

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071725\
 Data File : VU063531.D
 Acq On : 17 Jul 2025 18:21
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFB

Quant Time: Jul 18 04:17:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071625DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 17 03:49:40 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.094	96	26488	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	8558	0.853	ug/l	0.00
Spiked Amount 1.000			Recovery	=	85.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	8996	0.970	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	61876	7.922	ug/l	99
3) Chloromethane	1.518	50	61201	8.430	ug/l	100
4) Vinyl Chloride	1.599	62	81232	8.785	ug/l	99
5) Bromomethane	1.840	94	61355	8.799	ug/l	98
6) Chloroethane	1.920	64	49654	8.894	ug/l	100
7) Trichlorofluoromethane	2.126	101	120329	9.064	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.566	101	63095	9.094	ug/l	99
9) 1,1-Dichloroethene	2.566	96	62658	9.112	ug/l	98
10) Iodomethane	2.708	142	67975	6.922	ug/l	98
11) Allyl Chloride	2.907	41	87801	8.838	ug/l	99
12) Acrylonitrile	3.303	53	29064	16.898	ug/l	93
13) Acetone	2.618	43	56883	41.278	ug/l	100
14) Carbon Disulfide	2.775	76	175070	7.882	ug/l	99
15) Methylene Chloride	3.026	84	71827	8.871	ug/l	99
16) trans-1,2-Dichloroethene	3.332	96	70036	8.967	ug/l	99
17) 1,1-Dichloroethane	3.846	63	132544	9.156	ug/l	98
18) 2-Butanone	4.714	43	93449	43.789	ug/l	99
19) Cyclohexane	5.357	56	110490	9.015	ug/l	100
20) Methylcyclohexane	6.740	83	89946	7.550	ug/l	98
21) 2,2-Dichloropropane	4.643	77	90657	7.355	ug/l	99
22) cis-1,2-Dichloroethene	4.647	96	76107	8.980	ug/l	100
23) Diethyl Ether	2.370	59	50115	9.564	ug/l	99
24) tert-Butyl Alcohol	3.193	59	60534	95.696	ug/l	99
25) Methyl tert-Butyl Ether	3.361	73	167530	9.332	ug/l	99
26) Bromochloromethane	4.955	128	32797	9.268	ug/l	94
27) Chloroform	5.068	83	135161	9.150	ug/l	99
28) 1,1,1-Trichloroethane	5.293	97	114495	9.133	ug/l	99
29) 1,1-Dichloropropene	5.502	75	104893	9.032	ug/l	98
30) Carbon Tetrachloride	5.499	117	91328	9.051	ug/l	97
31) Isopropyl Ether	3.991	45	203231	9.301	ug/l	98
32) Ethyl-t-butyl ether	4.502	59	188217	9.308	ug/l	100
33) Tert-Amyl methyl ether	5.939	73	160180	9.127	ug/l	99
34) Propionitrile	4.775	54	29935	46.039	ug/l	96
35) Benzene	5.753	78	292284	9.367	ug/l	100
36) 1,2-Dichloroethane	5.778	62	92180	9.507	ug/l	99
37) Trichloroethene	6.524	130	63260	7.946	ug/l	98
38) 1,2-Dichloropropane	6.778	63	61458	8.415	ug/l	100
39) Methacrylonitrile	4.971	41	24655	8.530	ug/l	98
40) Methyl acrylate	4.846	55	39897	9.443	ug/l	98
41) Tetrahydrofuran	5.061	42	26805	17.630	ug/l	99
42) 1-Chlorobutane	5.434	56	142081	9.202	ug/l	98
43) Dibromomethane	6.904	93	32191	8.509	ug/l	95
44) Bromodichloromethane	7.094	83	70182	8.226	ug/l	99

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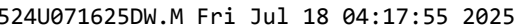
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 ClientSampleId :
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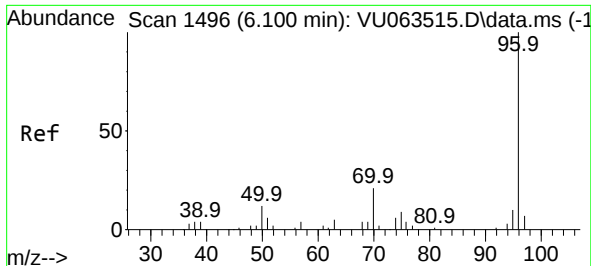
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.798	43	177882	45.620	ug/l	99
46) t-1,4-Dichloro-2-butene	10.817	75	57136	39.035	ug/l #	55
47) Methyl methacrylate	6.965	69	55488	17.463	ug/l	99
48) Ethyl methacrylate	8.331	69	55612	9.171	ug/l	97
49) Toluene	7.958	92	150970	8.861	ug/l	100
50) t-1,3-Dichloropropene	8.203	75	58001	8.665	ug/l	99
51) cis-1,3-Dichloropropene	7.598	75	75934	8.451	ug/l	99
52) 1,1,2-Trichloroethane	8.393	97	46808	9.190	ug/l	98
53) 1,3-Dichloropropane	8.566	76	78845	8.967	ug/l	100
54) 2-Hexanone	8.688	43	119520	46.147	ug/l	99
55) Dibromochloromethane	8.801	129	48576	9.024	ug/l	99
56) 1,2-Dibromoethane	8.917	107	39777	8.726	ug/l	98
58) Tetrachloroethene	8.540	164	61549	8.447	ug/l	97
59) Chlorobenzene	9.438	112	172600	8.820	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.524	131	54198	8.613	ug/l	99
61) Pentachloroethane	11.418	117	39302	8.839	ug/l	94
62) Hexachloroethane	12.466	117	38339	8.707	ug/l	94
63) Ethyl Benzene	9.563	91	295312	8.770	ug/l	99
64) m/p-Xylenes	9.685	106	232831	17.789	ug/l	98
65) o-Xylene	10.090	106	113833	9.051	ug/l	100
66) Styrene	10.106	104	186420	9.301	ug/l	97
67) Bromoform	10.283	173	22400	8.103	ug/l	99
69) Isopropylbenzene	10.476	105	275747	9.069	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.775	83	57367	9.256	ug/l	100
71) 1,2,3-Trichloropropane	10.817	75	57136	11.350	ug/l #	88
72) Bromobenzene	10.775	156	68813	8.769	ug/l	98
73) n-propylbenzene	10.897	120	83317	9.103	ug/l	99
74) 2-Chlorotoluene	10.978	126	72858	9.007	ug/l	99
75) 1,3,5-Trimethylbenzene	11.081	105	267836	9.221	ug/l	100
76) 4-Chlorotoluene	11.090	126	74741	9.098	ug/l	99
77) tert-Butylbenzene	11.412	119	250719	9.032	ug/l	98
78) 1,2,4-Trimethylbenzene	11.460	105	265878	9.226	ug/l	99
79) sec-Butylbenzene	11.634	105	343967	9.188	ug/l	99
80) Nitrobenzene	13.203	77	4243	33.947	ug/l	99
81) p-Isopropyltoluene	11.785	119	292342	9.355	ug/l	99
82) 1,3-Dichlorobenzene	11.736	146	138899	8.847	ug/l	99
83) 1,4-Dichlorobenzene	11.830	146	149632	9.521	ug/l	96
84) n-Butylbenzene	12.199	91	267880	9.243	ug/l	100
85) 1,2-Dichlorobenzene	12.203	146	134734	9.134	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.987	75	8435	8.372	ug/l	98
87) 1,2,4-Trichlorobenzene	13.833	180	88063	9.601	ug/l	99
88) Hexachlorobutadiene	14.013	225	44278	8.500	ug/l	99
89) Naphthalene	14.080	128	141368	8.601	ug/l	99
90) 1,2,3-Trichlorobenzene	14.322	180	74454	8.784	ug/l	98

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

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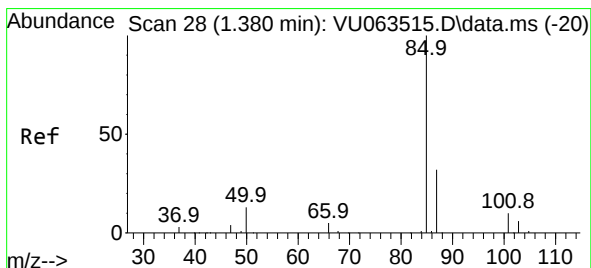
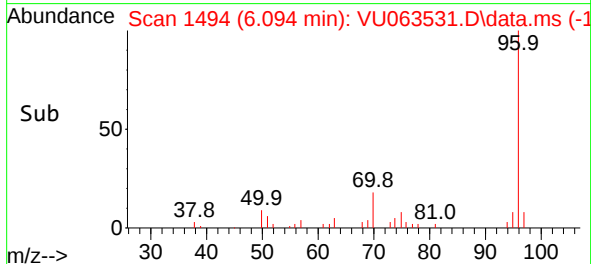
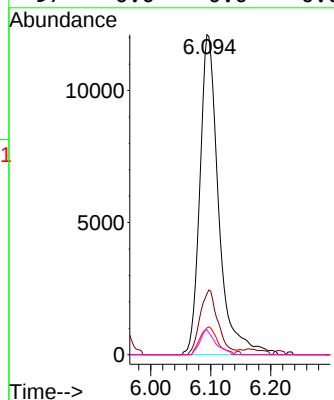
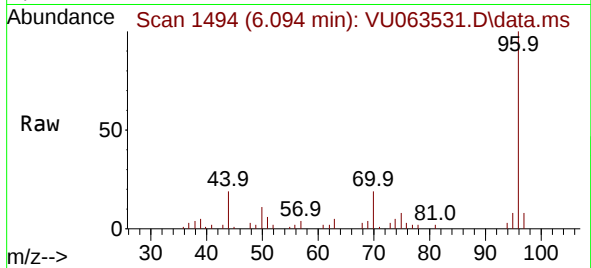




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.094 min Scan# 14
Delta R.T. -0.006 min
Lab File: VU063531.D
Acq: 17 Jul 2025 18:21

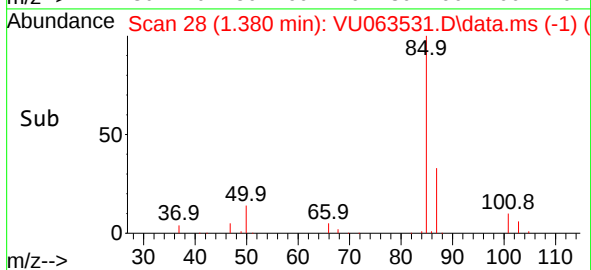
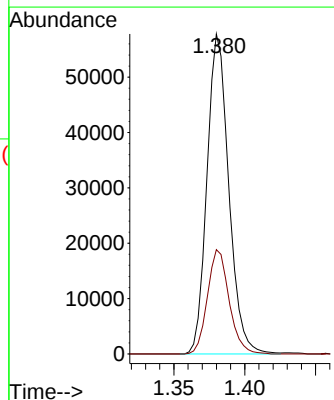
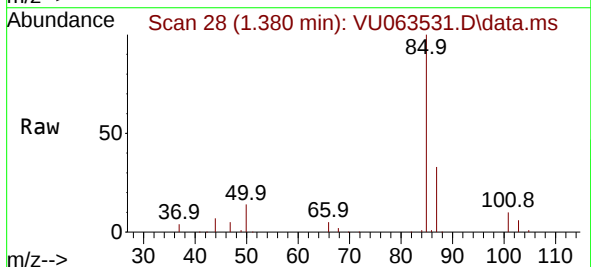
Instrument :
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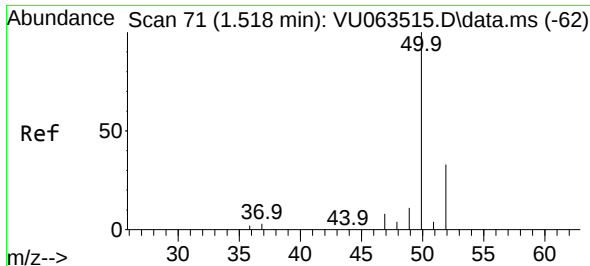
Tgt Ion:	96	Resp:	26488
Ion	Ratio	Lower	Upper
96	100		
70	17.8	15.0	22.4
95	8.0	7.4	11.0
97	0.0	0.0	0.0



#2
Dichlorodifluoromethane
Concen: 7.922 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU063531.D
Acq: 17 Jul 2025 18:21

Tgt Ion:	85	Resp:	61876
Ion	Ratio	Lower	Upper
85	100		
87	32.6	16.0	47.9

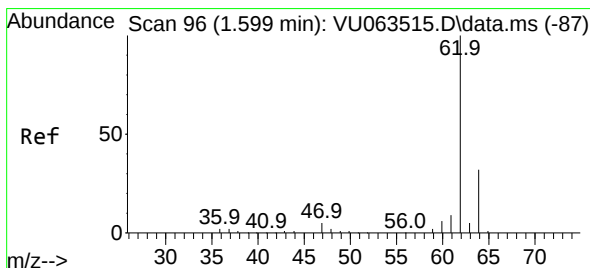
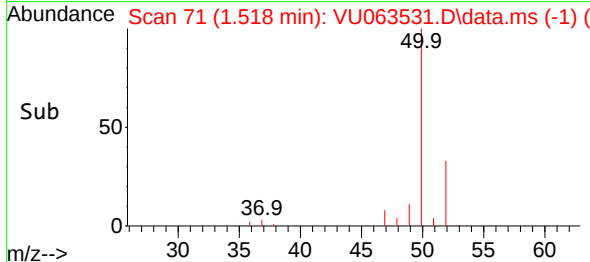
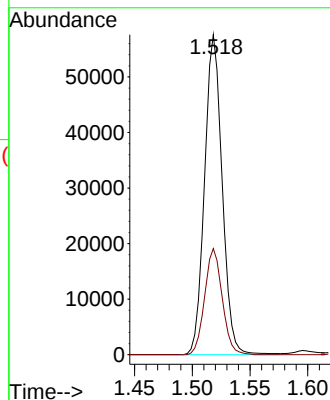
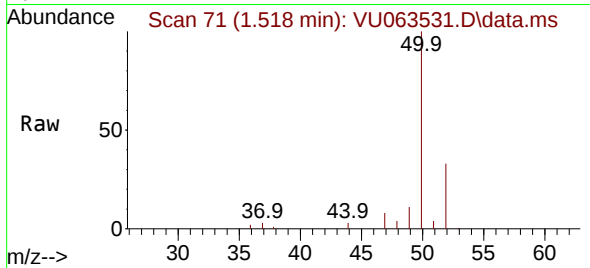




#3
Chloromethane
Concen: 8.430 ug/l
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU063531.D
Acq: 17 Jul 2025 18:21

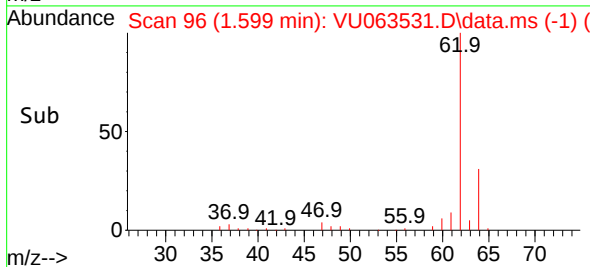
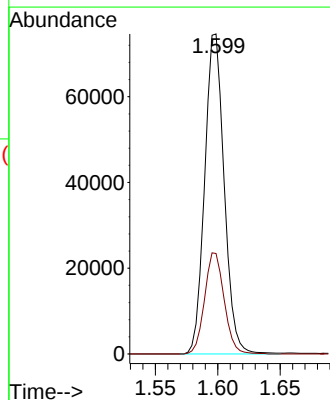
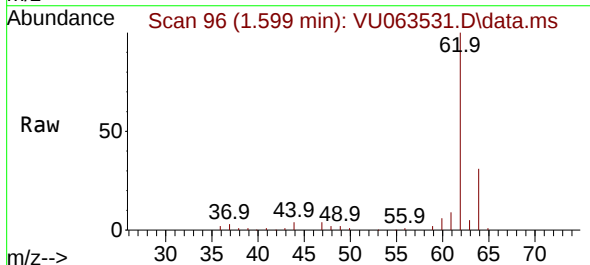
Instrument :
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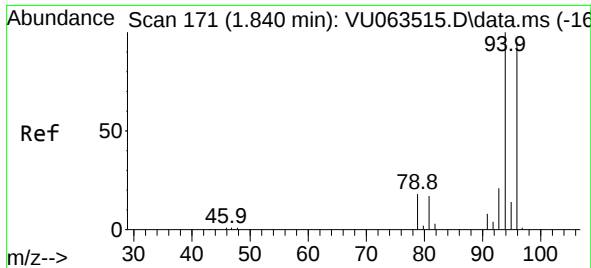
Tgt Ion: 50 Resp: 61201
Ion Ratio Lower Upper
50 100
52 33.1 26.3 39.5



#4
Vinyl Chloride
Concen: 8.785 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063531.D
Acq: 17 Jul 2025 18:21

Tgt Ion: 62 Resp: 81232
Ion Ratio Lower Upper
62 100
64 31.4 25.7 38.5

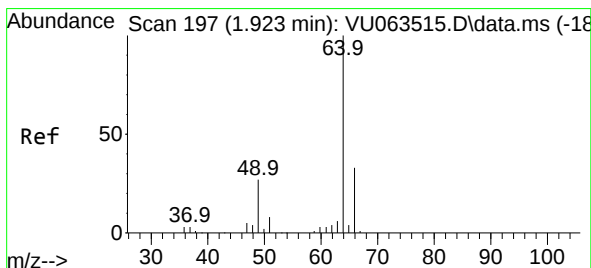
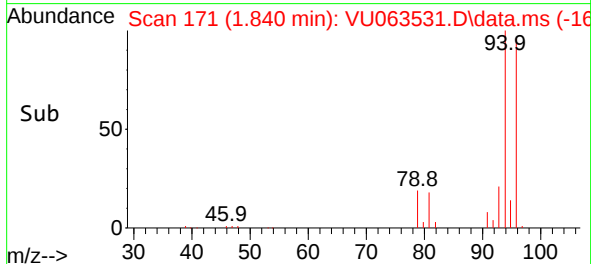
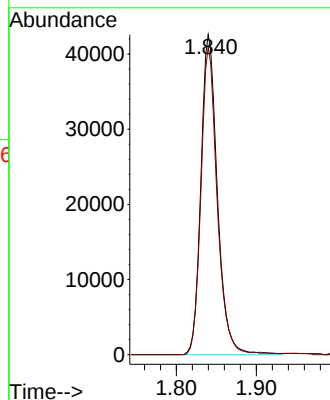
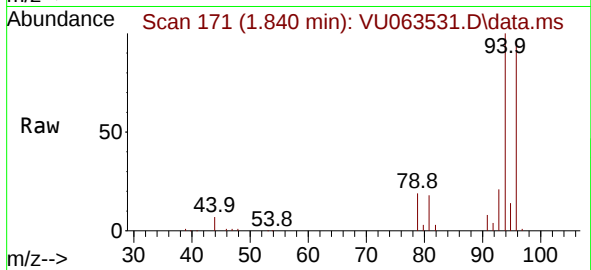




#5
Bromomethane
Concen: 8.799 ug/l
RT: 1.840 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU063531.D
Acq: 17 Jul 2025 18:21

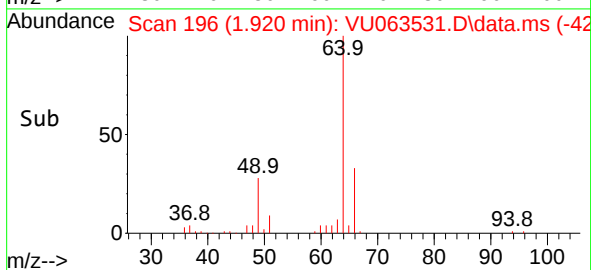
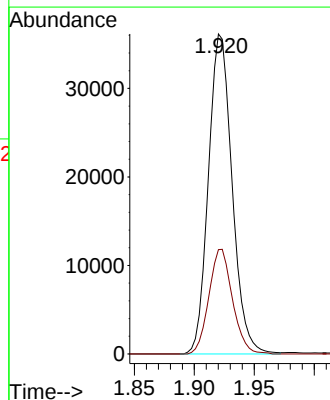
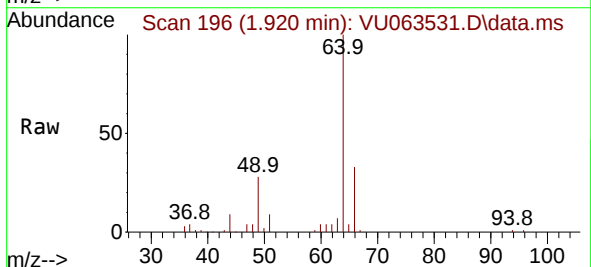
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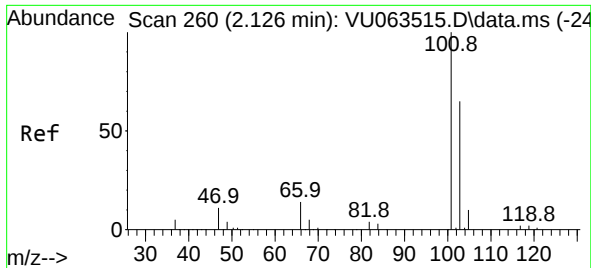
Tgt Ion: 94 Resp: 61355
Ion Ratio Lower Upper
94 100
96 96.2 75.8 113.6



#6
Chloroethane
Concen: 8.894 ug/l
RT: 1.920 min Scan# 196
Delta R.T. -0.003 min
Lab File: VU063531.D
Acq: 17 Jul 2025 18:21

Tgt Ion: 64 Resp: 49654
Ion Ratio Lower Upper
64 100
66 32.6 26.2 39.4

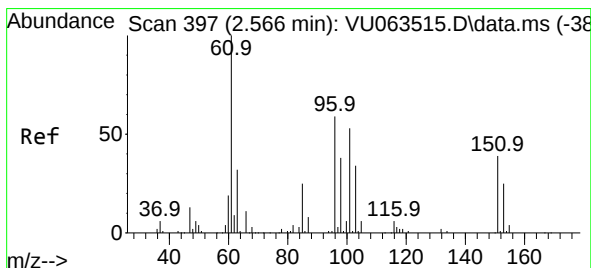
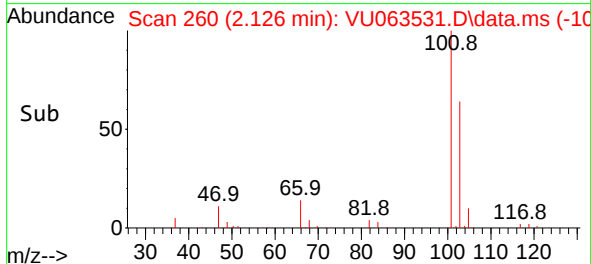
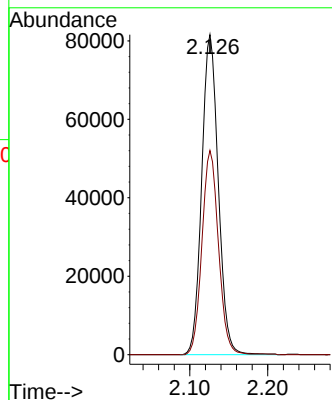
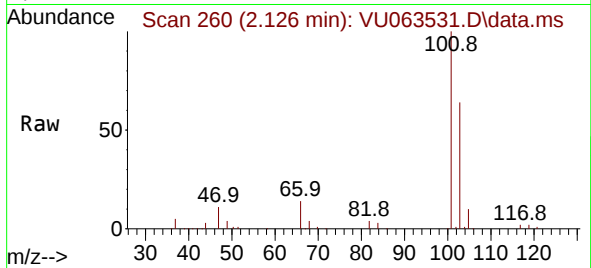




#7
 Trichlorofluoromethane
 Concen: 9.064 ug/l
 RT: 2.126 min Scan# 210
 Delta R.T. -0.000 min
 Lab File: VU063531.D
 Acq: 17 Jul 2025 18:21

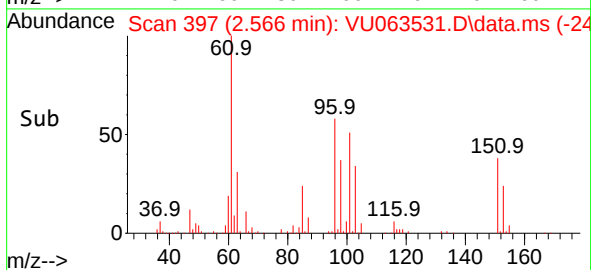
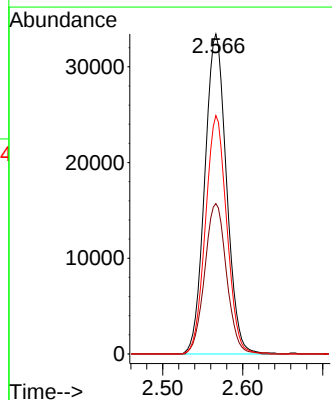
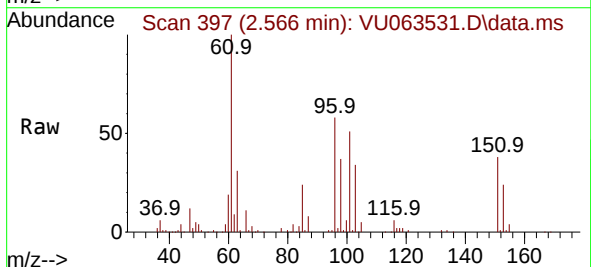
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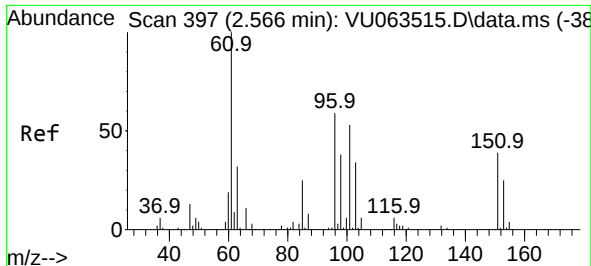
Tgt Ion:101 Resp: 120329
 Ion Ratio Lower Upper
 101 100
 103 63.8 52.2 78.4



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 9.094 ug/l
 RT: 2.566 min Scan# 397
 Delta R.T. -0.000 min
 Lab File: VU063531.D
 Acq: 17 Jul 2025 18:21

Tgt Ion:101 Resp: 63095
 Ion Ratio Lower Upper
 101 100
 85 47.3 37.8 56.6
 151 72.6 59.2 88.8

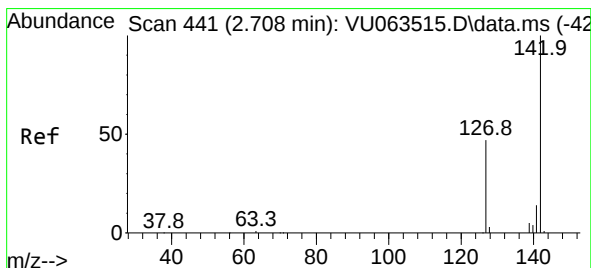
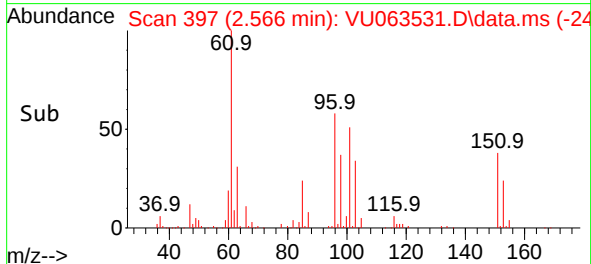
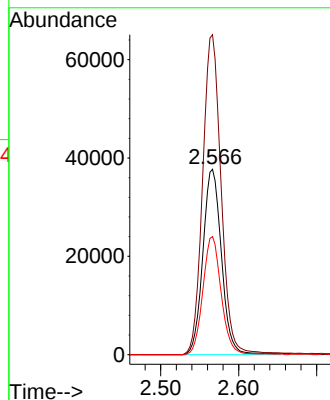
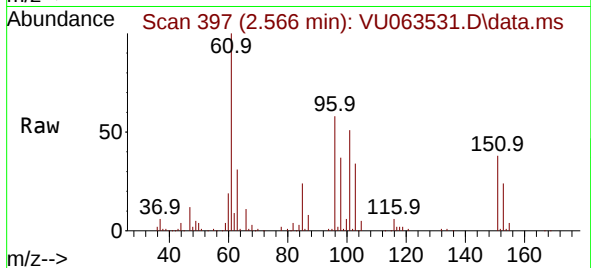




