

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091625\
 Data File : VU063591.D
 Acq On : 16 Sep 2025 13:09
 Operator : MD/SY
 Sample : Q2893-08
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 17 03:29:54 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	6.097	96	33241	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	10772	0.870	ug/l	0.00
Spiked Amount 1.000			Recovery	=	87.000%	
68) 1,2-Dichlorobenzene-d4	12.183	152	11475	0.909	ug/l	0.00
Spiked Amount 1.000			Recovery	=	91.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	11071	1.009	ug/l	99
3) Chloromethane	1.518	50	10856	1.011	ug/l	92
4) Vinyl Chloride	1.599	62	11644	1.000	ug/l	93
5) Bromomethane	1.840	94	7768	1.081	ug/l	96
6) Chloroethane	1.920	64	7832	1.047	ug/l	93
7) Trichlorofluoromethane	2.126	101	17861	1.046	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	9571	1.001	ug/l	97
9) 1,1-Dichloroethene	2.567	96	8723	1.007	ug/l	98
10) Iodomethane	2.708	142	11526	0.925	ug/l	99
11) Allyl Chloride	2.911	41	14477	1.005	ug/l	93
12) Acrylonitrile	3.306	53	5423	2.068	ug/l	97
13) Acetone	2.618	43	15754	4.244	ug/l	99
14) Carbon Disulfide	2.779	76	15576	0.861	ug/l	# 95
15) Methylene Chloride	3.030	84	12902	1.127	ug/l	98
16) trans-1,2-Dichloroethene	3.338	96	9602	1.040	ug/l	97
17) 1,1-Dichloroethane	3.849	63	20651	0.977	ug/l	98
18) 2-Butanone	4.714	43	20145	4.765	ug/l	91
19) Cyclohexane	5.357	56	16381	0.967	ug/l	93
20) Methylcyclohexane	6.737	83	14515	0.935	ug/l	96
21) 2,2-Dichloropropane	4.647	77	14945	0.956	ug/l	99
22) cis-1,2-Dichloroethene	4.647	96	11514	1.016	ug/l	100
23) Diethyl Ether	2.370	59	7940	1.034	ug/l	96
24) tert-Butyl Alcohol	3.187	59	10724	10.538	ug/l	# 84
25) Methyl tert-Butyl Ether	3.361	73	25958	1.003	ug/l	94
26) Bromochloromethane	4.955	128	4685	1.023	ug/l	94
27) Chloroform	5.071	83	22300	1.054	ug/l	96
28) 1,1,1-Trichloroethane	5.293	97	15621	0.960	ug/l	96
29) 1,1-Dichloropropene	5.502	75	14372	0.951	ug/l	95
30) Carbon Tetrachloride	5.499	117	10620	0.887	ug/l	96
31) Isopropyl Ether	3.994	45	37441	1.057	ug/l	99
32) Ethyl-t-butyl ether	4.499	59	31831	1.051	ug/l	99
33) Tert-Amyl methyl ether	5.939	73	25546	0.991	ug/l	98
34) Propionitrile	4.772	54	5440	5.501	ug/l	# 91
35) Benzene	5.753	78	44756	1.029	ug/l	99
36) 1,2-Dichloroethane	5.779	62	15805	1.077	ug/l	97
37) Trichloroethene	6.528	130	10125	0.935	ug/l	94
38) 1,2-Dichloropropane	6.779	63	11079	0.961	ug/l	95
39) Methacrylonitrile	4.978	41	5653	1.211	ug/l	# 83
40) Methyl acrylate	4.849	55	6064	0.948	ug/l	# 98
41) Tetrahydrofuran	5.058	42	5446	2.238	ug/l	93
42) 1-Chlorobutane	5.441	56	20898	0.986	ug/l	98
43) Dibromomethane	6.907	93	5216	0.944	ug/l	97
44) Bromodichloromethane	7.094	83	10952	0.928	ug/l	99

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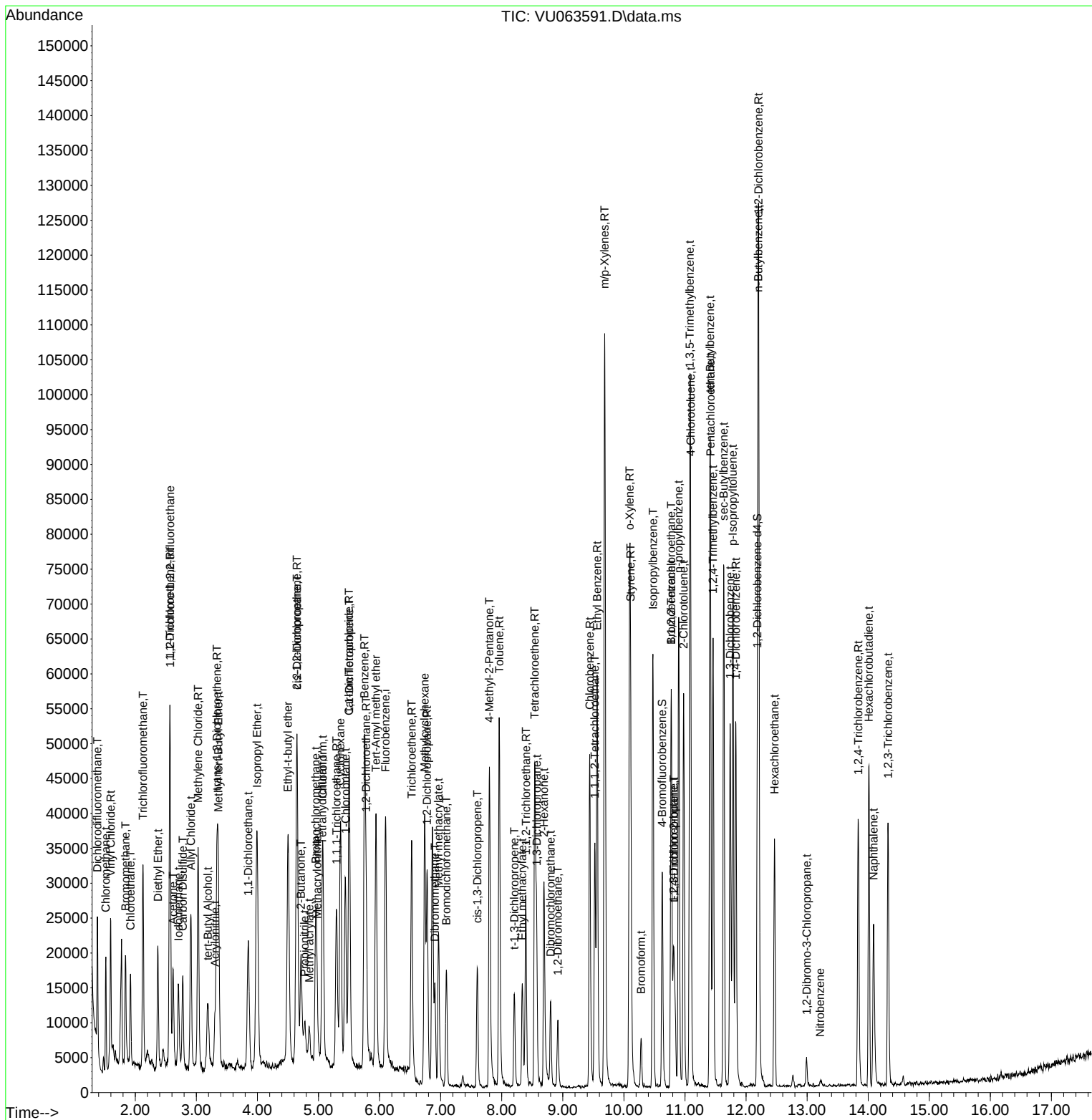
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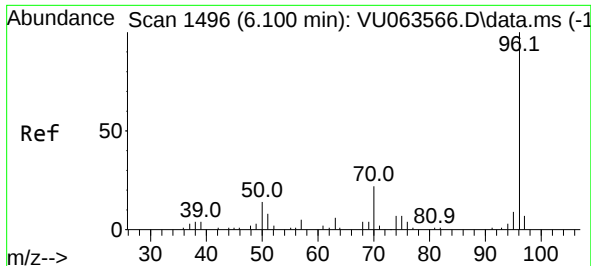
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Sep 17 03:28:19 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.798	43	33343	4.818	ug/l	97
46) t-1,4-Dichloro-2-butene	10.817	75	10097	3.899	ug/l #	64
47) Methyl methacrylate	6.965	69	9066	1.834	ug/l	94
48) Ethyl methacrylate	8.335	69	8901	0.971	ug/l	100
49) Toluene	7.959	92	22661	0.960	ug/l	99
50) t-1,3-Dichloropropene	8.206	75	7654	0.865	ug/l #	86
51) cis-1,3-Dichloropropene	7.598	75	9998	0.850	ug/l	95
52) 1,1,2-Trichloroethane	8.396	97	7776	0.994	ug/l	98
53) 1,3-Dichloropropane	8.573	76	13553	0.997	ug/l	98
54) 2-Hexanone	8.692	43	22272	4.404	ug/l	97
55) Dibromochloromethane	8.801	129	6099	0.805	ug/l	97
56) 1,2-Dibromoethane	8.920	107	6430	0.953	ug/l	100
58) Tetrachloroethene	8.541	164	10090	0.946	ug/l	96
59) Chlorobenzene	9.441	112	26582	0.977	ug/l	93
60) 1,1,1,2-Tetrachloroethane	9.524	131	7500	0.844	ug/l	91
61) Pentachloroethane	11.418	117	5715	0.897	ug/l	94
62) Hexachloroethane	12.466	117	4676	0.844	ug/l	94
63) Ethyl Benzene	9.563	91	43447	0.935	ug/l	97
64) m/p-Xylenes	9.685	106	32742	1.834	ug/l	98
65) o-Xylene	10.094	106	15812	0.885	ug/l	96
66) Styrene	10.110	104	25576	0.897	ug/l	98
67) Bromoform	10.283	173	3246	0.860	ug/l #	95
69) Isopropylbenzene	10.476	105	40070	0.924	ug/l	95
70) 1,1,2,2-Tetrachloroethane	10.775	83	9874	0.991	ug/l	96
71) 1,2,3-Trichloropropane	10.817	75	10097	1.368	ug/l #	80
72) Bromobenzene	10.775	156	11116	0.988	ug/l	88
73) n-propylbenzene	10.897	120	11555	0.922	ug/l	97
74) 2-Chlorotoluene	10.978	126	10098	0.891	ug/l	96
75) 1,3,5-Trimethylbenzene	11.081	105	36831	0.908	ug/l	100
76) 4-Chlorotoluene	11.094	126	10788	0.909	ug/l	100
77) tert-Butylbenzene	11.412	119	35363	0.902	ug/l	97
78) 1,2,4-Trimethylbenzene	11.460	105	36279	0.919	ug/l	99
79) sec-Butylbenzene	11.634	105	50063	0.942	ug/l	99
80) Nitrobenzene	13.212	77	309	2.260	ug/l #	81
81) p-Isopropyltoluene	11.785	119	38742	0.906	ug/l	97
82) 1,3-Dichlorobenzene	11.740	146	21808	0.963	ug/l	98
83) 1,4-Dichlorobenzene	11.833	146	21135	0.909	ug/l	98
84) n-Butylbenzene	12.203	91	36989	0.923	ug/l	97
85) 1,2-Dichlorobenzene	12.206	146	20841	0.954	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.994	75	1129	0.880	ug/l	89
87) 1,2,4-Trichlorobenzene	13.836	180	12707	0.961	ug/l	96
88) Hexachlorobutadiene	14.010	225	7500	0.911	ug/l	99
89) Naphthalene	14.087	128	23541	1.007	ug/l	98
90) 1,2,3-Trichlorobenzene	14.325	180	11956	0.953	ug/l	98

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

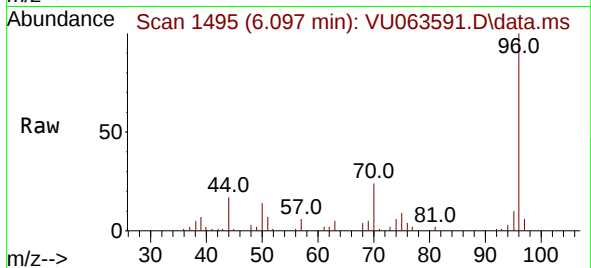
Quant Time: Sep 17 03:29:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U091225DW.M
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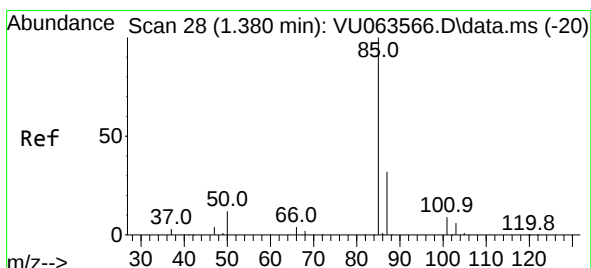
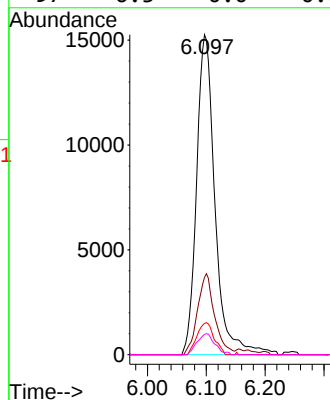
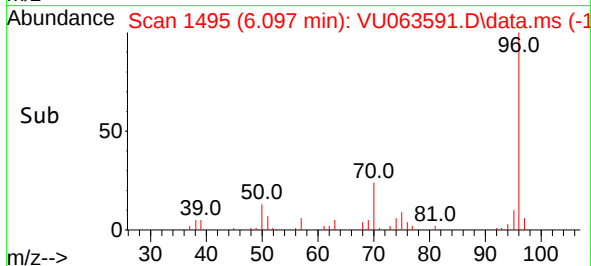


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.097 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU063591.D
Acq: 16 Sep 2025 13:09

Instrument :
MSVOA_U
ClientSampleId :

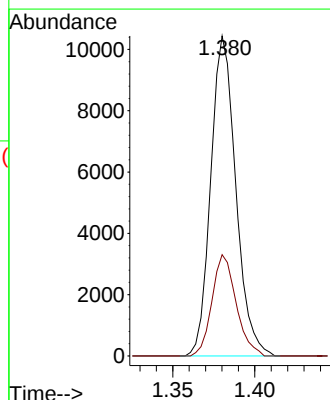
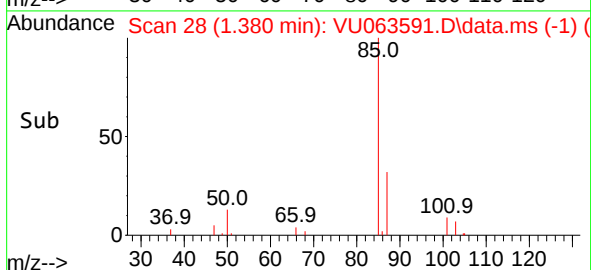
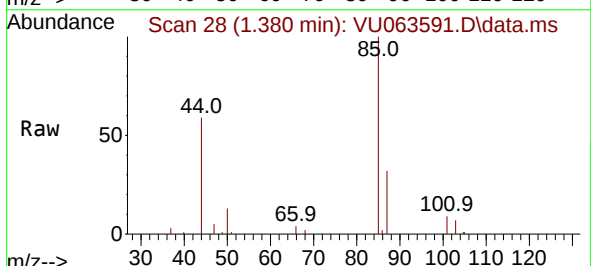


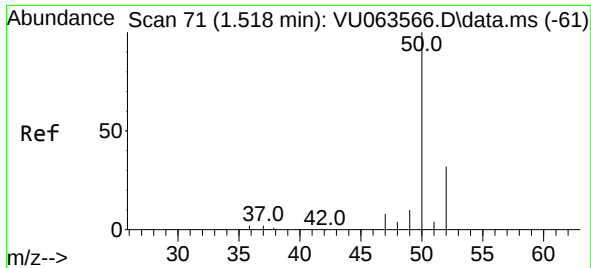
Tgt Ion: 96 Resp: 33241
Ion Ratio Lower Upper
96 100
70 22.0 15.5 23.3
95 9.3 7.7 11.5
97 6.3 0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 1.009 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU063591.D
Acq: 16 Sep 2025 13:09

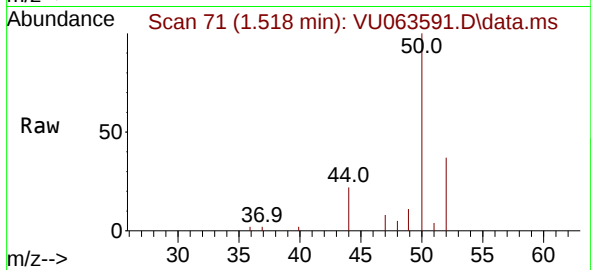
Tgt Ion: 85 Resp: 11071
Ion Ratio Lower Upper
85 100
87 31.7 16.1 48.2



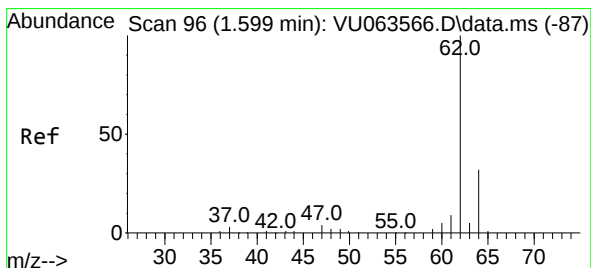
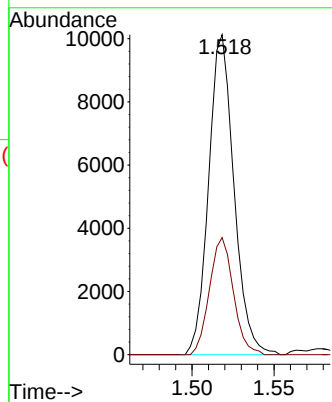
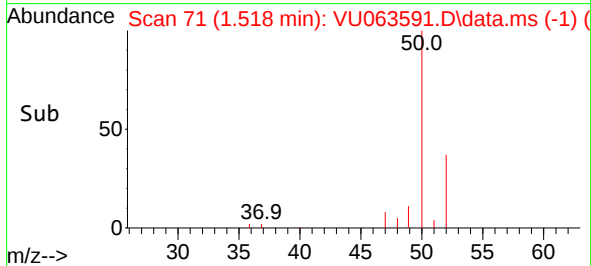


#3
Chloromethane
Concen: 1.011 ug/l
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU063591.D
Acq: 16 Sep 2025 13:09

Instrument :
MSVOA_U
ClientSampleId :

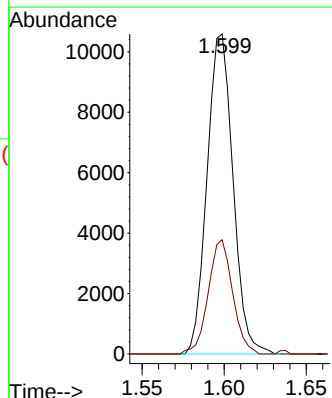
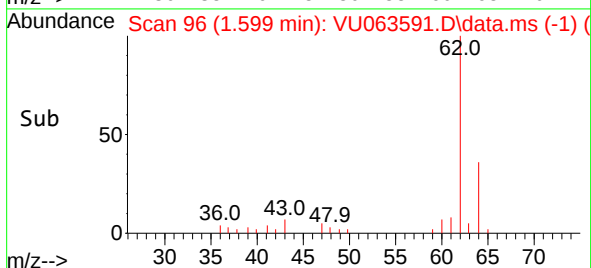
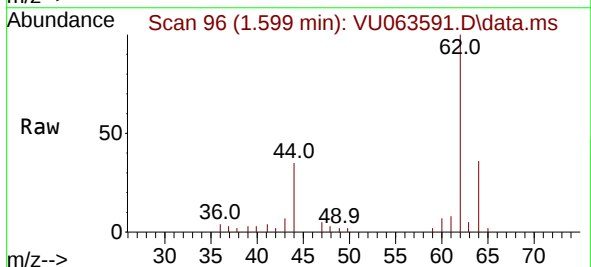


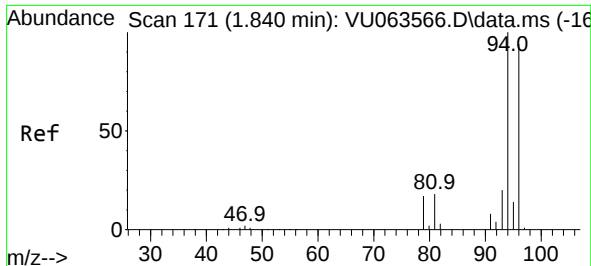
Tgt Ion: 50 Resp: 10856
Ion Ratio Lower Upper
50 100
52 36.6 25.6 38.4



#4
Vinyl Chloride
Concen: 1.000 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063591.D
Acq: 16 Sep 2025 13:09

Tgt Ion: 62 Resp: 11644
Ion Ratio Lower Upper
62 100
64 35.7 25.5 38.3

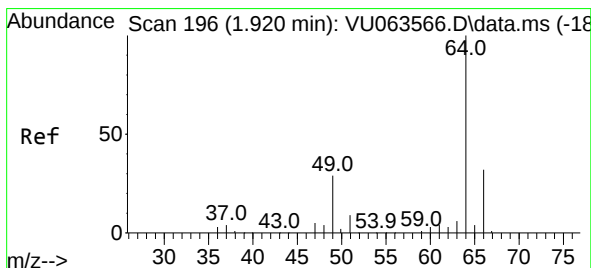
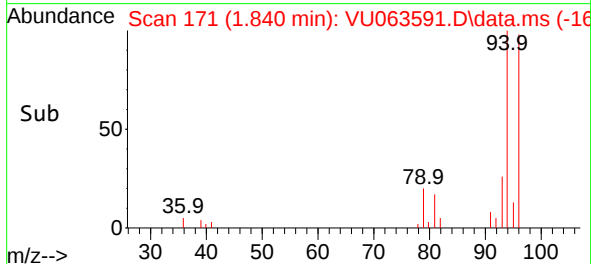
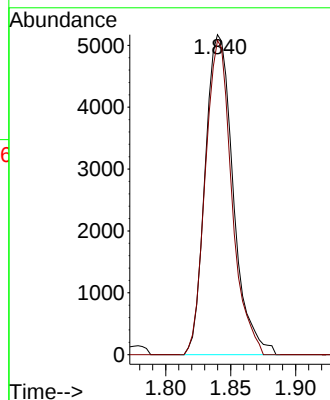
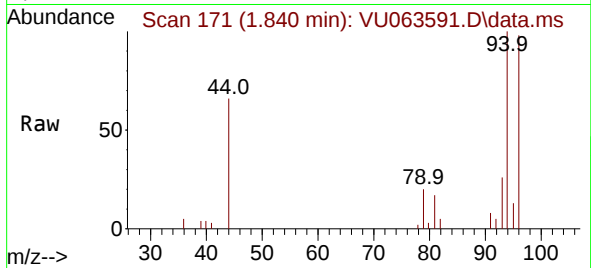




#5
Bromomethane
Concen: 1.081 ug/l
RT: 1.840 min Scan# 171
Delta R.T. -0.000 min
Lab File: VU063591.D
Acq: 16 Sep 2025 13:09

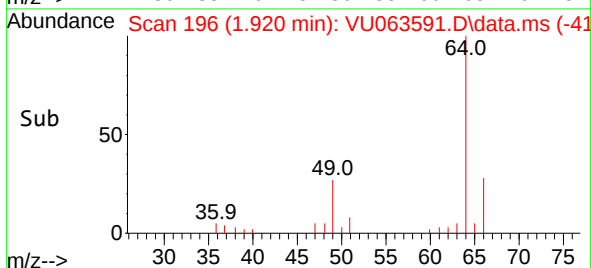
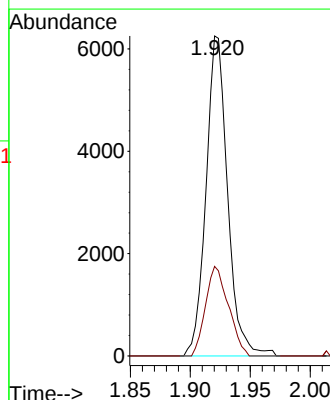
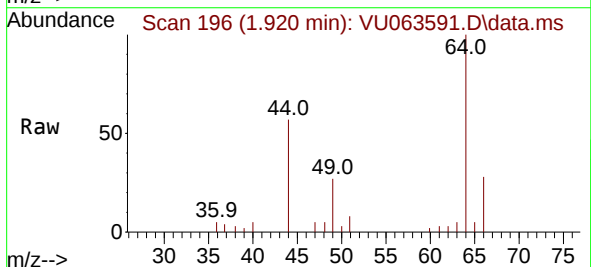
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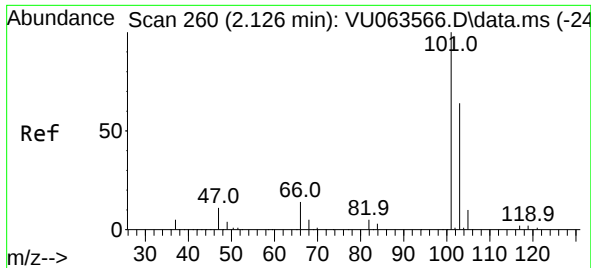
Tgt Ion: 94 Resp: 7768
Ion Ratio Lower Upper
94 100
96 98.2 75.1 112.7



#6
Chloroethane
Concen: 1.047 ug/l
RT: 1.920 min Scan# 196
Delta R.T. -0.000 min
Lab File: VU063591.D
Acq: 16 Sep 2025 13:09

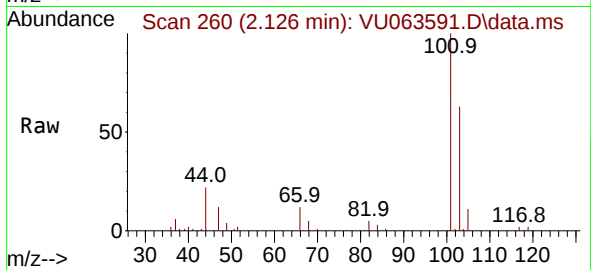
Tgt Ion: 64 Resp: 7832
Ion Ratio Lower Upper
64 100
66 28.0 25.4 38.0



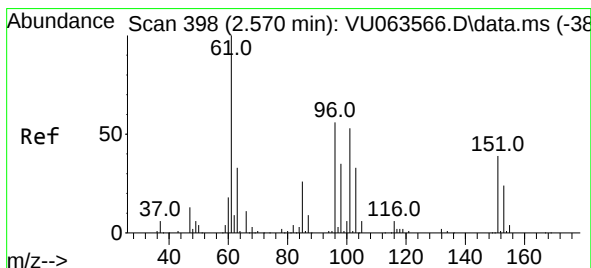
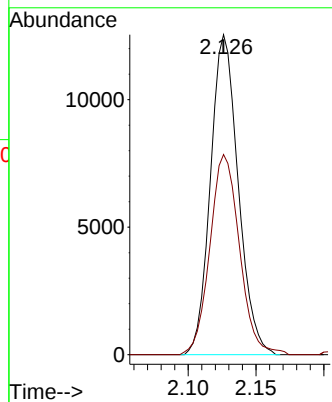
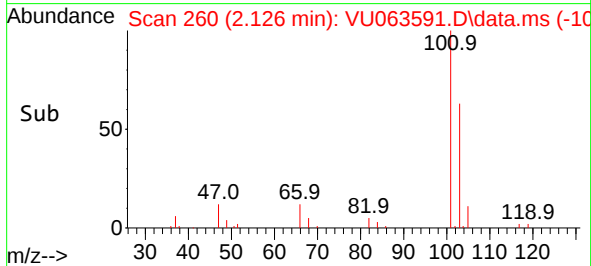


#7
 Trichlorofluoromethane
 Concen: 1.046 ug/l
 RT: 2.126 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VU063591.D
 Acq: 16 Sep 2025 13:09

