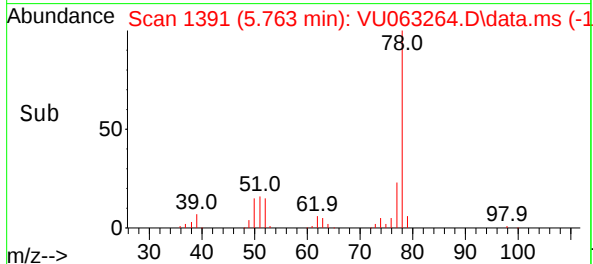
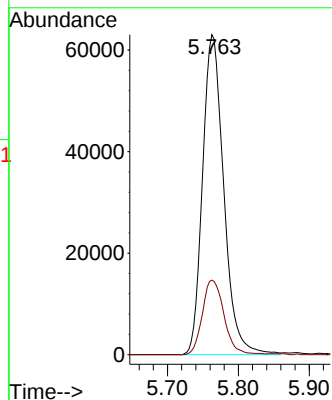
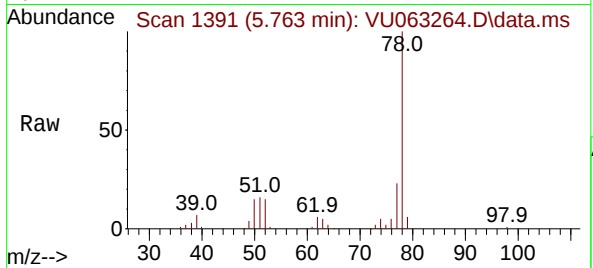
ClientSampleId :

Tgt Ion: 78 Resp: 131079

Ion Ratio Lower Upper

78 100

77 23.3 19.0 28.4



#36

1,2-Dichloroethane

Concen: 2.117 ug/l

RT: 5.782 min Scan# 1397

Delta R.T. 0.003 min

Lab File: VU063264.D

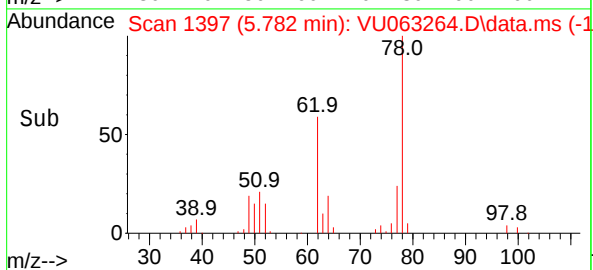
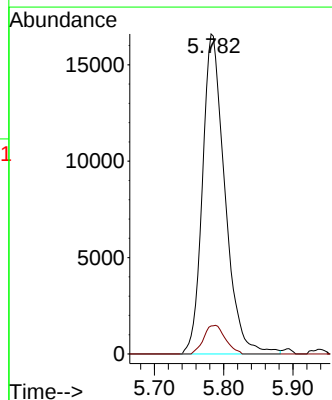
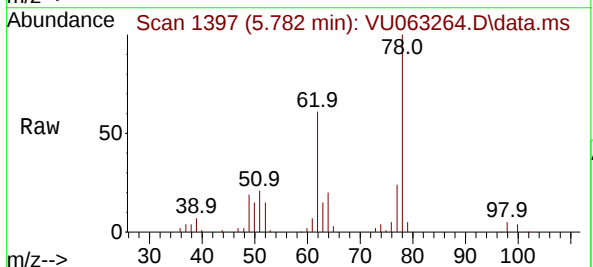
Acq: 13 Feb 2025 13:42

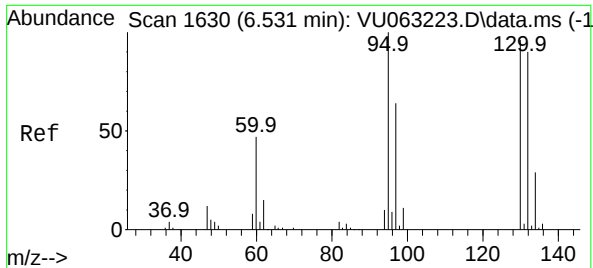
Tgt Ion: 62 Resp: 37320

Ion Ratio Lower Upper

62 100

98 8.6 6.9 10.3

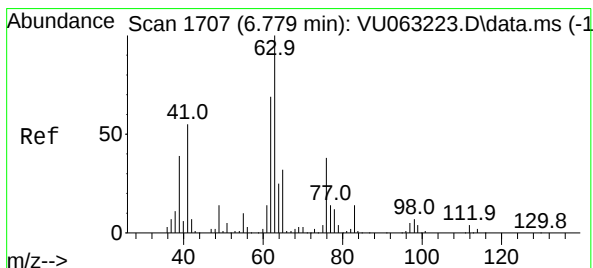
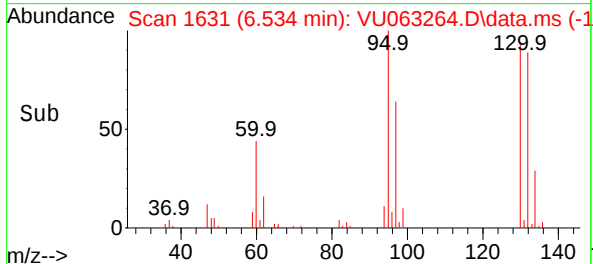
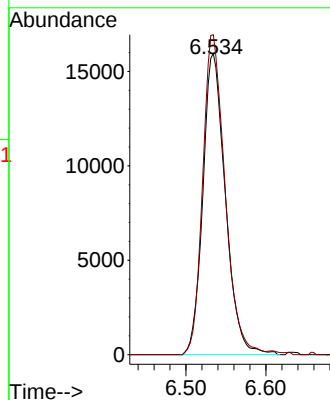
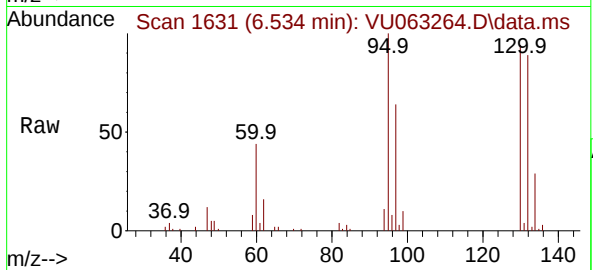




#37
Trichloroethene
Concen: 2.156 ug/l
RT: 6.534 min Scan# 1631
Delta R.T. 0.003 min
Lab File: VU063264.D
Acq: 13 Feb 2025 13:42

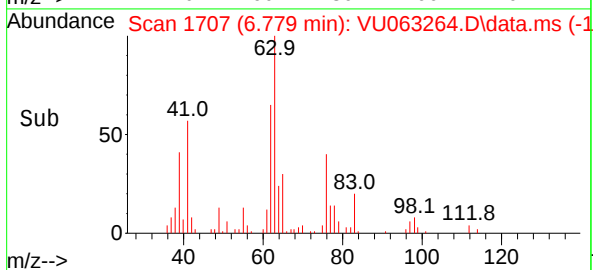
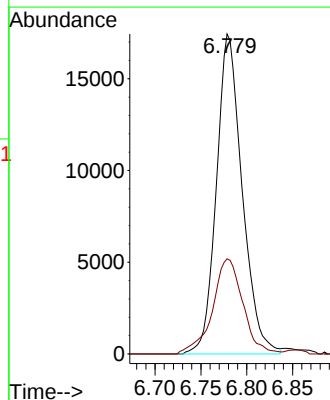
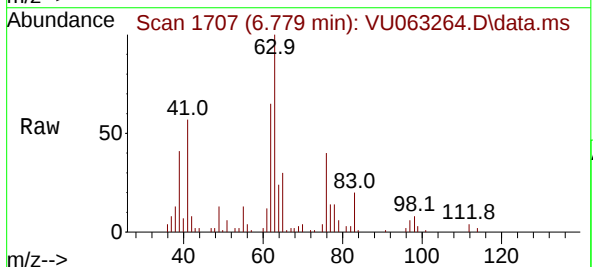
Instrument :
MSVOA_U
ClientSampleId :

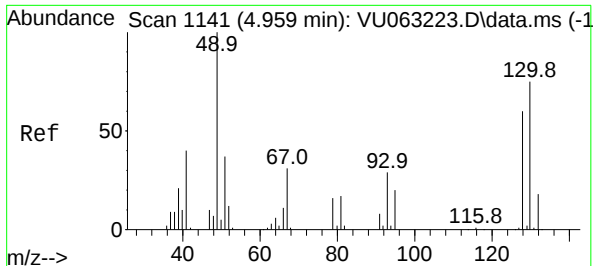
Tgt Ion:130 Resp: 31314
Ion Ratio Lower Upper
130 100
95 106.3 83.2 124.8



#38
1,2-Dichloropropane
Concen: 2.129 ug/l
RT: 6.779 min Scan# 1707
Delta R.T. -0.000 min
Lab File: VU063264.D
Acq: 13 Feb 2025 13:42

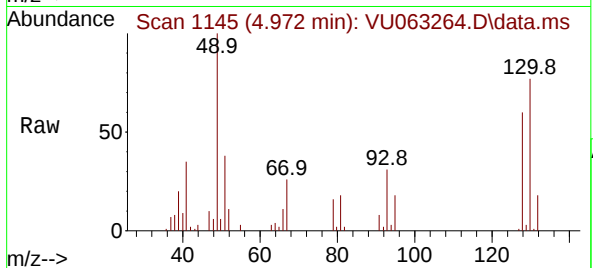
Tgt Ion: 63 Resp: 34039
Ion Ratio Lower Upper
63 100
65 29.1 25.3 37.9



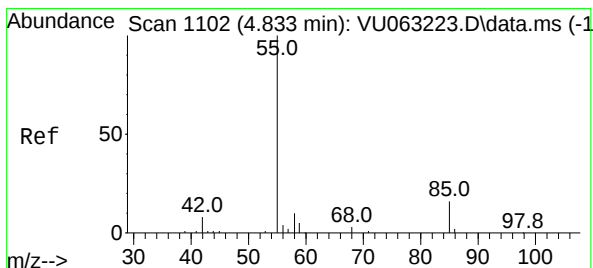
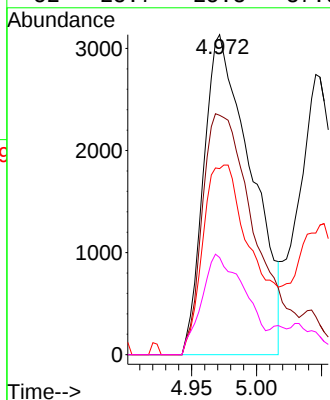
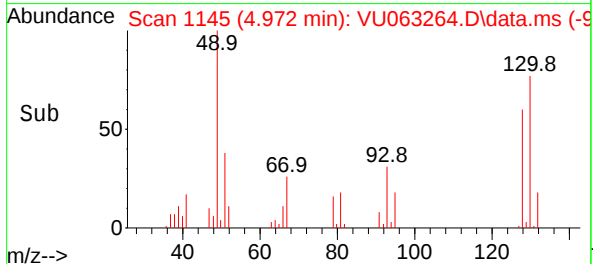


#39
Methacrylonitrile
Concen: 1.997 ug/l
RT: 4.972 min Scan# 1145
Delta R.T. 0.013 min
Lab File: VU063264.D
Acq: 13 Feb 2025 13:42

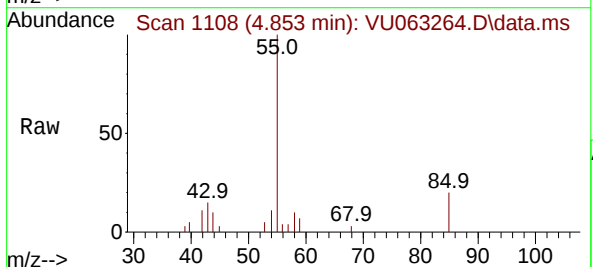
Instrument :
MSVOA_U
ClientSampleId :



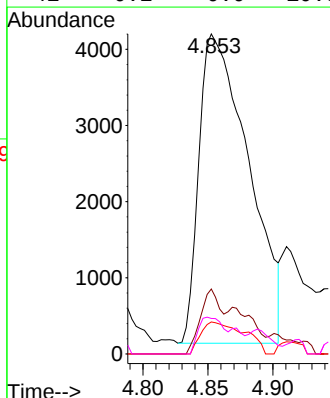
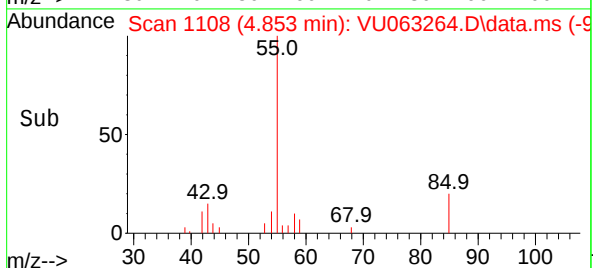
Tgt Ion: 41	Resp: 7993
Ion Ratio	Lower Upper
41 100	
67 83.7	64.5 96.7
39 61.8	43.0 64.6
52 28.7	25.3 37.9

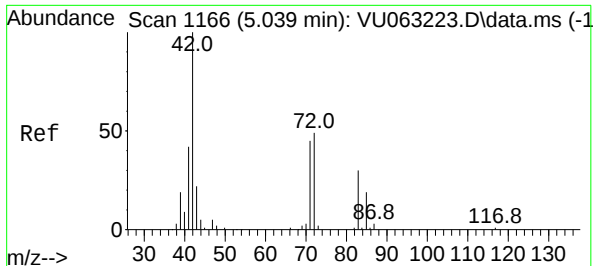


#40
Methyl acrylate
Concen: 1.459 ug/l
RT: 4.853 min Scan# 1108
Delta R.T. 0.019 min
Lab File: VU063264.D
Acq: 13 Feb 2025 13:42



Tgt	Ion: 55	Resp:	10761
Ion	Ratio	Lower	Upper
55	100		
85	0.0	13.3	19.9#
58	9.1	7.3	10.9
42	6.2	6.9	10.3#





#41

Tetrahydrofuran

Concen: 3.902 ug/l

RT: 5.049 min Scan# 1169

Delta R.T. 0.010 min

Lab File: VU063264.D

Acq: 13 Feb 2025 13:42

Instrument :

MSVOA_U

ClientSampleId :

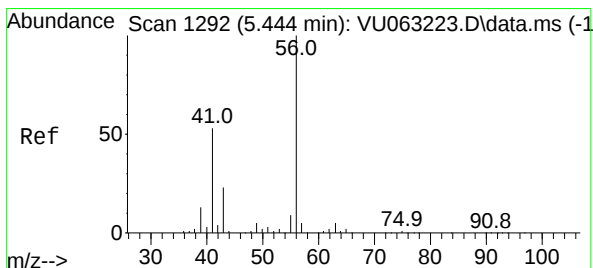
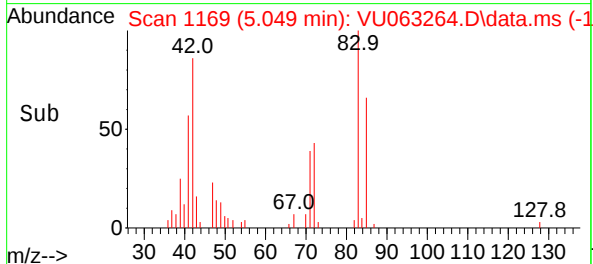
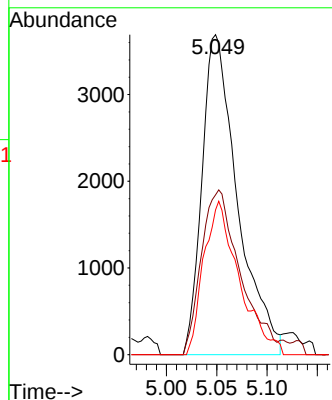
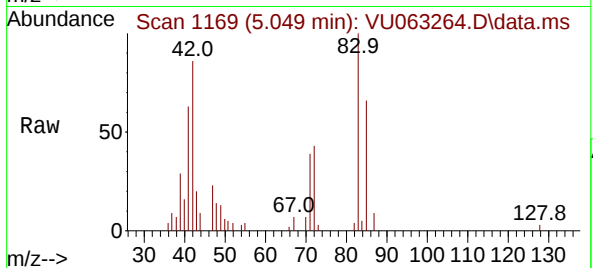
Tgt Ion: 42 Resp: 9080

