

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091625\
 Data File : VU063594.D
 Acq On : 16 Sep 2025 14:41
 Operator : MD/SY
 Sample : Q2893-09
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 17 03:32:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U091225DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Sep 17 03:28:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.100	96	30794	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	11166	0.973	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	11460	0.980	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	8788	0.865	ug/l	93
3) Chloromethane	1.518	50	9075	0.912	ug/l	99
4) Vinyl Chloride	1.599	62	9297	0.862	ug/l	97
5) Bromomethane	1.837	94	6466	0.971	ug/l	94
6) Chloroethane	1.917	64	6311	0.910	ug/l	98
7) Trichlorofluoromethane	2.126	101	14442	0.913	ug/l	95
8) 1,1,2-Trichloro-1,2,2-...	2.567	101	8198	0.925	ug/l	95
9) 1,1-Dichloroethene	2.567	96	7325	0.913	ug/l	99
10) Iodomethane	2.708	142	9548	0.827	ug/l	99
11) Allyl Chloride	2.907	41	12662	0.949	ug/l	86
12) Acrylonitrile	3.306	53	4130	1.700	ug/l	91
13) Acetone	2.618	43	10959	3.187	ug/l	96
14) Carbon Disulfide	2.776	76	13075	0.780	ug/l	# 91
15) Methylene Chloride	3.030	84	10668	1.006	ug/l	93
16) trans-1,2-Dichloroethene	3.335	96	8139	0.952	ug/l	95
17) 1,1-Dichloroethane	3.849	63	17745	0.906	ug/l	100
18) 2-Butanone	4.714	43	15399	3.932	ug/l	98
19) Cyclohexane	5.357	56	13911	0.887	ug/l	94
20) Methylcyclohexane	6.740	83	10702	0.744	ug/l	92
21) 2,2-Dichloropropane	4.647	77	11706	0.808	ug/l	98
22) cis-1,2-Dichloroethene	4.650	96	9135	0.870	ug/l	96
23) Diethyl Ether	2.370	59	6731	0.946	ug/l	# 90
24) tert-Butyl Alcohol	3.187	59	13232	14.036	ug/l	# 75
25) Methyl tert-Butyl Ether	3.357	73	22995	0.960	ug/l	93
26) Bromochloromethane	4.959	128	4129	0.973	ug/l	98
27) Chloroform	5.068	83	18199	0.928	ug/l	97
28) 1,1,1-Trichloroethane	5.293	97	13536	0.898	ug/l	99
29) 1,1-Dichloropropene	5.505	75	12515	0.894	ug/l	94
30) Carbon Tetrachloride	5.499	117	8804	0.794	ug/l	90
31) Isopropyl Ether	3.991	45	31956	0.973	ug/l	100
32) Ethyl-t-butyl ether	4.505	59	26714	0.953	ug/l	97
33) Tert-Amyl methyl ether	5.943	73	22998	0.963	ug/l	96
34) Propionitrile	4.775	54	4631	5.055	ug/l	# 85
35) Benzene	5.753	78	36834	0.914	ug/l	98
36) 1,2-Dichloroethane	5.782	62	12795	0.941	ug/l	100
37) Trichloroethene	6.525	130	8809	0.878	ug/l	97
38) 1,2-Dichloropropane	6.779	63	9096	0.852	ug/l	99
39) Methacrylonitrile	4.972	41	4229	0.978	ug/l	93
40) Methyl acrylate	4.849	55	5504	0.928	ug/l	# 94
41) Tetrahydrofuran	5.065	42	5061	2.245	ug/l	89
42) 1-Chlorobutane	5.435	56	18885	0.962	ug/l	99
43) Dibromomethane	6.907	93	4518	0.883	ug/l	97
44) Bromodichloromethane	7.094	83	8799	0.805	ug/l	95

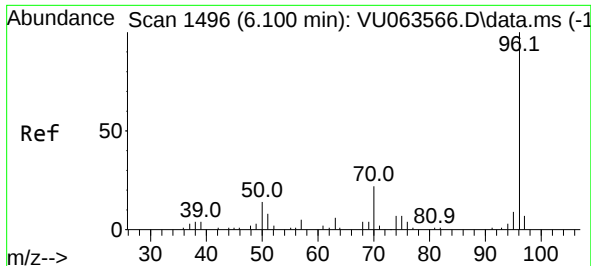
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Quant Time: Sep 17 03:32:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U091225DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Sep 17 03:28:19 2025
 Response via : Initial Calibration

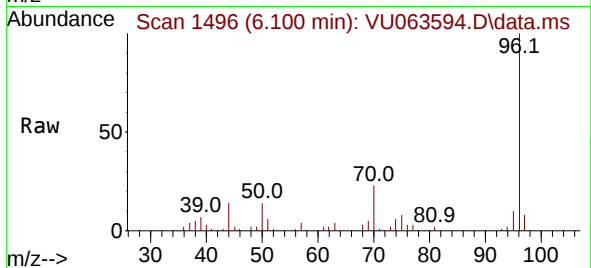
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.801	43	28492	4.444	ug/l	95
46) t-1,4-Dichloro-2-butene	10.817	75	7992	3.332	ug/l #	63
47) Methyl methacrylate	6.965	69	6785	1.482	ug/l #	82
48) Ethyl methacrylate	8.338	69	7099	0.836	ug/l	100
49) Toluene	7.962	92	18692	0.855	ug/l	100
50) t-1,3-Dichloropropene	8.203	75	5786	0.706	ug/l	92
51) cis-1,3-Dichloropropene	7.602	75	8108	0.744	ug/l #	89
52) 1,1,2-Trichloroethane	8.393	97	6774	0.935	ug/l	98
53) 1,3-Dichloropropane	8.569	76	11313	0.899	ug/l	99
54) 2-Hexanone	8.692	43	17960	3.834	ug/l	95
55) Dibromochloromethane	8.804	129	5336	0.760	ug/l	96
56) 1,2-Dibromoethane	8.920	107	5605	0.897	ug/l	95
58) Tetrachloroethene	8.541	164	8452	0.856	ug/l	99
59) Chlorobenzene	9.441	112	21565	0.856	ug/l	93
60) 1,1,1,2-Tetrachloroethane	9.528	131	6493	0.789	ug/l	96
61) Pentachloroethane	11.418	117	4628	0.784	ug/l	87
62) Hexachloroethane	12.466	117	3976	0.775	ug/l	88
63) Ethyl Benzene	9.563	91	35178	0.818	ug/l	98
64) m/p-Xylenes	9.688	106	26908	1.627	ug/l	97
65) o-Xylene	10.094	106	13280	0.802	ug/l	97
66) Styrene	10.110	104	21337	0.808	ug/l	98
67) Bromoform	10.283	173	2469	0.706	ug/l #	96
69) Isopropylbenzene	10.476	105	33426	0.832	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.775	83	8134	0.882	ug/l #	95
71) 1,2,3-Trichloropropane	10.817	75	7992	1.168	ug/l #	83
72) Bromobenzene	10.775	156	8492	0.815	ug/l	96
73) n-propylbenzene	10.901	120	9442	0.813	ug/l	100
74) 2-Chlorotoluene	10.978	126	8716	0.830	ug/l	97
75) 1,3,5-Trimethylbenzene	11.081	105	29469	0.784	ug/l	100
76) 4-Chlorotoluene	11.097	126	8907	0.810	ug/l	96
77) tert-Butylbenzene	11.412	119	29720	0.818	ug/l	96
78) 1,2,4-Trimethylbenzene	11.460	105	29424	0.805	ug/l	97
79) sec-Butylbenzene	11.637	105	39519	0.803	ug/l	98
80) Nitrobenzene	13.225	77	609	4.808	ug/l #	42
81) p-Isopropyltoluene	11.785	119	32231	0.814	ug/l	100
82) 1,3-Dichlorobenzene	11.740	146	17527	0.836	ug/l	98
83) 1,4-Dichlorobenzene	11.833	146	17405	0.808	ug/l	99
84) n-Butylbenzene	12.203	91	29258	0.788	ug/l	100
85) 1,2-Dichlorobenzene	12.206	146	17304	0.855	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.994	75	790	0.664	ug/l	96
87) 1,2,4-Trichlorobenzene	13.839	180	9753	0.796	ug/l	98
88) Hexachlorobutadiene	14.013	225	6466	0.848	ug/l	99
89) Naphthalene	14.087	128	17684	0.817	ug/l	99
90) 1,2,3-Trichlorobenzene	14.325	180	9512	0.818	ug/l	99

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

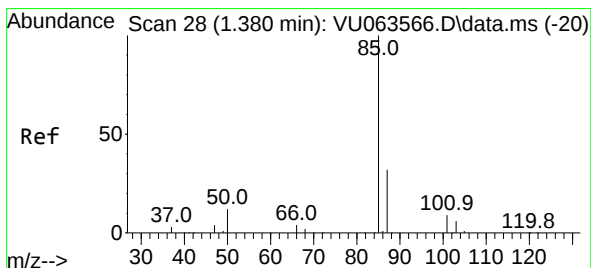
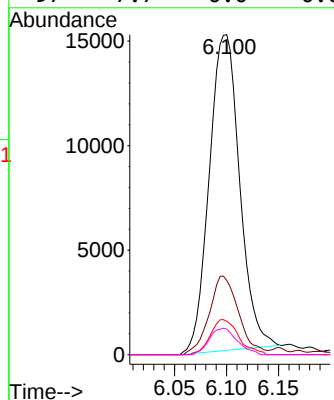
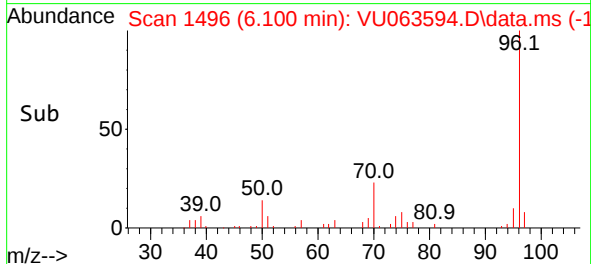


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.100 min Scan# 1496
Delta R.T. 0.000 min
Lab File: VU063594.D
Acq: 16 Sep 2025 14:41

Instrument :
MSVOA_U
ClientSampleId :

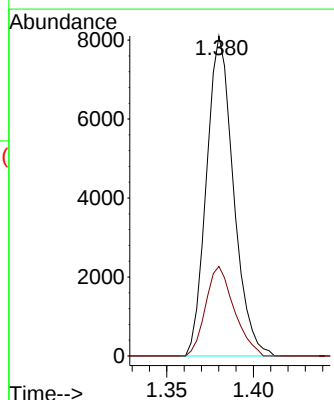
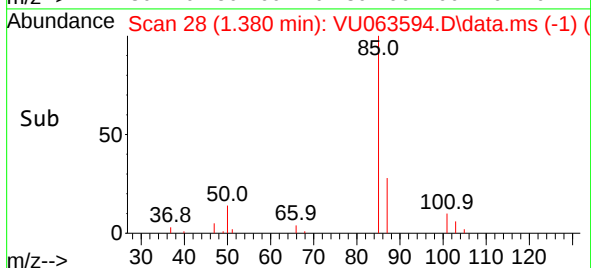
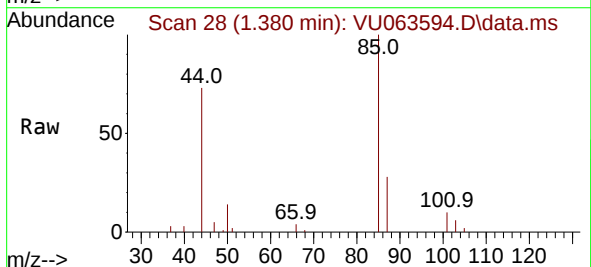


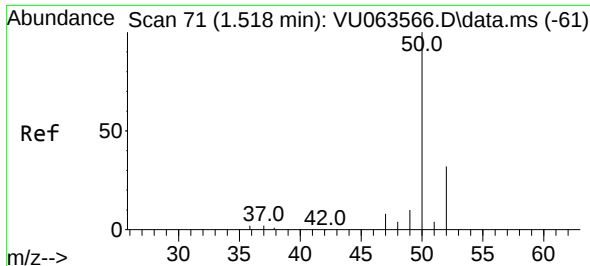
Tgt Ion: 96	Resp: 30794
Ion Ratio	Lower Upper
96 100	
70 22.5	15.5 23.3
95 10.4	7.7 11.5
97 7.7	0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 0.865 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU063594.D
Acq: 16 Sep 2025 14:41

Tgt Ion: 85	Resp: 8788		
Ion Ratio	Lower	Upper	
85 100			
87 28.0	16.1	48.2	

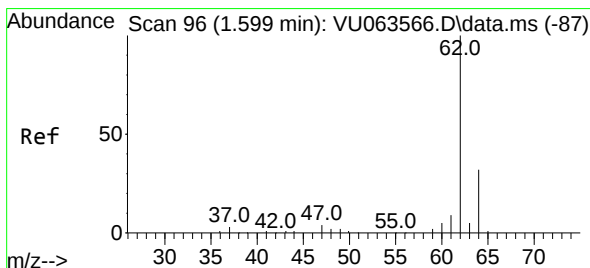
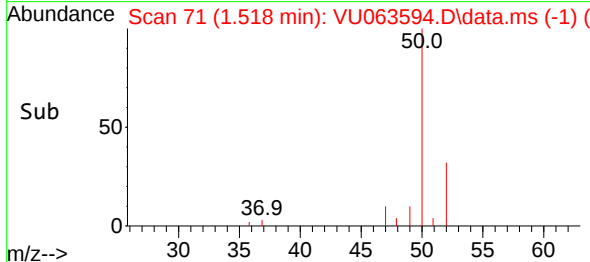
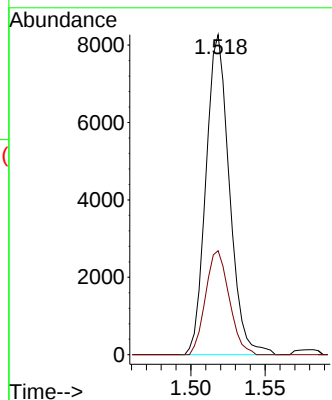
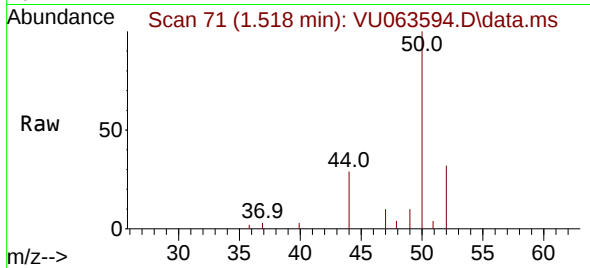




#3
Chloromethane
Concen: 0.912 ug/l
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU063594.D
Acq: 16 Sep 2025 14:41

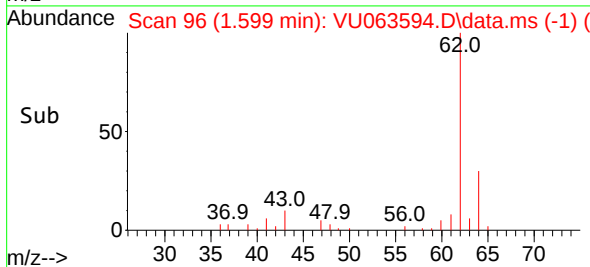
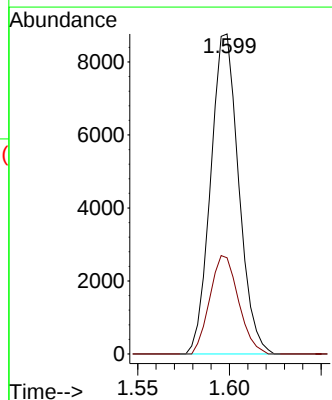
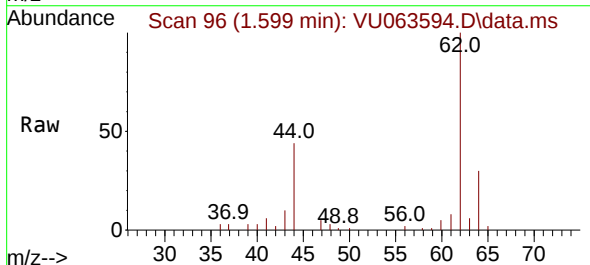
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ClientSampleId :

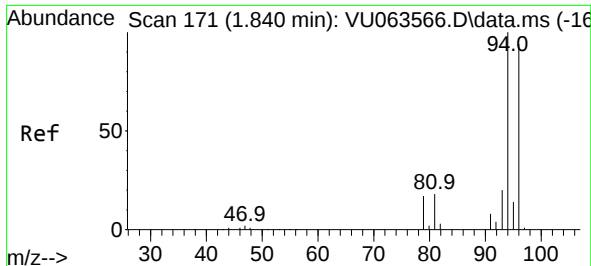
Tgt Ion: 50 Resp: 9075
Ion Ratio Lower Upper
50 100
52 32.5 25.6 38.4



#4
Vinyl Chloride
Concen: 0.862 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063594.D
Acq: 16 Sep 2025 14:41

Tgt Ion: 62 Resp: 9297
Ion Ratio Lower Upper
62 100
64 30.1 25.5 38.3

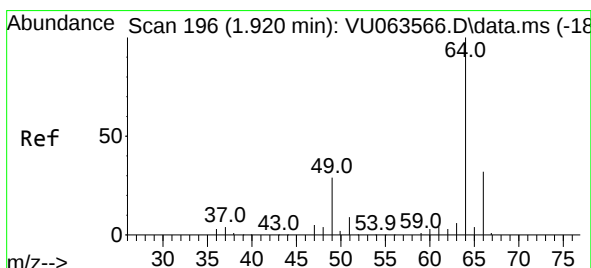
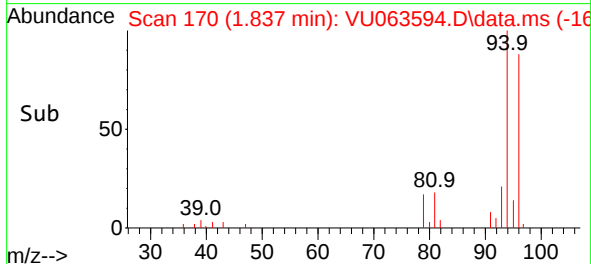
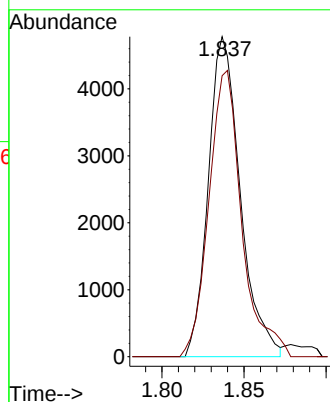
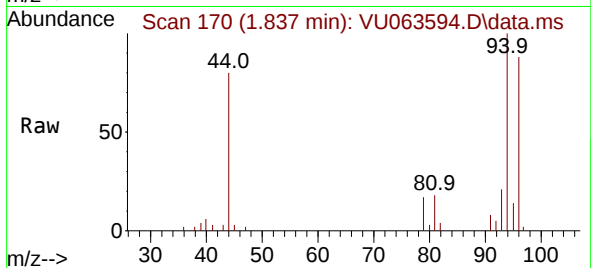




#5
Bromomethane
Concen: 0.971 ug/l
RT: 1.837 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU063594.D
Acq: 16 Sep 2025 14:41

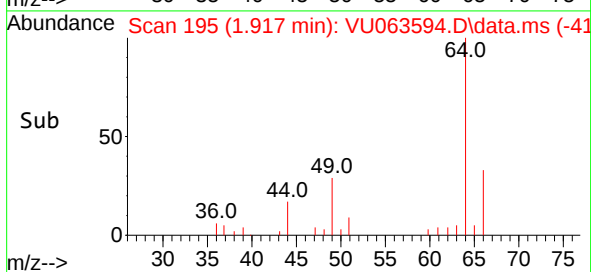
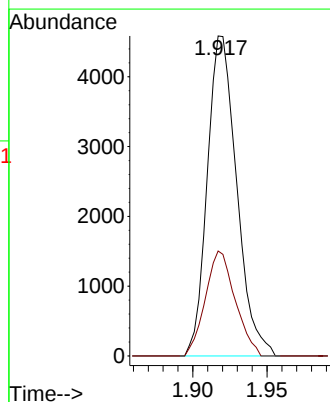
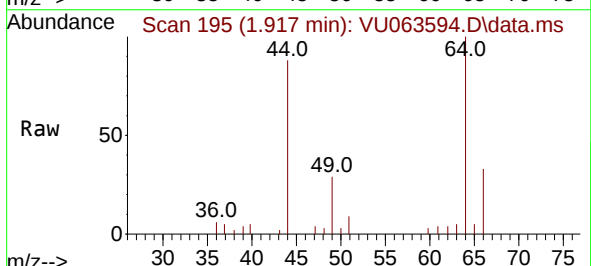
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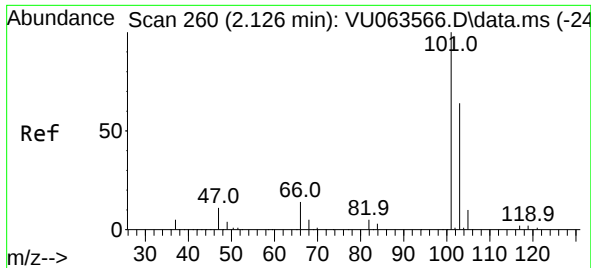
Tgt Ion: 94 Resp: 6466
Ion Ratio Lower Upper
94 100
96 87.8 75.1 112.7



#6
Chloroethane
Concen: 0.910 ug/l
RT: 1.917 min Scan# 195
Delta R.T. -0.003 min
Lab File: VU063594.D
Acq: 16 Sep 2025 14:41

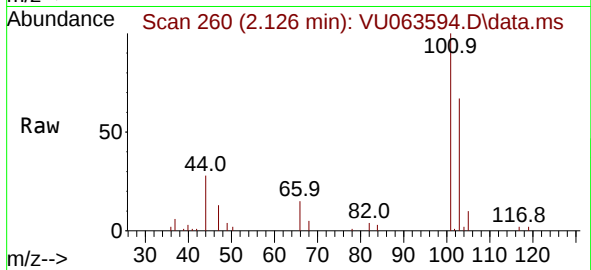
Tgt Ion: 64 Resp: 6311
Ion Ratio Lower Upper
64 100
66 32.8 25.4 38.0



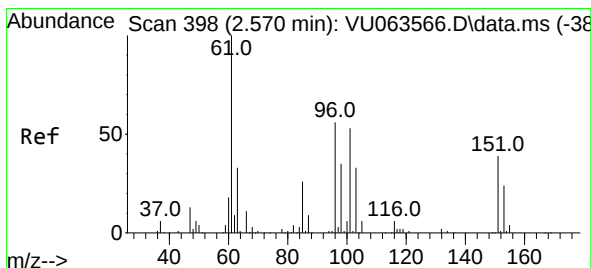
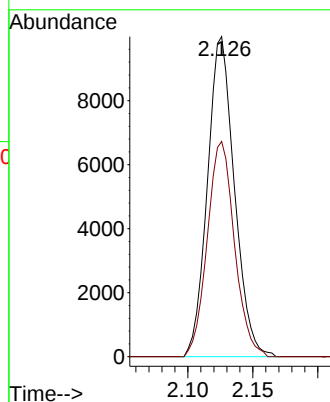
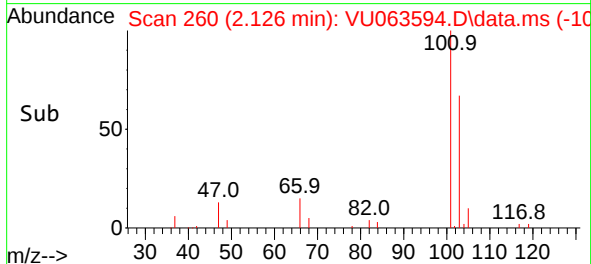


#7
 Trichlorofluoromethane
 Concen: 0.913 ug/l
 RT: 2.126 min Scan# 210
 Delta R.T. -0.000 min
 Lab File: VU063594.D
 Acq: 16 Sep 2025 14:41

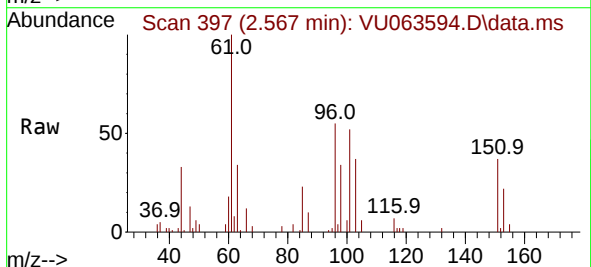
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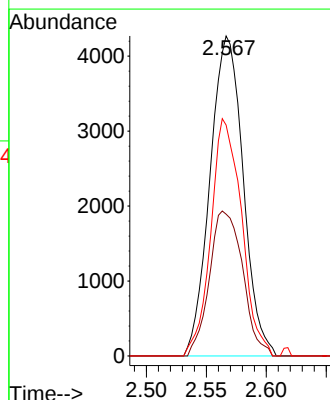
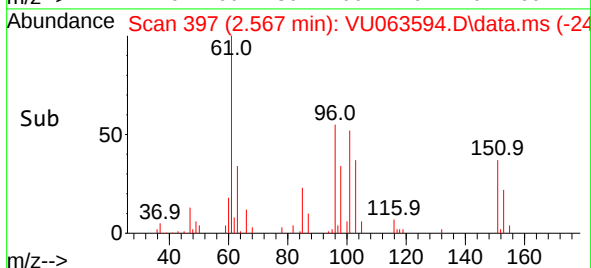
Tgt Ion:101 Resp: 14442
 Ion Ratio Lower Upper
 101 100
 103 67.3 50.8 76.2

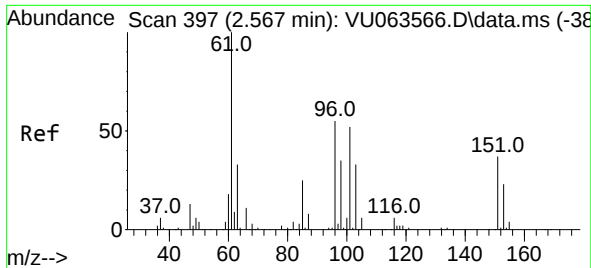


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.925 ug/l
 RT: 2.567 min Scan# 397
 Delta R.T. -0.003 min
 Lab File: VU063594.D
 Acq: 16 Sep 2025 14:41



Tgt Ion:101 Resp: 8198
 Ion Ratio Lower Upper
 101 100
 85 45.5 38.7 58.1
 151 68.8 58.2 87.2

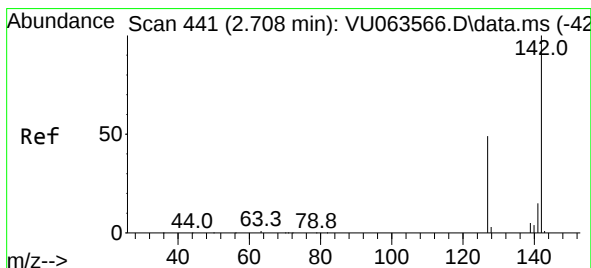
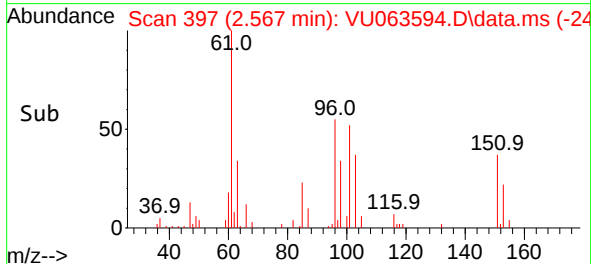
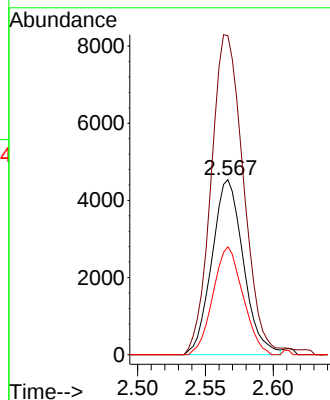
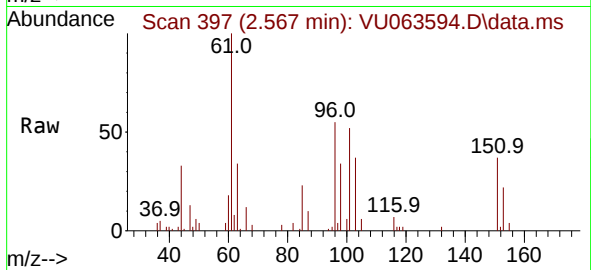