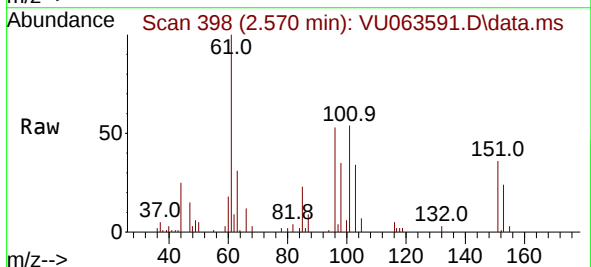
Instrument :
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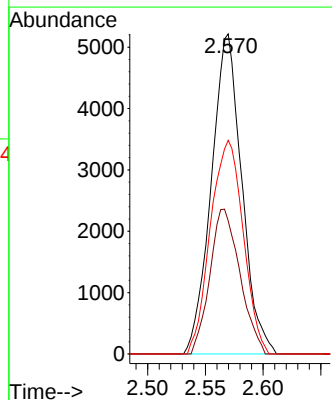
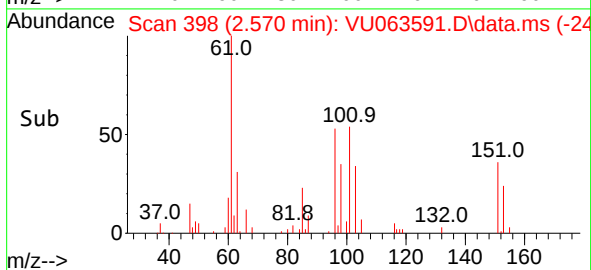
Tgt Ion:101 Resp: 17861
 Ion Ratio Lower Upper
 101 100
 103 62.6 50.8 76.2

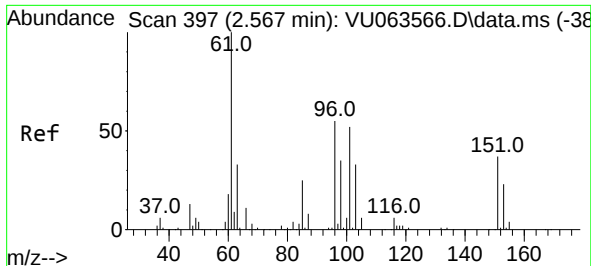


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.001 ug/l
 RT: 2.570 min Scan# 398
 Delta R.T. -0.000 min
 Lab File: VU063591.D
 Acq: 16 Sep 2025 13:09



Tgt Ion:101 Resp: 9571
 Ion Ratio Lower Upper
 101 100
 85 44.6 38.7 58.1
 151 71.7 58.2 87.2

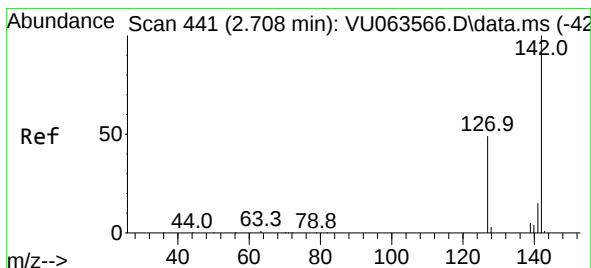
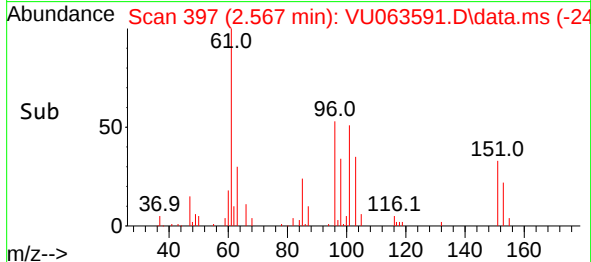
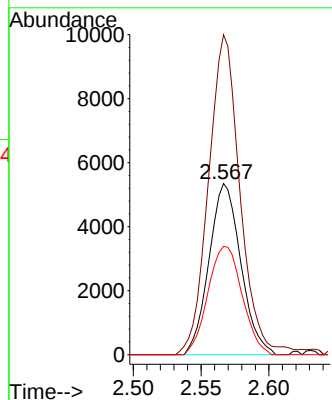
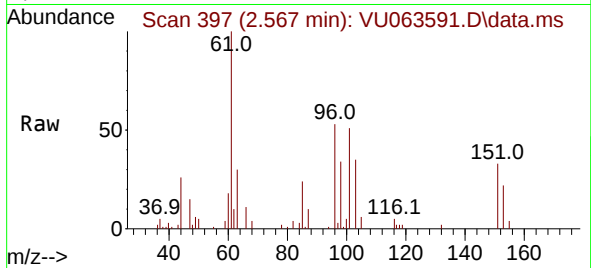




#9
1,1-Dichloroethene
Concen: 1.007 ug/l
RT: 2.567 min Scan# 397
Delta R.T. -0.000 min
Lab File: VU063591.D
Acq: 16 Sep 2025 13:09

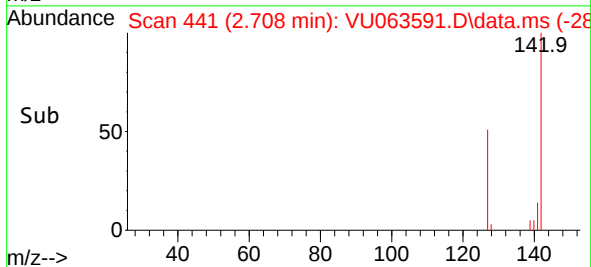
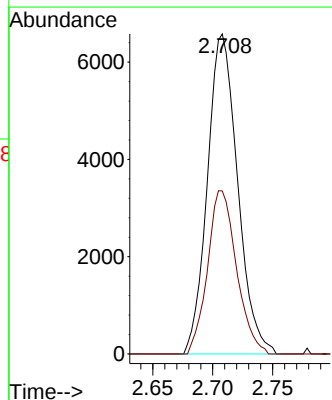
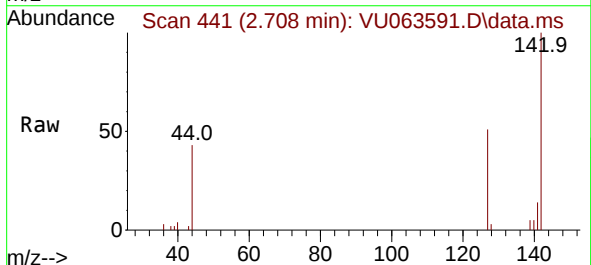
Instrument :
MSVOA_U
ClientSampleId :

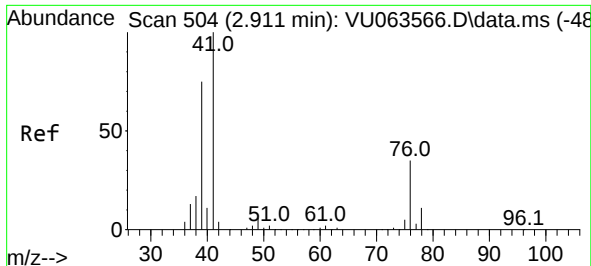
Tgt Ion: 96 Resp: 8723
Ion Ratio Lower Upper
96 100
61 184.8 0.0 543.9
98 63.3 0.0 125.8



#10
Iodomethane
Concen: 0.925 ug/l
RT: 2.708 min Scan# 441
Delta R.T. -0.000 min
Lab File: VU063591.D
Acq: 16 Sep 2025 13:09

Tgt Ion:142 Resp: 11526
Ion Ratio Lower Upper
142 100
127 49.0 38.6 58.0





#11

Allyl Chloride

Concen: 1.005 ug/l

RT: 2.911 min Scan# 504

Delta R.T. -0.000 min

Lab File: VU063591.D

Acq: 16 Sep 2025 13:09

Instrument :

MSVOA_U

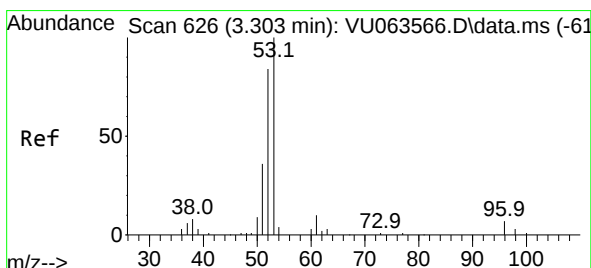
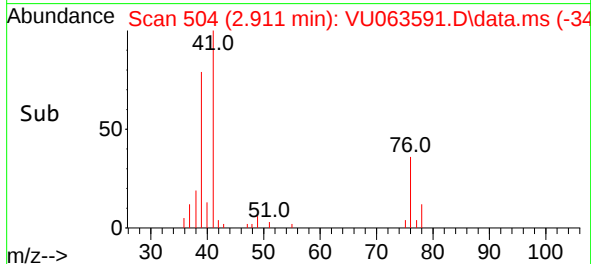
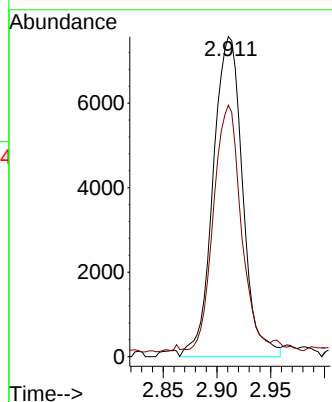
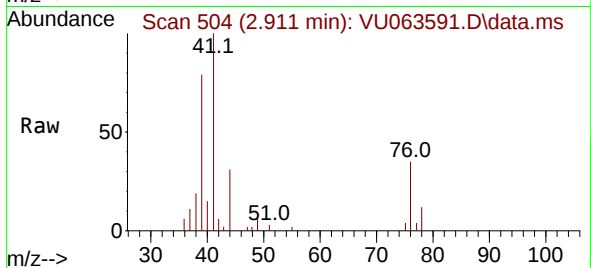
ClientSampleId :

Tgt Ion: 41 Resp: 14477

Ion Ratio Lower Upper

41 100

39 70.7 61.2 91.8



#12

Acrylonitrile

Concen: 2.068 ug/l

RT: 3.306 min Scan# 627

Delta R.T. 0.003 min

Lab File: VU063591.D

Acq: 16 Sep 2025 13:09

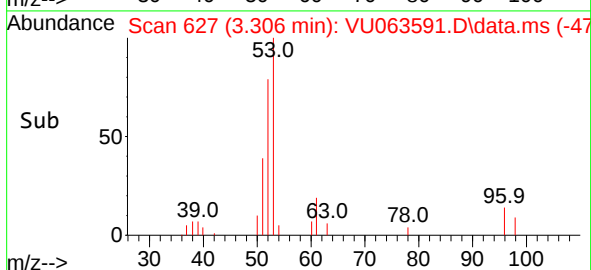
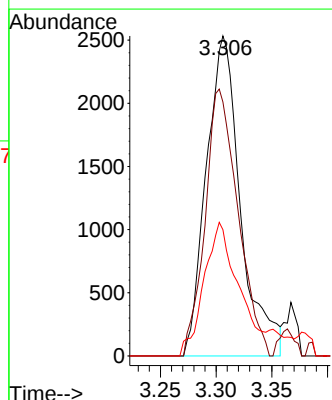
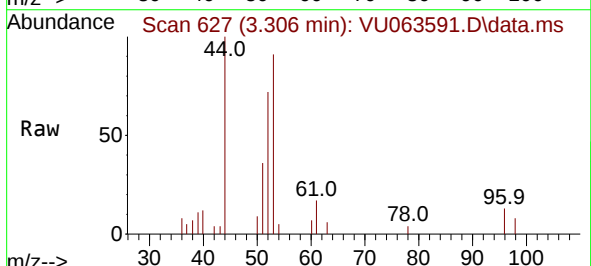
Tgt Ion: 53 Resp: 5423

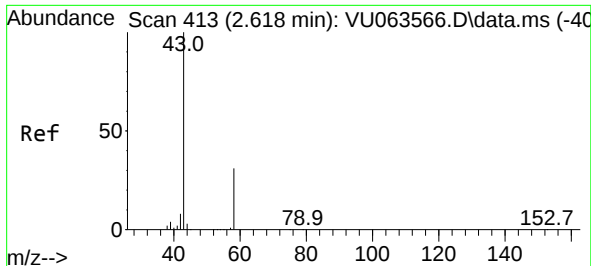
Ion Ratio Lower Upper

53 100

52 80.0 65.0 97.4

51 42.5 31.2 46.8





#13

Acetone

Concen: 4.244 ug/l

RT: 2.618 min Scan# 413

Delta R.T. -0.000 min

Lab File: VU063591.D

Acq: 16 Sep 2025 13:09

Instrument :

MSVOA_U

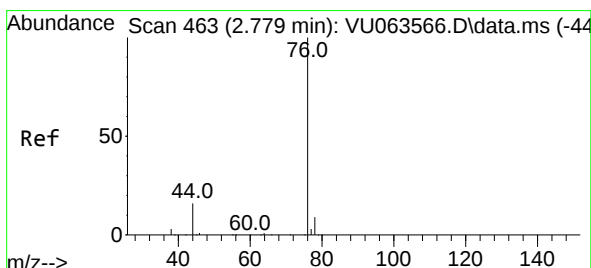
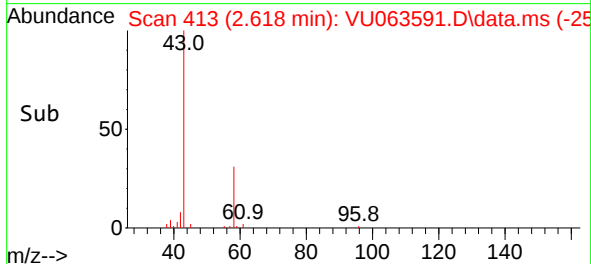
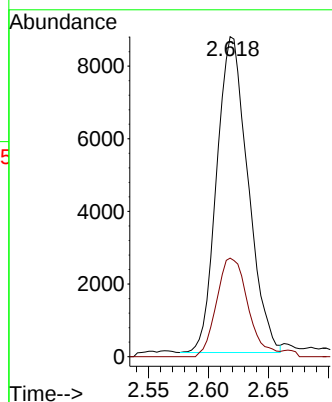
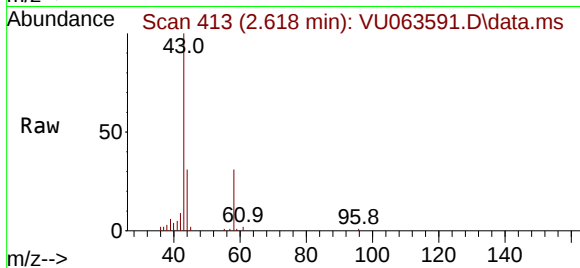
ClientSampleId :

Tgt Ion: 43 Resp: 15754

Ion Ratio Lower Upper

43 100

58 31.2 24.7 37.1



#14

Carbon Disulfide

Concen: 0.861 ug/l

RT: 2.779 min Scan# 463

Delta R.T. -0.000 min

Lab File: VU063591.D

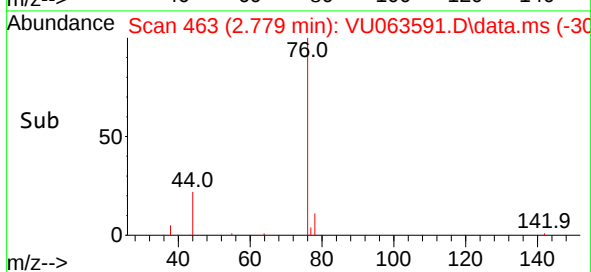
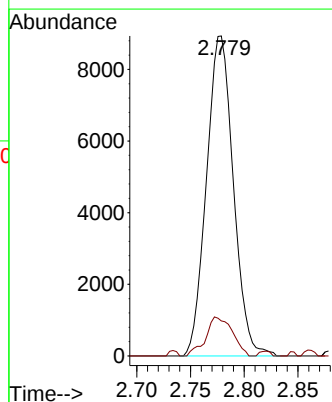
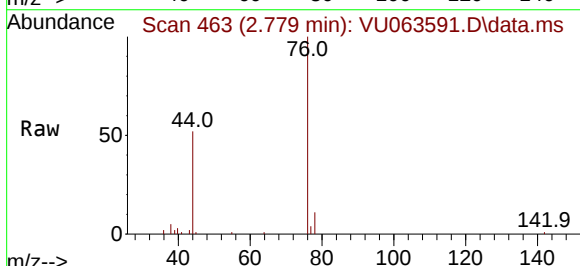
Acq: 16 Sep 2025 13:09

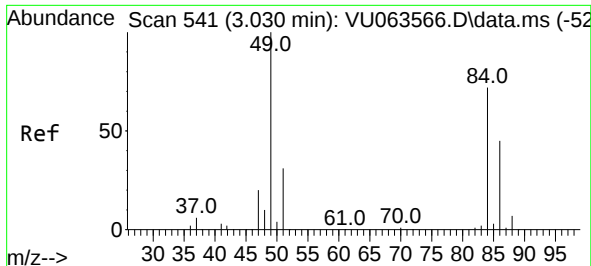
Tgt Ion: 76 Resp: 15576

Ion Ratio Lower Upper

76 100

78 11.0 7.3 10.9#

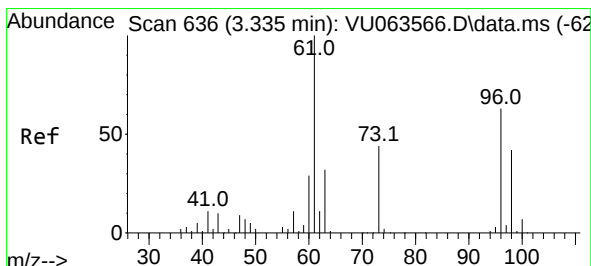
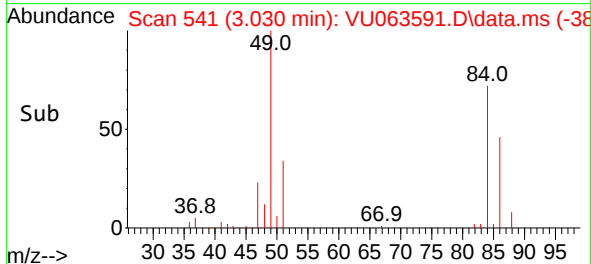
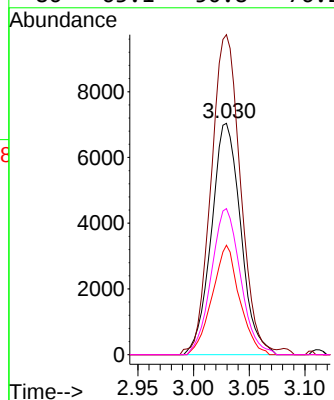
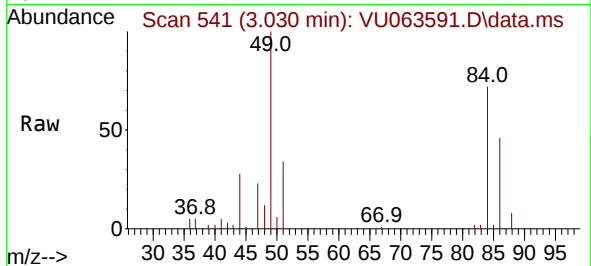




#15
Methylene Chloride
Concen: 1.127 ug/l
RT: 3.030 min Scan# 541
Delta R.T. -0.000 min
Lab File: VU063591.D
Acq: 16 Sep 2025 13:09

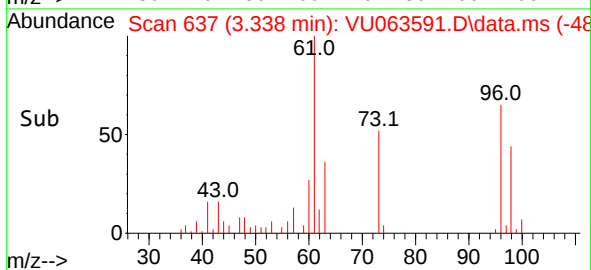
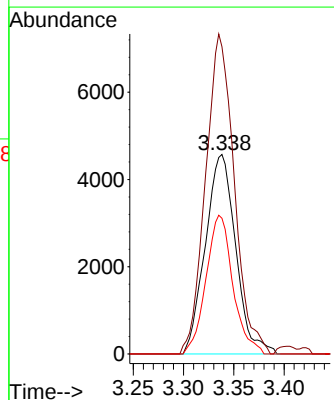
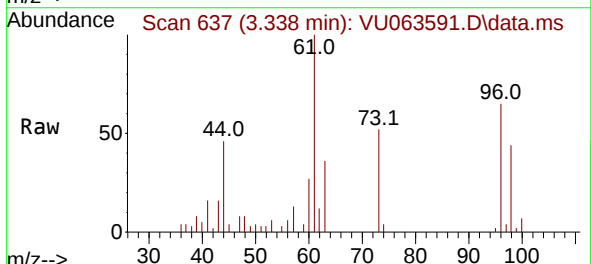
Instrument :
MSVOA_U
ClientSampleId :

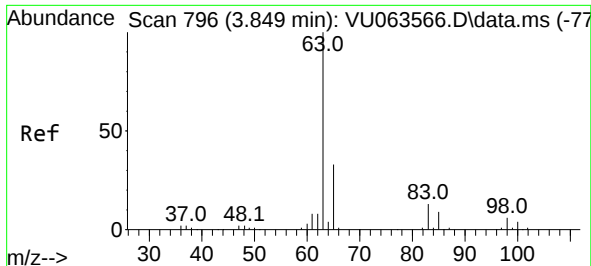
Tgt Ion:	84	Resp:	12902
Ion	Ratio	Lower	Upper
84	100		
49	138.3	111.8	167.6
51	47.3	0.0	86.0
86	63.1	50.8	76.2



#16
trans-1,2-Dichloroethene
Concen: 1.040 ug/l
RT: 3.338 min Scan# 637
Delta R.T. 0.003 min
Lab File: VU063591.D
Acq: 16 Sep 2025 13:09

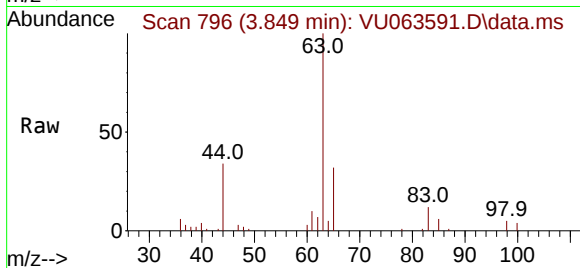
Tgt Ion:	96	Resp:	9602
Ion	Ratio	Lower	Upper
96	100		
61	154.0	127.8	191.6
98	68.1	53.8	80.8



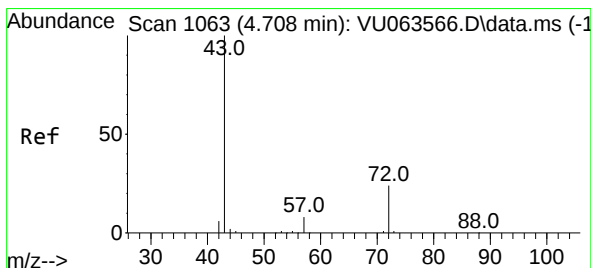
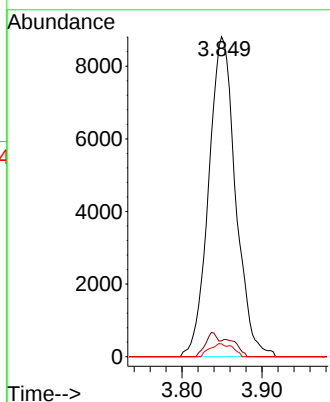
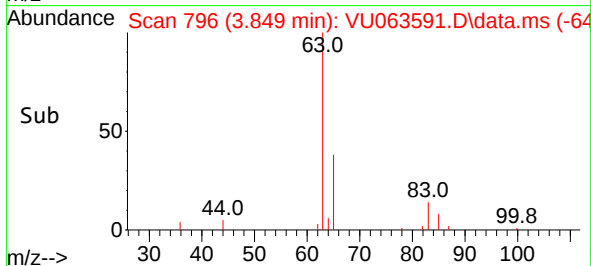


#17
1,1-Dichloroethane
Concen: 0.977 ug/l
RT: 3.849 min Scan# 796
Delta R.T. -0.000 min
Lab File: VU063591.D
Acq: 16 Sep 2025 13:09

Instrument :
MSVOA_U
ClientSampleId :

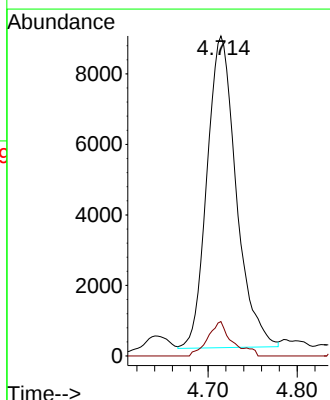
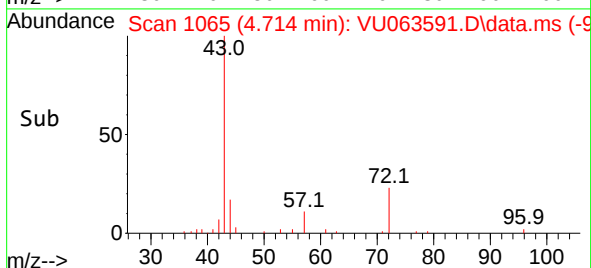
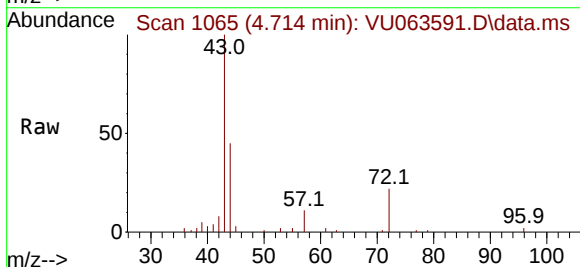


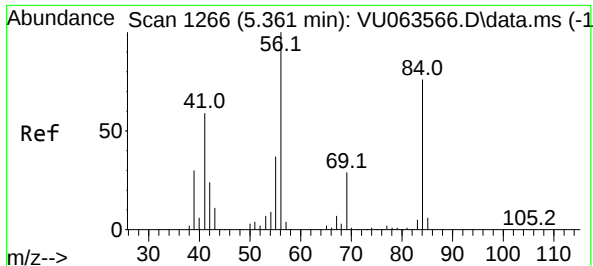
Tgt Ion: 63 Resp: 20651
Ion Ratio Lower Upper
63 100
98 5.0 2.9 8.8
100 4.0 2.0 5.8



#18
2-Butanone
Concen: 4.765 ug/l
RT: 4.714 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VU063591.D
Acq: 16 Sep 2025 13:09

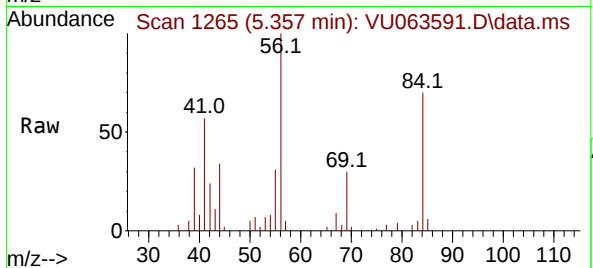
Tgt Ion: 43 Resp: 20145
Ion Ratio Lower Upper
43 100
57 11.1 0.0 15.8



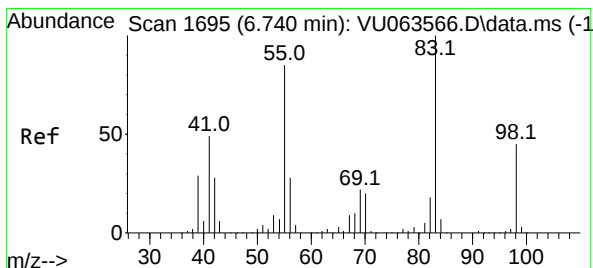
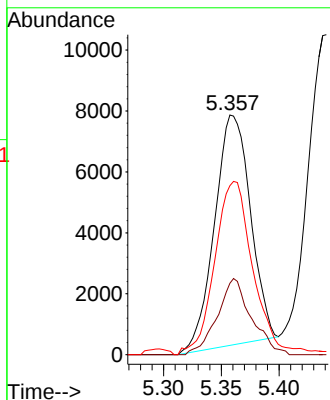
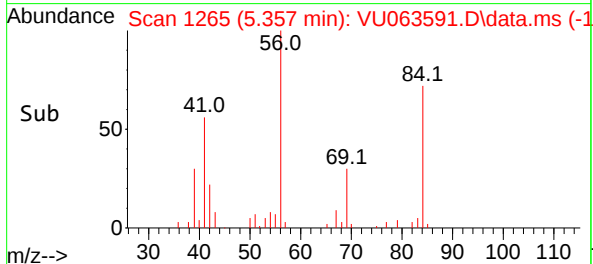