#9
1,1-Dichloroethene
Concen: 9.112 ug/l
RT: 2.566 min Scan# 397
Delta R.T. -0.000 min
Lab File: VU063531.D
Acq: 17 Jul 2025 18:21

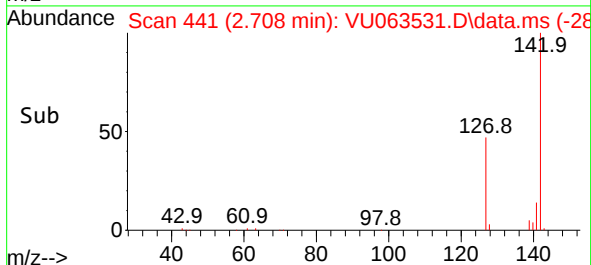
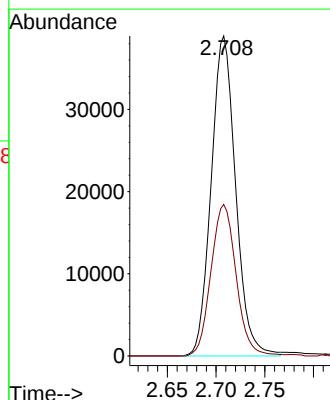
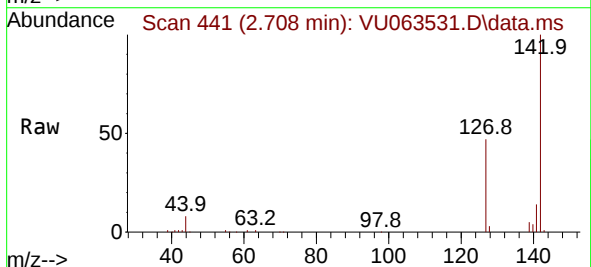
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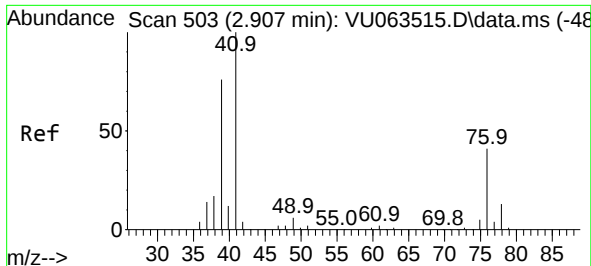
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Ion Ratio Lower Upper
96 100
61 172.5 0.0 504.3
98 63.7 0.0 126.8



#10
Iodomethane
Concen: 6.922 ug/l
RT: 2.708 min Scan# 441
Delta R.T. -0.000 min
Lab File: VU063531.D
Acq: 17 Jul 2025 18:21

Tgt Ion: 142 Resp: 67975
Ion Ratio Lower Upper
142 100
127 48.8 37.9 56.9

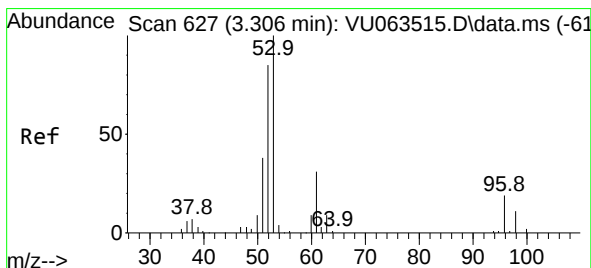
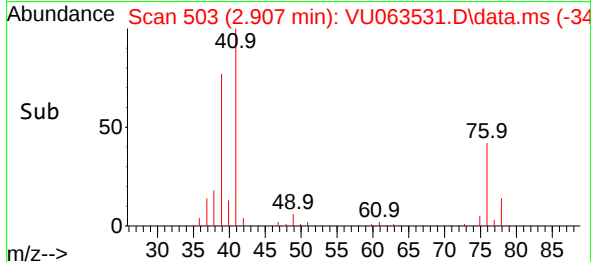
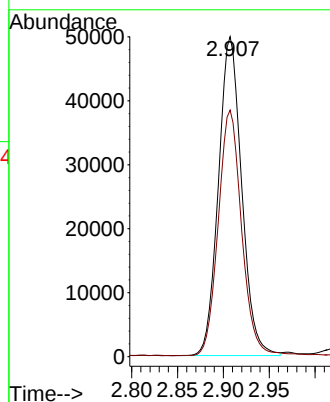
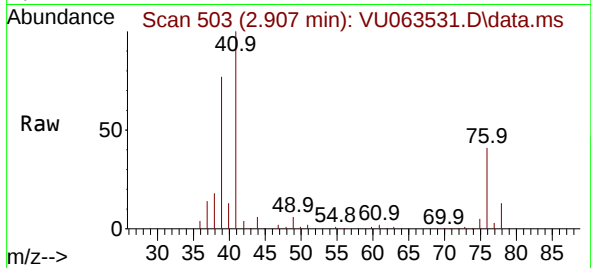




#11
 Allyl Chloride
 Concen: 8.838 ug/l
 RT: 2.907 min Scan# 503
 Delta R.T. -0.000 min
 Lab File: VU063531.D
 Acq: 17 Jul 2025 18:21

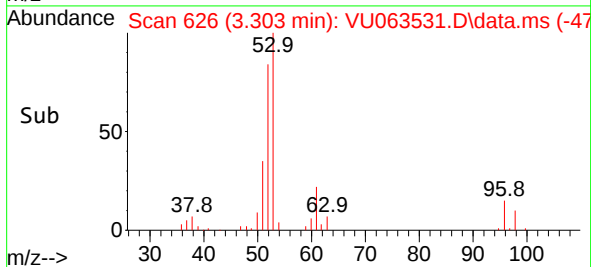
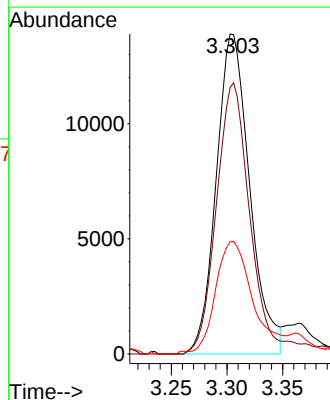
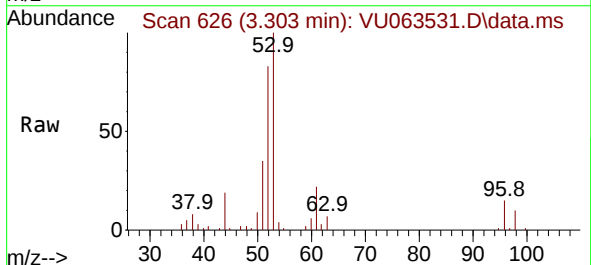
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB

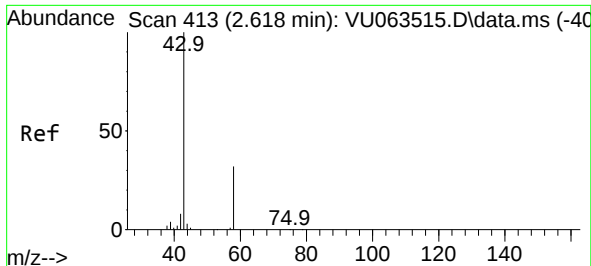
Tgt Ion: 41 Resp: 87801
 Ion Ratio Lower Upper
 41 100
 39 77.4 61.5 92.3



#12
 Acrylonitrile
 Concen: 16.898 ug/l
 RT: 3.303 min Scan# 626
 Delta R.T. -0.003 min
 Lab File: VU063531.D
 Acq: 17 Jul 2025 18:21

Tgt Ion: 53 Resp: 29064
 Ion Ratio Lower Upper
 53 100
 52 85.9 64.3 96.5
 51 39.4 27.8 41.8





#13

Acetone

Concen: 41.278 ug/l

RT: 2.618 min Scan# 413

Delta R.T. -0.000 min

Lab File: VU063531.D

Acq: 17 Jul 2025 18:21

Instrument :

MSVOA_U

ClientSampleId :

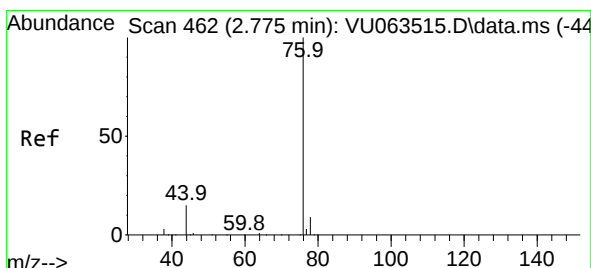
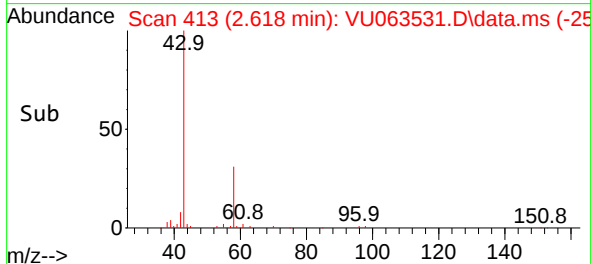
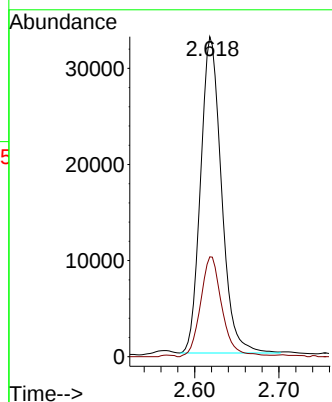
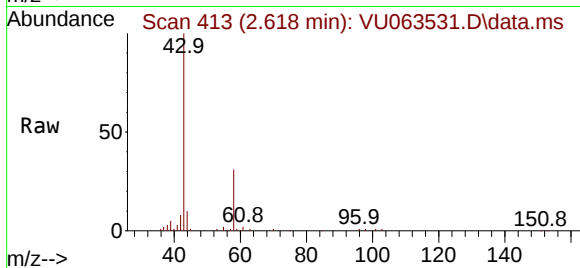
BFB

Tgt Ion: 43 Resp: 56883

Ion Ratio Lower Upper

43 100

58 31.6 25.4 38.0



#14

Carbon Disulfide

Concen: 7.882 ug/l

RT: 2.775 min Scan# 462

Delta R.T. -0.000 min

Lab File: VU063531.D

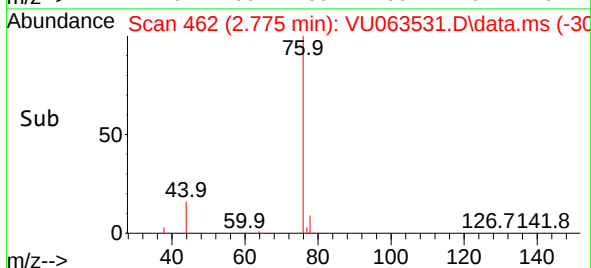
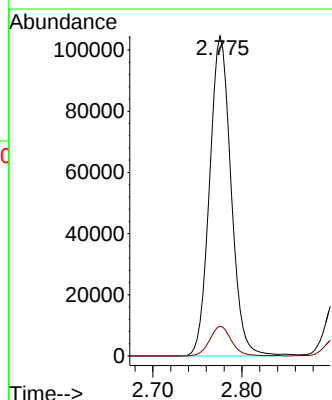
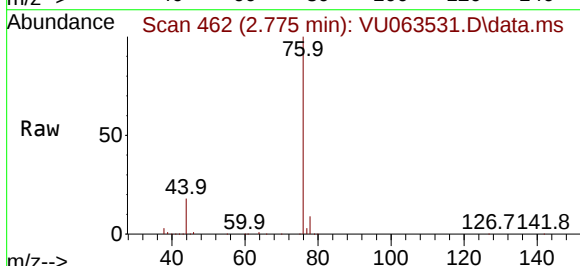
Acq: 17 Jul 2025 18:21

Tgt Ion: 76 Resp: 175070

Ion Ratio Lower Upper

76 100

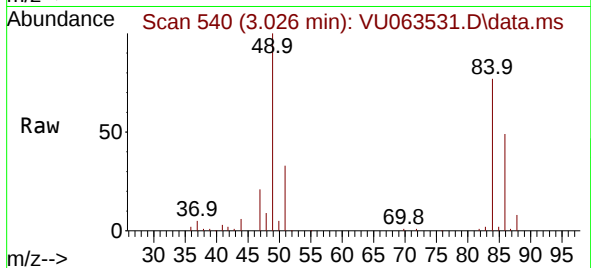
78 9.3 7.0 10.6



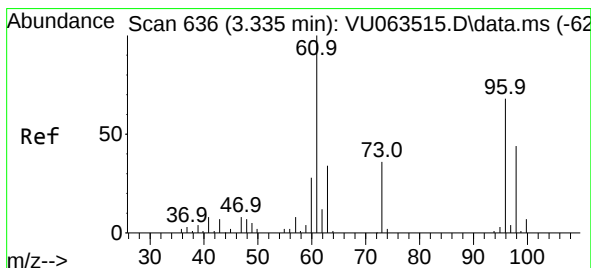
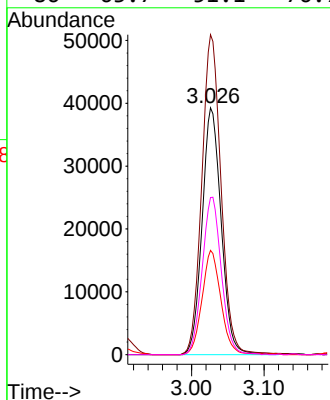
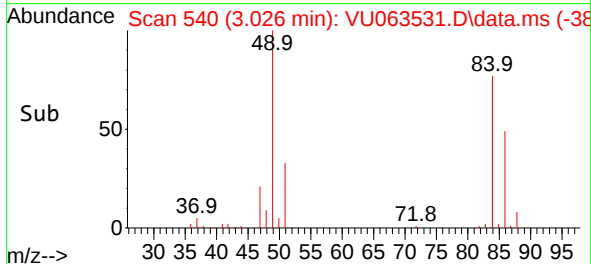


#15
Methylene Chloride
Concen: 8.871 ug/l
RT: 3.026 min Scan# 541
Delta R.T. -0.003 min
Lab File: VU063531.D
Acq: 17 Jul 2025 18:21

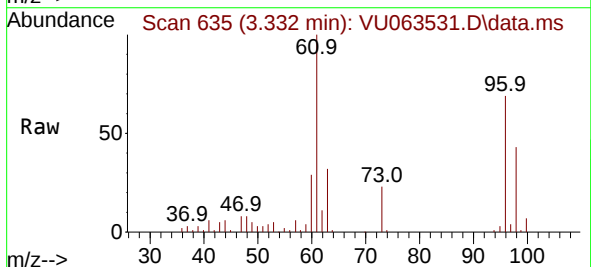
Instrument :
MSVOA_U
ClientSampleId :
BFB



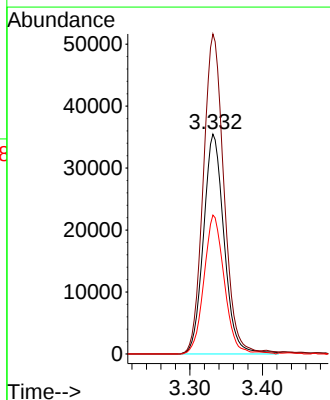
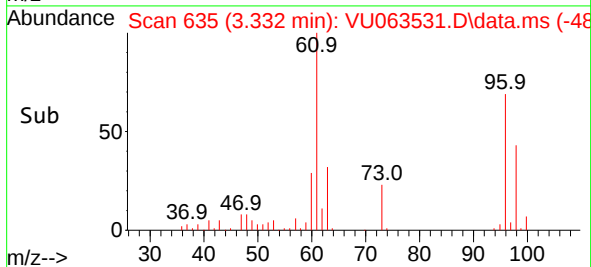
Tgt Ion:	84	Resp:	71827
Ion	Ratio	Lower	Upper
84	100		
49	129.6	103.8	155.8
51	42.3	0.0	80.4
86	63.7	51.1	76.7

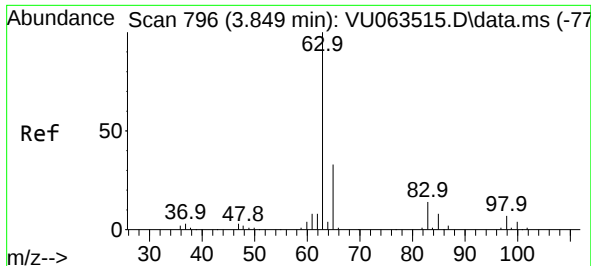


#16
trans-1,2-Dichloroethene
Concen: 8.967 ug/l
RT: 3.332 min Scan# 635
Delta R.T. -0.003 min
Lab File: VU063531.D
Acq: 17 Jul 2025 18:21



Tgt Ion:	96	Resp:	70036
Ion	Ratio	Lower	Upper
96	100		
61	145.5	117.2	175.8
98	63.2	51.4	77.2

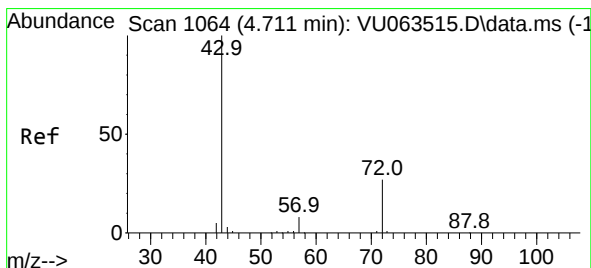
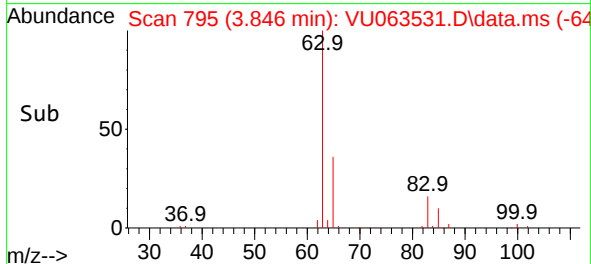
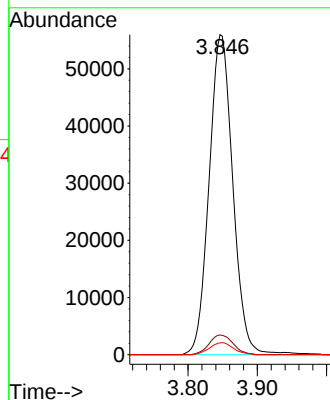
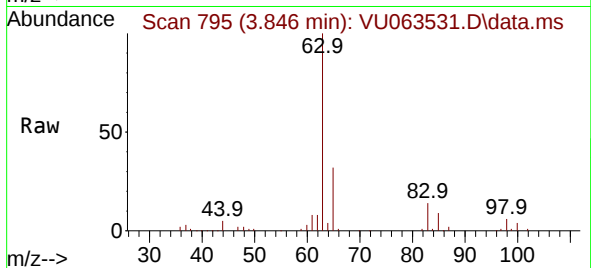




#17
 1,1-Dichloroethane
 Concen: 9.156 ug/l
 RT: 3.846 min Scan# 796
 Delta R.T. -0.003 min
 Lab File: VU063531.D
 Acq: 17 Jul 2025 18:21

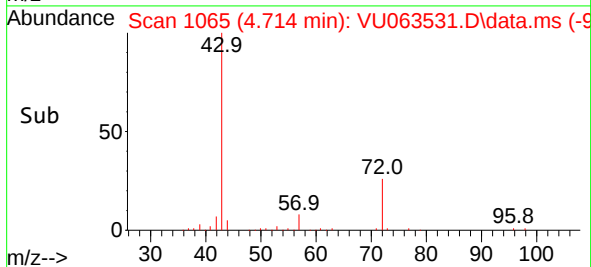
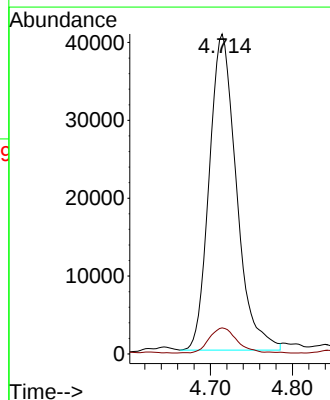
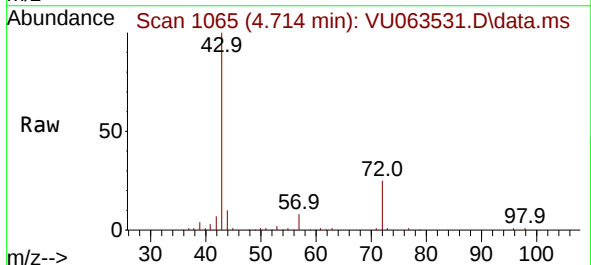
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB

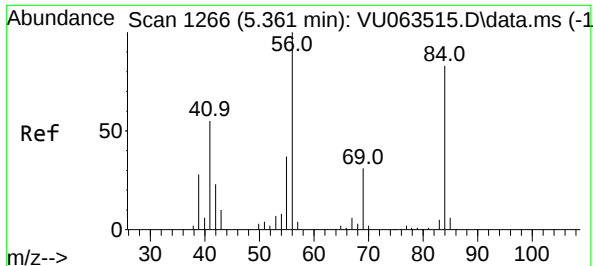
Tgt Ion: 63 Resp: 132544
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.4 10.2
 100 3.7 2.1 6.2



#18
 2-Butanone
 Concen: 43.789 ug/l
 RT: 4.714 min Scan# 1065
 Delta R.T. 0.003 min
 Lab File: VU063531.D
 Acq: 17 Jul 2025 18:21

Tgt Ion: 43 Resp: 93449
 Ion Ratio Lower Upper
 43 100
 57 7.9 0.0 16.4

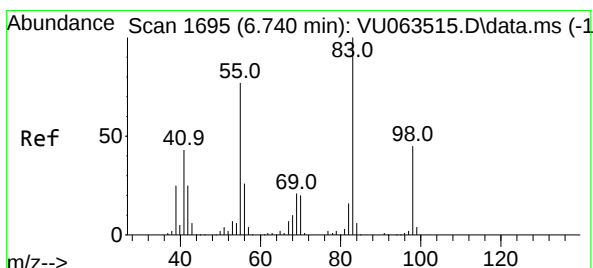
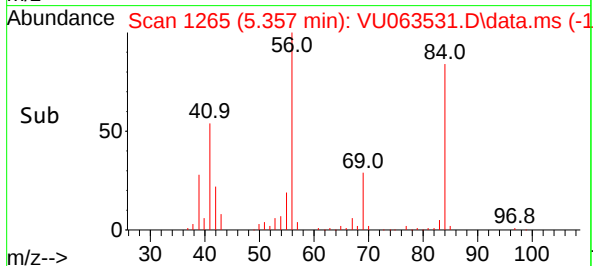
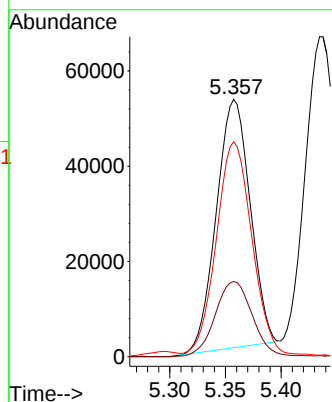
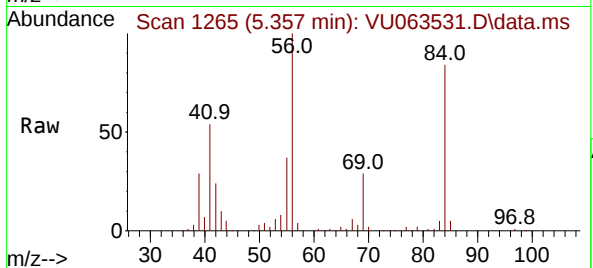




#19
Cyclohexane
Concen: 9.015 ug/l
RT: 5.357 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU063531.D
Acq: 17 Jul 2025 18:21

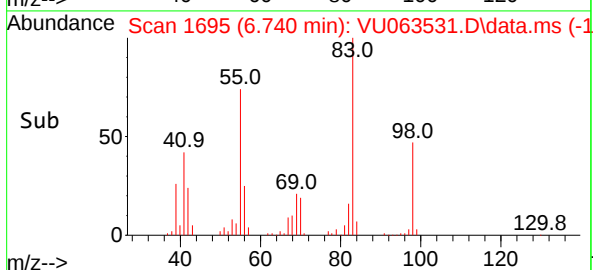
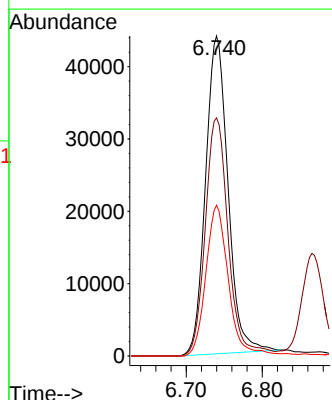
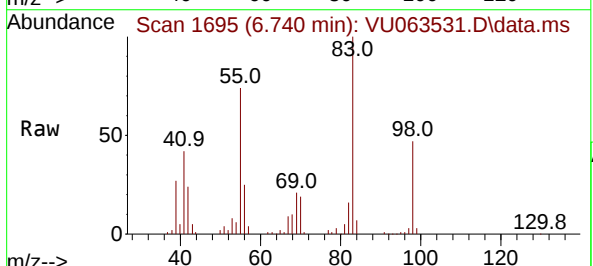
Instrument :
MSVOA_U
ClientSampleId :
BFB

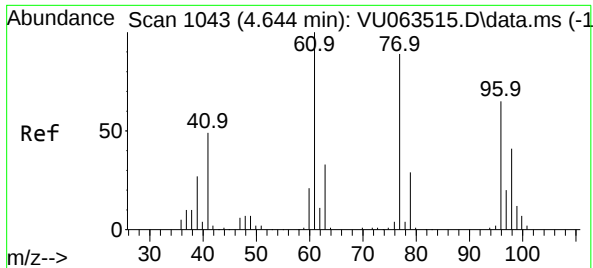
Tgt Ion: 56 Resp: 110490
Ion Ratio Lower Upper
56 100
69 32.7 26.6 39.8
84 88.9 71.0 106.4



#20
Methylcyclohexane
Concen: 7.550 ug/l
RT: 6.740 min Scan# 1695
Delta R.T. -0.000 min
Lab File: VU063531.D
Acq: 17 Jul 2025 18:21

Tgt Ion: 83 Resp: 89946
Ion Ratio Lower Upper
83 100
55 74.4 60.6 90.8
98 46.5 35.8 53.8