#9
1,1-Dichloroethene
Concen: 0.913 ug/l
RT: 2.567 min Scan# 397
Delta R.T. -0.000 min
Lab File: VU063594.D
Acq: 16 Sep 2025 14:41

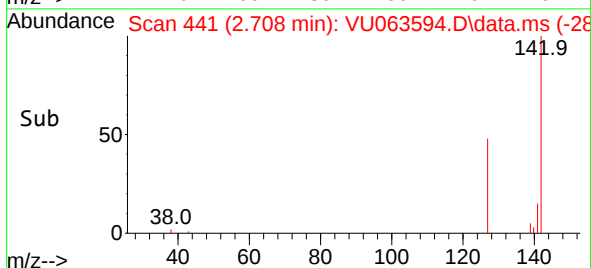
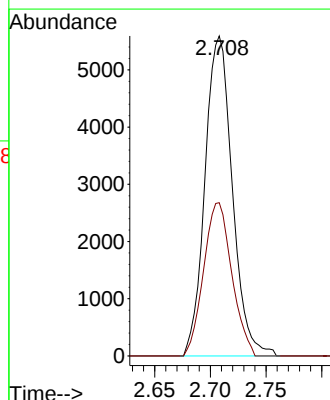
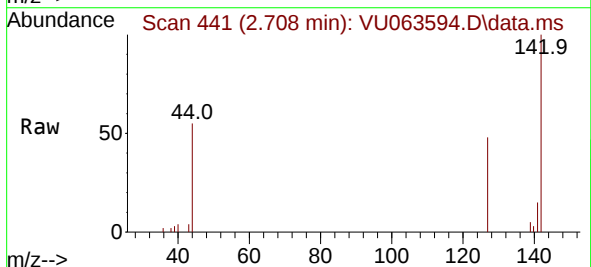
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MSVOA_U
ClientSampleId :

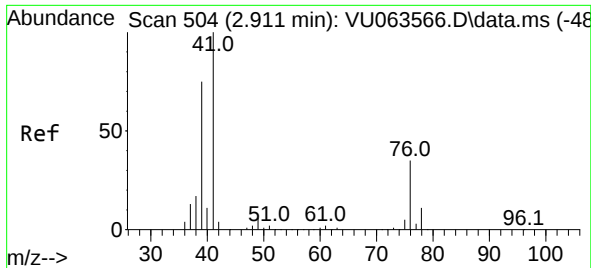
Tgt Ion: 96 Resp: 7325
Ion Ratio Lower Upper
96 100
61 182.2 0.0 543.9
98 61.6 0.0 125.8



#10
Iodomethane
Concen: 0.827 ug/l
RT: 2.708 min Scan# 441
Delta R.T. -0.000 min
Lab File: VU063594.D
Acq: 16 Sep 2025 14:41

Tgt Ion: 142 Resp: 9548
Ion Ratio Lower Upper
142 100
127 49.2 38.6 58.0

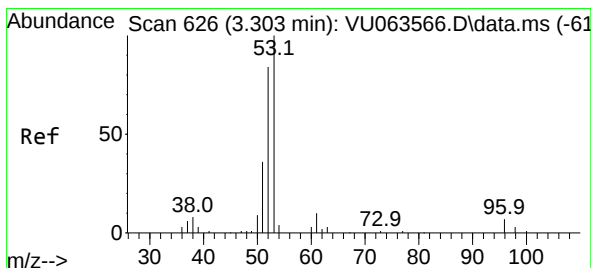
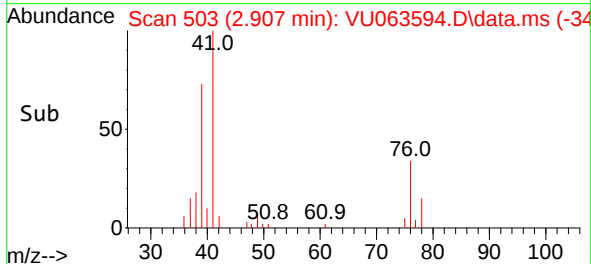
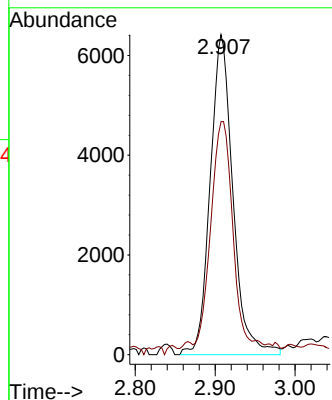
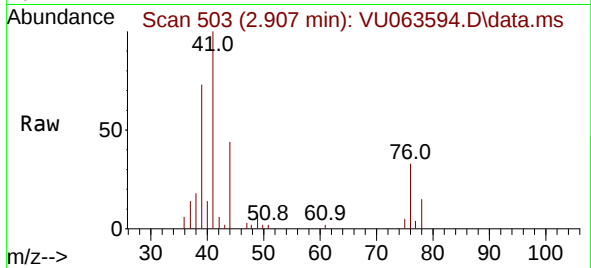




#11
 Allyl Chloride
 Concen: 0.949 ug/l
 RT: 2.907 min Scan# 504
 Delta R.T. -0.003 min
 Lab File: VU063594.D
 Acq: 16 Sep 2025 14:41

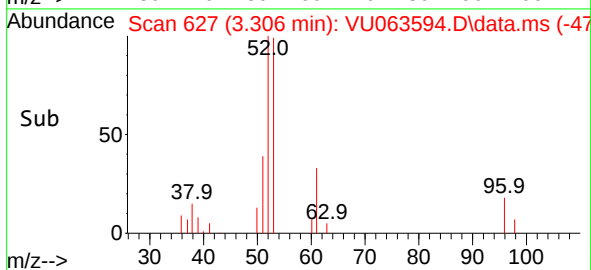
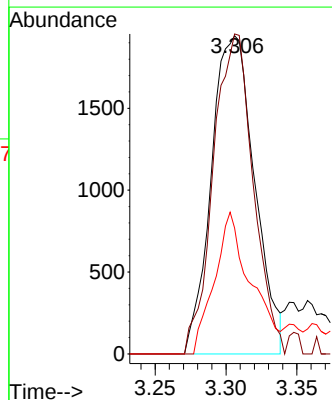
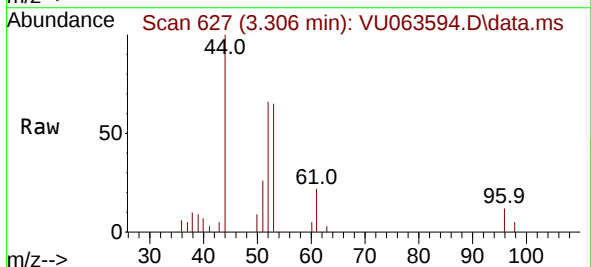
Instrument :
 MSVOA_U
 ClientSampleId :

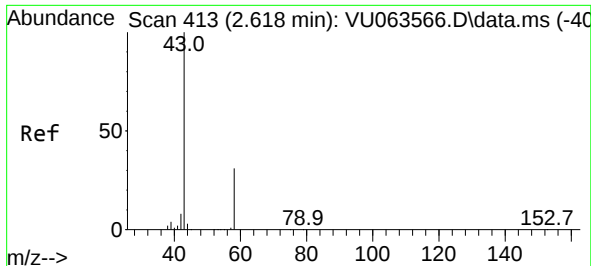
Tgt Ion: 41 Resp: 12662
 Ion Ratio Lower Upper
 41 100
 39 64.7 61.2 91.8



#12
 Acrylonitrile
 Concen: 1.700 ug/l
 RT: 3.306 min Scan# 627
 Delta R.T. 0.003 min
 Lab File: VU063594.D
 Acq: 16 Sep 2025 14:41

Tgt Ion: 53 Resp: 4130
 Ion Ratio Lower Upper
 53 100
 52 92.5 65.0 97.4
 51 37.7 31.2 46.8





#13

Acetone

Concen: 3.187 ug/l

RT: 2.618 min Scan# 41

Delta R.T. -0.000 min

Lab File: VU063594.D

Acq: 16 Sep 2025 14:41

Instrument :

MSVOA_U

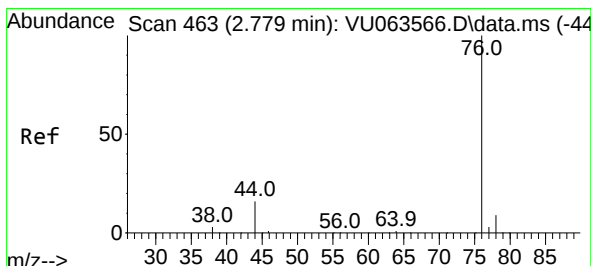
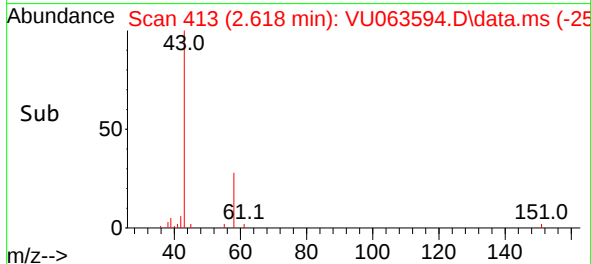
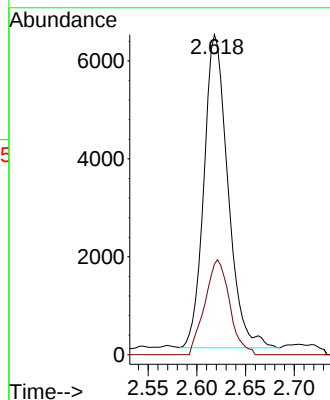
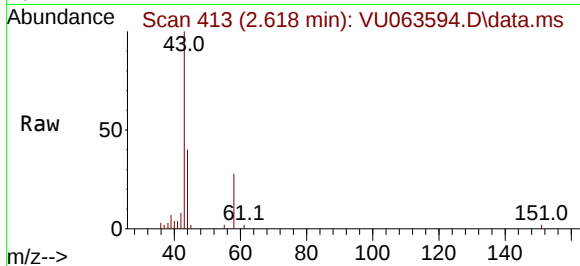
ClientSampleId :

Tgt Ion: 43 Resp: 10959

Ion Ratio Lower Upper

43 100

58 28.9 24.7 37.1



#14

Carbon Disulfide

Concen: 0.780 ug/l

RT: 2.776 min Scan# 462

Delta R.T. -0.003 min

Lab File: VU063594.D

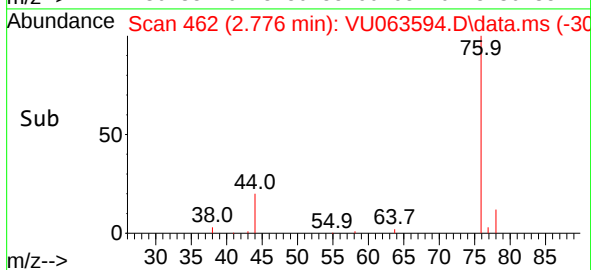
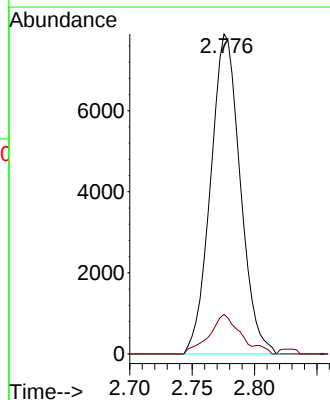
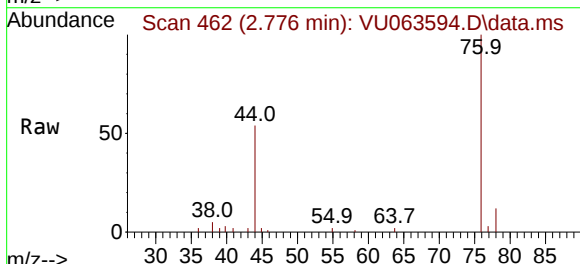
Acq: 16 Sep 2025 14:41

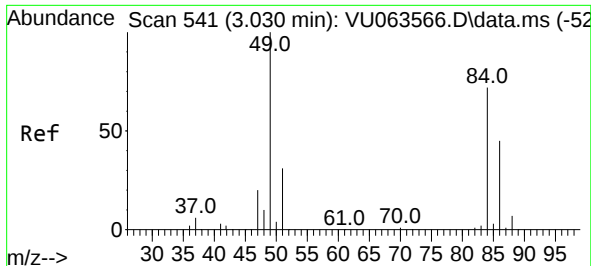
Tgt Ion: 76 Resp: 13075

Ion Ratio Lower Upper

76 100

78 12.3 7.3 10.9#

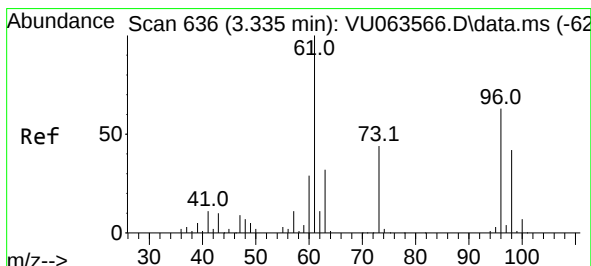
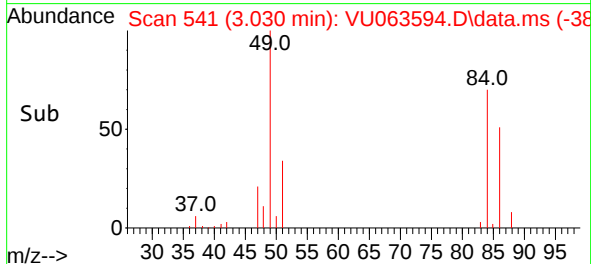
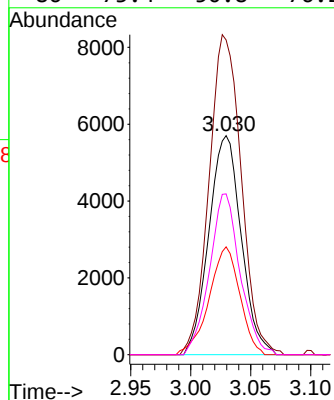
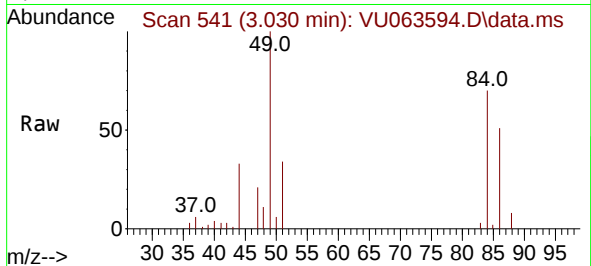




#15
Methylene Chloride
Concen: 1.006 ug/l
RT: 3.030 min Scan# 541
Delta R.T. -0.000 min
Lab File: VU063594.D
Acq: 16 Sep 2025 14:41

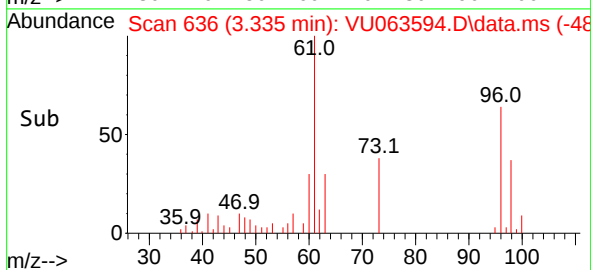
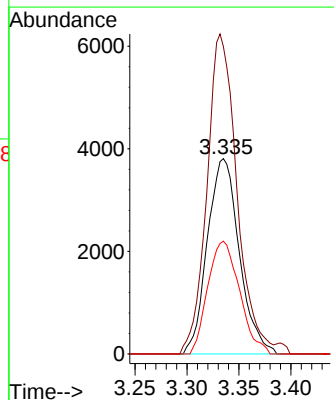
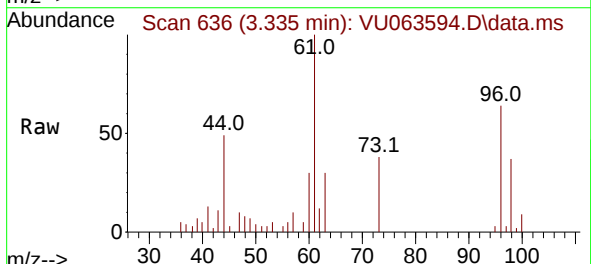
Instrument :
MSVOA_U
ClientSampleId :

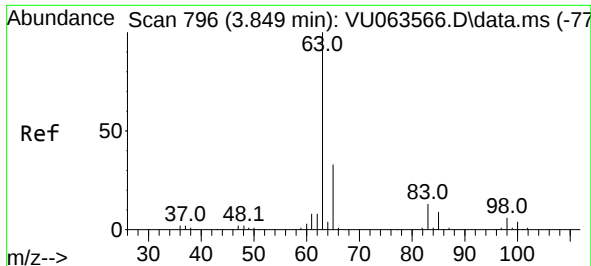
Tgt Ion:	84	Resp:	10668
Ion	Ratio	Lower	Upper
84	100		
49	143.7	111.8	167.6
51	49.2	0.0	86.0
86	73.4	50.8	76.2



#16
trans-1,2-Dichloroethene
Concen: 0.952 ug/l
RT: 3.335 min Scan# 636
Delta R.T. -0.000 min
Lab File: VU063594.D
Acq: 16 Sep 2025 14:41

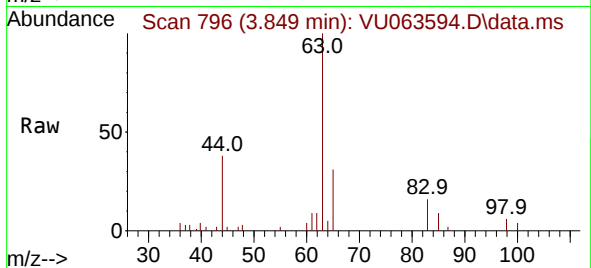
Tgt Ion:	96	Resp:	8139
Ion	Ratio	Lower	Upper
96	100		
61	157.4	127.8	191.6
98	57.7	53.8	80.8



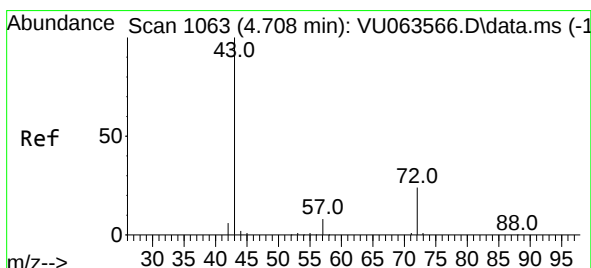
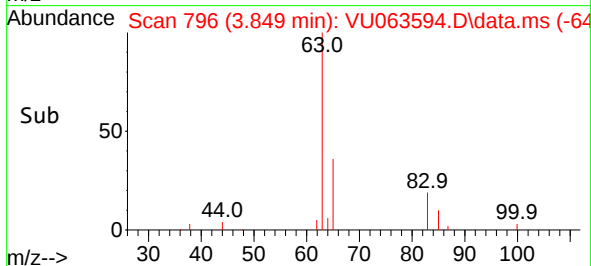
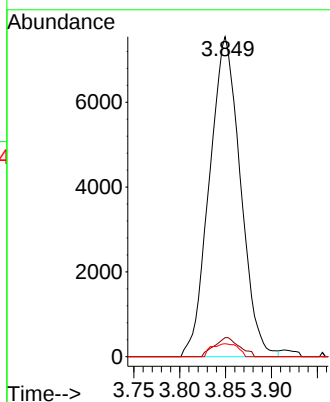


#17
 1,1-Dichloroethane
 Concen: 0.906 ug/l
 RT: 3.849 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: VU063594.D
 Acq: 16 Sep 2025 14:41

Instrument :
 MSVOA_U
 ClientSampleId :

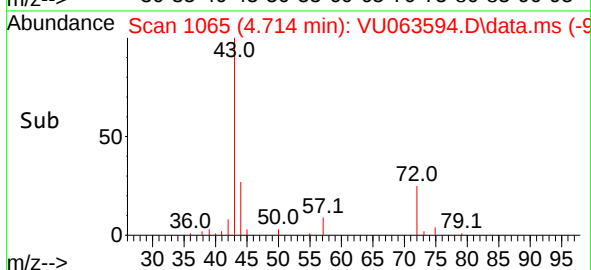
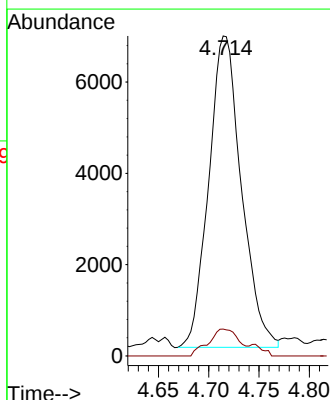
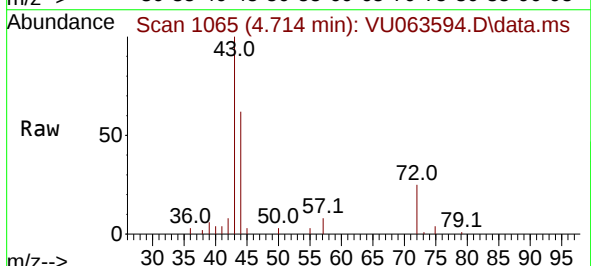


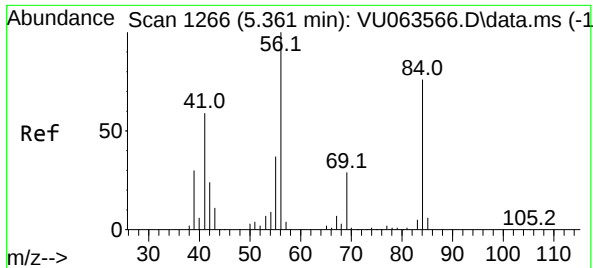
Tgt Ion	Ratio	Lower	Upper
63	100		
98	5.9	2.9	8.8
100	4.1	2.0	5.8



#18
 2-Butanone
 Concen: 3.932 ug/l
 RT: 4.714 min Scan# 1065
 Delta R.T. 0.006 min
 Lab File: VU063594.D
 Acq: 16 Sep 2025 14:41

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.6	0.0	15.8

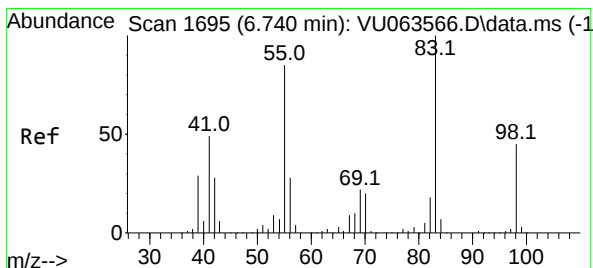
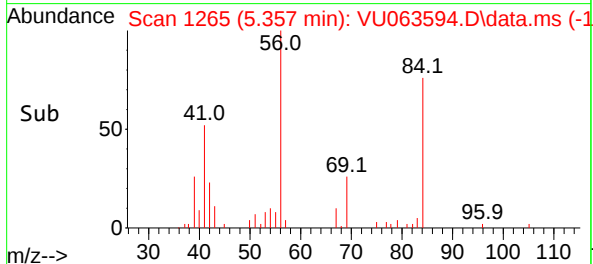
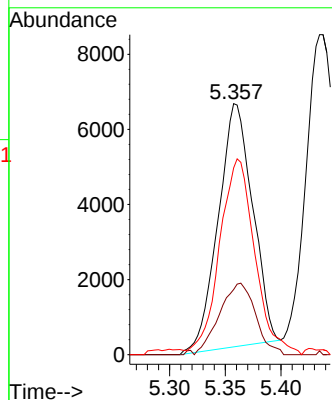
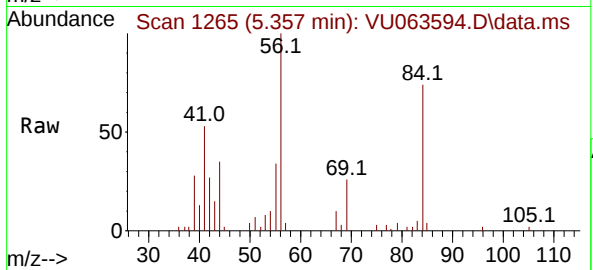




#19
Cyclohexane
Concen: 0.887 ug/l
RT: 5.357 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU063594.D
Acq: 16 Sep 2025 14:41

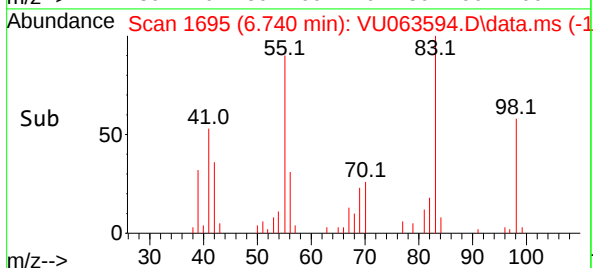
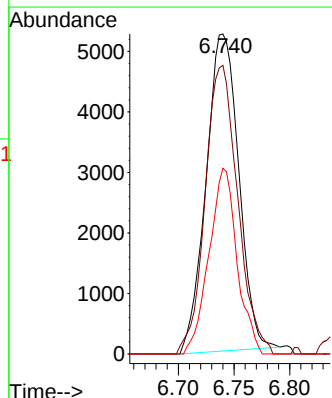
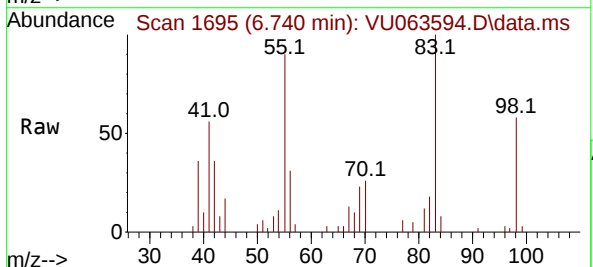
Instrument :
MSVOA_U
ClientSampleId :

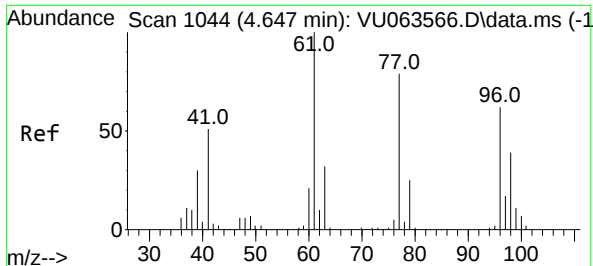
Tgt Ion: 56 Resp: 13911
Ion Ratio Lower Upper
56 100
69 30.7 22.7 34.1
84 80.0 59.4 89.0



#20
Methylcyclohexane
Concen: 0.744 ug/l
RT: 6.740 min Scan# 1695
Delta R.T. -0.000 min
Lab File: VU063594.D
Acq: 16 Sep 2025 14:41

Tgt Ion: 83 Resp: 10702
Ion Ratio Lower Upper
83 100
55 90.6 66.7 100.1
98 50.2 35.9 53.9