#19
Cyclohexane
Concen: 0.967 ug/l
RT: 5.357 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU063591.D
Acq: 16 Sep 2025 13:09

Instrument :
MSVOA_U
ClientSampleId :

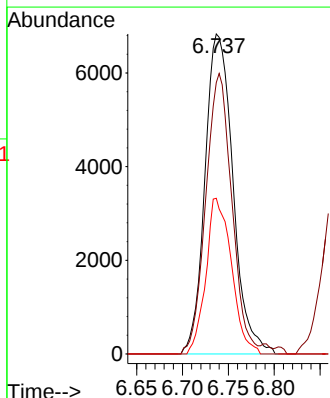
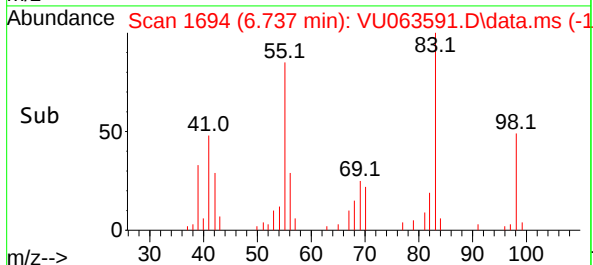
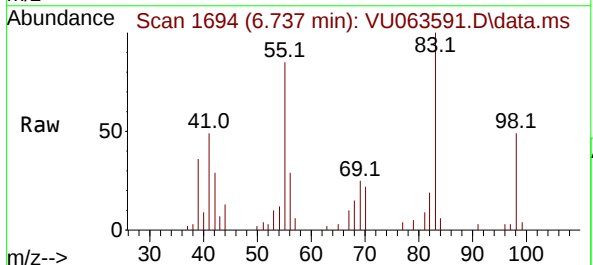


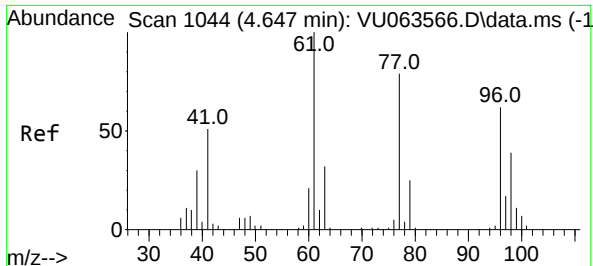
Tgt Ion: 56 Resp: 16381
Ion Ratio Lower Upper
56 100
69 31.4 22.7 34.1
84 80.5 59.4 89.0



#20
Methylcyclohexane
Concen: 0.935 ug/l
RT: 6.737 min Scan# 1694
Delta R.T. -0.003 min
Lab File: VU063591.D
Acq: 16 Sep 2025 13:09

Tgt Ion: 83 Resp: 14515
Ion Ratio Lower Upper
83 100
55 78.4 66.7 100.1
98 44.4 35.9 53.9





#21

2,2-Dichloropropane

Concen: 0.956 ug/l

RT: 4.647 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VU063591.D

Acq: 16 Sep 2025 13:09

Instrument :

MSVOA_U

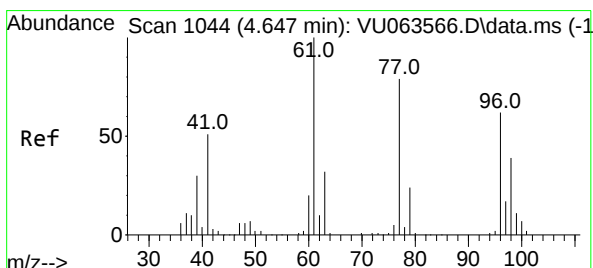
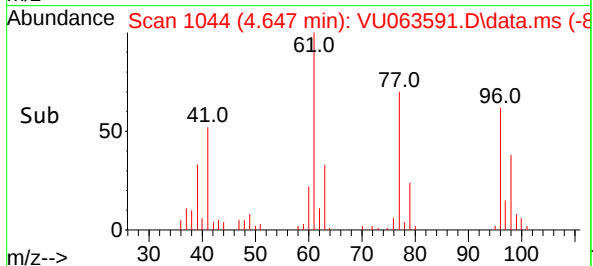
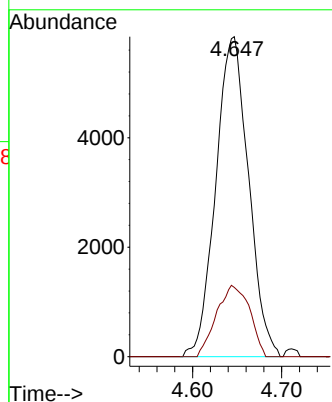
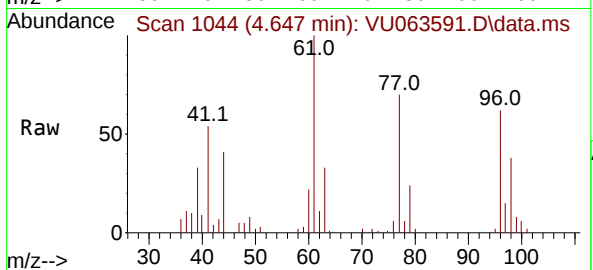
ClientSampleId :

Tgt Ion: 77 Resp: 14945

Ion Ratio Lower Upper

77 100

97 22.5 17.5 26.3



#22

cis-1,2-Dichloroethene

Concen: 1.016 ug/l

RT: 4.647 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VU063591.D

Acq: 16 Sep 2025 13:09

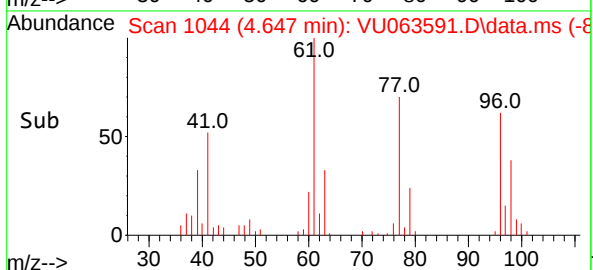
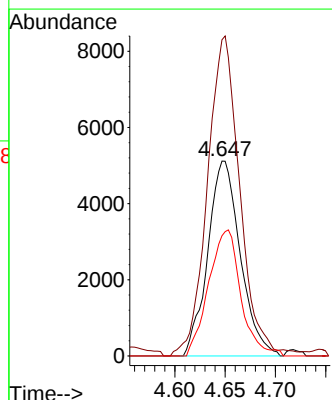
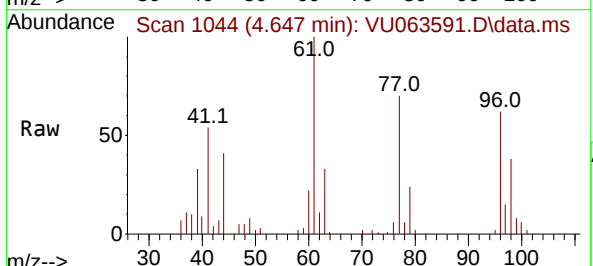
Tgt Ion: 96 Resp: 11514

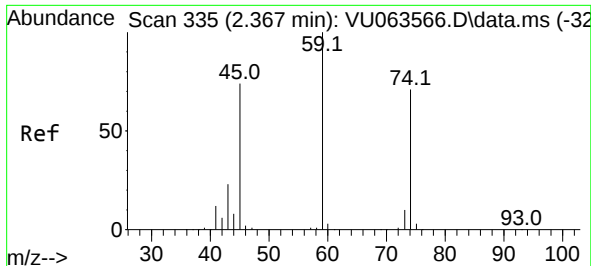
Ion Ratio Lower Upper

96 100

61 163.6 0.0 411.0

98 63.9 31.9 95.9

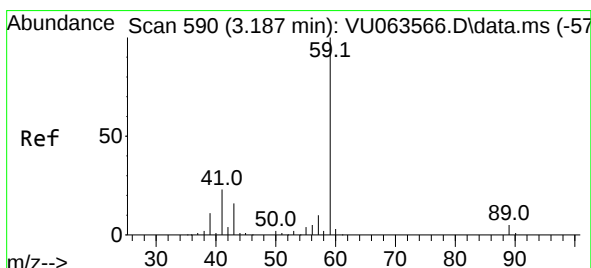
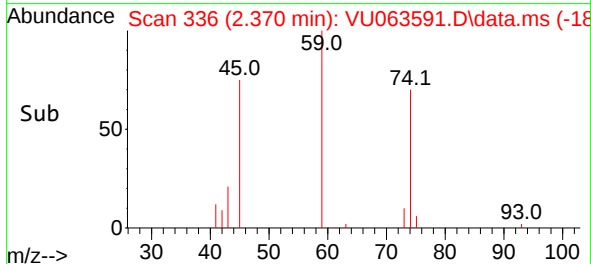
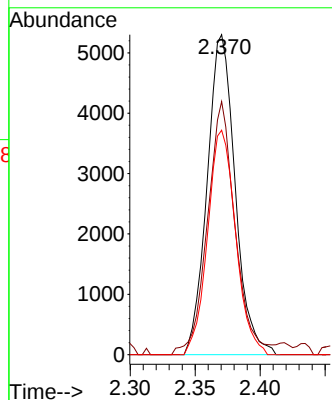
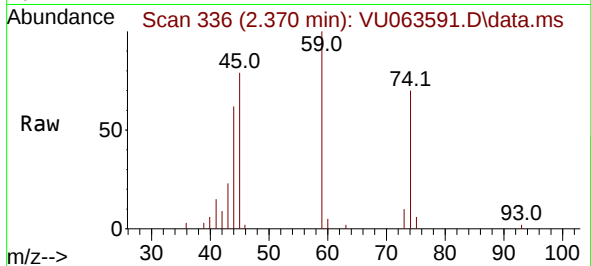




#23
Diethyl Ether
Concen: 1.034 ug/l
RT: 2.370 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063591.D
Acq: 16 Sep 2025 13:09

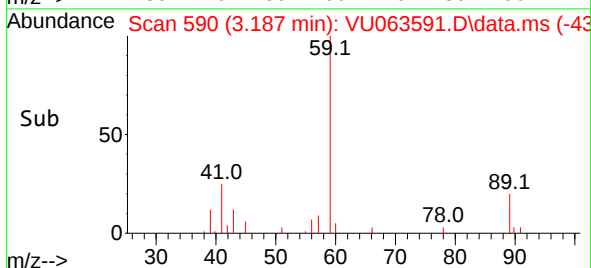
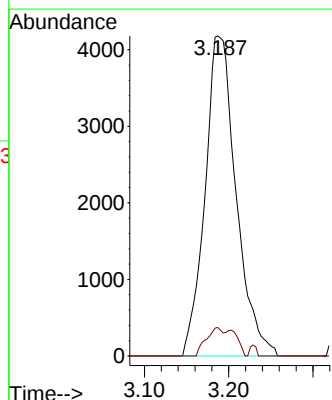
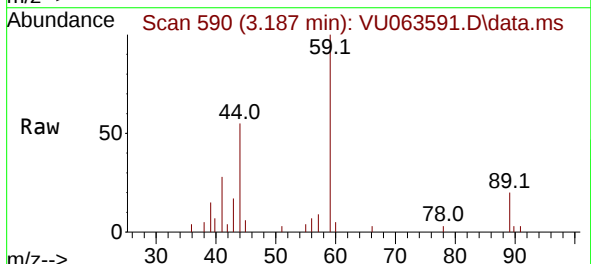
Instrument :
MSVOA_U
ClientSampleId :

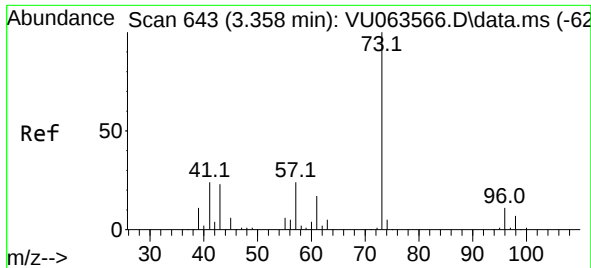
Tgt Ion: 59 Resp: 7940
Ion Ratio Lower Upper
59 100
45 78.2 59.0 88.6
74 70.2 57.8 86.6



#24
tert-Butyl Alcohol
Concen: 10.538 ug/l
RT: 3.187 min Scan# 590
Delta R.T. -0.000 min
Lab File: VU063591.D
Acq: 16 Sep 2025 13:09

Tgt Ion: 59 Resp: 10724
Ion Ratio Lower Upper
59 100
57 4.8 8.6 12.8#

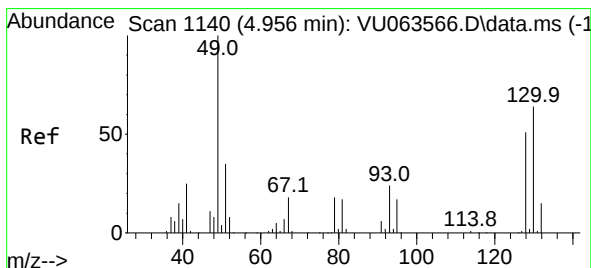
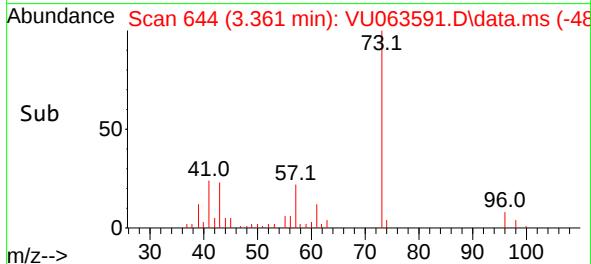
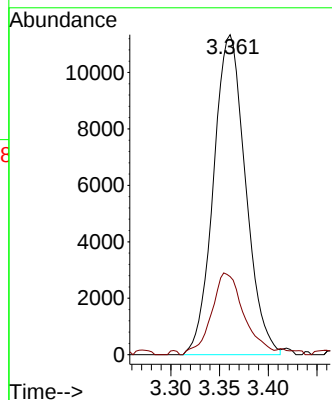
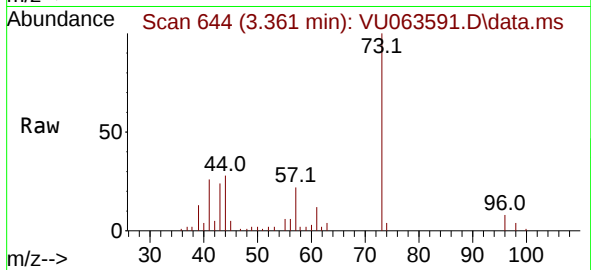




#25
Methyl tert-Butyl Ether
Concen: 1.003 ug/l
RT: 3.361 min Scan# 643
Delta R.T. 0.003 min
Lab File: VU063591.D
Acq: 16 Sep 2025 13:09

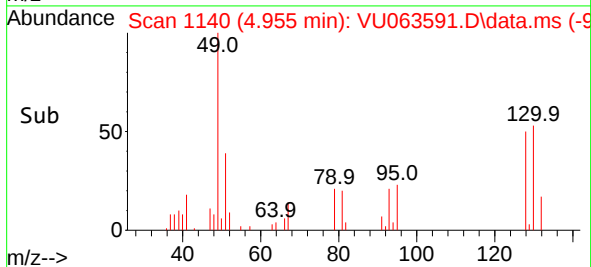
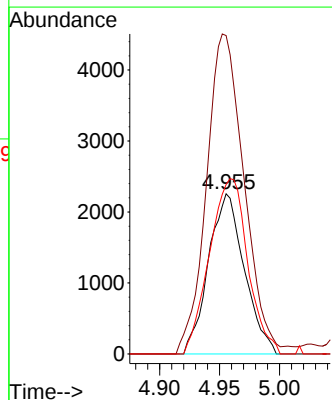
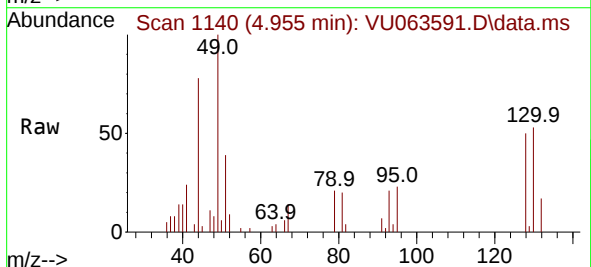
Instrument :
MSVOA_U
ClientSampleId :

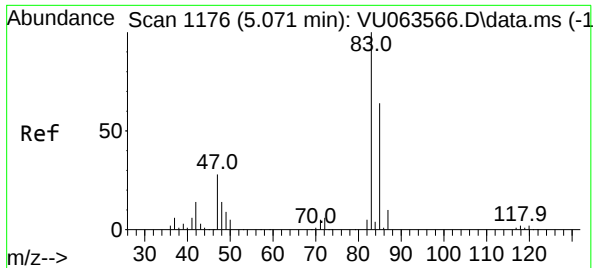
Tgt Ion: 73 Resp: 25958
Ion Ratio Lower Upper
73 100
43 25.7 18.1 27.1



#26
Bromochloromethane
Concen: 1.023 ug/l
RT: 4.955 min Scan# 1140
Delta R.T. -0.000 min
Lab File: VU063591.D
Acq: 16 Sep 2025 13:09

Tgt Ion: 128 Resp: 4685
Ion Ratio Lower Upper
128 100
49 209.3 0.0 410.2
130 116.9 103.4 155.0





#27

Chloroform

Concen: 1.054 ug/l

RT: 5.071 min Scan# 1176

Delta R.T. -0.000 min

Lab File: VU063591.D

Acq: 16 Sep 2025 13:09

Instrument :

MSVOA_U

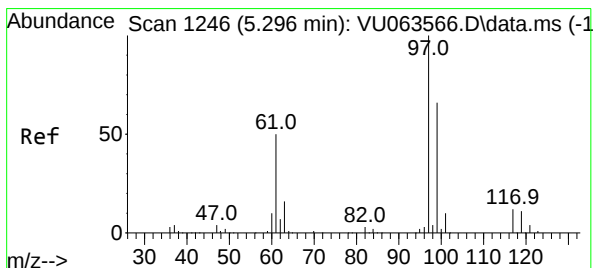
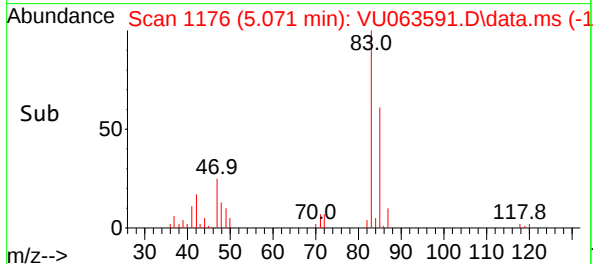
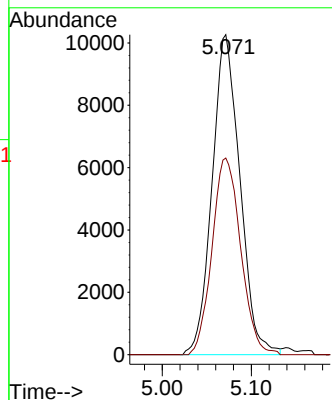
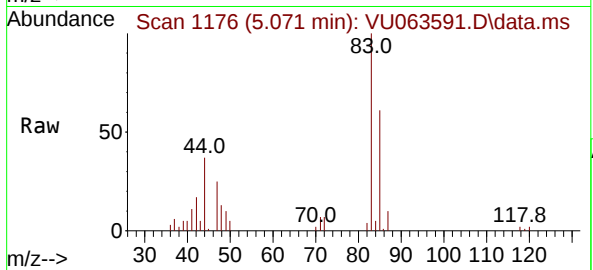
ClientSampleId :

Tgt Ion: 83 Resp: 22300

Ion Ratio Lower Upper

83 100

85 61.4 0.0 128.6



#28

1,1,1-Trichloroethane

Concen: 0.960 ug/l

RT: 5.293 min Scan# 1245

Delta R.T. -0.003 min

Lab File: VU063591.D

Acq: 16 Sep 2025 13:09

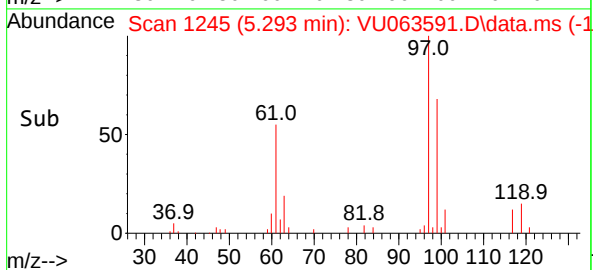
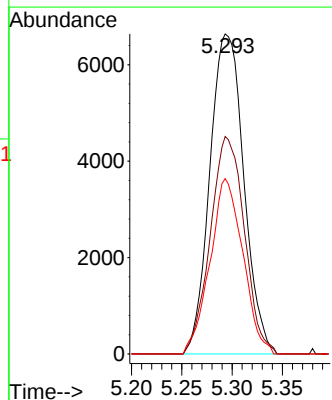
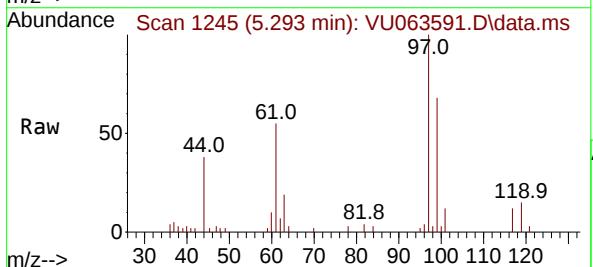
Tgt Ion: 97 Resp: 15621

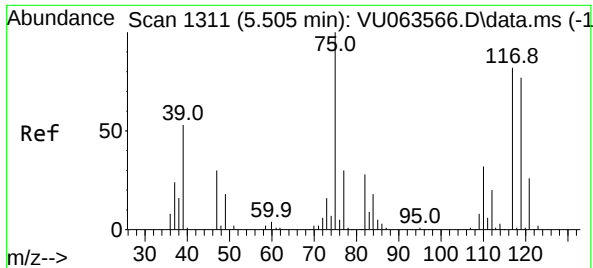
Ion Ratio Lower Upper

97 100

99 68.0 32.4 97.0

61 53.0 25.1 75.4

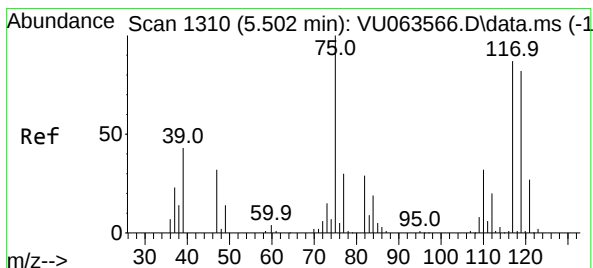
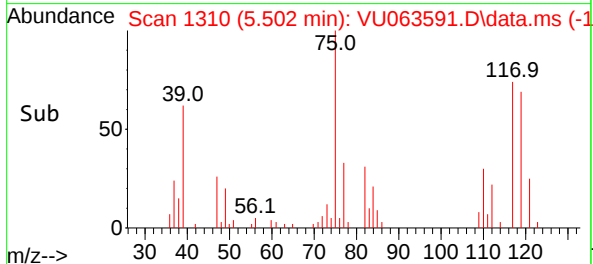
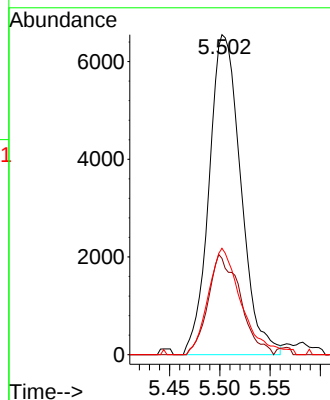
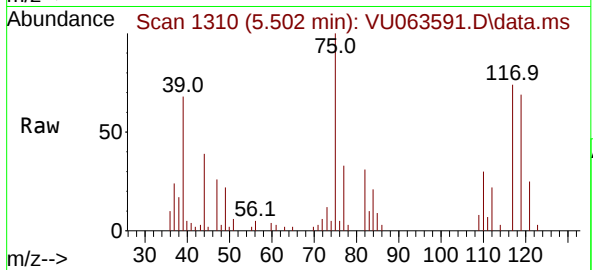




#29
1,1-Dichloropropene
Concen: 0.951 ug/l
RT: 5.502 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU063591.D
Acq: 16 Sep 2025 13:09

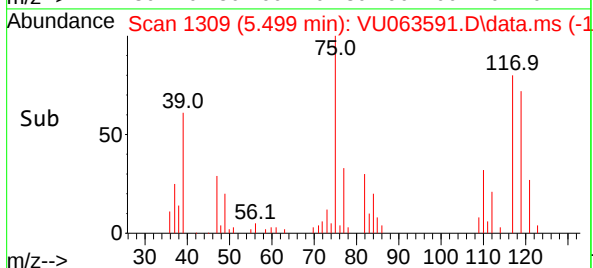
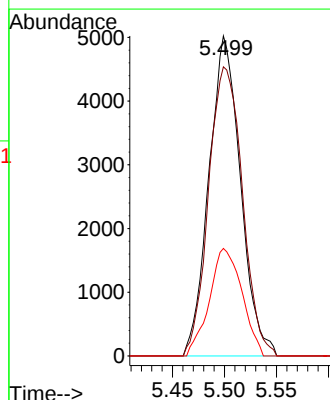
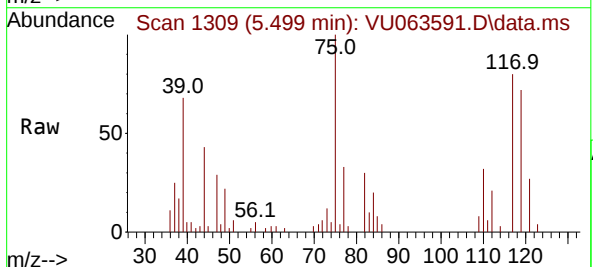
Instrument :
MSVOA_U
ClientSampleId :

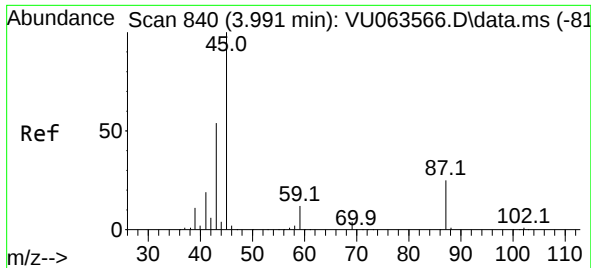
Tgt Ion: 75 Resp: 14372
Ion Ratio Lower Upper
75 100
110 31.7 16.4 49.4
77 34.8 24.6 37.0



#30
Carbon Tetrachloride
Concen: 0.887 ug/l
RT: 5.499 min Scan# 1309
Delta R.T. -0.003 min
Lab File: VU063591.D
Acq: 16 Sep 2025 13:09

Tgt Ion: 117 Resp: 10620
Ion Ratio Lower Upper
117 100
119 90.4 75.7 113.5
121 33.6 25.4 38.0

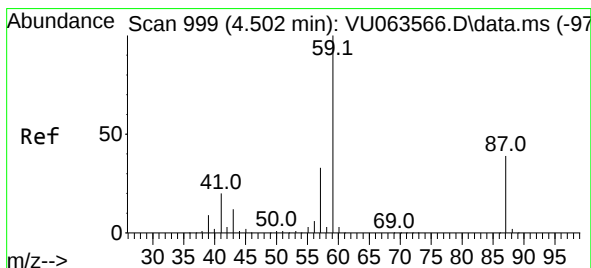
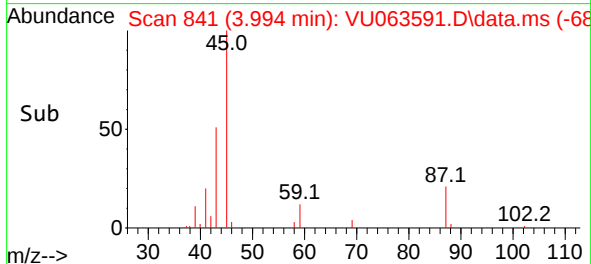
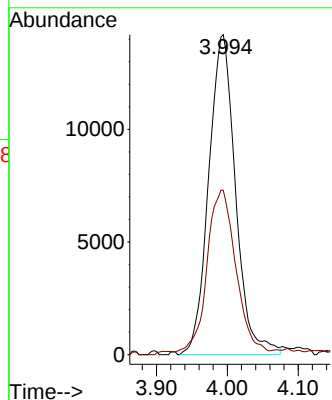
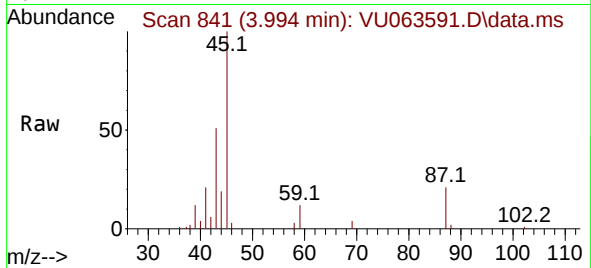