Ion Ratio Lower Upper

42 100

72 56.3 41.5 62.3

71 47.6 37.2 55.8



#42

1-Chlorobutane

Concen: 2.085 ug/l

RT: 5.447 min Scan# 1293

Delta R.T. 0.003 min

Lab File: VU063264.D

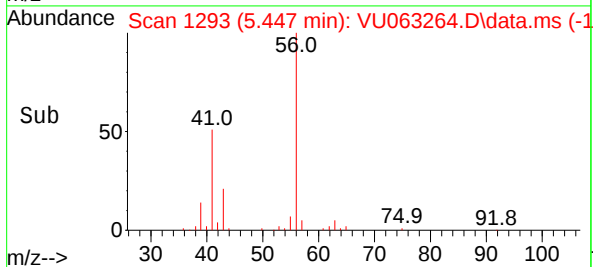
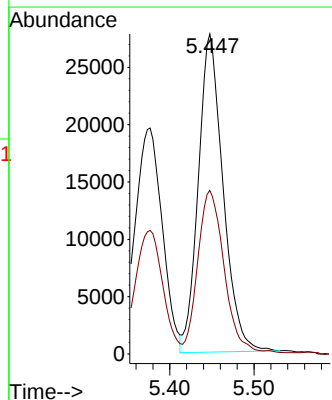
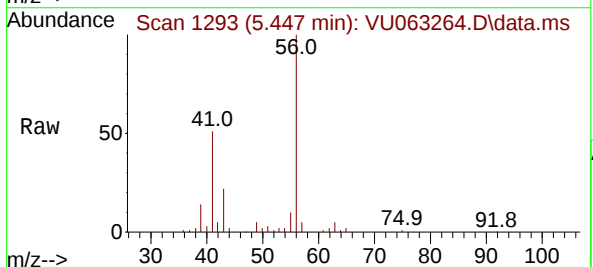
Acq: 13 Feb 2025 13:42

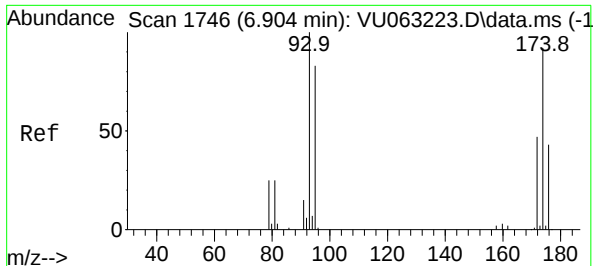
Tgt Ion: 56 Resp: 56663

Ion Ratio Lower Upper

56 100

41 52.8 26.3 78.8





#43

Dibromomethane

Concen: 2.115 ug/l

RT: 6.910 min Scan# 1748

Delta R.T. 0.006 min

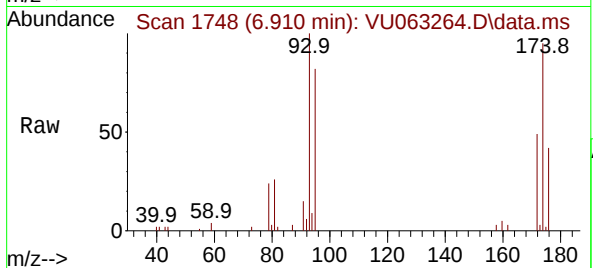
Lab File: VU063264.D

Acq: 13 Feb 2025 13:42

Instrument :

MSVOA_U

ClientSampleId :



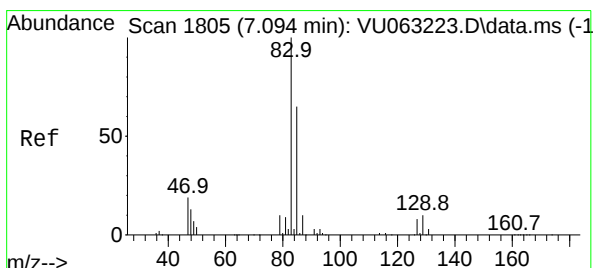
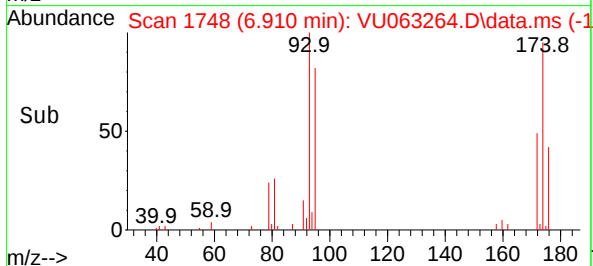
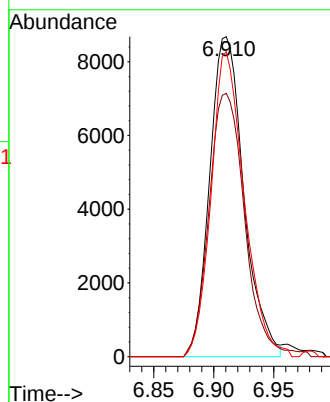
Tgt Ion: 93 Resp: 17120

Ion Ratio Lower Upper

93 100

95 86.4 67.2 100.8

174 92.6 75.7 113.5



#44

Bromodichloromethane

Concen: 2.186 ug/l

RT: 7.094 min Scan# 1805

Delta R.T. -0.000 min

Lab File: VU063264.D

Acq: 13 Feb 2025 13:42

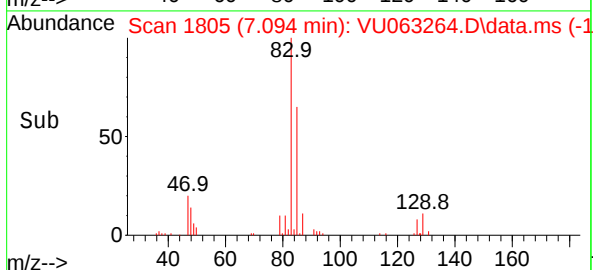
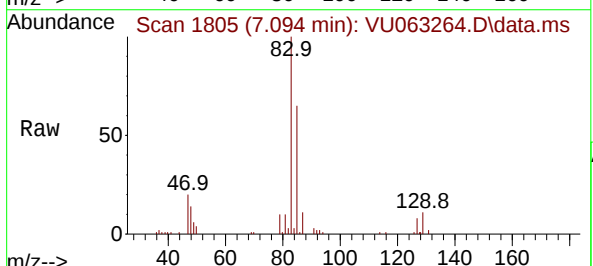
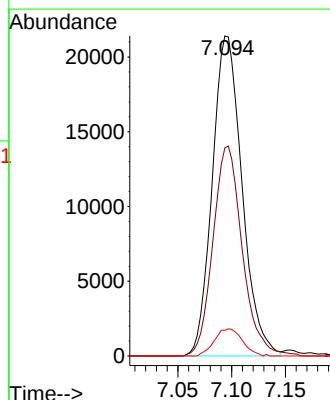
Tgt Ion: 83 Resp: 41195

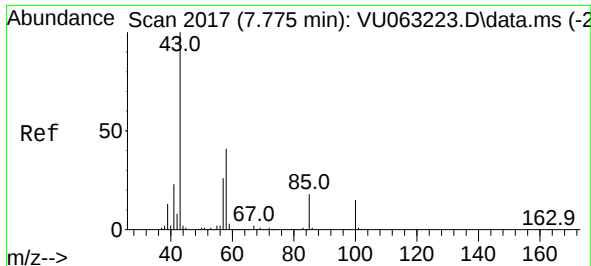
Ion Ratio Lower Upper

83 100

85 65.0 51.7 77.5

127 8.6 6.7 10.1





#45

4-Methyl-2-Pentanone

Concen: 10.374 ug/l

RT: 7.778 min Scan# 2017

Delta R.T. 0.003 min

Lab File: VU063264.D

Acq: 13 Feb 2025 13:42

Instrument :

MSVOA_U

ClientSampleId :

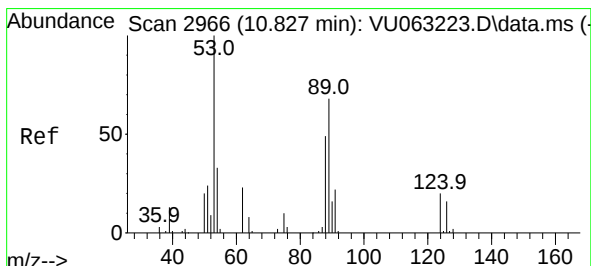
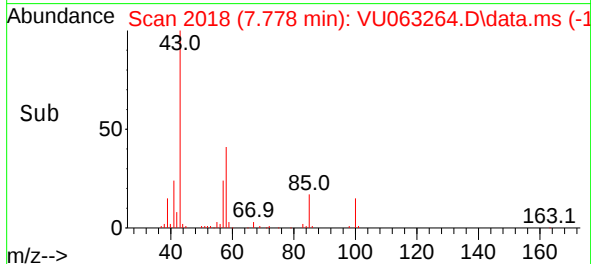
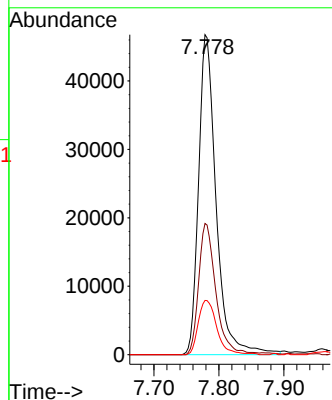
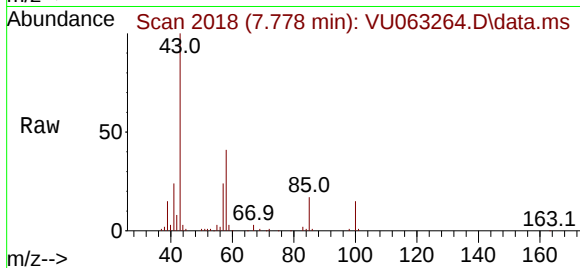
Tgt Ion: 43 Resp: 88051

Ion Ratio Lower Upper

43 100

58 40.2 20.8 62.5

85 17.9 14.8 22.2



#46

t-1,4-Dichloro-2-butene

Concen: 8.982 ug/l

RT: 10.817 min Scan# 2963

Delta R.T. -0.010 min

Lab File: VU063264.D

Acq: 13 Feb 2025 13:42

Tgt Ion: 75 Resp: 35837

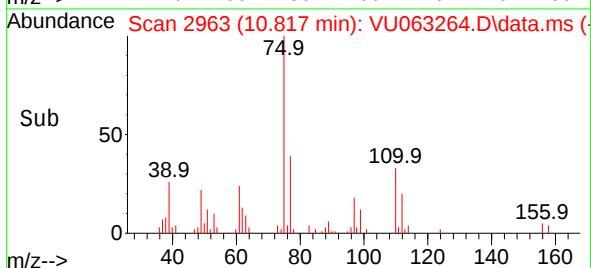
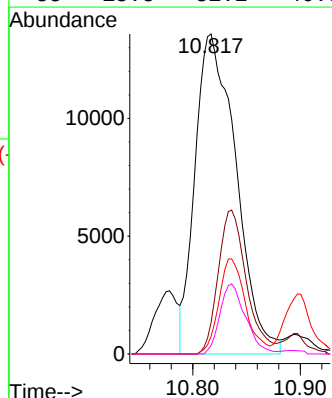
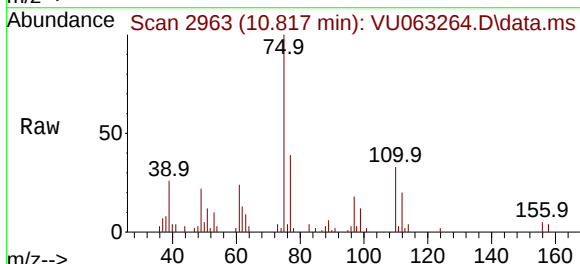
Ion Ratio Lower Upper

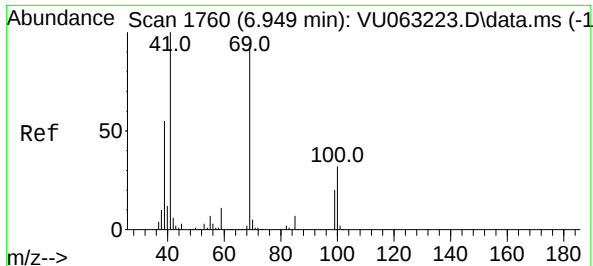
75 100

53 31.2 64.5 96.7#

89 19.6 43.4 65.2#

88 13.8 31.2 46.8#





#47

Methyl methacrylate

Concen: 4.157 ug/l

RT: 6.952 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063264.D

Acq: 13 Feb 2025 13:42

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 69 Resp: 28345

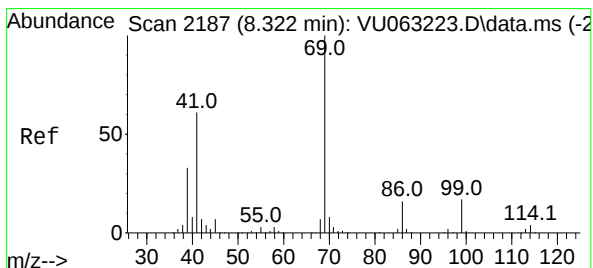
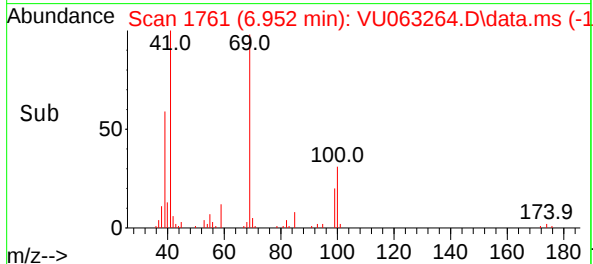
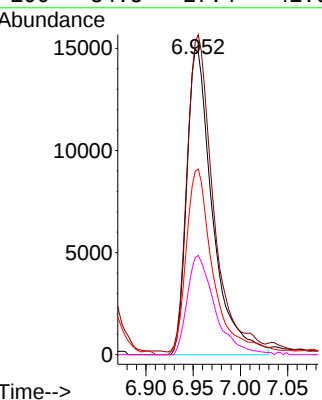
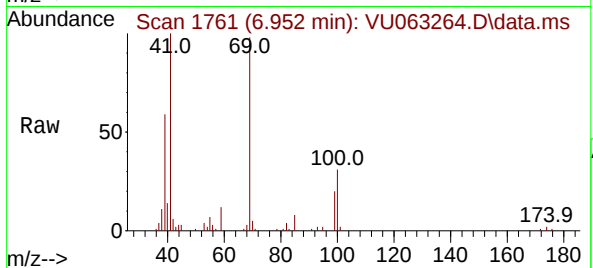
Ion Ratio Lower Upper

69 100

41 105.7 0.0 217.0

39 64.6 47.7 71.5

100 34.8 27.4 41.0



#48

Ethyl methacrylate

Concen: 1.990 ug/l

RT: 8.325 min Scan# 2188

Delta R.T. 0.003 min

Lab File: VU063264.D

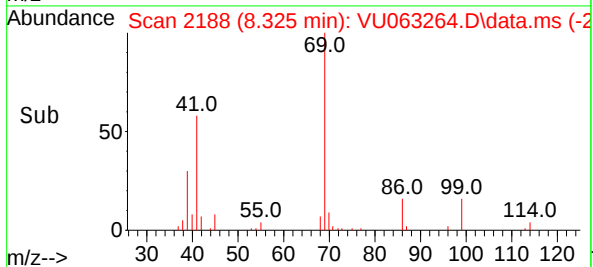
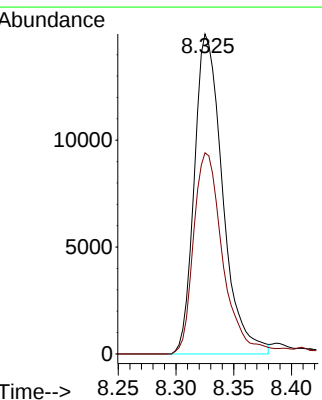
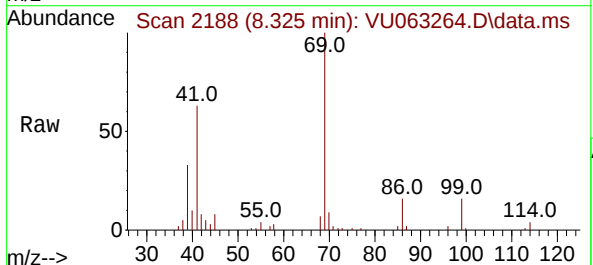
Acq: 13 Feb 2025 13:42

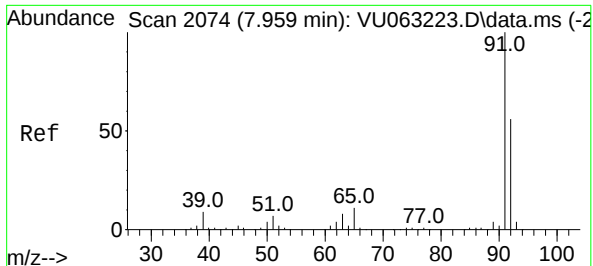
Tgt Ion: 69 Resp: 25480

Ion Ratio Lower Upper

69 100

41 65.1 30.6 92.0





#49

Toluene

Concen: 2.110 ug/l

RT: 7.962 min Scan# 2074

Delta R.T. 0.003 min

Lab File: VU063264.D

Acq: 13 Feb 2025 13:42

Instrument :

