

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100825\
 Data File : VN088040.D
 Acq On : 08 Oct 2025 14:59
 Operator : JC\MD
 Sample : Q3015-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WP0925-PT-VOA-WP

Quant Time: Oct 09 02:55:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100825W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 09 02:36:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.800	128	68659	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.083	114	386762	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	340426	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	161769	30.258	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 100.867%	
60) 4-Bromofluorobenzene	12.829	95	167622	29.868	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 99.567%	
63) Toluene-d8	10.547	98	461616	30.435	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.433%	
Target Compounds						Qvalue
3) Chloromethane	2.383	50	5494	1.232	ug/l	94
4) Vinyl Chloride	2.536	62	277071	59.599	ug/l	98
5) Bromomethane	2.983	94	114675	45.873	ug/l	96
10) 1,1-Dichloroethene	4.336	96	298735	82.752	ug/l	97
11) Methyl Iodide	4.583	142	17950	5.395	ug/l	86
13) Acrolein	4.165	56	519	0.571	ug/l #	1
15) Acetone	4.424	58	119571	144.162	ug/l	88
18) Methylene Chloride	5.259	84	314819	68.614	ug/l	99
19) trans-1,2-Dichloroethene	5.771	96	334885	80.235	ug/l	87
22) cis-1,2-Dichloroethene	7.471	96	577251	110.483	ug/l	90
23) tert-Butyl Alcohol	5.536	59	285	0.251	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	1342940	86.184	ug/l	99
25) Chloroform	7.947	83	739800	88.798	ug/l	99
30) 2-Butanone	7.471	43	559517	136.843	ug/l	99
33) Carbon Tetrachloride	7.953	117	8442	1.455	ug/l	94
34) Benzene	8.588	78	1914323	104.104	ug/l	98
36) 1,2-Dichloroethane	8.653	62	200998	31.486	ug/l	99
37) Trichloroethene	9.335	130	371032	85.165	ug/l	99
39) 1,2-Dichloropropane	9.330	63	1382	0.300	ug/l #	1
40) Dibromomethane	9.688	93	389065	115.922	ug/l	96
41) Bromodichloromethane	9.871	83	111380	16.249	ug/l	99
45) 1,4-Dioxane	9.688	88	2103	24.631	ug/l #	25
48) t-1,3-Dichloropropene	10.818	75	432862	56.789	ug/l	100
49) cis-1,3-Dichloropropene	10.294	75	733310	92.230	ug/l	95
50) 1,1,2-Trichloroethane	10.994	97	428879	96.494	ug/l	98
52) 1,3-Dichloropropane	10.818	76	15487	1.997	ug/l	98
53) Dibromochloromethane	11.335	129	336004	63.235	ug/l	98
54) 1,2-Dibromoethane	11.447	107	143680	30.237	ug/l	100
56) Bromoform	12.559	173	58231	16.210	ug/l	98
59) 2-Hexanone	11.177	43	483353	96.144	ug/l	97
61) Tetrachloroethene	11.082	164	249227	72.295	ug/l	96
62) Toluene	10.612	91	665604	34.469	ug/l	99
64) Chlorobenzene	11.871	112	279658	22.674	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.941	131	223439	52.567	ug/l	97
66) Ethyl Benzene	11.941	91	1015644	48.370	ug/l	97
67) m/p-Xylenes	12.047	106	881363	108.883	ug/l	97
68) o-Xylene	12.376	106	1148810	142.566	ug/l	97
69) Styrene	12.376	104	55322	4.150	ug/l #	1
71) 1,1,2,2-Tetrachloroethane	12.918	83	448788	67.026	ug/l	100

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QLast Update : Thu Oct 09 02:36:32 2025
Response via : Initial Calibration

