

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112425\
 Data File : VU063775.D
 Acq On : 24 Nov 2025 13:38
 Operator : MD/SY
 Sample : VU1124MBL01
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK131

Quant Time: Nov 25 00:23:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM111725WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 25 00:22:49 2025
 Response via : Initial Calibration

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

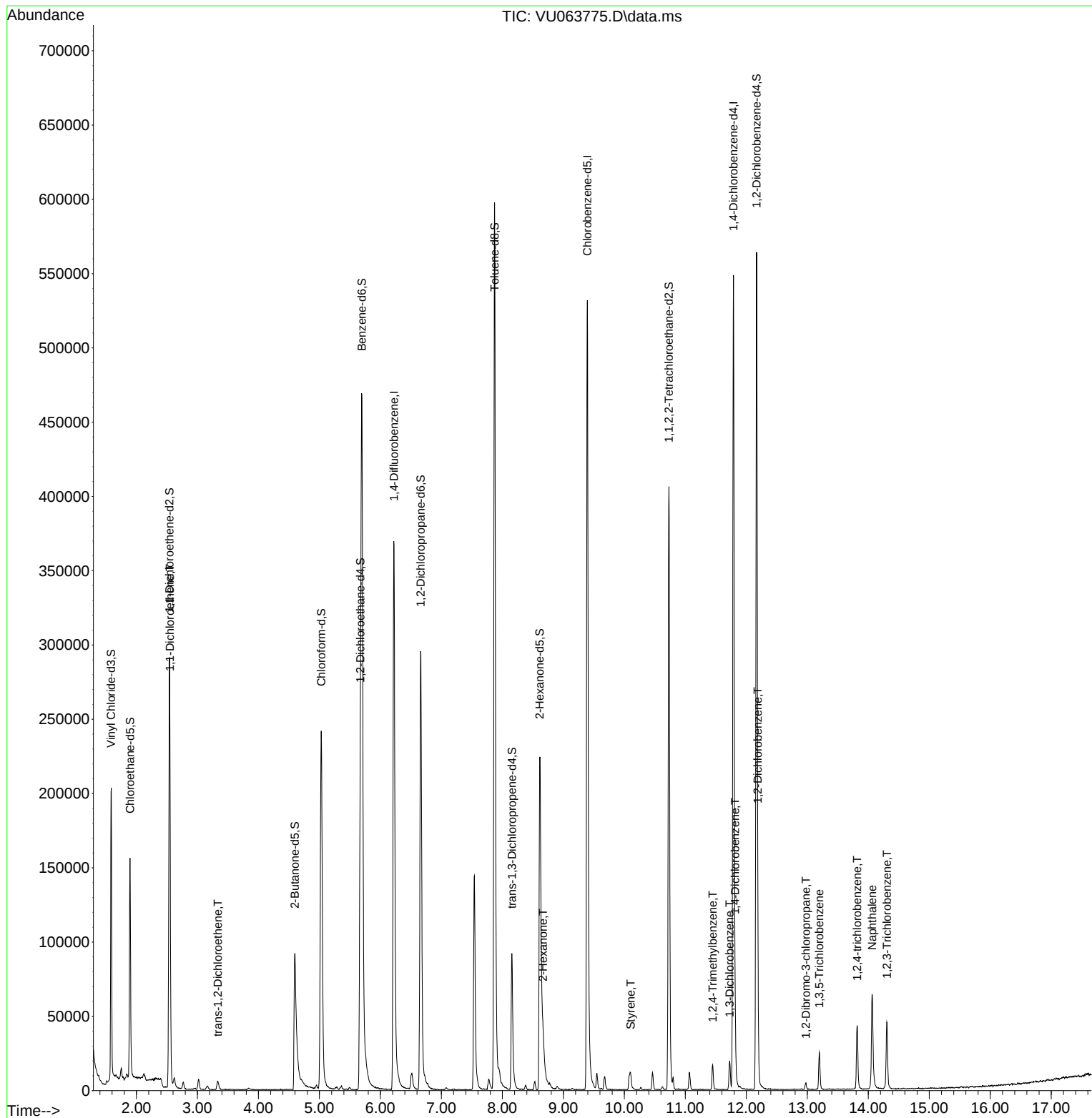
Internal Standards						
1) 1,4-Difluorobenzene	6.222	114	328000	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.393	117	308329	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.788	152	146132	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.583	65	125812	44.419	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	88.840%		
7) Chloroethane-d5	1.895	69	105333	48.271	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	96.540%		
11) 1,1-Dichloroethene-d2	2.541	63	176224	35.894	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.780%		
21) 2-Butanone-d5	4.596	46	143909	89.122	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	89.120%		
24) Chloroform-d	5.030	84	231679	48.751	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.500%		
26) 1,2-Dichloroethane-d4	5.669	65	157877	50.522	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.040%		
32) Benzene-d6	5.695	84	453461	50.174	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.340%		
36) 1,2-Dichloropropane-d6	6.660	67	138347	52.144	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	104.280%		
41) Toluene-d8	7.872	98	417154	48.614	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.220%		
43) trans-1,3-Dichloroprop...	8.155	79	51250	46.743	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.480%		
47) 2-Hexanone-d5	8.611	63	89726	93.014	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	93.010%		
56) 1,1,2,2-Tetrachloroeth...	10.730	84	194113	50.029	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	100.060%		
66) 1,2-Dichlorobenzene-d4	12.168	152	146567	53.131	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	106.260%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.547	96	2522	1.178	ug/L #	1
17) trans-1,2-Dichloroethene	3.332	96	2076	0.909	ug/L	97
48) 2-Hexanone	8.666	43	16279	5.863	ug/L #	84
55) Styrene	10.103	104	5816	0.802	ug/L	87
63) 1,2,4-Trimethylbenzene	11.451	105	10497	1.213	ug/L	92
64) 1,3-Dichlorobenzene	11.724	146	8008	1.620	ug/L	97
65) 1,4-Dichlorobenzene	11.814	146	11539	2.279	ug/L	96
67) 1,2-Dichlorobenzene	12.187	146	7594	1.585	ug/L #	82
68) 1,2-Dibromo-3-chloropr...	12.975	75	1218	1.547	ug/L	97
69) 1,3,5-Trichlorobenzene	13.196	180	7705	2.307	ug/L	98
70) 1,2,4-trichlorobenzene	13.817	180	13394	4.809	ug/L	92
71) Naphthalene	14.061	128	61846	8.343	ug/L	98
72) 1,2,3-Trichlorobenzene	14.306	180	14030	5.314	ug/L	95