#21

2,2-Dichloropropane

Concen: 0.808 ug/l

RT: 4.647 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VU063594.D

Acq: 16 Sep 2025 14:41

Instrument :

MSVOA_U

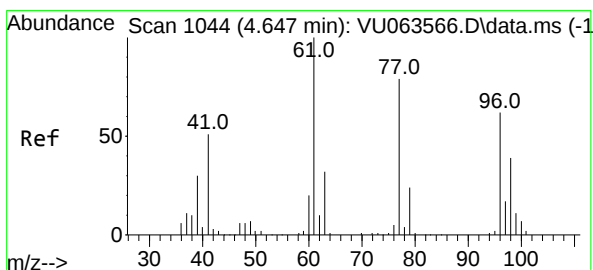
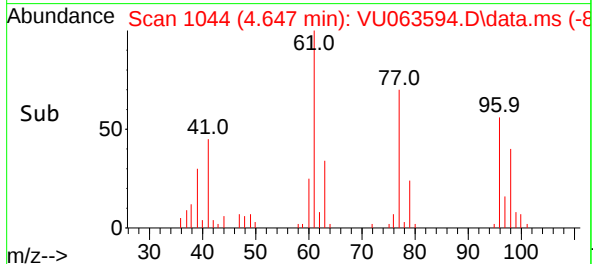
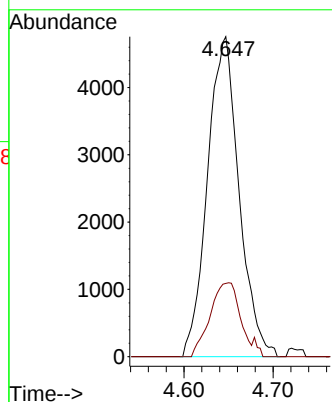
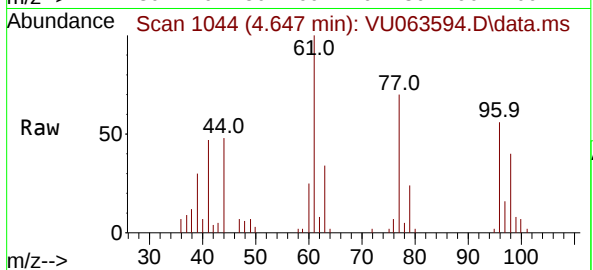
ClientSampleId :

Tgt Ion: 77 Resp: 11706

Ion Ratio Lower Upper

77 100

97 22.6 17.5 26.3



#22

cis-1,2-Dichloroethene

Concen: 0.870 ug/l

RT: 4.650 min Scan# 1045

Delta R.T. 0.003 min

Lab File: VU063594.D

Acq: 16 Sep 2025 14:41

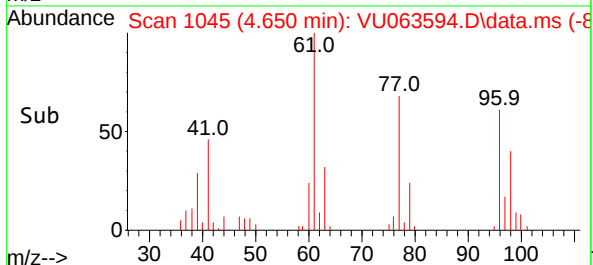
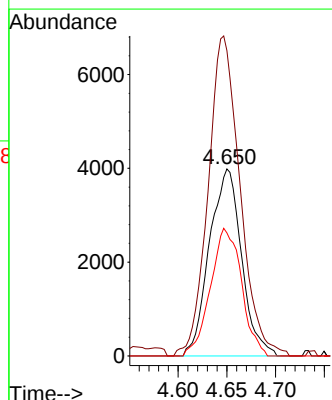
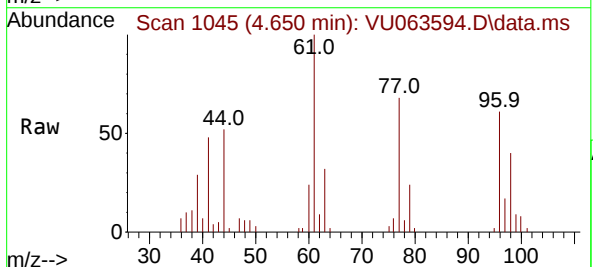
Tgt Ion: 96 Resp: 9135

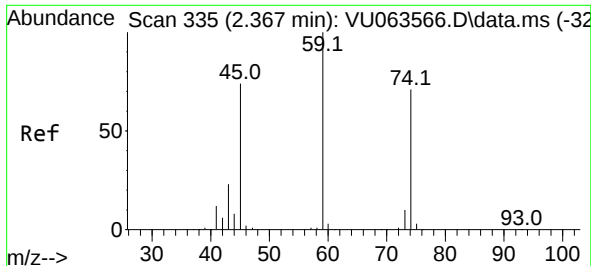
Ion Ratio Lower Upper

96 100

61 170.0 0.0 411.0

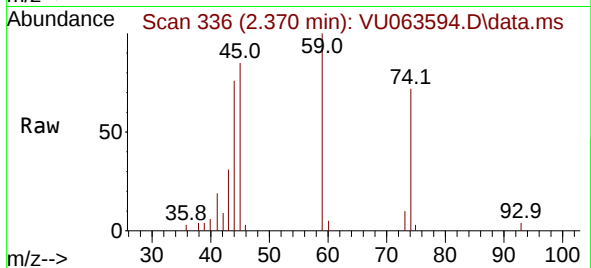
98 66.1 31.9 95.9



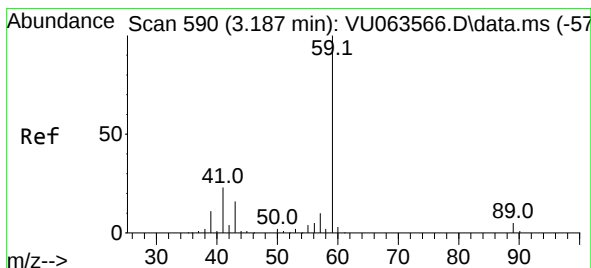
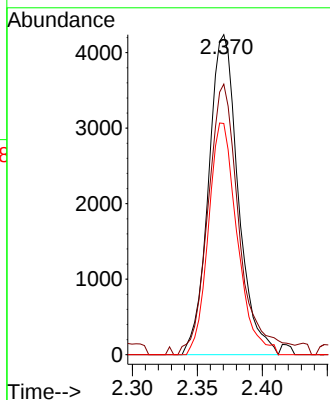
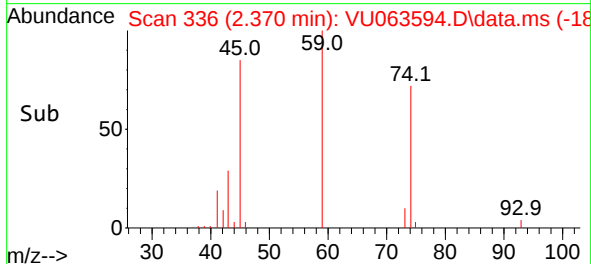


#23
Diethyl Ether
Concen: 0.946 ug/l
RT: 2.370 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063594.D
Acq: 16 Sep 2025 14:41

Instrument :
MSVOA_U
ClientSampleId :

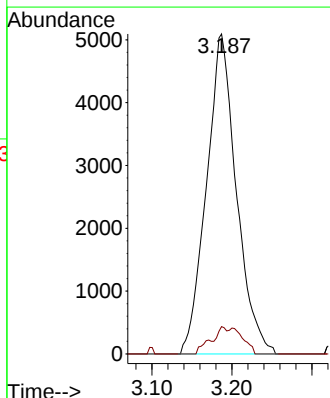
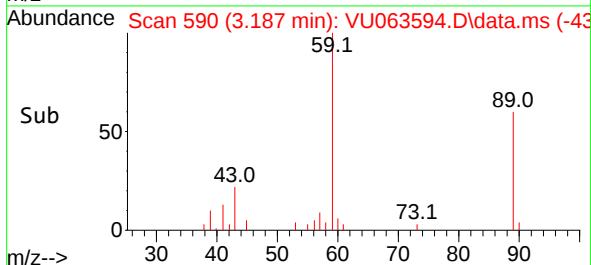
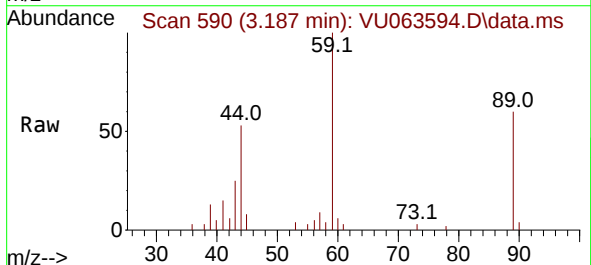


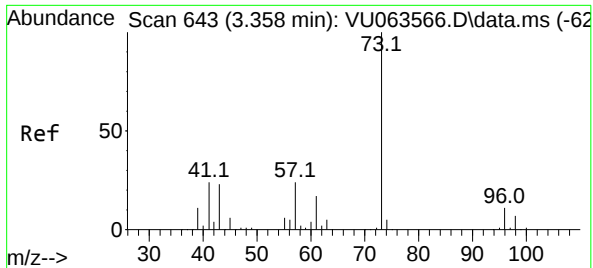
Tgt Ion: 59 Resp: 6731
Ion Ratio Lower Upper
59 100
45 89.1 59.0 88.6#
74 70.1 57.8 86.6



#24
tert-Butyl Alcohol
Concen: 14.036 ug/l
RT: 3.187 min Scan# 590
Delta R.T. -0.000 min
Lab File: VU063594.D
Acq: 16 Sep 2025 14:41

Tgt Ion: 59 Resp: 13232
Ion Ratio Lower Upper
59 100
57 1.2 8.6 12.8#

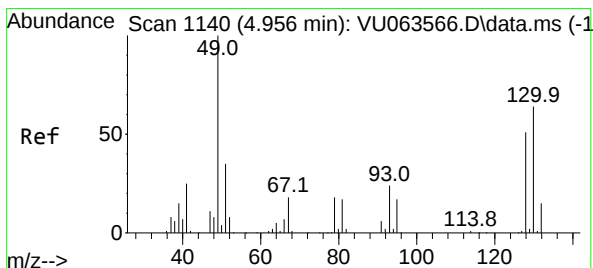
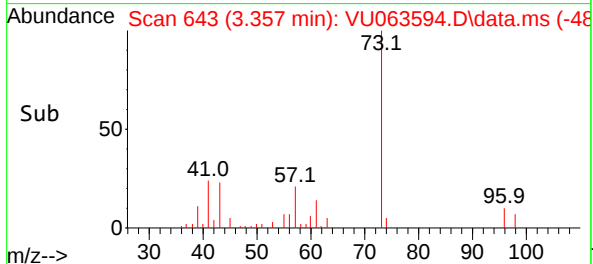
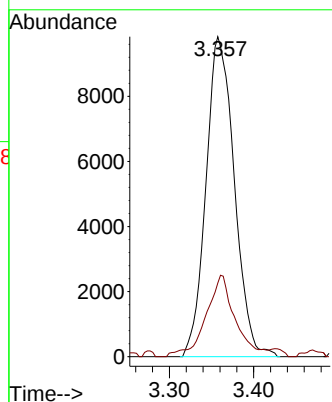
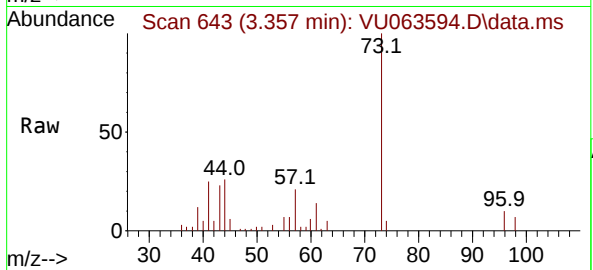




#25
Methyl tert-Butyl Ether
Concen: 0.960 ug/l
RT: 3.357 min Scan# 64
Delta R.T. -0.000 min
Lab File: VU063594.D
Acq: 16 Sep 2025 14:41

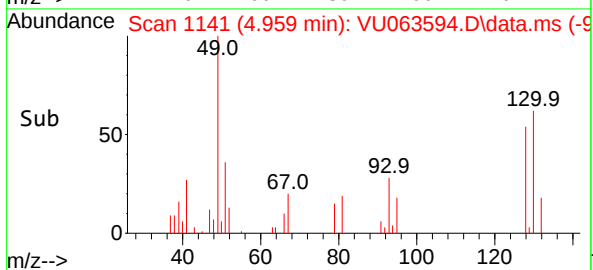
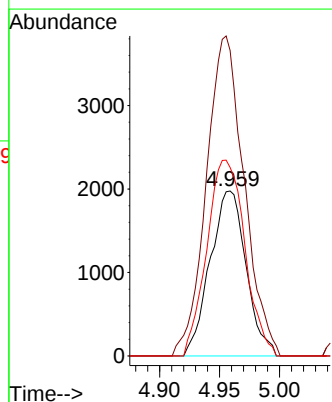
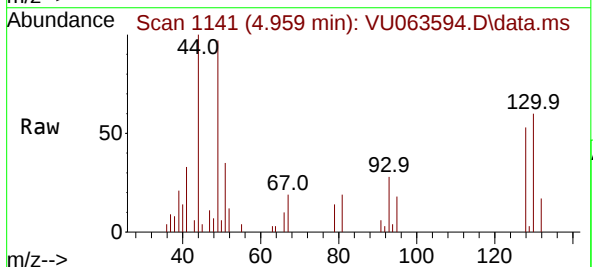
Instrument :
MSVOA_U
ClientSampleId :

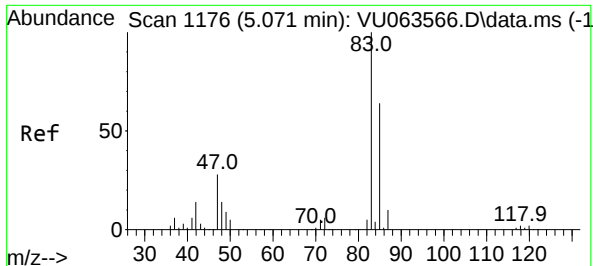
Tgt Ion: 73 Resp: 22995
Ion Ratio Lower Upper
73 100
43 26.0 18.1 27.1



#26
Bromochloromethane
Concen: 0.973 ug/l
RT: 4.959 min Scan# 1141
Delta R.T. 0.003 min
Lab File: VU063594.D
Acq: 16 Sep 2025 14:41

Tgt Ion:128 Resp: 4129
Ion Ratio Lower Upper
128 100
49 203.3 0.0 410.2
130 125.4 103.4 155.0





#27

Chloroform

Concen: 0.928 ug/l

RT: 5.068 min Scan# 1175

Delta R.T. -0.003 min

Lab File: VU063594.D

Acq: 16 Sep 2025 14:41

Instrument :

MSVOA_U

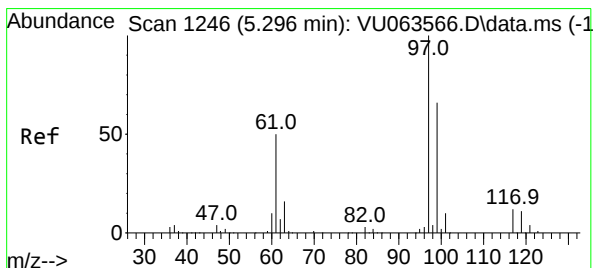
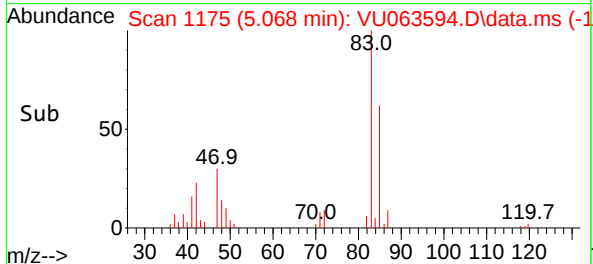
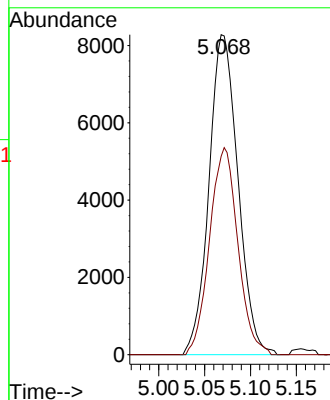
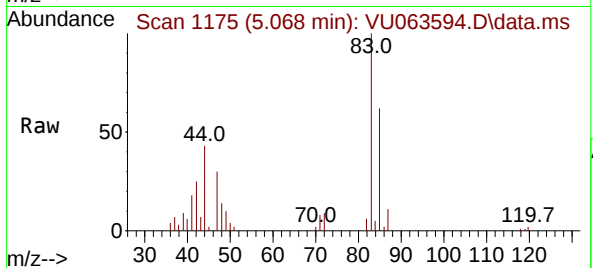
ClientSampleId :

Tgt Ion: 83 Resp: 18199

Ion Ratio Lower Upper

83 100

85 62.0 0.0 128.6



#28

1,1,1-Trichloroethane

Concen: 0.898 ug/l

RT: 5.293 min Scan# 1245

Delta R.T. -0.003 min

Lab File: VU063594.D

Acq: 16 Sep 2025 14:41

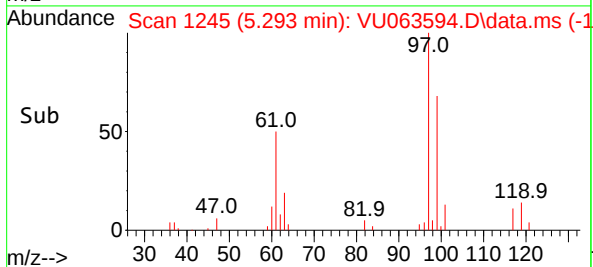
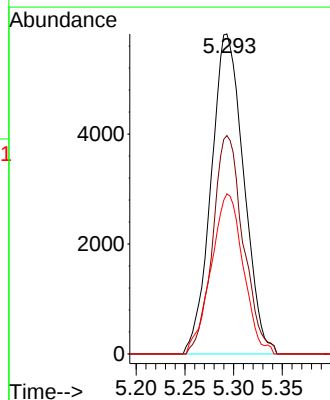
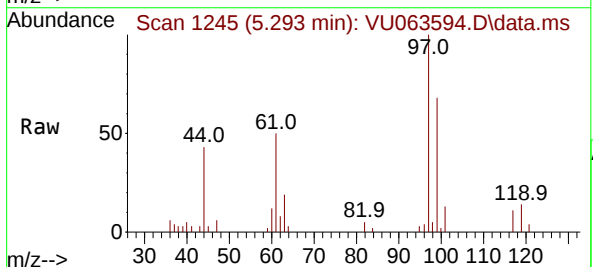
Tgt Ion: 97 Resp: 13536

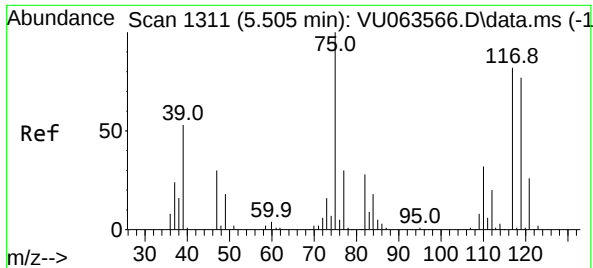
Ion Ratio Lower Upper

97 100

99 64.3 32.4 97.0

61 49.3 25.1 75.4

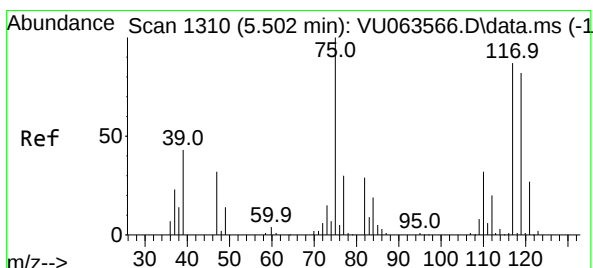
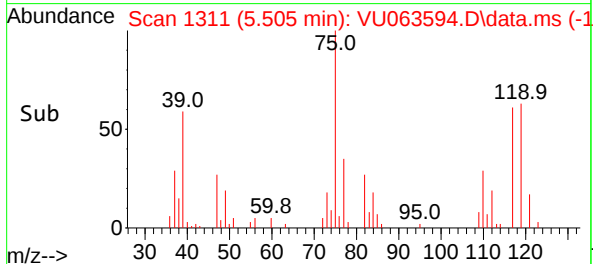
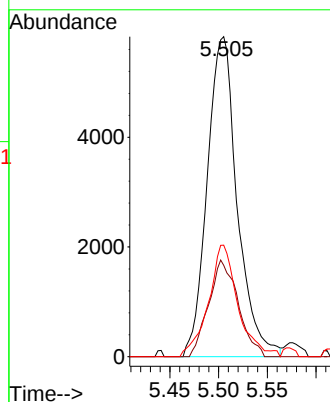
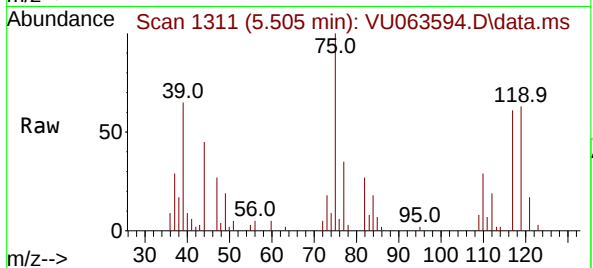




#29
1,1-Dichloropropene
Concen: 0.894 ug/l
RT: 5.505 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU063594.D
Acq: 16 Sep 2025 14:41

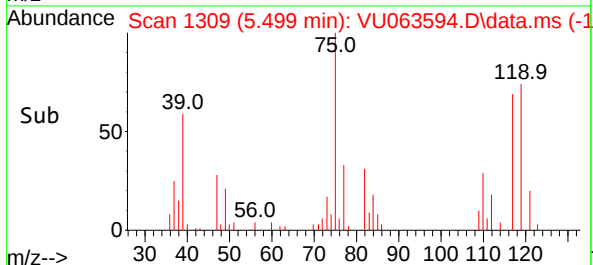
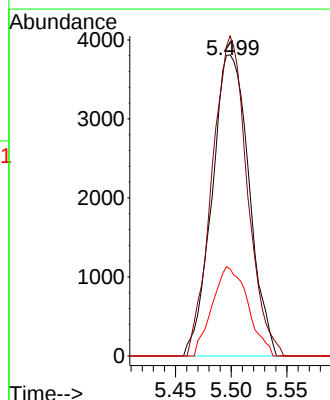
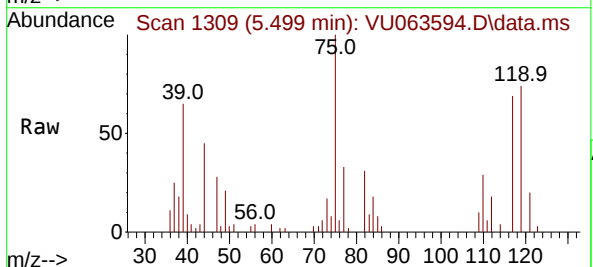
Instrument :
MSVOA_U
ClientSampleId :

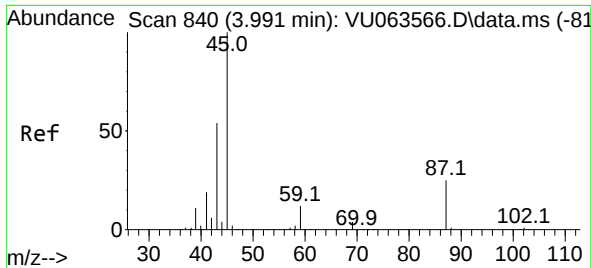
Tgt Ion: 75 Resp: 12515
Ion Ratio Lower Upper
75 100
110 29.6 16.4 49.4
77 34.2 24.6 37.0



#30
Carbon Tetrachloride
Concen: 0.794 ug/l
RT: 5.499 min Scan# 1309
Delta R.T. -0.003 min
Lab File: VU063594.D
Acq: 16 Sep 2025 14:41

Tgt Ion: 117 Resp: 8804
Ion Ratio Lower Upper
117 100
119 106.3 75.7 113.5
121 28.9 25.4 38.0

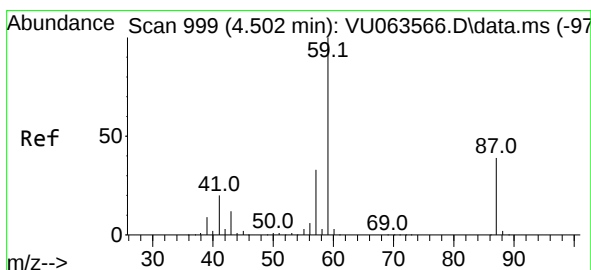
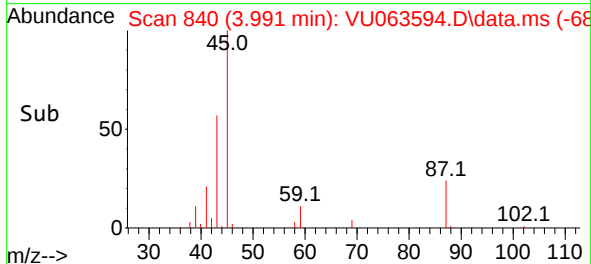
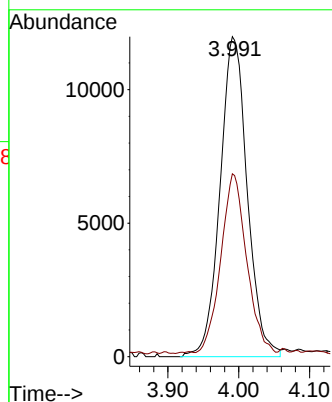
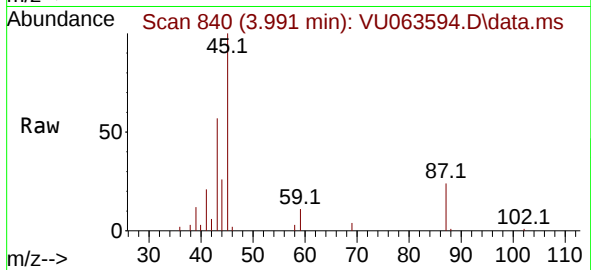




#31
Isopropyl Ether
Concen: 0.973 ug/l
RT: 3.991 min Scan# 840
Delta R.T. -0.000 min
Lab File: VU063594.D
Acq: 16 Sep 2025 14:41

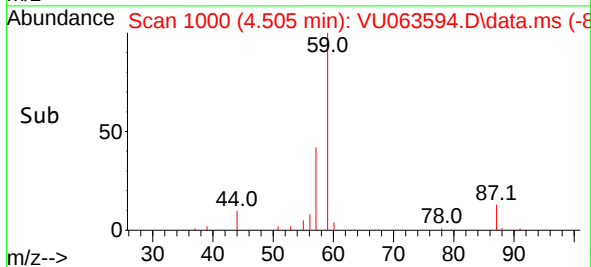
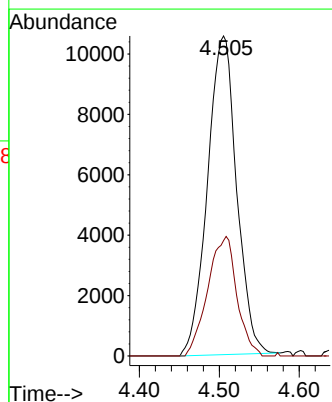
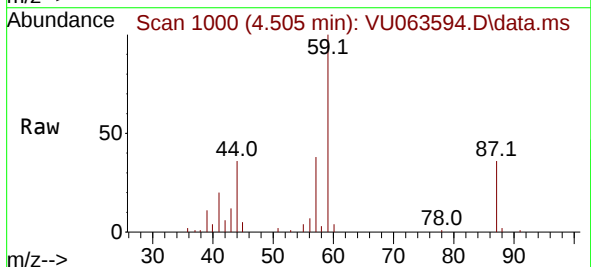
Instrument :
MSVOA_U
ClientSampleId :