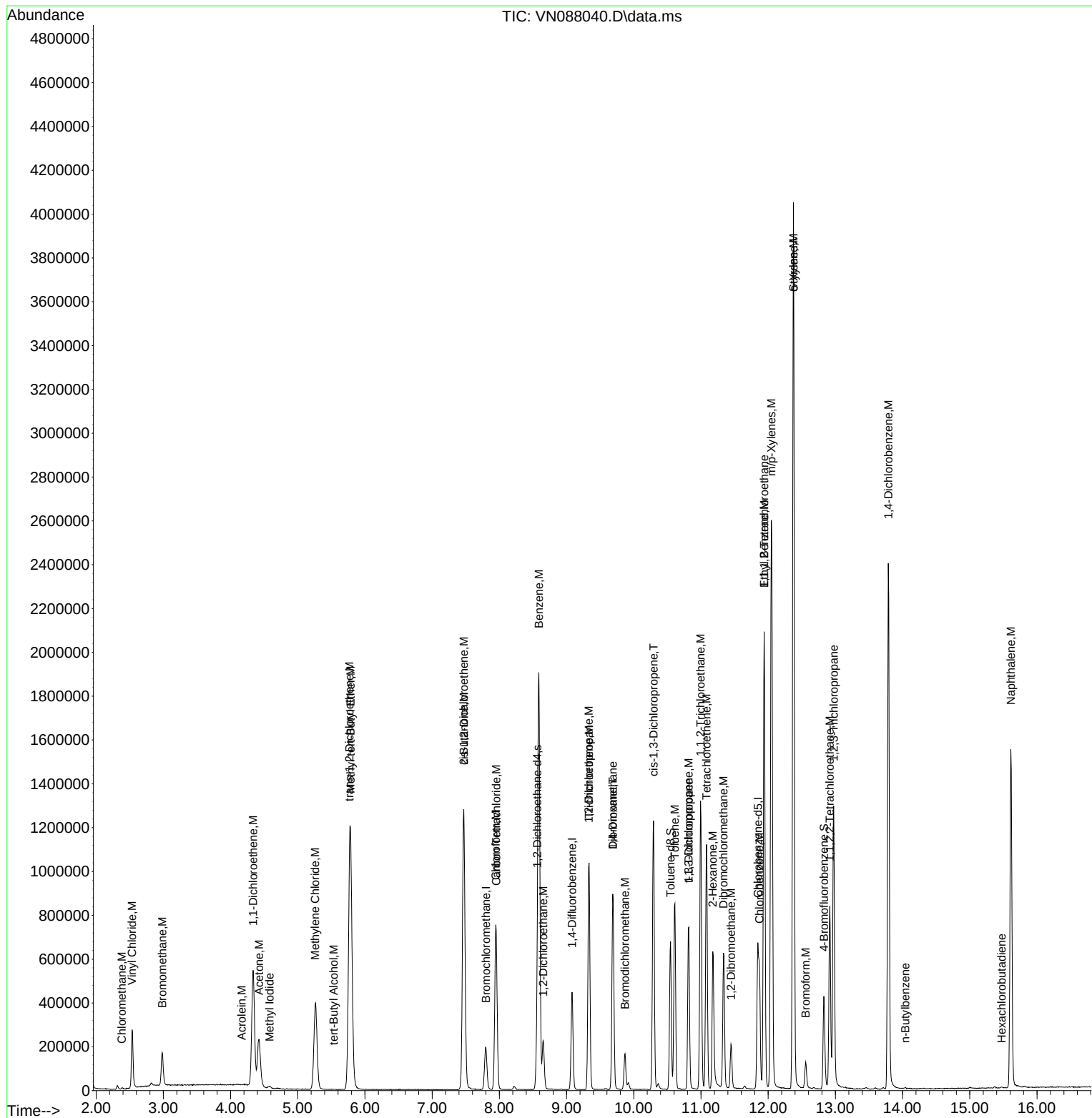
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
72) 1,2,3-Trichloropropane	12.976	75	587649	94.500	ug/l	1
84) 1,4-Dichlorobenzene	13.788	146	1040267	111.061	ug/l	100
85) n-Butylbenzene	14.041	91	3586	0.221	ug/l #	39
90) Hexachlorobutadiene	15.476	225	526	0.284	ug/l	84
91) Naphthalene	15.611	128	1468238	75.368	ug/l	100