#31
Isopropyl Ether
Concen: 1.057 ug/l
RT: 3.994 min Scan# 841
Delta R.T. 0.003 min
Lab File: VU063591.D
Acq: 16 Sep 2025 13:09

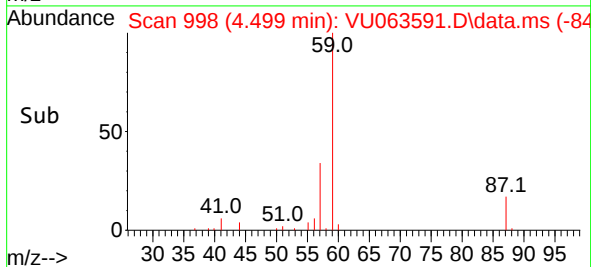
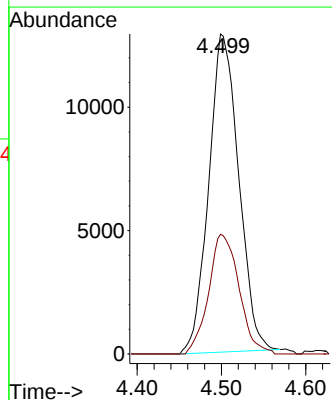
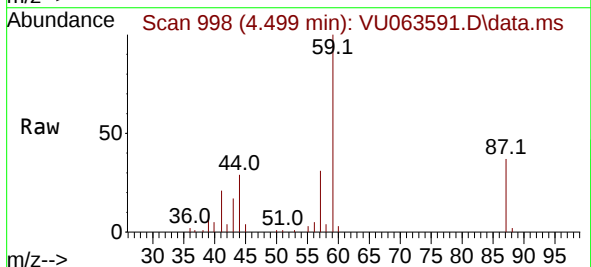
Instrument :
MSVOA_U
ClientSampleId :

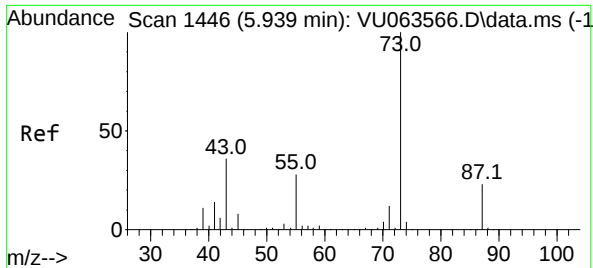
Tgt Ion: 45 Resp: 37441
Ion Ratio Lower Upper
45 100
43 53.3 26.2 78.6



#32
Ethyl-t-butyl ether
Concen: 1.051 ug/l
RT: 4.499 min Scan# 998
Delta R.T. -0.003 min
Lab File: VU063591.D
Acq: 16 Sep 2025 13:09

Tgt Ion: 59 Resp: 31831
Ion Ratio Lower Upper
59 100
87 38.2 31.2 46.8

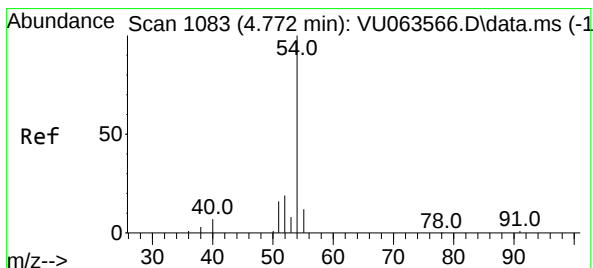
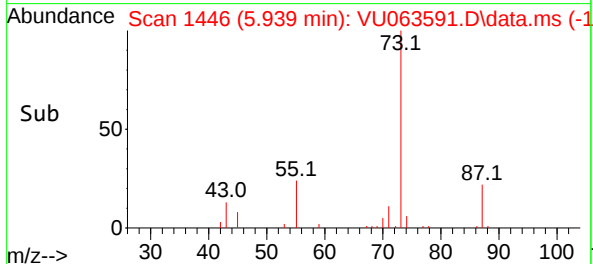
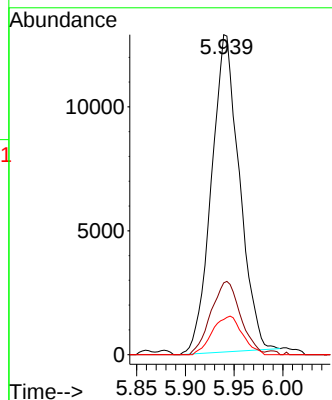
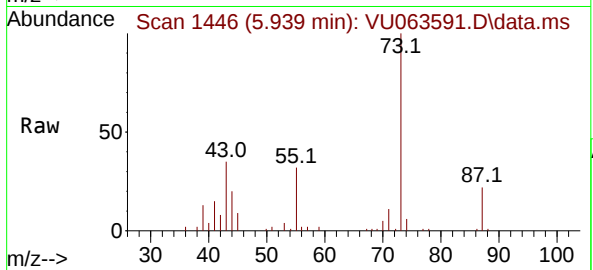




#33
Tert-Amyl methyl ether
Concen: 0.991 ug/l
RT: 5.939 min Scan# 1446
Delta R.T. -0.000 min
Lab File: VU063591.D
Acq: 16 Sep 2025 13:09

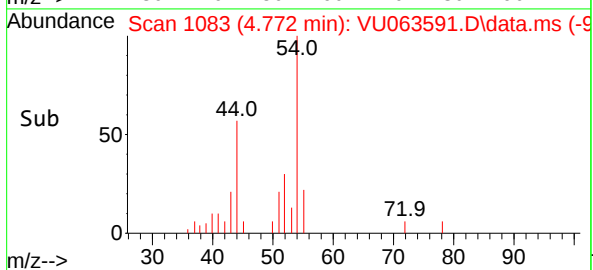
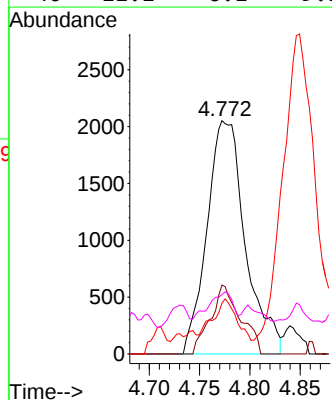
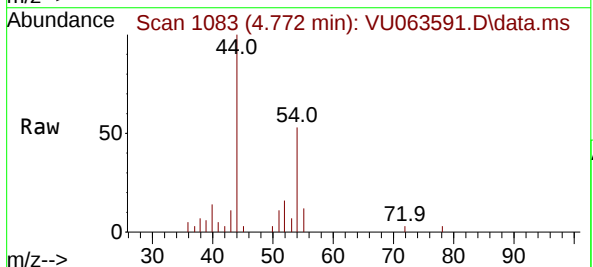
Instrument :
MSVOA_U
ClientSampleId :

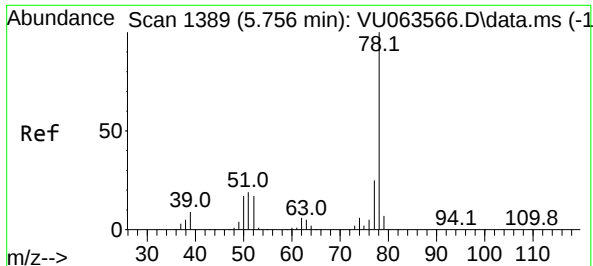
Tgt Ion: 73 Resp: 25546
Ion Ratio Lower Upper
73 100
87 23.4 19.0 28.6
71 13.0 9.4 14.2



#34
Propionitrile
Concen: 5.501 ug/l
RT: 4.772 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VU063591.D
Acq: 16 Sep 2025 13:09

Tgt Ion: 54 Resp: 5440
Ion Ratio Lower Upper
54 100
52 23.1 15.2 22.8#
55 10.6 11.7 17.5#
40 11.1 6.1 9.1#

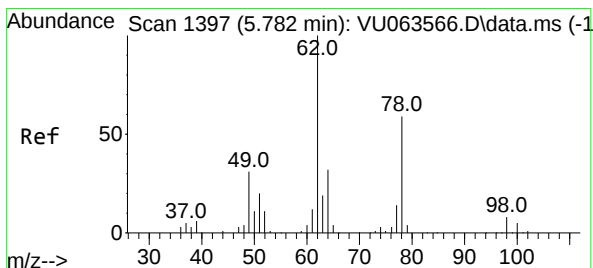
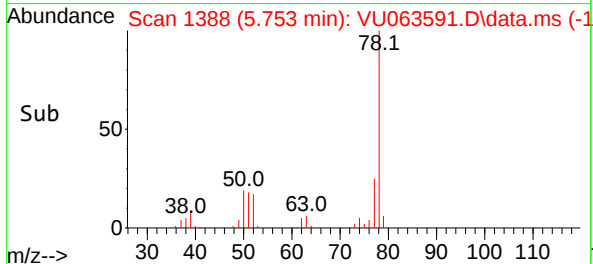
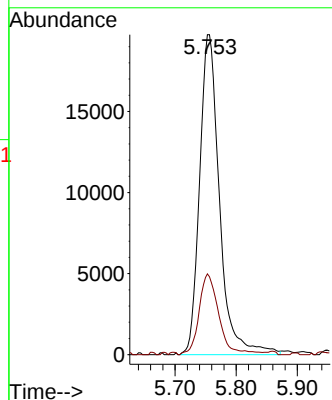
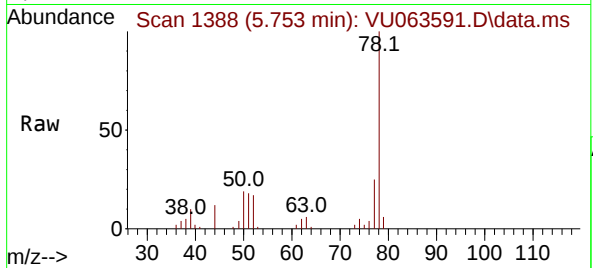




#35
Benzene
Concen: 1.029 ug/l
RT: 5.753 min Scan# 1388
Delta R.T. -0.003 min
Lab File: VU063591.D
Acq: 16 Sep 2025 13:09

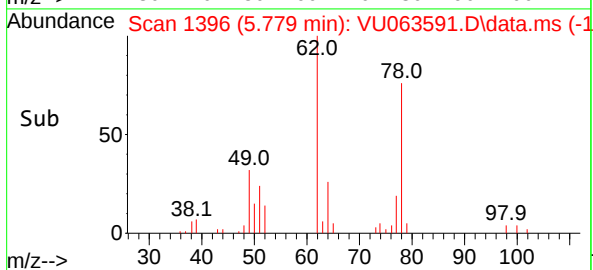
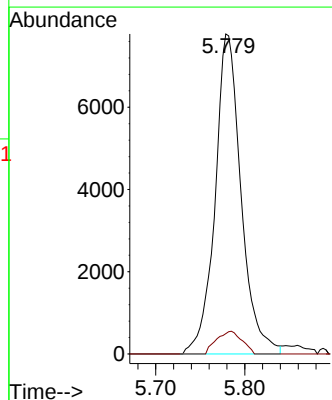
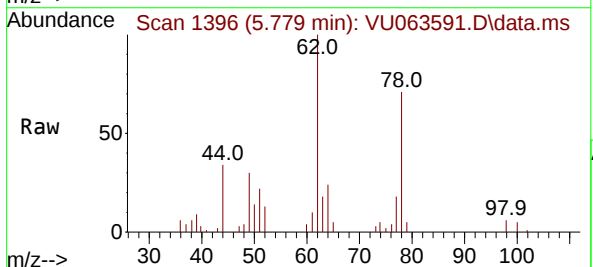
Instrument :
MSVOA_U
ClientSampleId :

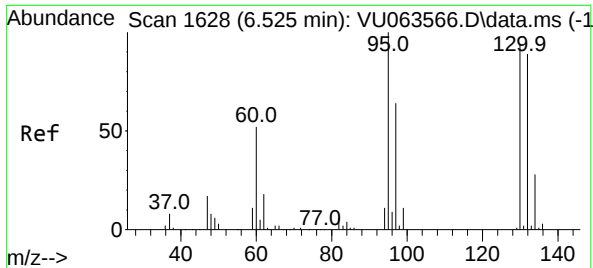
Tgt Ion: 78 Resp: 44756
Ion Ratio Lower Upper
78 100
77 25.3 19.8 29.8



#36
1,2-Dichloroethane
Concen: 1.077 ug/l
RT: 5.779 min Scan# 1396
Delta R.T. -0.003 min
Lab File: VU063591.D
Acq: 16 Sep 2025 13:09

Tgt Ion: 62 Resp: 15805
Ion Ratio Lower Upper
62 100
98 7.0 6.3 9.5

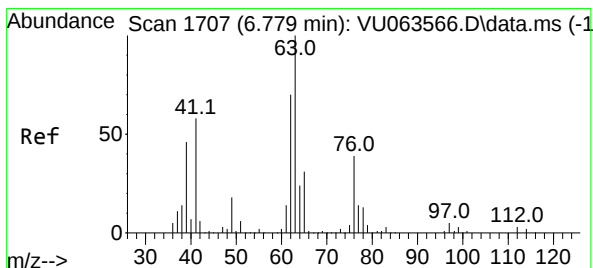
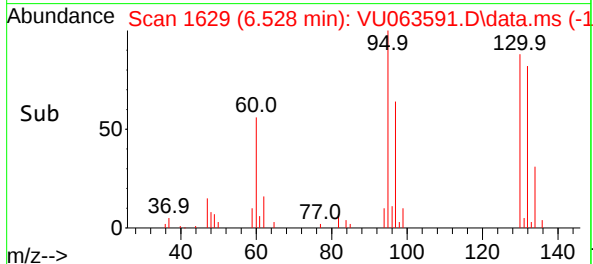
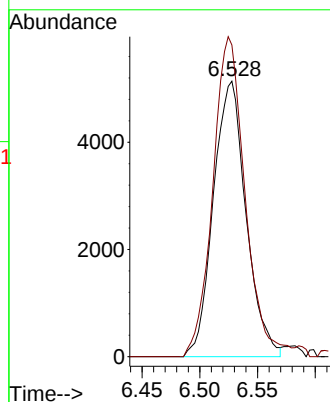
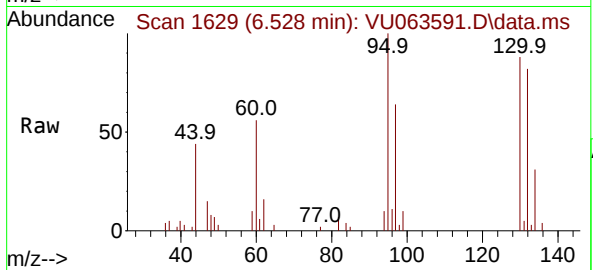




#37
Trichloroethene
Concen: 0.935 ug/l
RT: 6.528 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU063591.D
Acq: 16 Sep 2025 13:09

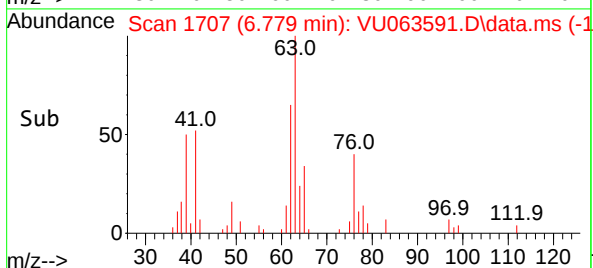
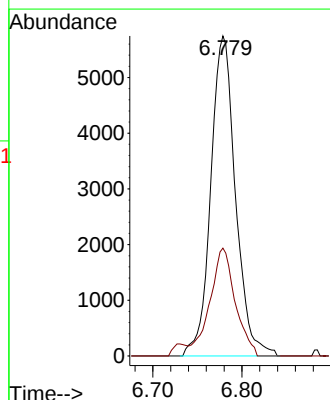
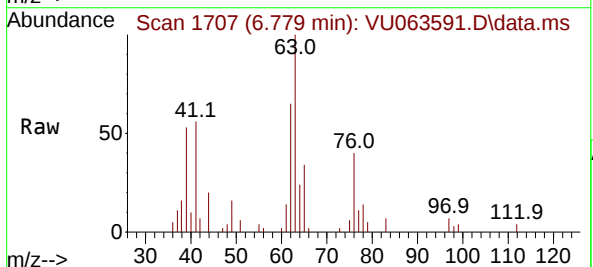
Instrument :
MSVOA_U
ClientSampleId :

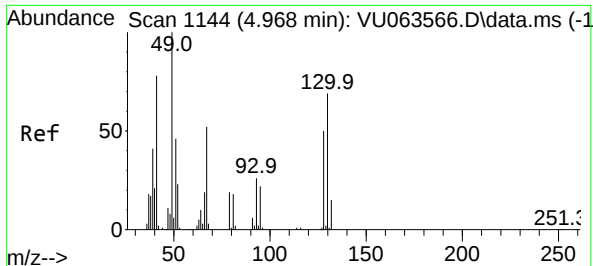
Tgt Ion:130 Resp: 10125
Ion Ratio Lower Upper
130 100
95 113.1 85.4 128.2



#38
1,2-Dichloropropane
Concen: 0.961 ug/l
RT: 6.779 min Scan# 1707
Delta R.T. -0.000 min
Lab File: VU063591.D
Acq: 16 Sep 2025 13:09

Tgt Ion: 63 Resp: 11079
Ion Ratio Lower Upper
63 100
65 33.7 24.9 37.3





#39

Methacrylonitrile

Concen: 1.211 ug/l

RT: 4.978 min Scan# 1144

Delta R.T. 0.010 min

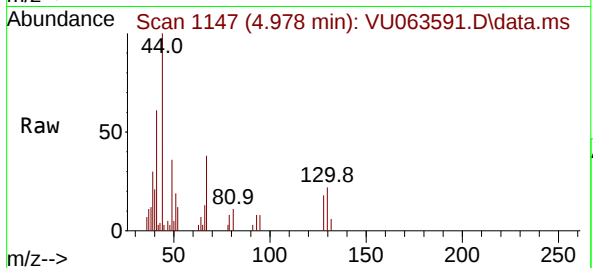
Lab File: VU063591.D

Acq: 16 Sep 2025 13:09

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 41 Resp: 5653

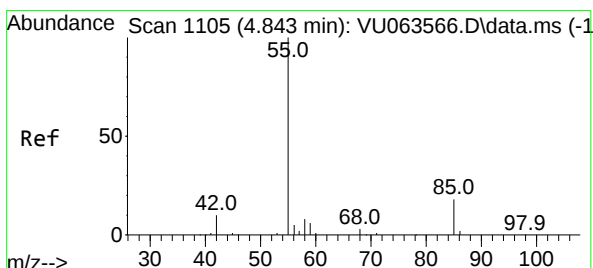
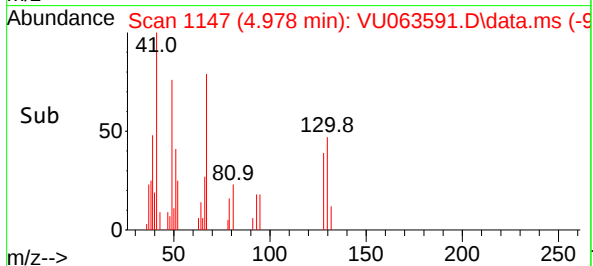
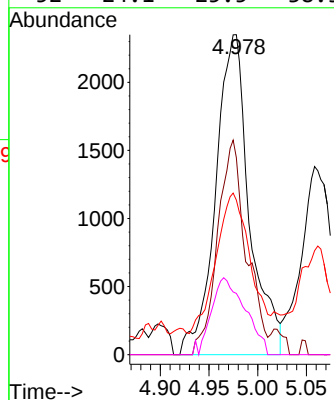
Ion Ratio Lower Upper

41 100

67 57.2 57.7 86.5#

39 43.7 44.6 67.0#

52 24.1 25.5 38.3#



#40

Methyl acrylate

Concen: 0.948 ug/l

RT: 4.849 min Scan# 1107

Delta R.T. 0.006 min

Lab File: VU063591.D

Acq: 16 Sep 2025 13:09

Tgt Ion: 55 Resp: 6064

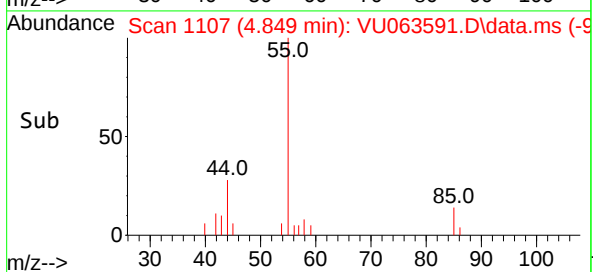
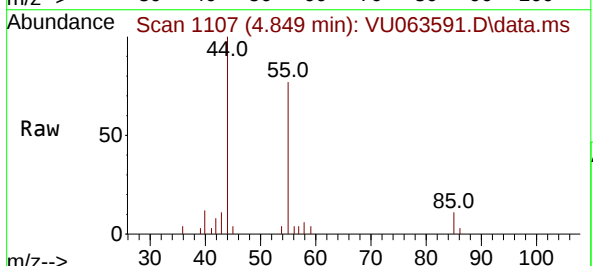
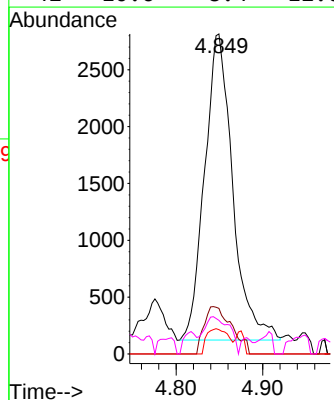
Ion Ratio Lower Upper

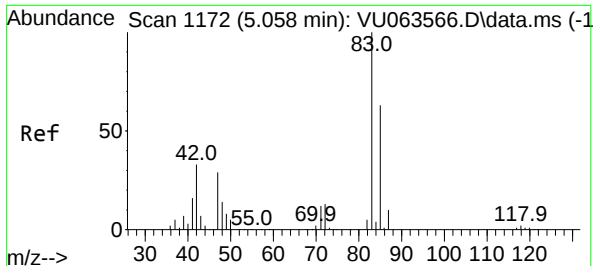
55 100

85 15.1 12.8 19.2

58 6.3 6.6 10.0#

42 10.6 8.4 12.6





#41

Tetrahydrofuran

Concen: 2.238 ug/l

RT: 5.058 min Scan# 1172

Delta R.T. -0.000 min

Lab File: VU063591.D

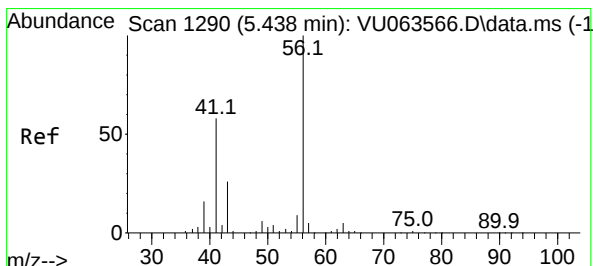
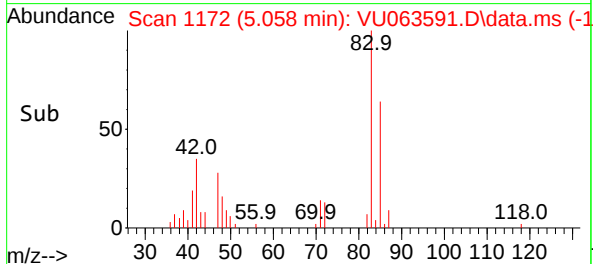
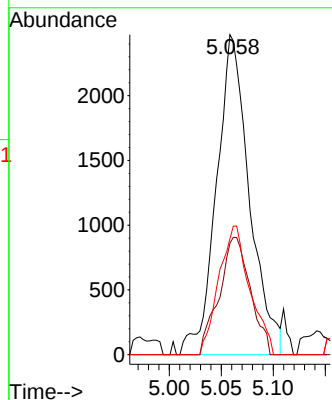
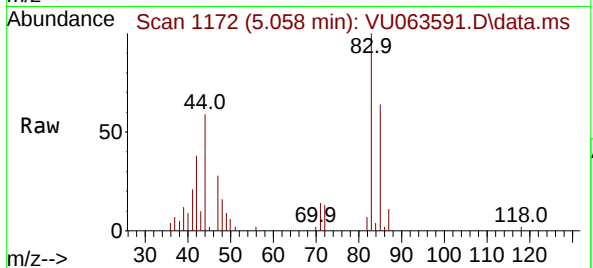
Acq: 16 Sep 2025 13:09

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	42	Resp:	5446
Ion Ratio	Lower	Upper	
42	100		
72	34.7	34.1	51.1
71	37.8	29.9	44.9



#42

1-Chlorobutane

Concen: 0.986 ug/l

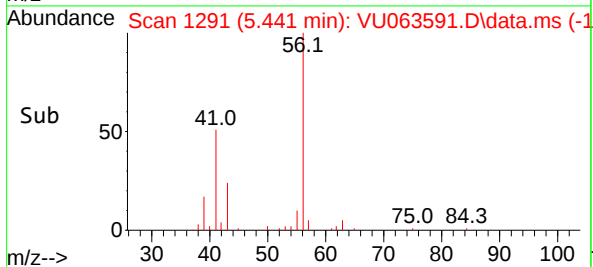
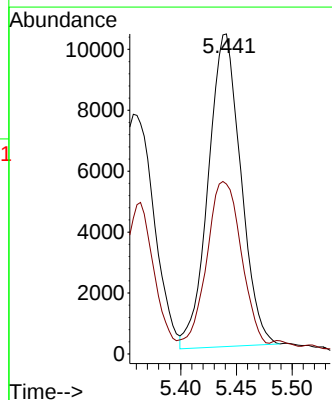
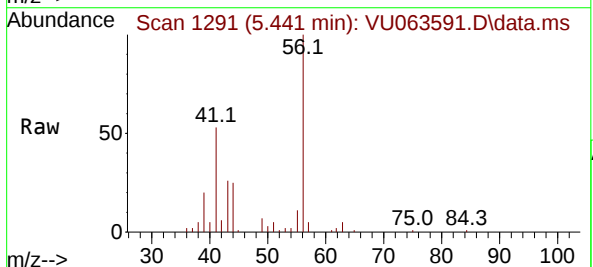
RT: 5.441 min Scan# 1291

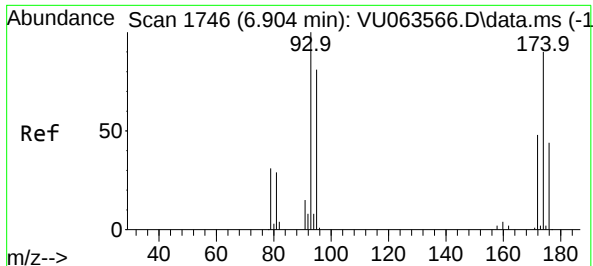
Delta R.T. 0.003 min

Lab File: VU063591.D

Acq: 16 Sep 2025 13:09

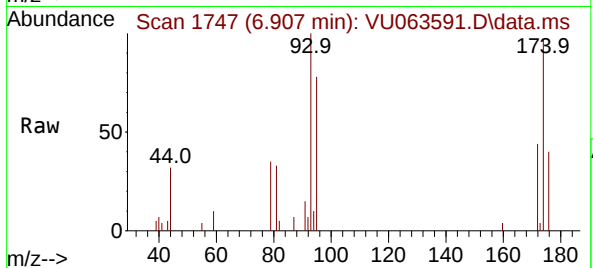
Tgt Ion:	56	Resp:	20898
Ion Ratio	Lower	Upper	
56	100		
41	55.0	28.3	84.9