MSVOA_U

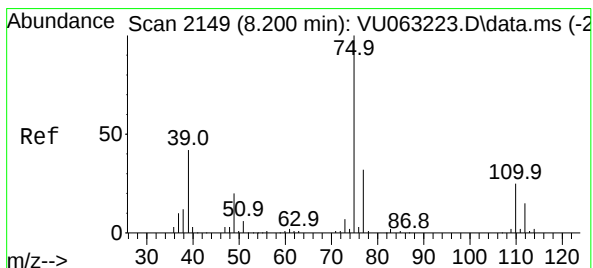
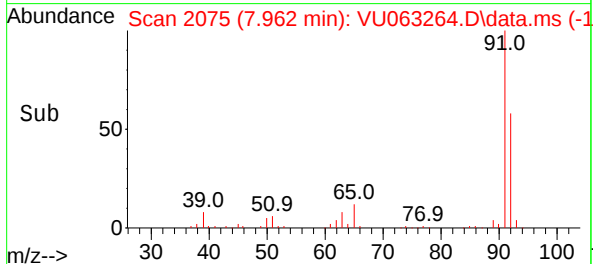
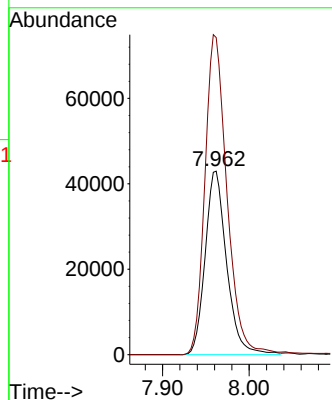
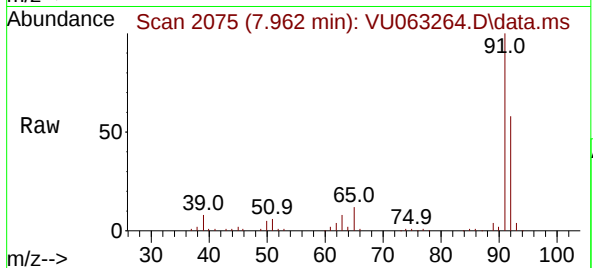
ClientSampleId :

Tgt Ion: 92 Resp: 74130

Ion Ratio Lower Upper

92 100

91 178.3 141.8 212.6



#50

t-1,3-Dichloropropene

Concen: 2.082 ug/l

RT: 8.203 min Scan# 2150

Delta R.T. 0.003 min

Lab File: VU063264.D

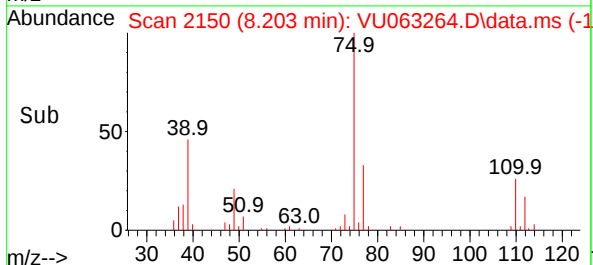
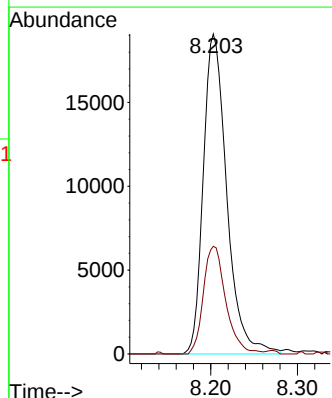
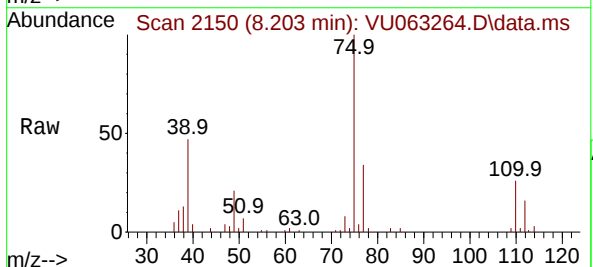
Acq: 13 Feb 2025 13:42

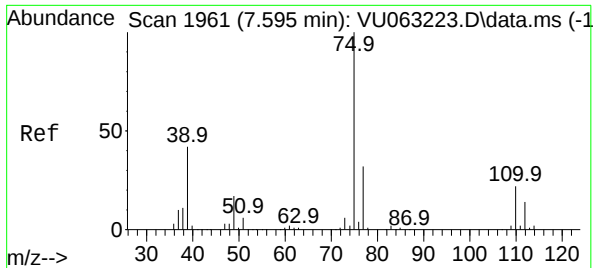
Tgt Ion: 75 Resp: 35922

Ion Ratio Lower Upper

75 100

77 33.6 25.9 38.9

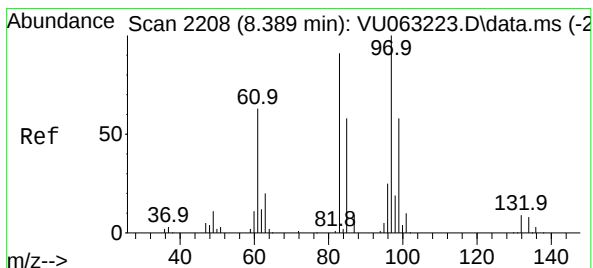
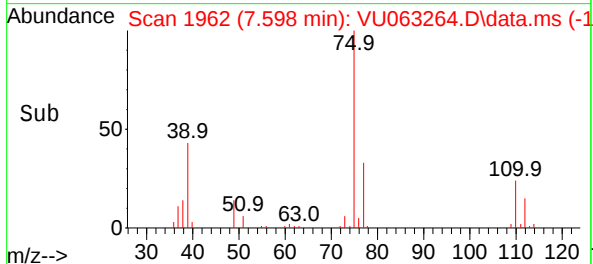
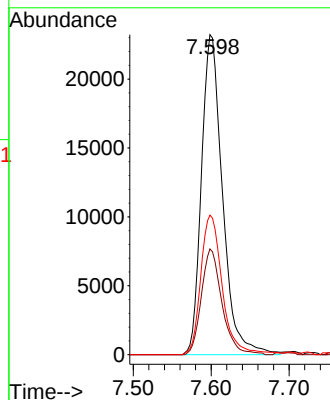
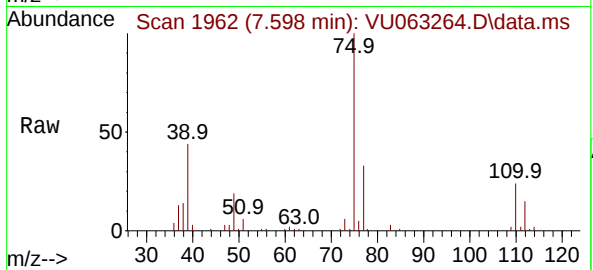




#51
 cis-1,3-Dichloropropene
 Concen: 2.049 ug/l
 RT: 7.598 min Scan# 1961
 Delta R.T. 0.003 min
 Lab File: VU063264.D
 Acq: 13 Feb 2025 13:42

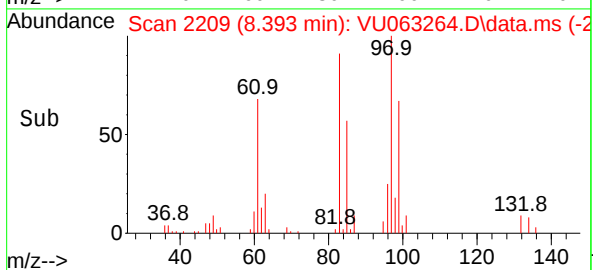
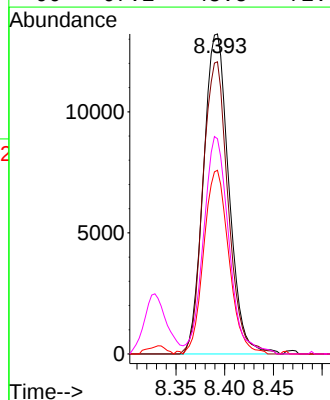
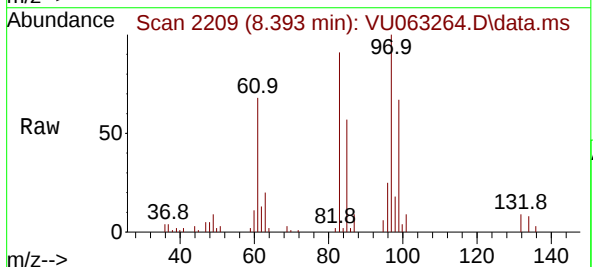
Instrument :
 MSVOA_U
 ClientSampleId :

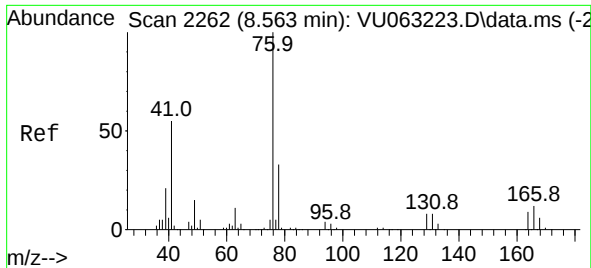
Tgt Ion: 75 Resp: 43661
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.3 37.9
 39 43.6 33.5 50.3



#52
 1,1,2-Trichloroethane
 Concen: 2.198 ug/l
 RT: 8.393 min Scan# 2209
 Delta R.T. 0.003 min
 Lab File: VU063264.D
 Acq: 13 Feb 2025 13:42

Tgt Ion: 97 Resp: 23993
 Ion Ratio Lower Upper
 97 100
 83 91.3 73.0 109.4
 85 57.4 46.3 69.5
 99 67.2 48.5 72.7





#53

1,3-Dichloropropane

Concen: 2.184 ug/l

RT: 8.566 min Scan# 2262

Delta R.T. 0.003 min

Lab File: VU063264.D

Acq: 13 Feb 2025 13:42

Instrument :

MSVOA_U

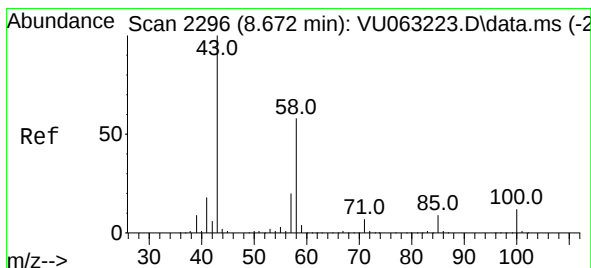
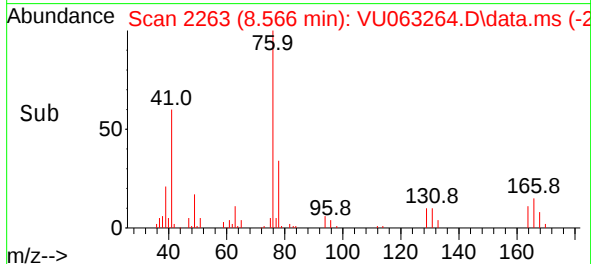
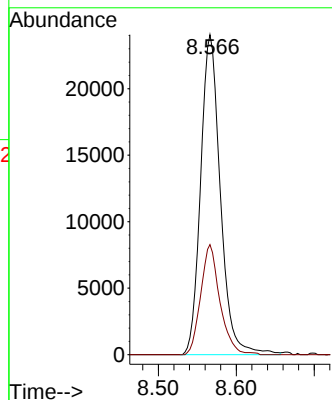
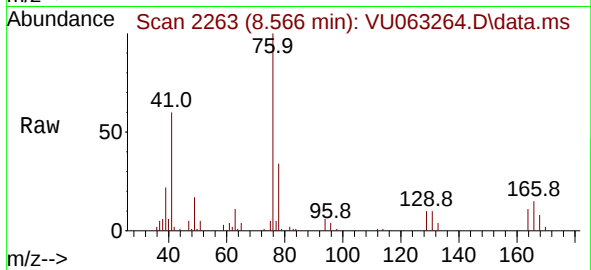
ClientSampleId :

Tgt Ion: 76 Resp: 42329

Ion Ratio Lower Upper

76 100

78 33.4 26.3 39.5



#54

2-Hexanone

Concen: 9.799 ug/l

RT: 8.676 min Scan# 2297

Delta R.T. 0.003 min

Lab File: VU063264.D

Acq: 13 Feb 2025 13:42

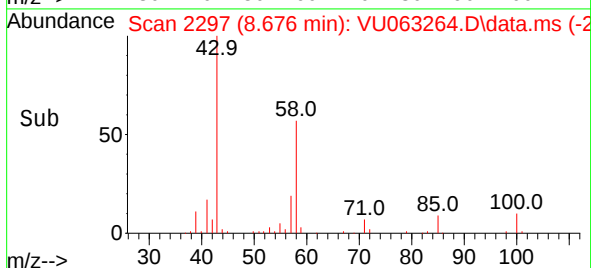
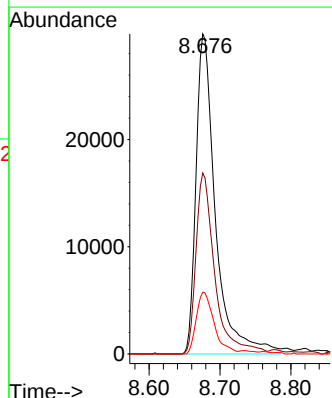
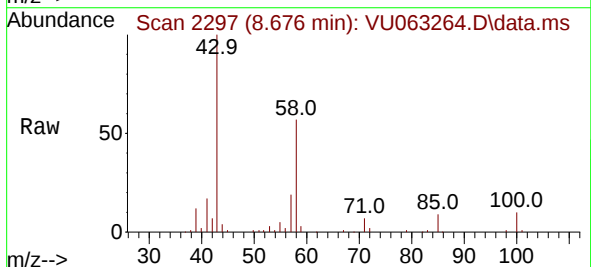
Tgt Ion: 43 Resp: 56755

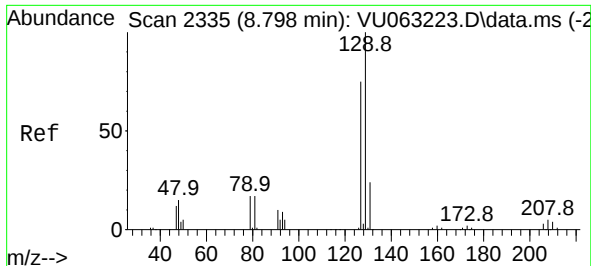
Ion Ratio Lower Upper

43 100

58 54.7 38.0 78.0

57 17.7 0.0 39.1





#55

Dibromochloromethane

Concen: 2.094 ug/l

RT: 8.801 min Scan# 2336

Delta R.T. 0.003 min

Lab File: VU063264.D

Acq: 13 Feb 2025 13:42

Instrument :

MSVOA_U

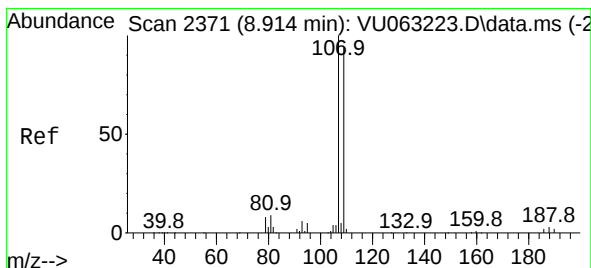
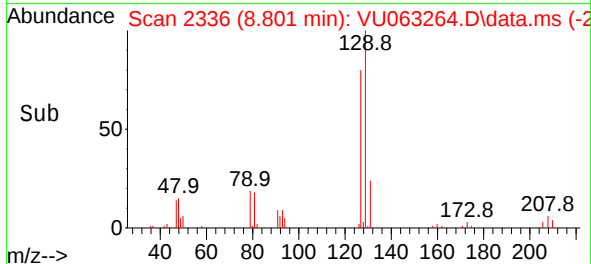
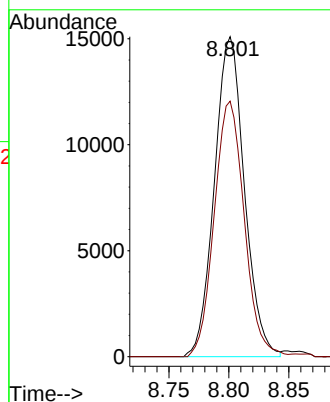
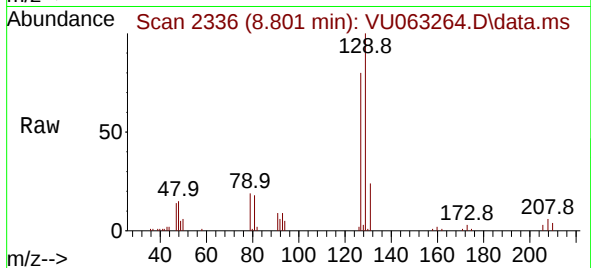
ClientSampleId :