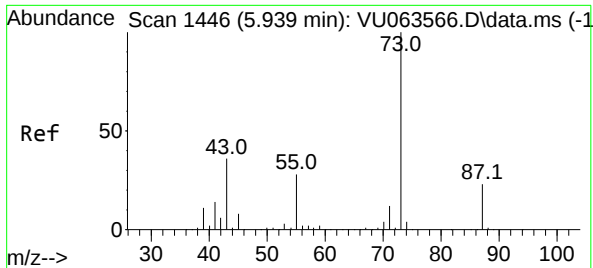
Tgt Ion: 45 Resp: 31956
Ion Ratio Lower Upper
45 100
43 52.7 26.2 78.6



#32
Ethyl-t-butyl ether
Concen: 0.953 ug/l
RT: 4.505 min Scan# 1000
Delta R.T. 0.003 min
Lab File: VU063594.D
Acq: 16 Sep 2025 14:41

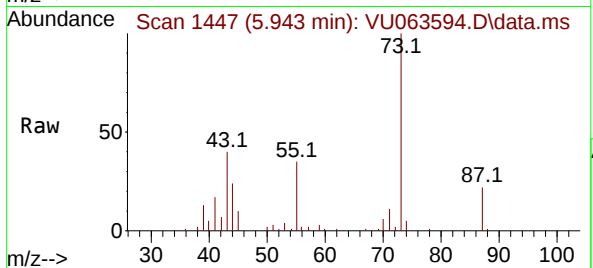
Tgt Ion: 59 Resp: 26714
Ion Ratio Lower Upper
59 100
87 37.4 31.2 46.8



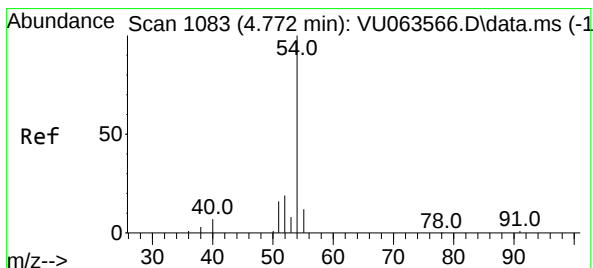
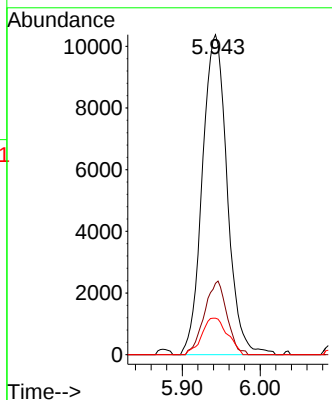
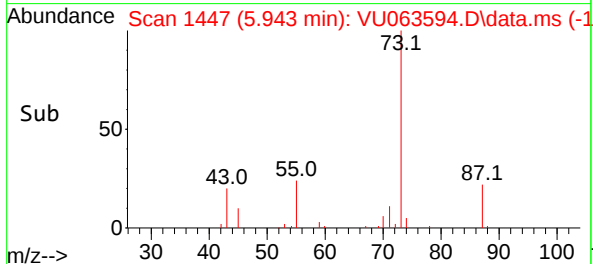


#33
Tert-Amyl methyl ether
Concen: 0.963 ug/l
RT: 5.943 min Scan# 1446
Delta R.T. 0.003 min
Lab File: VU063594.D
Acq: 16 Sep 2025 14:41

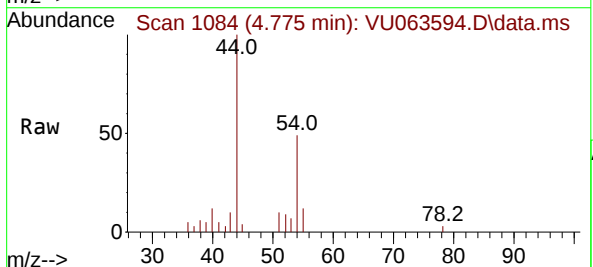
Instrument :
MSVOA_U
ClientSampleId :



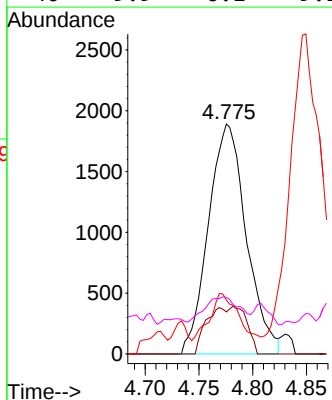
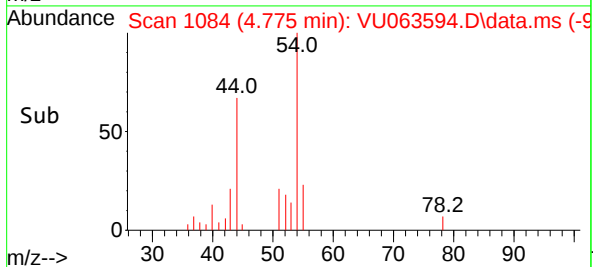
Tgt Ion: 73 Resp: 22998
Ion Ratio Lower Upper
73 100
87 20.9 19.0 28.6
71 11.8 9.4 14.2

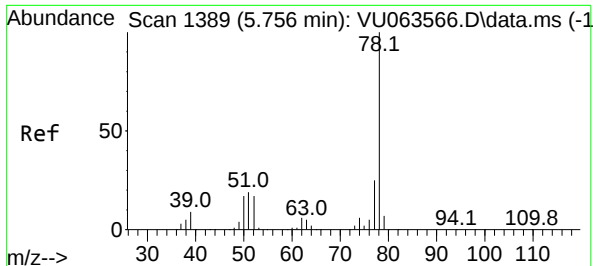


#34
Propionitrile
Concen: 5.055 ug/l
RT: 4.775 min Scan# 1084
Delta R.T. 0.003 min
Lab File: VU063594.D
Acq: 16 Sep 2025 14:41



Tgt Ion: 54 Resp: 4631
Ion Ratio Lower Upper
54 100
52 11.2 15.2 22.8#
55 21.3 11.7 17.5#
40 9.9 6.1 9.1#

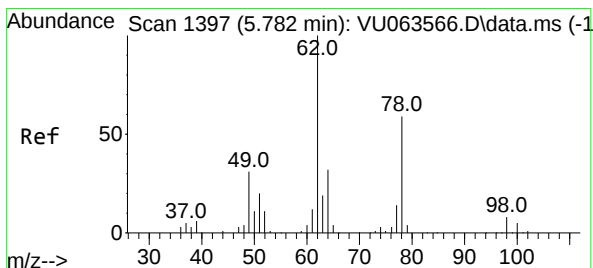
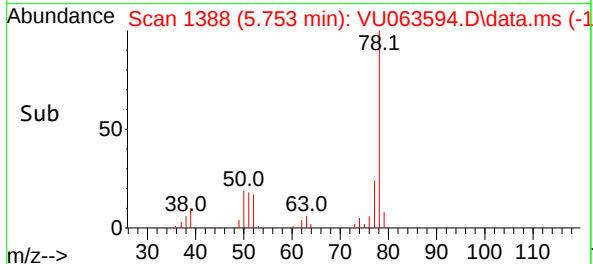
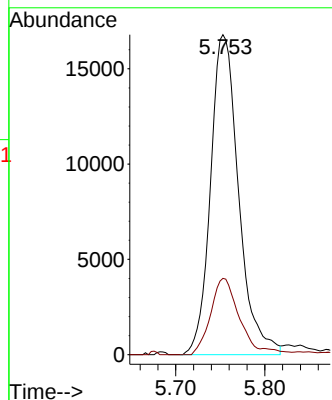
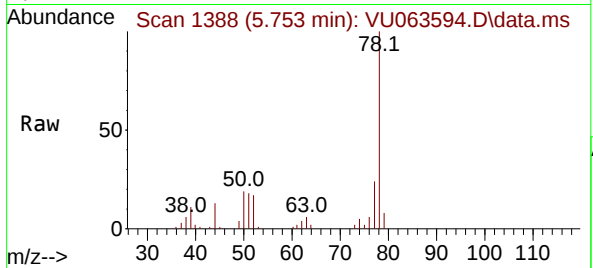




#35
Benzene
Concen: 0.914 ug/l
RT: 5.753 min Scan# 1388
Delta R.T. -0.003 min
Lab File: VU063594.D
Acq: 16 Sep 2025 14:41

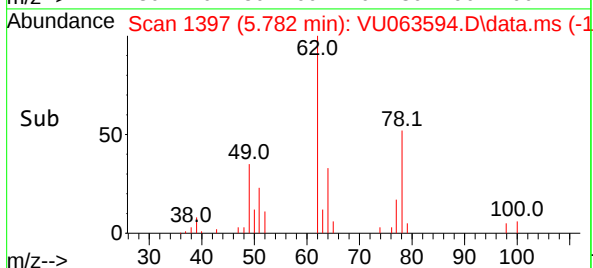
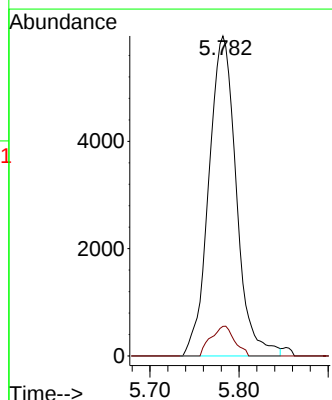
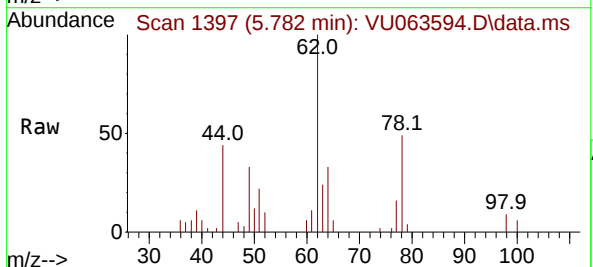
Instrument :
MSVOA_U
ClientSampleId :

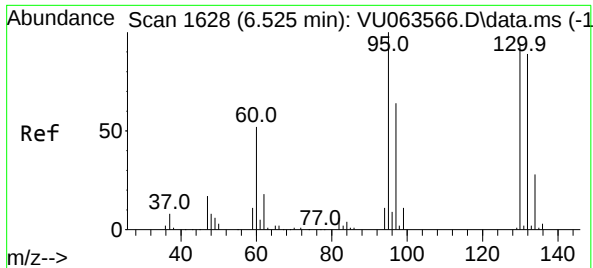
Tgt Ion: 78 Resp: 36834
Ion Ratio Lower Upper
78 100
77 23.9 19.8 29.8



#36
1,2-Dichloroethane
Concen: 0.941 ug/l
RT: 5.782 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VU063594.D
Acq: 16 Sep 2025 14:41

Tgt Ion: 62 Resp: 12795
Ion Ratio Lower Upper
62 100
98 8.0 6.3 9.5

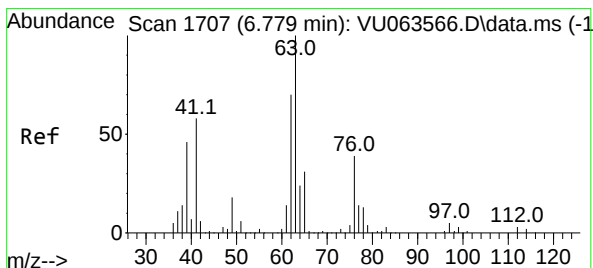
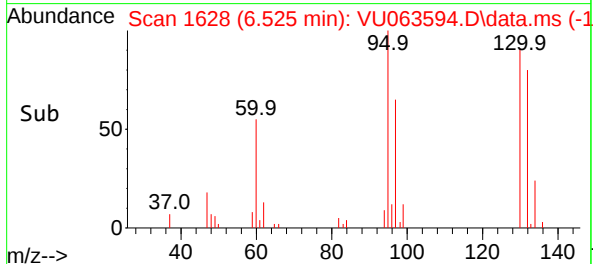
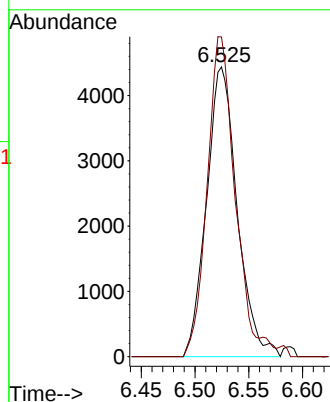
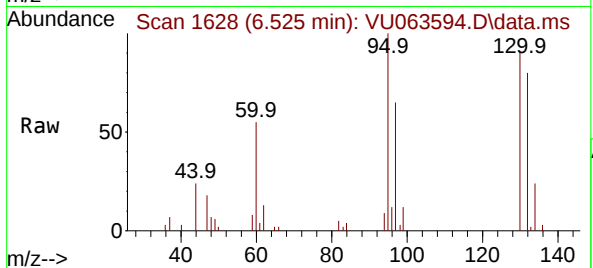




#37
Trichloroethene
Concen: 0.878 ug/l
RT: 6.525 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU063594.D
Acq: 16 Sep 2025 14:41

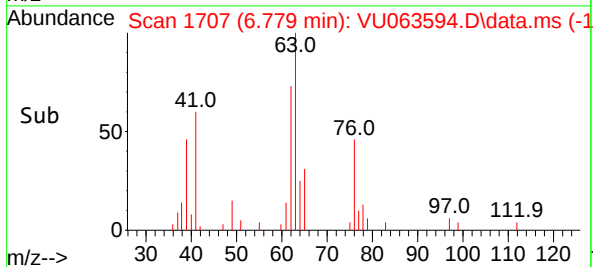
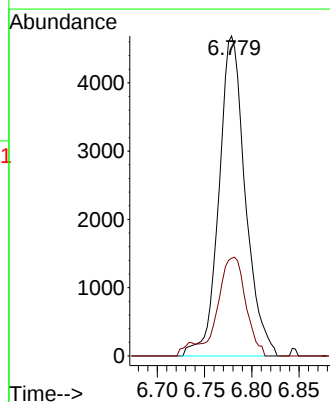
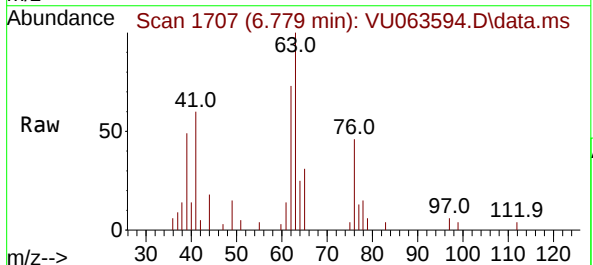
Instrument :
MSVOA_U
ClientSampleId :

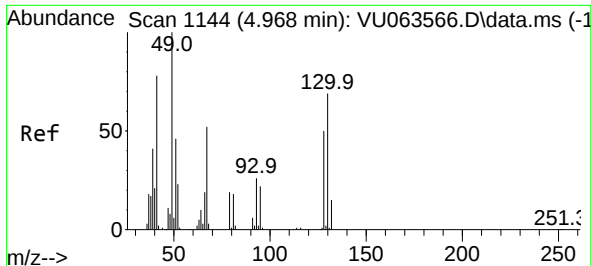
Tgt Ion:130 Resp: 8809
Ion Ratio Lower Upper
130 100
95 110.3 85.4 128.2



#38
1,2-Dichloropropane
Concen: 0.852 ug/l
RT: 6.779 min Scan# 1707
Delta R.T. -0.000 min
Lab File: VU063594.D
Acq: 16 Sep 2025 14:41

Tgt Ion: 63 Resp: 9096
Ion Ratio Lower Upper
63 100
65 30.6 24.9 37.3





#39

Methacrylonitrile

Concen: 0.978 ug/l

RT: 4.972 min Scan# 1145

Delta R.T. 0.003 min

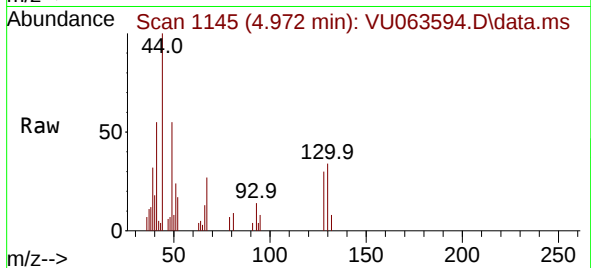
Lab File: VU063594.D

Acq: 16 Sep 2025 14:41

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 41 Resp: 4229

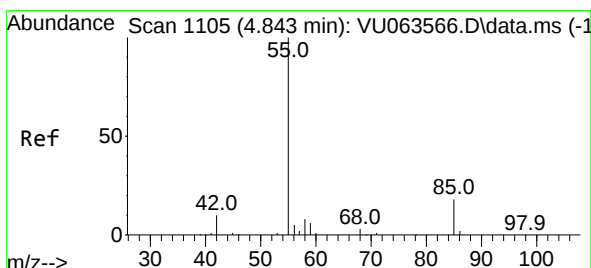
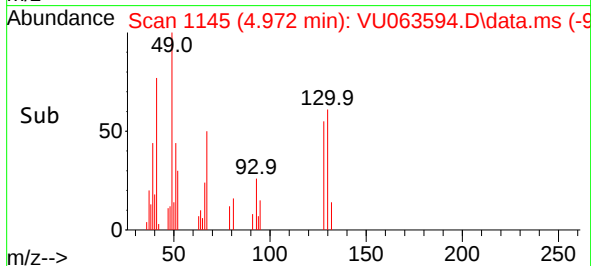
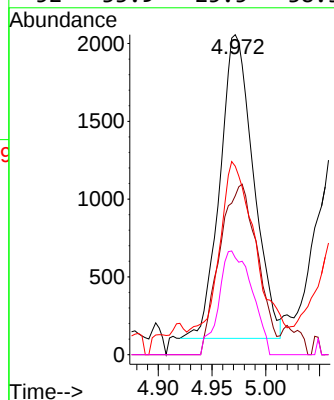
Ion Ratio Lower Upper

41 100

67 63.6 57.7 86.5

39 52.7 44.6 67.0

52 33.9 25.5 38.3



#40

Methyl acrylate

Concen: 0.928 ug/l

RT: 4.849 min Scan# 1107

Delta R.T. 0.006 min

Lab File: VU063594.D

Acq: 16 Sep 2025 14:41

Tgt Ion: 55 Resp: 5504

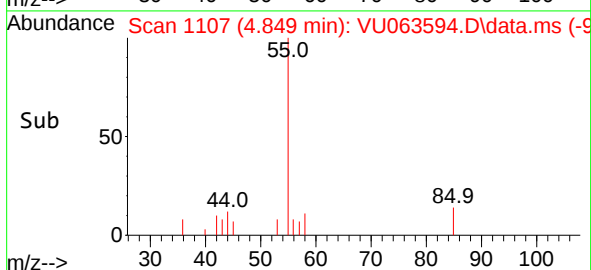
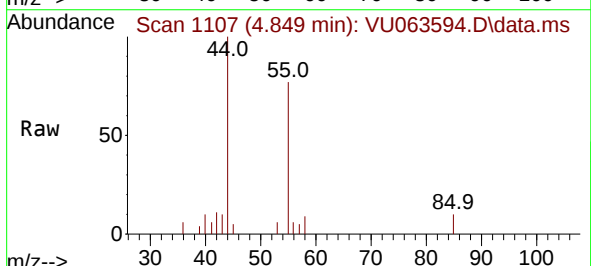
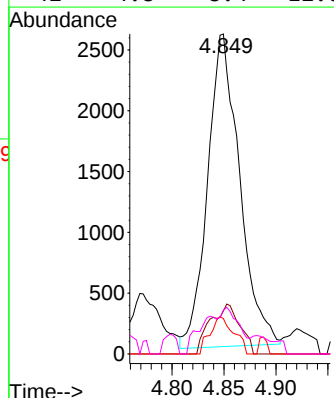
Ion Ratio Lower Upper

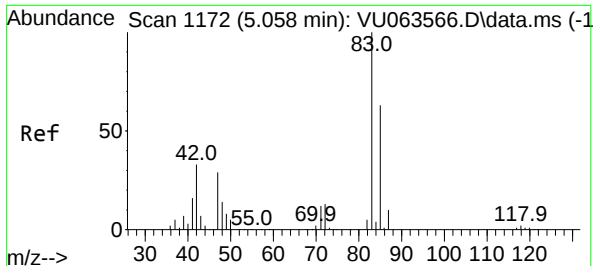
55 100

85 14.7 12.8 19.2

58 8.9 6.6 10.0

42 4.8 8.4 12.6#





#41

Tetrahydrofuran

Concen: 2.245 ug/l

RT: 5.065 min Scan# 1172

Delta R.T. 0.006 min

Lab File: VU063594.D

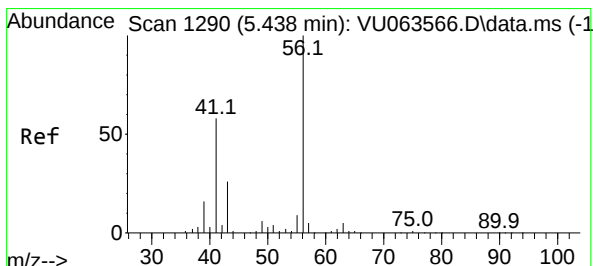
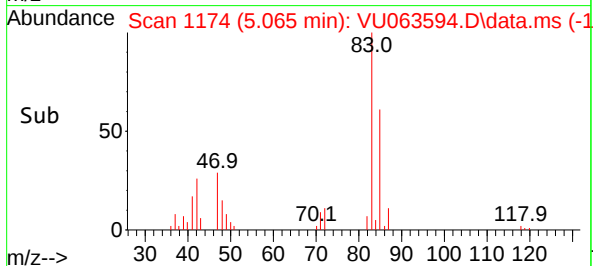
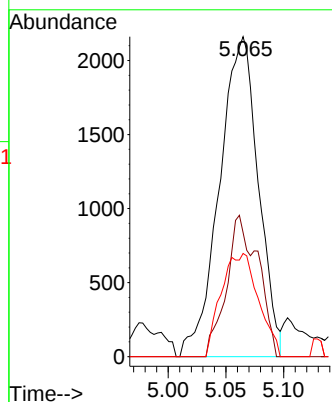
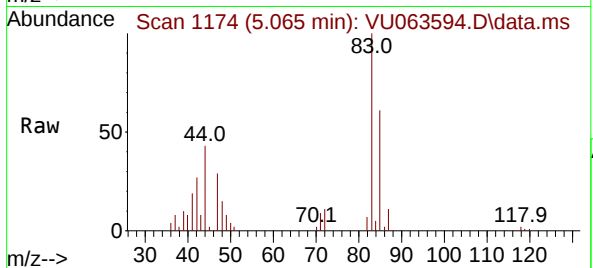
Acq: 16 Sep 2025 14:41

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	42	Resp:	5061
Ion Ratio	Lower	Upper	
42	100		
72	35.8	34.1	51.1
71	30.9	29.9	44.9



#42

1-Chlorobutane

Concen: 0.962 ug/l

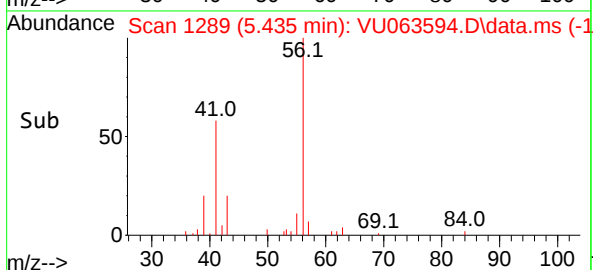
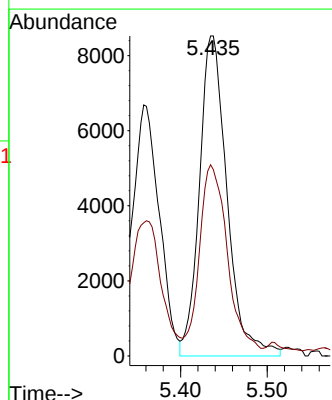
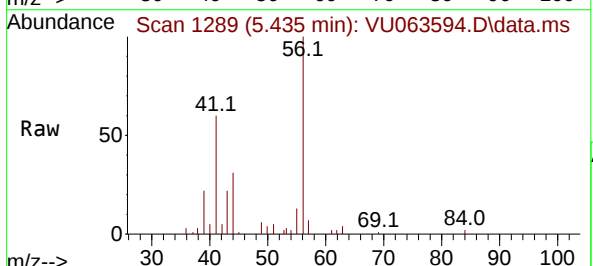
RT: 5.435 min Scan# 1289

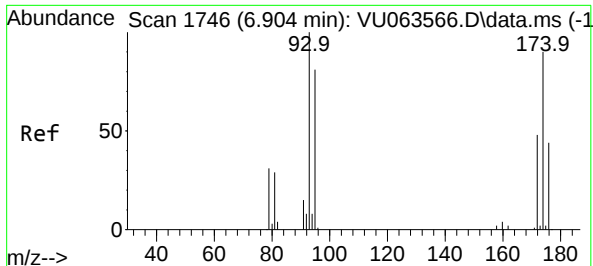
Delta R.T. -0.003 min

Lab File: VU063594.D

Acq: 16 Sep 2025 14:41

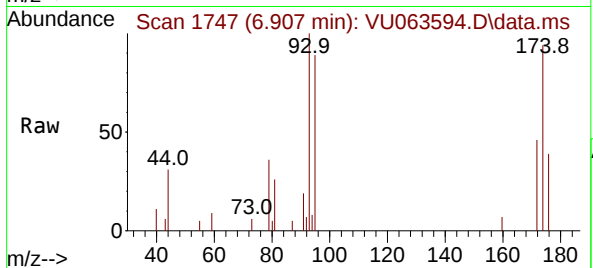
Tgt Ion:	56	Resp:	18885
Ion Ratio	Lower	Upper	
56	100		
41	57.2	28.3	84.9



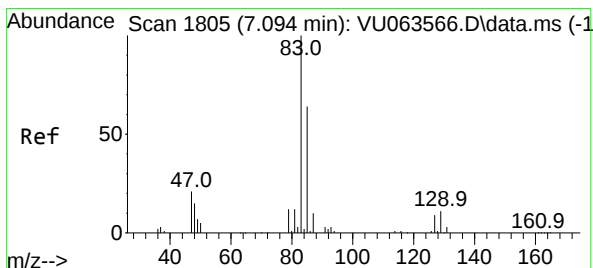
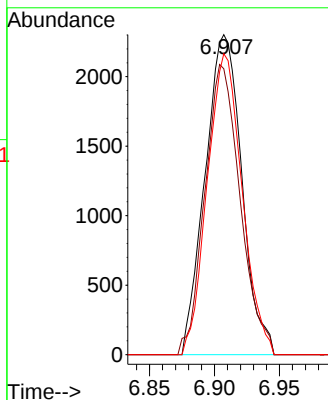
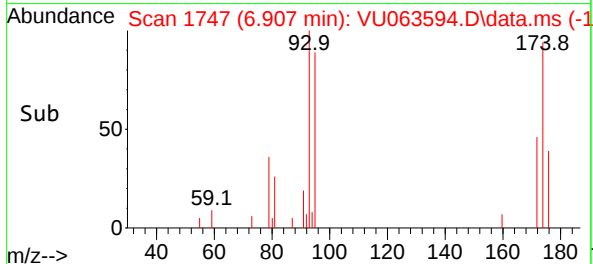


#43
Dibromomethane
Concen: 0.883 ug/l
RT: 6.907 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU063594.D
Acq: 16 Sep 2025 14:41