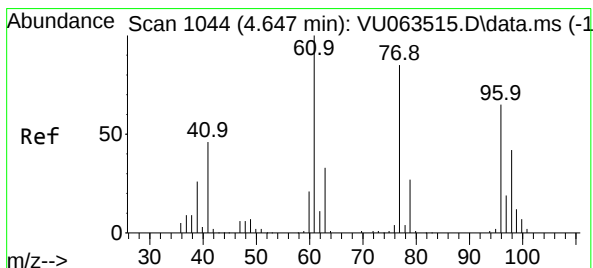
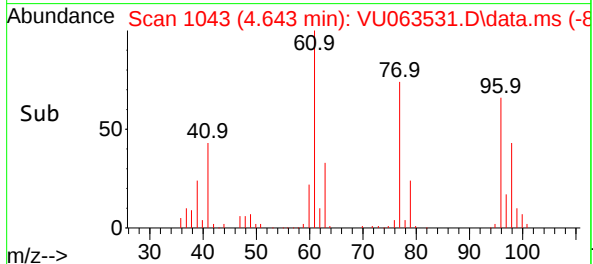
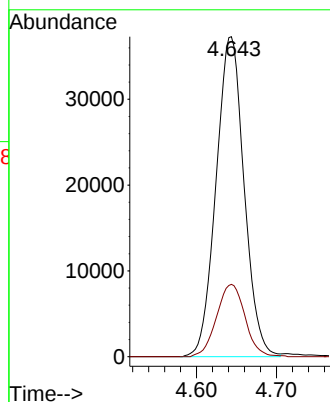
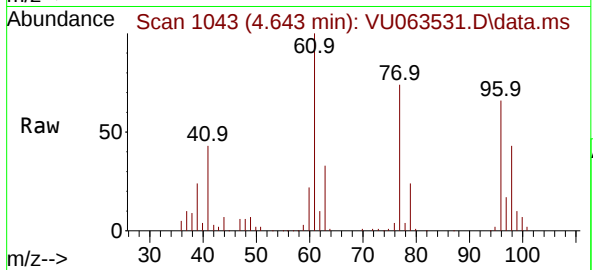




#21
2,2-Dichloropropane
Concen: 7.355 ug/l
RT: 4.643 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VU063531.D
Acq: 17 Jul 2025 18:21

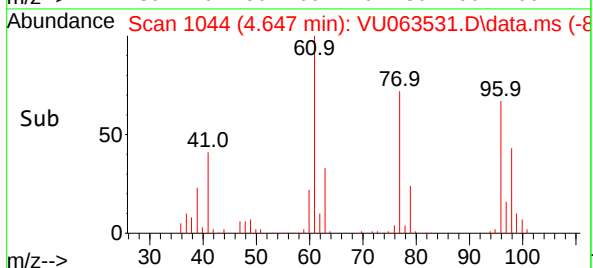
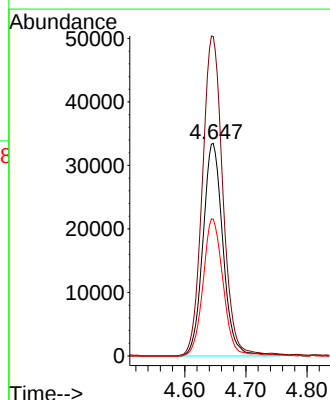
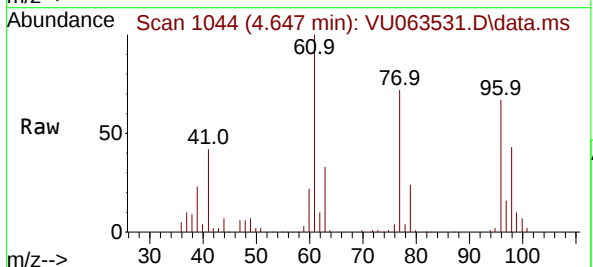
Instrument :
MSVOA_U
ClientSampleId :
BFB

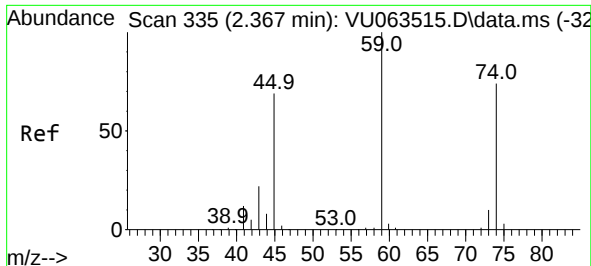
Tgt Ion: 77 Resp: 90657
Ion Ratio Lower Upper
77 100
97 23.0 17.8 26.8



#22
cis-1,2-Dichloroethene
Concen: 8.980 ug/l
RT: 4.647 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VU063531.D
Acq: 17 Jul 2025 18:21

Tgt Ion: 96 Resp: 76107
Ion Ratio Lower Upper
96 100
61 153.4 0.0 384.7
98 63.8 32.1 96.3





#23

Diethyl Ether

Concen: 9.564 ug/l

RT: 2.370 min Scan# 335

Delta R.T. 0.003 min

Lab File: VU063531.D

Acq: 17 Jul 2025 18:21

Instrument :

MSVOA_U

ClientSampleId :

BFB

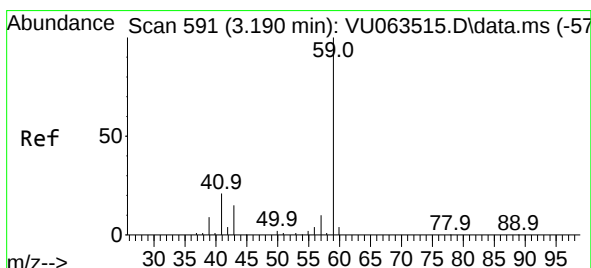
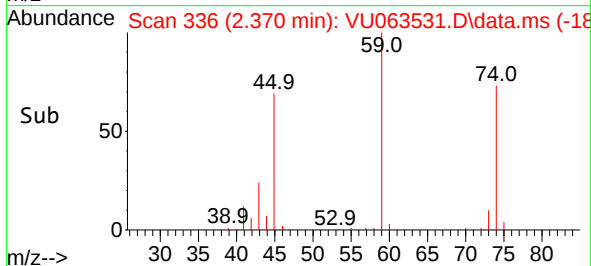
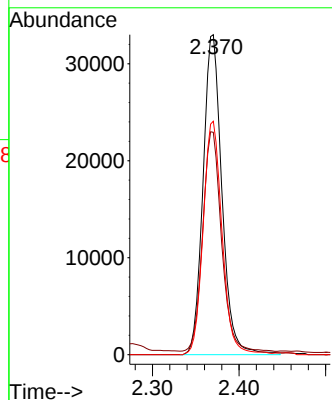
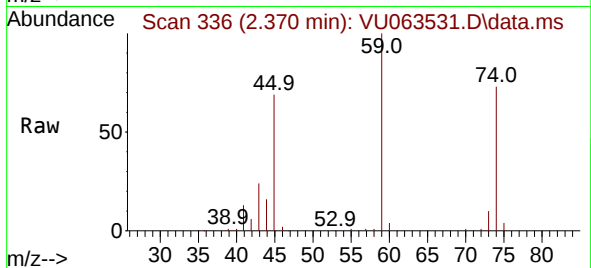
Tgt Ion: 59 Resp: 50115

Ion Ratio Lower Upper

59 100

45 69.4 55.1 82.7

74 73.2 58.2 87.4



#24

tert-Butyl Alcohol

Concen: 95.696 ug/l

RT: 3.193 min Scan# 592

Delta R.T. 0.003 min

Lab File: VU063531.D

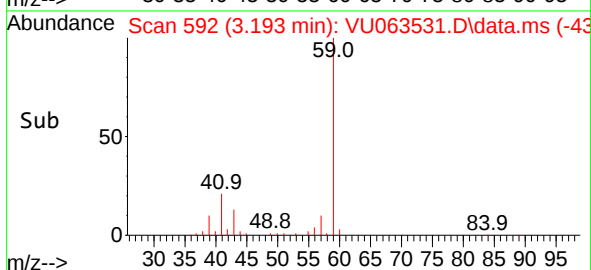
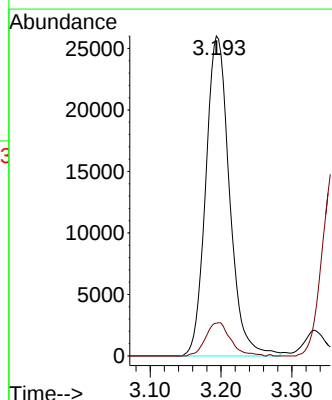
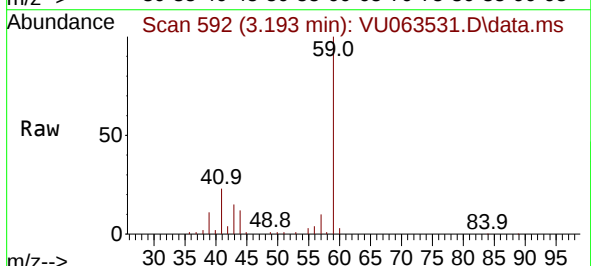
Acq: 17 Jul 2025 18:21

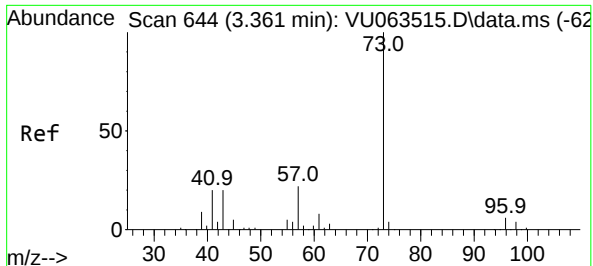
Tgt Ion: 59 Resp: 60534

Ion Ratio Lower Upper

59 100

57 10.9 8.6 12.8

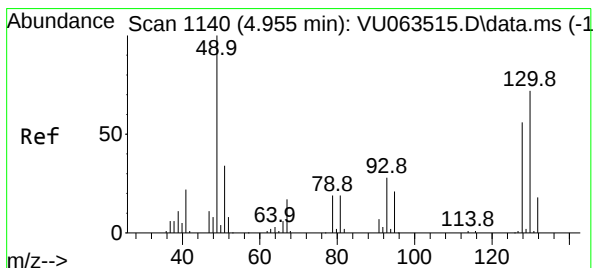
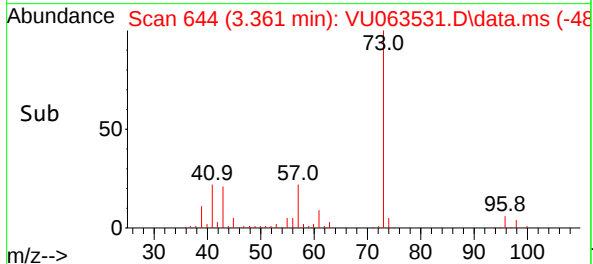
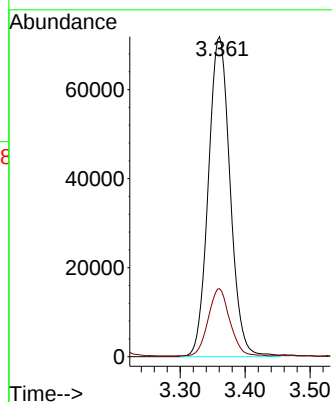
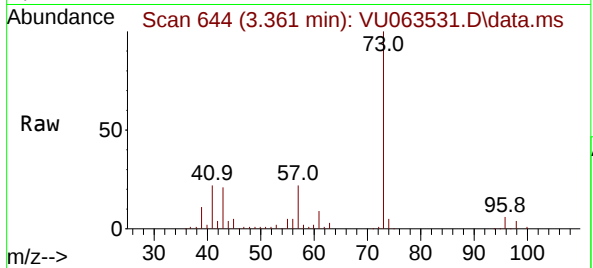




#25
Methyl tert-Butyl Ether
Concen: 9.332 ug/l
RT: 3.361 min Scan# 644
Delta R.T. -0.000 min
Lab File: VU063531.D
Acq: 17 Jul 2025 18:21

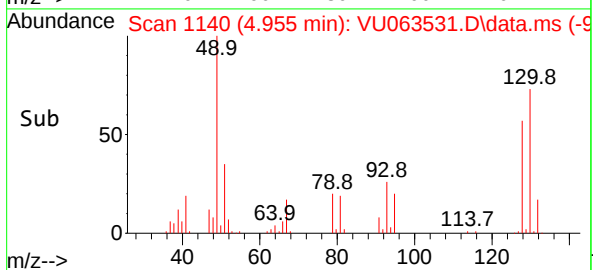
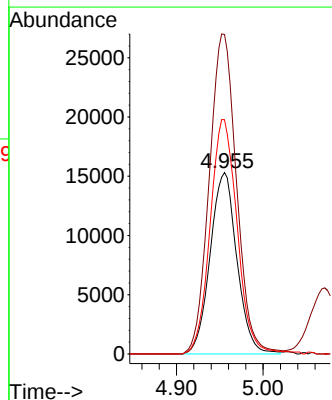
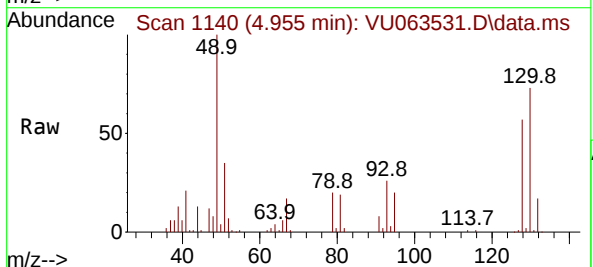
Instrument :
MSVOA_U
ClientSampleId :
BFB

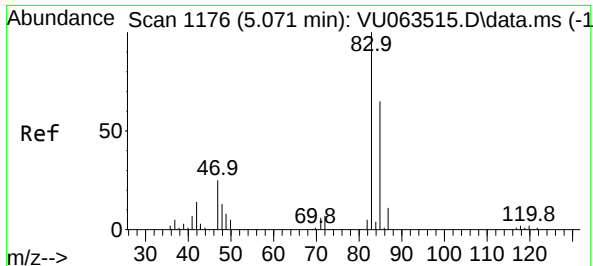
Tgt Ion: 73 Resp: 167530
Ion Ratio Lower Upper
73 100
43 20.8 16.2 24.2



#26
Bromochloromethane
Concen: 9.268 ug/l
RT: 4.955 min Scan# 1140
Delta R.T. -0.000 min
Lab File: VU063531.D
Acq: 17 Jul 2025 18:21

Tgt Ion: 128 Resp: 32797
Ion Ratio Lower Upper
128 100
49 179.8 0.0 340.8
130 131.1 100.5 150.7





#27

Chloroform

Concen: 9.150 ug/l

RT: 5.068 min Scan# 1175

Delta R.T. -0.003 min

Lab File: VU063531.D

Acq: 17 Jul 2025 18:21

Instrument :

MSVOA_U

ClientSampleId :

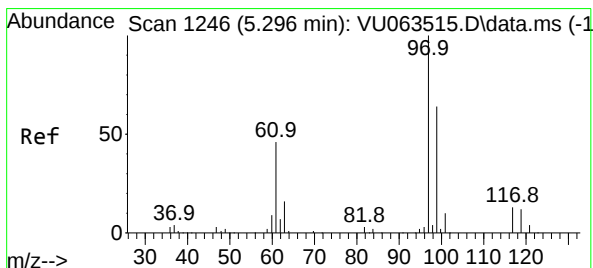
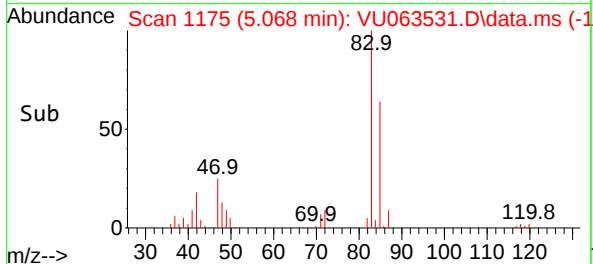
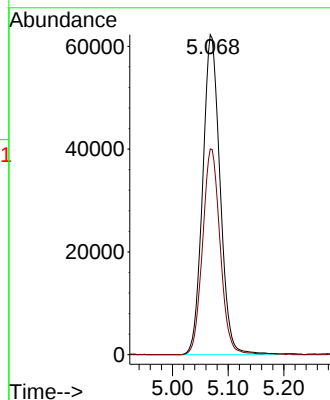
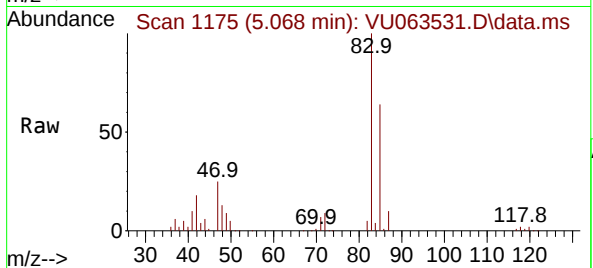
BFB

Tgt Ion: 83 Resp: 135161

Ion Ratio Lower Upper

83 100

85 64.3 0.0 130.0



#28

1,1,1-Trichloroethane

Concen: 9.133 ug/l

RT: 5.293 min Scan# 1245

Delta R.T. -0.003 min

Lab File: VU063531.D

Acq: 17 Jul 2025 18:21

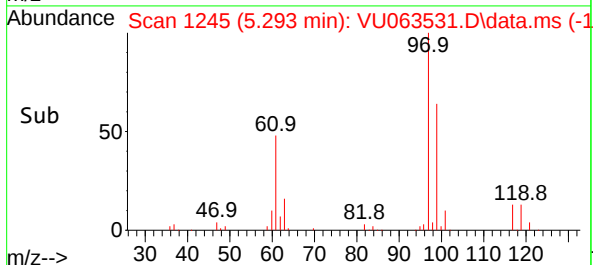
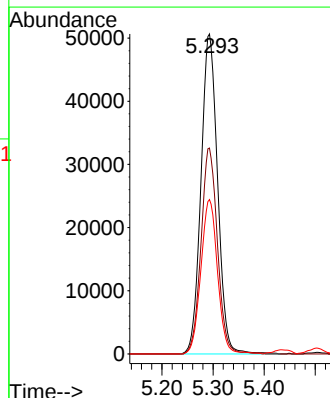
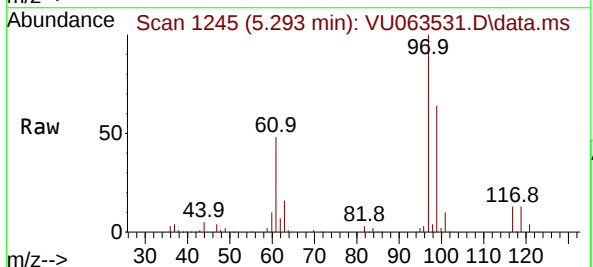
Tgt Ion: 97 Resp: 114495

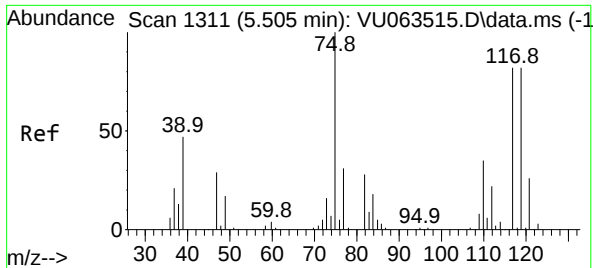
Ion Ratio Lower Upper

97 100

99 63.3 31.8 95.3

61 48.1 23.3 69.9

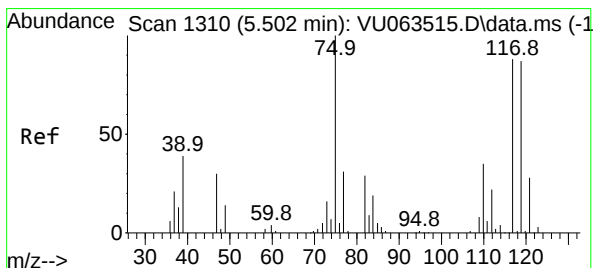
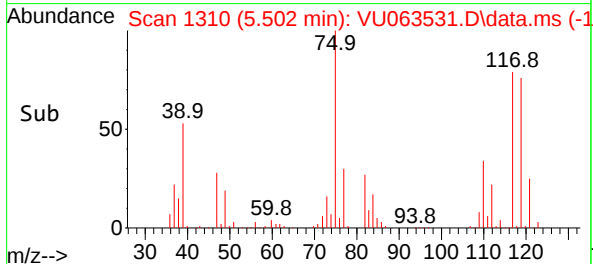
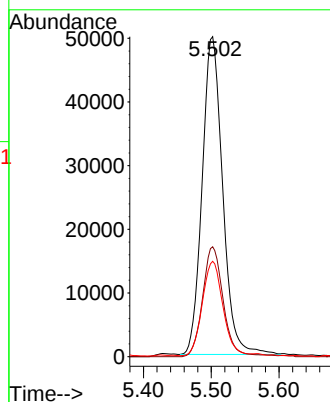
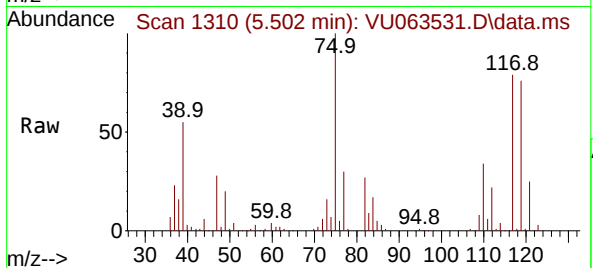




#29
1,1-Dichloropropene
Concen: 9.032 ug/l
RT: 5.502 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU063531.D
Acq: 17 Jul 2025 18:21

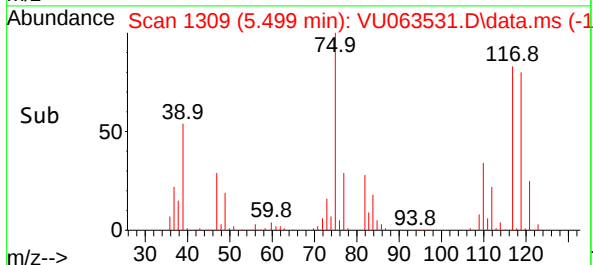
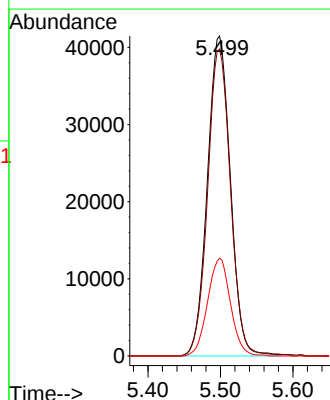
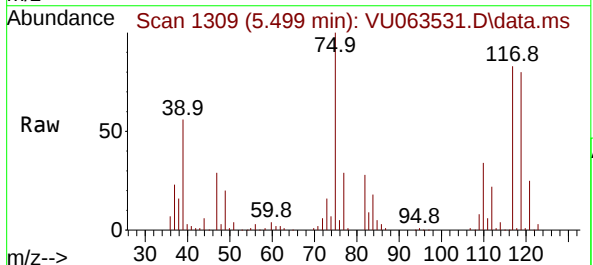
Instrument :
MSVOA_U
ClientSampleId :
BFB

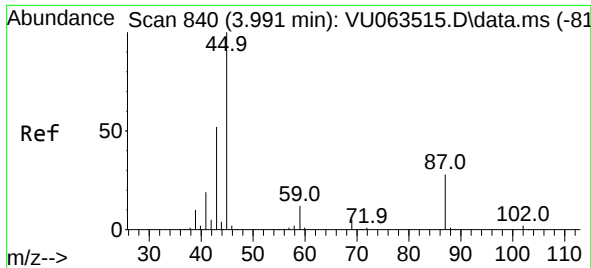
Tgt Ion: 75 Resp: 104893
Ion Ratio Lower Upper
75 100
110 34.8 17.8 53.4
77 29.7 24.6 37.0



#30
Carbon Tetrachloride
Concen: 9.051 ug/l
RT: 5.499 min Scan# 1309
Delta R.T. -0.003 min
Lab File: VU063531.D
Acq: 17 Jul 2025 18:21

Tgt Ion: 117 Resp: 91328
Ion Ratio Lower Upper
117 100
119 95.9 79.2 118.8
121 30.6 25.5 38.3

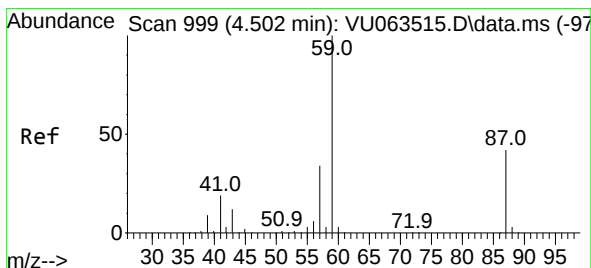
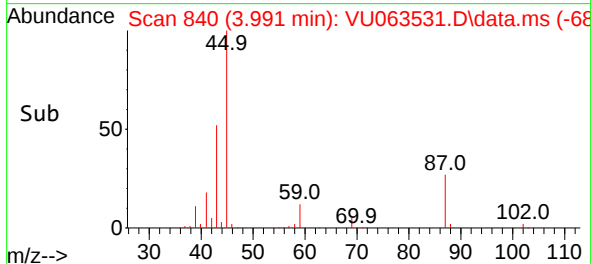
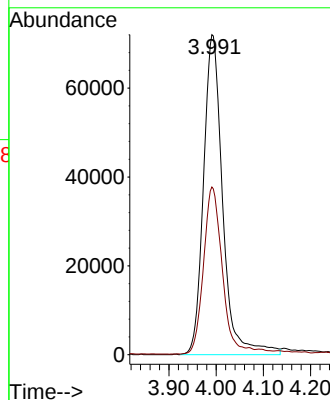
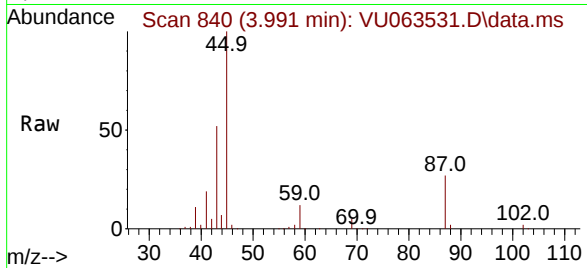




#31
Isopropyl Ether
Concen: 9.301 ug/l
RT: 3.991 min Scan# 840
Delta R.T. -0.000 min
Lab File: VU063531.D
Acq: 17 Jul 2025 18:21

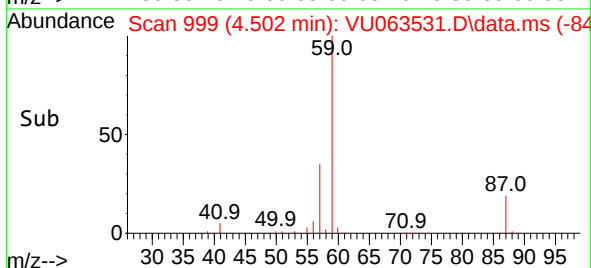
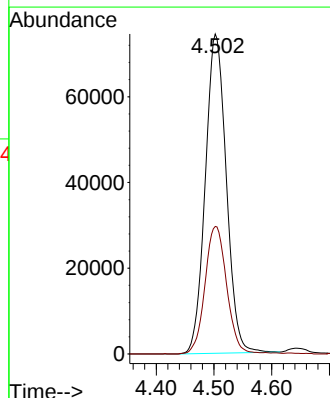
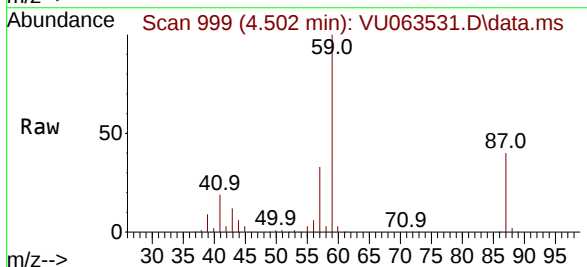
Instrument :
MSVOA_U
ClientSampleId :
BFB