Tgt Ion:129 Resp: 26299

Ion Ratio Lower Upper

129 100

127 79.8 60.4 90.6



#56

1,2-Dibromoethane

Concen: 2.211 ug/l

RT: 8.917 min Scan# 2372

Delta R.T. 0.003 min

Lab File: VU063264.D

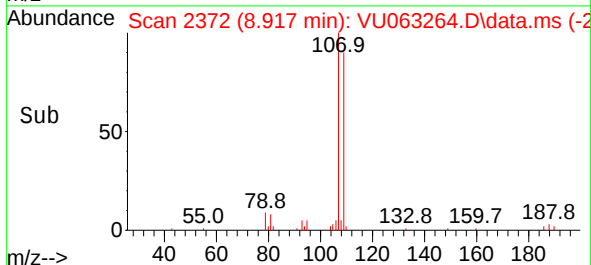
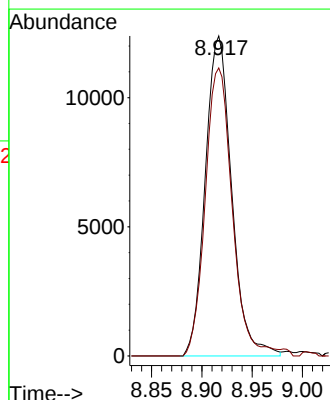
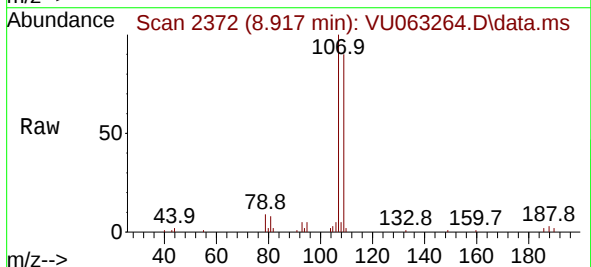
Acq: 13 Feb 2025 13:42

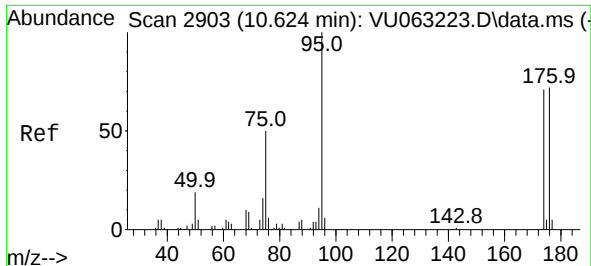
Tgt Ion:107 Resp: 22640

Ion Ratio Lower Upper

107 100

109 92.5 0.0 187.8





#57

4-Bromofluorobenzene

Concen: 1.028 ug/l

RT: 10.627 min Scan# 2904

Delta R.T. 0.003 min

Lab File: VU063264.D

Acq: 13 Feb 2025 13:42

Instrument :

MSVOA_U

ClientSampleId :

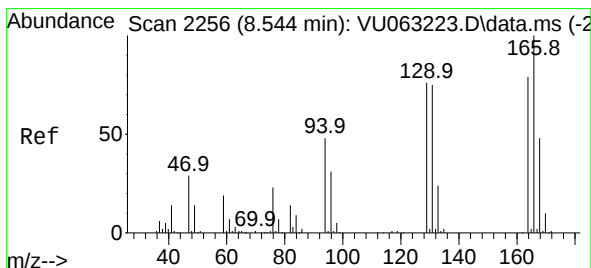
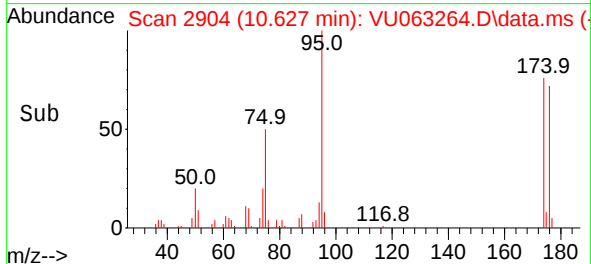
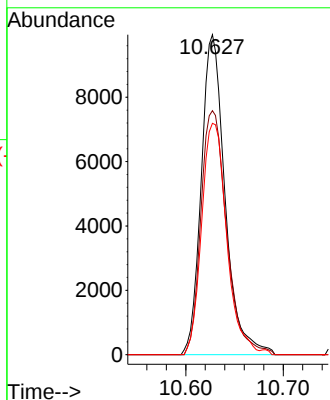
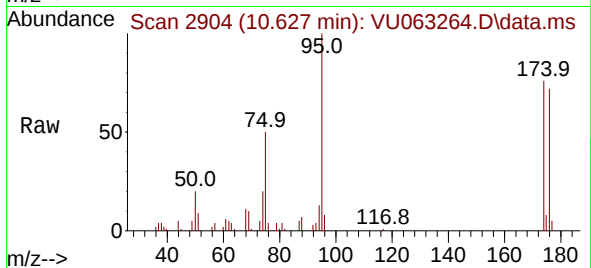
Tgt Ion: 95 Resp: 16859

Ion Ratio Lower Upper

95 100

174 82.5 58.6 88.0

176 76.3 58.2 87.4



#58

Tetrachloroethene

Concen: 2.218 ug/l

RT: 8.544 min Scan# 2256

Delta R.T. -0.000 min

Lab File: VU063264.D

Acq: 13 Feb 2025 13:42

Tgt Ion: 164 Resp: 26557

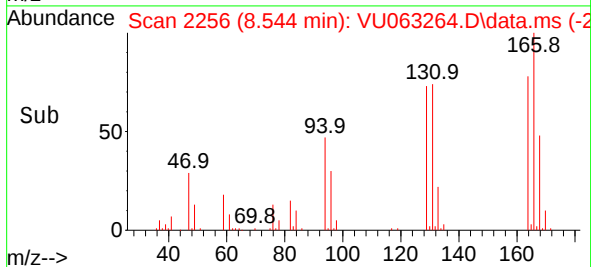
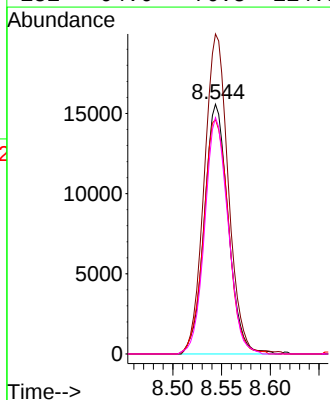
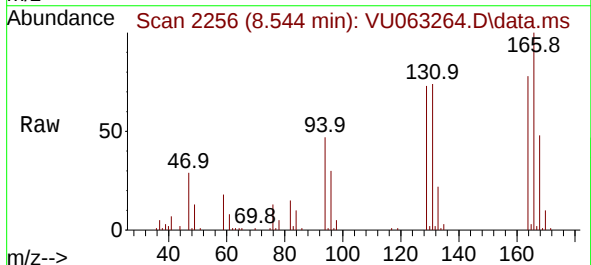
Ion Ratio Lower Upper

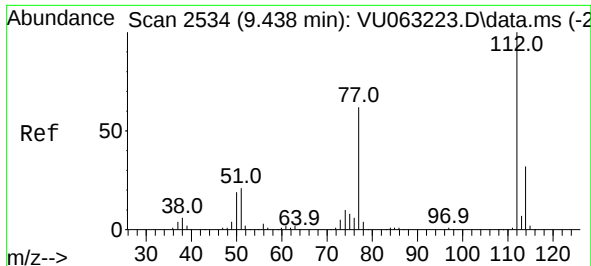
164 100

166 128.1 101.4 152.0

129 93.9 77.0 115.4

131 94.6 76.3 114.5





#59

Chlorobenzene

Concen: 2.160 ug/l

RT: 9.441 min Scan# 2535

Delta R.T. 0.003 min

Lab File: VU063264.D

Acq: 13 Feb 2025 13:42

Instrument :

MSVOA_U

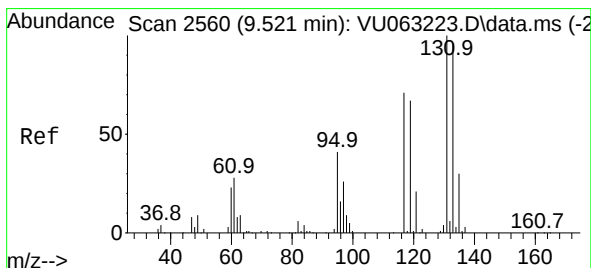
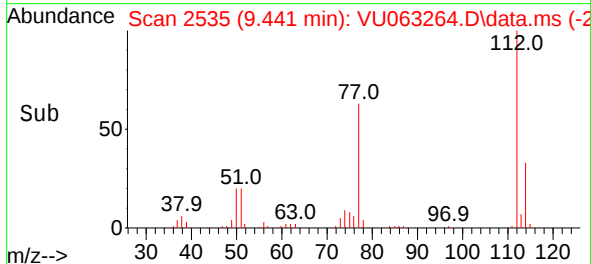
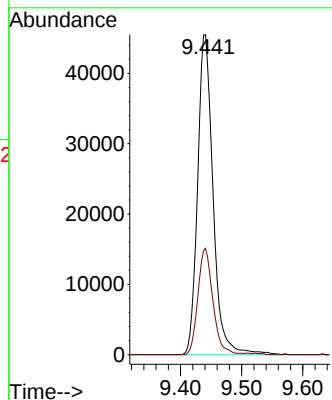
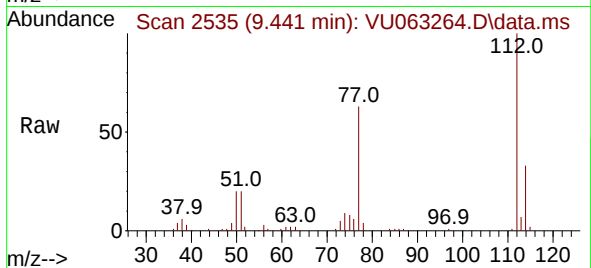
ClientSampleId :

Tgt Ion:112 Resp: 80078

Ion Ratio Lower Upper

112 100

114 33.2 25.7 38.5



#60

1,1,1,2-Tetrachloroethane

Concen: 2.135 ug/l

RT: 9.524 min Scan# 2561

Delta R.T. 0.003 min

Lab File: VU063264.D

Acq: 13 Feb 2025 13:42

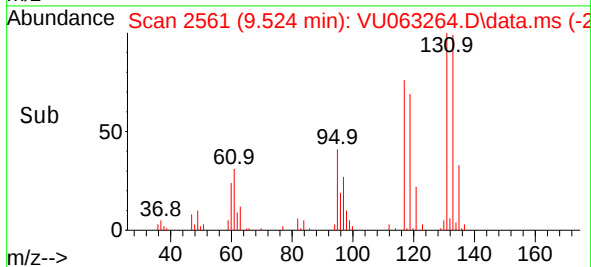
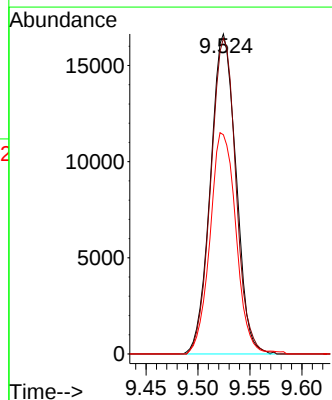
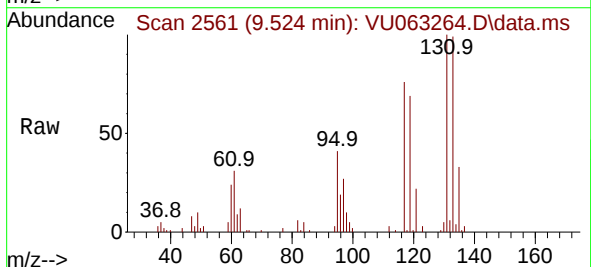
Tgt Ion:131 Resp: 28448

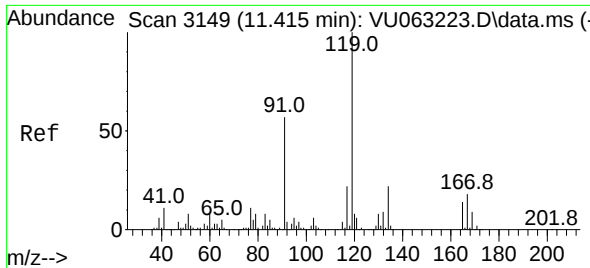
Ion Ratio Lower Upper

131 100

133 97.0 76.7 115.1

119 70.3 54.4 81.6

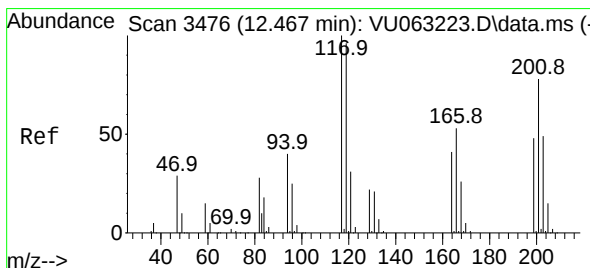
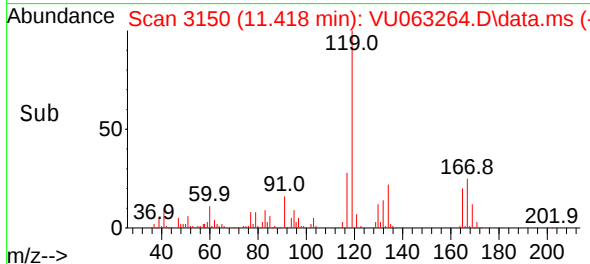
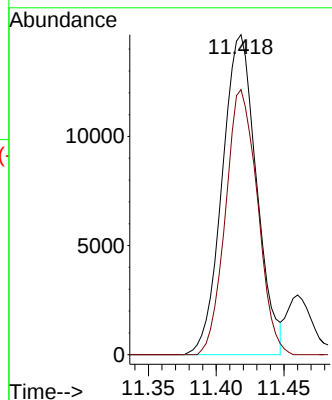
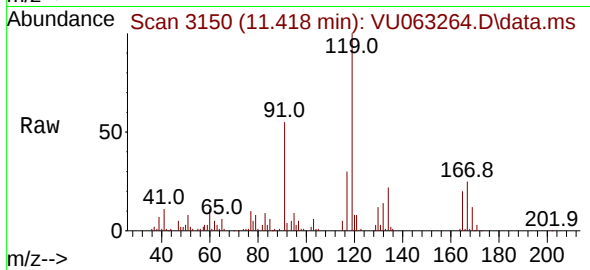




#61
Pentachloroethane
Concen: 2.169 ug/l
RT: 11.418 min Scan# 3149
Delta R.T. 0.003 min
Lab File: VU063264.D
Acq: 13 Feb 2025 13:42

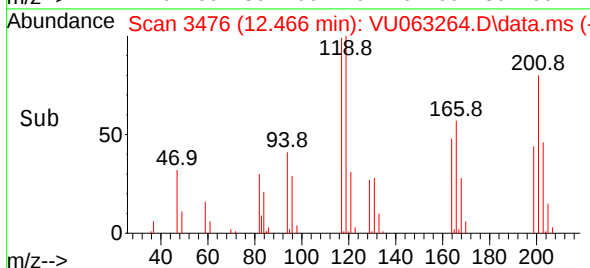
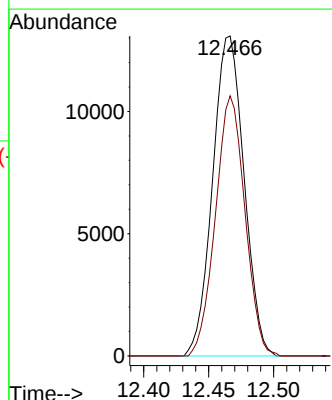
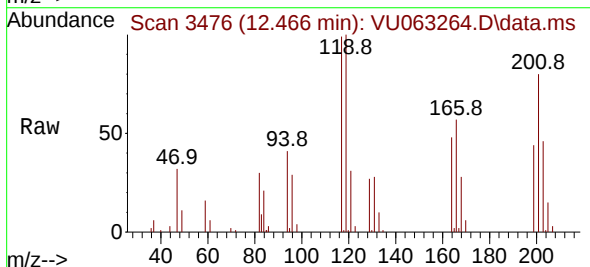
Instrument :
MSVOA_U
ClientSampleId :