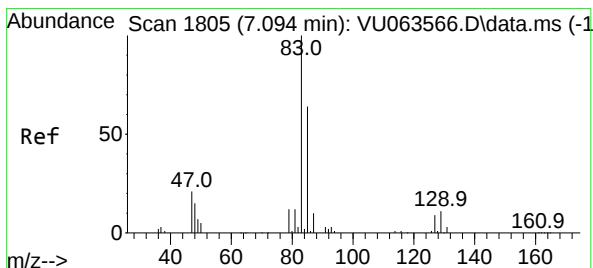
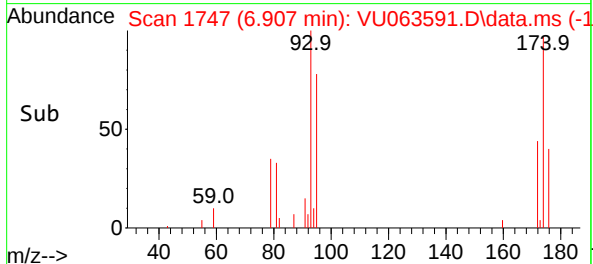
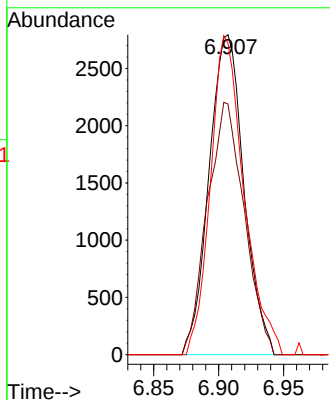
#43
Dibromomethane
Concen: 0.944 ug/l
RT: 6.907 min Scan# 1747
Delta R.T. 0.003 min
Lab File: VU063591.D
Acq: 16 Sep 2025 13:09

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 93 Resp: 5216

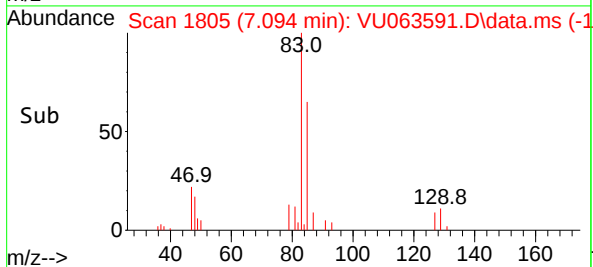
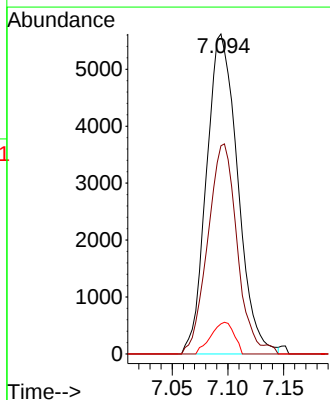
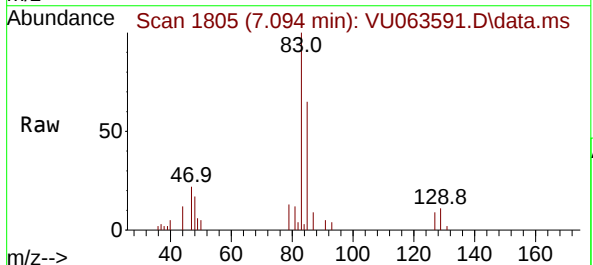
Ion	Ratio	Lower	Upper
93	100		
95	83.4	66.6	100.0
174	95.9	72.7	109.1

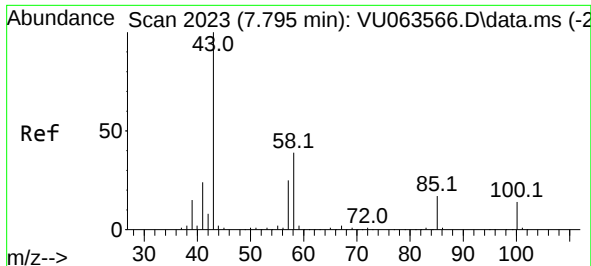


#44
Bromodichloromethane
Concen: 0.928 ug/l
RT: 7.094 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VU063591.D
Acq: 16 Sep 2025 13:09

Tgt Ion: 83 Resp: 10952

Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.2	76.8
127	9.4	6.9	10.3





#45

4-Methyl-2-Pentanone

Concen: 4.818 ug/l

RT: 7.798 min Scan# 2023

Delta R.T. 0.003 min

Lab File: VU063591.D

Acq: 16 Sep 2025 13:09

Instrument :

MSVOA_U

ClientSampleId :

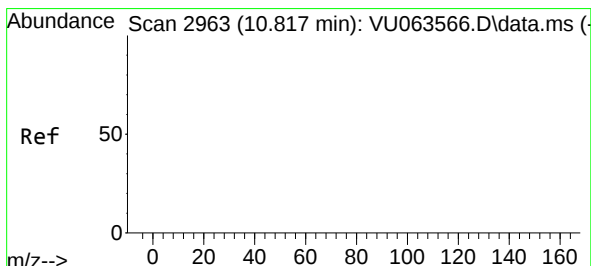
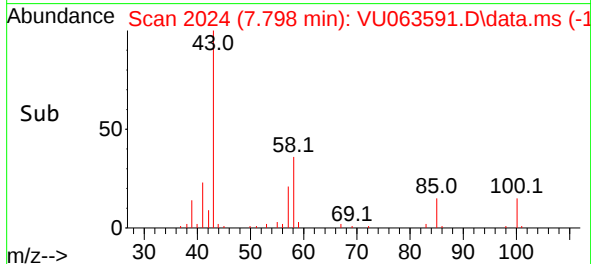
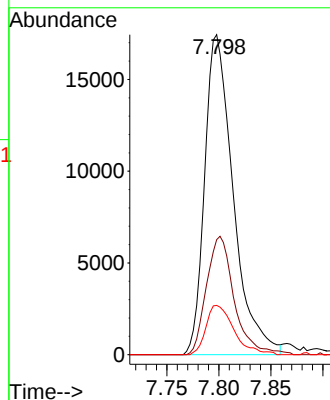
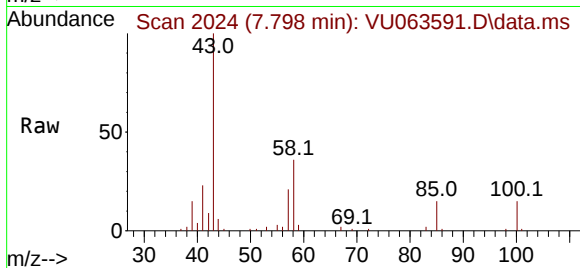
Tgt Ion: 43 Resp: 33343

Ion Ratio Lower Upper

43 100

58 35.9 18.9 56.9

85 15.1 13.3 19.9



#46

t-1,4-Dichloro-2-butene

Concen: 3.899 ug/l

RT: 10.817 min Scan# 2963

Delta R.T. -0.000 min

Lab File: VU063591.D

Acq: 16 Sep 2025 13:09

Tgt Ion: 75 Resp: 10097

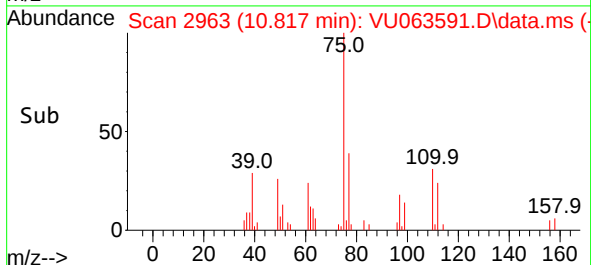
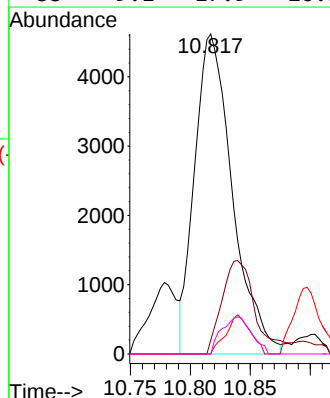
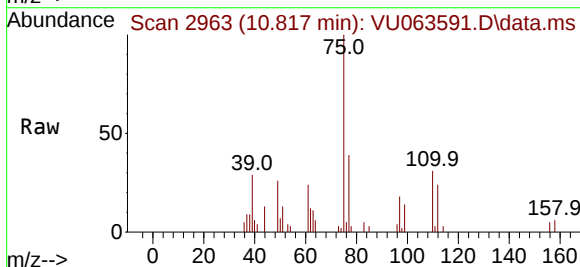
Ion Ratio Lower Upper

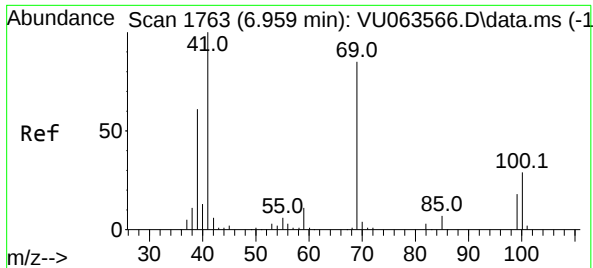
75 100

53 25.7 43.2 64.8#

89 7.9 21.9 32.9#

88 9.1 17.9 26.9#

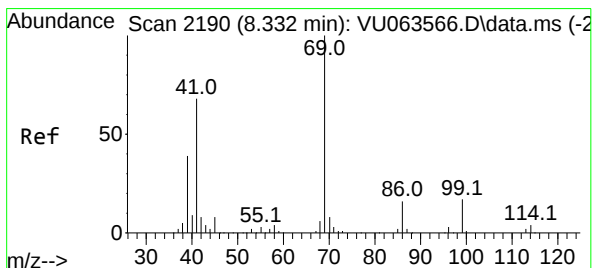
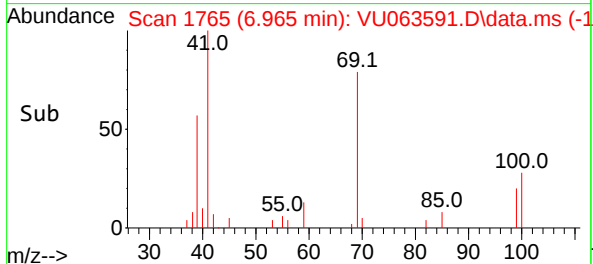
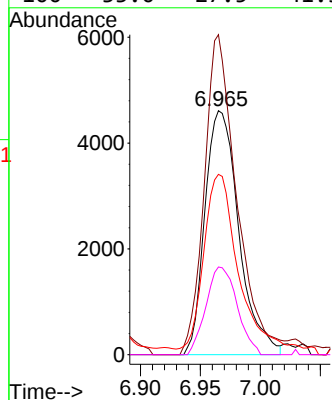
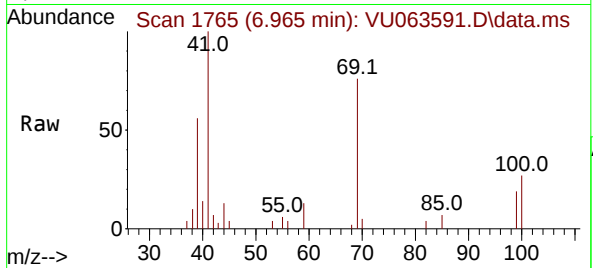




#47
Methyl methacrylate
Concen: 1.834 ug/l
RT: 6.965 min Scan# 1765
Delta R.T. 0.006 min
Lab File: VU063591.D
Acq: 16 Sep 2025 13:09

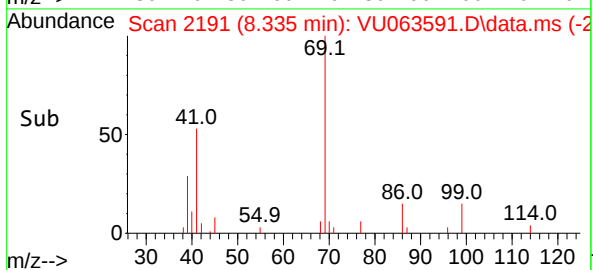
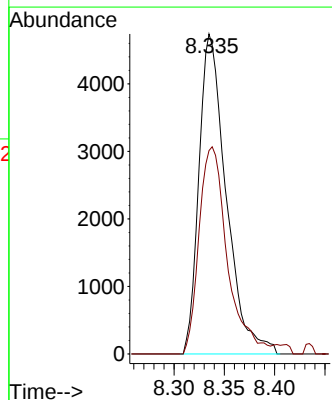
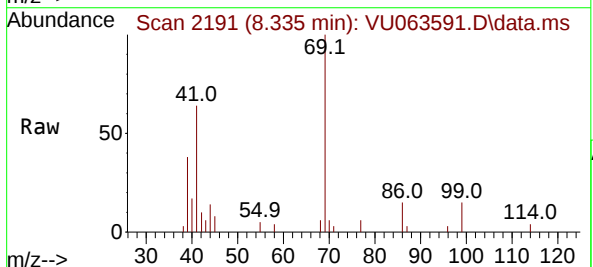
Instrument :
MSVOA_U
ClientSampleId :

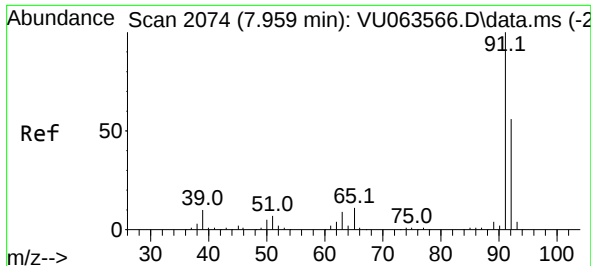
Tgt Ion:	69	Resp:	9066
Ion	Ratio	Lower	Upper
69	100		
41	125.4	0.0	236.8
39	79.3	57.8	86.6
100	33.0	27.5	41.3



#48
Ethyl methacrylate
Concen: 0.971 ug/l
RT: 8.335 min Scan# 2191
Delta R.T. 0.003 min
Lab File: VU063591.D
Acq: 16 Sep 2025 13:09

Tgt Ion:	69	Resp:	8901
Ion	Ratio	Lower	Upper
69	100		
41	67.4	33.7	101.1





#49

Toluene

Concen: 0.960 ug/l

RT: 7.959 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VU063591.D

Acq: 16 Sep 2025 13:09

Instrument :

MSVOA_U

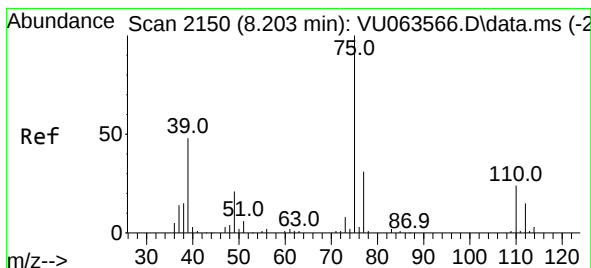
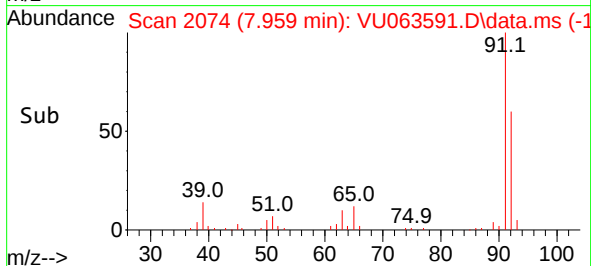
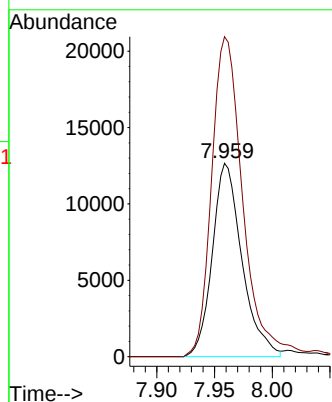
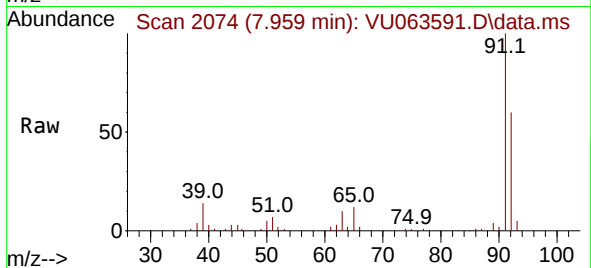
ClientSampleId :

Tgt Ion: 92 Resp: 22661

Ion Ratio Lower Upper

92 100

91 173.4 139.4 209.2



#50

t-1,3-Dichloropropene

Concen: 0.865 ug/l

RT: 8.206 min Scan# 2151

Delta R.T. 0.003 min

Lab File: VU063591.D

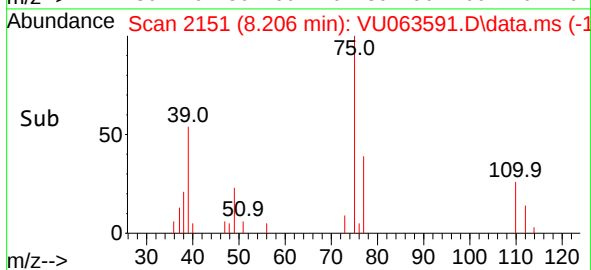
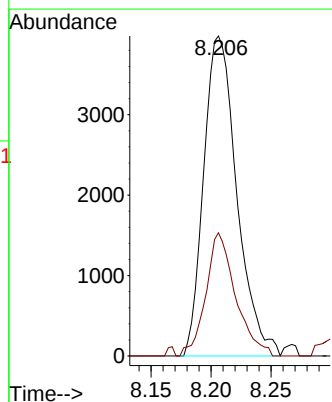
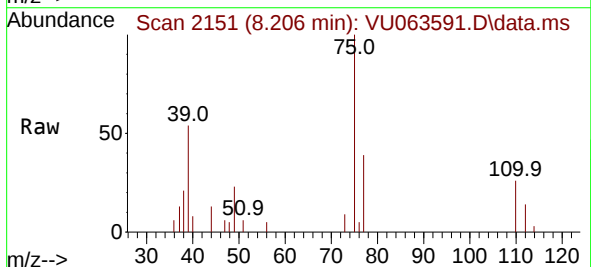
Acq: 16 Sep 2025 13:09

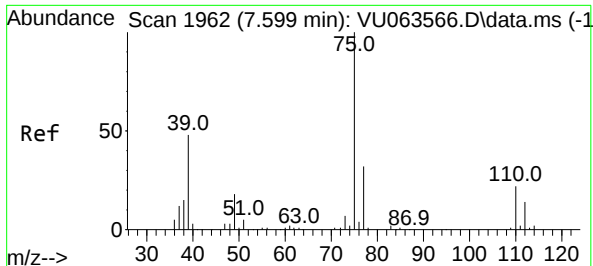
Tgt Ion: 75 Resp: 7654

Ion Ratio Lower Upper

75 100

77 38.5 24.8 37.2#





#51

cis-1,3-Dichloropropene

Concen: 0.850 ug/l

RT: 7.598 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VU063591.D

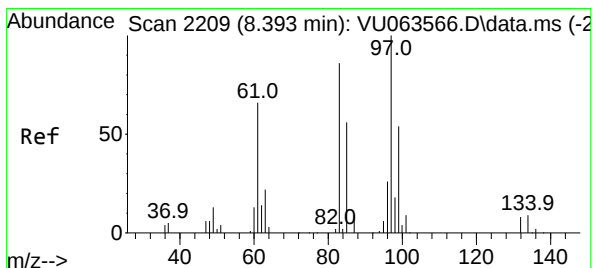
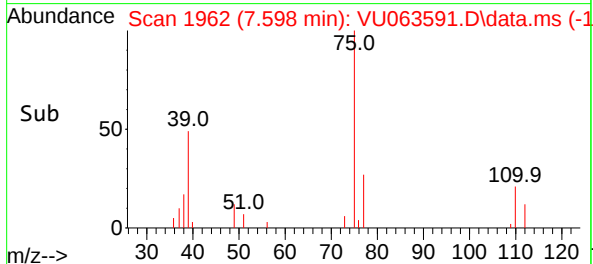
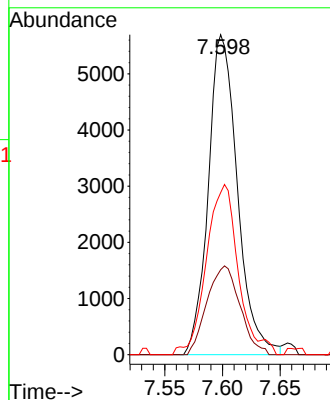
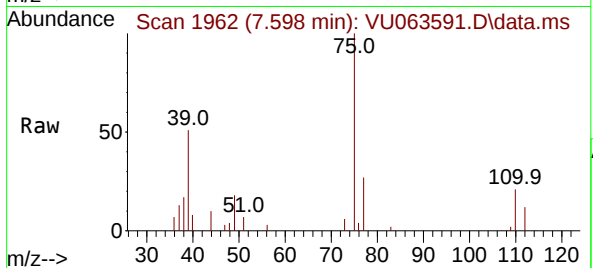
Acq: 16 Sep 2025 13:09

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	75	Resp:	9998
Ion	Ratio	Lower	Upper
75	100		
77	26.6	25.2	37.8
39	50.7	38.8	58.2



#52

1,1,2-Trichloroethane

Concen: 0.994 ug/l

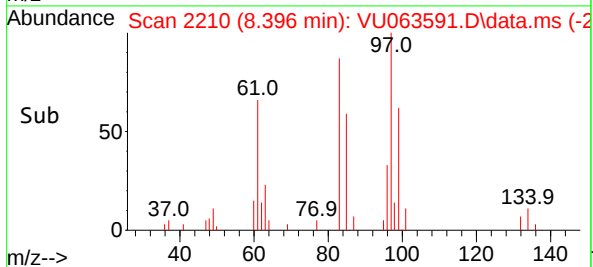
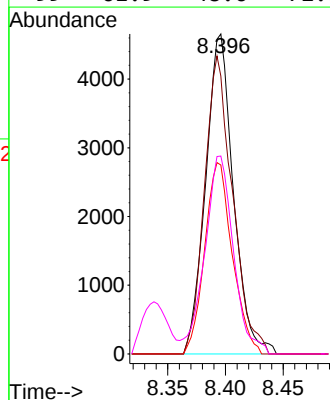
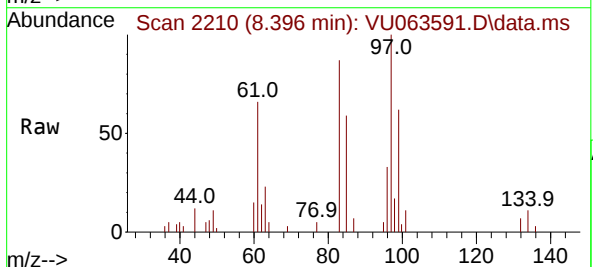
RT: 8.396 min Scan# 2210

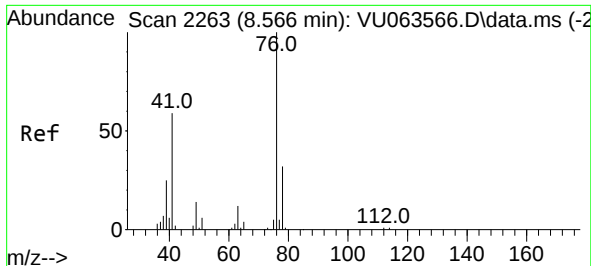
Delta R.T. 0.003 min

Lab File: VU063591.D

Acq: 16 Sep 2025 13:09

Tgt Ion:	97	Resp:	7776
Ion	Ratio	Lower	Upper
97	100		
83	86.9	68.5	102.7
85	59.1	45.0	67.6
99	61.9	48.6	72.8





#53

1,3-Dichloropropane

Concen: 0.997 ug/l

RT: 8.573 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU063591.D

Acq: 16 Sep 2025 13:09

Instrument :

MSVOA_U

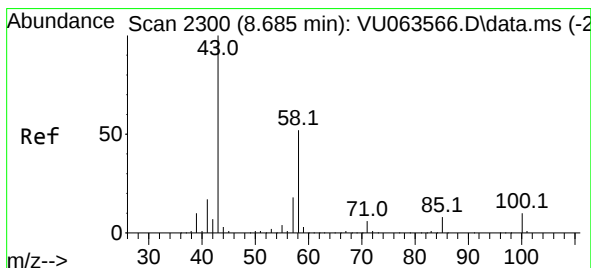
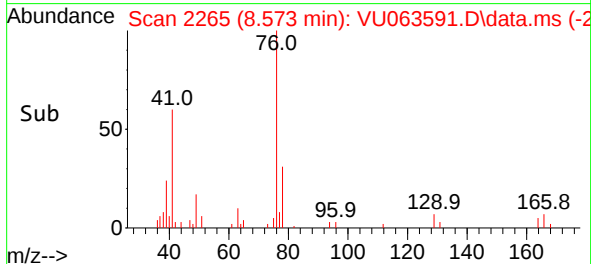
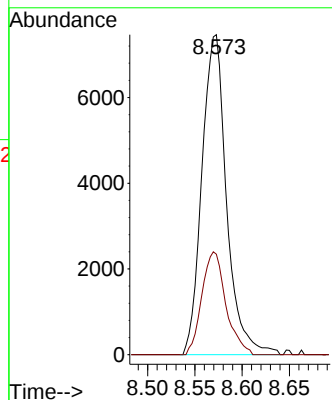
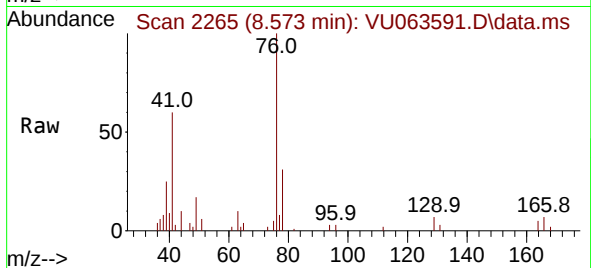
ClientSampleId :

Tgt Ion: 76 Resp: 13553

Ion Ratio Lower Upper

76 100

78 31.3 26.2 39.2



#54

2-Hexanone

Concen: 4.404 ug/l

RT: 8.692 min Scan# 2302

Delta R.T. 0.006 min

Lab File: VU063591.D

Acq: 16 Sep 2025 13:09

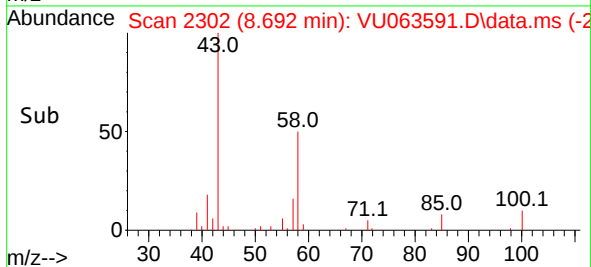
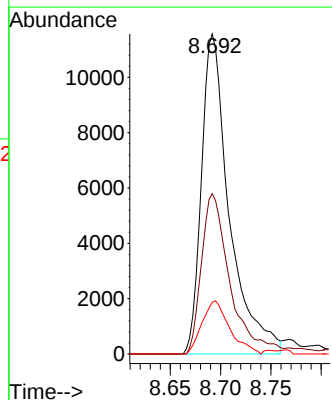
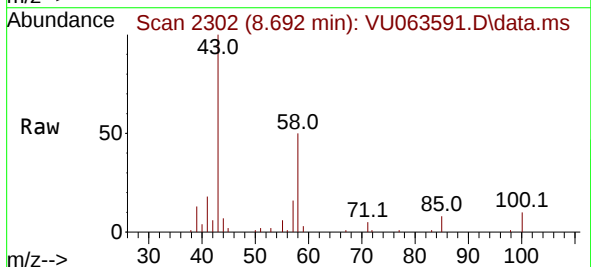
Tgt Ion: 43 Resp: 22272