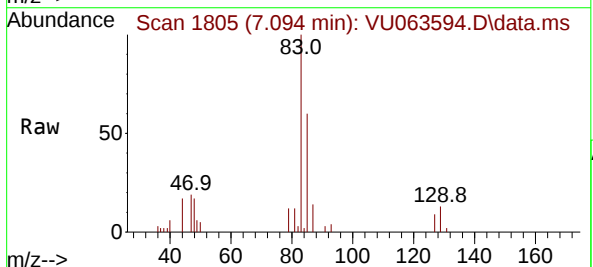
Instrument :
MSVOA_U
ClientSampleId :



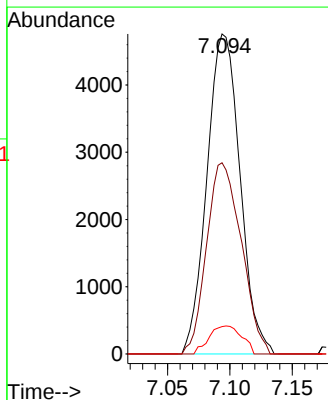
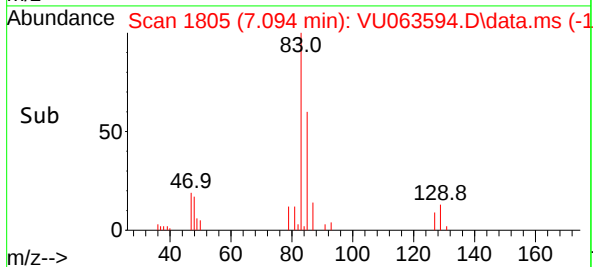
Tgt Ion: 93 Resp: 4518
Ion Ratio Lower Upper
93 100
95 87.0 66.6 100.0
174 89.2 72.7 109.1

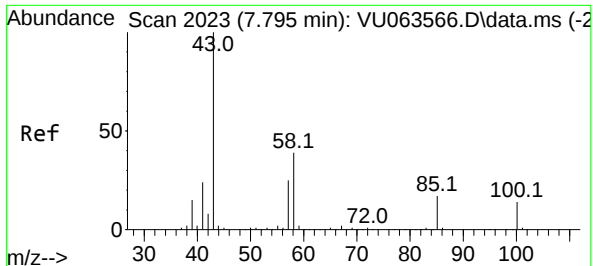


#44
Bromodichloromethane
Concen: 0.805 ug/l
RT: 7.094 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VU063594.D
Acq: 16 Sep 2025 14:41



Tgt Ion: 83 Resp: 8799
Ion Ratio Lower Upper
83 100
85 59.7 51.2 76.8
127 8.6 6.9 10.3





#45

4-Methyl-2-Pentanone

Concen: 4.444 ug/l

RT: 7.801 min Scan# 2023

Delta R.T. 0.006 min

Lab File: VU063594.D

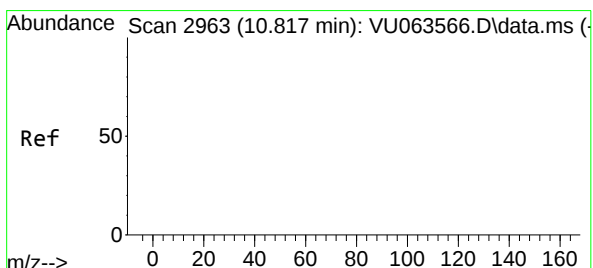
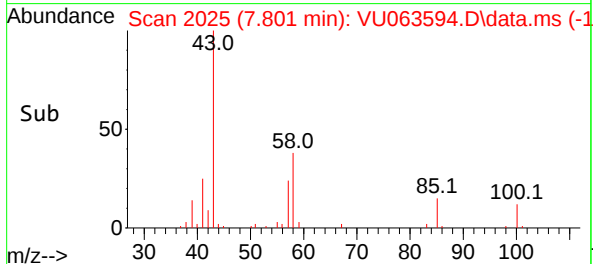
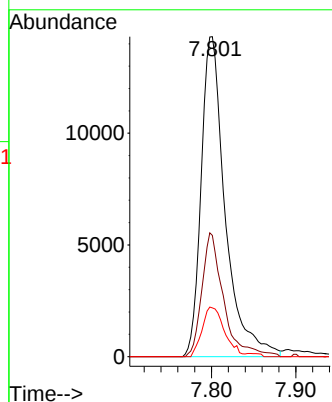
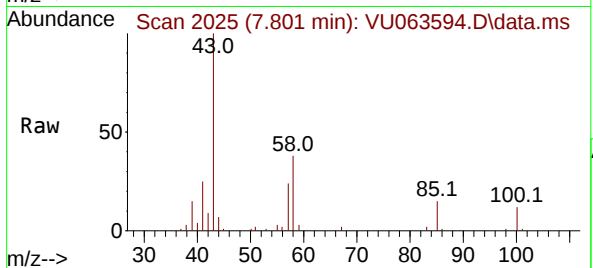
Acq: 16 Sep 2025 14:41

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	43	Resp:	28492
Ion	Ratio	Lower	Upper
43	100		
58	34.9	18.9	56.9
85	14.4	13.3	19.9



#46

t-1,4-Dichloro-2-butene

Concen: 3.332 ug/l

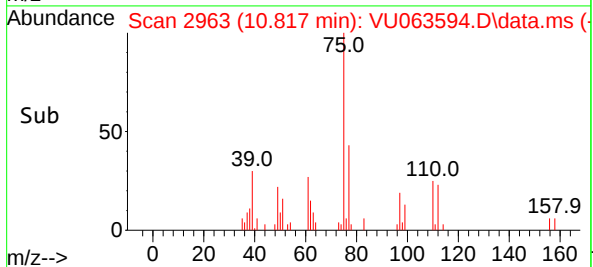
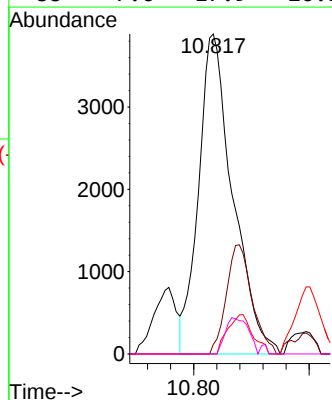
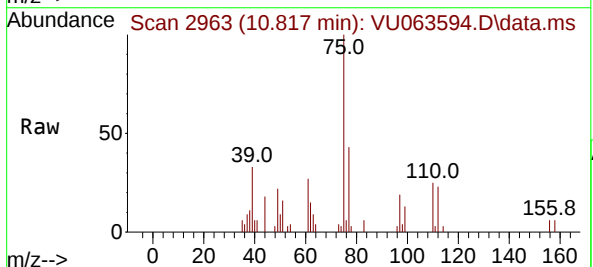
RT: 10.817 min Scan# 2963

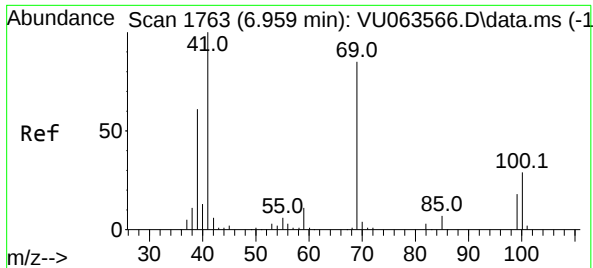
Delta R.T. -0.000 min

Lab File: VU063594.D

Acq: 16 Sep 2025 14:41

Tgt Ion:	75	Resp:	7992
Ion	Ratio	Lower	Upper
75	100		
53	25.5	43.2	64.8#
89	8.9	21.9	32.9#
88	7.6	17.9	26.9#





#47

Methyl methacrylate

Concen: 1.482 ug/l

RT: 6.965 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU063594.D

Acq: 16 Sep 2025 14:41

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 69 Resp: 6785

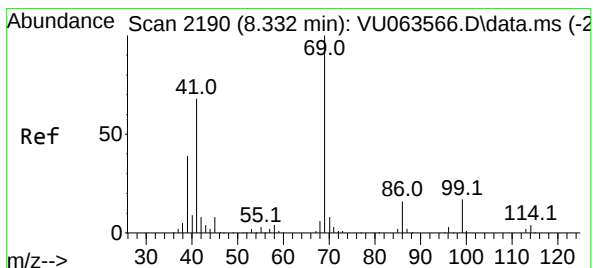
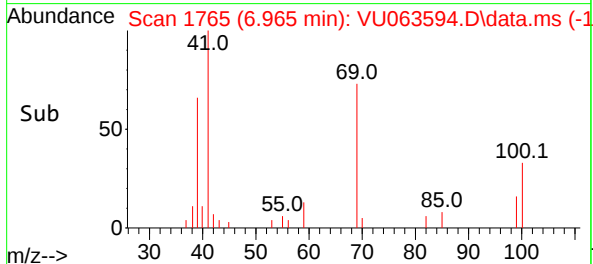
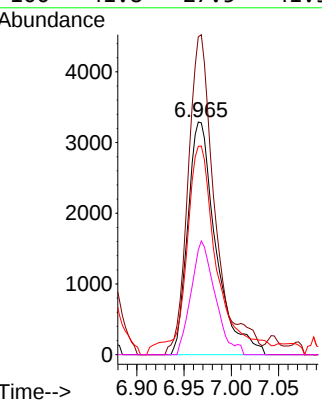
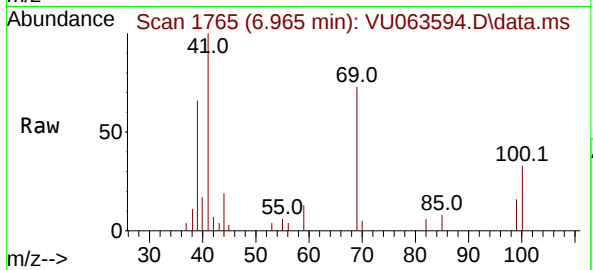
Ion Ratio Lower Upper

69 100

41 132.1 0.0 236.8

39 97.1 57.8 86.6#

100 41.8 27.5 41.3#



#48

Ethyl methacrylate

Concen: 0.836 ug/l

RT: 8.338 min Scan# 2192

Delta R.T. 0.006 min

Lab File: VU063594.D

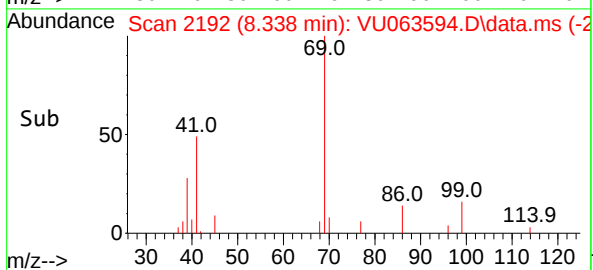
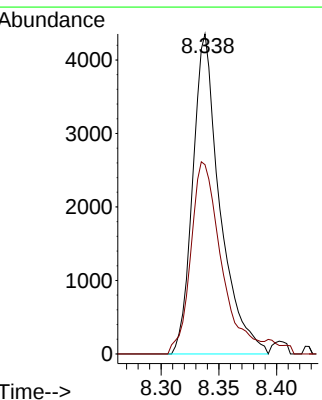
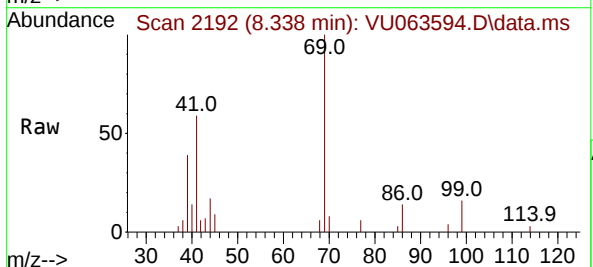
Acq: 16 Sep 2025 14:41

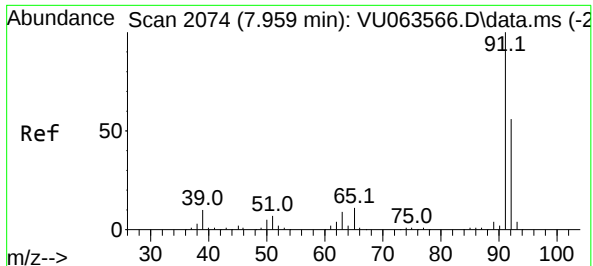
Tgt Ion: 69 Resp: 7099

Ion Ratio Lower Upper

69 100

41 67.8 33.7 101.1





#49

Toluene

Concen: 0.855 ug/l

RT: 7.962 min Scan# 2074

Delta R.T. 0.003 min

Lab File: VU063594.D

Acq: 16 Sep 2025 14:41

Instrument :

MSVOA_U

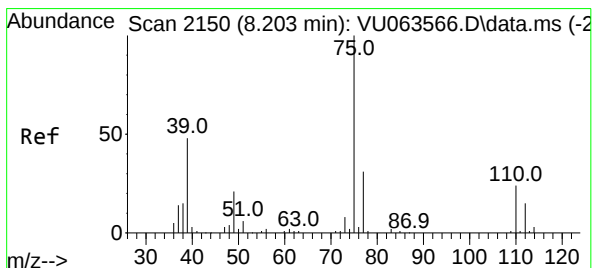
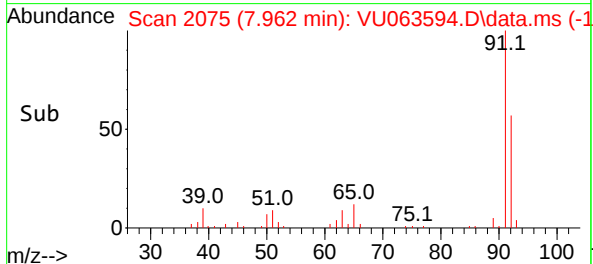
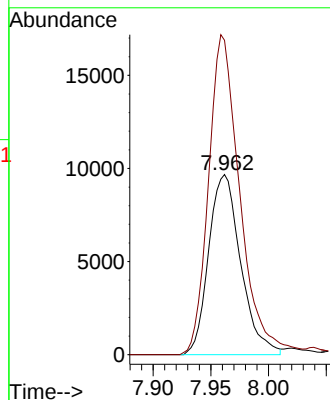
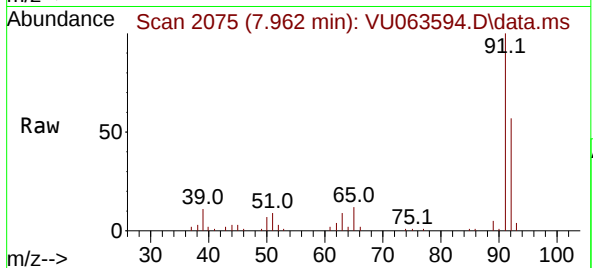
ClientSampleId :

Tgt Ion: 92 Resp: 18692

Ion Ratio Lower Upper

92 100

91 173.8 139.4 209.2



#50

t-1,3-Dichloropropene

Concen: 0.706 ug/l

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU063594.D

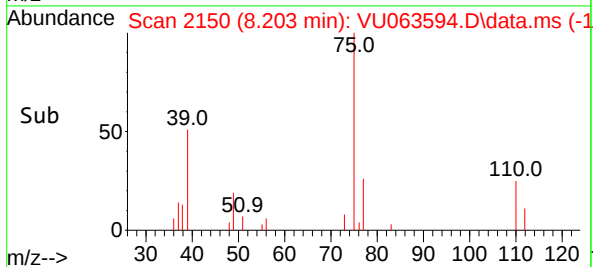
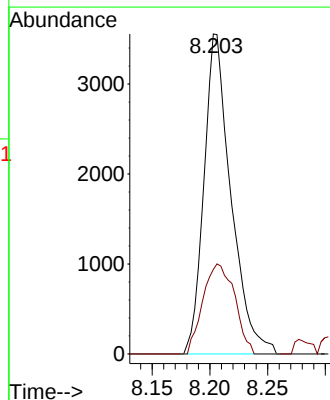
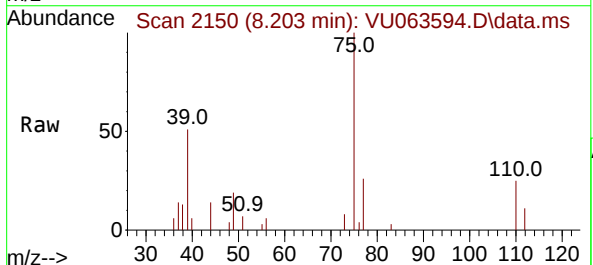
Acq: 16 Sep 2025 14:41

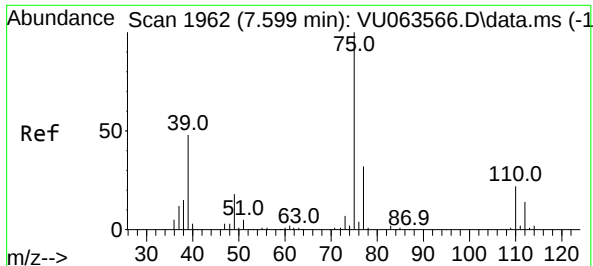
Tgt Ion: 75 Resp: 5786

Ion Ratio Lower Upper

75 100

77 26.4 24.8 37.2

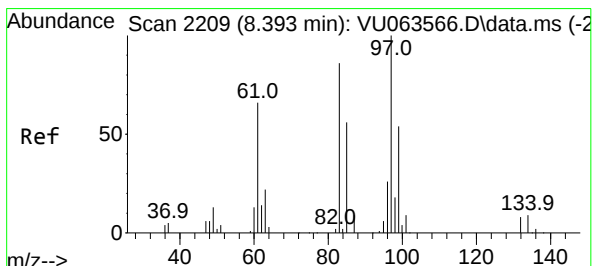
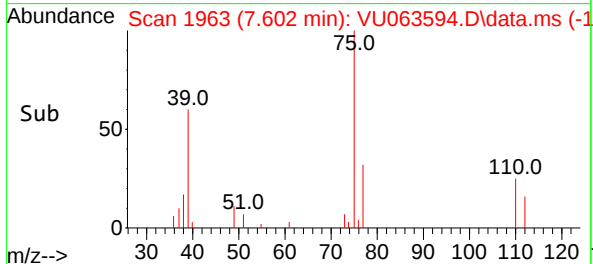
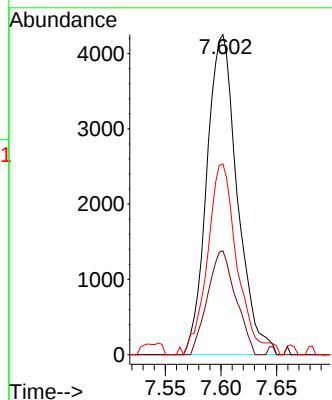
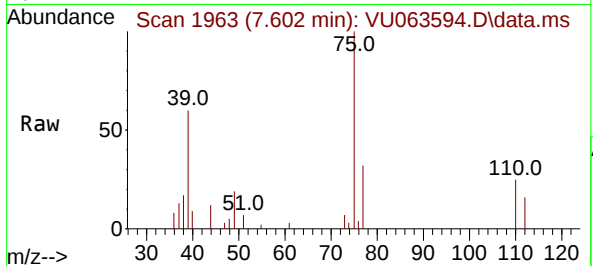




#51
 cis-1,3-Dichloropropene
 Concen: 0.744 ug/l
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.003 min
 Lab File: VU063594.D
 Acq: 16 Sep 2025 14:41

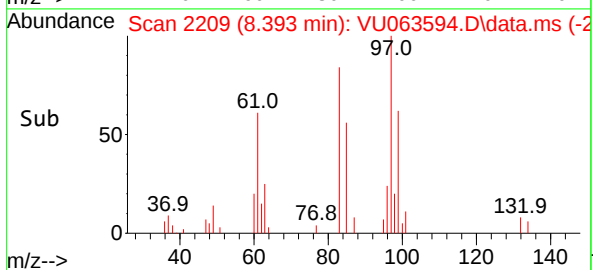
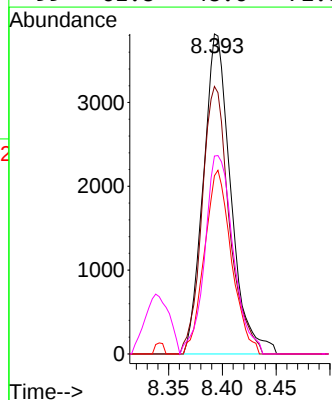
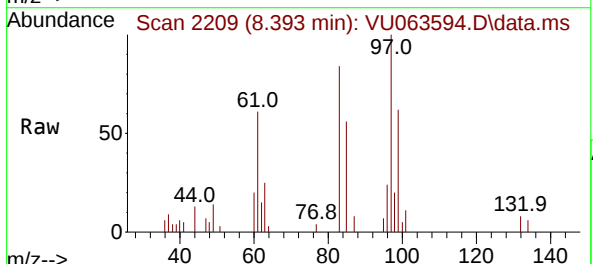
Instrument :
 MSVOA_U
 ClientSampleId :

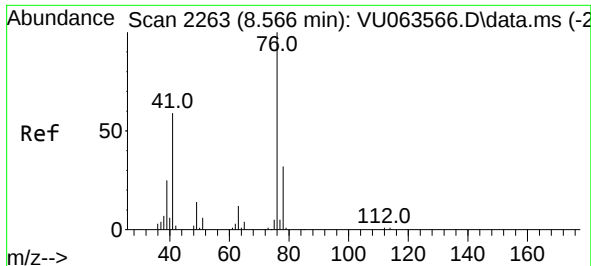
Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.2	37.8
39	59.6	38.8	58.2



#52
 1,1,2-Trichloroethane
 Concen: 0.935 ug/l
 RT: 8.393 min Scan# 2209
 Delta R.T. -0.000 min
 Lab File: VU063594.D
 Acq: 16 Sep 2025 14:41

Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.6	68.5	102.7
85	55.7	45.0	67.6
99	61.8	48.6	72.8





#53

1,3-Dichloropropane

Concen: 0.899 ug/l

RT: 8.569 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063594.D

Acq: 16 Sep 2025 14:41

Instrument :

MSVOA_U

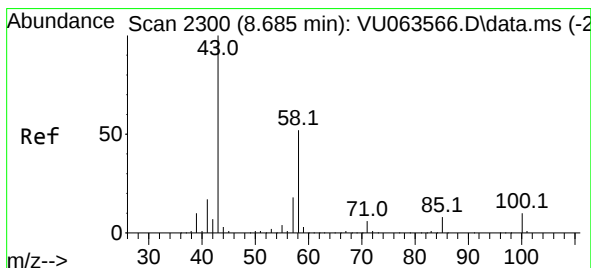
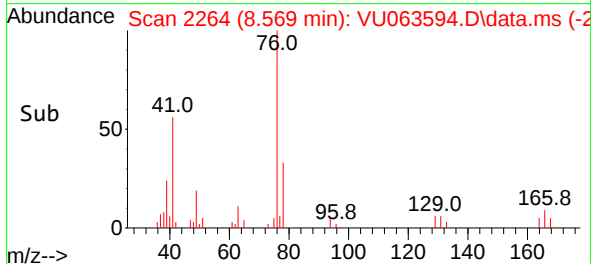
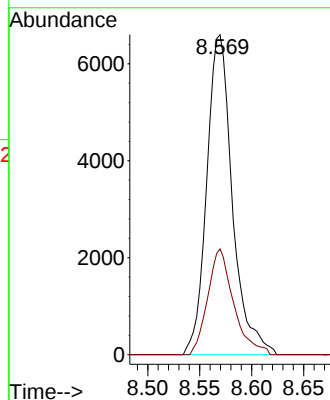
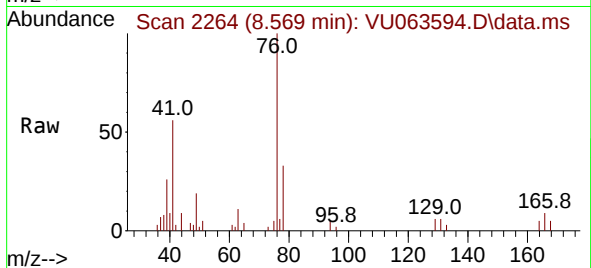
ClientSampleId :

Tgt Ion: 76 Resp: 11313

Ion Ratio Lower Upper

76 100

78 33.4 26.2 39.2



#54

2-Hexanone

Concen: 3.834 ug/l

RT: 8.692 min Scan# 2302

Delta R.T. 0.006 min

Lab File: VU063594.D

Acq: 16 Sep 2025 14:41

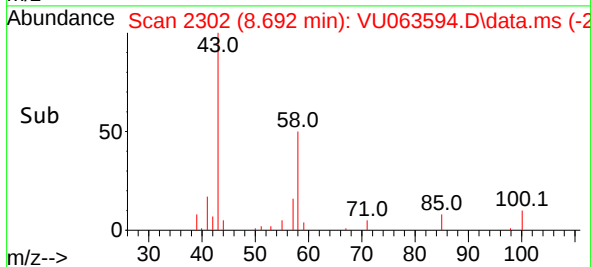
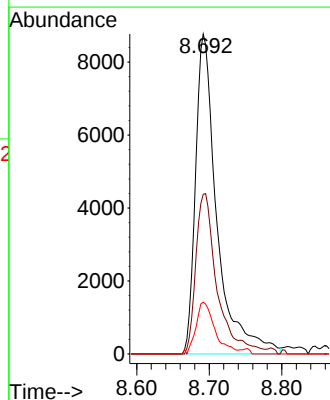
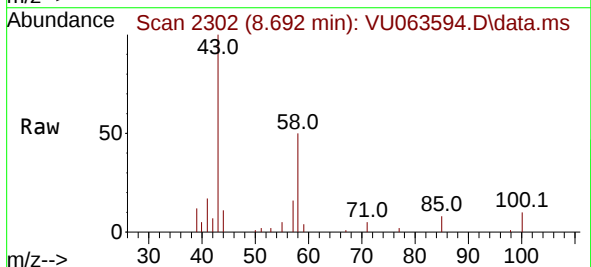
Tgt Ion: 43 Resp: 17960

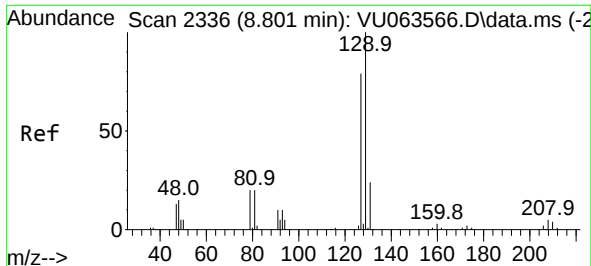
Ion Ratio Lower Upper

43 100

58 49.8 32.7 72.7

57 14.4 0.0 38.2

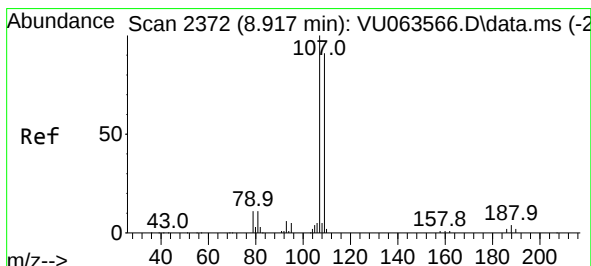
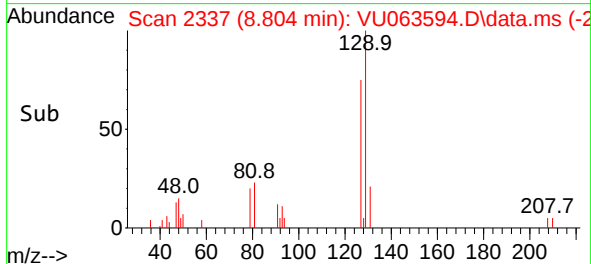
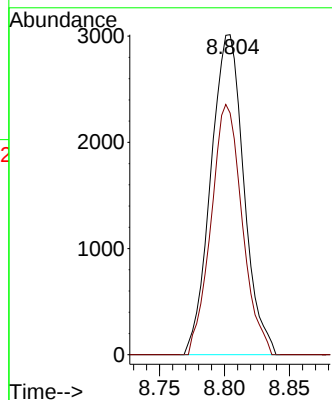
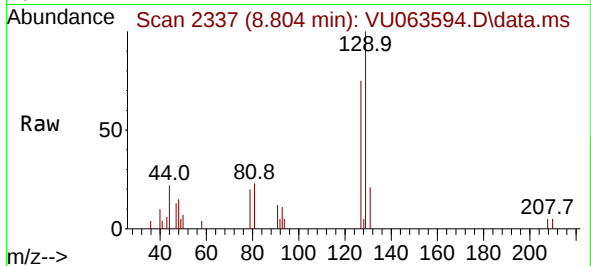