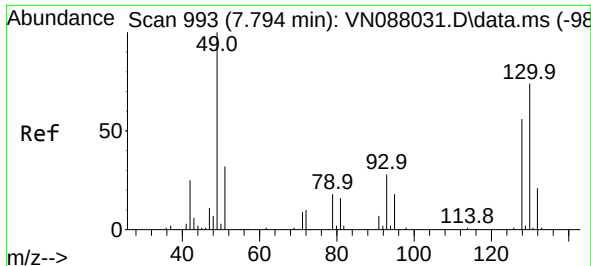
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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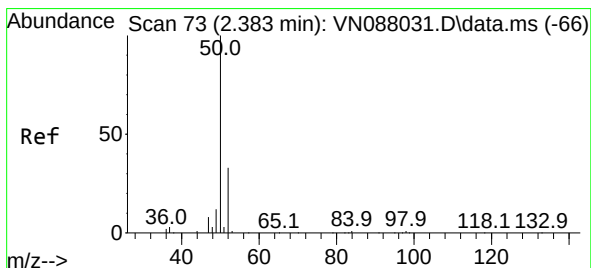
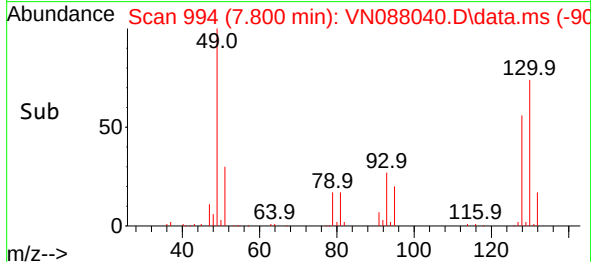
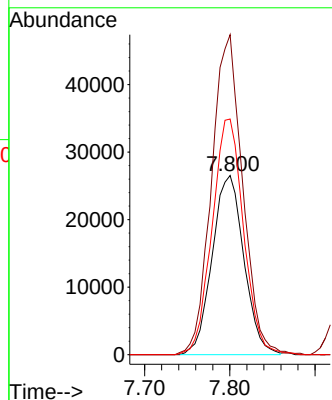
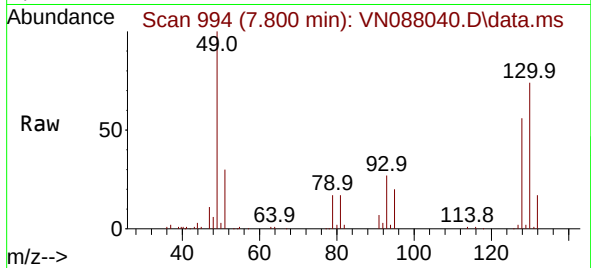




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 993
Delta R.T. 0.006 min
Lab File: VN088040.D
Acq: 08 Oct 2025 14:59

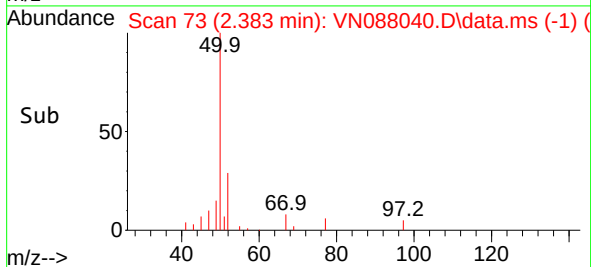
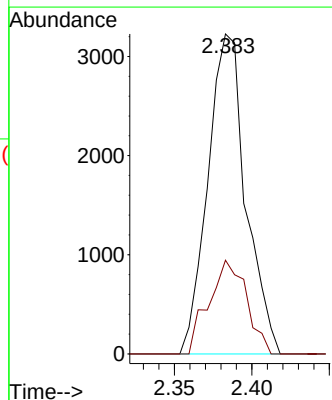
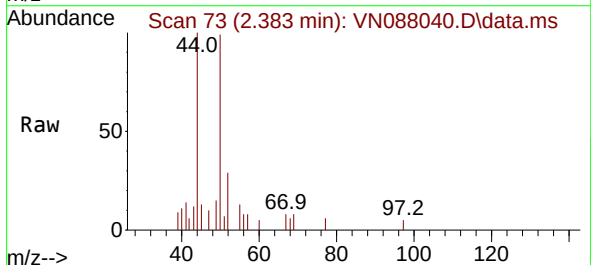
Instrument :
MSVOA_N
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WP0925-PT-VOA-WP