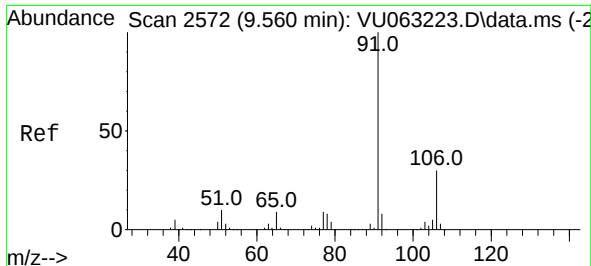
Tgt Ion:117 Resp: 25817
Ion Ratio Lower Upper
117 100
167 77.0 65.0 97.6



#62
Hexachloroethane
Concen: 2.088 ug/l
RT: 12.466 min Scan# 3476
Delta R.T. -0.000 min
Lab File: VU063264.D
Acq: 13 Feb 2025 13:42

Tgt Ion:117 Resp: 21992
Ion Ratio Lower Upper
117 100
201 76.3 61.3 91.9





#63

Ethyl Benzene

Concen: 2.035 ug/l

RT: 9.563 min Scan# 2572

Delta R.T. 0.003 min

Lab File: VU063264.D

Acq: 13 Feb 2025 13:42

Instrument :

MSVOA_U

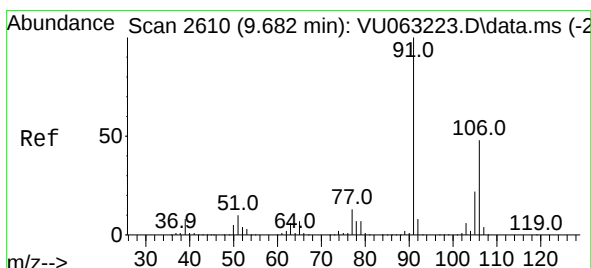
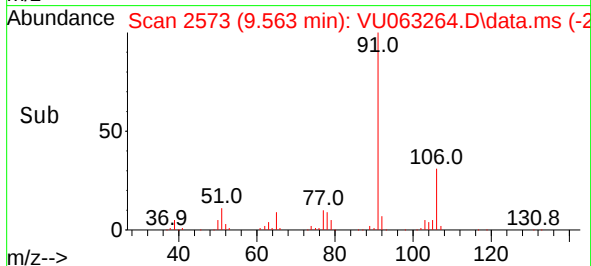
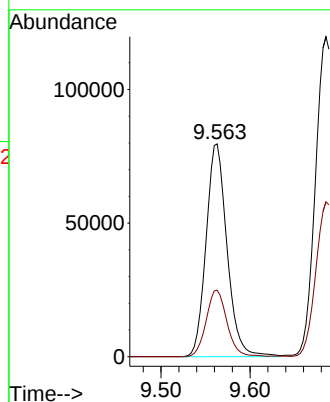
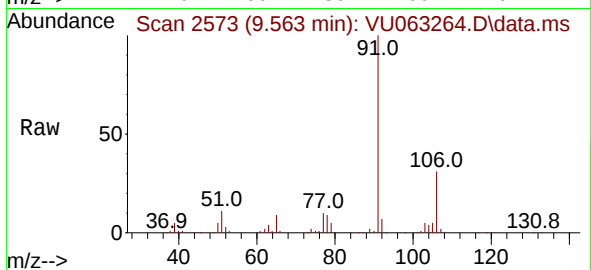
ClientSampleId :

Tgt Ion: 91 Resp: 130110

Ion Ratio Lower Upper

91 100

106 31.3 24.2 36.2



#64

m/p-Xylenes

Concen: 4.213 ug/l

RT: 9.685 min Scan# 2611

Delta R.T. 0.003 min

Lab File: VU063264.D

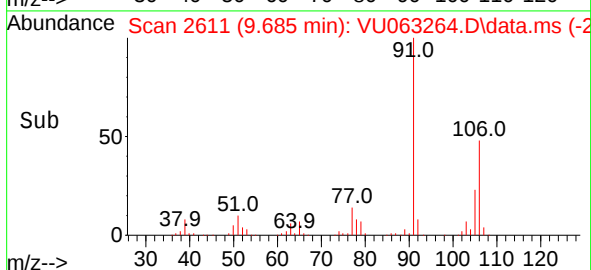
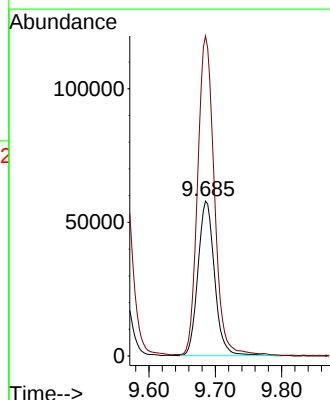
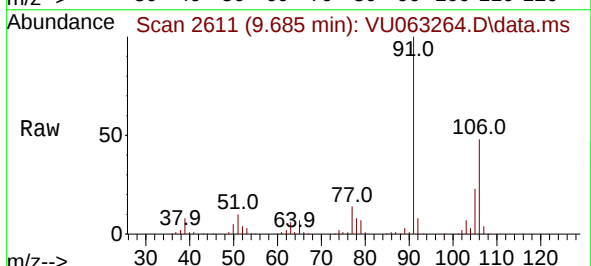
Acq: 13 Feb 2025 13:42

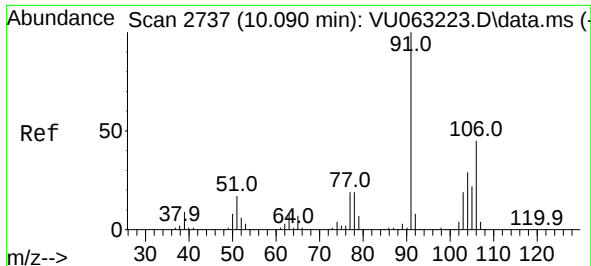
Tgt Ion:106 Resp: 100610

Ion Ratio Lower Upper

106 100

91 205.0 166.9 250.3

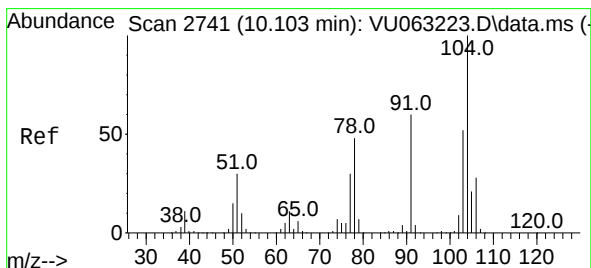
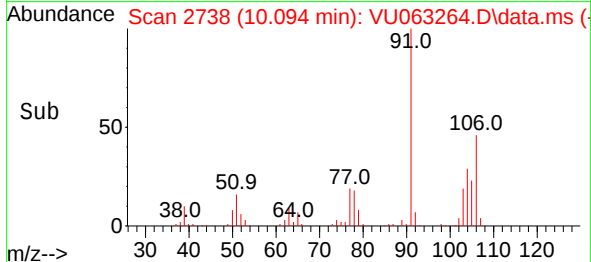
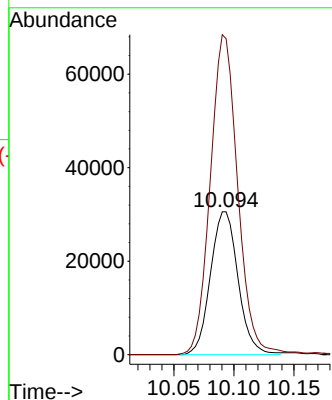
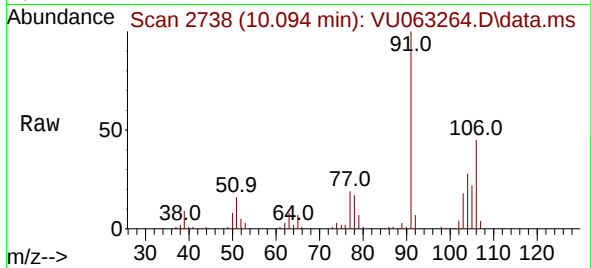




#65
o-Xylene
Concen: 2.091 ug/l
RT: 10.094 min Scan# 2738
Delta R.T. 0.003 min
Lab File: VU063264.D
Acq: 13 Feb 2025 13:42

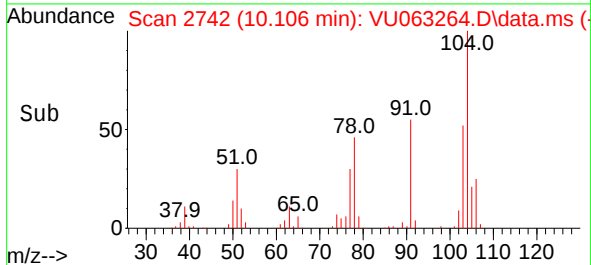
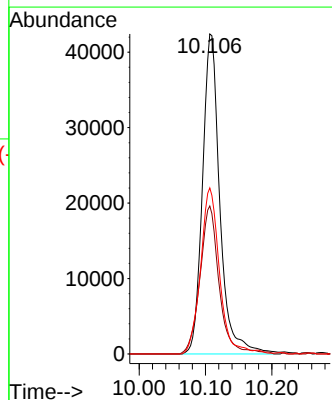
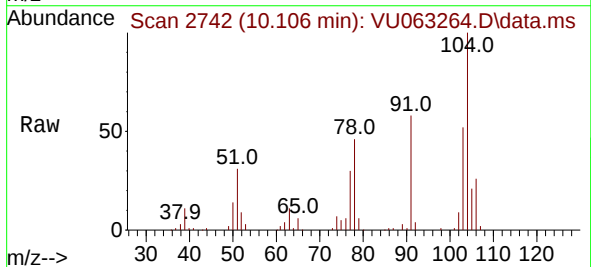
Instrument :
MSVOA_U
ClientSampleId :

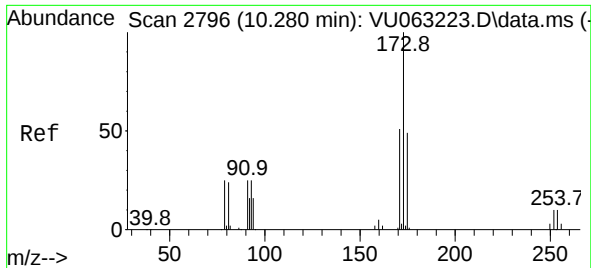
Tgt Ion:106 Resp: 48889
Ion Ratio Lower Upper
106 100
91 222.8 110.9 332.9



#66
Styrene
Concen: 2.081 ug/l
RT: 10.106 min Scan# 2742
Delta R.T. 0.003 min
Lab File: VU063264.D
Acq: 13 Feb 2025 13:42

Tgt Ion:104 Resp: 77415
Ion Ratio Lower Upper
104 100
78 50.7 41.2 61.8
103 56.0 44.8 67.2

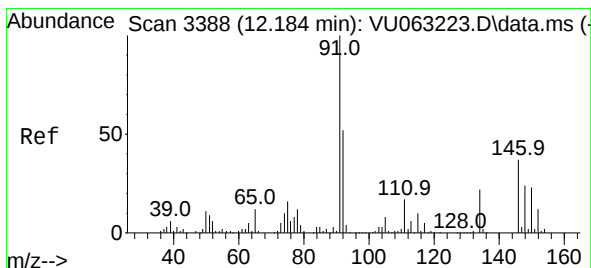
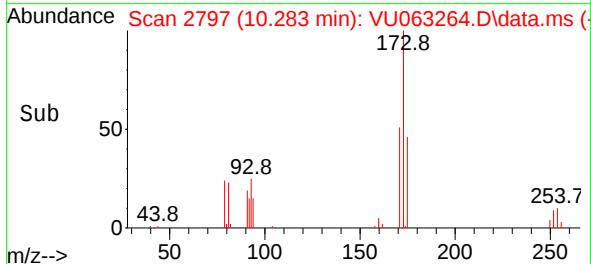
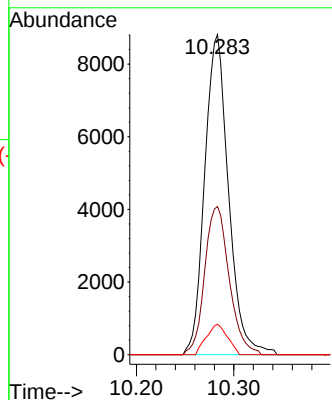
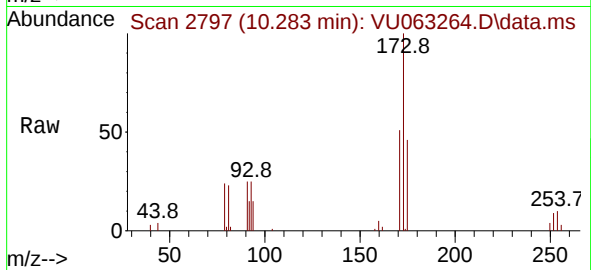




#67
Bromoform
Concen: 2.101 ug/l
RT: 10.283 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063264.D
Acq: 13 Feb 2025 13:42

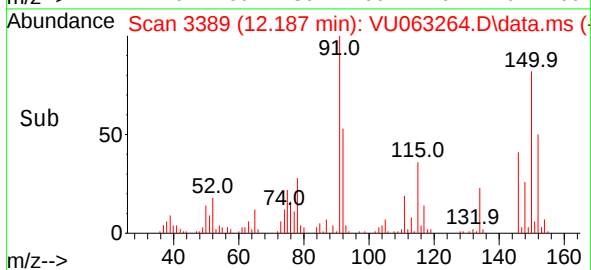
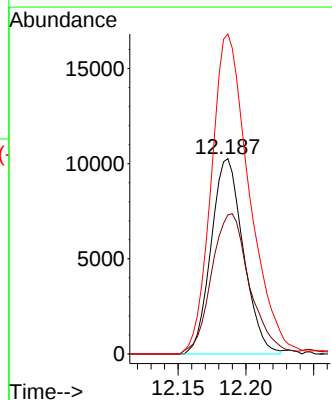
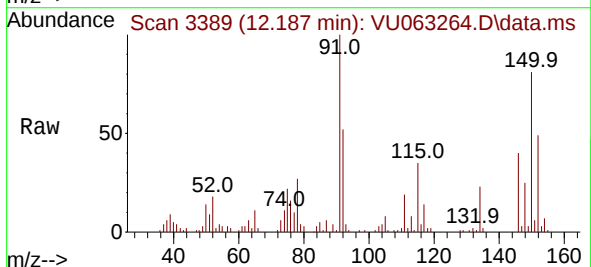
Instrument :
MSVOA_U
ClientSampleId :

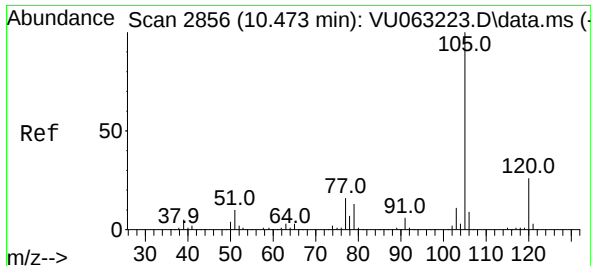
Tgt Ion:173 Resp: 14977
Ion Ratio Lower Upper
173 100
175 47.6 39.0 58.4
254 8.4 7.7 11.5



#68
1,2-Dichlorobenzene-d4
Concen: 0.993 ug/l
RT: 12.187 min Scan# 3389
Delta R.T. 0.003 min
Lab File: VU063264.D
Acq: 13 Feb 2025 13:42

Tgt Ion:152 Resp: 16929
Ion Ratio Lower Upper
152 100
115 85.0 0.0 275.2
150 193.9 0.0 658.4





#69

Isopropylbenzene

Concen: 2.074 ug/l

RT: 10.476 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063264.D

Acq: 13 Feb 2025 13:42

Instrument :