#55
Dibromochloromethane
Concen: 0.760 ug/l
RT: 8.804 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063594.D
Acq: 16 Sep 2025 14:41

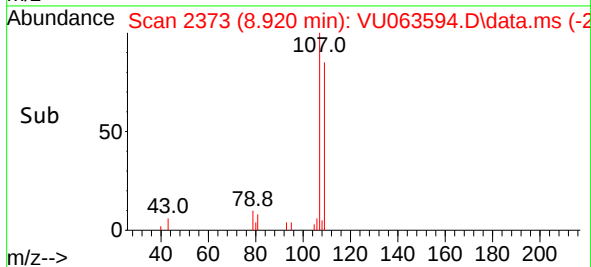
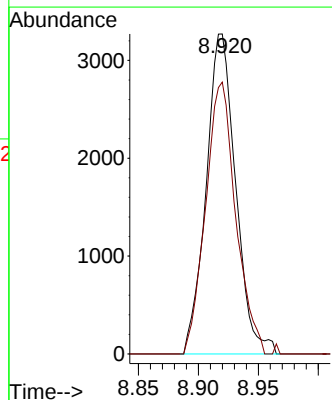
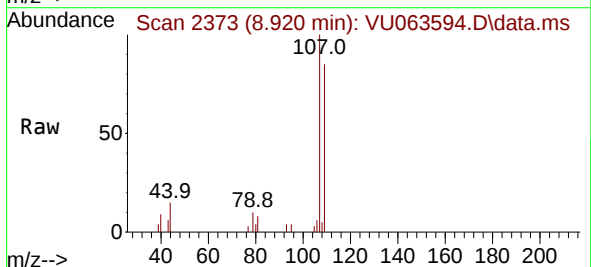
Instrument :
MSVOA_U
ClientSampleId :

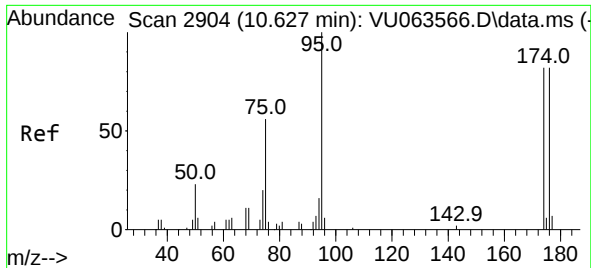
Tgt Ion:129 Resp: 5336
Ion Ratio Lower Upper
129 100
127 73.7 61.9 92.9



#56
1,2-Dibromoethane
Concen: 0.897 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.003 min
Lab File: VU063594.D
Acq: 16 Sep 2025 14:41

Tgt Ion:107 Resp: 5605
Ion Ratio Lower Upper
107 100
109 86.7 0.0 183.6

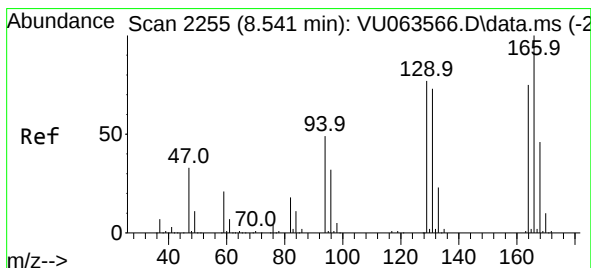
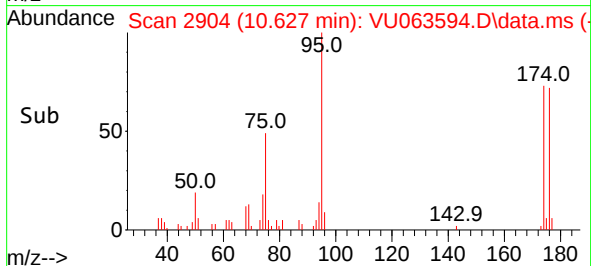
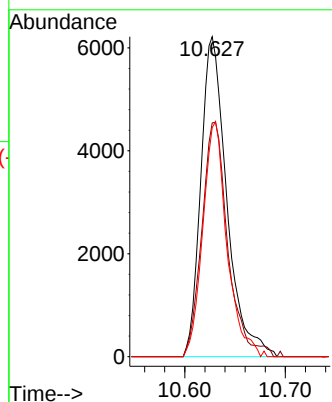
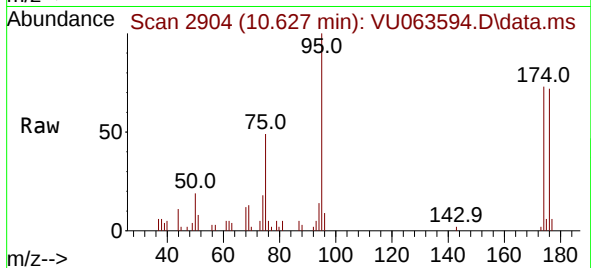




#57
4-Bromofluorobenzene
Concen: 0.973 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. -0.000 min
Lab File: VU063594.D
Acq: 16 Sep 2025 14:41

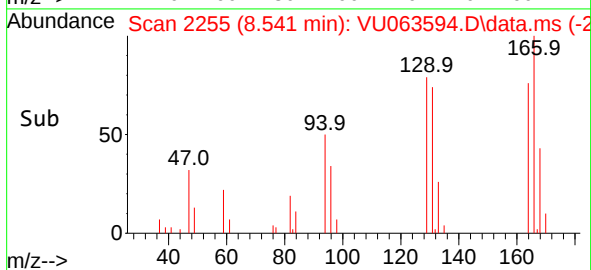
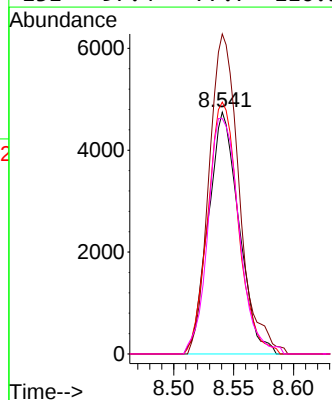
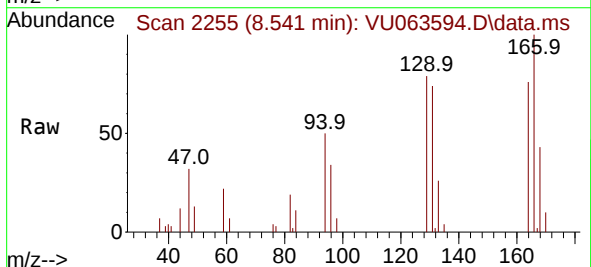
Instrument : MSVOA_U
ClientSampleId :

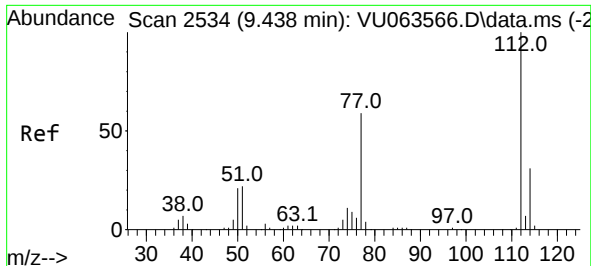
Tgt Ion: 95 Resp: 11166
Ion Ratio Lower Upper
95 100
174 73.4 64.7 97.1
176 68.2 66.2 99.4



#58
Tetrachloroethene
Concen: 0.856 ug/l
RT: 8.541 min Scan# 2255
Delta R.T. -0.000 min
Lab File: VU063594.D
Acq: 16 Sep 2025 14:41

Tgt Ion: 164 Resp: 8452
Ion Ratio Lower Upper
164 100
166 132.3 106.4 159.6
129 104.1 81.4 122.2
131 97.4 77.7 116.5





#59

Chlorobenzene

Concen: 0.856 ug/l

RT: 9.441 min Scan# 2

Delta R.T. 0.003 min

Lab File: VU063594.D

Acq: 16 Sep 2025 14:41

Instrument :

MSVOA_U

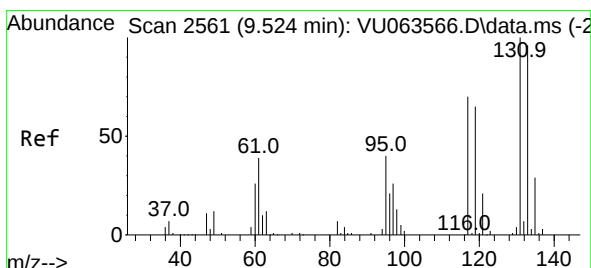
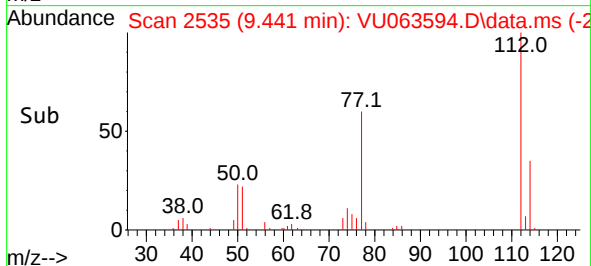
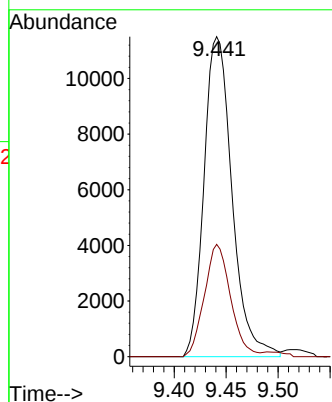
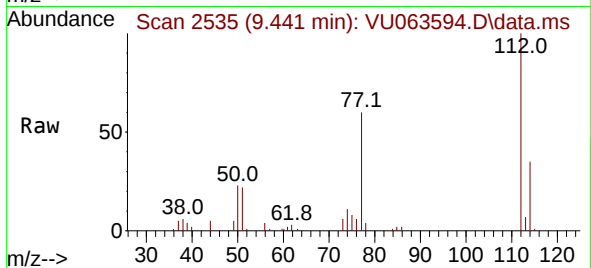
ClientSampleId :

Tgt Ion:112 Resp: 21565

Ion Ratio Lower Upper

112 100

114 35.1 25.0 37.4



#60

1,1,1,2-Tetrachloroethane

Concen: 0.789 ug/l

RT: 9.528 min Scan# 2562

Delta R.T. 0.003 min

Lab File: VU063594.D

Acq: 16 Sep 2025 14:41

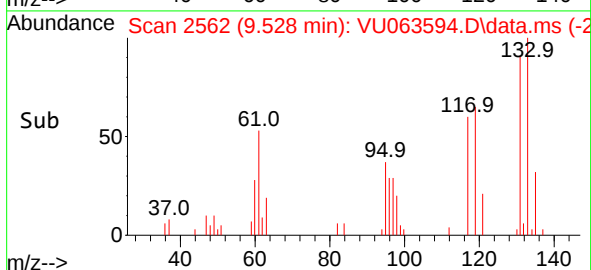
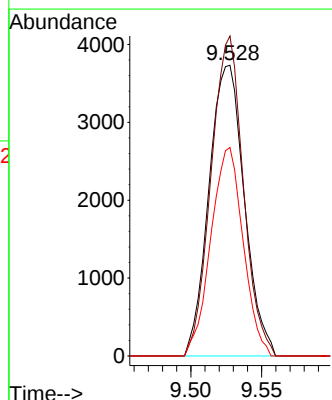
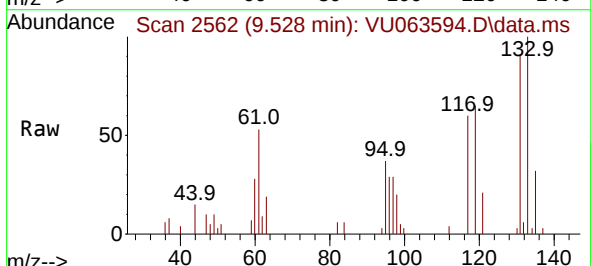
Tgt Ion:131 Resp: 6493

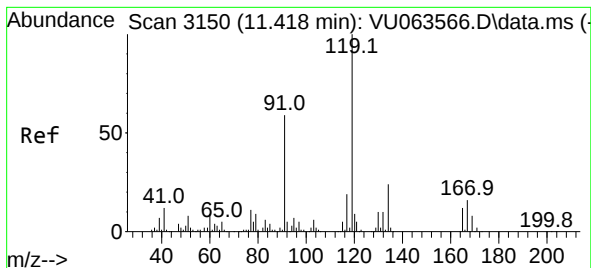
Ion Ratio Lower Upper

131 100

133 100.2 75.8 113.8

119 65.4 51.8 77.6





#61

Pentachloroethane

Concen: 0.784 ug/l

RT: 11.418 min Scan# 3150

Delta R.T. -0.000 min

Lab File: VU063594.D

Acq: 16 Sep 2025 14:41

Instrument :

MSVOA_U

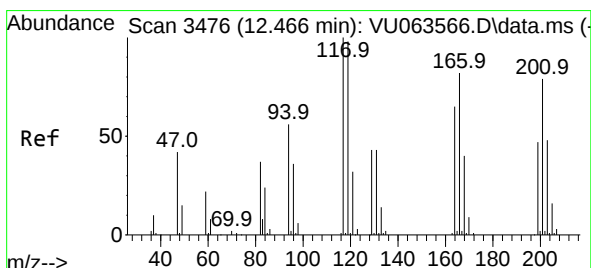
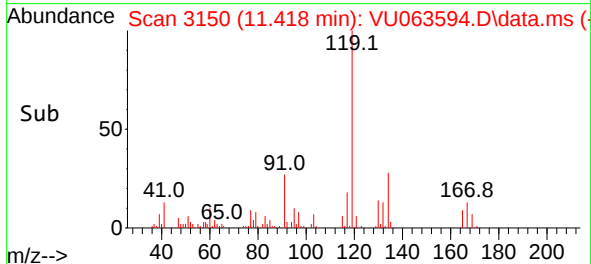
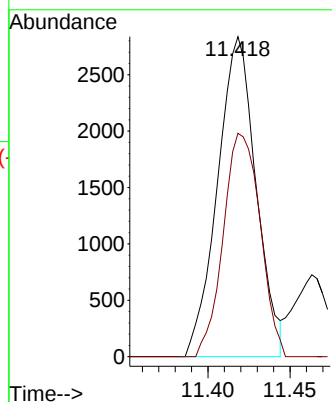
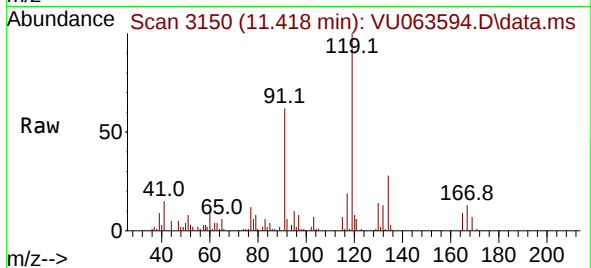
ClientSampleId :

Tgt Ion:117 Resp: 4628

Ion Ratio Lower Upper

117 100

167 66.9 62.6 93.8



#62

Hexachloroethane

Concen: 0.775 ug/l

RT: 12.466 min Scan# 3476

Delta R.T. -0.000 min

Lab File: VU063594.D

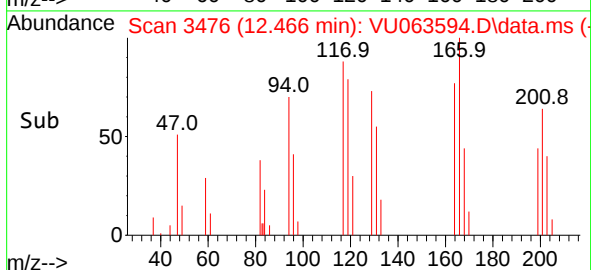
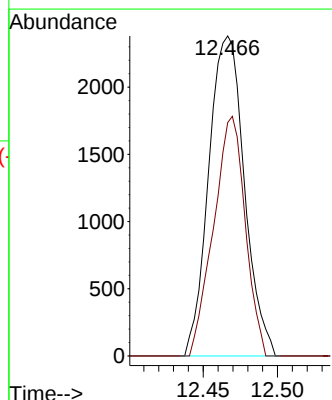
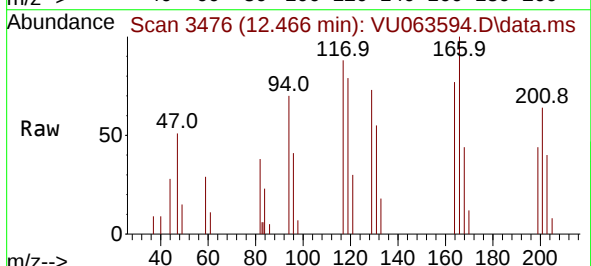
Acq: 16 Sep 2025 14:41

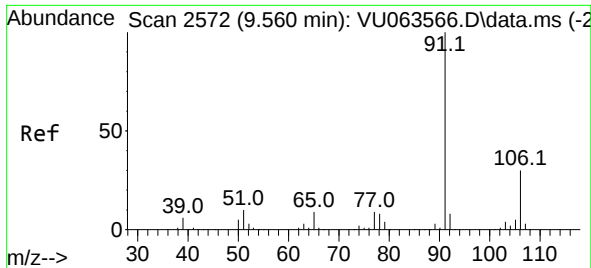
Tgt Ion:117 Resp: 3976

Ion Ratio Lower Upper

117 100

201 66.4 61.0 91.6

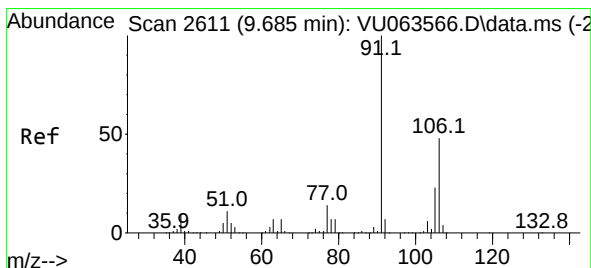
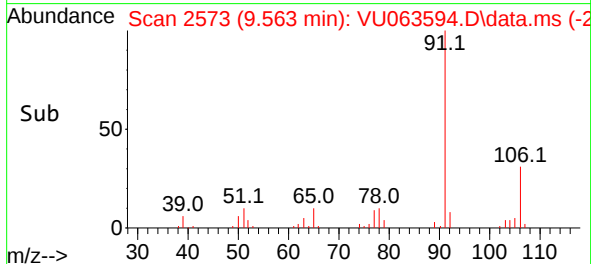
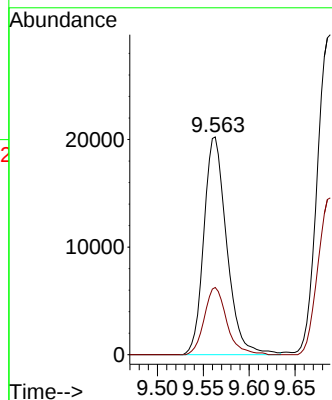
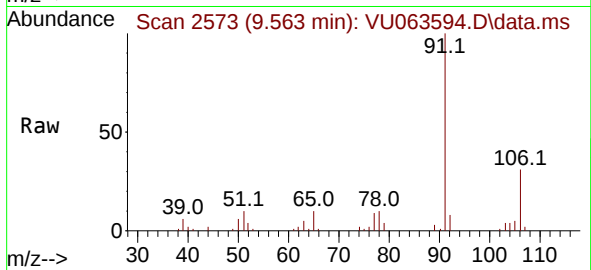




#63
Ethyl Benzene
Concen: 0.818 ug/l
RT: 9.563 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063594.D
Acq: 16 Sep 2025 14:41

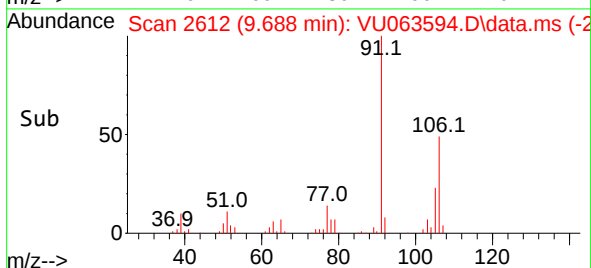
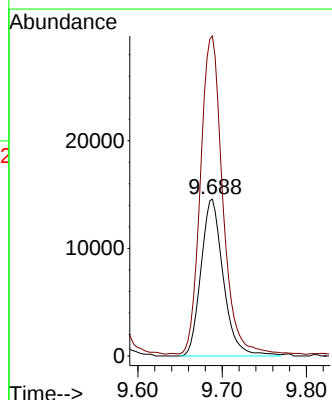
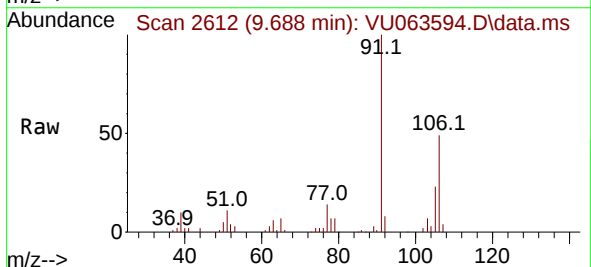
Instrument :
MSVOA_U
ClientSampleId :

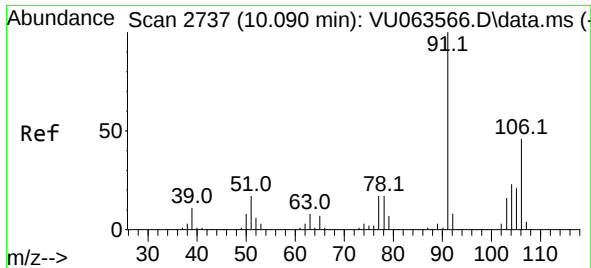
Tgt Ion: 91 Resp: 35178
Ion Ratio Lower Upper
91 100
106 30.9 23.8 35.8



#64
m/p-Xylenes
Concen: 1.627 ug/l
RT: 9.688 min Scan# 2612
Delta R.T. 0.003 min
Lab File: VU063594.D
Acq: 16 Sep 2025 14:41

Tgt Ion: 106 Resp: 26908
Ion Ratio Lower Upper
106 100
91 203.6 167.0 250.4

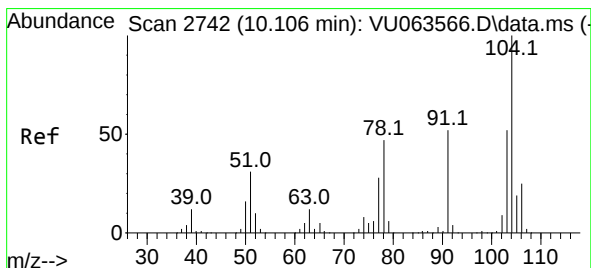
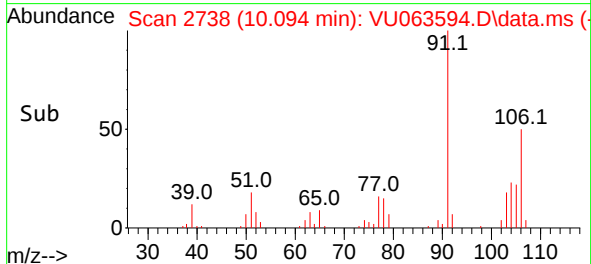
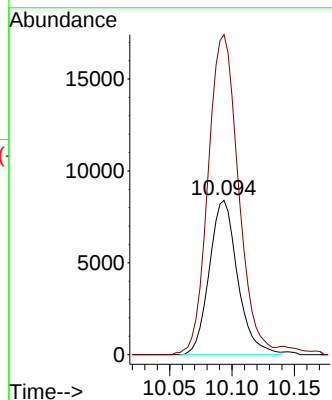
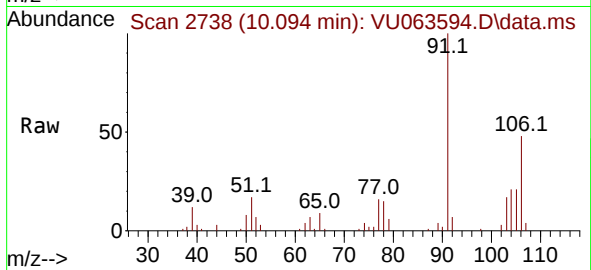




#65
o-Xylene
Concen: 0.802 ug/l
RT: 10.094 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063594.D
Acq: 16 Sep 2025 14:41

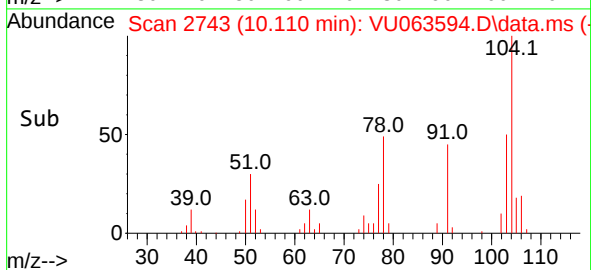
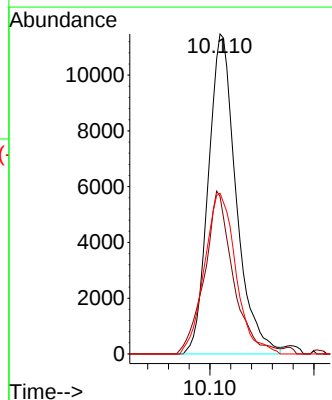
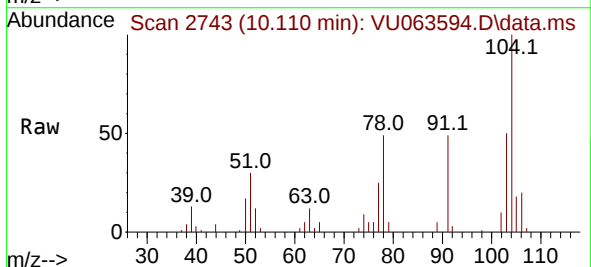
Instrument :
MSVOA_U
ClientSampleId :

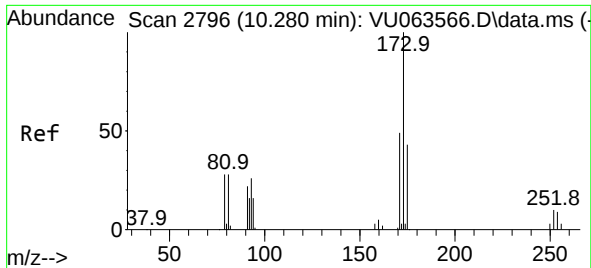
Tgt Ion:106 Resp: 13280
Ion Ratio Lower Upper
106 100
91 222.3 108.7 326.1



#66
Styrene
Concen: 0.808 ug/l
RT: 10.110 min Scan# 2743
Delta R.T. 0.003 min
Lab File: VU063594.D
Acq: 16 Sep 2025 14:41

Tgt Ion:104 Resp: 21337
Ion Ratio Lower Upper
104 100
78 52.6 41.2 61.8
103 56.6 44.2 66.2