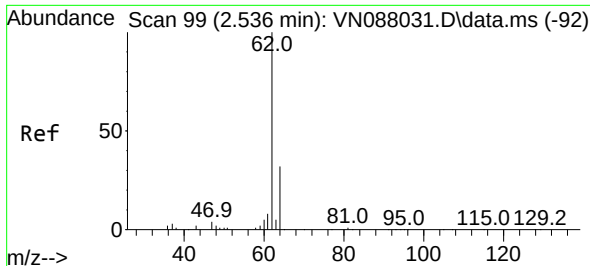
Tgt Ion:128 Resp: 68659
Ion Ratio Lower Upper
128 100
49 175.0 0.0 439.8
130 130.4 0.0 325.8



#3
Chloromethane
Concen: 1.232 ug/l
RT: 2.383 min Scan# 73
Delta R.T. 0.000 min
Lab File: VN088040.D
Acq: 08 Oct 2025 14:59

Tgt Ion: 50 Resp: 5494
Ion Ratio Lower Upper
50 100
52 29.3 26.3 39.5

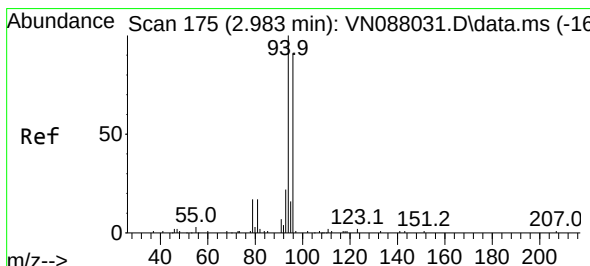
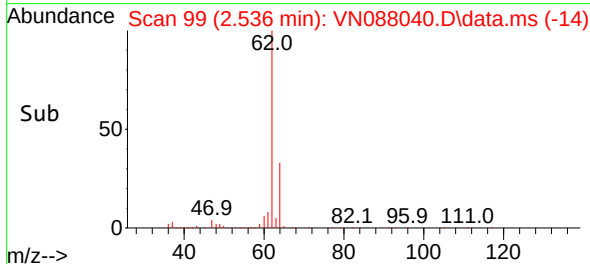
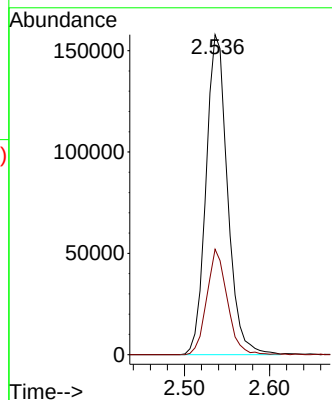
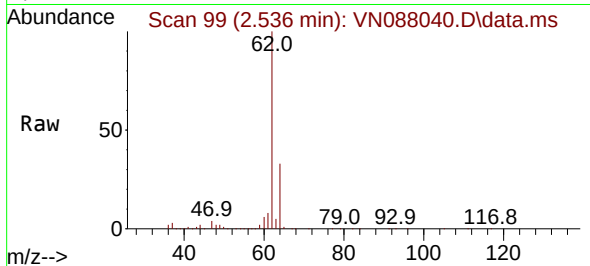




#4
 Vinyl Chloride
 Concen: 59.599 ug/l
 RT: 2.536 min Scan# 99
 Delta R.T. 0.000 min
 Lab File: VN088040.D
 Acq: 08 Oct 2025 14:59