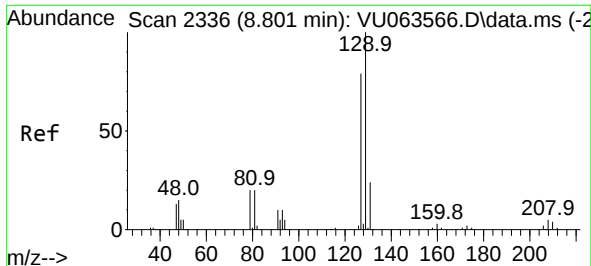
Ion Ratio Lower Upper

43 100

58 51.1 32.7 72.7

57 16.4 0.0 38.2

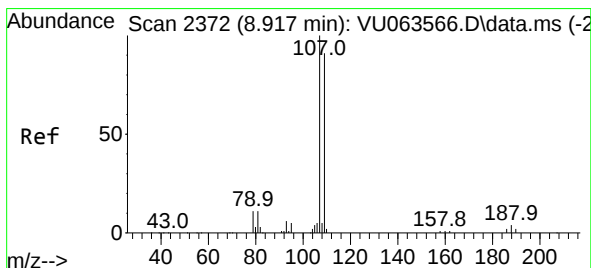
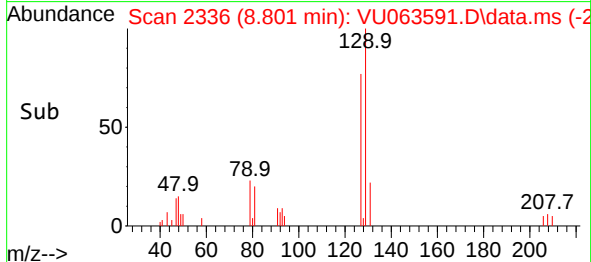
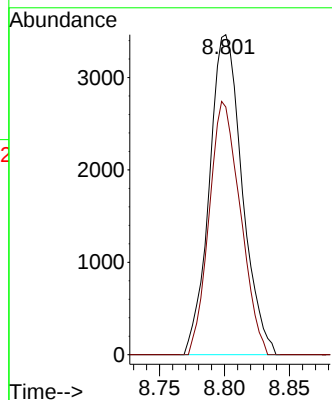
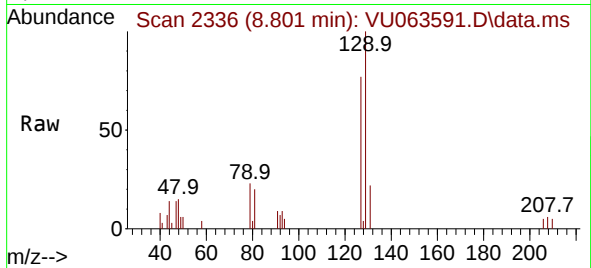




#55
Dibromochloromethane
Concen: 0.805 ug/l
RT: 8.801 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063591.D
Acq: 16 Sep 2025 13:09

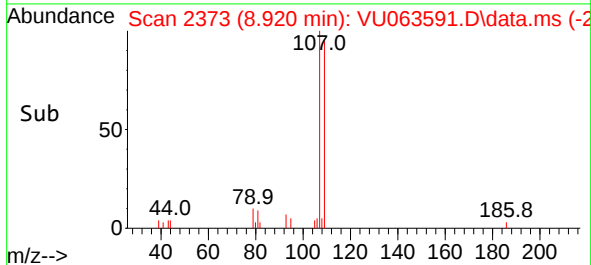
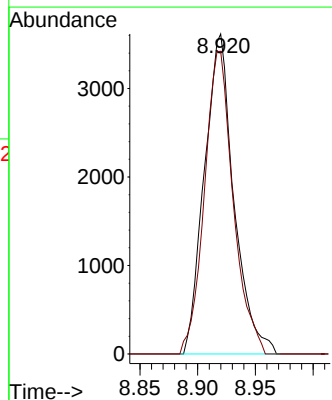
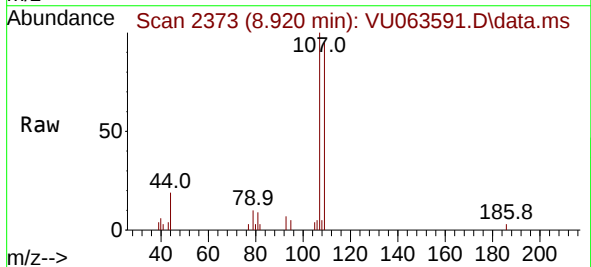
Instrument :
MSVOA_U
ClientSampleId :

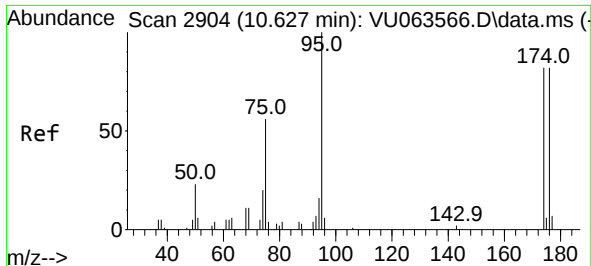
Tgt Ion:129 Resp: 6099
Ion Ratio Lower Upper
129 100
127 75.0 61.9 92.9



#56
1,2-Dibromoethane
Concen: 0.953 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.003 min
Lab File: VU063591.D
Acq: 16 Sep 2025 13:09

Tgt Ion:107 Resp: 6430
Ion Ratio Lower Upper
107 100
109 92.1 0.0 183.6

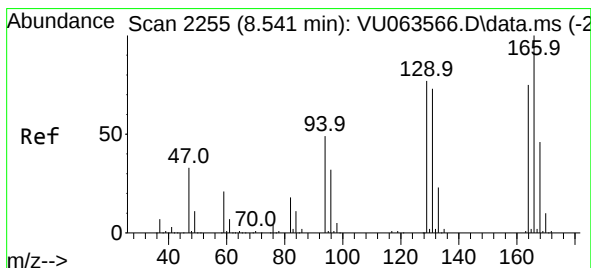
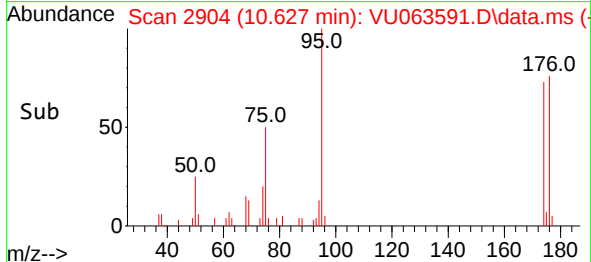
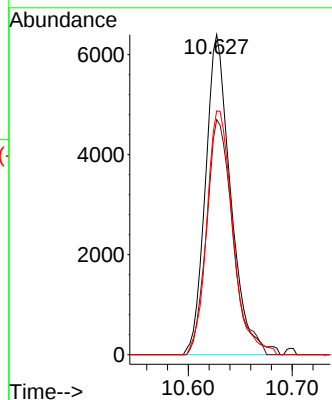
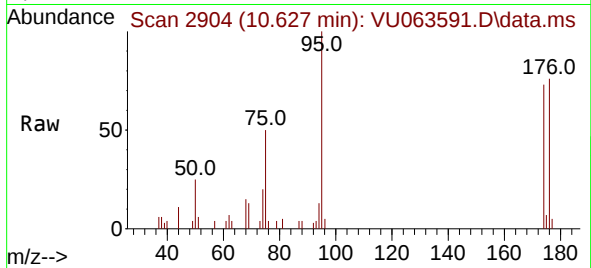




#57
 4-Bromofluorobenzene
 Concen: 0.870 ug/l
 RT: 10.627 min Scan# 2904
 Delta R.T. -0.000 min
 Lab File: VU063591.D
 Acq: 16 Sep 2025 13:09

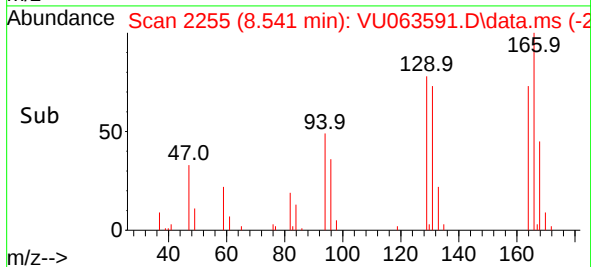
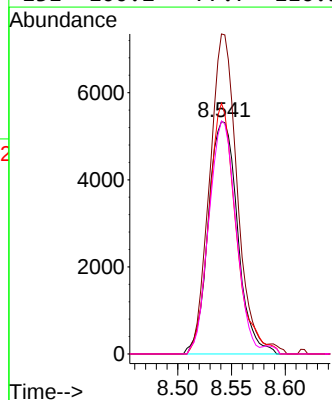
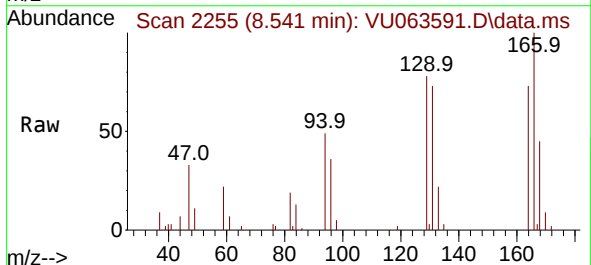
Instrument :
 MSVOA_U
 ClientSampleId :

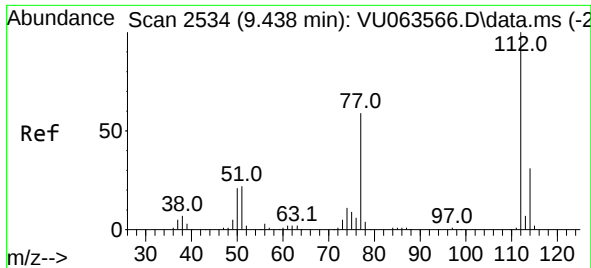
Tgt Ion: 95 Resp: 10772
 Ion Ratio Lower Upper
 95 100
 174 76.2 64.7 97.1
 176 78.7 66.2 99.4



#58
 Tetrachloroethene
 Concen: 0.946 ug/l
 RT: 8.541 min Scan# 2255
 Delta R.T. -0.000 min
 Lab File: VU063591.D
 Acq: 16 Sep 2025 13:09

Tgt Ion:164 Resp: 10090
 Ion Ratio Lower Upper
 164 100
 166 137.7 106.4 159.6
 129 107.9 81.4 122.2
 131 100.2 77.7 116.5





#59

Chlorobenzene

Concen: 0.977 ug/l

RT: 9.441 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063591.D

Acq: 16 Sep 2025 13:09

Instrument :

MSVOA_U

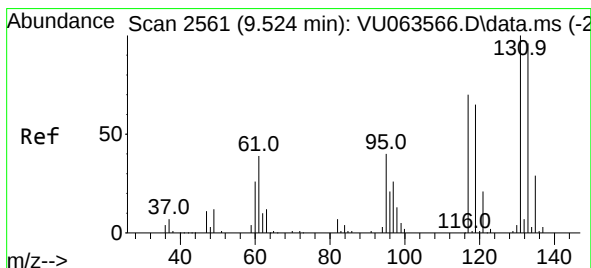
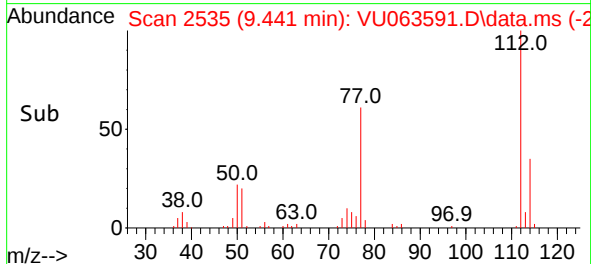
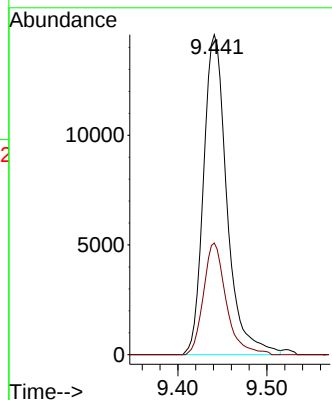
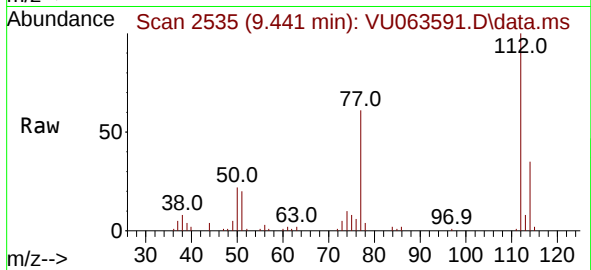
ClientSampleId :

Tgt Ion:112 Resp: 26582

Ion Ratio Lower Upper

112 100

114 34.9 25.0 37.4



#60

1,1,1,2-Tetrachloroethane

Concen: 0.844 ug/l

RT: 9.524 min Scan# 2561

Delta R.T. -0.000 min

Lab File: VU063591.D

Acq: 16 Sep 2025 13:09

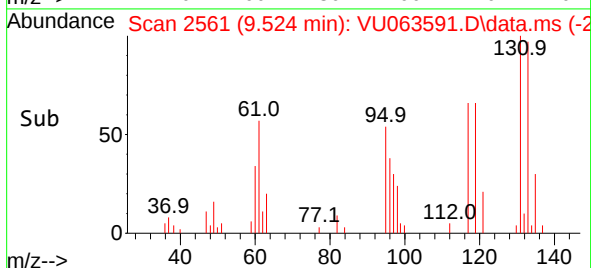
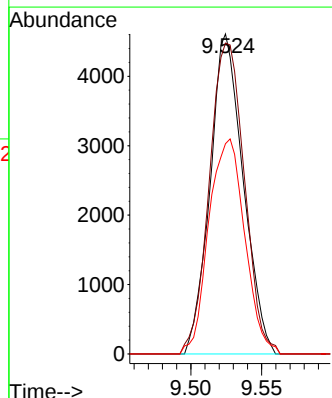
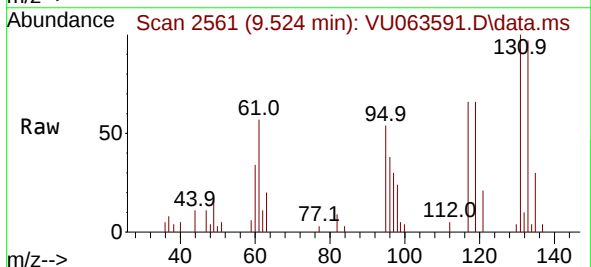
Tgt Ion:131 Resp: 7500

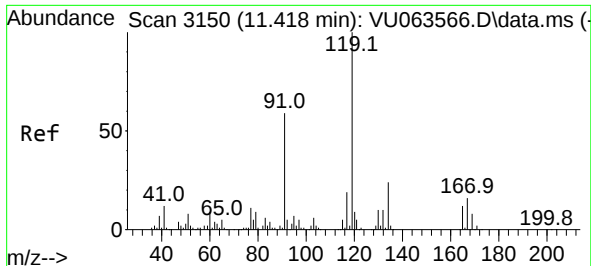
Ion Ratio Lower Upper

131 100

133 102.8 75.8 113.8

119 72.9 51.8 77.6

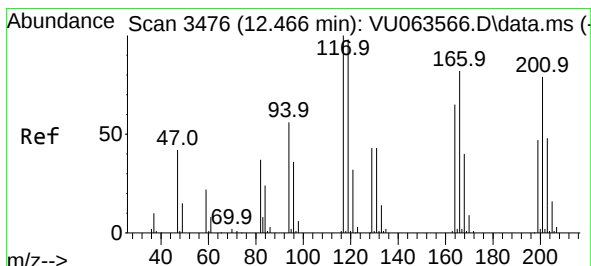
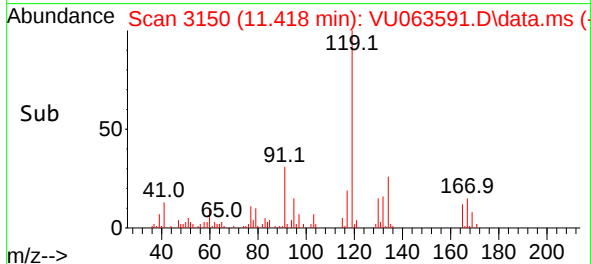
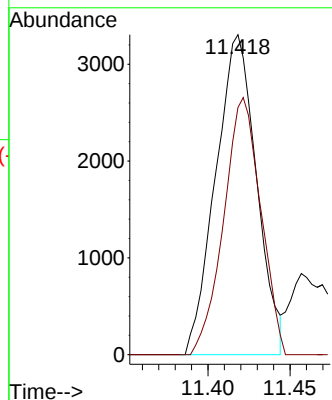
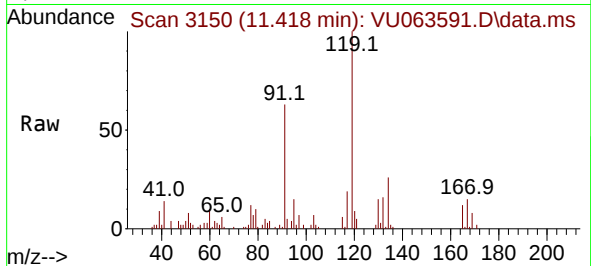




#61
 Pentachloroethane
 Concen: 0.897 ug/l
 RT: 11.418 min Scan# 3150
 Delta R.T. -0.000 min
 Lab File: VU063591.D
 Acq: 16 Sep 2025 13:09

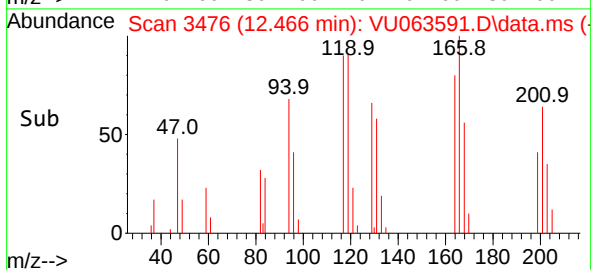
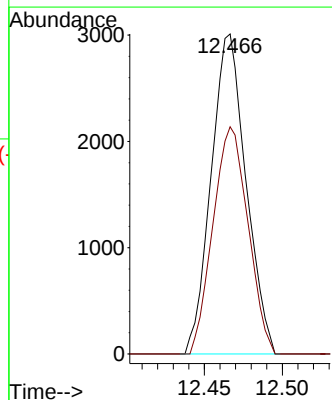
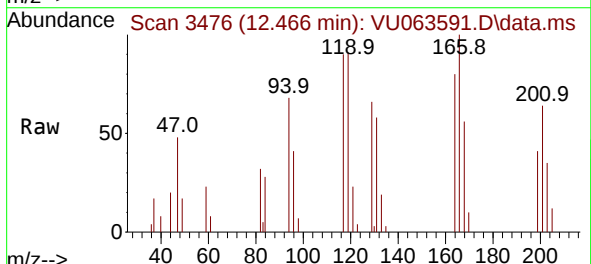
Instrument :
 MSVOA_U
 ClientSampleId :

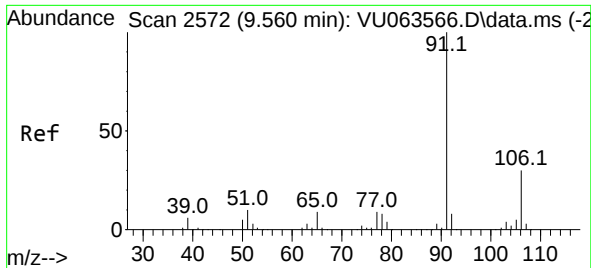
Tgt Ion:117 Resp: 5715
 Ion Ratio Lower Upper
 117 100
 167 72.7 62.6 93.8



#62
 Hexachloroethane
 Concen: 0.844 ug/l
 RT: 12.466 min Scan# 3476
 Delta R.T. -0.000 min
 Lab File: VU063591.D
 Acq: 16 Sep 2025 13:09

Tgt Ion:117 Resp: 4676
 Ion Ratio Lower Upper
 117 100
 201 71.3 61.0 91.6

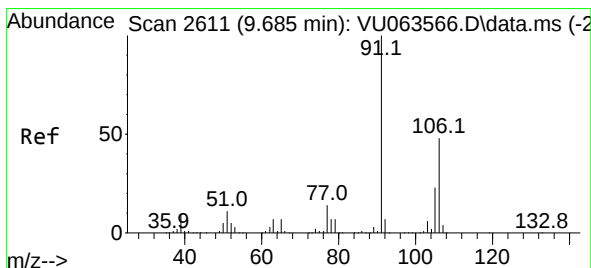
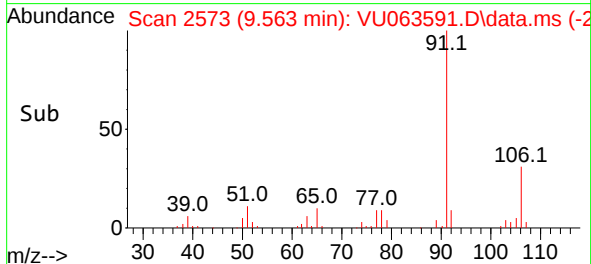
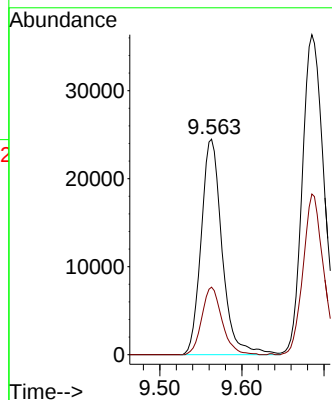
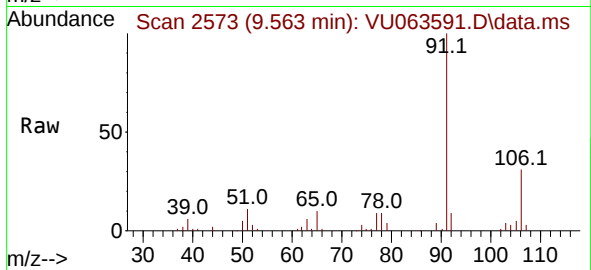




#63
Ethyl Benzene
Concen: 0.935 ug/l
RT: 9.563 min Scan# 2572
Delta R.T. 0.003 min
Lab File: VU063591.D
Acq: 16 Sep 2025 13:09

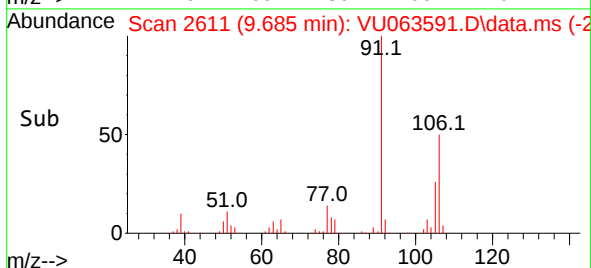
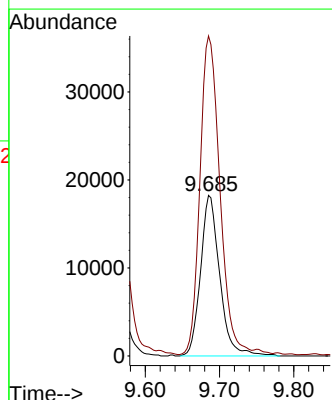
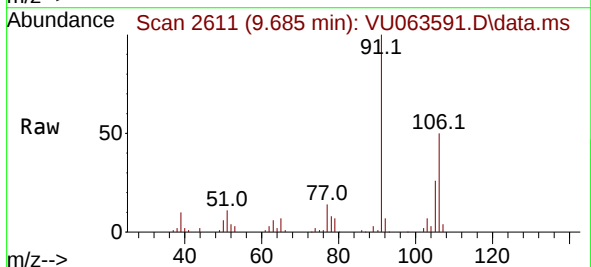
Instrument :
MSVOA_U
ClientSampleId :

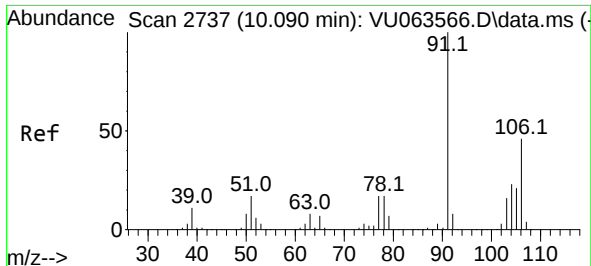
Tgt Ion: 91 Resp: 43447
Ion Ratio Lower Upper
91 100
106 31.3 23.8 35.8



#64
m/p-Xylenes
Concen: 1.834 ug/l
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU063591.D
Acq: 16 Sep 2025 13:09

Tgt Ion: 106 Resp: 32742
Ion Ratio Lower Upper
106 100
91 205.1 167.0 250.4

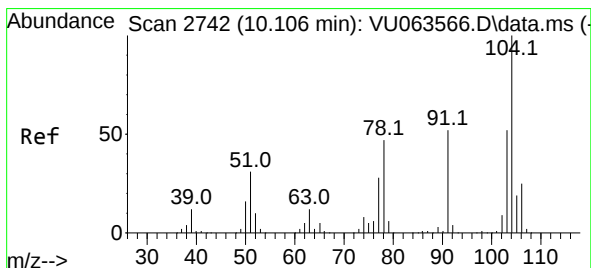
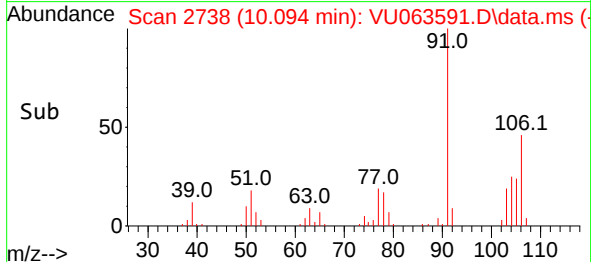
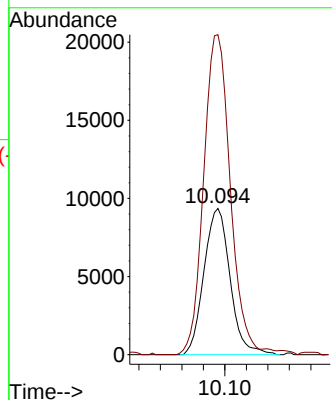
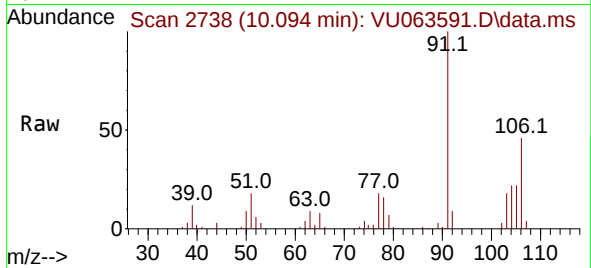




#65
o-Xylene
Concen: 0.885 ug/l
RT: 10.094 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063591.D
Acq: 16 Sep 2025 13:09

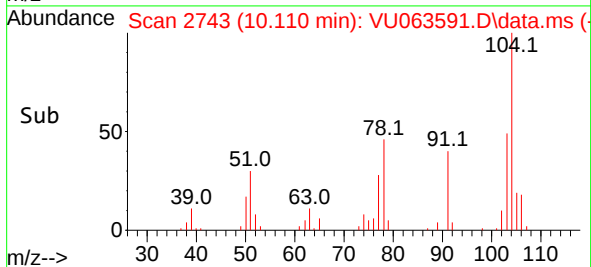
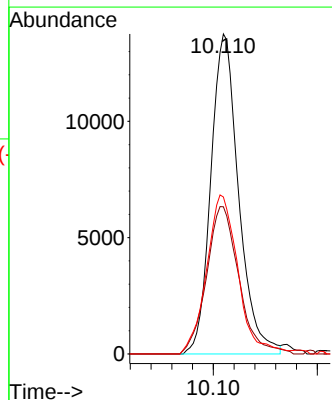
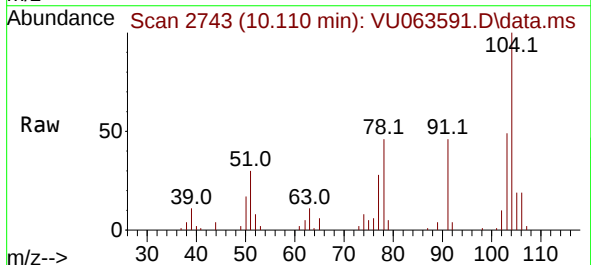
Instrument :
MSVOA_U
ClientSampleId :