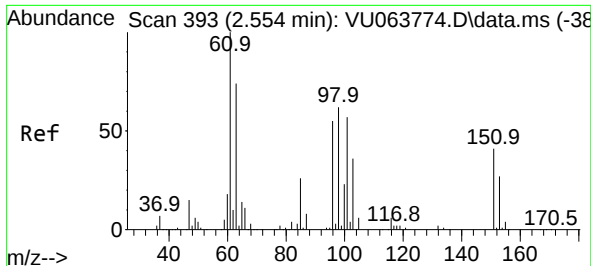
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 25 00:22:49 2025
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#12

1,1-Dichloroethene

Concen: 1.178 ug/L

RT: 2.547 min Scan# 391

Delta R.T. -0.006 min

Lab File: VU063775.D

Acq: 24 Nov 2025 13:38

Instrument :

MSVOA_U

ClientSampleId :

VBLK131

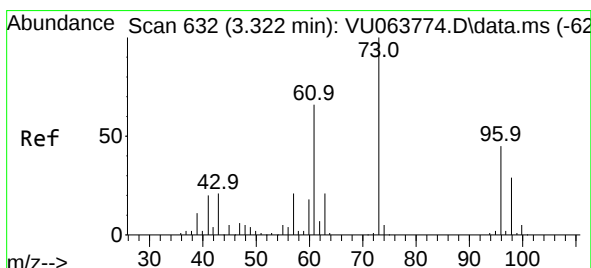
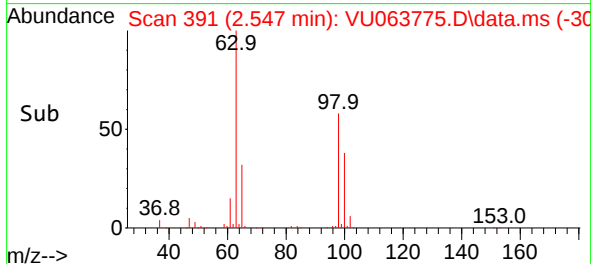
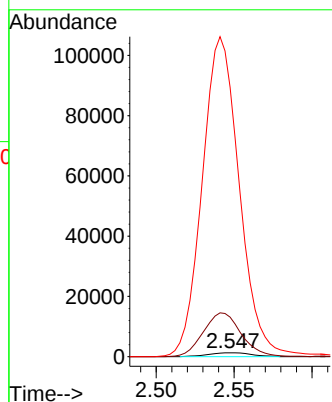
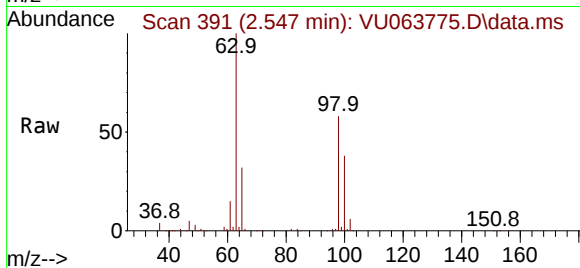
Tgt Ion: 96 Resp: 2522