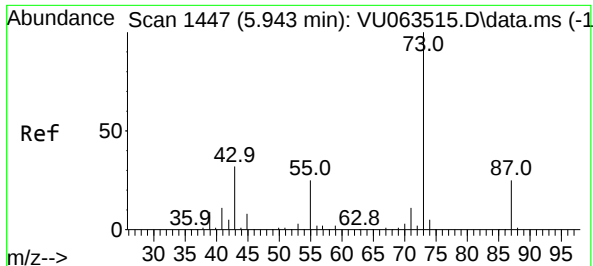
Tgt Ion: 45 Resp: 203231
Ion Ratio Lower Upper
45 100
43 50.2 25.7 77.0



#32
Ethyl-t-butyl ether
Concen: 9.308 ug/l
RT: 4.502 min Scan# 999
Delta R.T. -0.000 min
Lab File: VU063531.D
Acq: 17 Jul 2025 18:21

Tgt Ion: 59 Resp: 188217
Ion Ratio Lower Upper
59 100
87 40.6 32.6 49.0

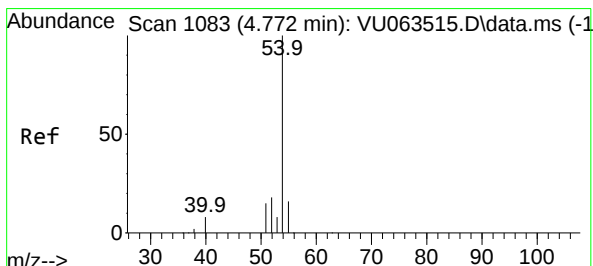
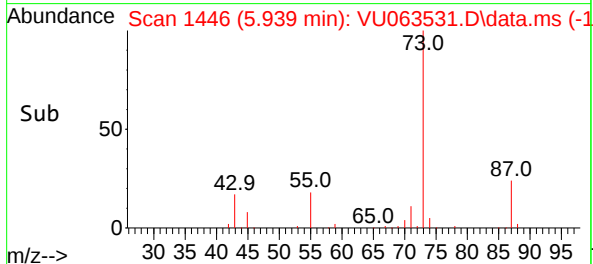
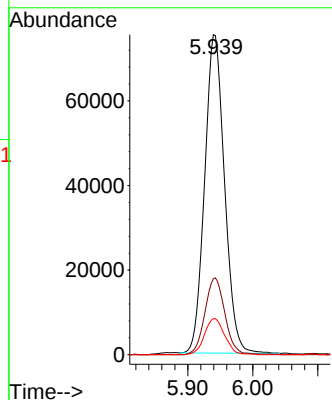
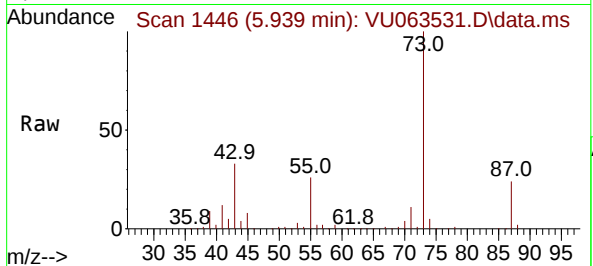




#33
Tert-Amyl methyl ether
Concen: 9.127 ug/l
RT: 5.939 min Scan# 1446
Delta R.T. -0.003 min
Lab File: VU063531.D
Acq: 17 Jul 2025 18:21

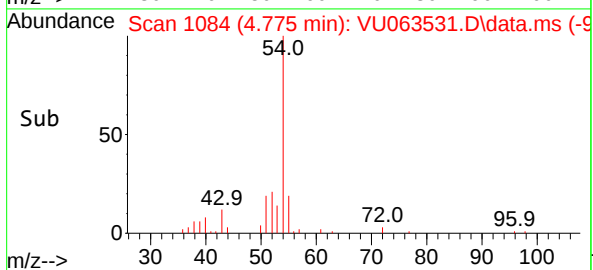
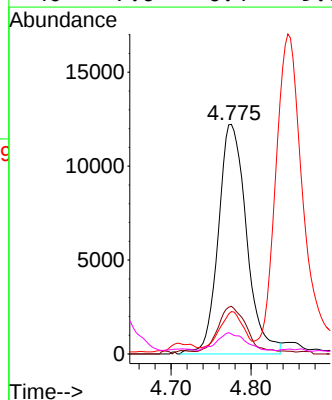
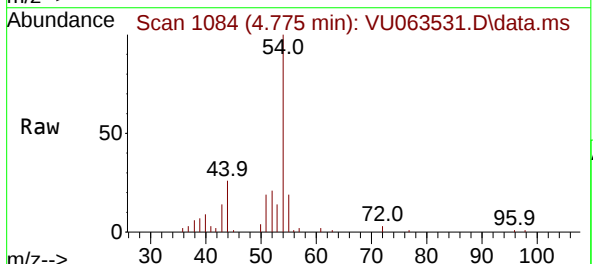
Instrument :
MSVOA_U
ClientSampleId :
BFB

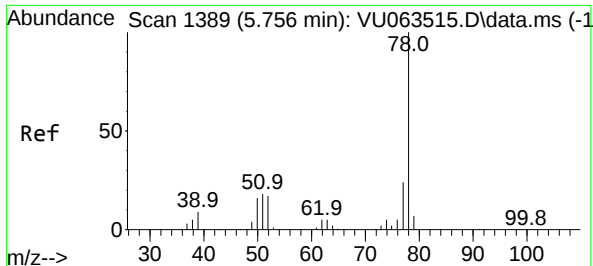
Tgt Ion: 73 Resp: 160180
Ion Ratio Lower Upper
73 100
87 24.0 19.4 29.2
71 11.5 8.9 13.3



#34
Propionitrile
Concen: 46.039 ug/l
RT: 4.775 min Scan# 1084
Delta R.T. 0.003 min
Lab File: VU063531.D
Acq: 17 Jul 2025 18:21

Tgt Ion: 54 Resp: 29935
Ion Ratio Lower Upper
54 100
52 19.8 17.0 25.4
55 14.1 13.6 20.4
40 7.6 6.4 9.6

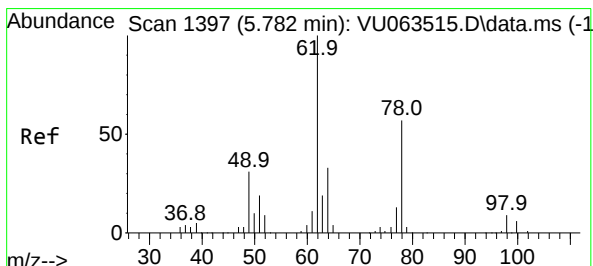
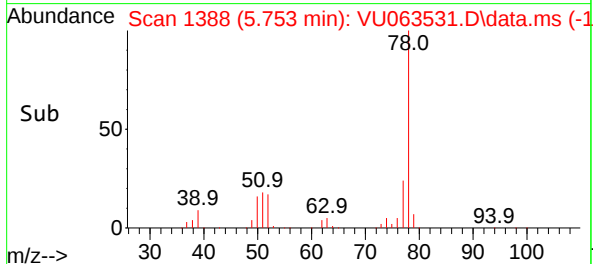
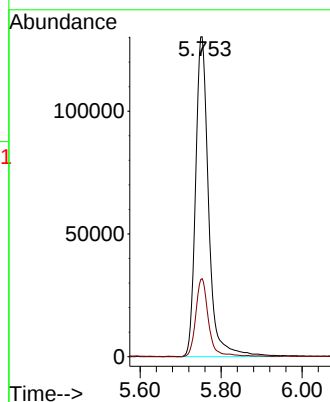
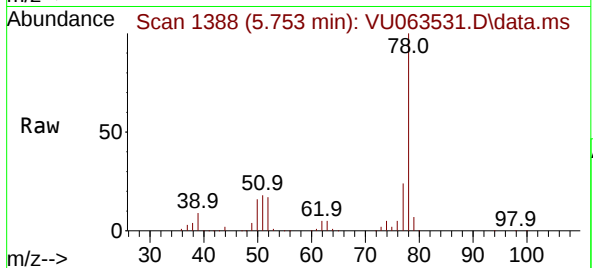




#35
Benzene
Concen: 9.367 ug/l
RT: 5.753 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU063531.D
Acq: 17 Jul 2025 18:21

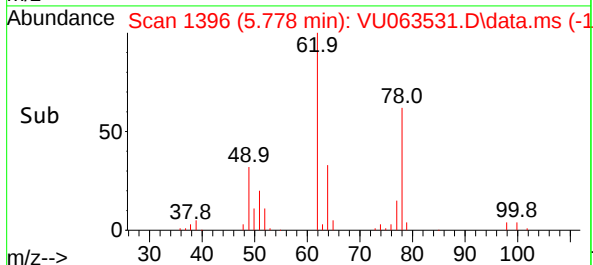
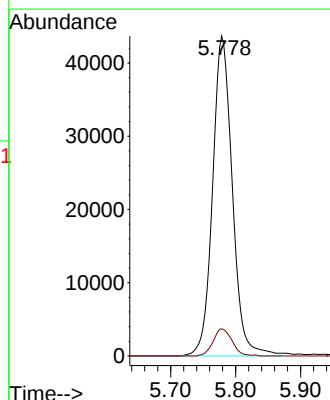
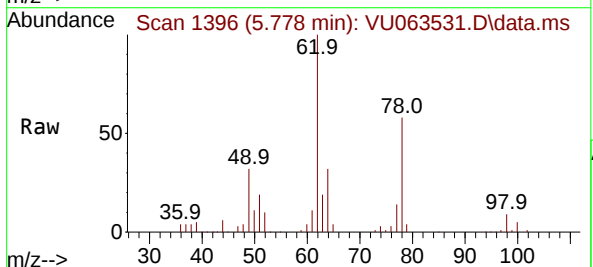
Instrument :
MSVOA_U
ClientSampleId :
BFB

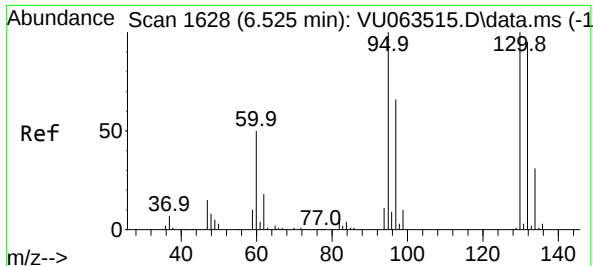
Tgt Ion: 78 Resp: 292284
Ion Ratio Lower Upper
78 100
77 24.4 19.4 29.2



#36
1,2-Dichloroethane
Concen: 9.507 ug/l
RT: 5.778 min Scan# 1396
Delta R.T. -0.003 min
Lab File: VU063531.D
Acq: 17 Jul 2025 18:21

Tgt Ion: 62 Resp: 92180
Ion Ratio Lower Upper
62 100
98 8.2 6.4 9.6





#37

Trichloroethene

Concen: 7.946 ug/l

RT: 6.524 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063531.D

Acq: 17 Jul 2025 18:21

Instrument :

MSVOA_U

ClientSampleId :

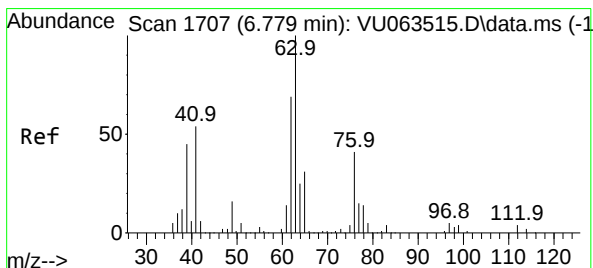
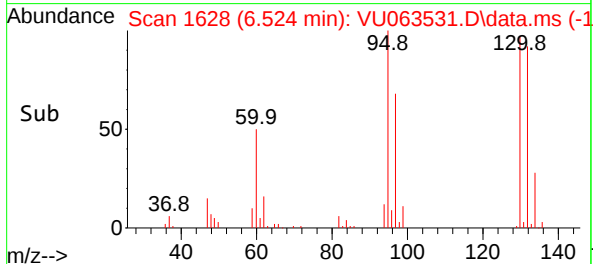
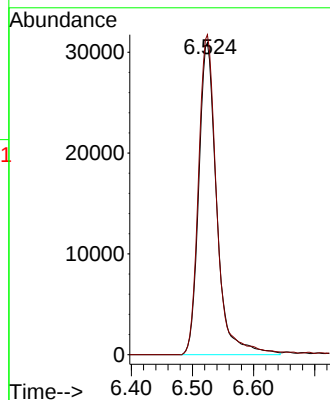
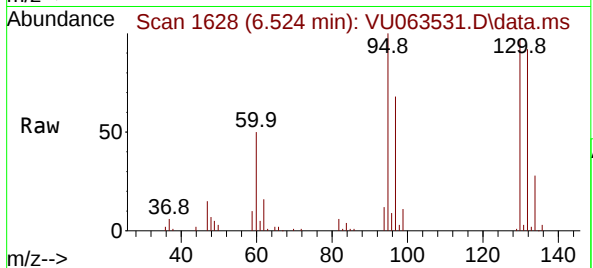
BFB

Tgt Ion:130 Resp: 63260

Ion Ratio Lower Upper

130 100

95 102.6 80.3 120.5



#38

1,2-Dichloropropane

Concen: 8.415 ug/l

RT: 6.778 min Scan# 1707

Delta R.T. -0.000 min

Lab File: VU063531.D

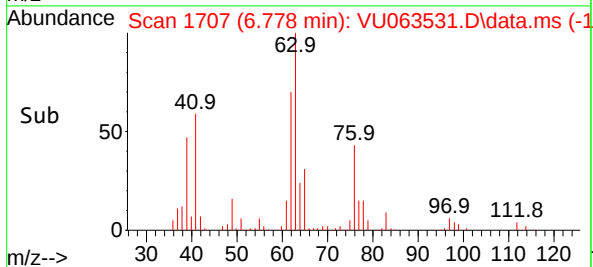
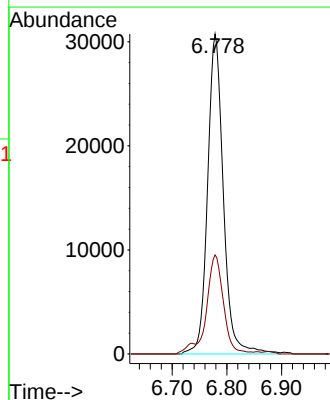
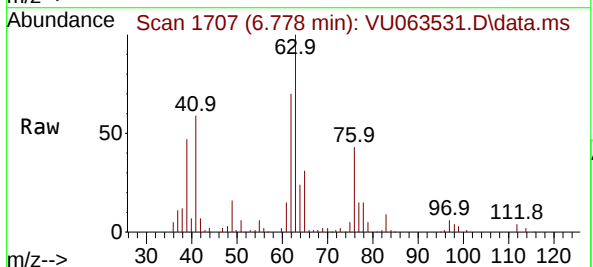
Acq: 17 Jul 2025 18:21

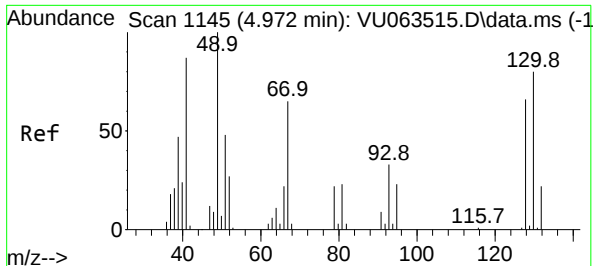
Tgt Ion: 63 Resp: 61458

Ion Ratio Lower Upper

63 100

65 31.0 24.6 36.8





#39

Methacrylonitrile

Concen: 8.530 ug/l

RT: 4.971 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VU063531.D

Acq: 17 Jul 2025 18:21

Instrument :

MSVOA_U

ClientSampleId :

BFB

Tgt Ion: 41 Resp: 24655

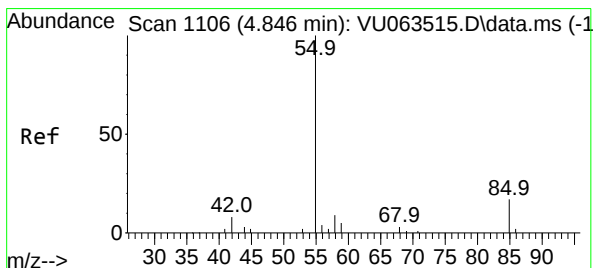
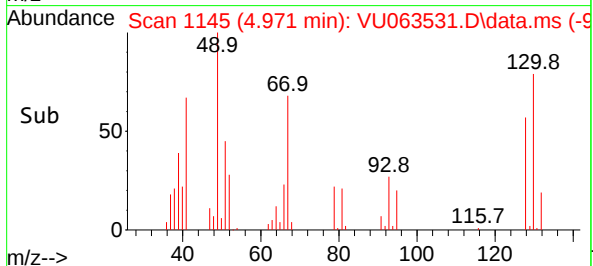
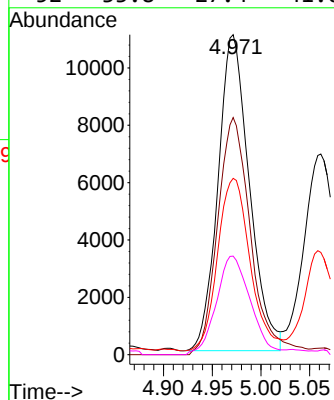
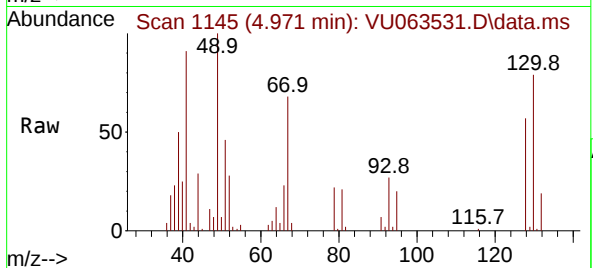
Ion Ratio Lower Upper

41 100

67 79.4 62.7 94.1

39 56.7 43.1 64.7

52 33.8 27.4 41.0



#40

Methyl acrylate

Concen: 9.443 ug/l

RT: 4.846 min Scan# 1106

Delta R.T. -0.000 min

Lab File: VU063531.D

Acq: 17 Jul 2025 18:21

Tgt Ion: 55 Resp: 39897

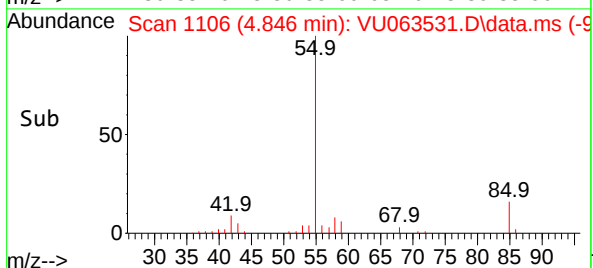
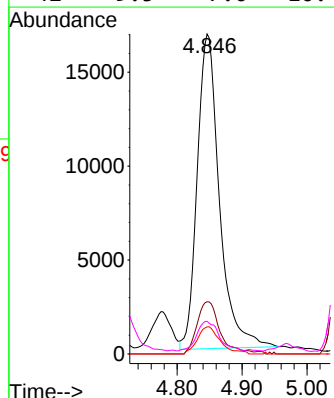
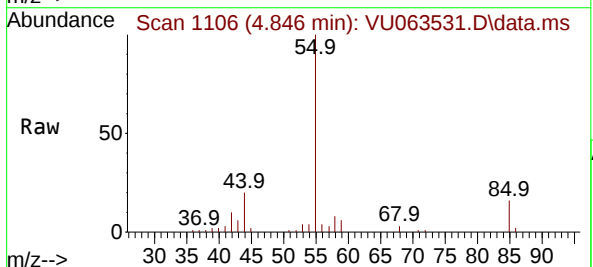
Ion Ratio Lower Upper

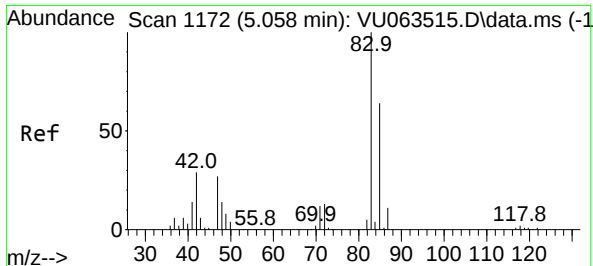
55 100

85 17.0 12.8 19.2

58 8.9 7.0 10.4

42 9.5 7.0 10.4





#41

Tetrahydrofuran

Concen: 17.630 ug/l

RT: 5.061 min Scan# 1172

Delta R.T. 0.003 min

Lab File: VU063531.D

Acq: 17 Jul 2025 18:21

Instrument :

MSVOA_U

ClientSampleId :

BFB

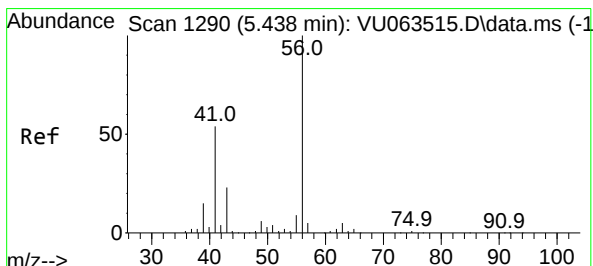
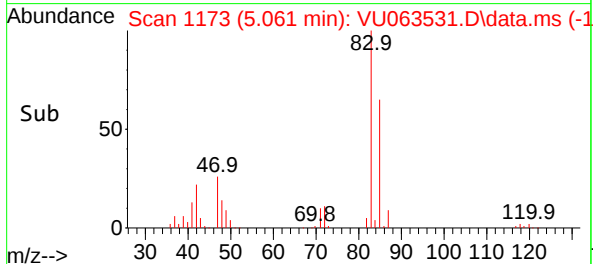
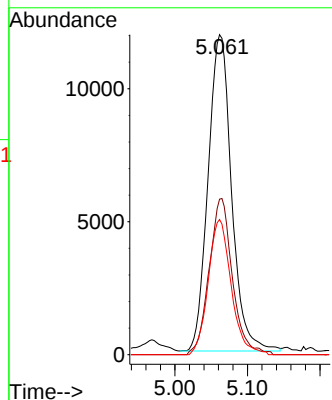
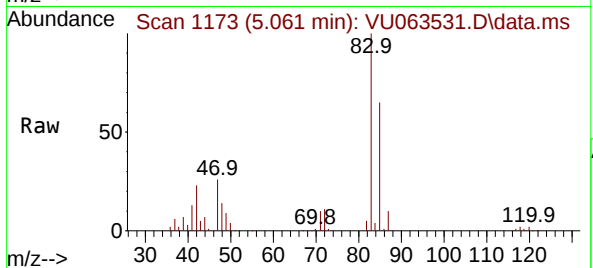
Tgt Ion: 42 Resp: 26805

Ion Ratio Lower Upper

42 100

72 48.9 39.2 58.8

71 41.7 34.8 52.2



#42

1-Chlorobutane

Concen: 9.202 ug/l

RT: 5.434 min Scan# 1289

Delta R.T. -0.003 min

Lab File: VU063531.D

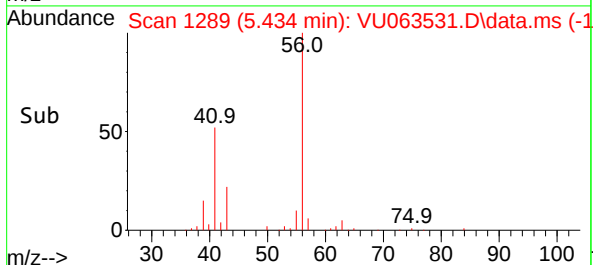
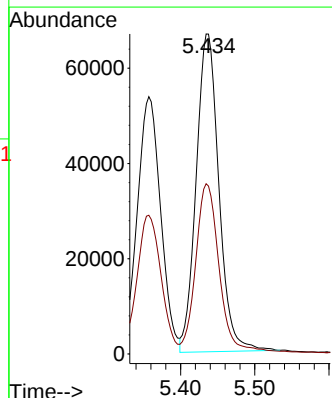
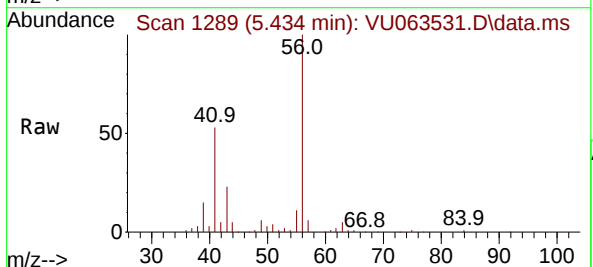
Acq: 17 Jul 2025 18:21

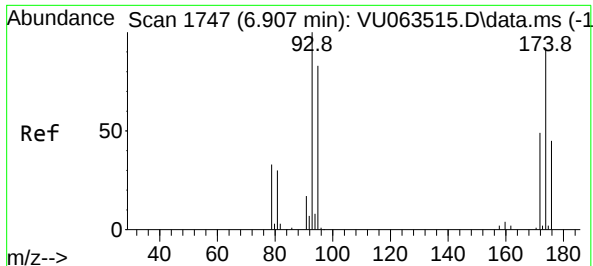
Tgt Ion: 56 Resp: 142081

Ion Ratio Lower Upper

56 100

41 54.6 26.7 80.0

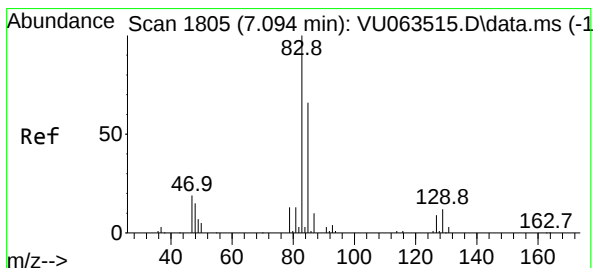
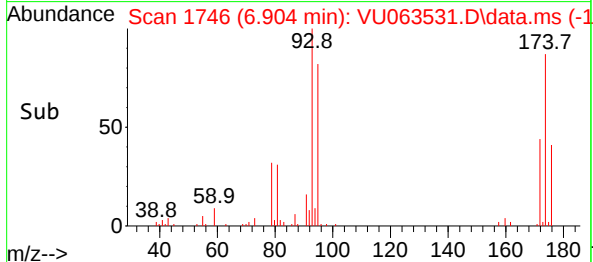
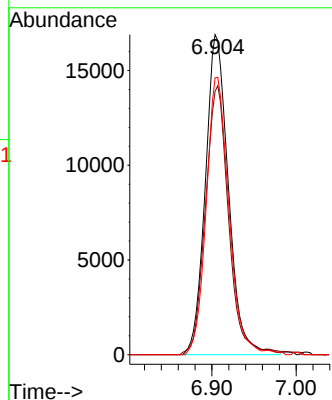
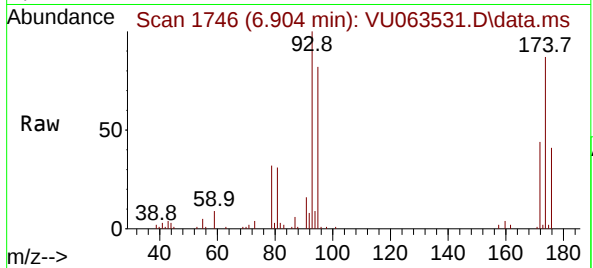




#43
Dibromomethane
Concen: 8.509 ug/l
RT: 6.904 min Scan# 1746
Delta R.T. -0.003 min
Lab File: VU063531.D
Acq: 17 Jul 2025 18:21