MSVOA_U

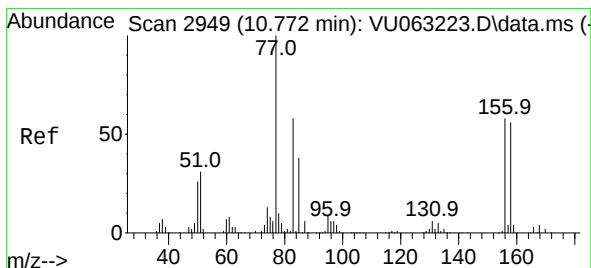
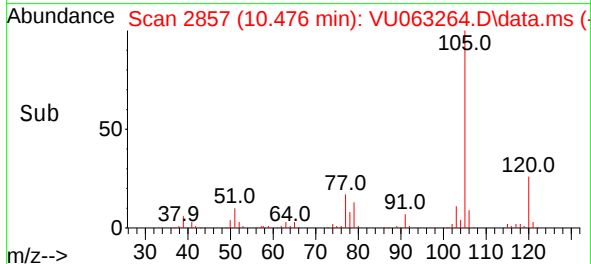
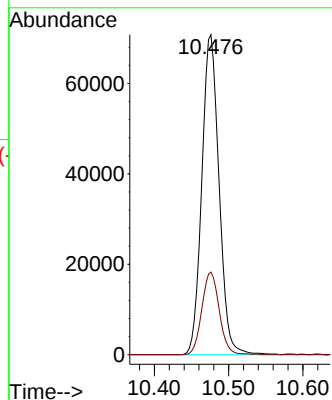
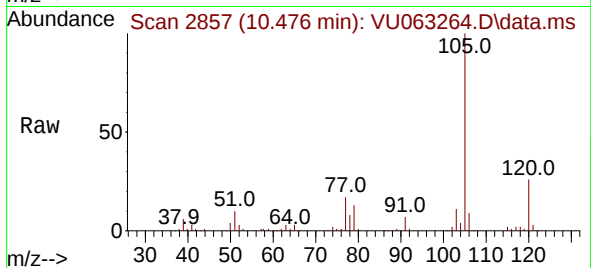
ClientSampleId :

Tgt Ion:105 Resp: 113999

Ion Ratio Lower Upper

105 100

120 26.0 12.8 38.4



#70

1,1,2,2-Tetrachloroethane

Concen: 2.134 ug/l

RT: 10.772 min Scan# 2949

Delta R.T. -0.000 min

Lab File: VU063264.D

Acq: 13 Feb 2025 13:42

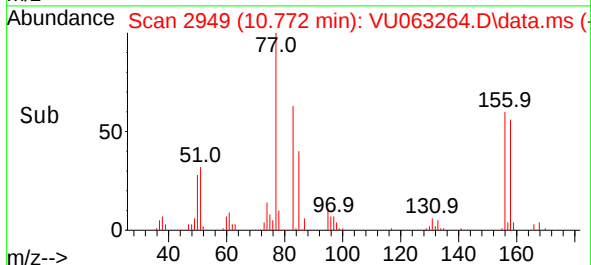
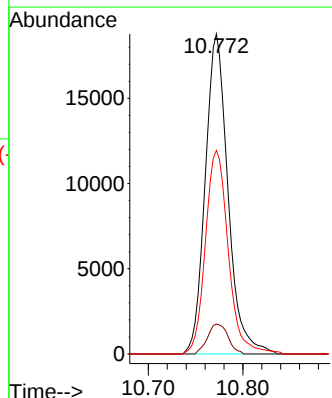
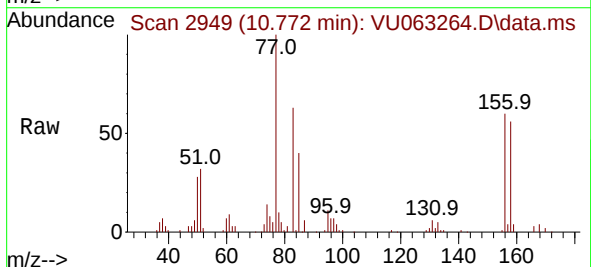
Tgt Ion: 83 Resp: 31391

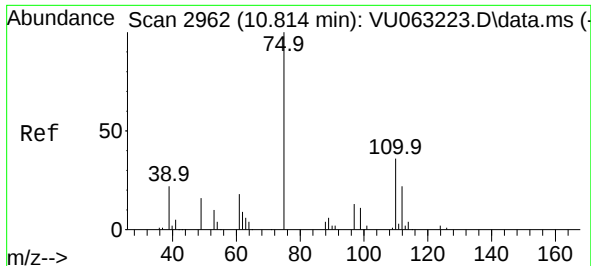
Ion Ratio Lower Upper

83 100

131 8.4 7.4 11.0

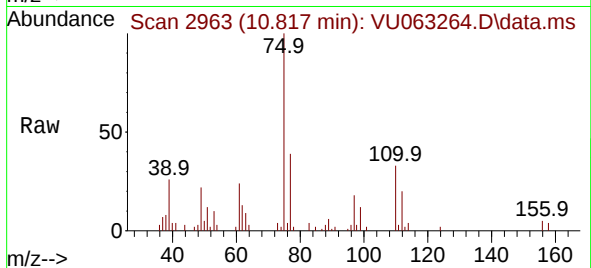
85 64.0 51.8 77.8



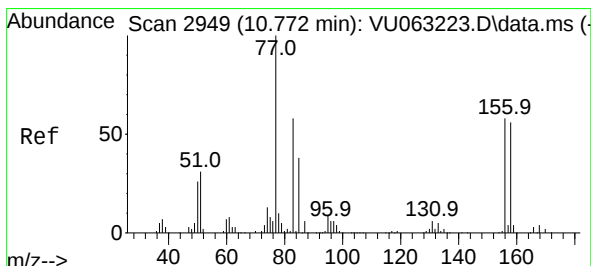
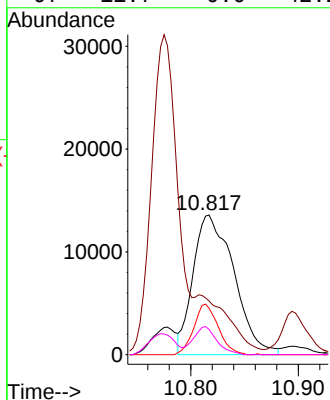
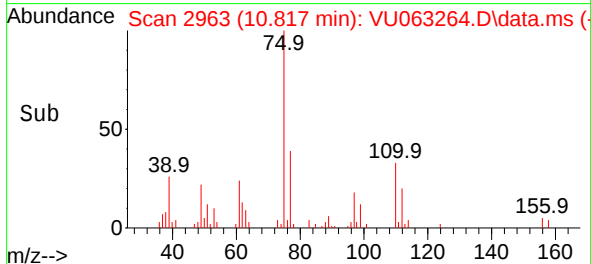


#71
1,2,3-Trichloropropane
Concen: 3.242 ug/l
RT: 10.817 min Scan# 2963
Delta R.T. 0.003 min
Lab File: VU063264.D
Acq: 13 Feb 2025 13:42

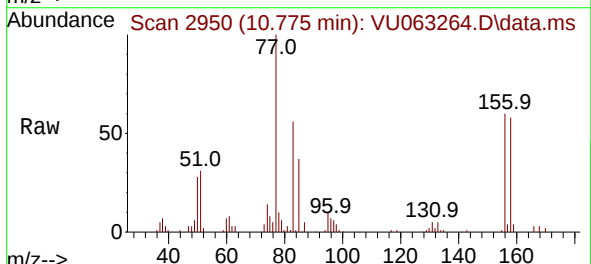
Instrument :
MSVOA_U
ClientSampleId :



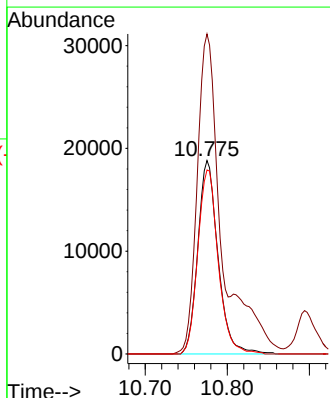
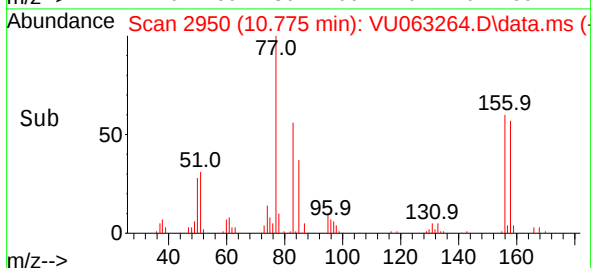
Tgt Ion: 75 Resp: 35837
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 21.7 0.0 77.0
97 11.7 0.0 42.2

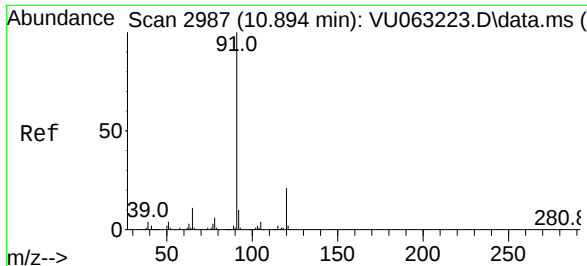


#72
Bromobenzene
Concen: 2.177 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU063264.D
Acq: 13 Feb 2025 13:42



Tgt Ion: 156 Resp: 32233
Ion Ratio Lower Upper
156 100
77 165.5 0.0 343.6
158 96.2 0.0 193.0

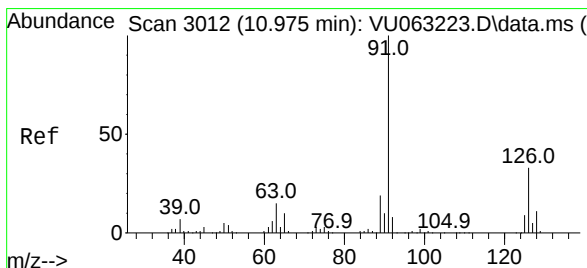
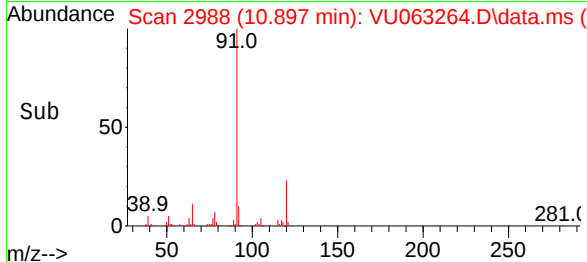
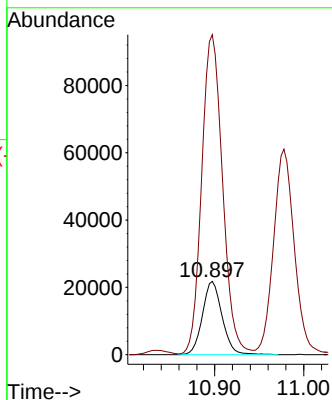
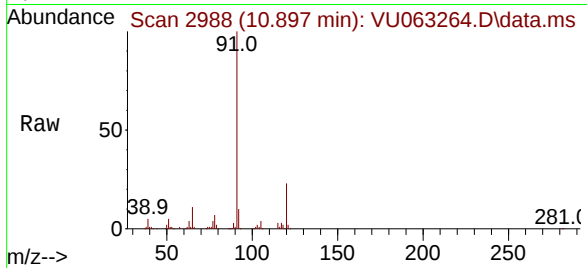




#73
n-propylbenzene
Concen: 2.116 ug/l
RT: 10.897 min Scan# 2987
Delta R.T. 0.003 min
Lab File: VU063264.D
Acq: 13 Feb 2025 13:42

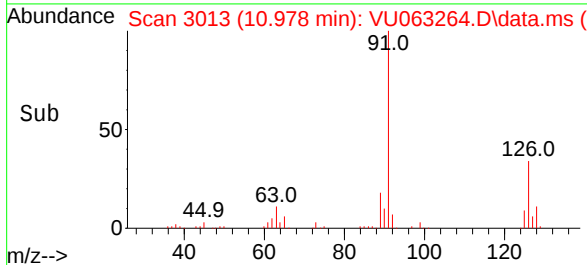
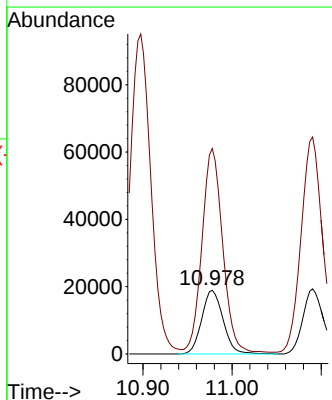
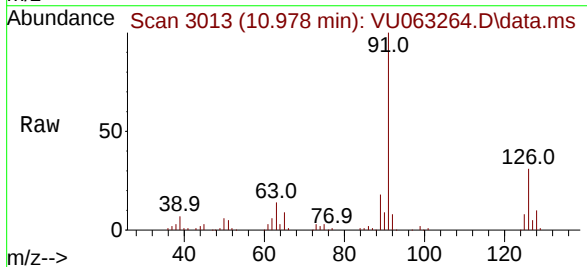
Instrument :
MSVOA_U
ClientSampleId :

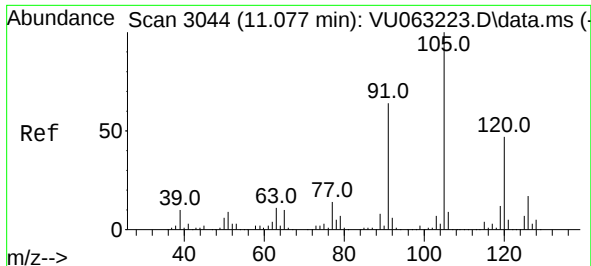
Tgt Ion:120 Resp: 33301
Ion Ratio Lower Upper
120 100
91 461.6 369.8 554.6



#74
2-Chlorotoluene
Concen: 2.170 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. 0.003 min
Lab File: VU063264.D
Acq: 13 Feb 2025 13:42

Tgt Ion:126 Resp: 31471
Ion Ratio Lower Upper
126 100
91 312.5 0.0 623.8

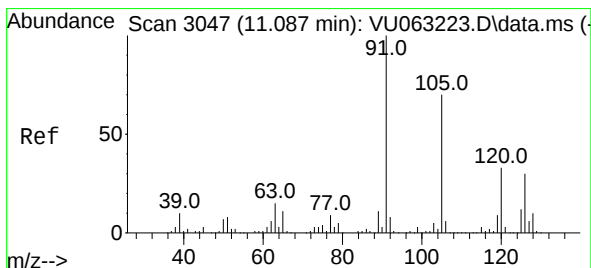
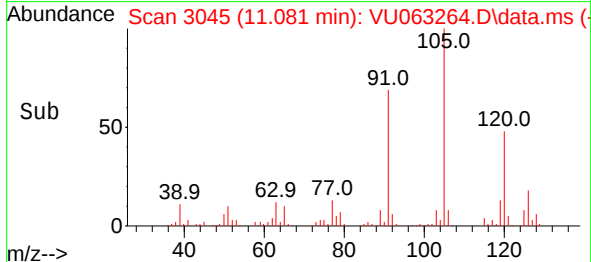
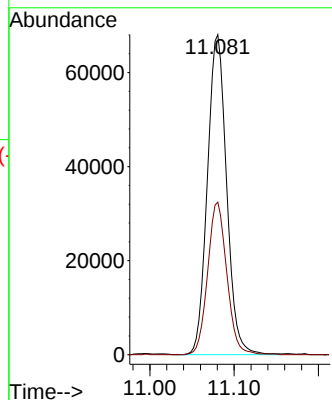
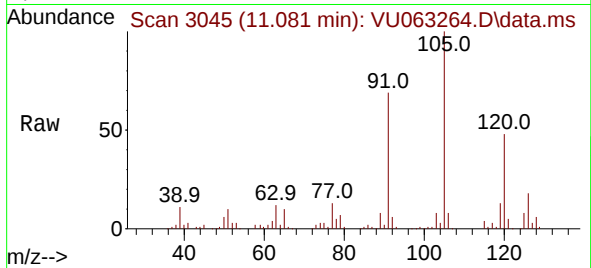




#75
1,3,5-Trimethylbenzene
Concen: 2.123 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. 0.003 min
Lab File: VU063264.D
Acq: 13 Feb 2025 13:42

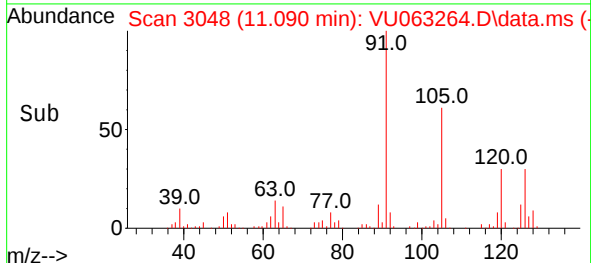
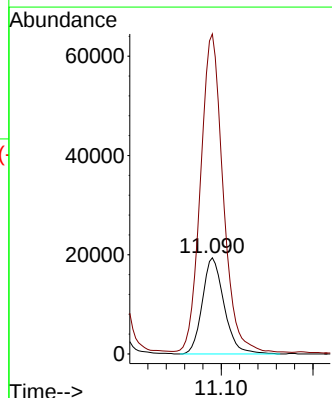
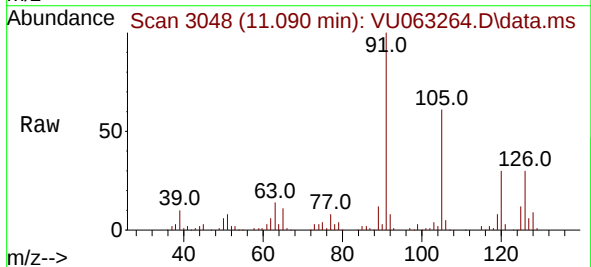
Instrument :
MSVOA_U
ClientSampleId :