Ion Ratio Lower Upper

96 100

61 1007.9 123.3 228.9#

63 6875.1 103.3 191.8#



#17

trans-1,2-Dichloroethene

Concen: 0.909 ug/L

RT: 3.332 min Scan# 635

Delta R.T. 0.010 min

Lab File: VU063775.D

Acq: 24 Nov 2025 13:38

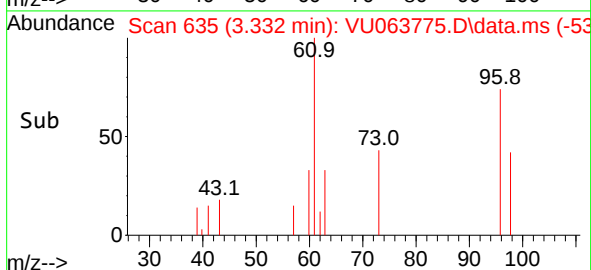
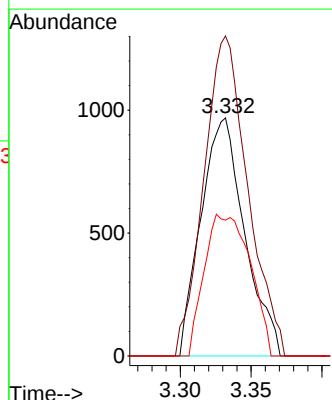
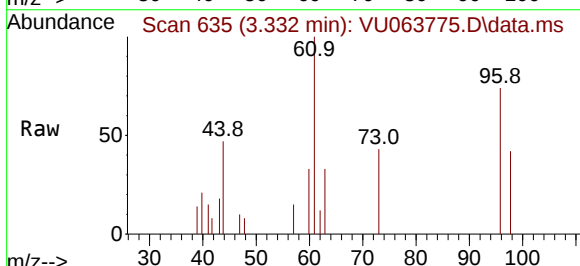
Tgt Ion: 96 Resp: 2076

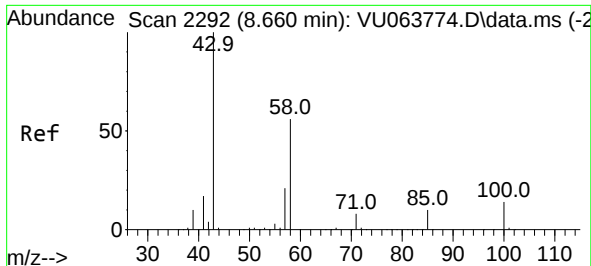
Ion Ratio Lower Upper

96 100

61 134.4 92.7 172.1

98 57.1 43.2 80.2

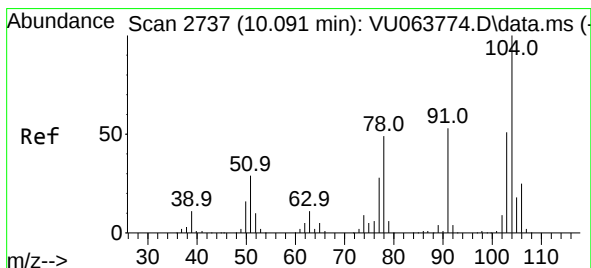
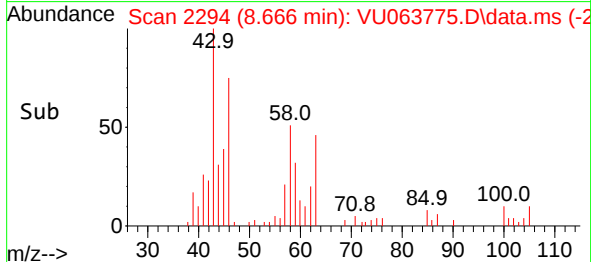
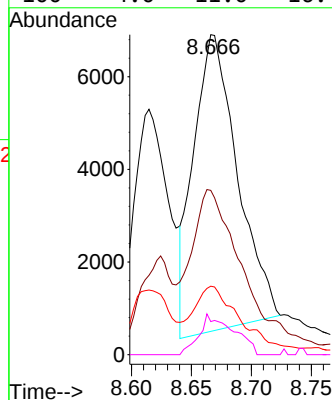
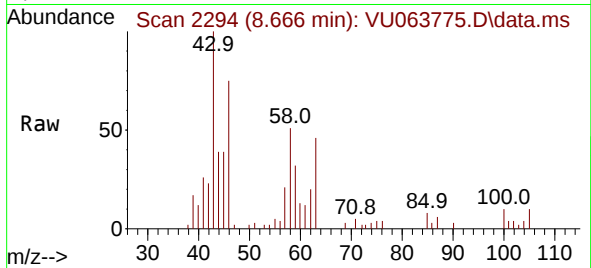