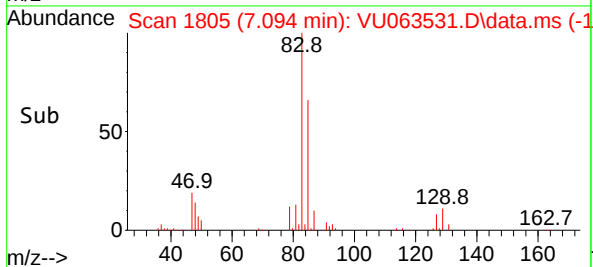
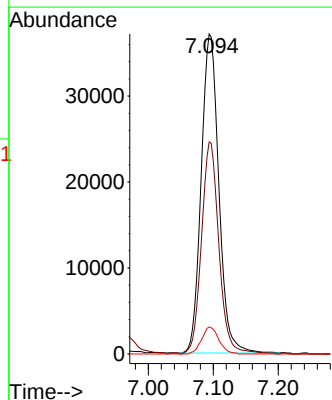
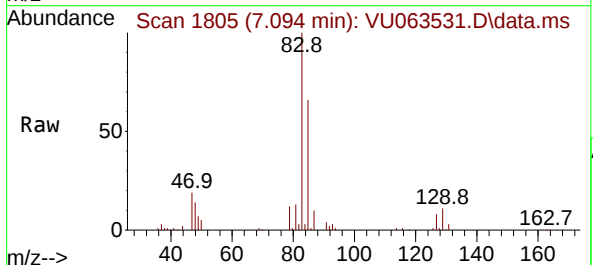
Instrument :
MSVOA_U
ClientSampleId :
BFB

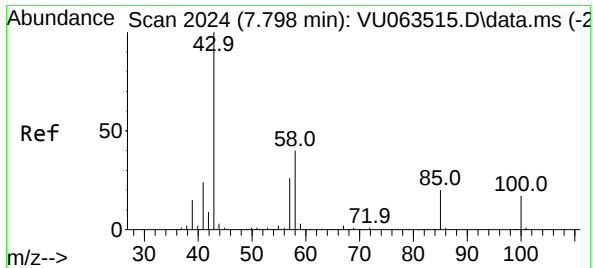
Tgt Ion: 93 Resp: 32191
Ion Ratio Lower Upper
93 100
95 83.4 67.9 101.9
174 85.0 74.6 111.8



#44
Bromodichloromethane
Concen: 8.226 ug/l
RT: 7.094 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VU063531.D
Acq: 17 Jul 2025 18:21

Tgt Ion: 83 Resp: 70182
Ion Ratio Lower Upper
83 100
85 66.5 52.7 79.1
127 9.2 8.1 12.1





#45

4-Methyl-2-Pentanone

Concen: 45.620 ug/l

RT: 7.798 min Scan# 2024

Delta R.T. -0.000 min

Lab File: VU063531.D

Acq: 17 Jul 2025 18:21

Instrument :

MSVOA_U

ClientSampleId :

BFB

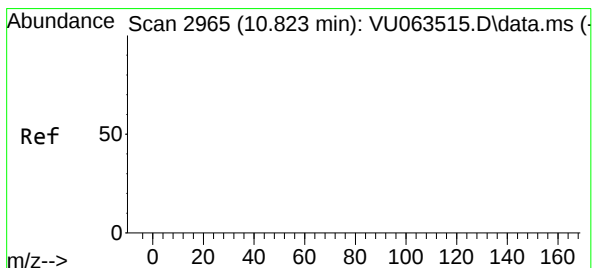
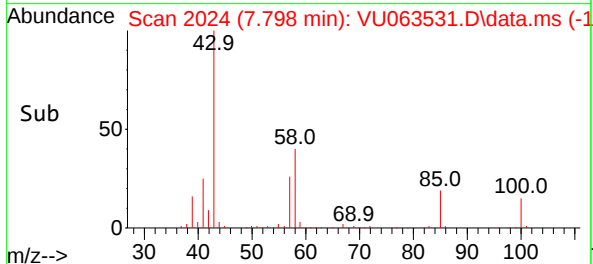
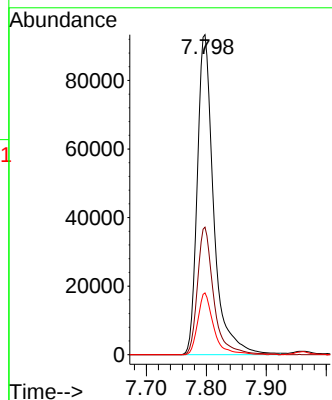
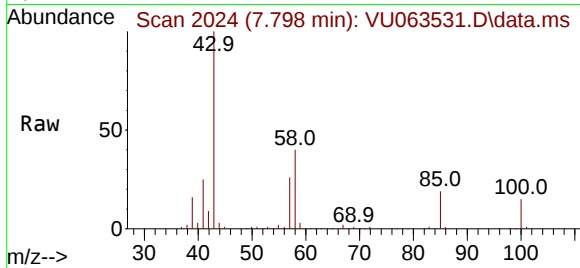
Tgt Ion: 43 Resp: 177882

Ion Ratio Lower Upper

43 100

58 39.5 20.0 60.0

85 18.6 15.4 23.0



#46

t-1,4-Dichloro-2-butene

Concen: 39.035 ug/l

RT: 10.817 min Scan# 2963

Delta R.T. -0.007 min

Lab File: VU063531.D

Acq: 17 Jul 2025 18:21

Tgt Ion: 75 Resp: 57136

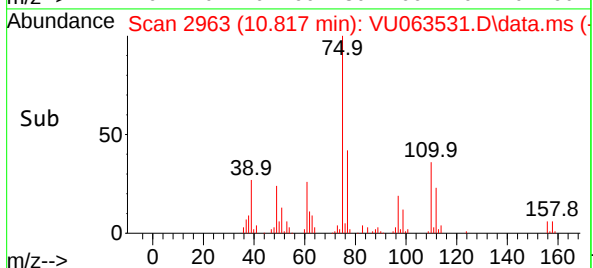
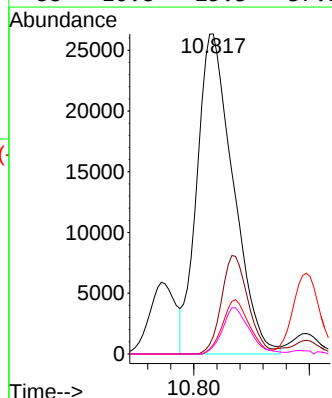
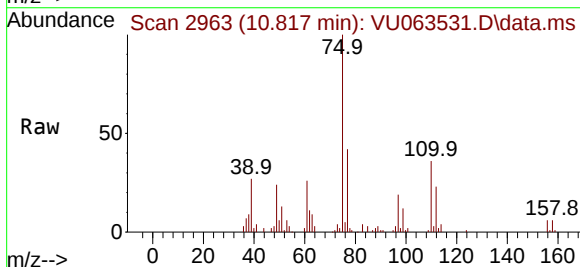
Ion Ratio Lower Upper

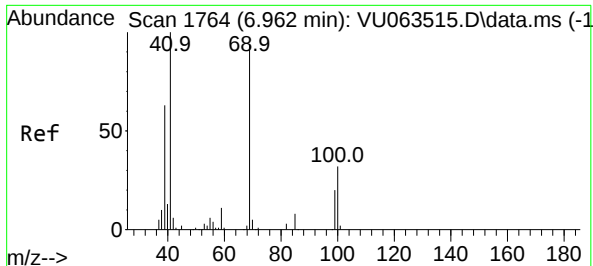
75 100

53 22.9 48.4 72.6#

89 12.6 30.6 45.8#

88 10.8 25.3 37.9#





#47

Methyl methacrylate

Concen: 17.463 ug/l

RT: 6.965 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063531.D

Acq: 17 Jul 2025 18:21

Instrument :

MSVOA_U

ClientSampleId :

BFB

Tgt Ion: 69 Resp: 55488

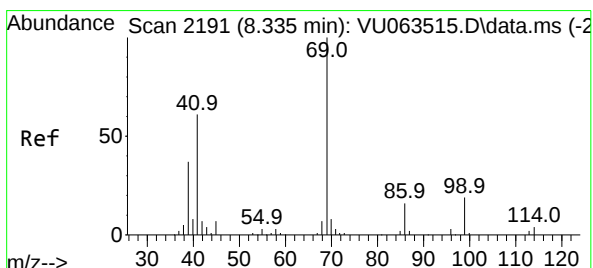
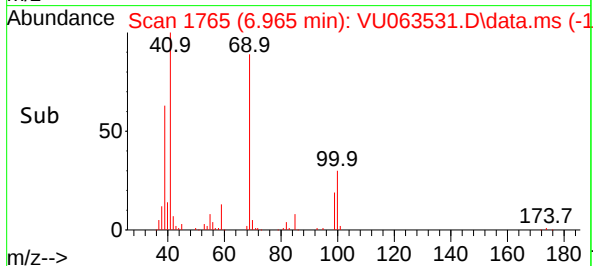
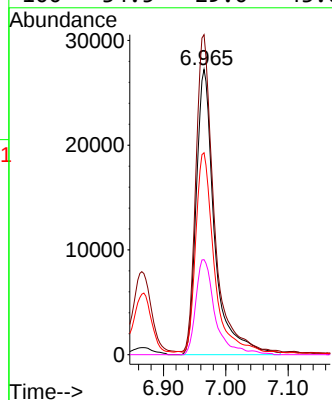
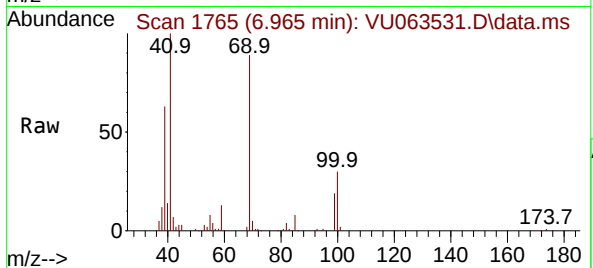
Ion Ratio Lower Upper

69 100

41 110.9 0.0 224.0

39 70.0 55.3 82.9

100 34.5 29.0 43.6



#48

Ethyl methacrylate

Concen: 9.171 ug/l

RT: 8.331 min Scan# 2190

Delta R.T. -0.003 min

Lab File: VU063531.D

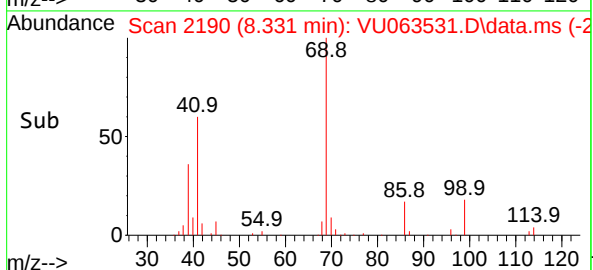
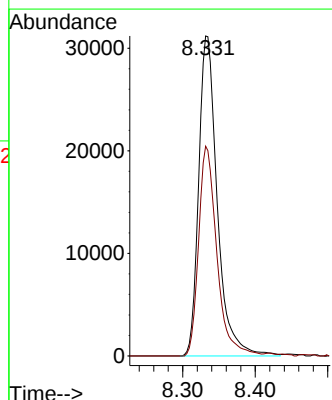
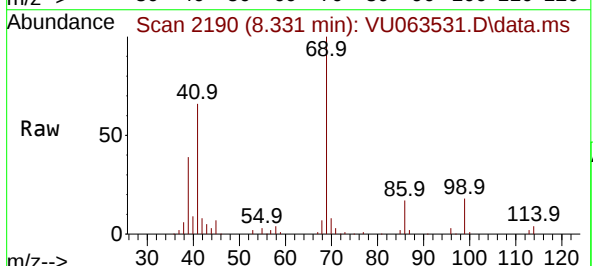
Acq: 17 Jul 2025 18:21

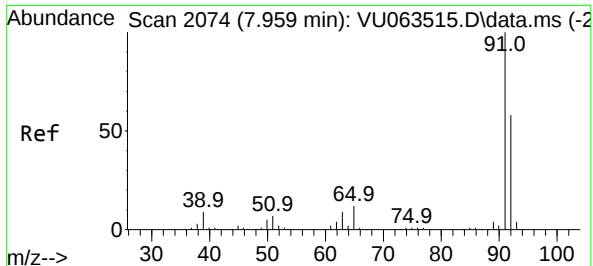
Tgt Ion: 69 Resp: 55612

Ion Ratio Lower Upper

69 100

41 64.2 30.8 92.4





#49

Toluene

Concen: 8.861 ug/l

RT: 7.958 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VU063531.D

Acq: 17 Jul 2025 18:21

Instrument :

MSVOA_U

ClientSampleId :

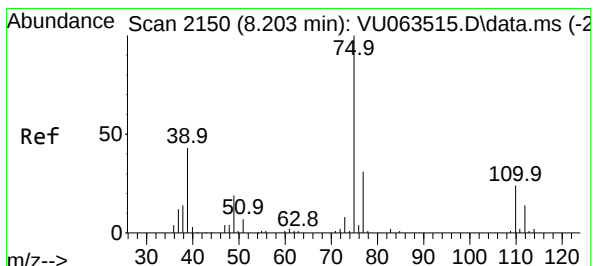
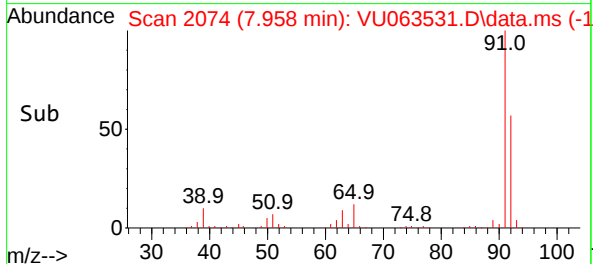
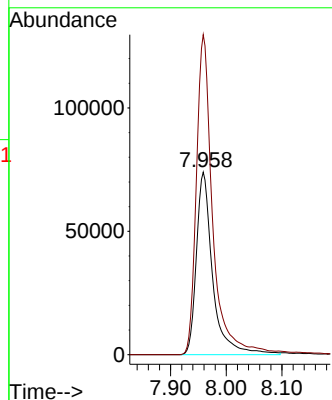
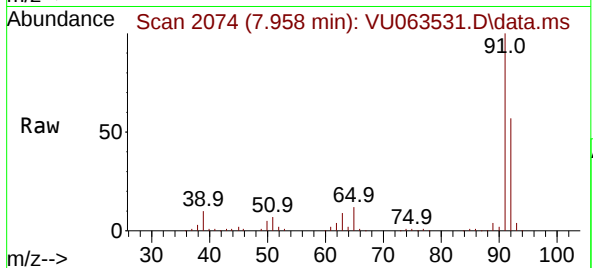
BFB

Tgt Ion: 92 Resp: 150970

Ion Ratio Lower Upper

92 100

91 175.9 140.4 210.6



#50

t-1,3-Dichloropropene

Concen: 8.665 ug/l

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU063531.D

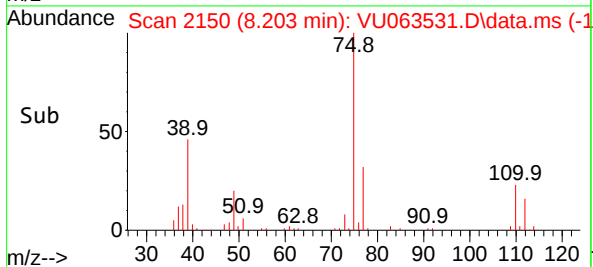
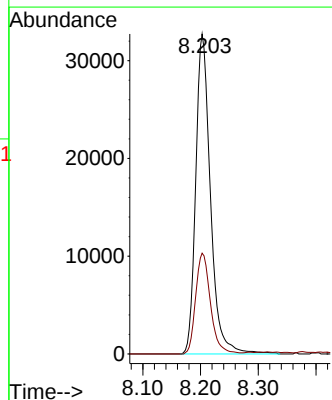
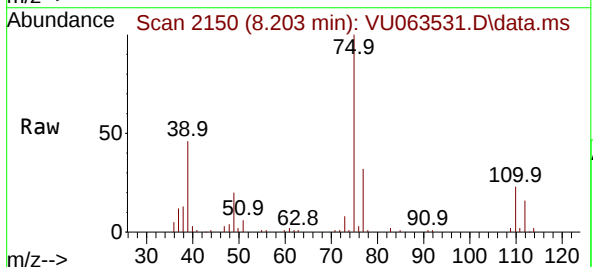
Acq: 17 Jul 2025 18:21

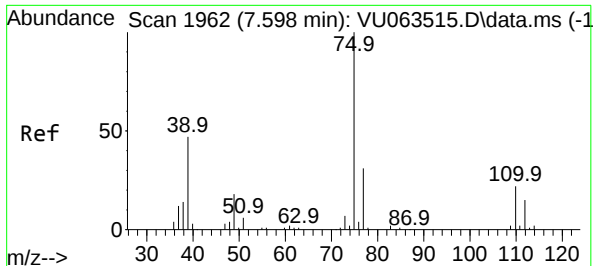
Tgt Ion: 75 Resp: 58001

Ion Ratio Lower Upper

75 100

77 31.5 24.9 37.3

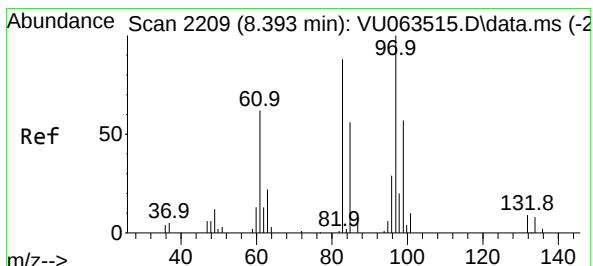
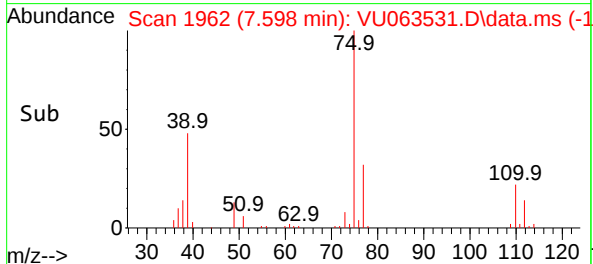
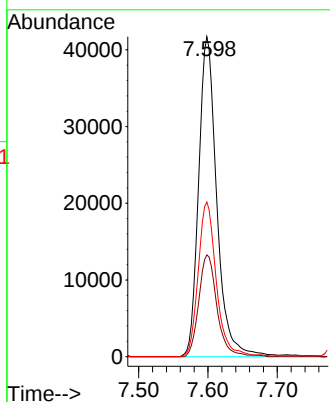
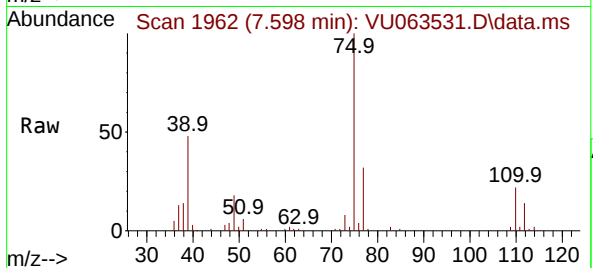




#51
 cis-1,3-Dichloropropene
 Concen: 8.451 ug/l
 RT: 7.598 min Scan# 1962
 Delta R.T. -0.000 min
 Lab File: VU063531.D
 Acq: 17 Jul 2025 18:21

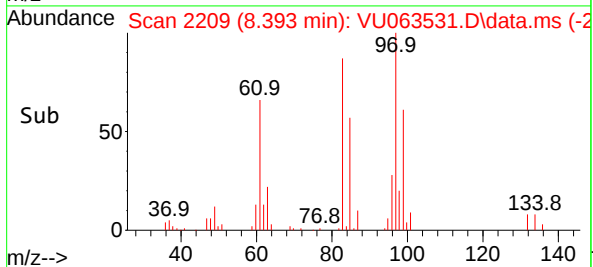
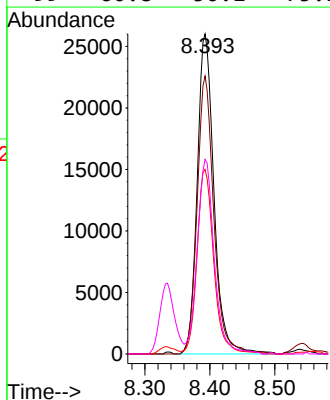
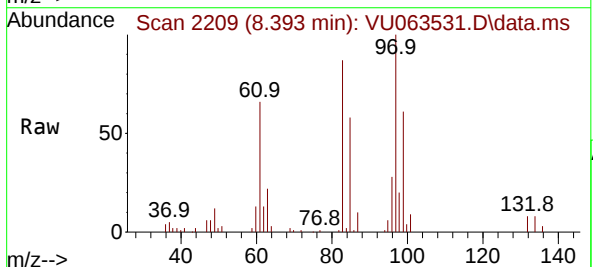
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB

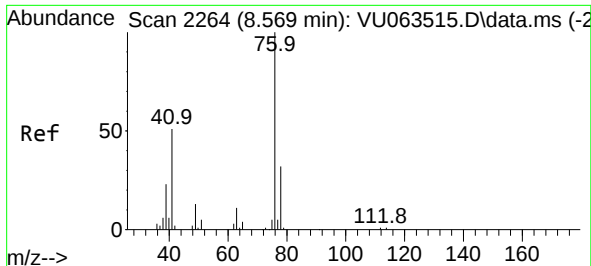
Tgt Ion:	75	Resp:	75934
Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.1	37.7
39	48.4	37.8	56.6



#52
 1,1,2-Trichloroethane
 Concen: 9.190 ug/l
 RT: 8.393 min Scan# 2209
 Delta R.T. -0.000 min
 Lab File: VU063531.D
 Acq: 17 Jul 2025 18:21

Tgt Ion:	97	Resp:	46808
Ion	Ratio	Lower	Upper
97	100		
83	86.8	70.2	105.2
85	57.6	45.2	67.8
99	60.8	50.1	75.1





#53

1,3-Dichloropropane

Concen: 8.967 ug/l

RT: 8.566 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU063531.D

Acq: 17 Jul 2025 18:21

Instrument :

MSVOA_U

ClientSampleId :

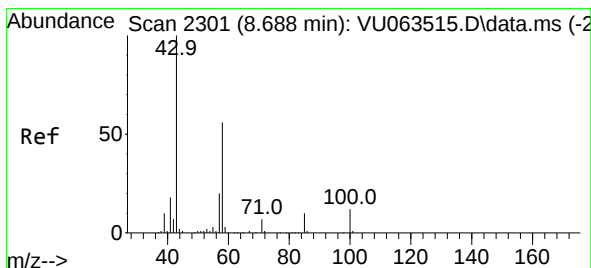
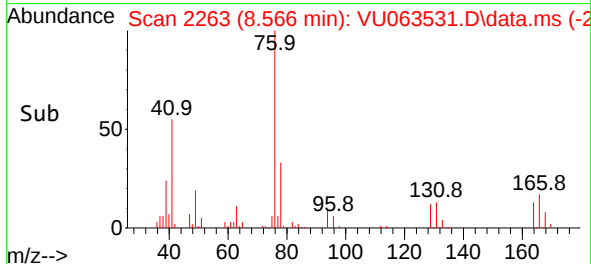
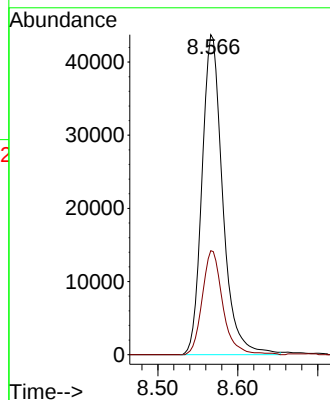
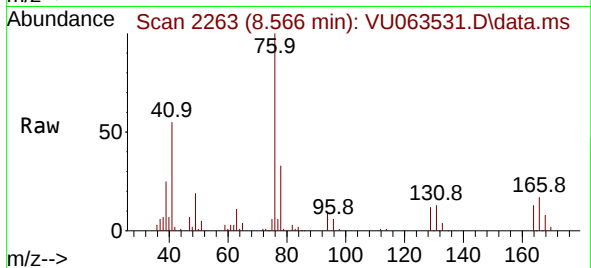
BFB

Tgt Ion: 76 Resp: 78845

Ion Ratio Lower Upper

76 100

78 32.3 26.0 39.0



#54

2-Hexanone

Concen: 46.147 ug/l

RT: 8.688 min Scan# 2301

Delta R.T. -0.000 min

Lab File: VU063531.D

Acq: 17 Jul 2025 18:21

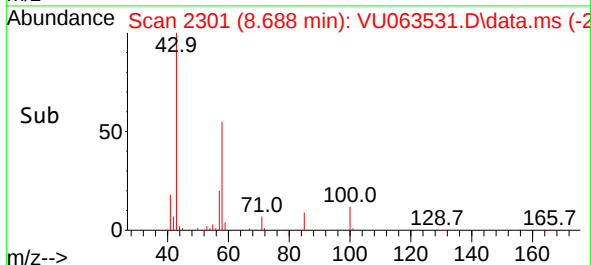
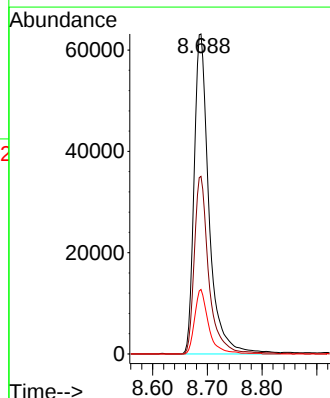
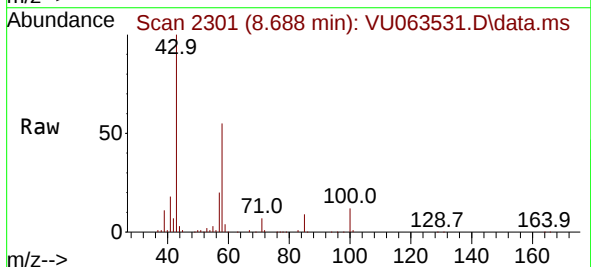
Tgt Ion: 43 Resp: 119520

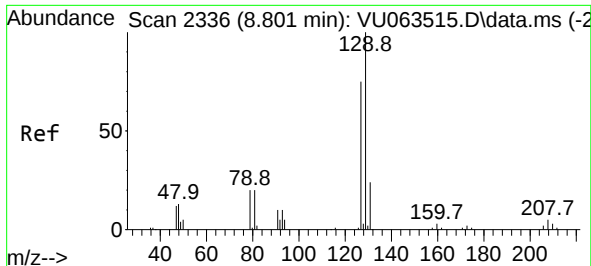
Ion Ratio Lower Upper

43 100

58 54.2 34.8 74.8

57 18.8 0.0 39.5

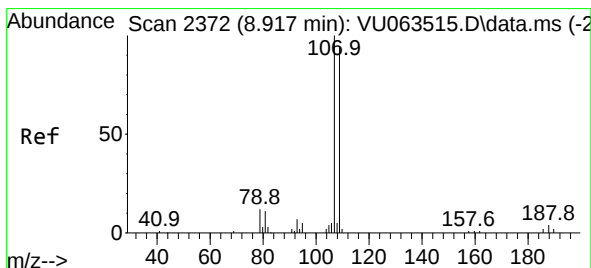
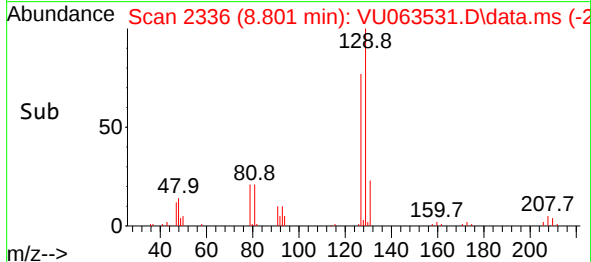
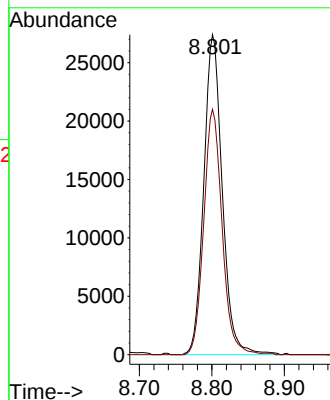
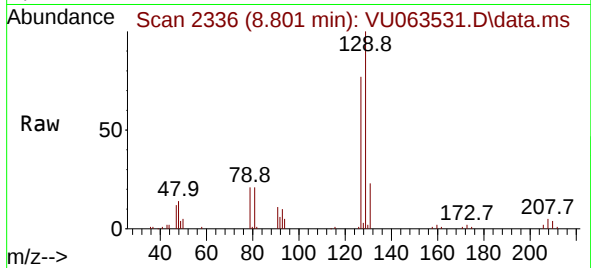