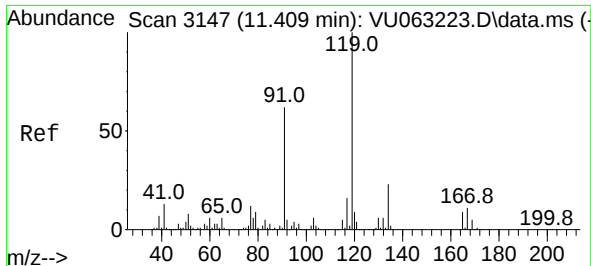
Tgt Ion:105 Resp: 108102
Ion Ratio Lower Upper
105 100
120 47.5 37.3 55.9



#76
4-Chlorotoluene
Concen: 2.145 ug/l
RT: 11.090 min Scan# 3048
Delta R.T. 0.003 min
Lab File: VU063264.D
Acq: 13 Feb 2025 13:42

Tgt Ion:126 Resp: 31896
Ion Ratio Lower Upper
126 100
91 343.6 0.0 703.6

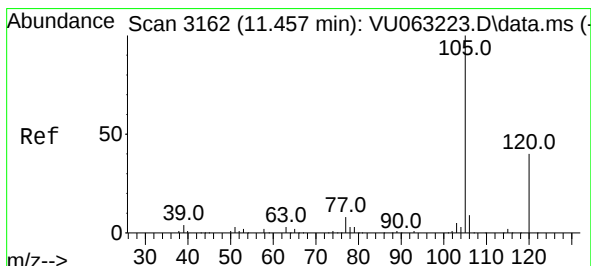
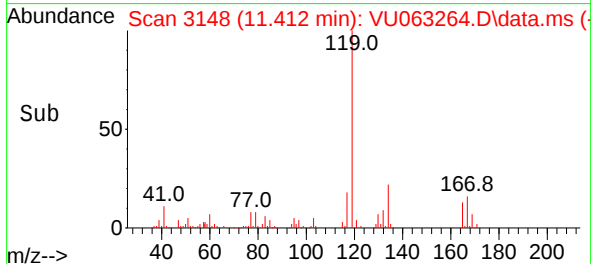
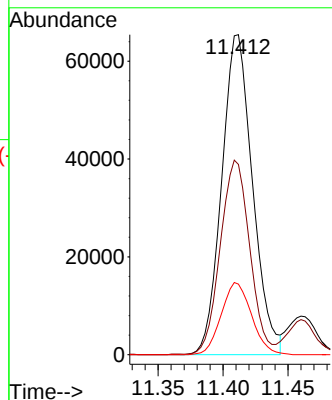
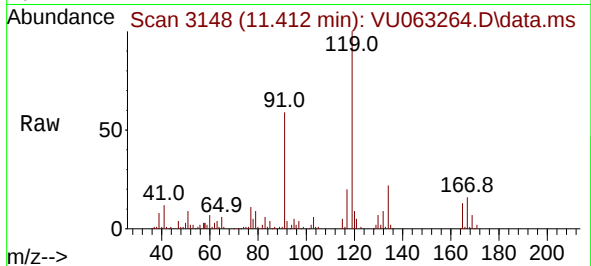




#77
tert-Butylbenzene
Concen: 2.099 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. 0.003 min
Lab File: VU063264.D
Acq: 13 Feb 2025 13:42

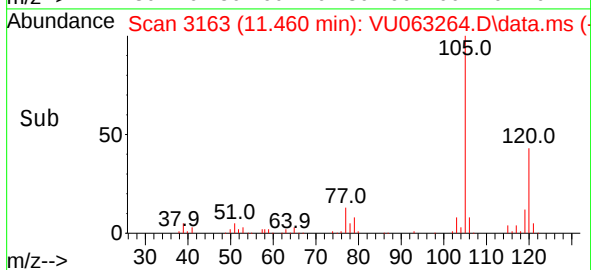
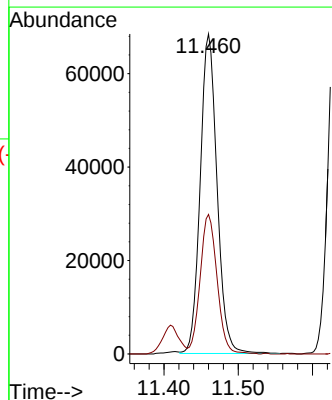
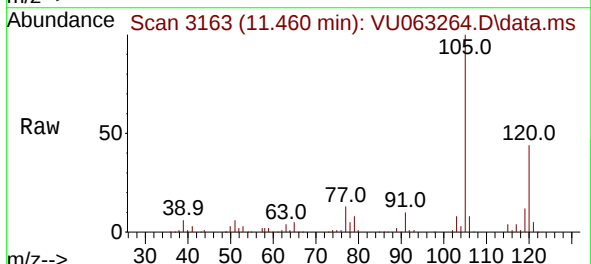
Instrument :
MSVOA_U
ClientSampleId :

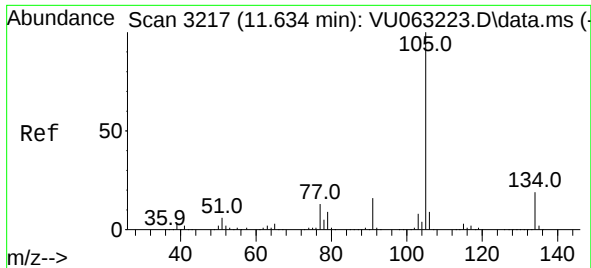
Tgt Ion:119 Resp: 108110
Ion Ratio Lower Upper
119 100
91 57.6 29.4 88.3
134 22.1 17.6 26.4



#78
1,2,4-Trimethylbenzene
Concen: 2.133 ug/l
RT: 11.460 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VU063264.D
Acq: 13 Feb 2025 13:42

Tgt Ion:105 Resp: 107772
Ion Ratio Lower Upper
105 100
120 44.0 21.9 65.7

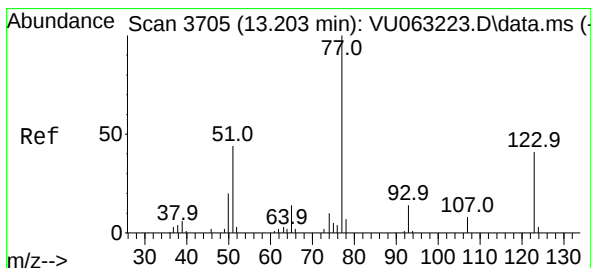
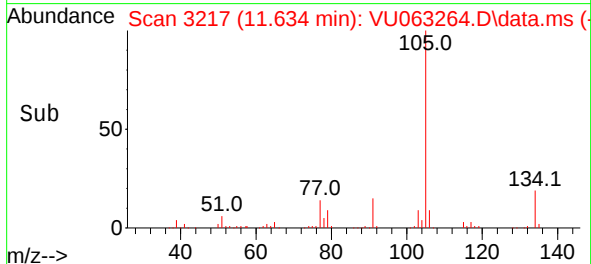
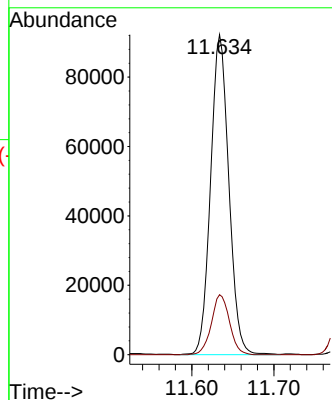
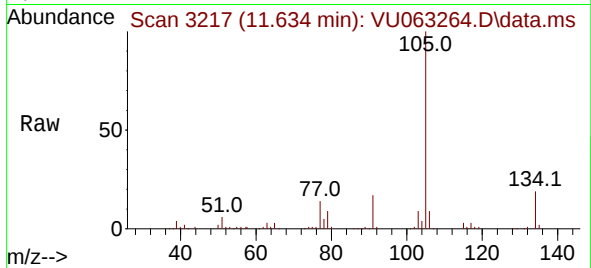




#79
 sec-Butylbenzene
 Concen: 2.175 ug/l
 RT: 11.634 min Scan# 3217
 Delta R.T. -0.000 min
 Lab File: VU063264.D
 Acq: 13 Feb 2025 13:42

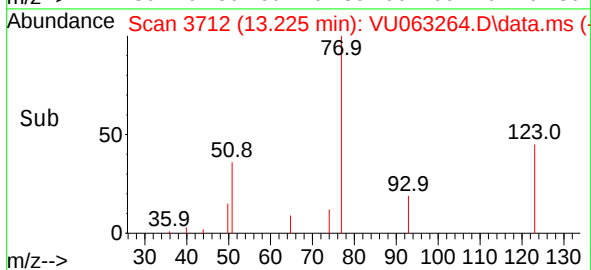
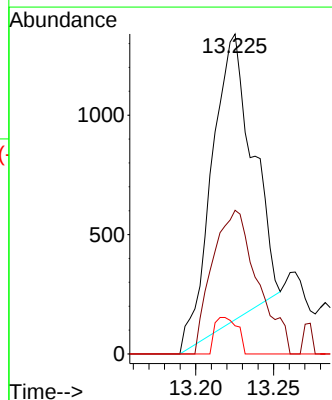
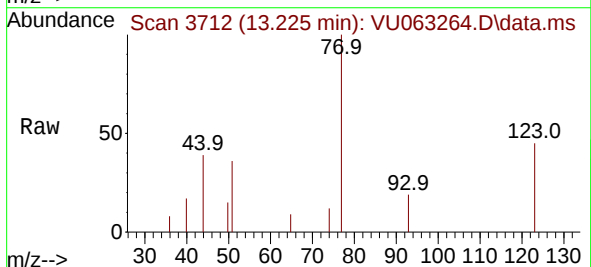
Instrument :
 MSVOA_U
 ClientSampleId :

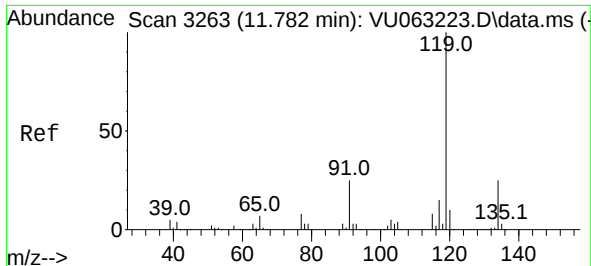
Tgt Ion:105 Resp: 142624
 Ion Ratio Lower Upper
 105 100
 134 18.6 15.1 22.7



#80
 Nitrobenzene
 Concen: 8.490 ug/l
 RT: 13.225 min Scan# 3712
 Delta R.T. 0.022 min
 Lab File: VU063264.D
 Acq: 13 Feb 2025 13:42

Tgt Ion: 77 Resp: 2195
 Ion Ratio Lower Upper
 77 100
 123 55.2 18.9 67.1
 65 7.1 11.9 15.1#

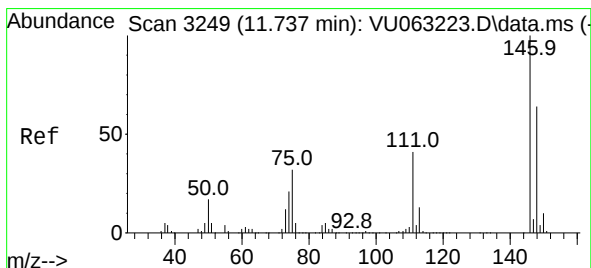
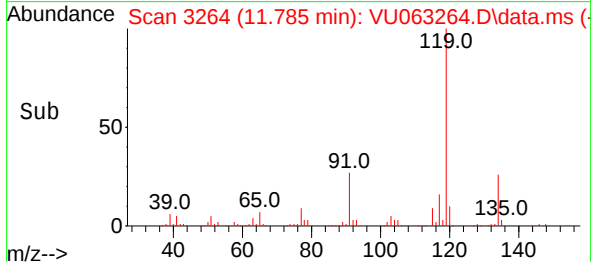
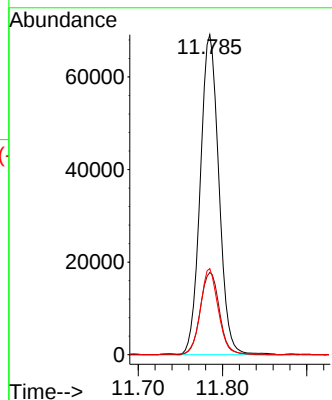
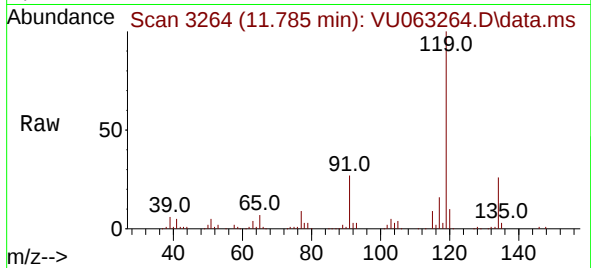




#81
p-Isopropyltoluene
Concen: 2.052 ug/l
RT: 11.785 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063264.D
Acq: 13 Feb 2025 13:42

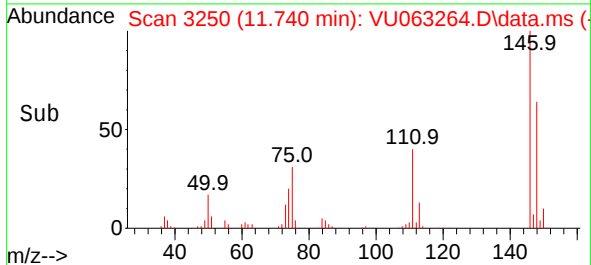
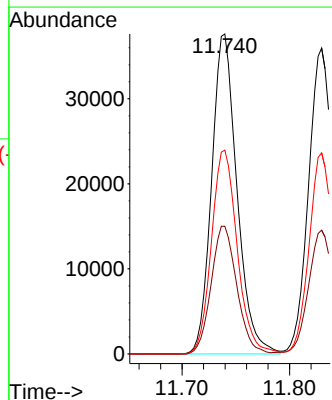
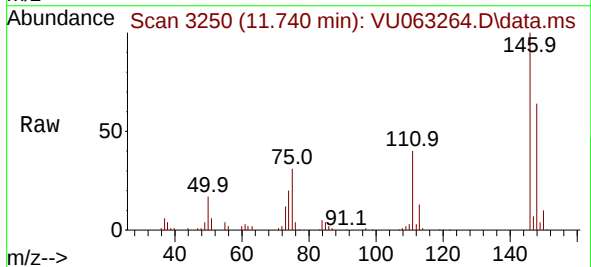
Instrument :
MSVOA_U
ClientSampleId :

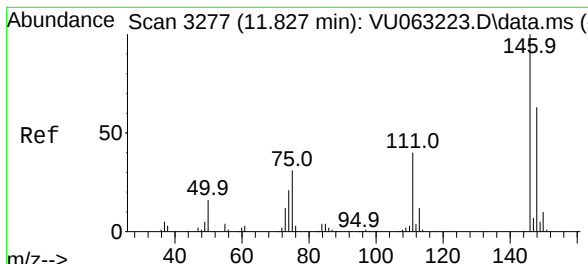
Tgt Ion:119 Resp: 106202
Ion Ratio Lower Upper
119 100
134 26.4 20.3 30.5
91 25.3 19.4 29.2



#82
1,3-Dichlorobenzene
Concen: 2.145 ug/l
RT: 11.740 min Scan# 3250
Delta R.T. 0.003 min
Lab File: VU063264.D
Acq: 13 Feb 2025 13:42

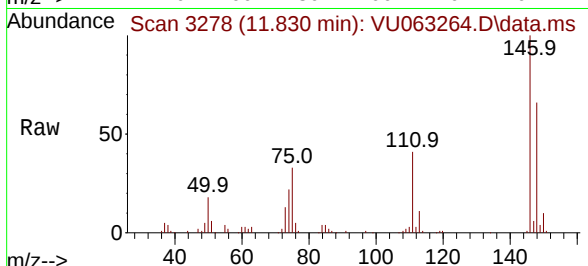
Tgt Ion:146 Resp: 61598
Ion Ratio Lower Upper
146 100
111 40.5 32.8 49.2
148 64.9 51.1 76.7