#48
2-Hexanone
Concen: 5.863 ug/L
RT: 8.666 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU063775.D
Acq: 24 Nov 2025 13:38

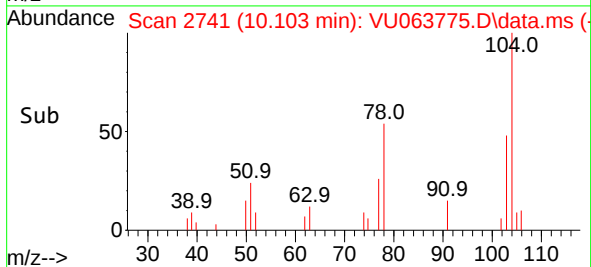
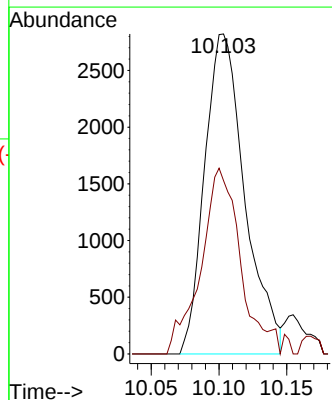
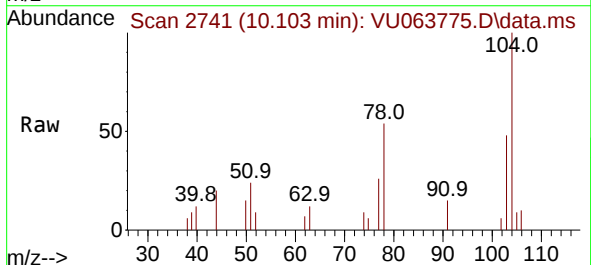
Instrument :
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ClientSampleId :
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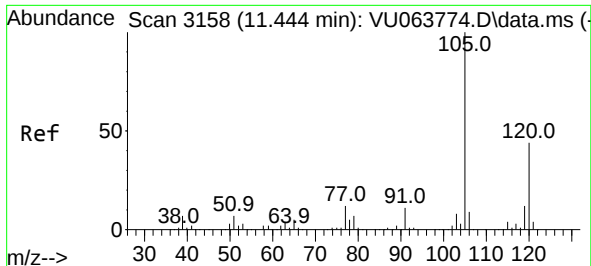
Tgt Ion:	43	Resp:	16279
Ion	Ratio	Lower	Upper
43	100		
58	46.2	44.8	67.2
57	13.2	16.6	24.8
100	4.0	11.0	16.4



#55
Styrene
Concen: 0.802 ug/L
RT: 10.103 min Scan# 2741
Delta R.T. 0.013 min
Lab File: VU063775.D
Acq: 24 Nov 2025 13:38

Tgt Ion:	104	Resp:	5816
Ion	Ratio	Lower	Upper
104	100		
78	54.1	32.0	59.4

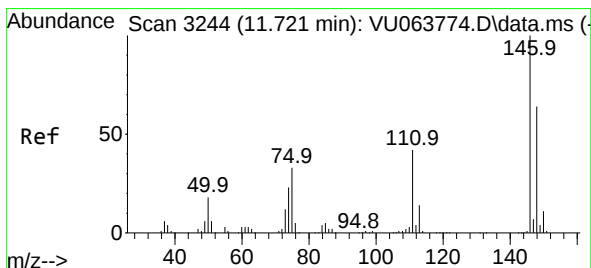
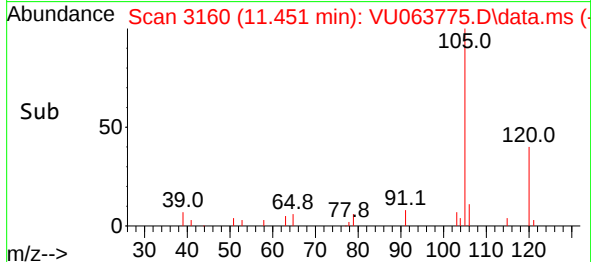
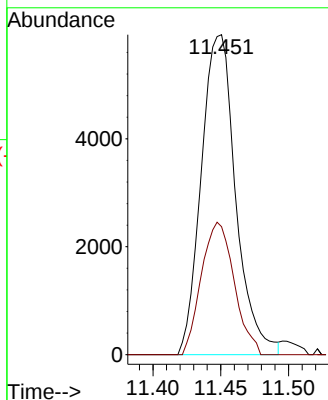
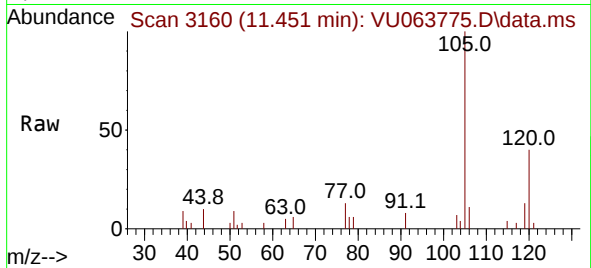