#55
Dibromochloromethane
Concen: 9.024 ug/l
RT: 8.801 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063531.D
Acq: 17 Jul 2025 18:21

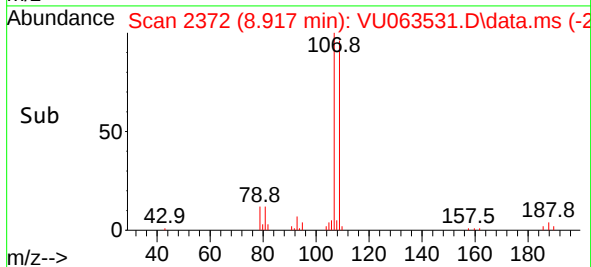
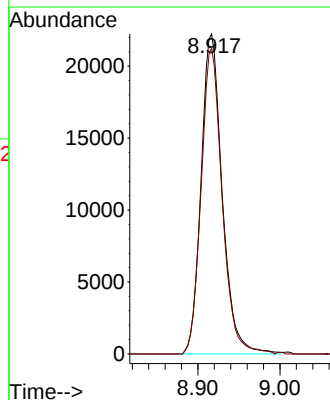
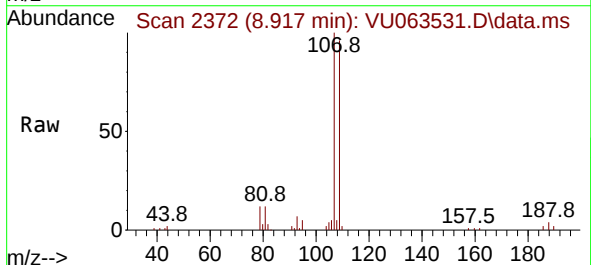
Instrument :
MSVOA_U
ClientSampleId :
BFB

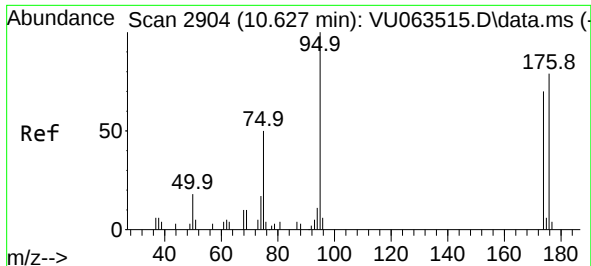
Tgt Ion:129 Resp: 48576
Ion Ratio Lower Upper
129 100
127 75.9 60.1 90.1



#56
1,2-Dibromoethane
Concen: 8.726 ug/l
RT: 8.917 min Scan# 2372
Delta R.T. -0.000 min
Lab File: VU063531.D
Acq: 17 Jul 2025 18:21

Tgt Ion:107 Resp: 39777
Ion Ratio Lower Upper
107 100
109 95.0 0.0 186.4





#57

4-Bromofluorobenzene

Concen: 0.853 ug/l

RT: 10.627 min Scan# 2904

Delta R.T. -0.000 min

Lab File: VU063531.D

Acq: 17 Jul 2025 18:21

Instrument :

MSVOA_U

ClientSampleId :

BFB

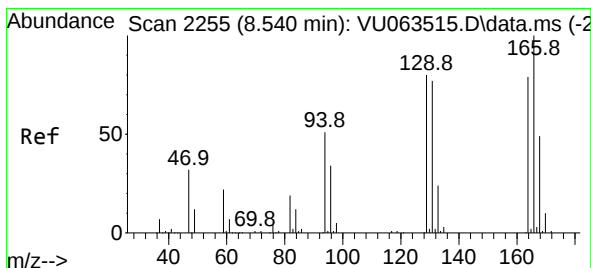
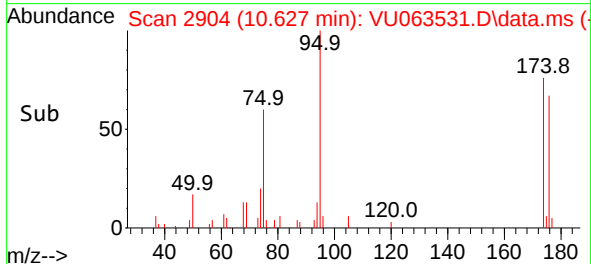
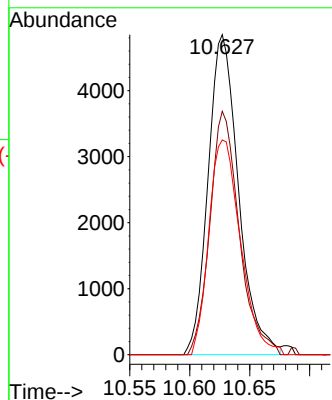
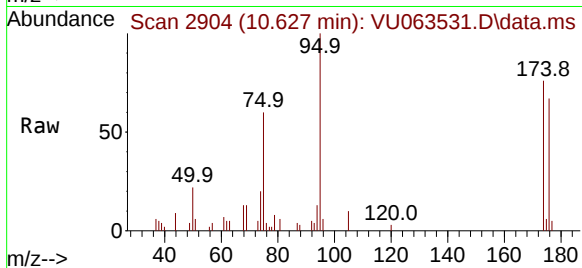
Tgt Ion: 95 Resp: 8558

Ion Ratio Lower Upper

95 100

174 73.2 59.8 89.8

176 69.7 61.8 92.8



#58

Tetrachloroethene

Concen: 8.447 ug/l

RT: 8.540 min Scan# 2255

Delta R.T. -0.000 min

Lab File: VU063531.D

Acq: 17 Jul 2025 18:21

Tgt Ion: 164 Resp: 61549

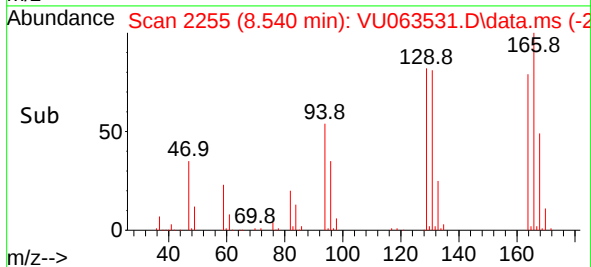
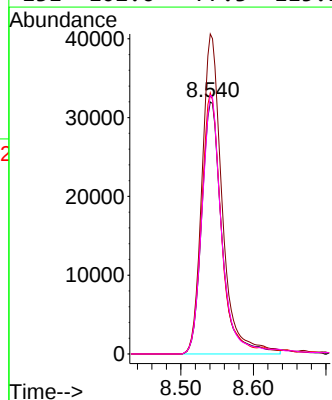
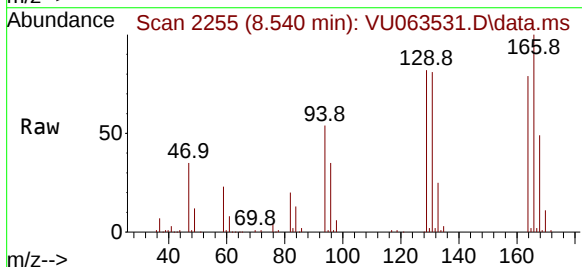
Ion Ratio Lower Upper

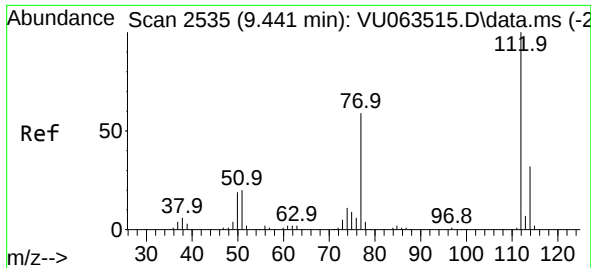
164 100

166 127.0 100.7 151.1

129 103.6 80.6 120.8

131 102.6 77.3 115.9





#59

Chlorobenzene

Concen: 8.820 ug/l

RT: 9.438 min Scan# 2534

Delta R.T. -0.003 min

Lab File: VU063531.D

Acq: 17 Jul 2025 18:21

Instrument :

MSVOA_U

ClientSampleId :

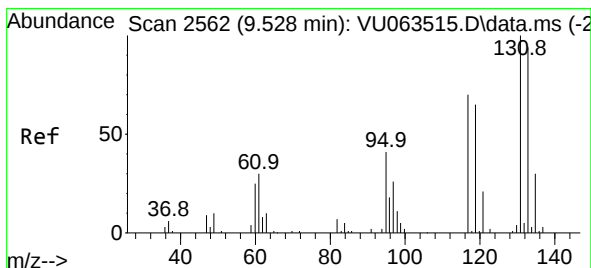
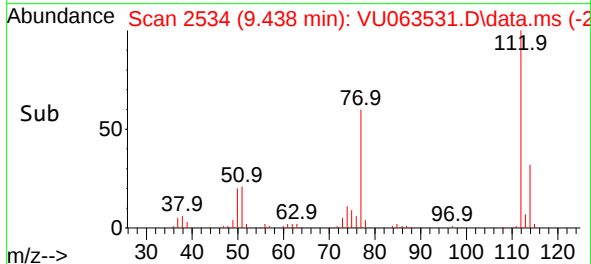
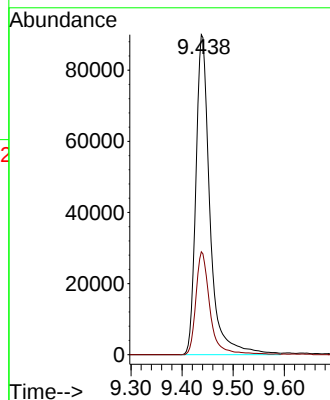
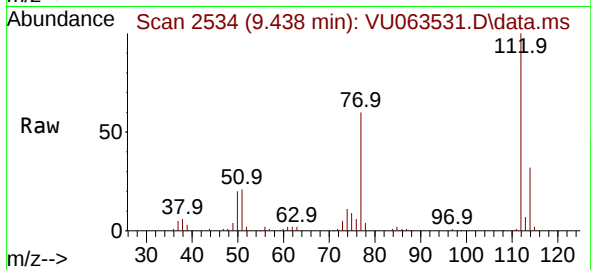
BFB

Tgt Ion:112 Resp: 172600

Ion Ratio Lower Upper

112 100

114 32.2 25.4 38.2



#60

1,1,1,2-Tetrachloroethane

Concen: 8.613 ug/l

RT: 9.524 min Scan# 2561

Delta R.T. -0.003 min

Lab File: VU063531.D

Acq: 17 Jul 2025 18:21

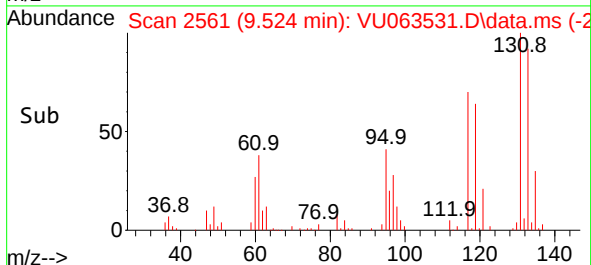
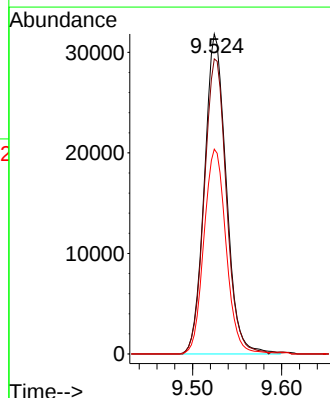
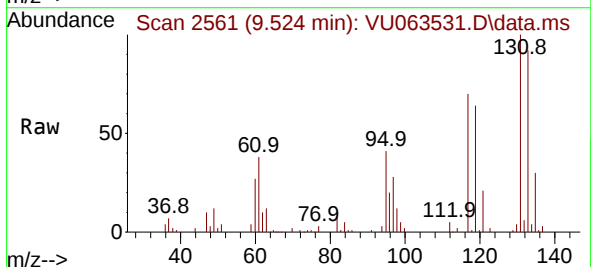
Tgt Ion:131 Resp: 54198

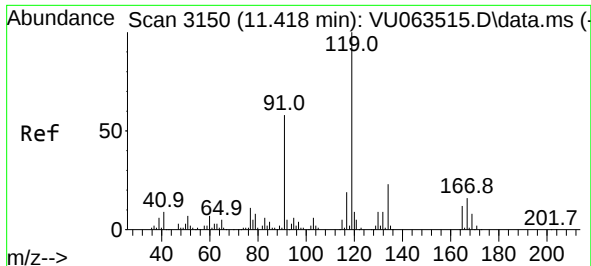
Ion Ratio Lower Upper

131 100

133 93.7 74.7 112.1

119 64.8 53.0 79.4

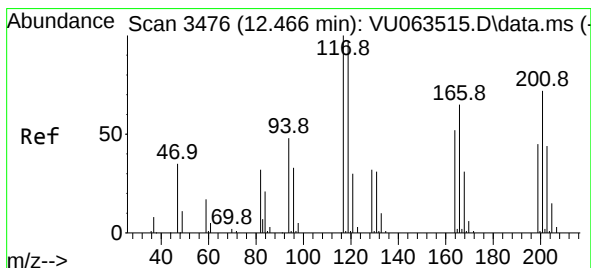
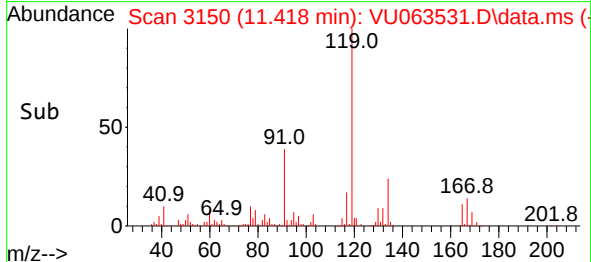
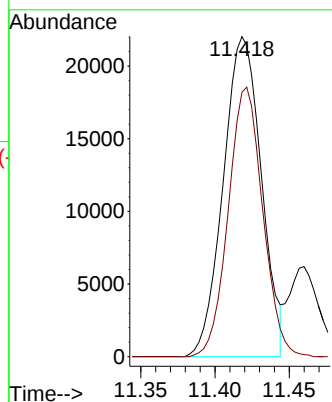
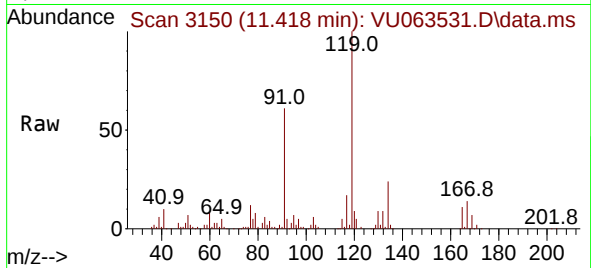




#61
 Pentachloroethane
 Concen: 8.839 ug/l
 RT: 11.418 min Scan# 3150
 Delta R.T. -0.000 min
 Lab File: VU063531.D
 Acq: 17 Jul 2025 18:21

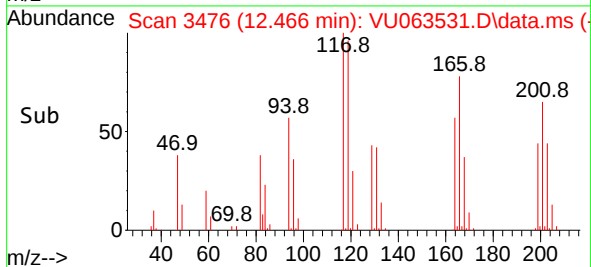
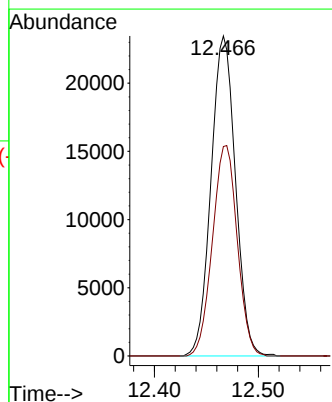
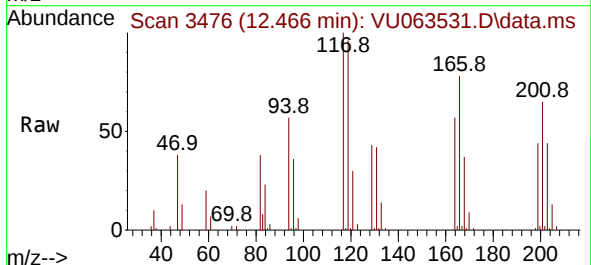
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB

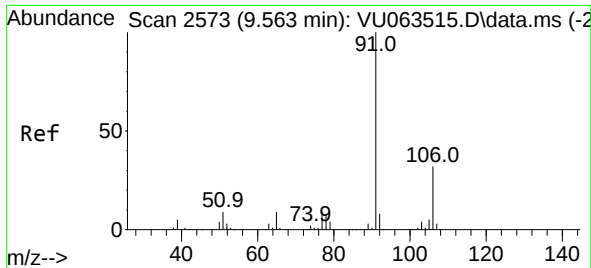
Tgt Ion:117 Resp: 39302
 Ion Ratio Lower Upper
 117 100
 167 76.2 65.0 97.6



#62
 Hexachloroethane
 Concen: 8.707 ug/l
 RT: 12.466 min Scan# 3476
 Delta R.T. -0.000 min
 Lab File: VU063531.D
 Acq: 17 Jul 2025 18:21

Tgt Ion:117 Resp: 38339
 Ion Ratio Lower Upper
 117 100
 201 66.7 57.4 86.0

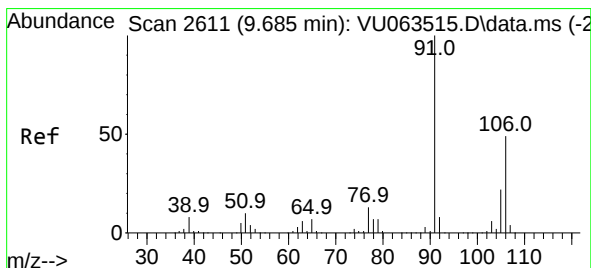
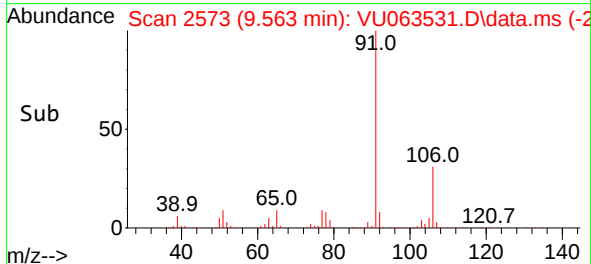
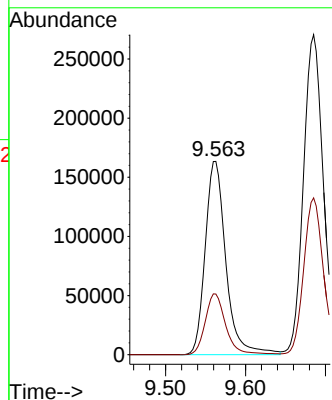
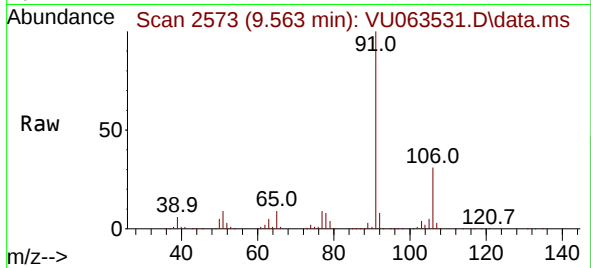




#63
Ethyl Benzene
Concen: 8.770 ug/l
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU063531.D
Acq: 17 Jul 2025 18:21

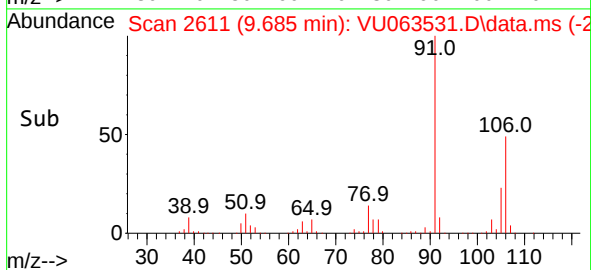
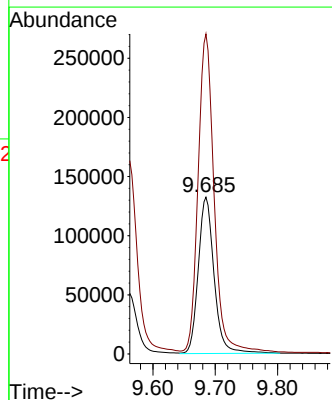
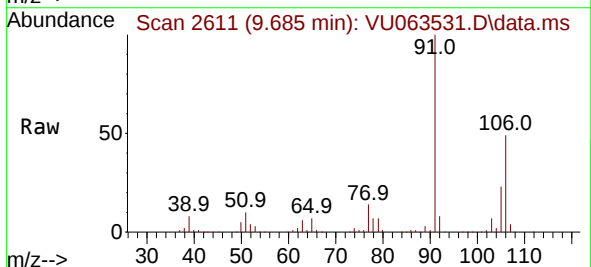
Instrument :
MSVOA_U
ClientSampleId :
BFB

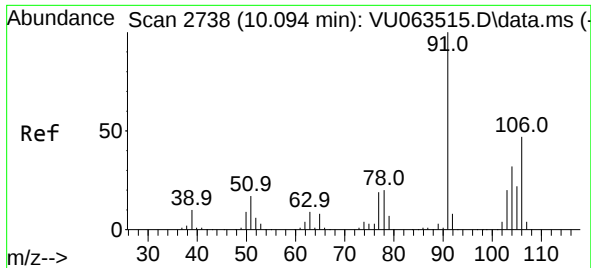
Tgt Ion: 91 Resp: 295312
Ion Ratio Lower Upper
91 100
106 31.4 25.4 38.0



#64
m/p-Xylenes
Concen: 17.789 ug/l
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU063531.D
Acq: 17 Jul 2025 18:21

Tgt Ion:106 Resp: 232831
Ion Ratio Lower Upper
106 100
91 207.9 163.6 245.4

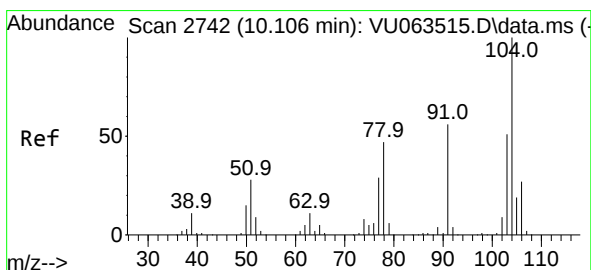
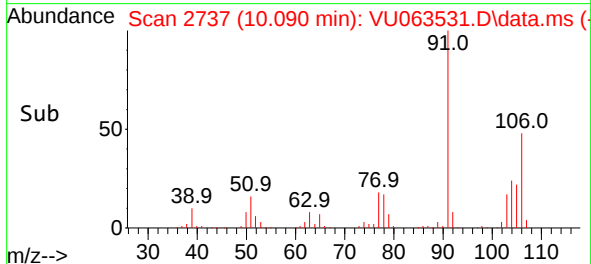
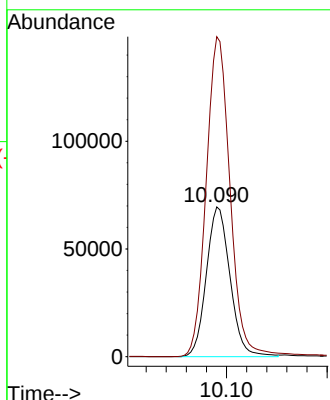
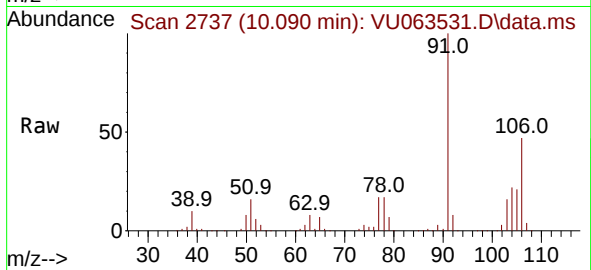




#65
o-Xylene
Concen: 9.051 ug/l
RT: 10.090 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU063531.D
Acq: 17 Jul 2025 18:21

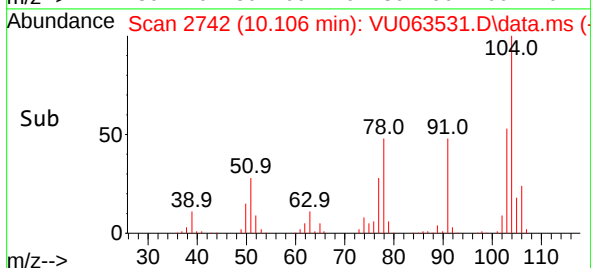
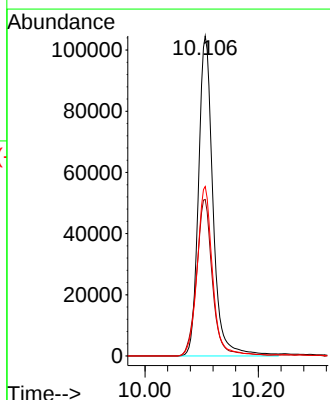
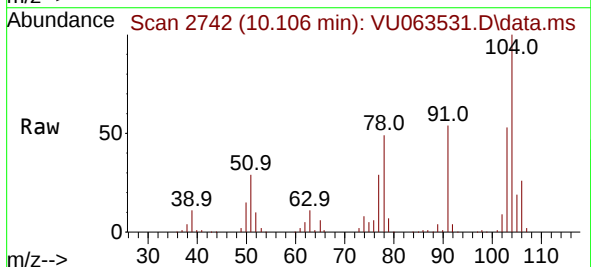
Instrument :
MSVOA_U
ClientSampleId :
BFB

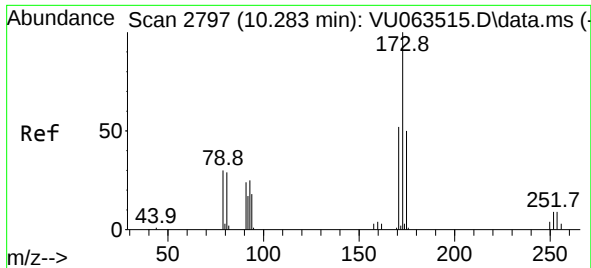
Tgt Ion:106 Resp: 113833
Ion Ratio Lower Upper
106 100
91 216.9 108.1 324.4



#66
Styrene
Concen: 9.301 ug/l
RT: 10.106 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VU063531.D
Acq: 17 Jul 2025 18:21

Tgt Ion:104 Resp: 186420
Ion Ratio Lower Upper
104 100
78 53.4 41.3 61.9
103 56.3 43.6 65.4