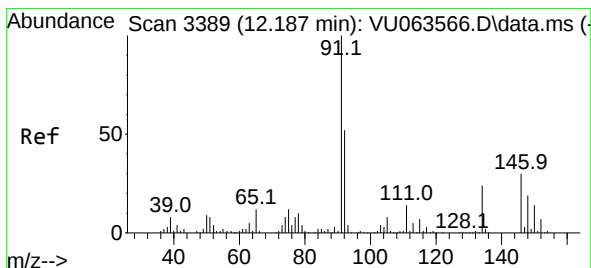
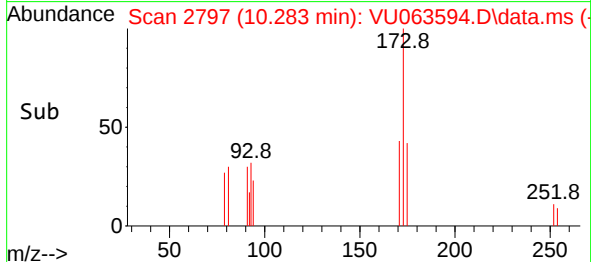
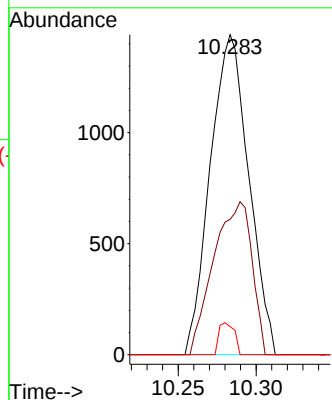
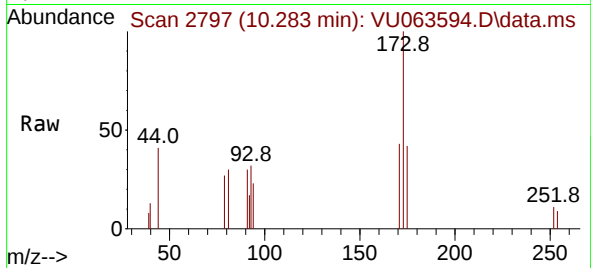




#67
Bromoform
Concen: 0.706 ug/l
RT: 10.283 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063594.D
Acq: 16 Sep 2025 14:41

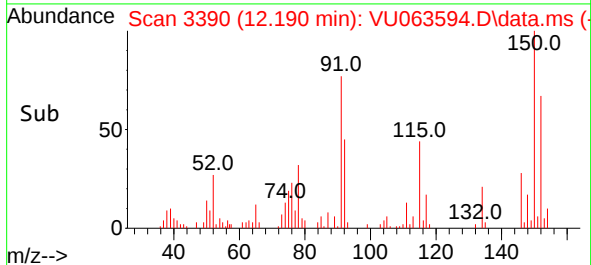
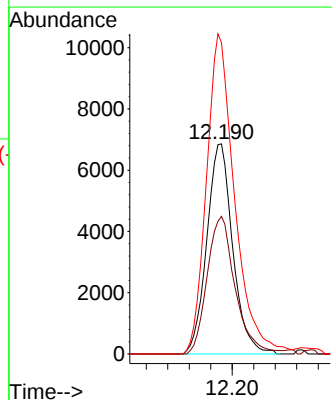
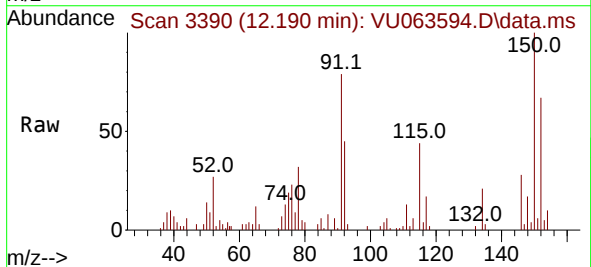
Instrument :
MSVOA_U
ClientSampleId :

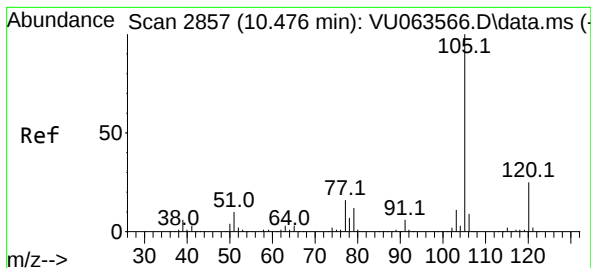
Tgt Ion:173 Resp: 2469
Ion Ratio Lower Upper
173 100
175 47.6 37.0 55.6
254 4.0 7.1 10.7#



#68
1,2-Dichlorobenzene-d4
Concen: 0.980 ug/l
RT: 12.190 min Scan# 3390
Delta R.T. 0.003 min
Lab File: VU063594.D
Acq: 16 Sep 2025 14:41

Tgt Ion:152 Resp: 11460
Ion Ratio Lower Upper
152 100
115 70.6 0.0 260.6
150 165.5 0.0 661.8





#69

Isopropylbenzene

Concen: 0.832 ug/l

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU063594.D

Acq: 16 Sep 2025 14:41

Instrument :

MSVOA_U

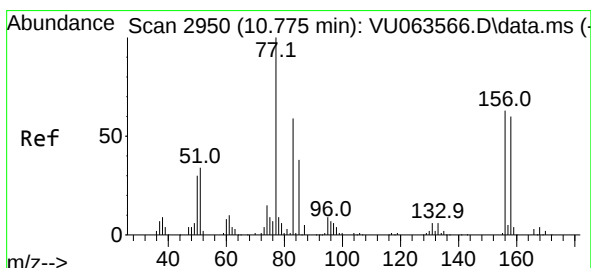
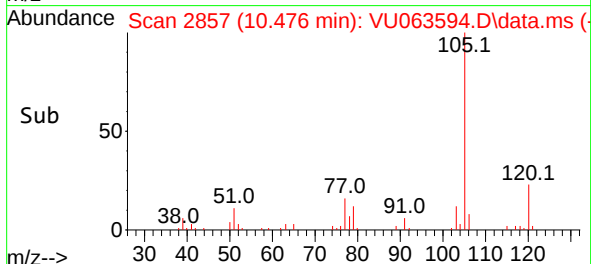
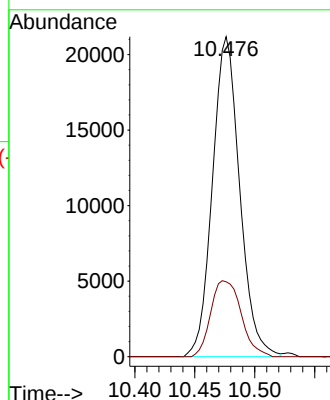
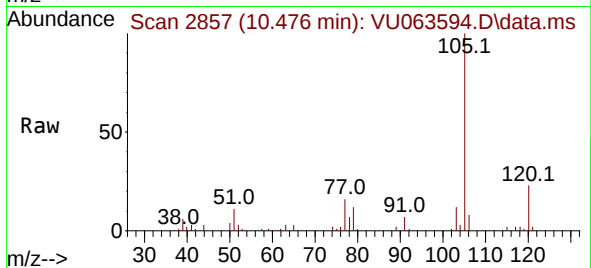
ClientSampleId :

Tgt Ion:105 Resp: 33426

Ion Ratio Lower Upper

105 100

120 26.5 12.7 38.0



#70

1,1,2,2-Tetrachloroethane

Concen: 0.882 ug/l

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU063594.D

Acq: 16 Sep 2025 14:41

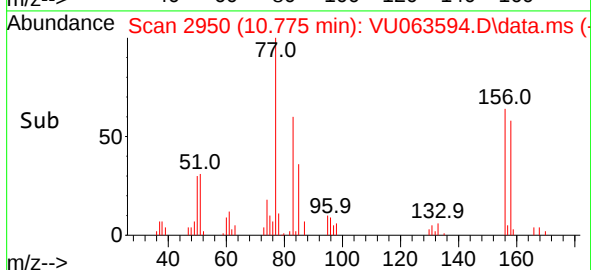
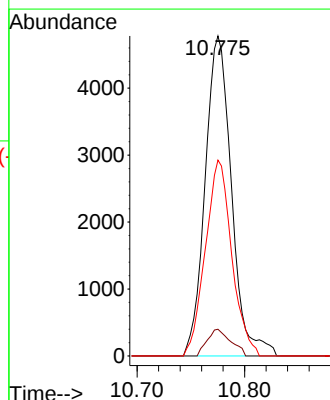
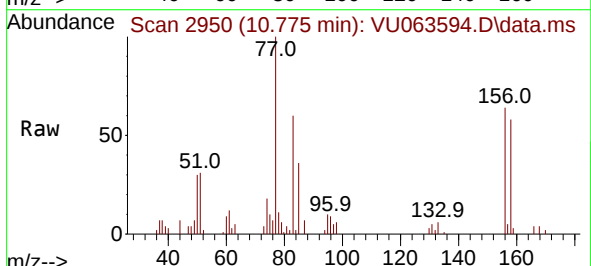
Tgt Ion: 83 Resp: 8134

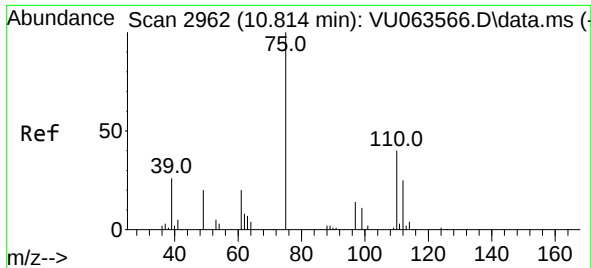
Ion Ratio Lower Upper

83 100

131 7.5 7.7 11.5#

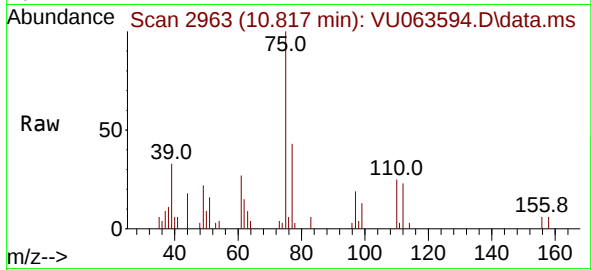
85 61.3 52.2 78.4



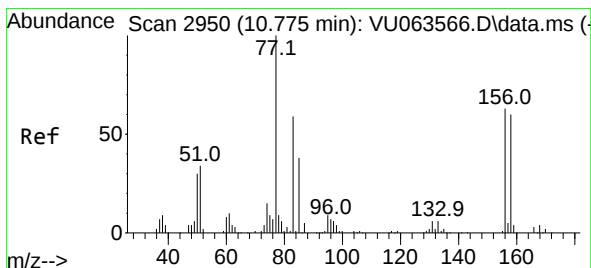
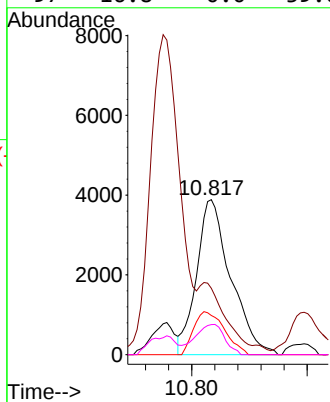
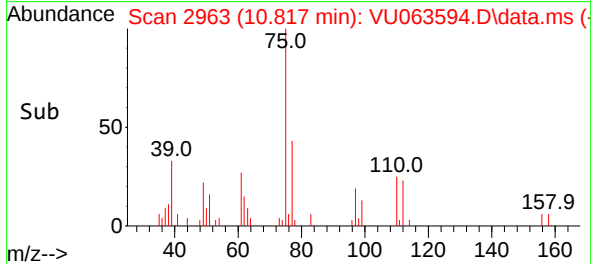


#71
1,2,3-Trichloropropane
Concen: 1.168 ug/l
RT: 10.817 min Scan# 2963
Delta R.T. 0.003 min
Lab File: VU063594.D
Acq: 16 Sep 2025 14:41

Instrument :
MSVOA_U
ClientSampleId :

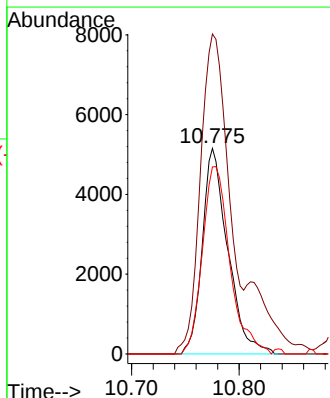
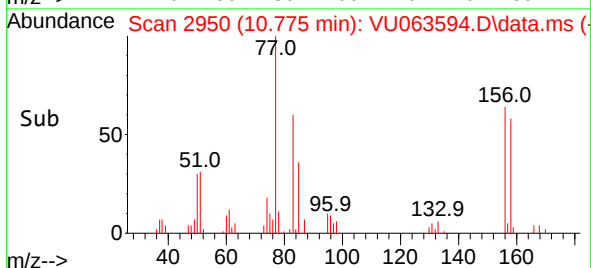
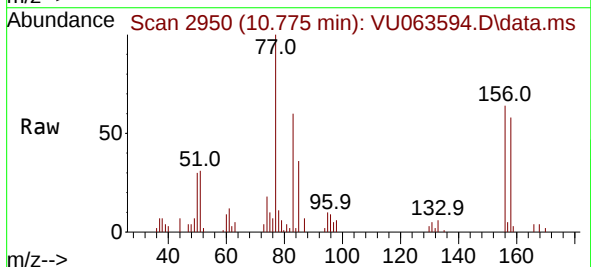


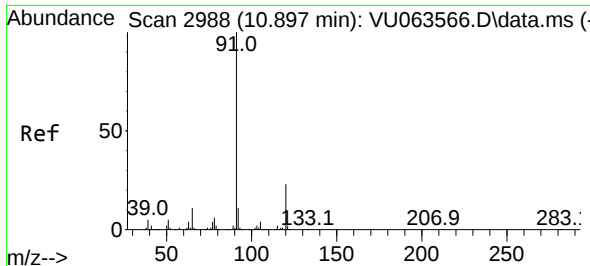
Tgt Ion: 75	Resp: 7992
Ion Ratio	Lower Upper
75	100
77	0.0 0.0 0.0
110	25.0 0.0 77.6
97	16.8 0.0 39.6



#72
Bromobenzene
Concen: 0.815 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU063594.D
Acq: 16 Sep 2025 14:41

Tgt Ion: 156	Resp: 8492
Ion Ratio	Lower Upper
156	100
77	169.8 0.0 323.0
158	98.3 0.0 195.4

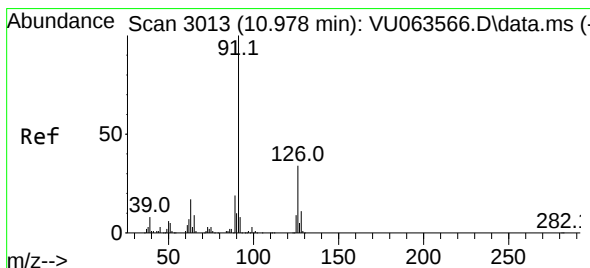
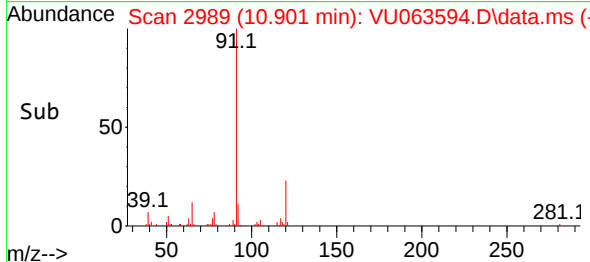
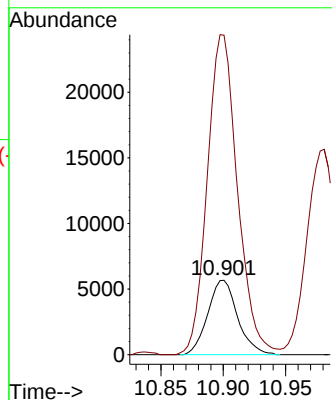
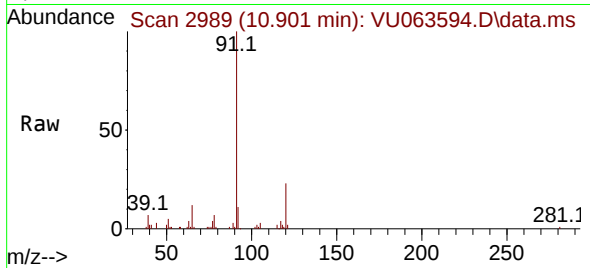




#73
n-propylbenzene
Concen: 0.813 ug/l
RT: 10.901 min Scan# 2988
Delta R.T. 0.003 min
Lab File: VU063594.D
Acq: 16 Sep 2025 14:41

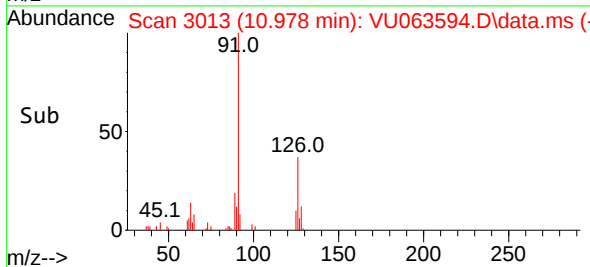
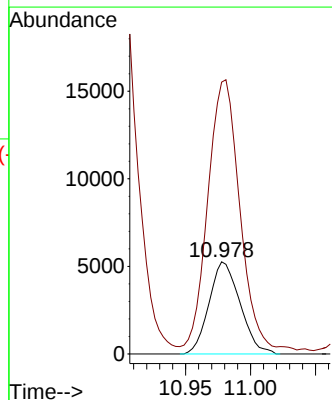
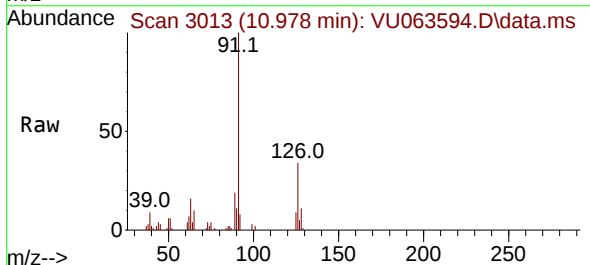
Instrument :
MSVOA_U
ClientSampleId :

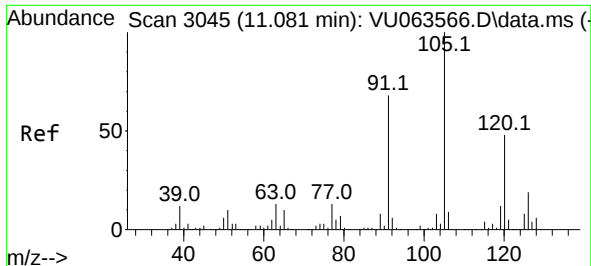
Tgt Ion:120 Resp: 9442
Ion Ratio Lower Upper
120 100
91 436.6 349.1 523.7



#74
2-Chlorotoluene
Concen: 0.830 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. -0.000 min
Lab File: VU063594.D
Acq: 16 Sep 2025 14:41

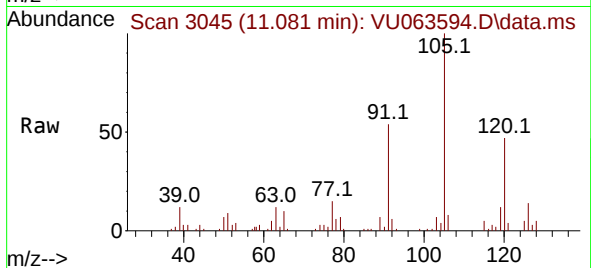
Tgt Ion:126 Resp: 8716
Ion Ratio Lower Upper
126 100
91 311.1 0.0 609.4



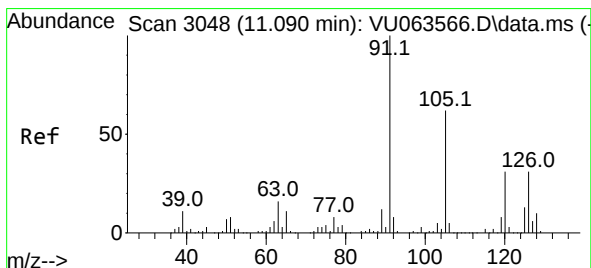
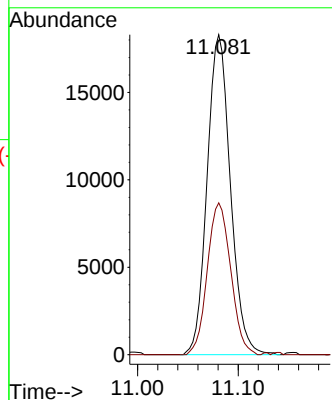
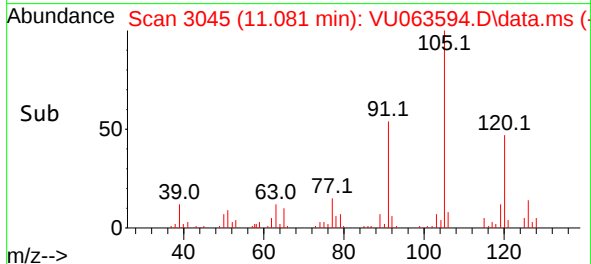


#75
1,3,5-Trimethylbenzene
Concen: 0.784 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VU063594.D
Acq: 16 Sep 2025 14:41

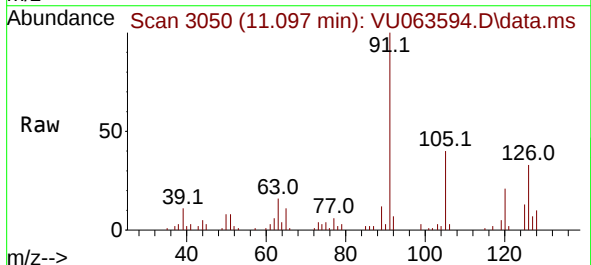
Instrument :
MSVOA_U
ClientSampleId :



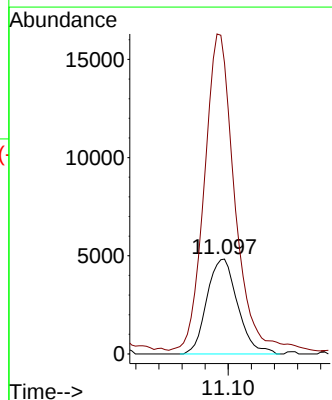
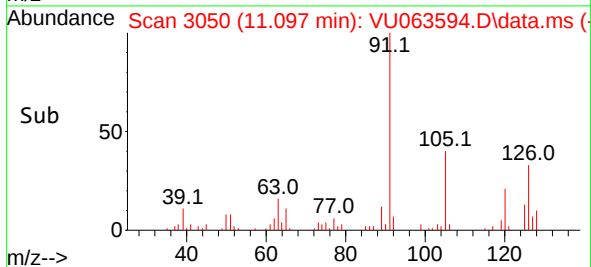
Tgt Ion:105 Resp: 29469
Ion Ratio Lower Upper
105 100
120 47.6 38.0 57.0

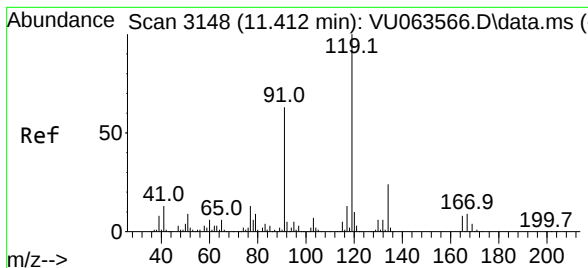


#76
4-Chlorotoluene
Concen: 0.810 ug/l
RT: 11.097 min Scan# 3050
Delta R.T. 0.006 min
Lab File: VU063594.D
Acq: 16 Sep 2025 14:41



Tgt Ion:126 Resp: 8907
Ion Ratio Lower Upper
126 100
91 332.1 0.0 679.4





#77

tert-Butylbenzene

Concen: 0.818 ug/l

RT: 11.412 min Scan# 3148

Delta R.T. -0.000 min

Lab File: VU063594.D

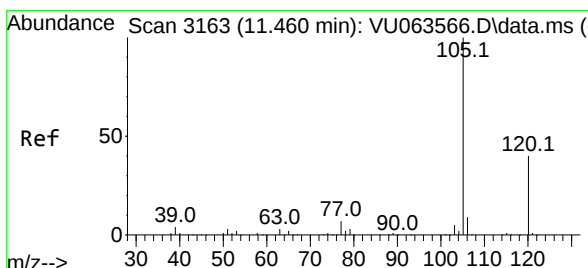
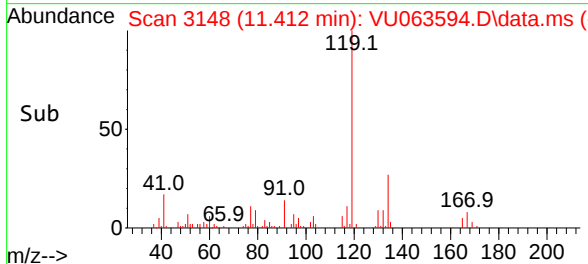
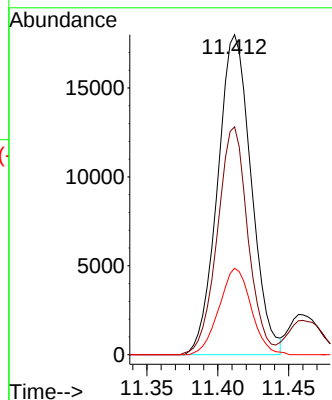
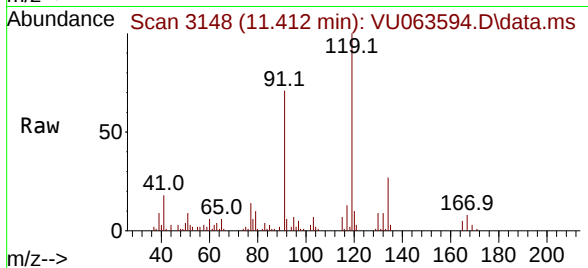
Acq: 16 Sep 2025 14:41

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	119	Resp:	29720
Ion Ratio	Lower	Upper	
119	100		
91	64.9	31.0	93.0
134	25.8	19.0	28.6



#78

1,2,4-Trimethylbenzene

Concen: 0.805 ug/l

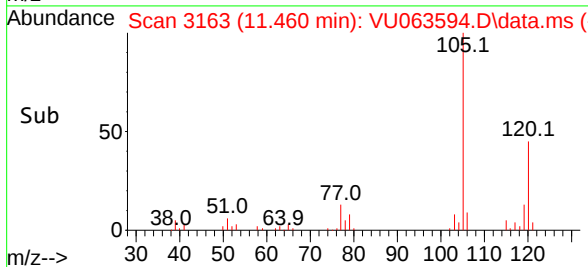
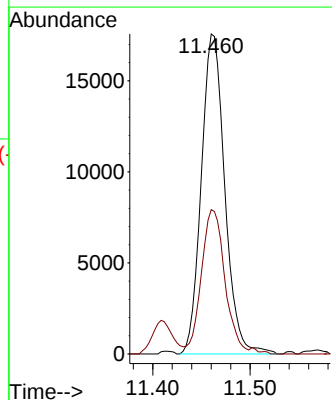
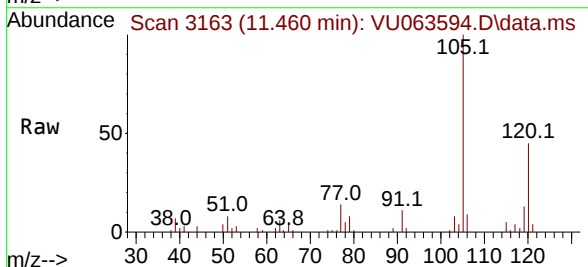
RT: 11.460 min Scan# 3163