#63
1,2,4-Trimethylbenzene
Concen: 1.213 ug/L
RT: 11.451 min Scan# 3158
Delta R.T. 0.006 min
Lab File: VU063775.D
Acq: 24 Nov 2025 13:38

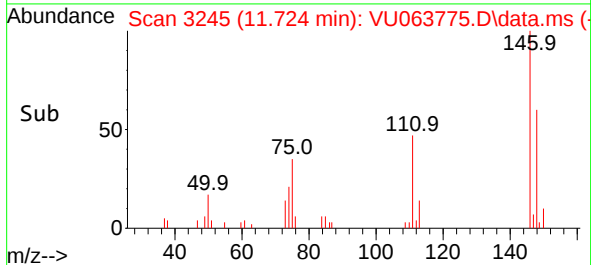
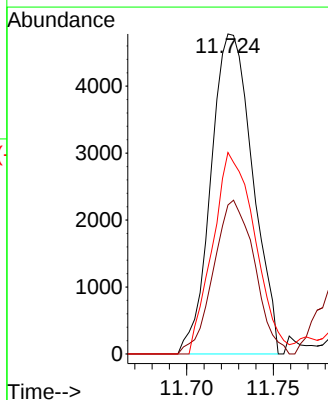
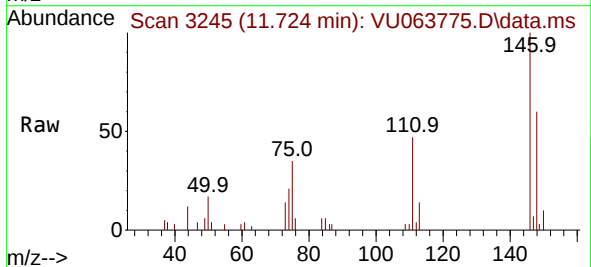
Instrument :
MSVOA_U
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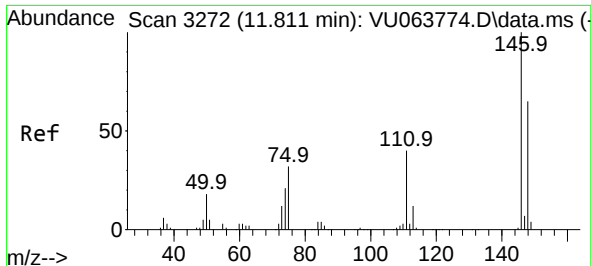
Tgt Ion:105 Resp: 10497
Ion Ratio Lower Upper
105 100
120 39.4 35.6 53.4



#64
1,3-Dichlorobenzene
Concen: 1.620 ug/L
RT: 11.724 min Scan# 3245
Delta R.T. 0.003 min
Lab File: VU063775.D
Acq: 24 Nov 2025 13:38

Tgt Ion:146 Resp: 8008
Ion Ratio Lower Upper
146 100
111 46.5 29.8 55.3
148 62.9 44.4 82.4

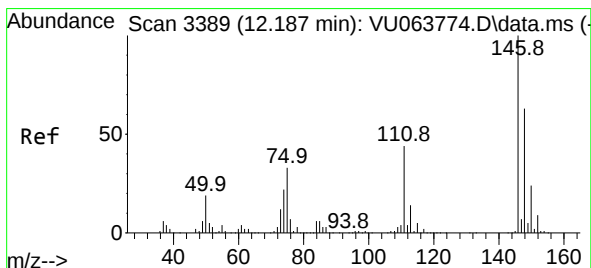
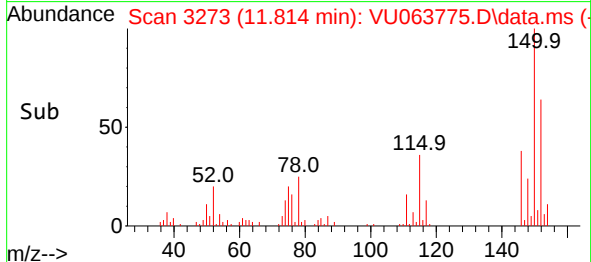
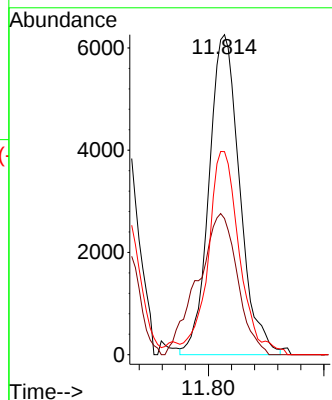
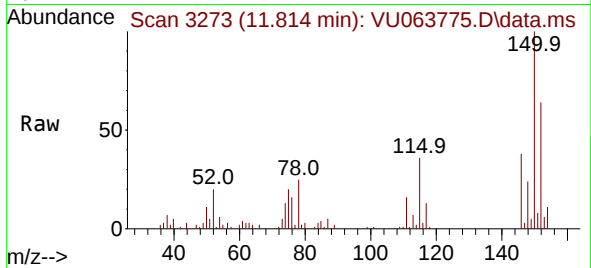