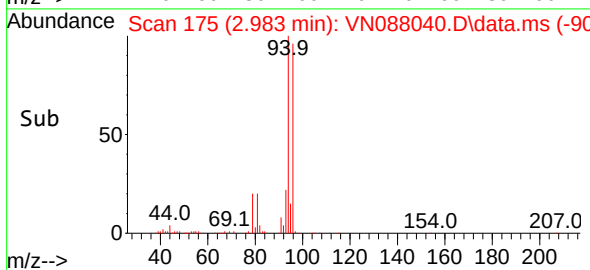
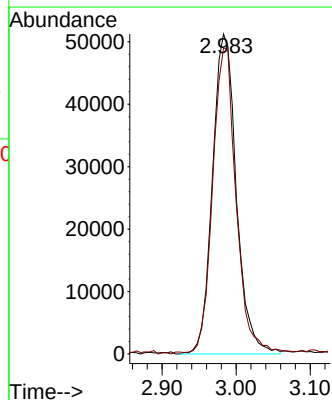
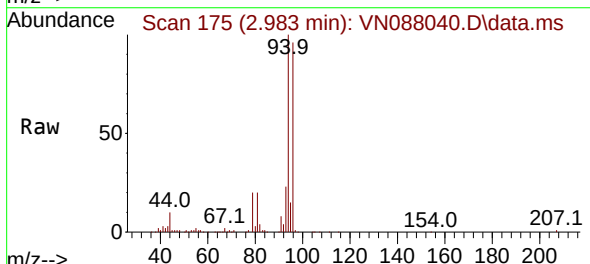
Instrument :
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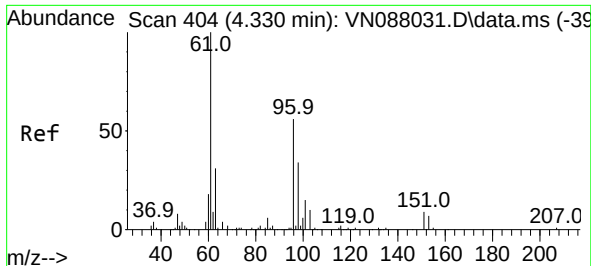
Tgt Ion: 62 Resp: 277071
 Ion Ratio Lower Upper
 62 100
 64 33.0 25.7 38.5



#5
 Bromomethane
 Concen: 45.873 ug/l
 RT: 2.983 min Scan# 175
 Delta R.T. 0.000 min
 Lab File: VN088040.D
 Acq: 08 Oct 2025 14:59

Tgt Ion: 94 Resp: 114675
 Ion Ratio Lower Upper
 94 100
 96 95.1 73.0 109.4

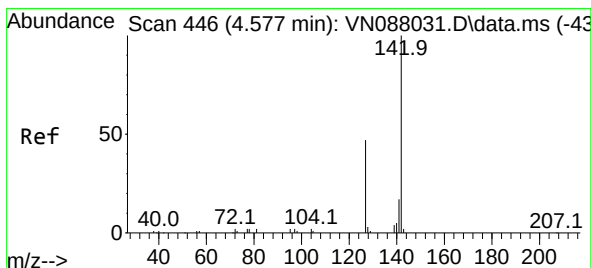
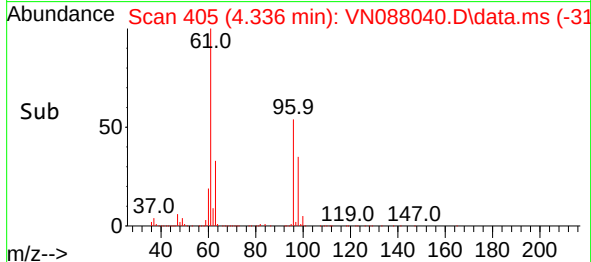
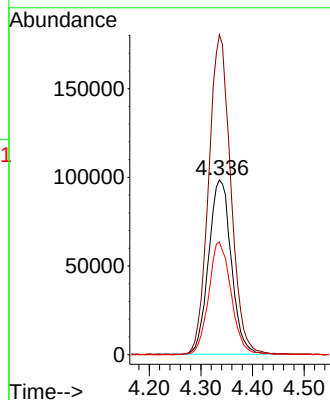
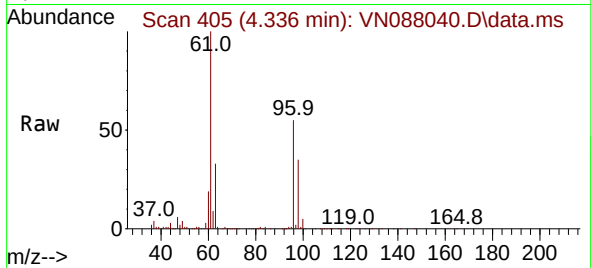