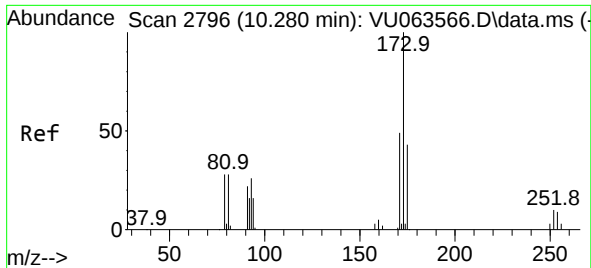
Tgt Ion:106 Resp: 15812
Ion Ratio Lower Upper
106 100
91 223.5 108.7 326.1



#66
Styrene
Concen: 0.897 ug/l
RT: 10.110 min Scan# 2743
Delta R.T. 0.003 min
Lab File: VU063591.D
Acq: 16 Sep 2025 13:09

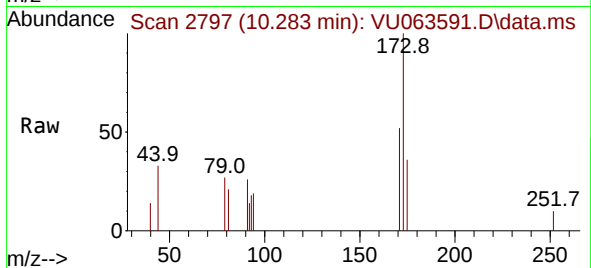
Tgt Ion:104 Resp: 25576
Ion Ratio Lower Upper
104 100
78 53.5 41.2 61.8
103 56.0 44.2 66.2



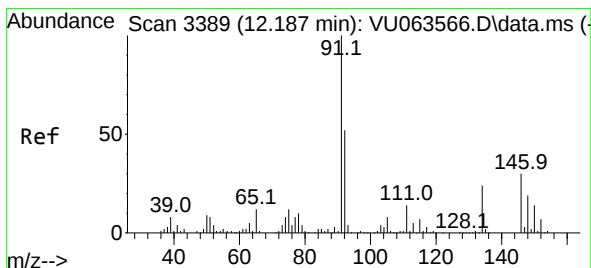
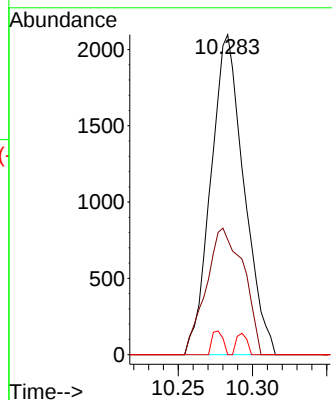
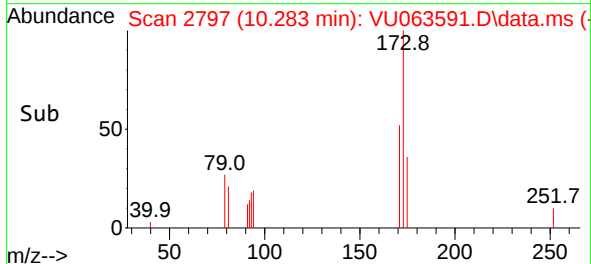


#67
Bromoform
Concen: 0.860 ug/l
RT: 10.283 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063591.D
Acq: 16 Sep 2025 13:09

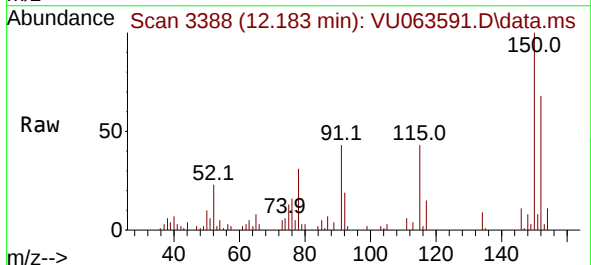
Instrument :
MSVOA_U
ClientSampleId :



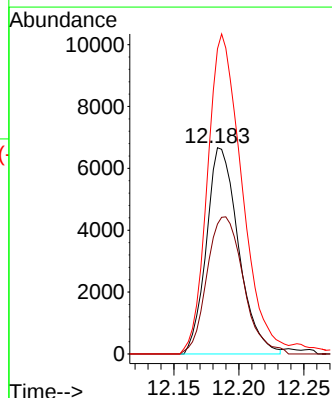
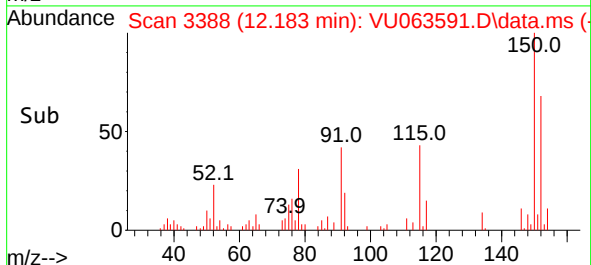
Tgt Ion:173 Resp: 3246
Ion Ratio Lower Upper
173 100
175 44.6 37.0 55.6
254 2.4 7.1 10.7#

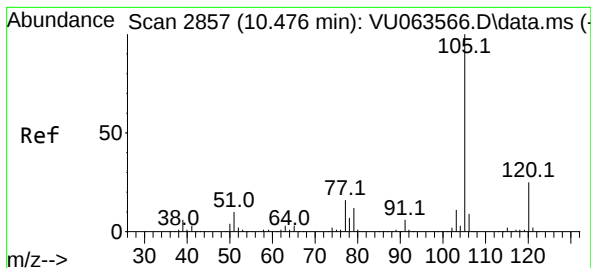


#68
1,2-Dichlorobenzene-d4
Concen: 0.909 ug/l
RT: 12.183 min Scan# 3388
Delta R.T. -0.003 min
Lab File: VU063591.D
Acq: 16 Sep 2025 13:09



Tgt Ion:152 Resp: 11475
Ion Ratio Lower Upper
152 100
115 75.4 0.0 260.6
150 166.5 0.0 661.8





#69

Isopropylbenzene

Concen: 0.924 ug/l

RT: 10.476 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU063591.D

Acq: 16 Sep 2025 13:09

Instrument :

MSVOA_U

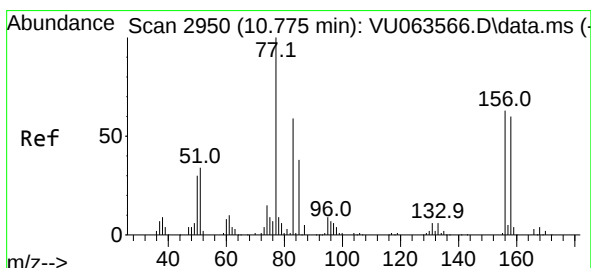
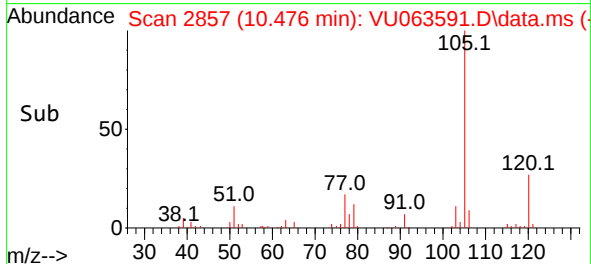
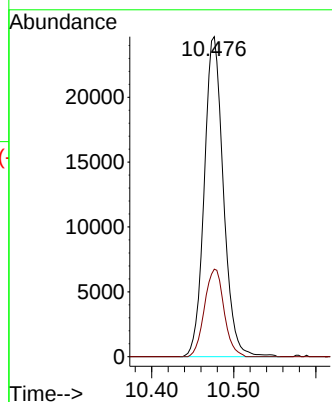
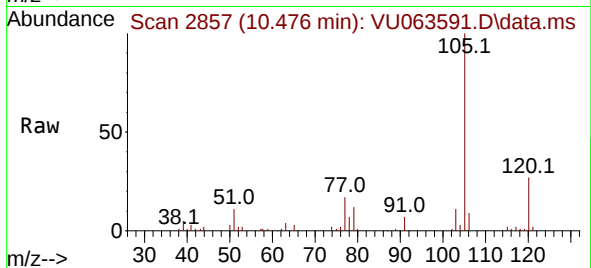
ClientSampleId :

Tgt Ion:105 Resp: 40070

Ion Ratio Lower Upper

105 100

120 27.9 12.7 38.0



#70

1,1,2,2-Tetrachloroethane

Concen: 0.991 ug/l

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU063591.D

Acq: 16 Sep 2025 13:09

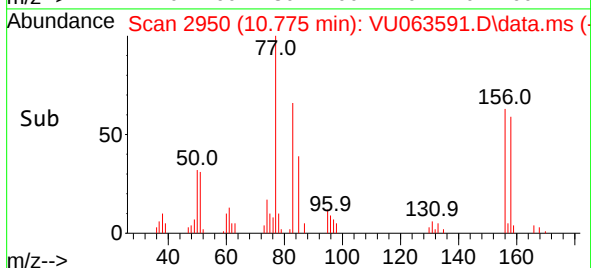
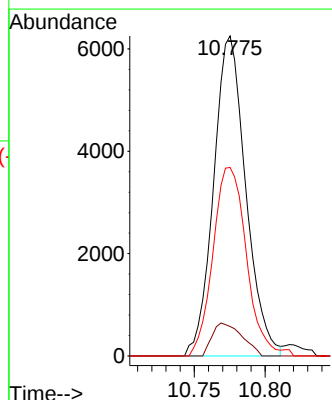
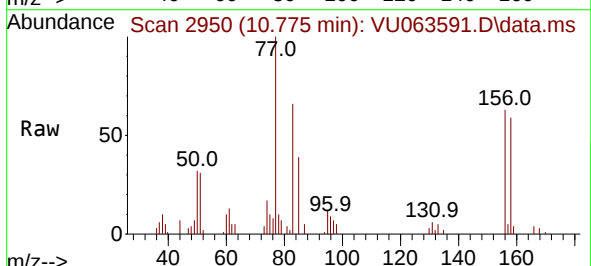
Tgt Ion: 83 Resp: 9874

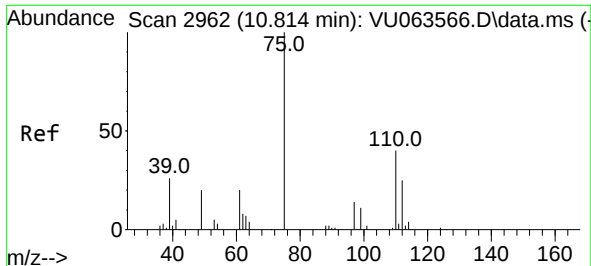
Ion Ratio Lower Upper

83 100

131 9.5 7.7 11.5

85 61.3 52.2 78.4

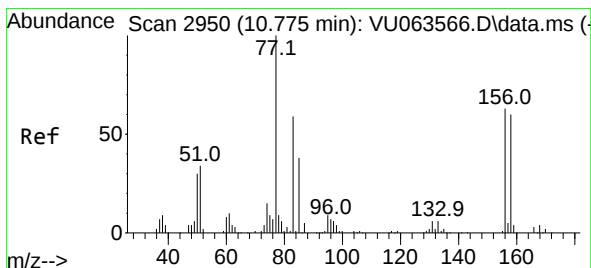
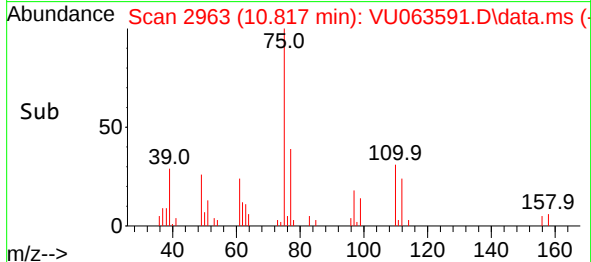
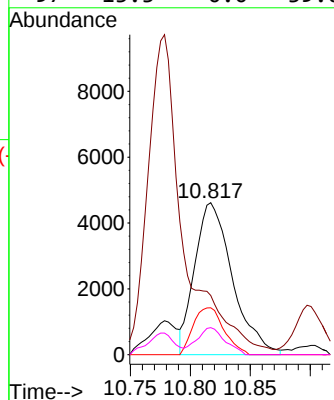
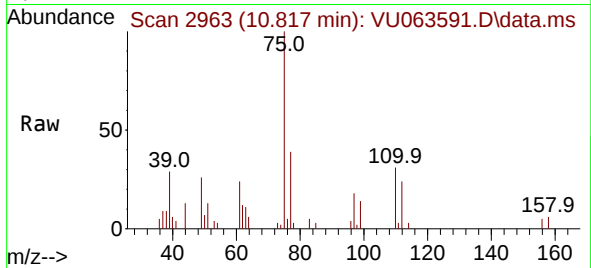




#71
1,2,3-Trichloropropane
Concen: 1.368 ug/l
RT: 10.817 min Scan# 2963
Delta R.T. 0.003 min
Lab File: VU063591.D
Acq: 16 Sep 2025 13:09

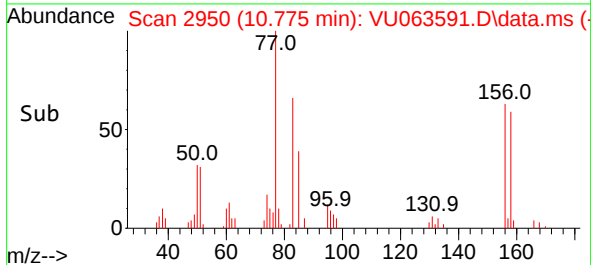
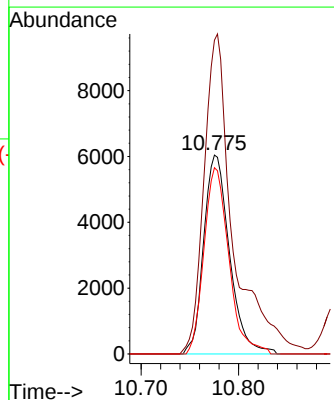
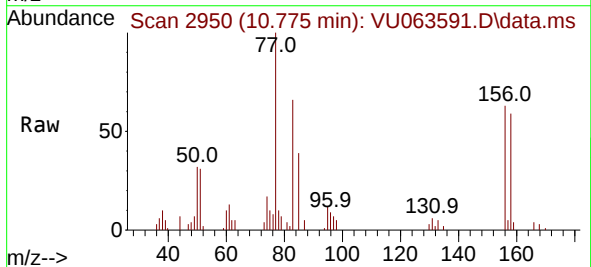
Instrument :
MSVOA_U
ClientSampleId :

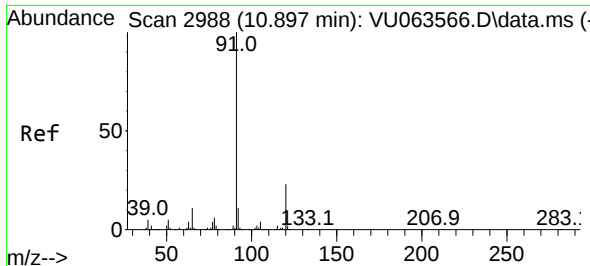
Tgt Ion: 75	Resp: 10097
Ion Ratio	Lower Upper
75 100	
77 0.0	0.0 0.0
110 25.2	0.0 77.6
97 13.3	0.0 39.6



#72
Bromobenzene
Concen: 0.988 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU063591.D
Acq: 16 Sep 2025 13:09

Tgt Ion: 156	Resp: 11116
Ion Ratio	Lower Upper
156 100	
77 182.1	0.0 323.0
158 90.4	0.0 195.4

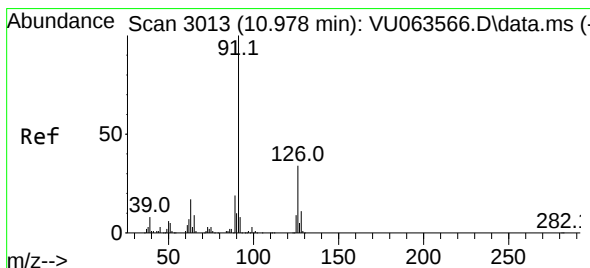
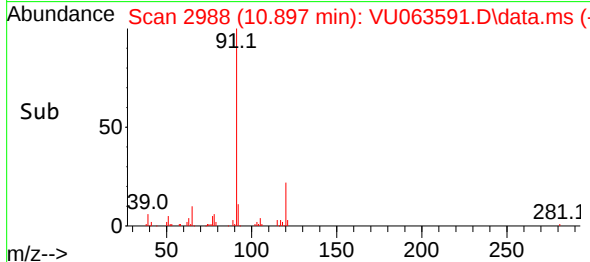
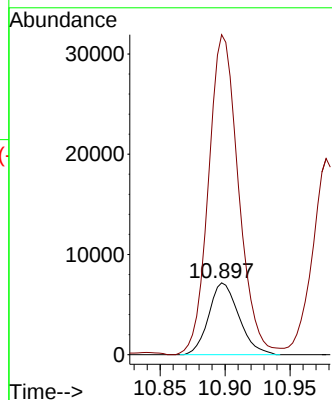
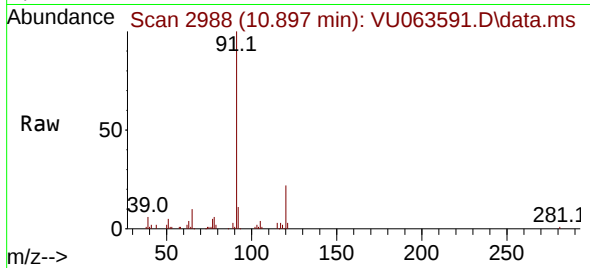




#73
n-propylbenzene
Concen: 0.922 ug/l
RT: 10.897 min Scan# 2988
Delta R.T. -0.000 min
Lab File: VU063591.D
Acq: 16 Sep 2025 13:09

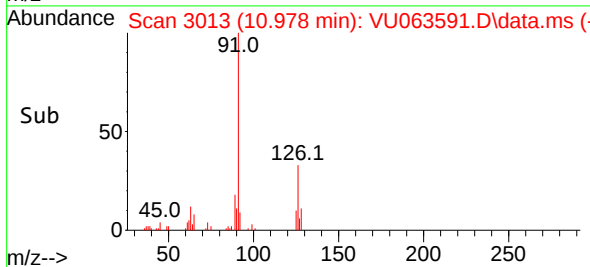
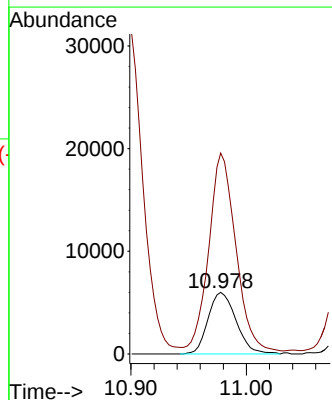
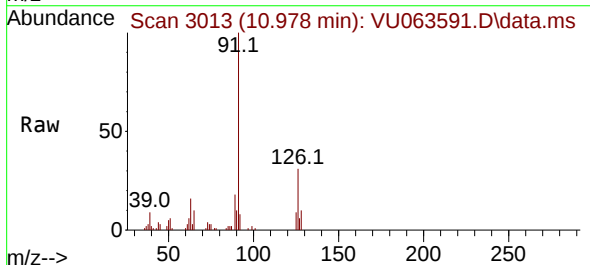
Instrument :
MSVOA_U
ClientSampleId :

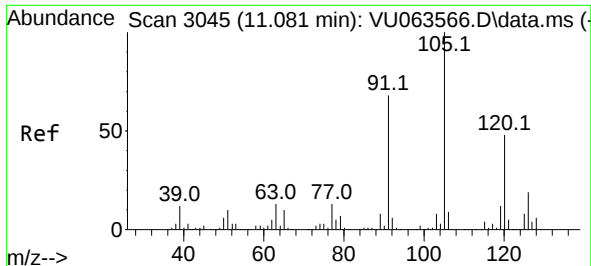
Tgt Ion:120 Resp: 11555
Ion Ratio Lower Upper
120 100
91 443.8 349.1 523.7



#74
2-Chlorotoluene
Concen: 0.891 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. -0.000 min
Lab File: VU063591.D
Acq: 16 Sep 2025 13:09

Tgt Ion:126 Resp: 10098
Ion Ratio Lower Upper
126 100
91 312.2 0.0 609.4

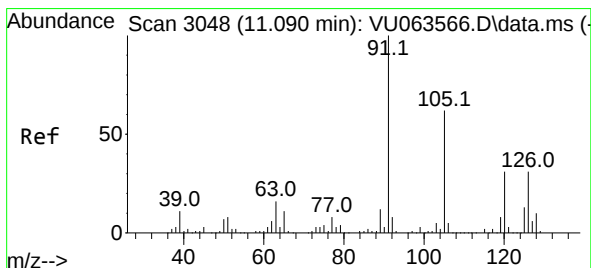
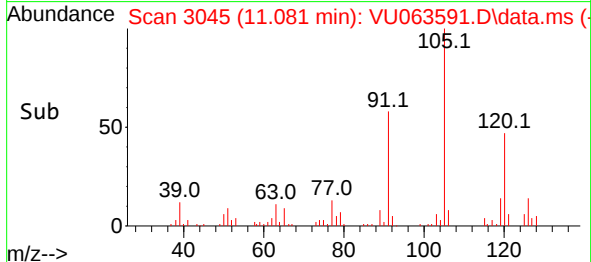
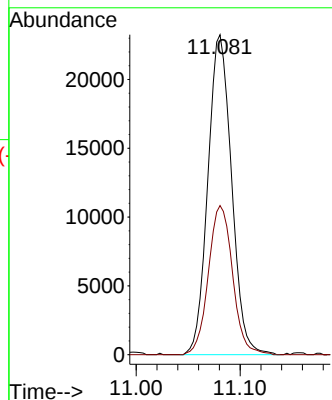
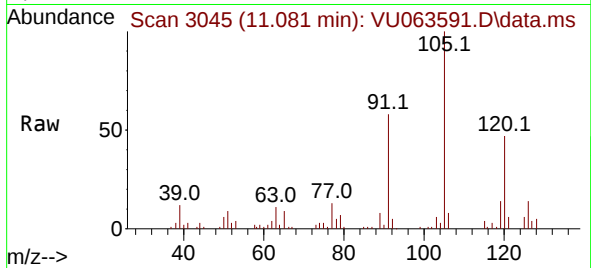




#75
1,3,5-Trimethylbenzene
Concen: 0.908 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VU063591.D
Acq: 16 Sep 2025 13:09

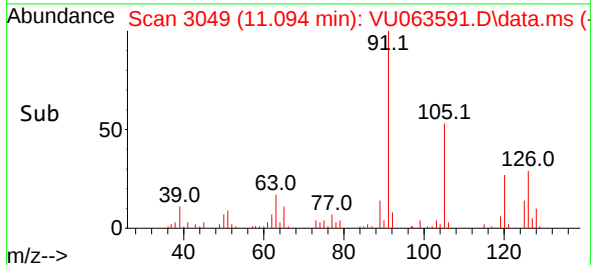
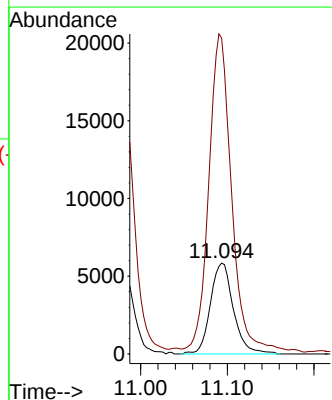
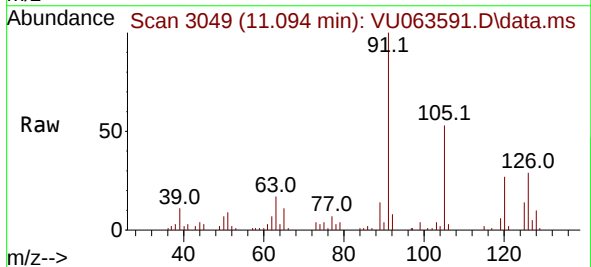
Instrument :
MSVOA_U
ClientSampleId :

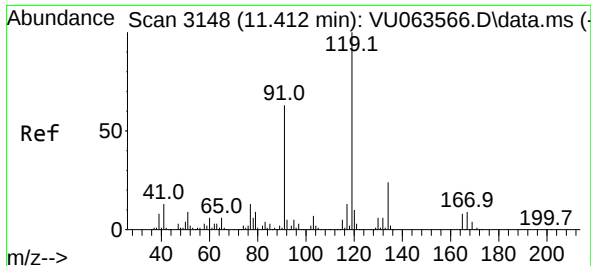
Tgt Ion:105 Resp: 36831
Ion Ratio Lower Upper
105 100
120 47.6 38.0 57.0



#76
4-Chlorotoluene
Concen: 0.909 ug/l
RT: 11.094 min Scan# 3049
Delta R.T. 0.003 min
Lab File: VU063591.D
Acq: 16 Sep 2025 13:09

Tgt Ion:126 Resp: 10788
Ion Ratio Lower Upper
126 100
91 339.7 0.0 679.4

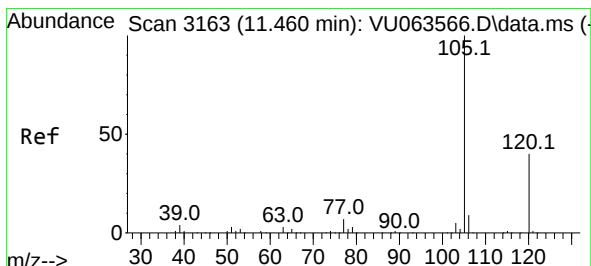
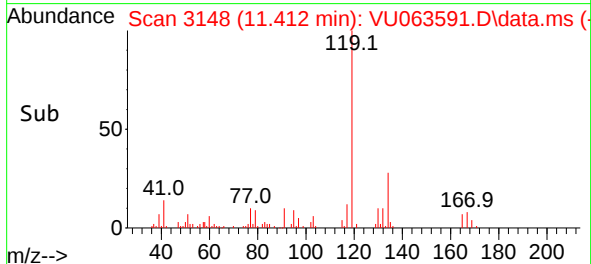
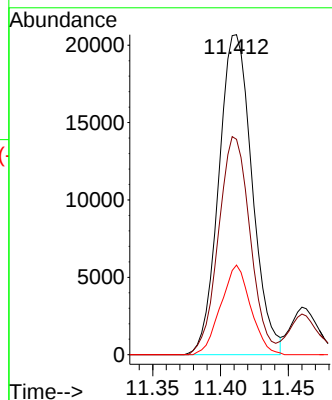
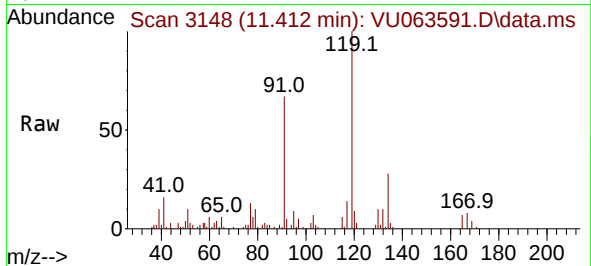




#77
tert-Butylbenzene
Concen: 0.902 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU063591.D
Acq: 16 Sep 2025 13:09

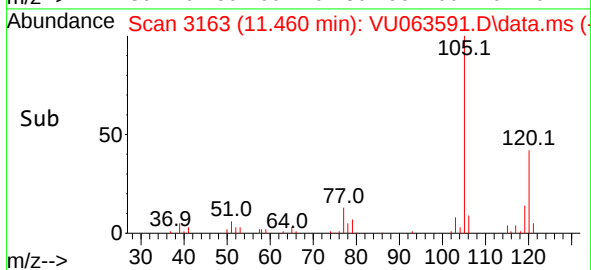
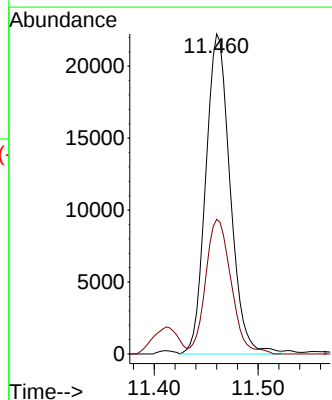
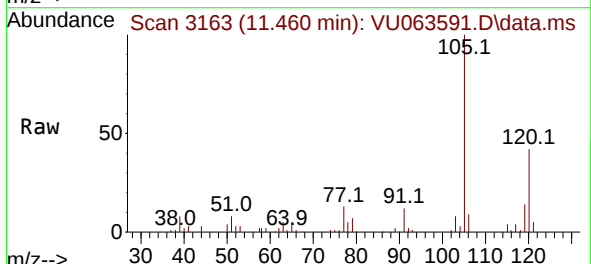
Instrument :
MSVOA_U
ClientSampleId :