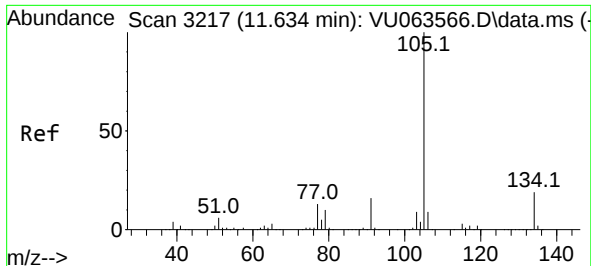
Delta R.T. -0.000 min

Lab File: VU063594.D

Acq: 16 Sep 2025 14:41

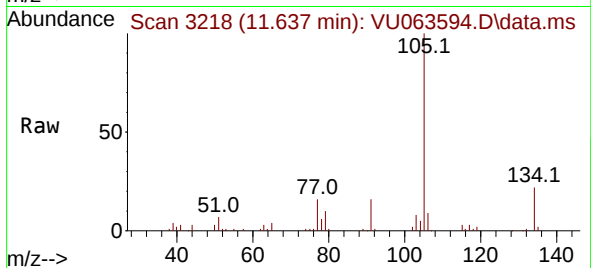
Tgt Ion:	105	Resp:	29424
Ion Ratio	Lower	Upper	
105	100		
120	43.0	22.4	67.3



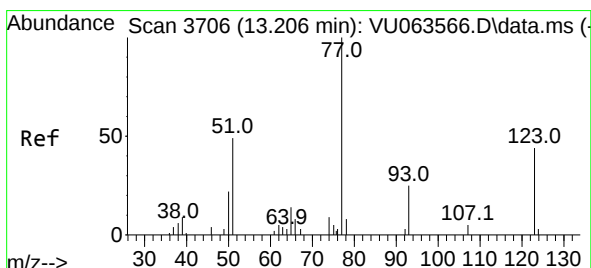
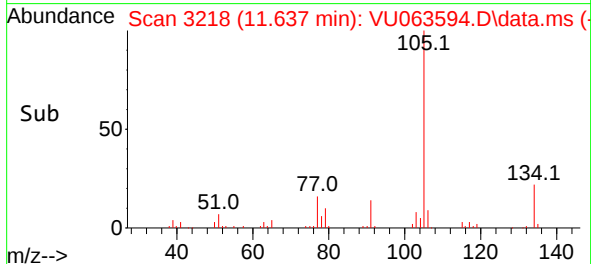
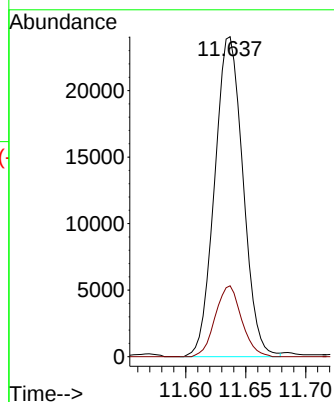


#79
 sec-Butylbenzene
 Concen: 0.803 ug/l
 RT: 11.637 min Scan# 311
 Delta R.T. 0.003 min
 Lab File: VU063594.D
 Acq: 16 Sep 2025 14:41

Instrument :
 MSVOA_U
 ClientSampleId :

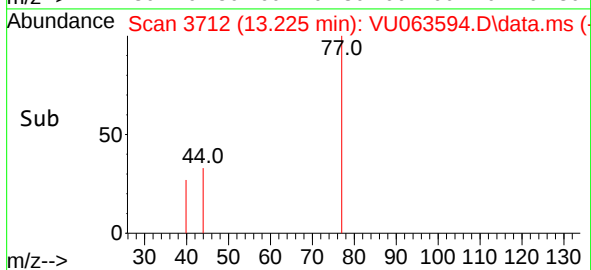
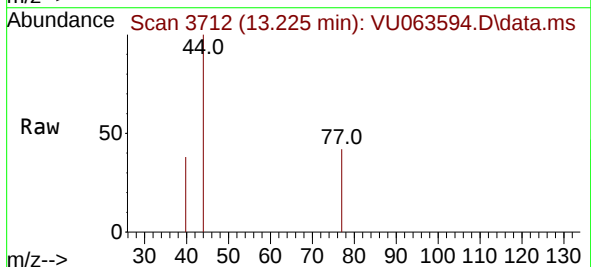
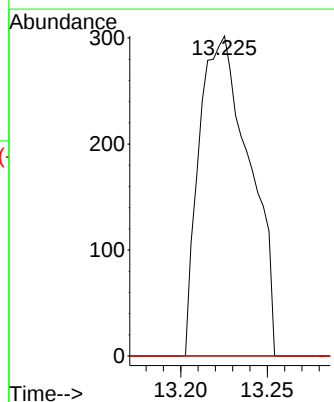


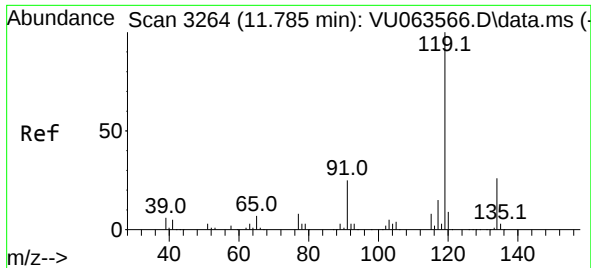
Tgt Ion:105 Resp: 39519
 Ion Ratio Lower Upper
 105 100
 134 20.5 15.6 23.4



#80
 Nitrobenzene
 Concen: 4.808 ug/l
 RT: 13.225 min Scan# 3712
 Delta R.T. 0.019 min
 Lab File: VU063594.D
 Acq: 16 Sep 2025 14:41

Tgt Ion: 77 Resp: 609
 Ion Ratio Lower Upper
 77 100
 123 0.0 18.0 63.6#
 65 0.0 12.8 16.4#

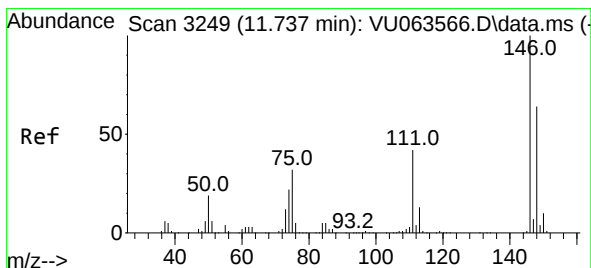
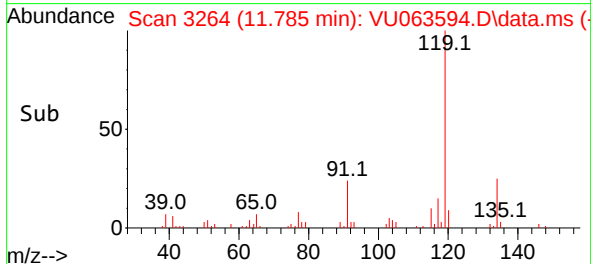
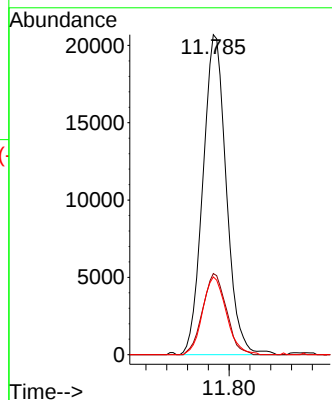
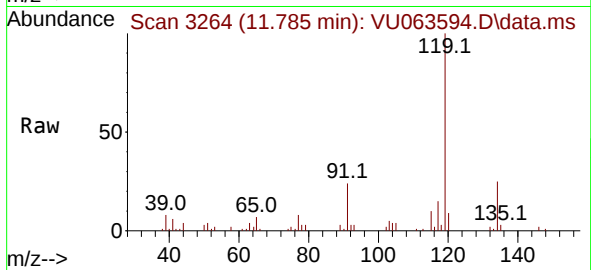




#81
 p-Isopropyltoluene
 Concen: 0.814 ug/l
 RT: 11.785 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU063594.D
 Acq: 16 Sep 2025 14:41

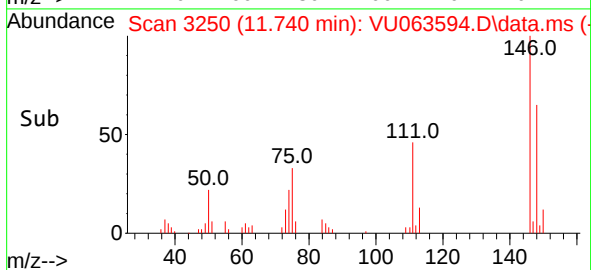
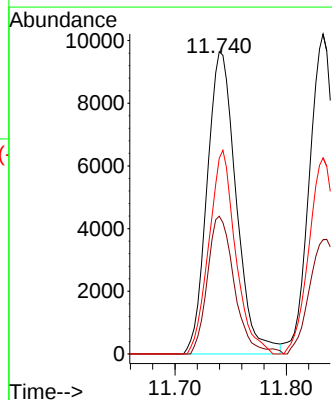
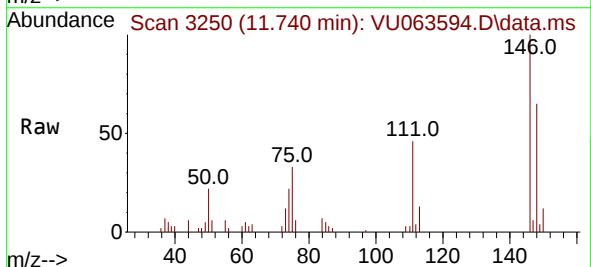
Instrument :
 MSVOA_U
 ClientSampleId :

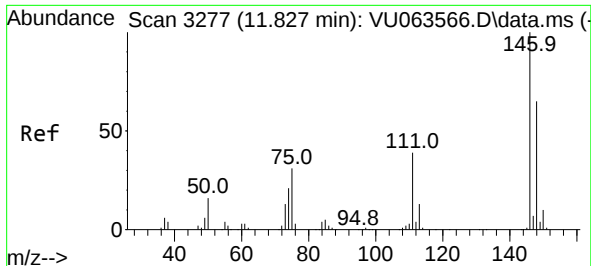
Tgt Ion:	119	Resp:	32231
Ion	Ratio	Lower	Upper
119	100		
134	25.7	20.6	30.8
91	24.7	19.8	29.6



#82
 1,3-Dichlorobenzene
 Concen: 0.836 ug/l
 RT: 11.740 min Scan# 3250
 Delta R.T. 0.003 min
 Lab File: VU063594.D
 Acq: 16 Sep 2025 14:41

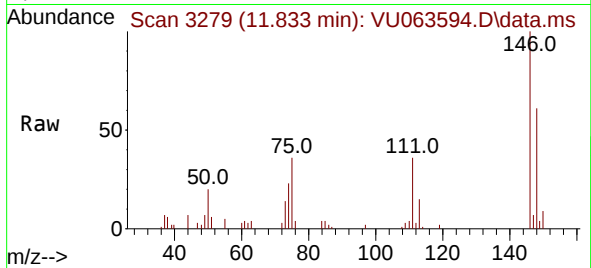
Tgt Ion:	146	Resp:	17527
Ion	Ratio	Lower	Upper
146	100		
111	42.1	32.7	49.1
148	61.6	50.4	75.6



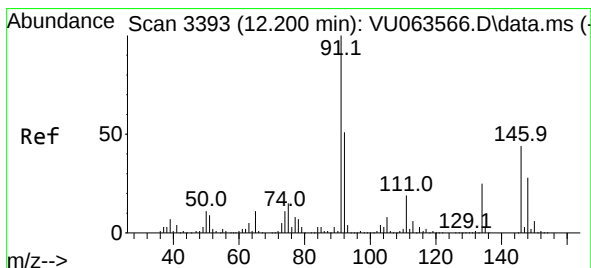
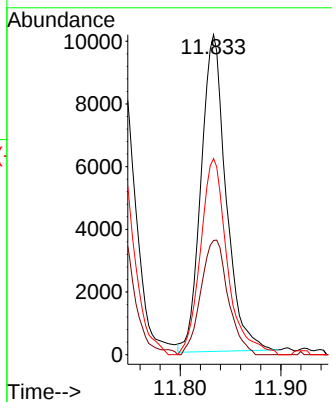
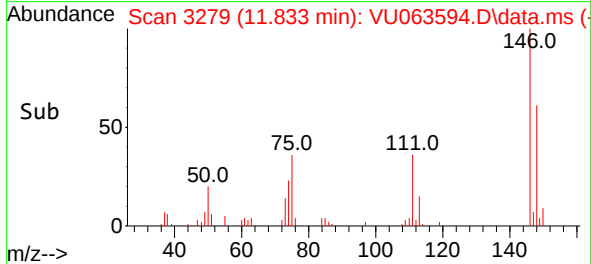


#83
1,4-Dichlorobenzene
Concen: 0.808 ug/l
RT: 11.833 min Scan# 31
Delta R.T. 0.006 min
Lab File: VU063594.D
Acq: 16 Sep 2025 14:41

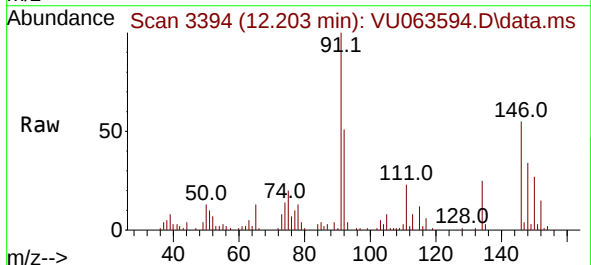
Instrument :
MSVOA_U
ClientSampleId :



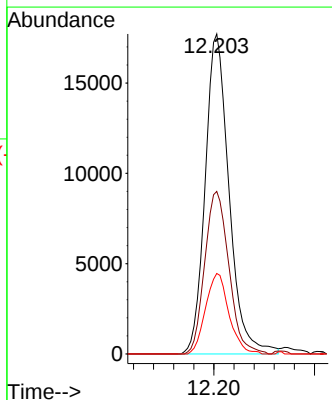
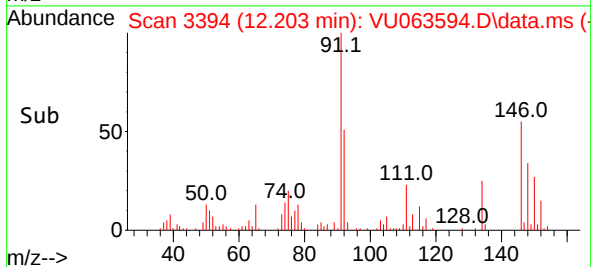
Tgt Ion:146 Resp: 17405
Ion Ratio Lower Upper
146 100
111 39.3 31.6 47.4
148 66.4 51.8 77.8

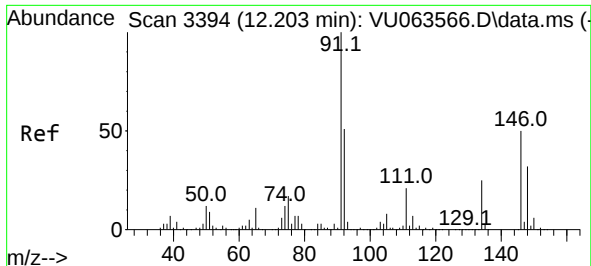


#84
n-Butylbenzene
Concen: 0.788 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. 0.003 min
Lab File: VU063594.D
Acq: 16 Sep 2025 14:41



Tgt Ion: 91 Resp: 29258
Ion Ratio Lower Upper
91 100
92 51.3 41.3 61.9
134 24.6 19.9 29.9

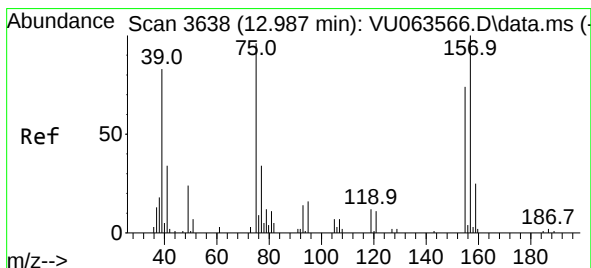
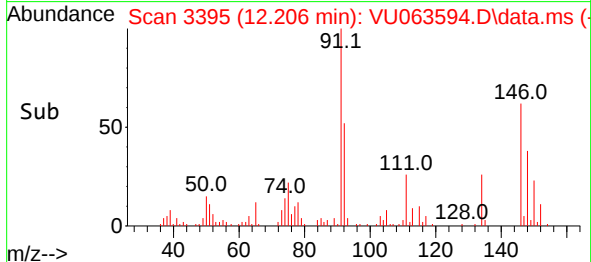
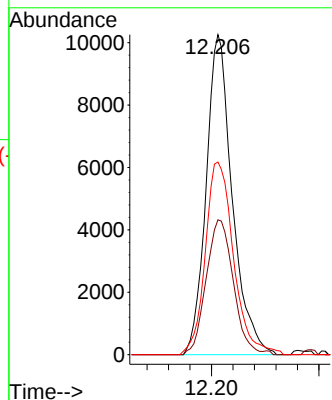
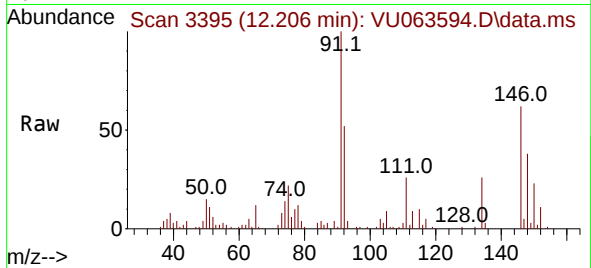




#85
 1,2-Dichlorobenzene
 Concen: 0.855 ug/l
 RT: 12.206 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU063594.D
 Acq: 16 Sep 2025 14:41

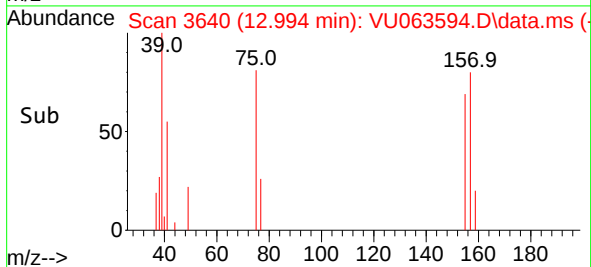
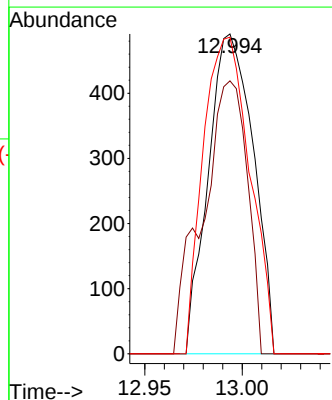
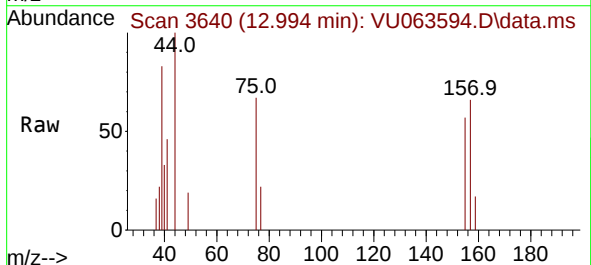
Instrument :
 MSVOA_U
 ClientSampleId :

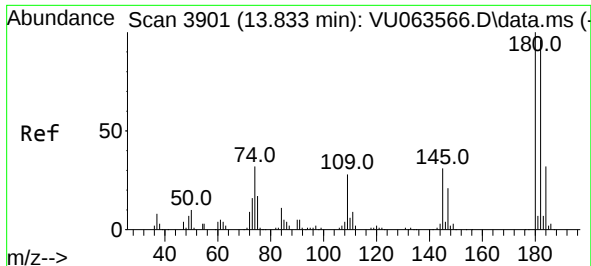
Tgt Ion:146 Resp: 17304
 Ion Ratio Lower Upper
 146 100
 111 43.9 21.0 63.0
 148 65.2 31.8 95.3



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 0.664 ug/l
 RT: 12.994 min Scan# 3640
 Delta R.T. 0.006 min
 Lab File: VU063594.D
 Acq: 16 Sep 2025 14:41

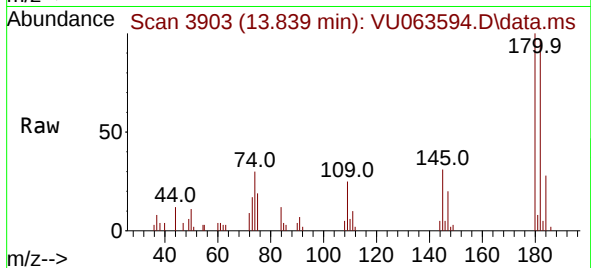
Tgt Ion: 75 Resp: 790
 Ion Ratio Lower Upper
 75 100
 155 84.8 64.1 96.1
 157 102.3 84.2 126.4





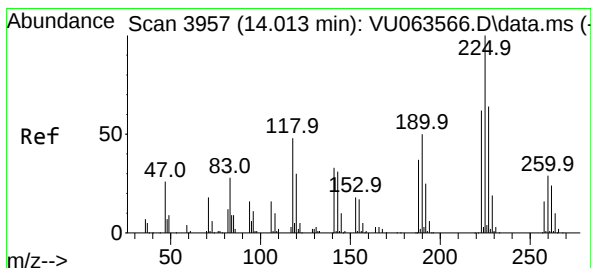
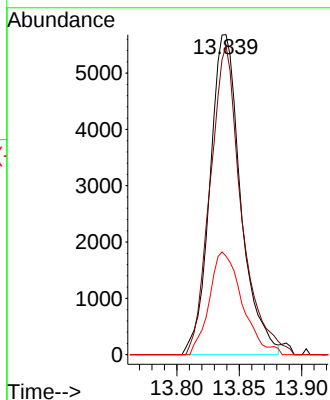
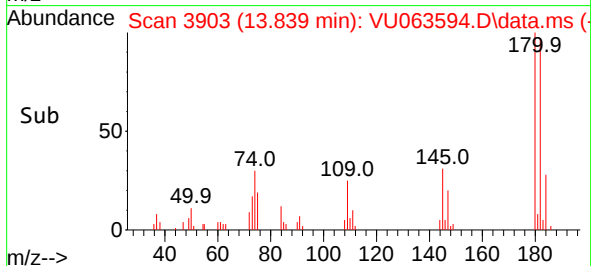
#87
 1,2,4-Trichlorobenzene
 Concen: 0.796 ug/l
 RT: 13.839 min Scan# 3901
 Delta R.T. 0.006 min
 Lab File: VU063594.D
 Acq: 16 Sep 2025 14:41

Instrument :
 MSVOA_U
 ClientSampleId :

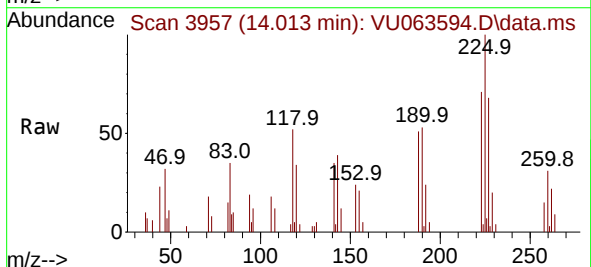


Tgt Ion:180 Resp: 9753

Ion	Ratio	Lower	Upper
180	100		
182	97.5	77.1	115.7
145	34.3	25.0	37.4

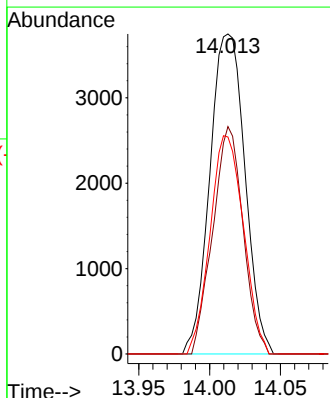
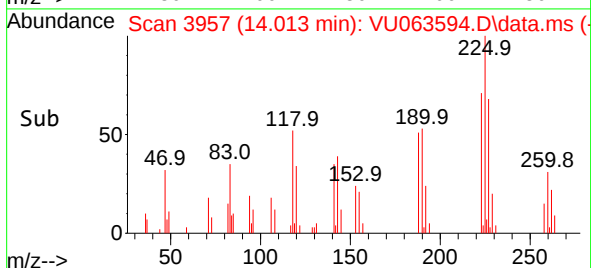


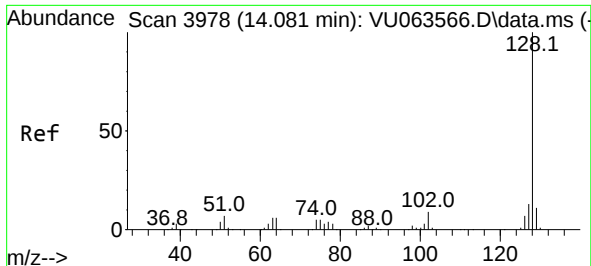
#88
 Hexachlorobutadiene
 Concen: 0.848 ug/l
 RT: 14.013 min Scan# 3957
 Delta R.T. -0.000 min
 Lab File: VU063594.D
 Acq: 16 Sep 2025 14:41



Tgt Ion:225 Resp: 6466

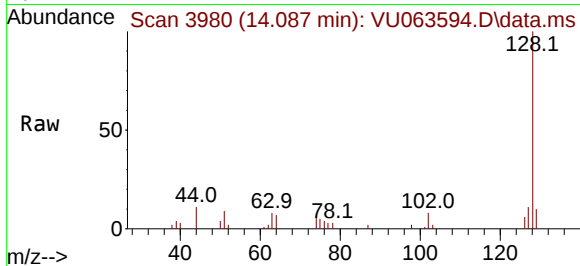
Ion	Ratio	Lower	Upper
225	100		
223	61.2	50.2	75.2
227	64.8	51.6	77.4



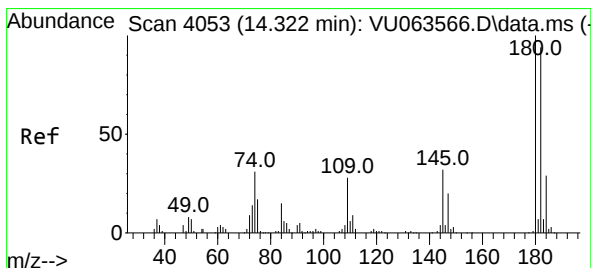
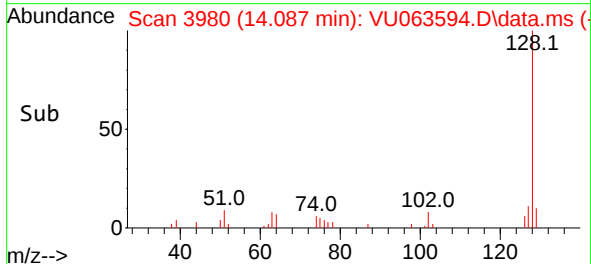
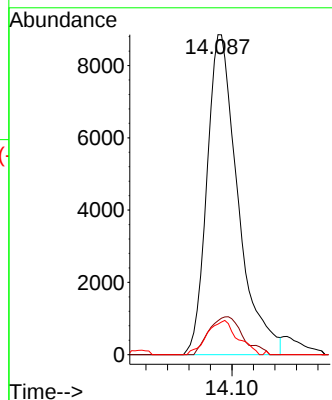


#89
Naphthalene
Concen: 0.817 ug/l
RT: 14.087 min Scan# 3978
Delta R.T. 0.006 min
Lab File: VU063594.D
Acq: 16 Sep 2025 14:41

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	128	Resp:	17684
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.2	15.4
129	10.5	8.6	13.0



#90
1,2,3-Trichlorobenzene
Concen: 0.818 ug/l
RT: 14.325 min Scan# 4054
Delta R.T. 0.003 min
Lab File: VU063594.D
Acq: 16 Sep 2025 14:41

Tgt Ion:	180	Resp:	9512
Ion Ratio	Lower	Upper	
180	100		
182	97.1	76.8	115.2
145	33.8	26.6	40.0