#65
1,4-Dichlorobenzene
Concen: 2.279 ug/L
RT: 11.814 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063775.D
Acq: 24 Nov 2025 13:38

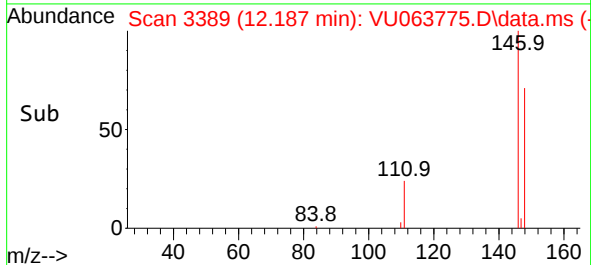
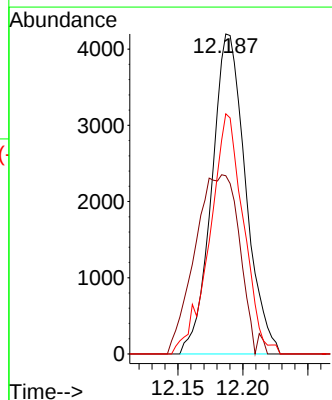
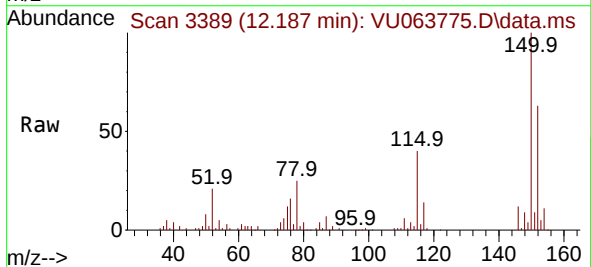
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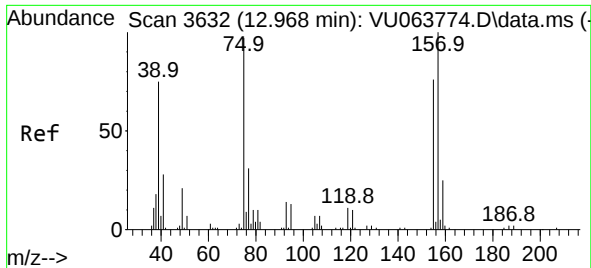
Tgt Ion:146 Resp: 11539
Ion Ratio Lower Upper
146 100
111 46.2 28.8 53.4
148 63.5 44.9 83.3



#67
1,2-Dichlorobenzene
Concen: 1.585 ug/L
RT: 12.187 min Scan# 3389
Delta R.T. -0.000 min
Lab File: VU063775.D
Acq: 24 Nov 2025 13:38

Tgt Ion:146 Resp: 7594
Ion Ratio Lower Upper
146 100
111 55.7 34.2 51.4#
148 75.1 49.6 74.4#

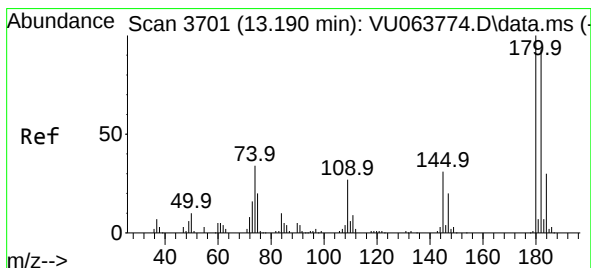
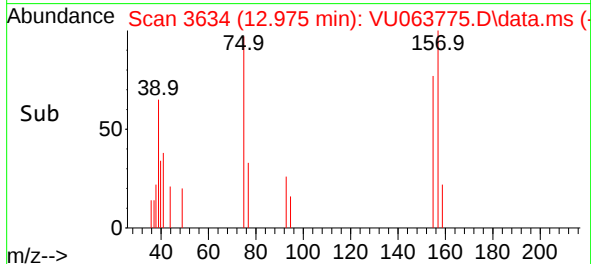
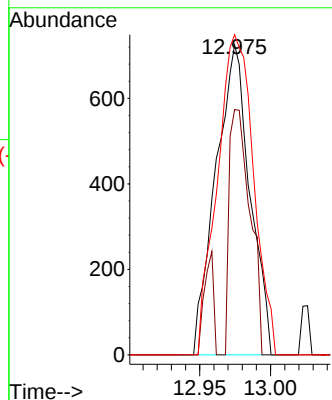
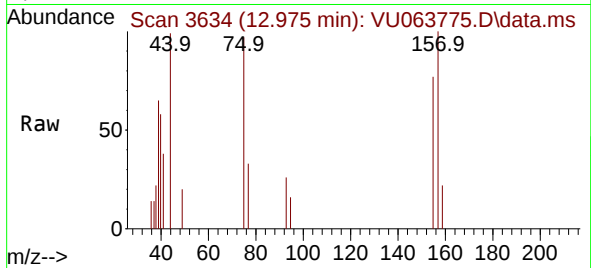