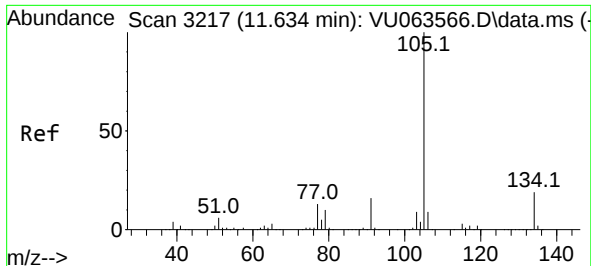
Tgt Ion:119 Resp: 35363
Ion Ratio Lower Upper
119 100
91 64.8 31.0 93.0
134 25.1 19.0 28.6



#78
1,2,4-Trimethylbenzene
Concen: 0.919 ug/l
RT: 11.460 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VU063591.D
Acq: 16 Sep 2025 13:09

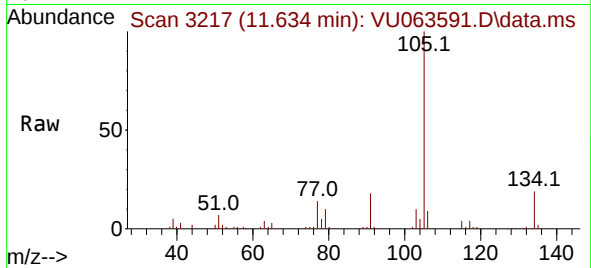
Tgt Ion:105 Resp: 36279
Ion Ratio Lower Upper
105 100
120 43.9 22.4 67.3



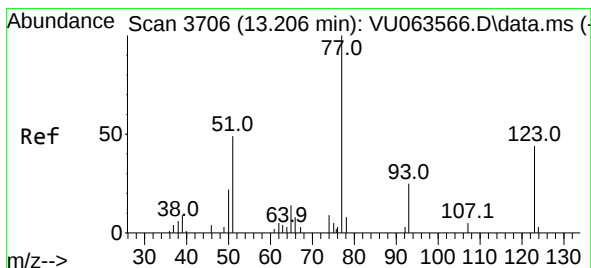
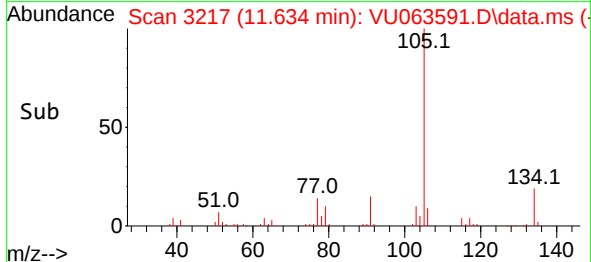
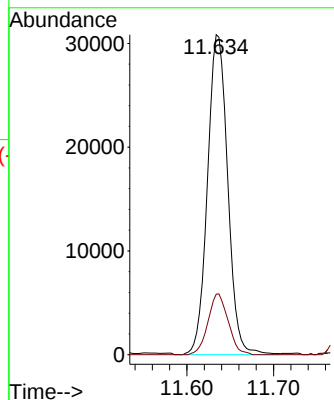


#79
 sec-Butylbenzene
 Concen: 0.942 ug/l
 RT: 11.634 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU063591.D
 Acq: 16 Sep 2025 13:09

Instrument :
 MSVOA_U
 ClientSampleId :

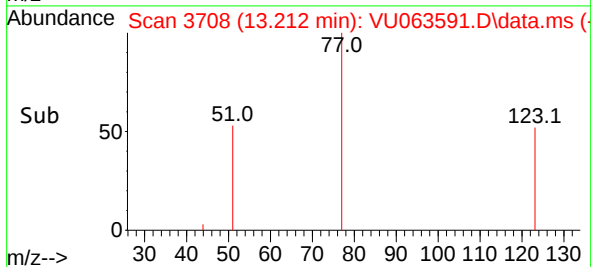
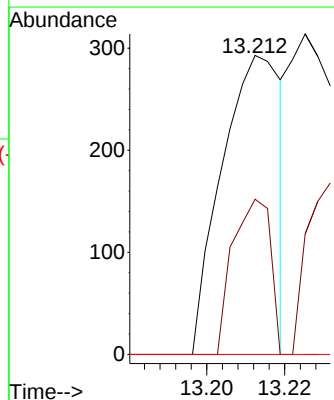
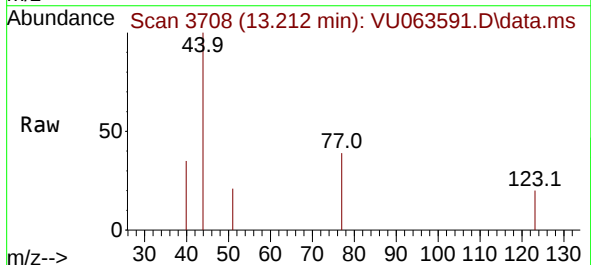


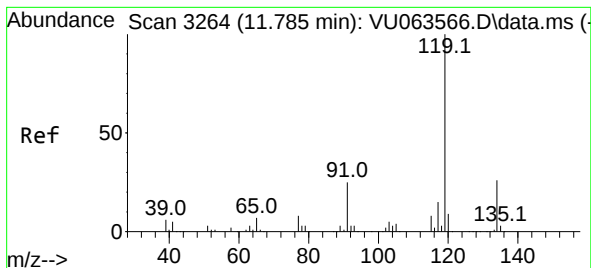
Tgt Ion:105 Resp: 50063
 Ion Ratio Lower Upper
 105 100
 134 18.9 15.6 23.4



#80
 Nitrobenzene
 Concen: 2.260 ug/l
 RT: 13.212 min Scan# 3708
 Delta R.T. 0.006 min
 Lab File: VU063591.D
 Acq: 16 Sep 2025 13:09

Tgt Ion: 77 Resp: 309
 Ion Ratio Lower Upper
 77 100
 123 33.0 18.0 63.6
 65 0.0 12.8 16.4#





#81

p-Isopropyltoluene

Concen: 0.906 ug/l

RT: 11.785 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU063591.D

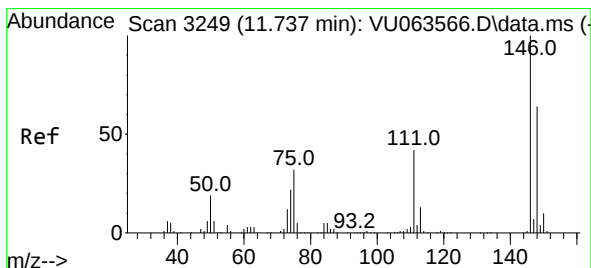
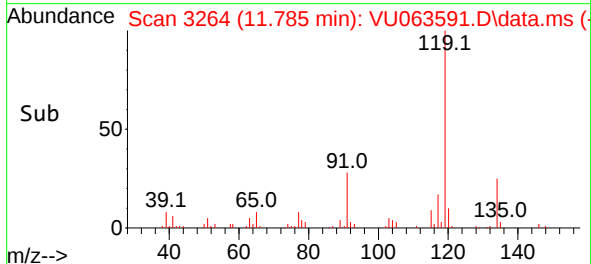
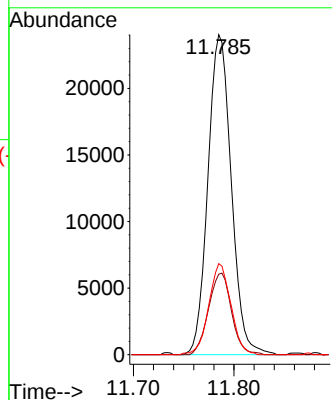
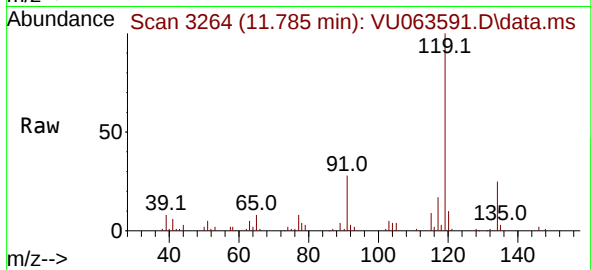
Acq: 16 Sep 2025 13:09

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	119	Resp:	38742
Ion	Ratio	Lower	Upper
119	100		
134	25.1	20.6	30.8
91	26.9	19.8	29.6



#82

1,3-Dichlorobenzene

Concen: 0.963 ug/l

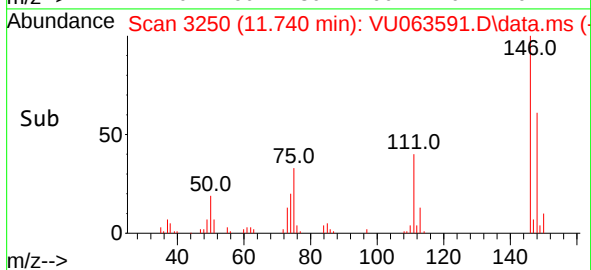
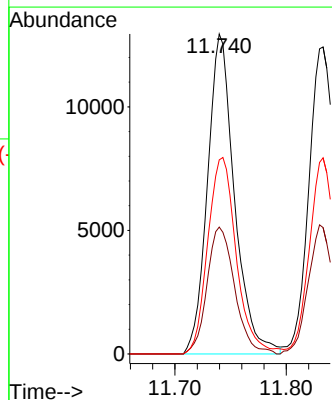
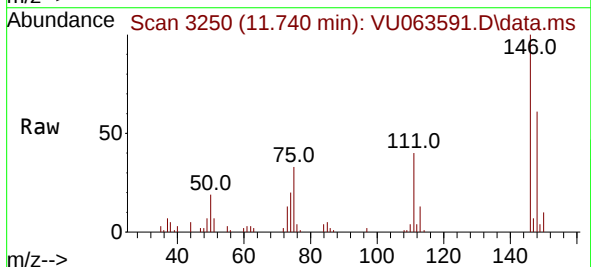
RT: 11.740 min Scan# 3250

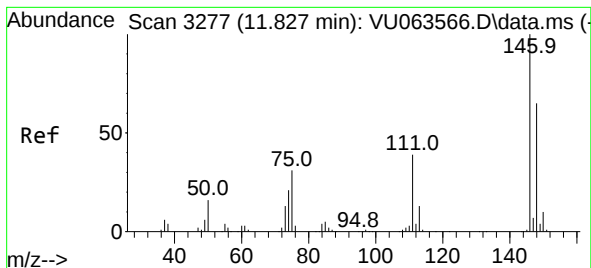
Delta R.T. 0.003 min

Lab File: VU063591.D

Acq: 16 Sep 2025 13:09

Tgt Ion:	146	Resp:	21808
Ion	Ratio	Lower	Upper
146	100		
111	40.6	32.7	49.1
148	65.1	50.4	75.6





#83

1,4-Dichlorobenzene

Concen: 0.909 ug/l

RT: 11.833 min Scan# 31

Delta R.T. 0.006 min

Lab File: VU063591.D

Acq: 16 Sep 2025 13:09

Instrument :

MSVOA_U

ClientSampleId :

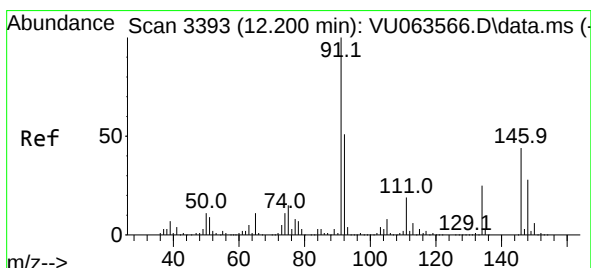
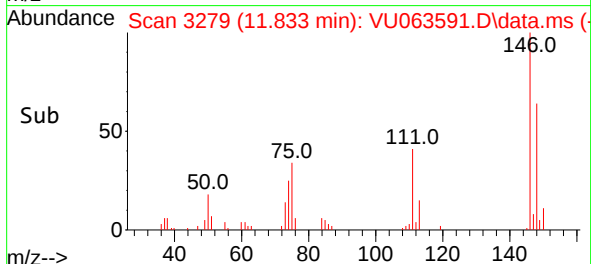
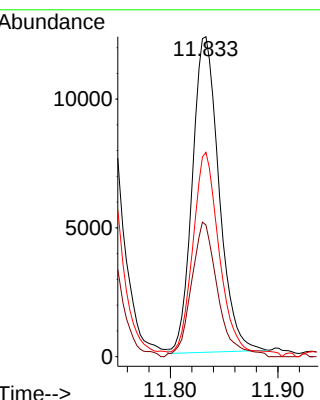
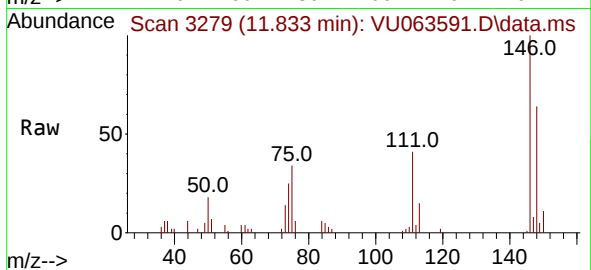
Tgt Ion:146 Resp: 21135

Ion Ratio Lower Upper

146 100

111 42.0 31.6 47.4

148 66.0 51.8 77.8



#84

n-Butylbenzene

Concen: 0.923 ug/l

RT: 12.203 min Scan# 3394

Delta R.T. 0.003 min

Lab File: VU063591.D

Acq: 16 Sep 2025 13:09

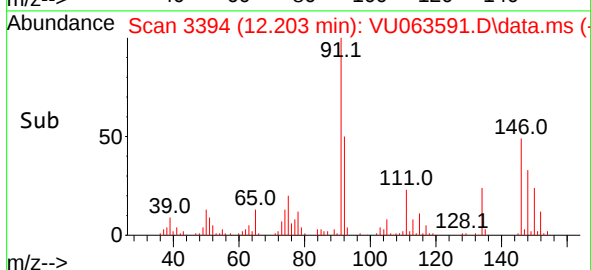
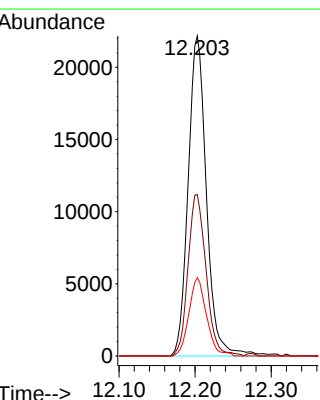
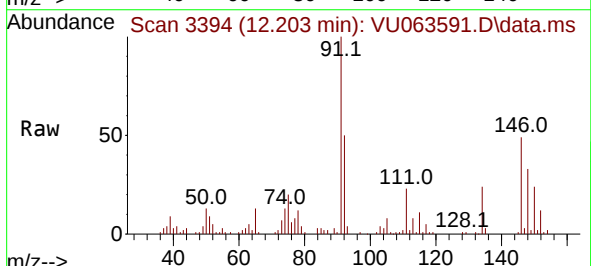
Tgt Ion: 91 Resp: 36989

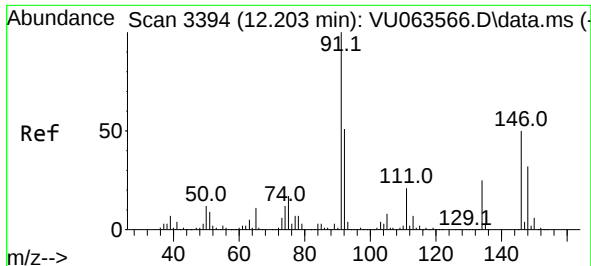
Ion Ratio Lower Upper

91 100

92 49.7 41.3 61.9

134 23.5 19.9 29.9

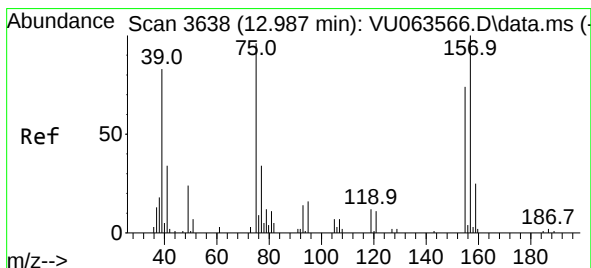
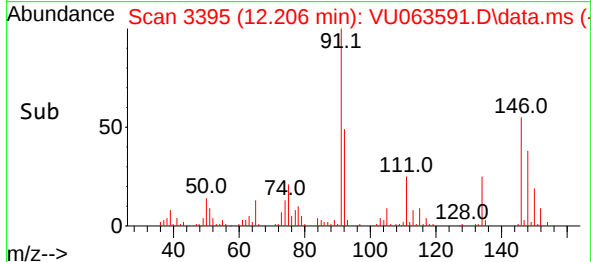
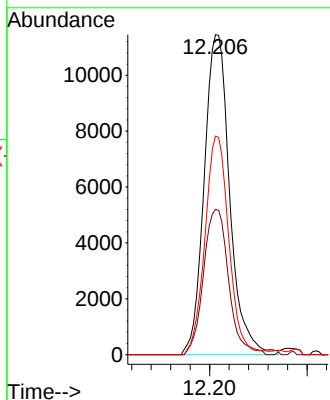
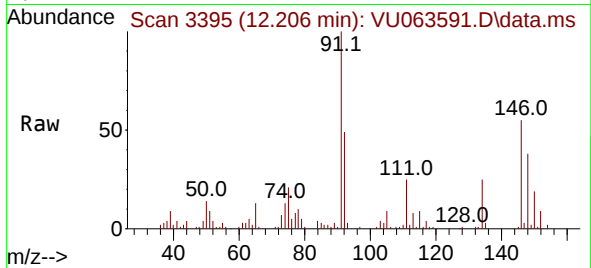




#85
 1,2-Dichlorobenzene
 Concen: 0.954 ug/l
 RT: 12.206 min Scan# 311
 Delta R.T. 0.003 min
 Lab File: VU063591.D
 Acq: 16 Sep 2025 13:09

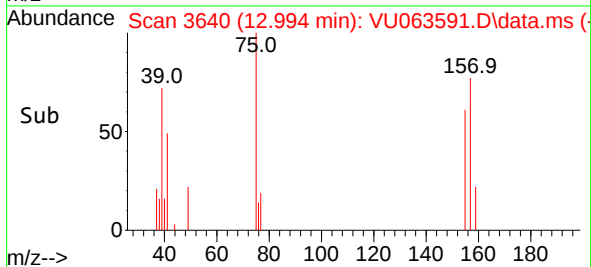
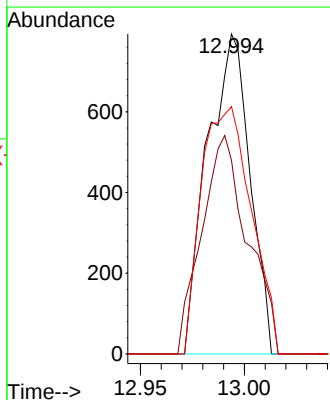
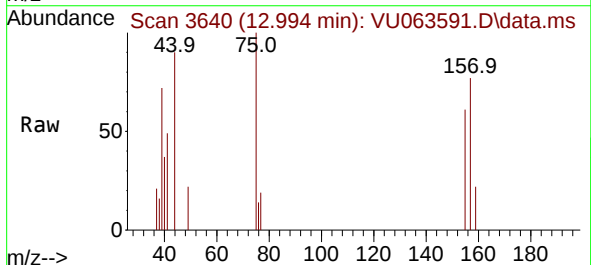
Instrument :
 MSVOA_U
 ClientSampleId :

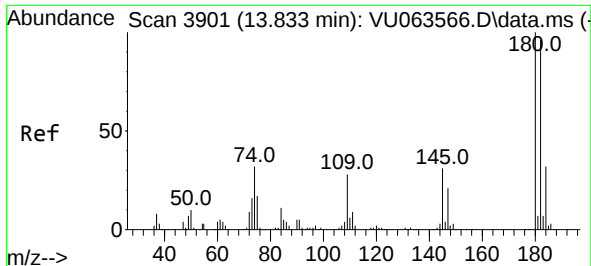
Tgt Ion:	146	Resp:	20841
Ion Ratio	Lower	Upper	
146	100		
111	44.6	21.0	63.0
148	64.1	31.8	95.3



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 0.880 ug/l
 RT: 12.994 min Scan# 3640
 Delta R.T. 0.006 min
 Lab File: VU063591.D
 Acq: 16 Sep 2025 13:09

Tgt Ion:	75	Resp:	1129
Ion Ratio	Lower	Upper	
75	100		
155	73.8	64.1	96.1
157	90.8	84.2	126.4

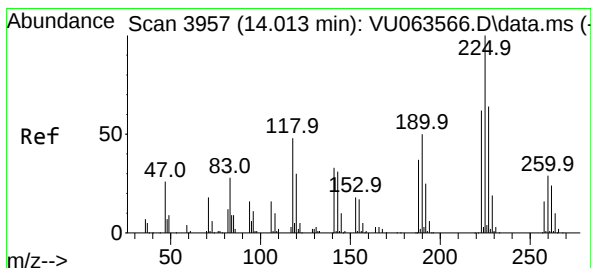
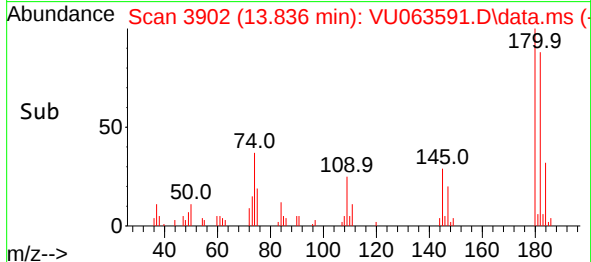
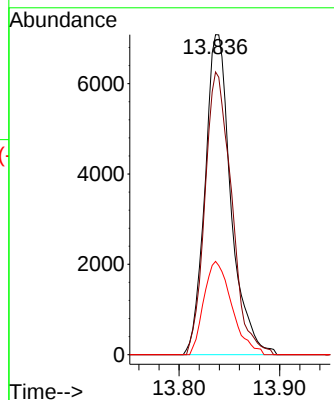
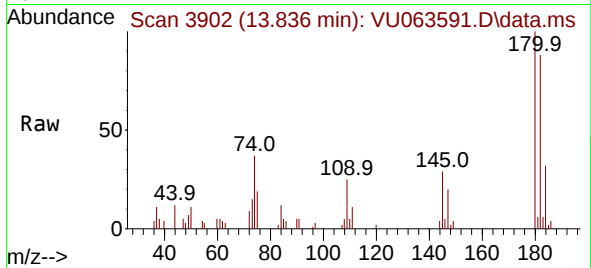




#87
1,2,4-Trichlorobenzene
Concen: 0.961 ug/l
RT: 13.836 min Scan# 3901
Delta R.T. 0.003 min
Lab File: VU063591.D
Acq: 16 Sep 2025 13:09

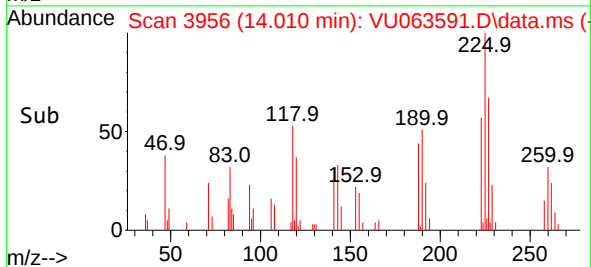
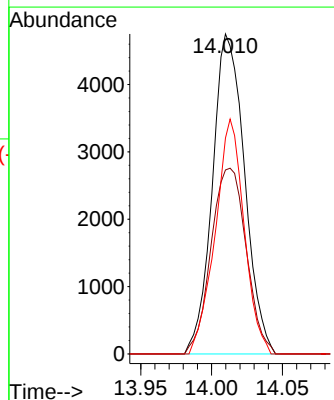
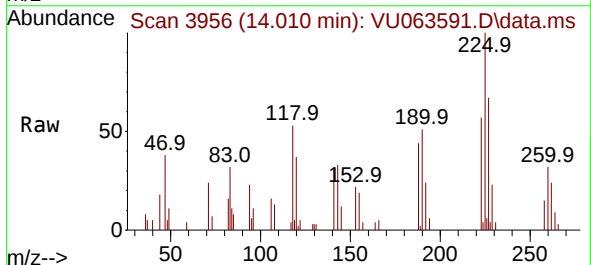
Instrument :
MSVOA_U
ClientSampleId :

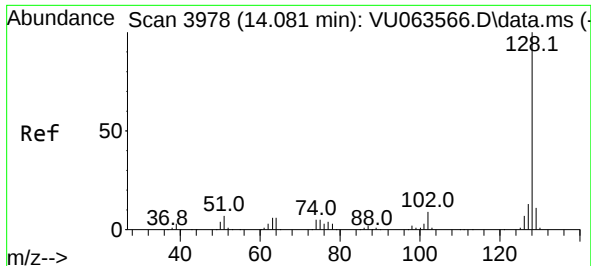
Tgt Ion:180 Resp: 12707
Ion Ratio Lower Upper
180 100
182 90.7 77.1 115.7
145 31.4 25.0 37.4



#88
Hexachlorobutadiene
Concen: 0.911 ug/l
RT: 14.010 min Scan# 3956
Delta R.T. -0.003 min
Lab File: VU063591.D
Acq: 16 Sep 2025 13:09

Tgt Ion:225 Resp: 7500
Ion Ratio Lower Upper
225 100
223 63.5 50.2 75.2
227 66.0 51.6 77.4





#89

Naphthalene

Concen: 1.007 ug/l

RT: 14.087 min Scan# 3978

Delta R.T. 0.006 min

Lab File: VU063591.D

Acq: 16 Sep 2025 13:09

Instrument :

MSVOA_U

ClientSampleId :

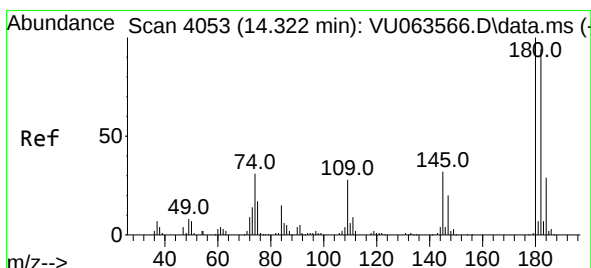
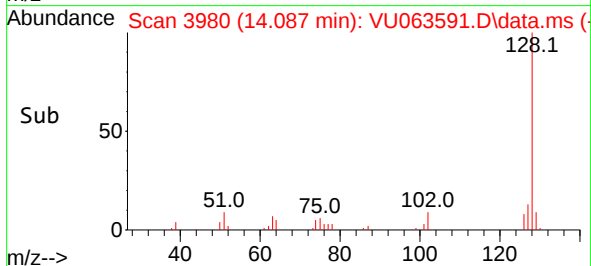
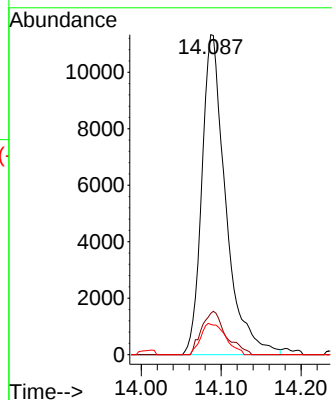
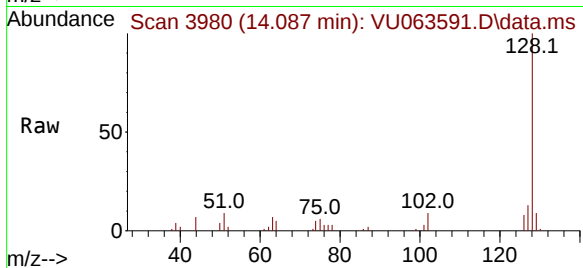
Tgt Ion:128 Resp: 23541

Ion Ratio Lower Upper

128 100

127 13.8 10.2 15.4

129 10.2 8.6 13.0



#90

1,2,3-Trichlorobenzene

Concen: 0.953 ug/l

RT: 14.325 min Scan# 4054

Delta R.T. 0.003 min

Lab File: VU063591.D

Acq: 16 Sep 2025 13:09

Tgt Ion:180 Resp: 11956

Ion Ratio Lower Upper

180 100

182 93.2 76.8 115.2

145 33.7 26.6 40.0