#10
1,1-Dichloroethene
Concen: 82.752 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.006 min
Lab File: VN088040.D
Acq: 08 Oct 2025 14:59

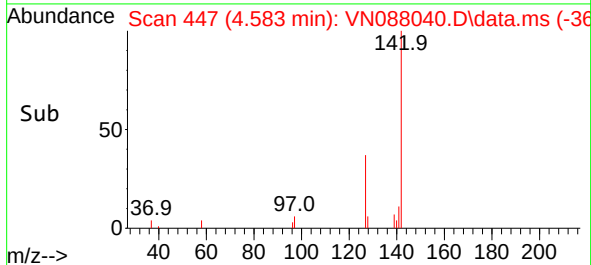
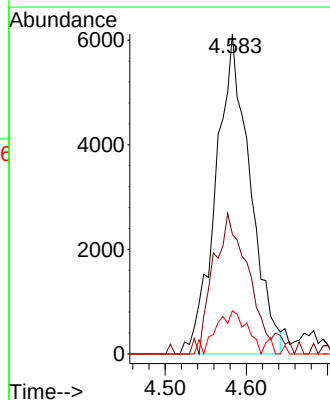
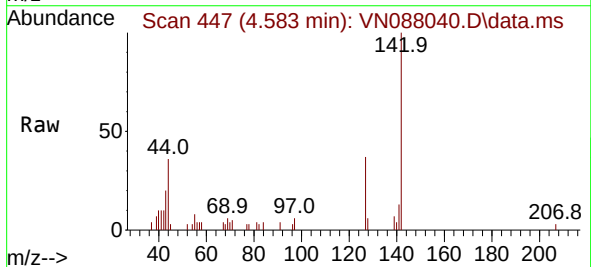
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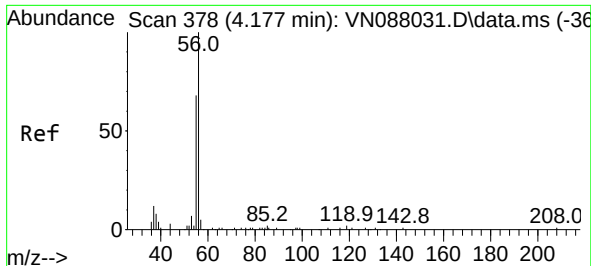
Tgt Ion: 96 Resp: 298735
Ion Ratio Lower Upper
96 100
61 183.4 144.1 216.1
98 64.7 49.0 73.6



#11
Methyl Iodide
Concen: 5.395 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN088040.D
Acq: 08 Oct 2025 14:59

Tgt Ion: 142 Resp: 17950
Ion Ratio Lower Upper
142 100
127 35.7 23.4 70.3
141 14.0 8.8 26.2