#68
1,2-Dibromo-3-chloropropane
Concen: 1.547 ug/L
RT: 12.975 min Scan# 30
Delta R.T. 0.006 min
Lab File: VU063775.D
Acq: 24 Nov 2025 13:38

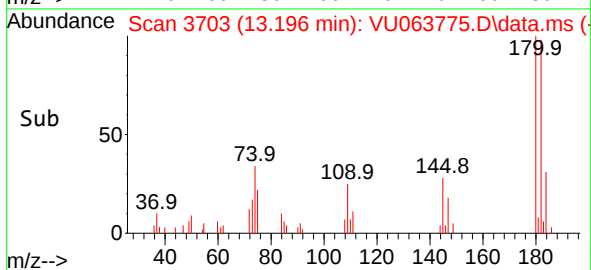
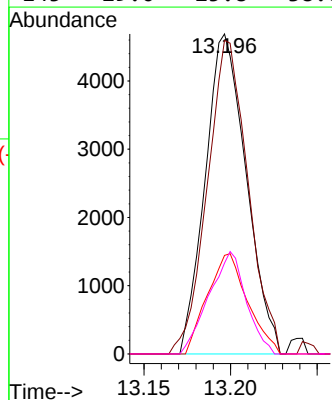
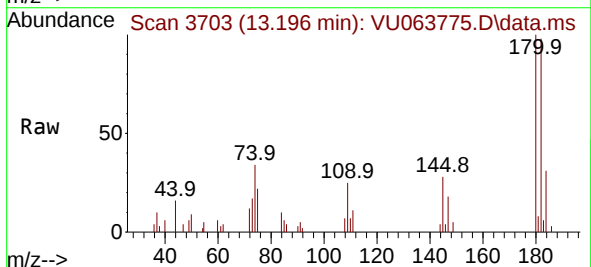
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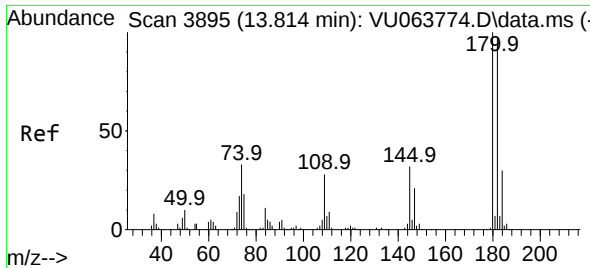
Tgt Ion: 75 Resp: 1218
Ion Ratio Lower Upper
75 100
155 79.2 64.6 97.0
157 103.3 78.8 118.2



#69
1,3,5-Trichlorobenzene
Concen: 2.307 ug/L
RT: 13.196 min Scan# 3703
Delta R.T. 0.006 min
Lab File: VU063775.D
Acq: 24 Nov 2025 13:38

Tgt Ion:180 Resp: 7705
Ion Ratio Lower Upper
180 100
182 96.9 76.4 114.6
184 30.8 24.4 36.6
145 29.0 25.8 38.6

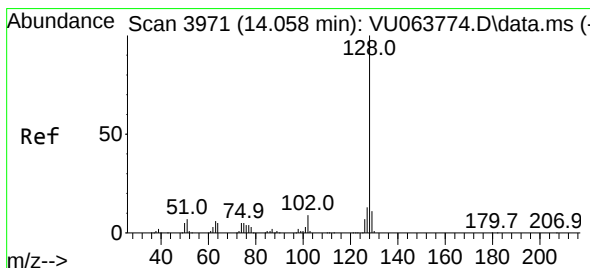
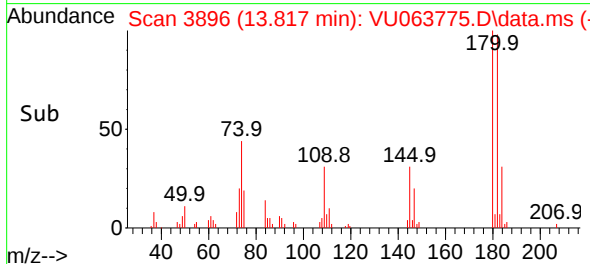
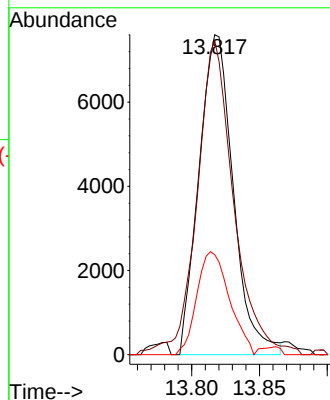
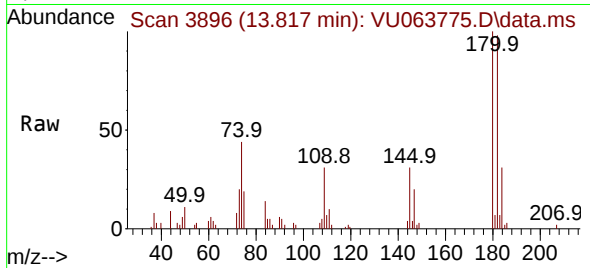