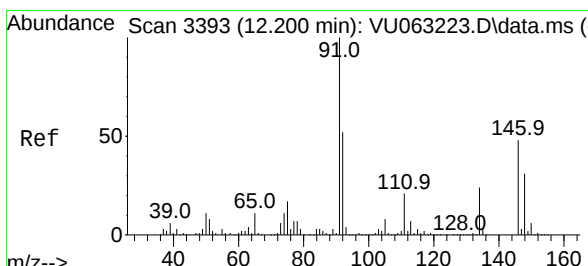
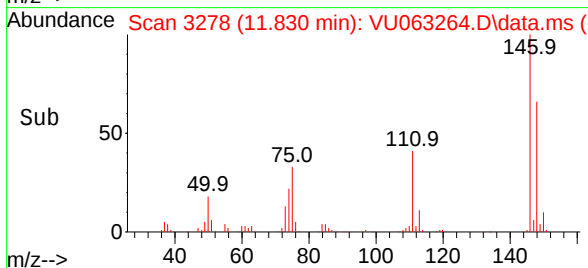
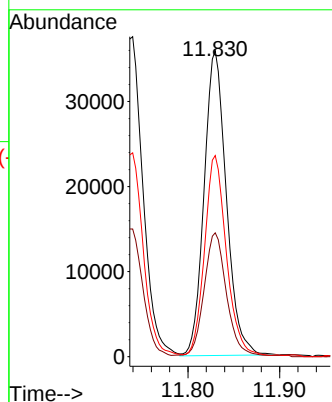


#83
 1,4-Dichlorobenzene
 Concen: 2.151 ug/l
 RT: 11.830 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU063264.D
 Acq: 13 Feb 2025 13:42

Instrument :
 MSVOA_U
 ClientSampleId :

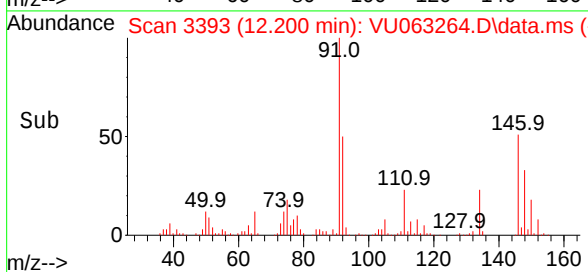
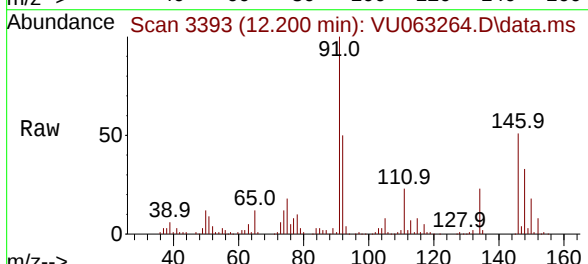
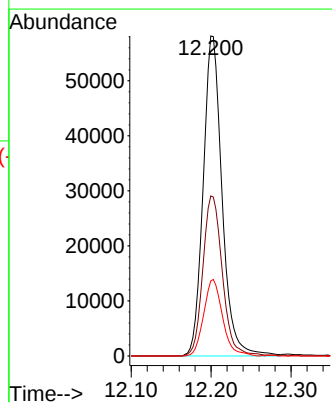


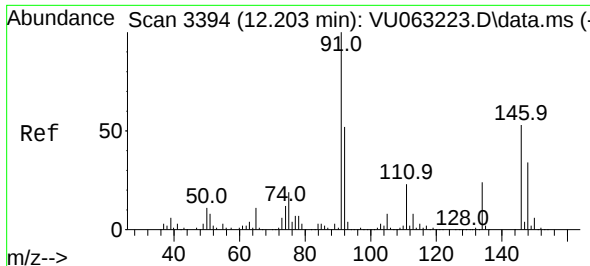
Tgt Ion:146 Resp: 60439
 Ion Ratio Lower Upper
 146 100
 111 40.2 32.1 48.1
 148 64.3 50.2 75.4



#84
 n-Butylbenzene
 Concen: 2.067 ug/l
 RT: 12.200 min Scan# 3393
 Delta R.T. -0.000 min
 Lab File: VU063264.D
 Acq: 13 Feb 2025 13:42

Tgt Ion: 91 Resp: 95901
 Ion Ratio Lower Upper
 91 100
 92 51.5 41.8 62.8
 134 23.8 18.6 28.0





#85

1,2-Dichlorobenzene

Concen: 2.108 ug/l

RT: 12.206 min Scan# 3400

Delta R.T. 0.003 min

Lab File: VU063264.D

Acq: 13 Feb 2025 13:42

Instrument :

MSVOA_U

ClientSampleId :

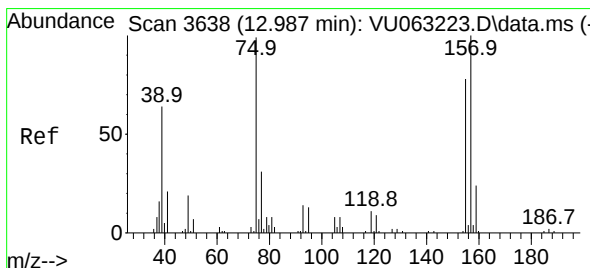
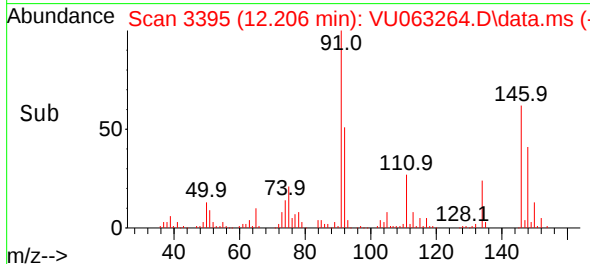
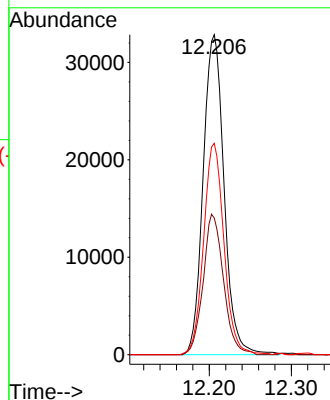
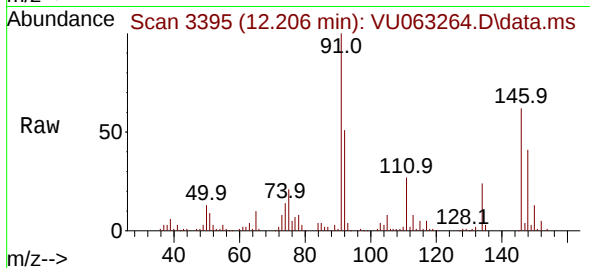
Tgt Ion:146 Resp: 58198

Ion Ratio Lower Upper

146 100

111 42.8 21.9 65.7

148 64.4 32.3 96.9



#86

1,2-Dibromo-3-Chloropropane

Concen: 2.136 ug/l

RT: 12.994 min Scan# 3640

Delta R.T. 0.006 min

Lab File: VU063264.D

Acq: 13 Feb 2025 13:42

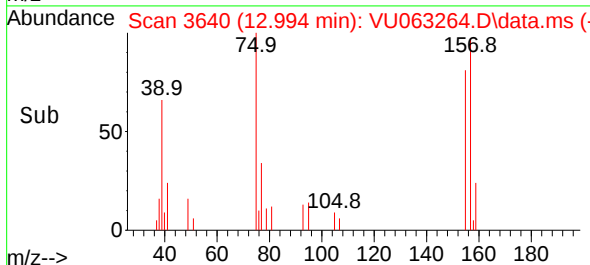
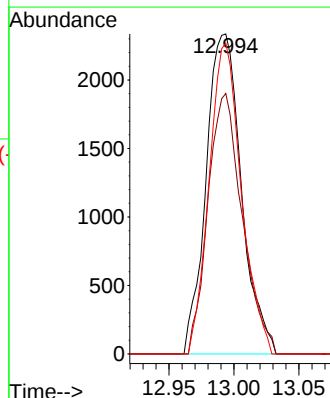
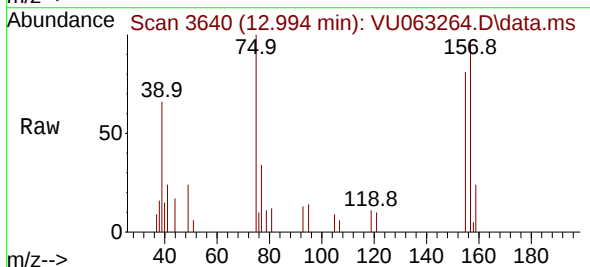
Tgt Ion: 75 Resp: 4410

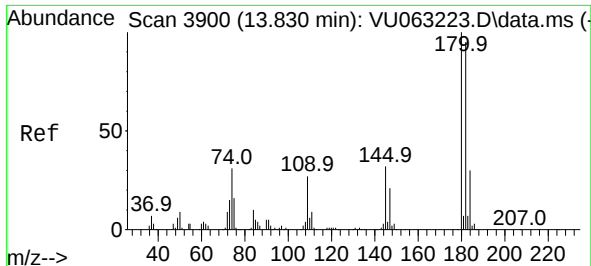
Ion Ratio Lower Upper

75 100

155 79.1 63.5 95.3

157 88.8 81.8 122.6





#87

1,2,4-Trichlorobenzene

Concen: 2.180 ug/l

RT: 13.836 min Scan# 3900

Delta R.T. 0.006 min

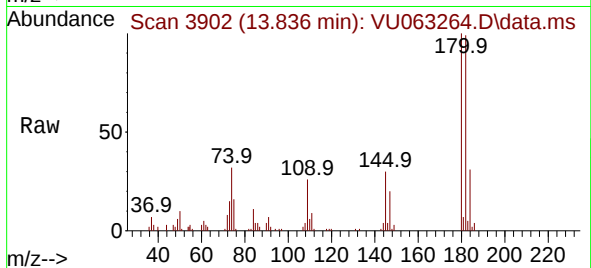
Lab File: VU063264.D

Acq: 13 Feb 2025 13:42

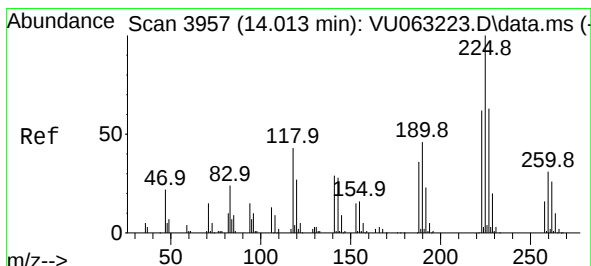
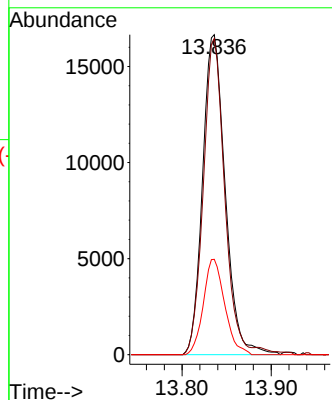
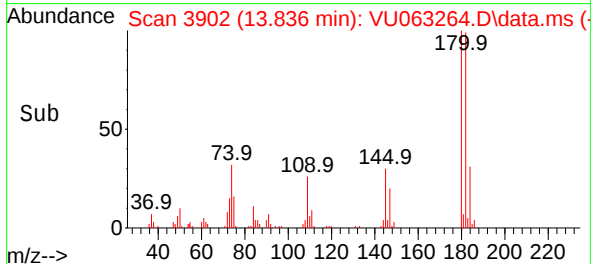
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	180	Resp:	29346
Ion Ratio	Lower	Upper	
180	100		
182	92.3	76.6	115.0
145	28.1	25.4	38.2



#88

Hexachlorobutadiene

Concen: 2.171 ug/l

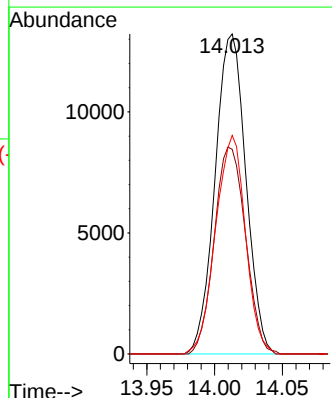
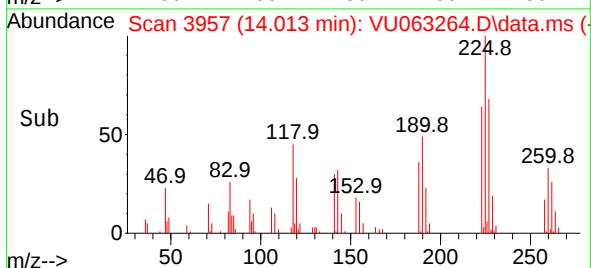
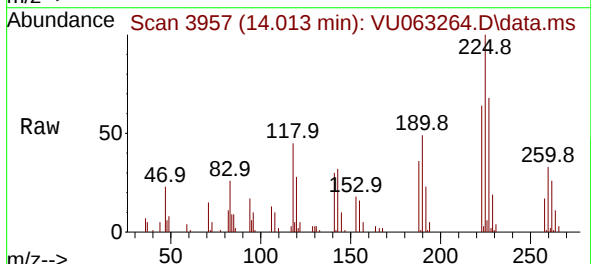
RT: 14.013 min Scan# 3957

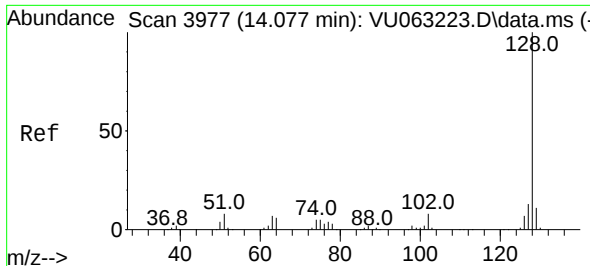
Delta R.T. -0.000 min

Lab File: VU063264.D

Acq: 13 Feb 2025 13:42

Tgt Ion:	225	Resp:	20891
Ion Ratio	Lower	Upper	
225	100		
223	65.6	49.5	74.3
227	66.1	51.0	76.4





#89

Naphthalene

Concen: 2.037 ug/l

RT: 14.084 min Scan# 3979

Delta R.T. 0.006 min

Lab File: VU063264.D

Acq: 13 Feb 2025 13:42

Instrument :

MSVOA_U

ClientSampleId :

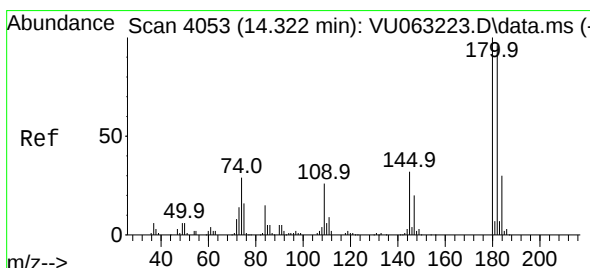
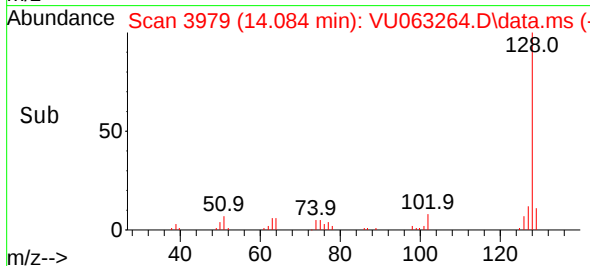
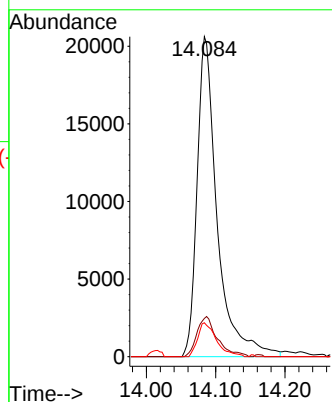
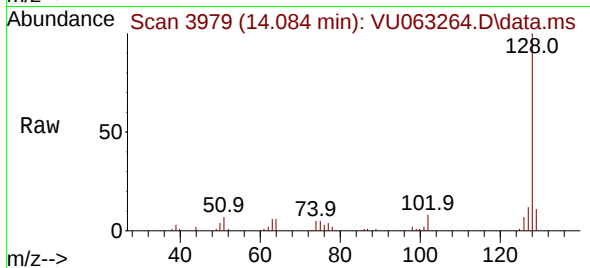
Tgt Ion:128 Resp: 41543

Ion Ratio Lower Upper

128 100

127 12.7 10.6 16.0

129 9.9 8.6 13.0



#90

1,2,3-Trichlorobenzene

Concen: 2.063 ug/l

RT: 14.325 min Scan# 4054

Delta R.T. 0.003 min

Lab File: VU063264.D

Acq: 13 Feb 2025 13:42

Tgt Ion:180 Resp: 27174

Ion Ratio Lower Upper

180 100

182 99.4 78.2 117.2

145 30.3 26.1 39.1