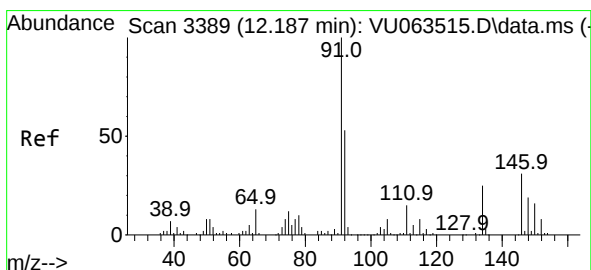
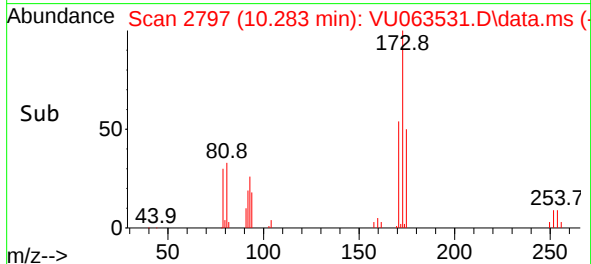
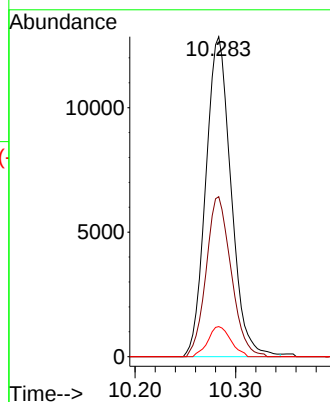
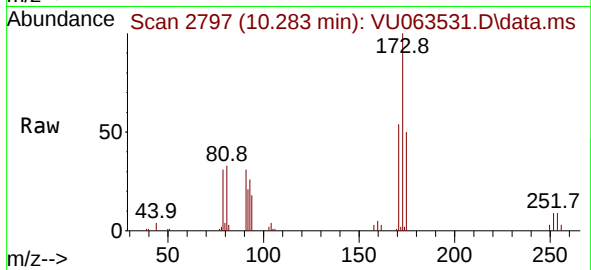




#67
Bromoform
Concen: 8.103 ug/l
RT: 10.283 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063531.D
Acq: 17 Jul 2025 18:21

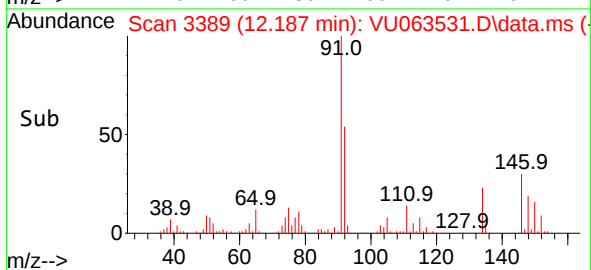
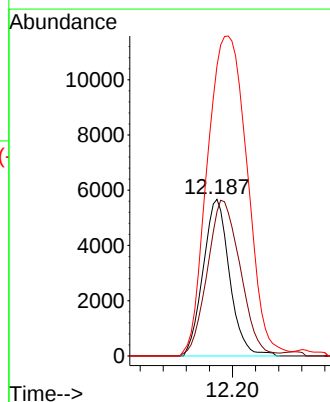
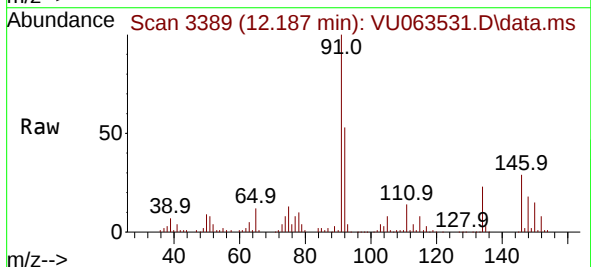
Instrument :
MSVOA_U
ClientSampleId :
BFB

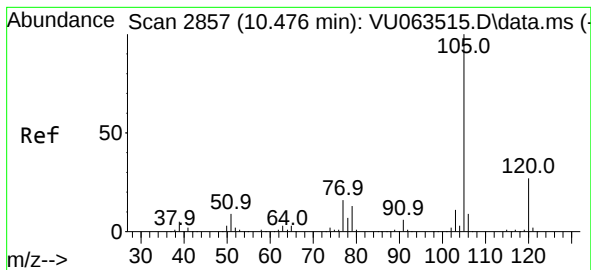
Tgt Ion:173 Resp: 22400
Ion Ratio Lower Upper
173 100
175 49.5 39.0 58.4
254 8.5 6.5 9.7



#68
1,2-Dichlorobenzene-d4
Concen: 0.970 ug/l
RT: 12.187 min Scan# 3389
Delta R.T. -0.000 min
Lab File: VU063531.D
Acq: 17 Jul 2025 18:21

Tgt Ion:152 Resp: 8996
Ion Ratio Lower Upper
152 100
115 124.2 0.0 262.2
150 308.8 0.0 651.2





#69

Isopropylbenzene

Concen: 9.069 ug/l

RT: 10.476 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU063531.D

Acq: 17 Jul 2025 18:21

Instrument :

MSVOA_U

ClientSampleId :

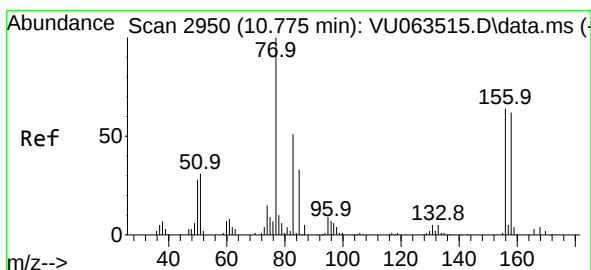
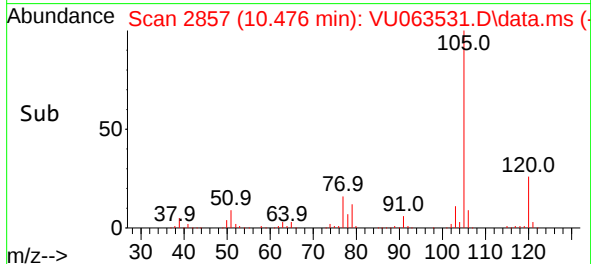
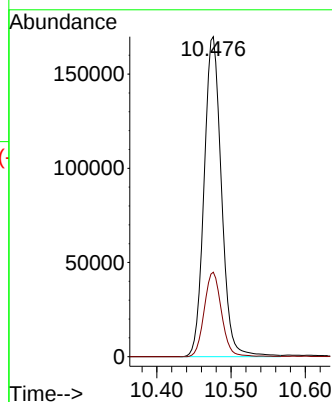
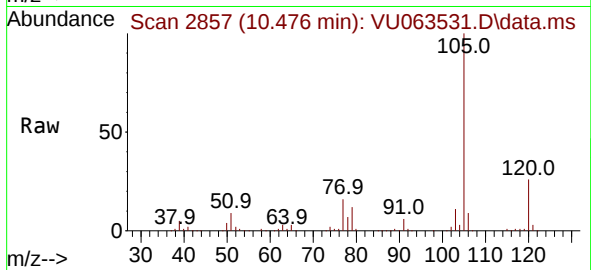
BFB

Tgt Ion:105 Resp: 275747

Ion Ratio Lower Upper

105 100

120 26.2 13.2 39.5



#70

1,1,2,2-Tetrachloroethane

Concen: 9.256 ug/l

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU063531.D

Acq: 17 Jul 2025 18:21

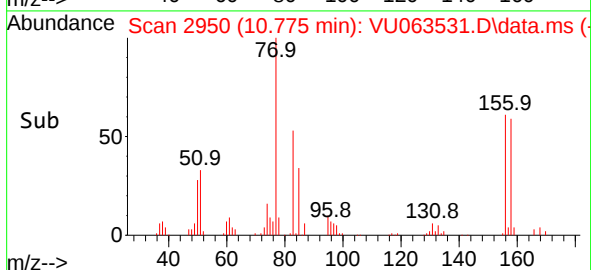
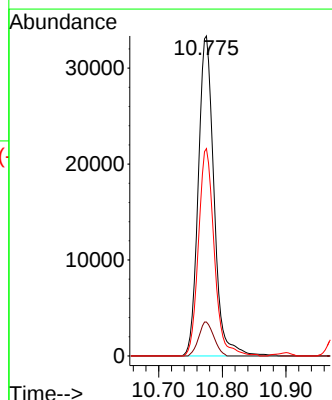
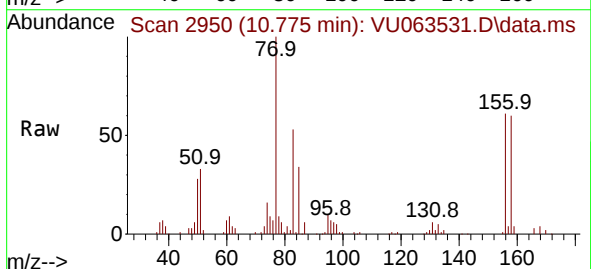
Tgt Ion: 83 Resp: 57367

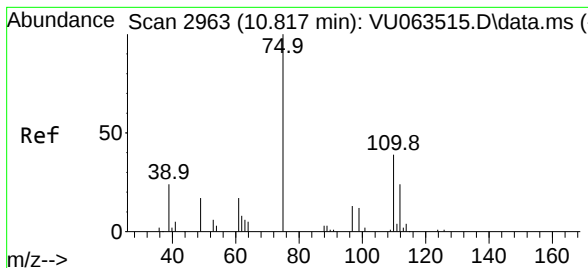
Ion Ratio Lower Upper

83 100

131 10.2 8.4 12.6

85 64.9 51.9 77.9

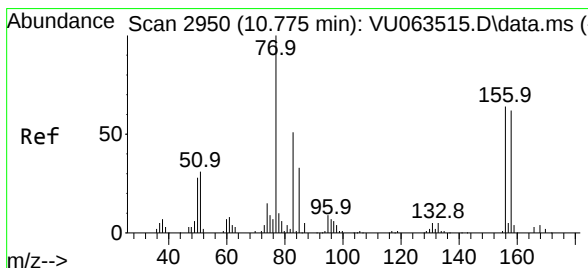
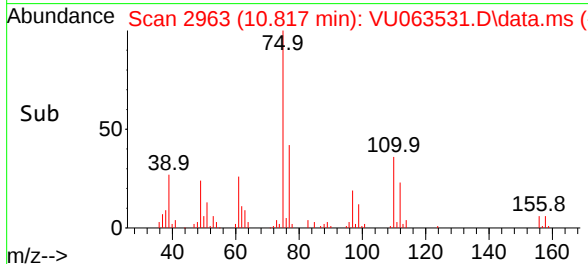
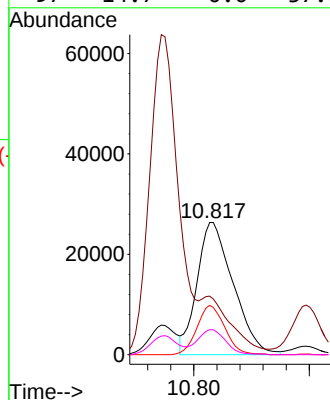
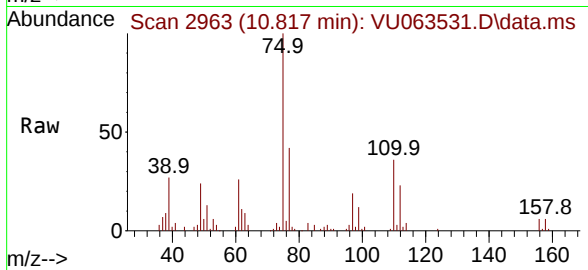




#71
1,2,3-Trichloropropane
Concen: 11.350 ug/l
RT: 10.817 min Scan# 2963
Delta R.T. -0.000 min
Lab File: VU063531.D
Acq: 17 Jul 2025 18:21

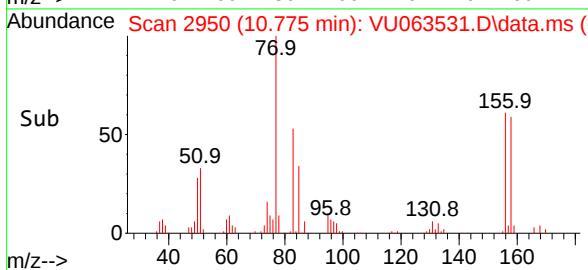
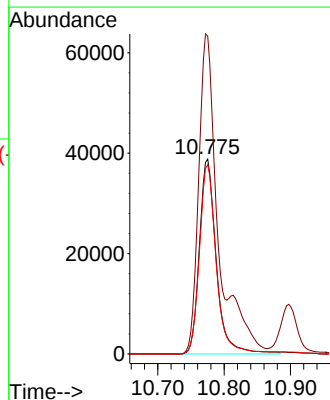
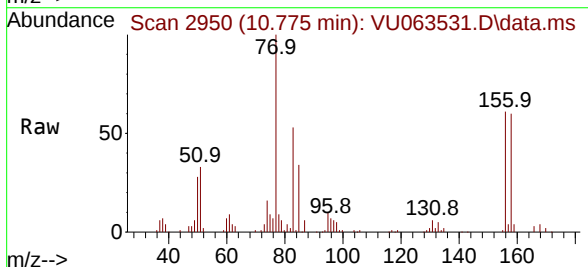
Instrument :
MSVOA_U
ClientSampleId :
BFB

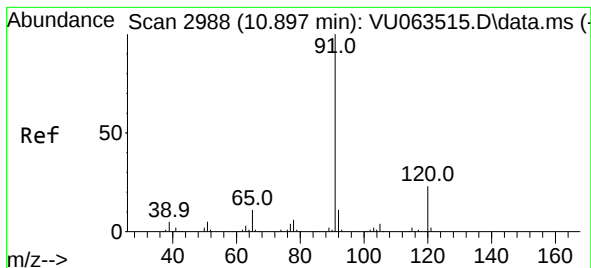
Tgt Ion:	75	Resp:	57136
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	28.8	0.0	73.2
97	14.7	0.0	37.6



#72
Bromobenzene
Concen: 8.769 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU063531.D
Acq: 17 Jul 2025 18:21

Tgt Ion:	156	Resp:	68813
Ion	Ratio	Lower	Upper
156	100		
77	161.0	0.0	315.2
158	96.5	0.0	195.4





#73

n-propylbenzene

Concen: 9.103 ug/l

RT: 10.897 min Scan# 2988

Delta R.T. -0.000 min

Lab File: VU063531.D

Acq: 17 Jul 2025 18:21

Instrument :

MSVOA_U

ClientSampleId :

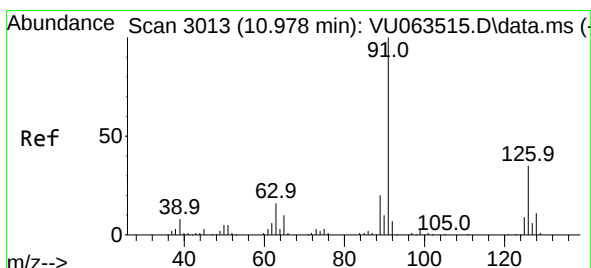
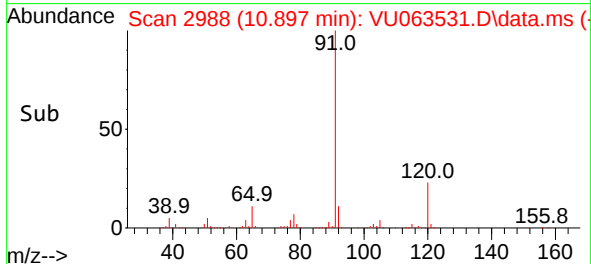
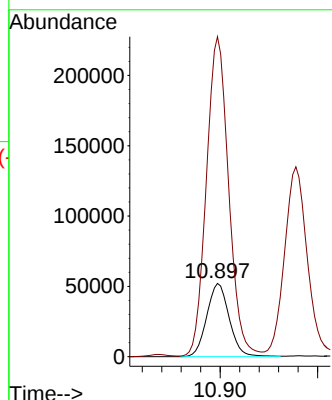
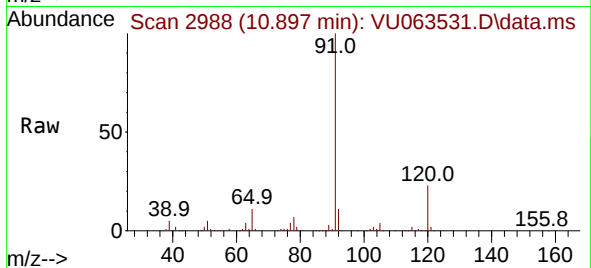
BFB

Tgt Ion:120 Resp: 83317

Ion Ratio Lower Upper

120 100

91 432.3 343.1 514.7



#74

2-Chlorotoluene

Concen: 9.007 ug/l

RT: 10.978 min Scan# 3013

Delta R.T. -0.000 min

Lab File: VU063531.D

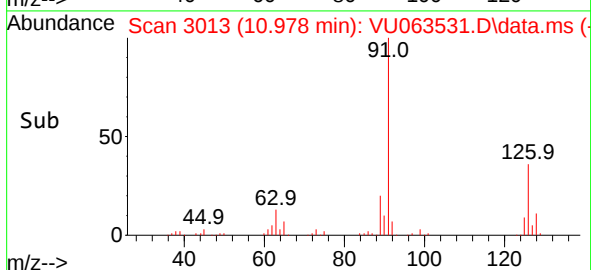
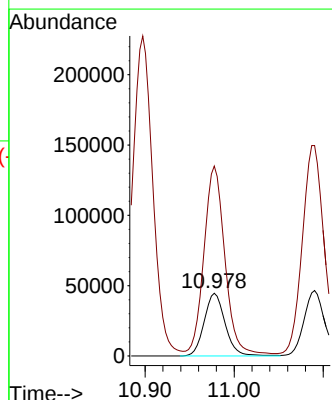
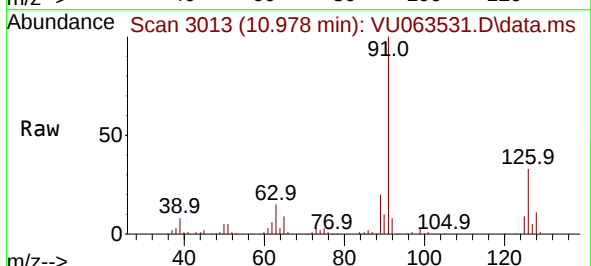
Acq: 17 Jul 2025 18:21

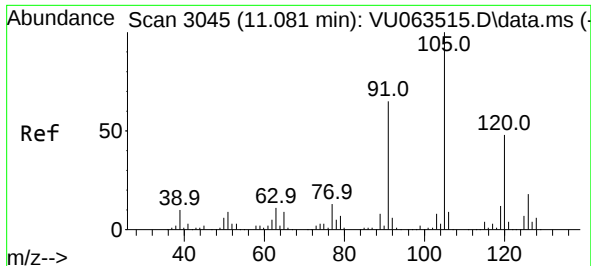
Tgt Ion:126 Resp: 72858

Ion Ratio Lower Upper

126 100

91 300.3 0.0 606.0

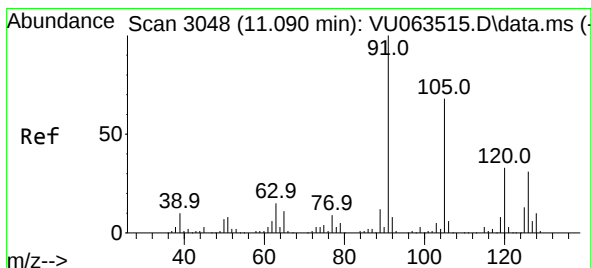
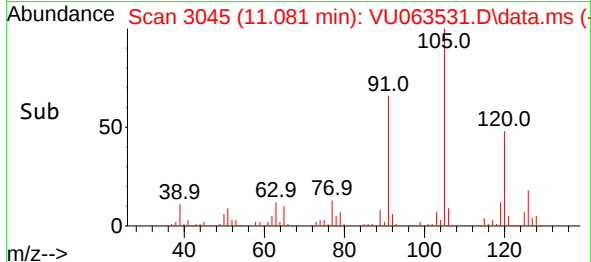
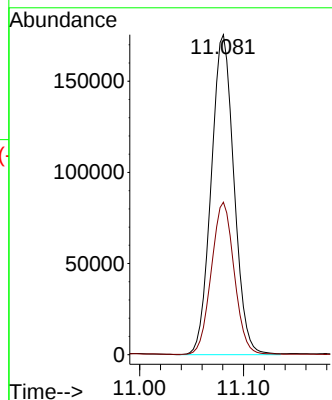
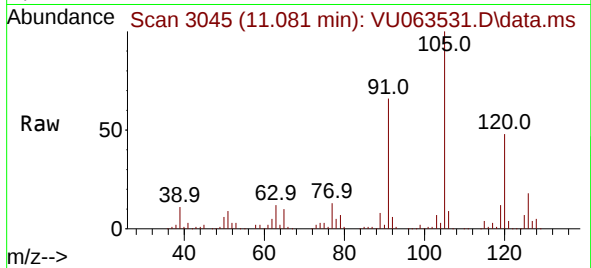




#75
1,3,5-Trimethylbenzene
Concen: 9.221 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VU063531.D
Acq: 17 Jul 2025 18:21

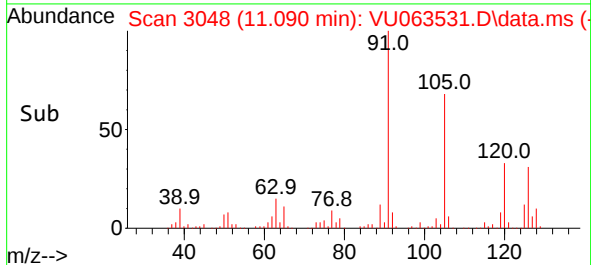
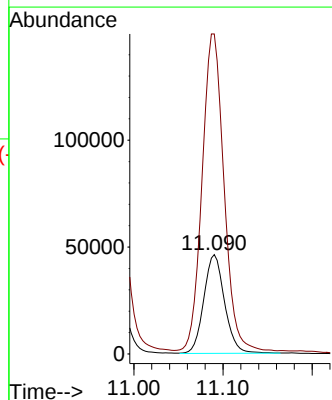
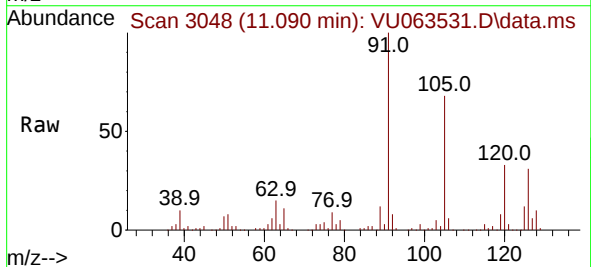
Instrument :
MSVOA_U
ClientSampleId :
BFB

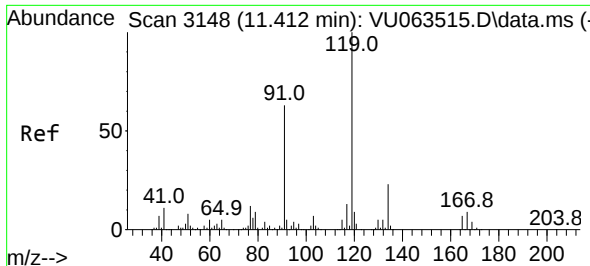
Tgt Ion:105 Resp: 267836
Ion Ratio Lower Upper
105 100
120 47.6 37.8 56.8



#76
4-Chlorotoluene
Concen: 9.098 ug/l
RT: 11.090 min Scan# 3048
Delta R.T. -0.000 min
Lab File: VU063531.D
Acq: 17 Jul 2025 18:21

Tgt Ion:126 Resp: 74741
Ion Ratio Lower Upper
126 100
91 339.3 0.0 682.2

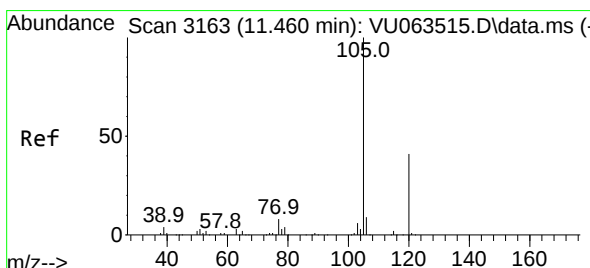
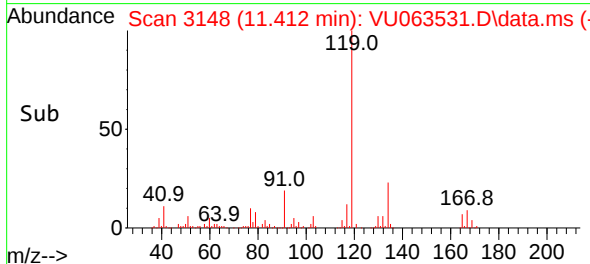
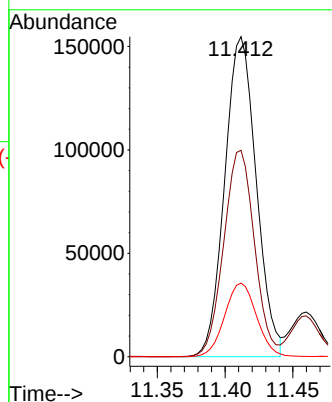
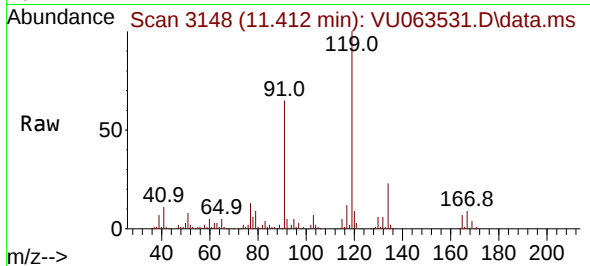




#77
tert-Butylbenzene
Concen: 9.032 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU063531.D
Acq: 17 Jul 2025 18:21

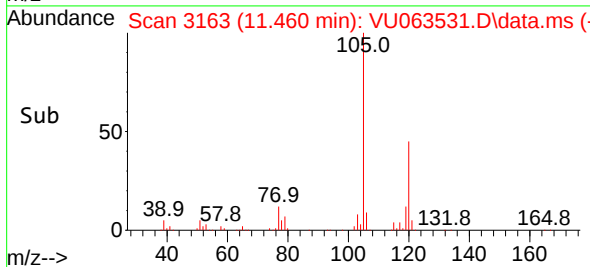
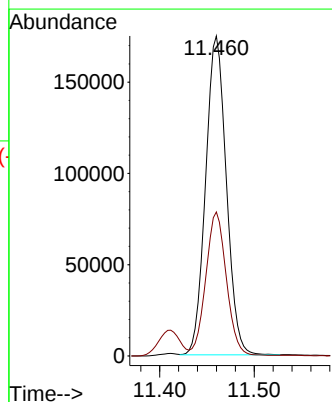
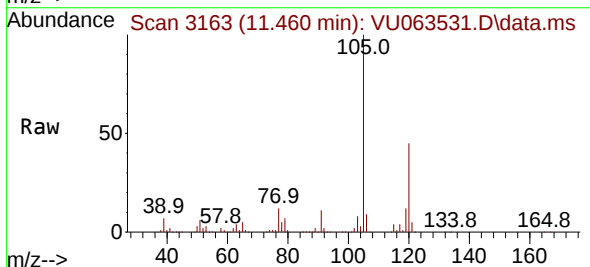
Instrument :
MSVOA_U
ClientSampleId :
BFB