#70
1,2,4-trichlorobenzene
Concen: 4.809 ug/L
RT: 13.817 min Scan# 3896
Delta R.T. 0.003 min
Lab File: VU063775.D
Acq: 24 Nov 2025 13:38

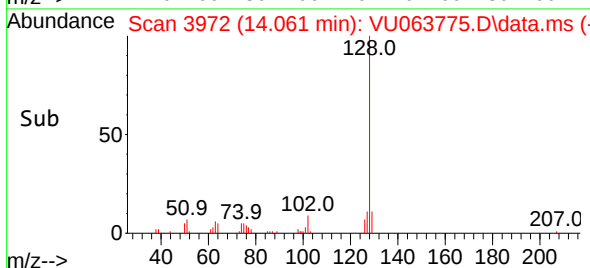
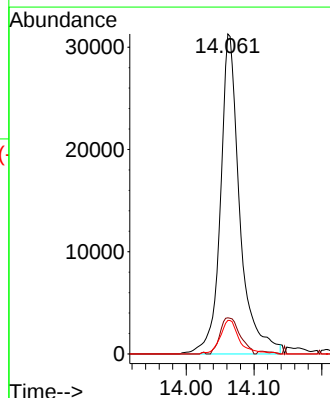
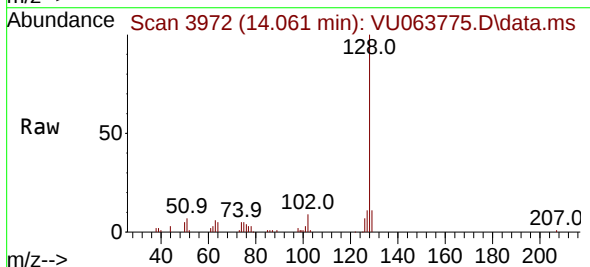
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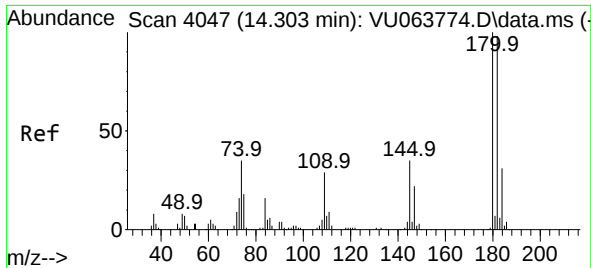
Tgt Ion:180 Resp: 13394
Ion Ratio Lower Upper
180 100
182 104.3 75.8 113.8
145 30.6 25.7 38.5



#71
Naphthalene
Concen: 8.343 ug/L
RT: 14.061 min Scan# 3972
Delta R.T. 0.003 min
Lab File: VU063775.D
Acq: 24 Nov 2025 13:38

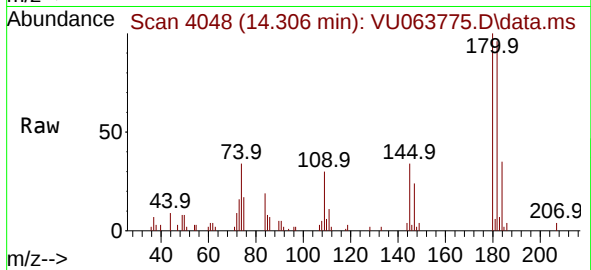
Tgt Ion:128 Resp: 61846
Ion Ratio Lower Upper
128 100
127 11.6 10.3 15.5
129 10.4 8.7 13.1





#72
 1,2,3-Trichlorobenzene
 Concen: 5.314 ug/L
 RT: 14.306 min Scan# 4048
 Delta R.T. 0.003 min
 Lab File: VU063775.D
 Acq: 24 Nov 2025 13:38

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
180	100		
182	102.3	76.9	115.3
145	33.4	26.6	39.8