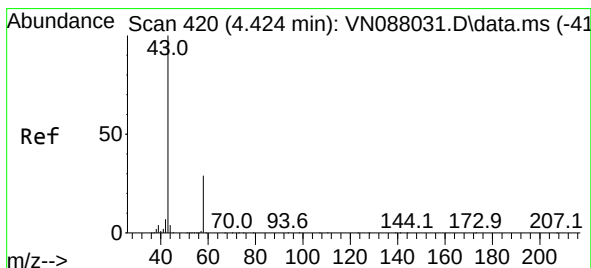
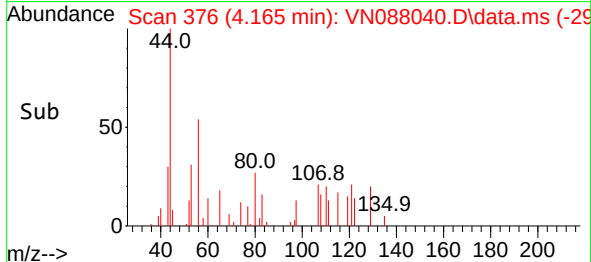
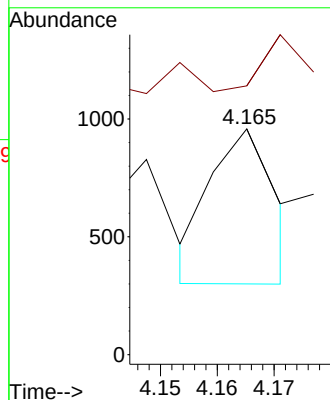
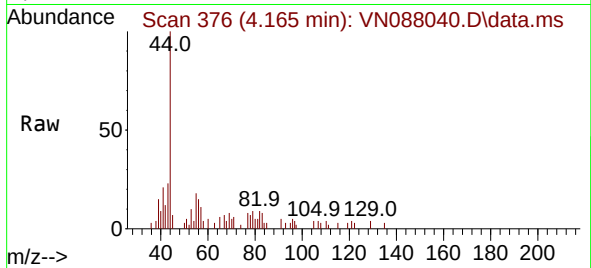




#13
Acrolein
Concen: 0.571 ug/l
RT: 4.165 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN088040.D
Acq: 08 Oct 2025 14:59

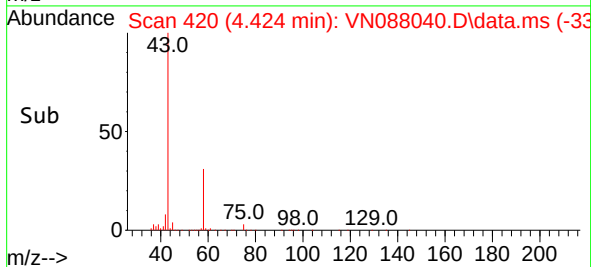
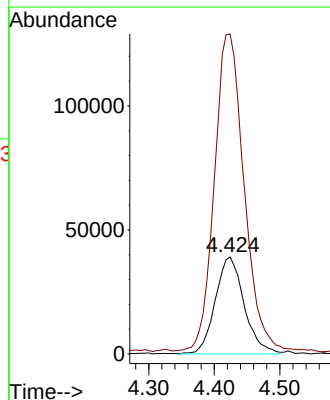
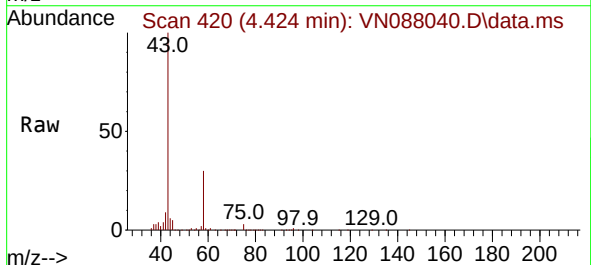
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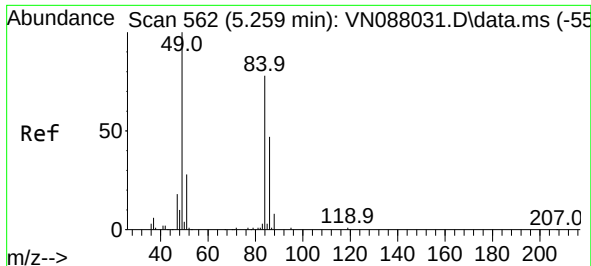
Tgt Ion: 56 Resp: 519
Ion Ratio Lower Upper
56 100
55 153.4 0.3 0.5#



#15
Acetone
Concen: 144.162 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN088040.D
Acq: 08 Oct 2025 14:59