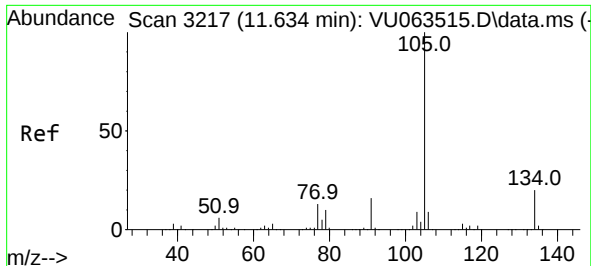
Tgt Ion:119 Resp: 250719
Ion Ratio Lower Upper
119 100
91 63.1 30.7 92.1
134 23.3 18.5 27.7



#78
1,2,4-Trimethylbenzene
Concen: 9.226 ug/l
RT: 11.460 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VU063531.D
Acq: 17 Jul 2025 18:21

Tgt Ion:105 Resp: 265878
Ion Ratio Lower Upper
105 100
120 44.8 22.7 68.0

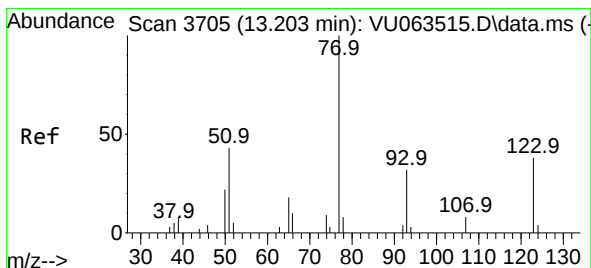
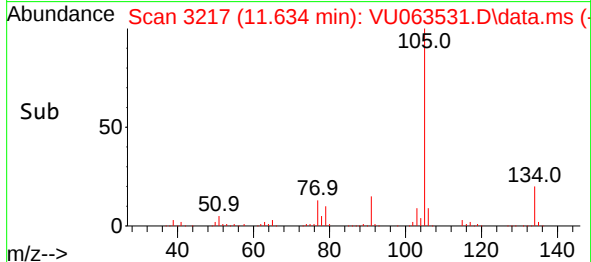
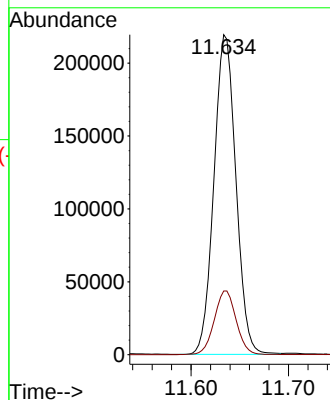
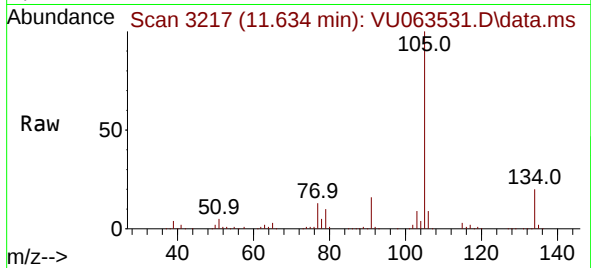




#79
 sec-Butylbenzene
 Concen: 9.188 ug/l
 RT: 11.634 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU063531.D
 Acq: 17 Jul 2025 18:21

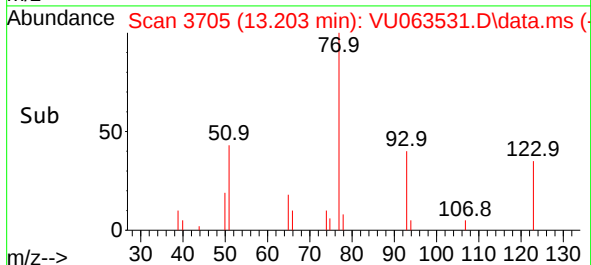
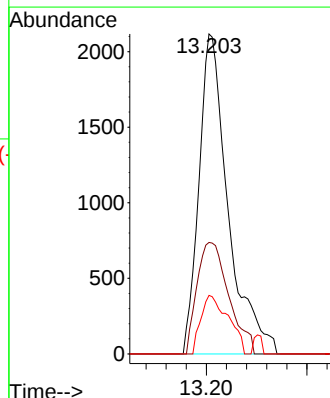
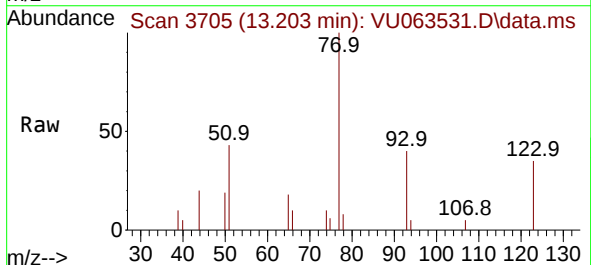
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB

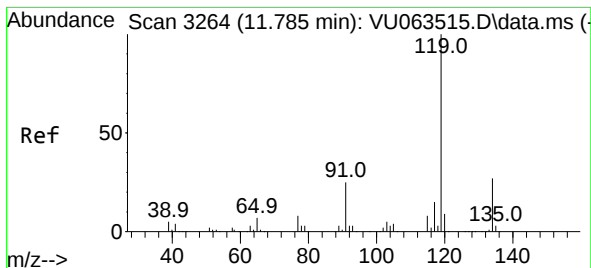
Tgt Ion:105 Resp: 343967
 Ion Ratio Lower Upper
 105 100
 134 19.9 16.2 24.4



#80
 Nitrobenzene
 Concen: 33.947 ug/l
 RT: 13.203 min Scan# 3705
 Delta R.T. -0.000 min
 Lab File: VU063531.D
 Acq: 17 Jul 2025 18:21

Tgt Ion: 77 Resp: 4243
 Ion Ratio Lower Upper
 77 100
 123 38.1 16.9 59.7
 65 17.3 16.5 20.9





#81

p-Isopropyltoluene

Concen: 9.355 ug/l

RT: 11.785 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU063531.D

Acq: 17 Jul 2025 18:21

Instrument :

MSVOA_U

ClientSampleId :

BFB

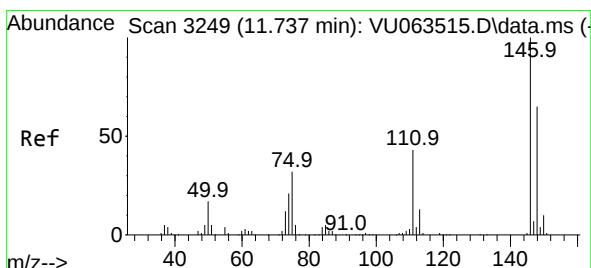
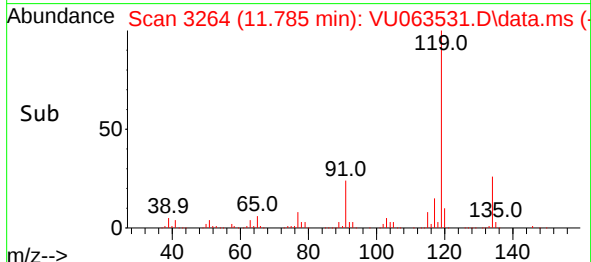
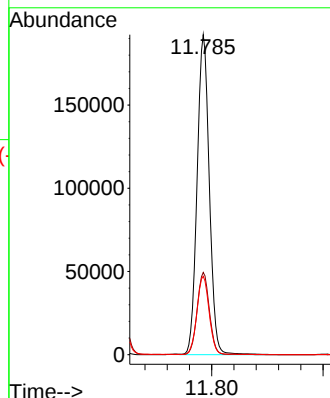
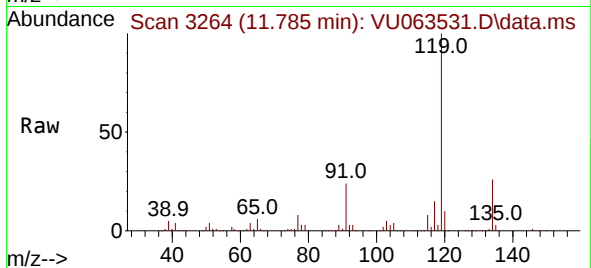
Tgt Ion:119 Resp: 292342

Ion Ratio Lower Upper

119 100

134 25.5 21.1 31.7

91 24.3 19.8 29.8



#82

1,3-Dichlorobenzene

Concen: 8.847 ug/l

RT: 11.736 min Scan# 3249

Delta R.T. -0.000 min

Lab File: VU063531.D

Acq: 17 Jul 2025 18:21

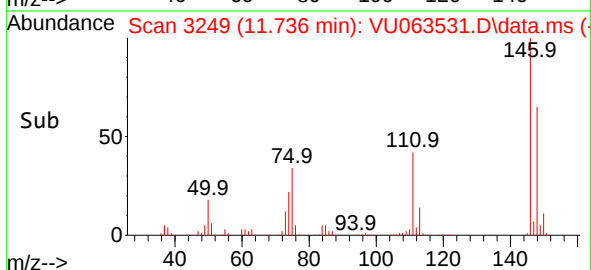
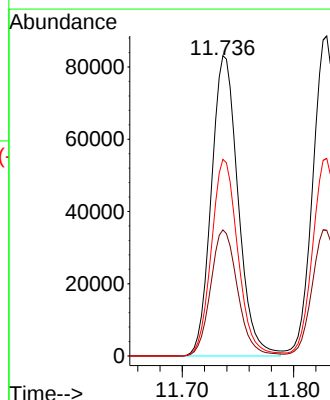
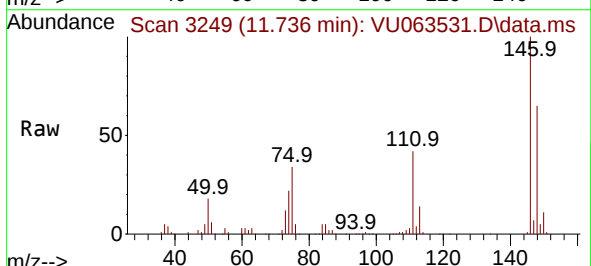
Tgt Ion:146 Resp: 138899

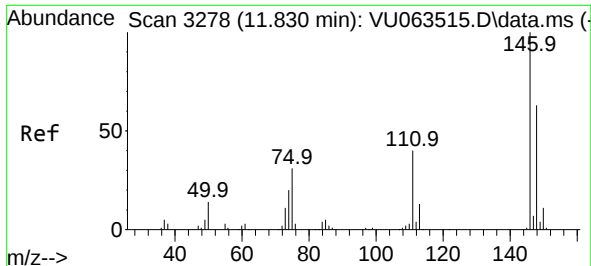
Ion Ratio Lower Upper

146 100

111 42.3 33.8 50.6

148 65.0 51.5 77.3

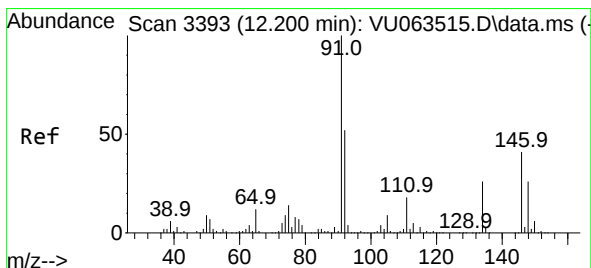
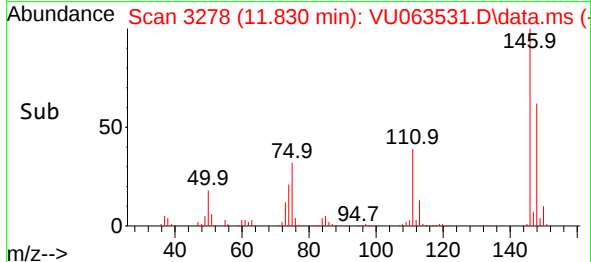
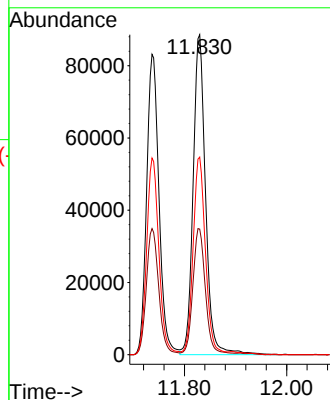
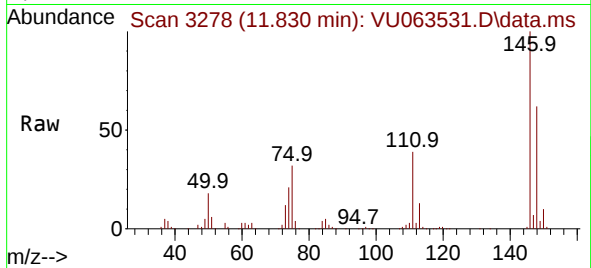




#83
1,4-Dichlorobenzene
Concen: 9.521 ug/l
RT: 11.830 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU063531.D
Acq: 17 Jul 2025 18:21

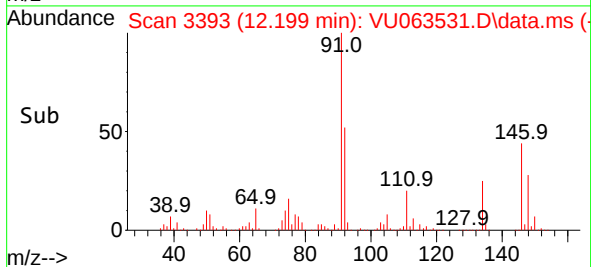
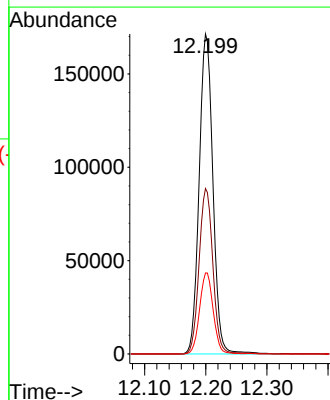
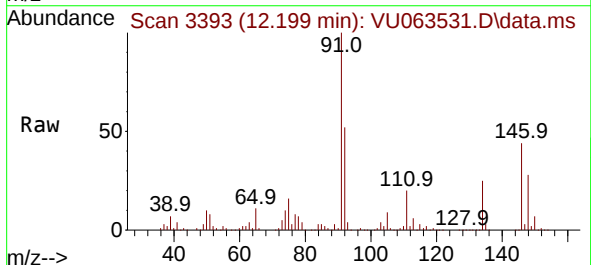
Instrument :
MSVOA_U
ClientSampleId :
BFB

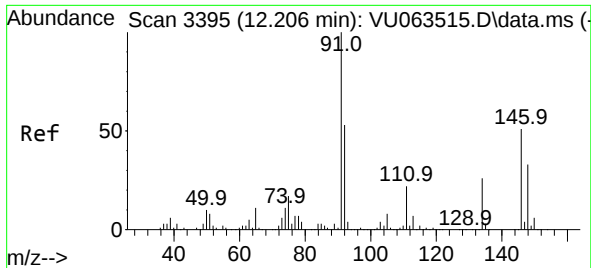
Tgt Ion:146 Resp: 149632
Ion Ratio Lower Upper
146 100
111 38.6 32.0 48.0
148 59.2 50.2 75.2



#84
n-Butylbenzene
Concen: 9.243 ug/l
RT: 12.199 min Scan# 3393
Delta R.T. -0.001 min
Lab File: VU063531.D
Acq: 17 Jul 2025 18:21

Tgt Ion: 91 Resp: 267880
Ion Ratio Lower Upper
91 100
92 51.9 41.5 62.3
134 25.0 20.6 30.8

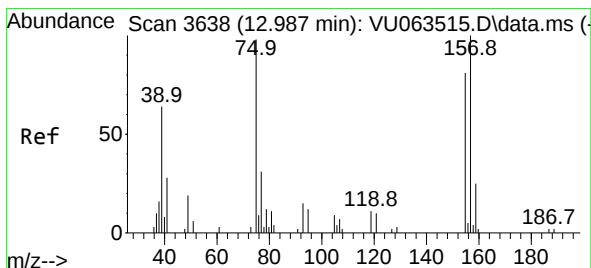
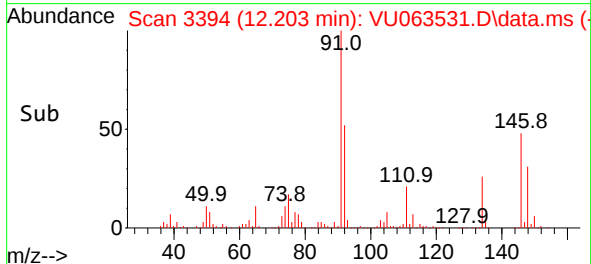
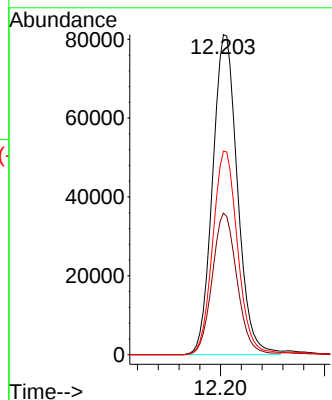
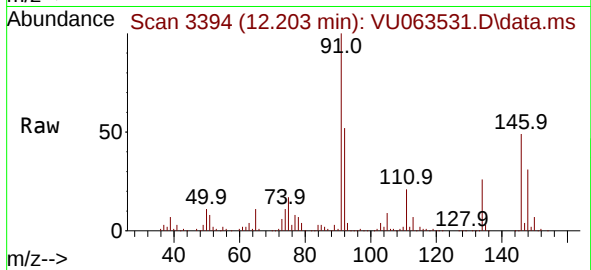




#85
 1,2-Dichlorobenzene
 Concen: 9.134 ug/l
 RT: 12.203 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU063531.D
 Acq: 17 Jul 2025 18:21

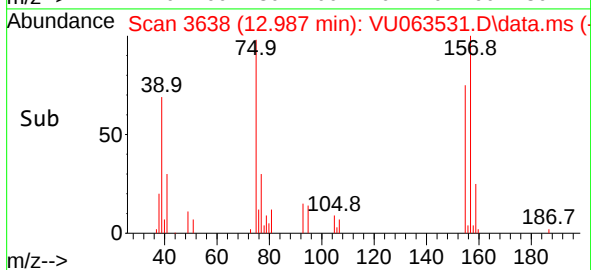
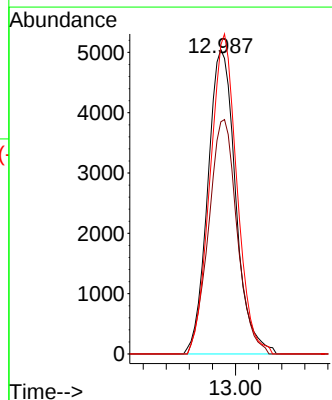
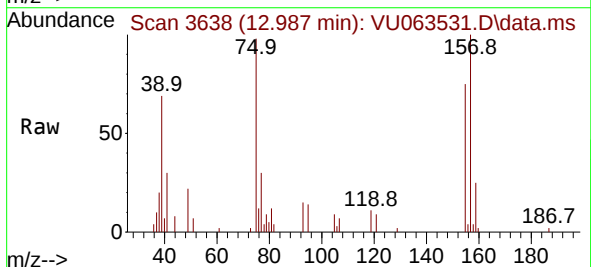
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB

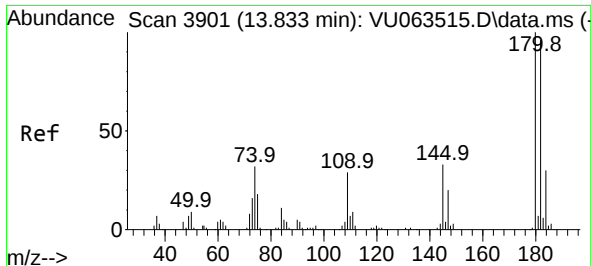
Tgt Ion:146 Resp: 134734
 Ion Ratio Lower Upper
 146 100
 111 44.0 21.7 65.1
 148 63.9 31.8 95.3



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 8.372 ug/l
 RT: 12.987 min Scan# 3638
 Delta R.T. 0.000 min
 Lab File: VU063531.D
 Acq: 17 Jul 2025 18:21

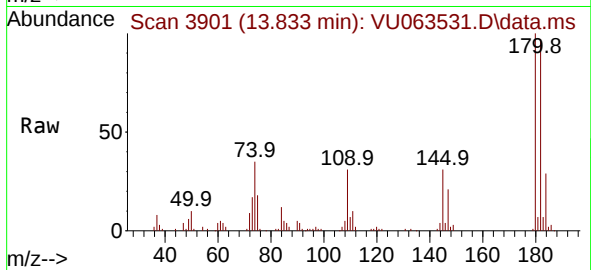
Tgt Ion: 75 Resp: 8435
 Ion Ratio Lower Upper
 75 100
 155 78.6 65.8 98.6
 157 101.6 81.4 122.2



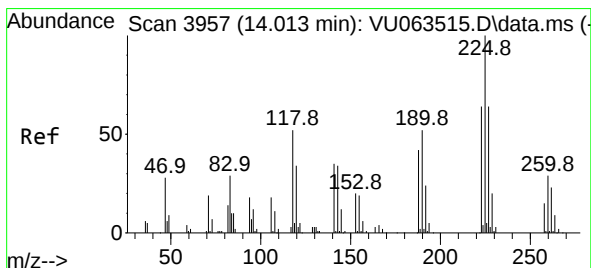
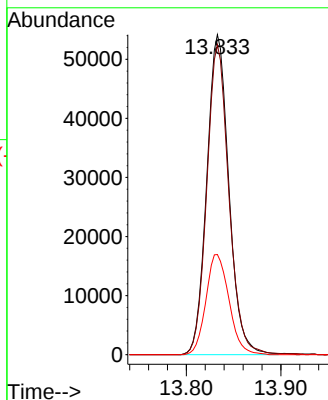
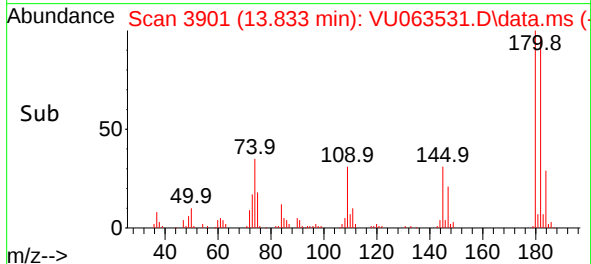


#87
1,2,4-Trichlorobenzene
Concen: 9.601 ug/l
RT: 13.833 min Scan# 3901
Delta R.T. -0.000 min
Lab File: VU063531.D
Acq: 17 Jul 2025 18:21

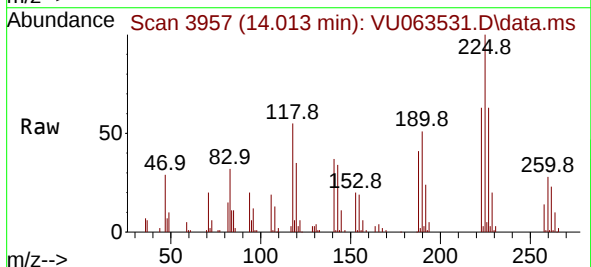
Instrument :
MSVOA_U
ClientSampleId :
BFB



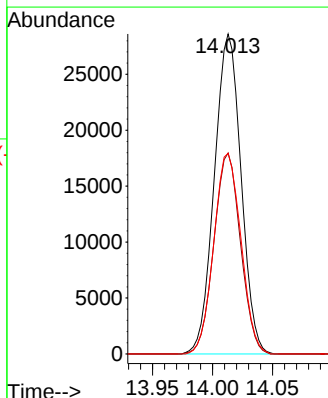
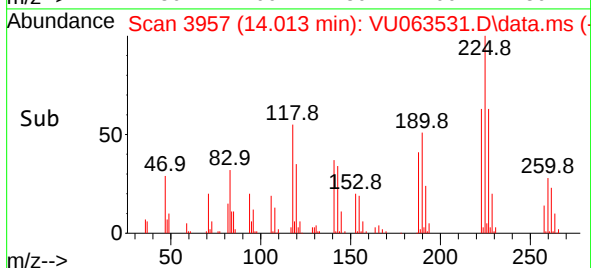
Tgt Ion:180 Resp: 88063
Ion Ratio Lower Upper
180 100
182 96.6 76.2 114.4
145 32.7 26.2 39.2

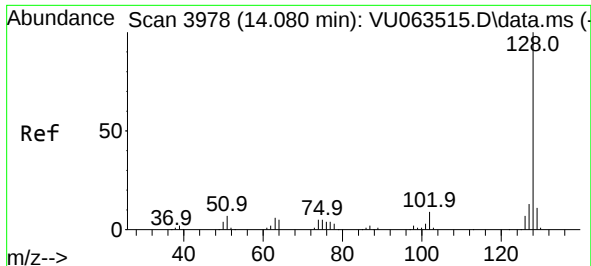


#88
Hexachlorobutadiene
Concen: 8.500 ug/l
RT: 14.013 min Scan# 3957
Delta R.T. -0.000 min
Lab File: VU063531.D
Acq: 17 Jul 2025 18:21



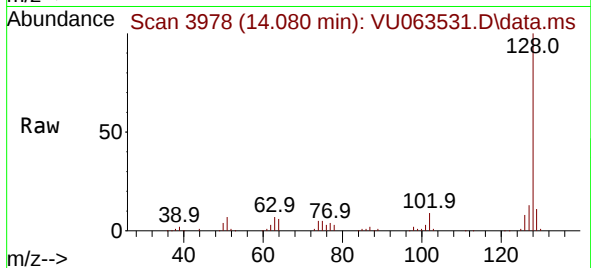
Tgt Ion:225 Resp: 44278
Ion Ratio Lower Upper
225 100
223 62.5 50.8 76.2
227 63.9 51.0 76.6



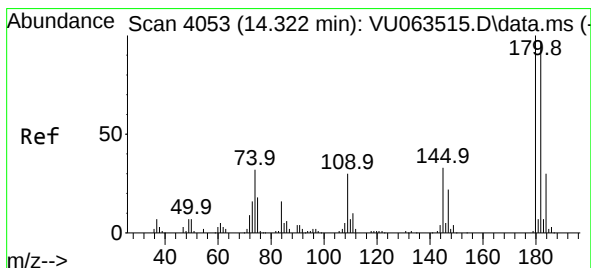
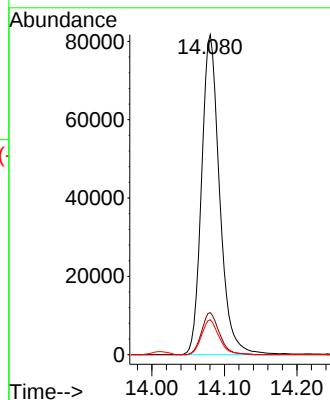
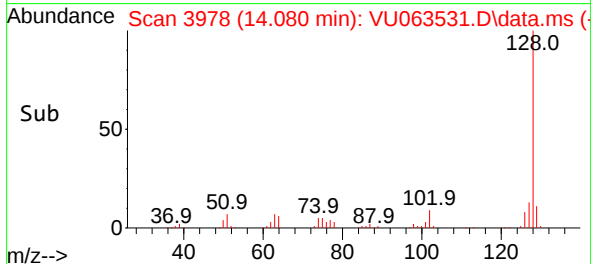


#89
Naphthalene
Concen: 8.601 ug/l
RT: 14.080 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU063531.D
Acq: 17 Jul 2025 18:21

Instrument :
MSVOA_U
ClientSampleId :
BFB



Tgt Ion:128 Resp: 141368
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.6 8.8 13.2



#90
1,2,3-Trichlorobenzene
Concen: 8.784 ug/l
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU063531.D
Acq: 17 Jul 2025 18:21

Tgt Ion:180 Resp: 74454
Ion Ratio Lower Upper
180 100
182 95.2 78.0 117.0
145 34.0 27.3 40.9