Tgt Ion: 58 Resp: 119571
Ion Ratio Lower Upper
58 100
43 326.4 282.6 424.0



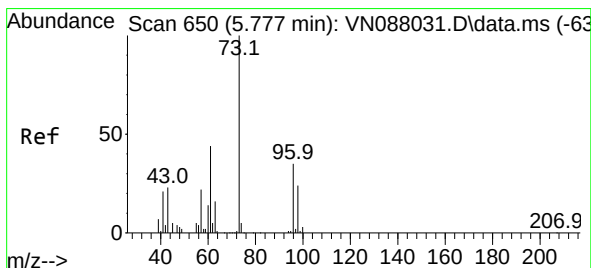
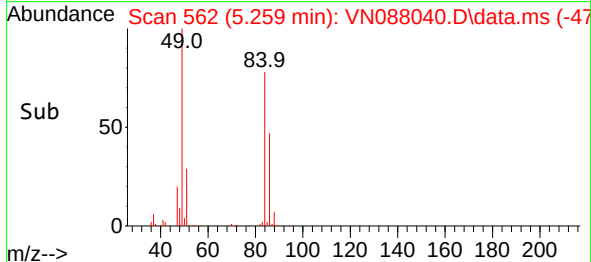
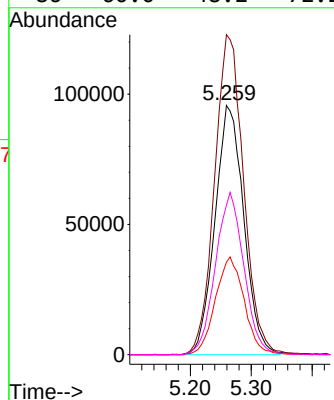
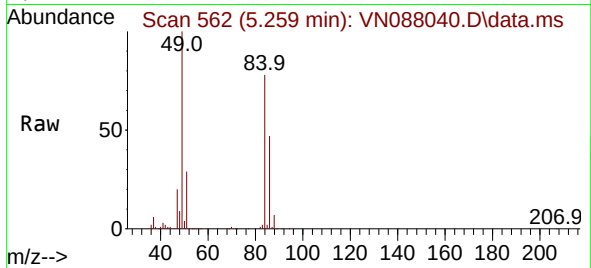


#18
Methylene Chloride
Concen: 68.614 ug/l
RT: 5.259 min Scan# 50
Delta R.T. 0.000 min
Lab File: VN088040.D
Acq: 08 Oct 2025 14:59

Instrument :
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ClientSampleId :
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Tgt Ion: 84 Resp: 314819

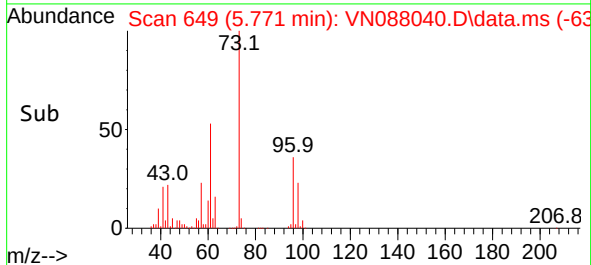
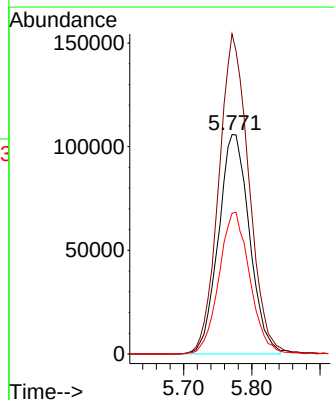
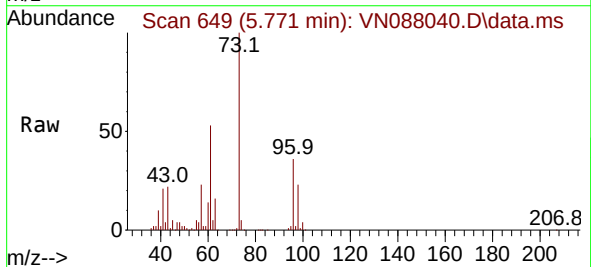
Ion	Ratio	Lower	Upper
84	100		
49	128.4	102.6	153.8
51	37.1	28.6	42.8
86	60.0	48.2	72.2

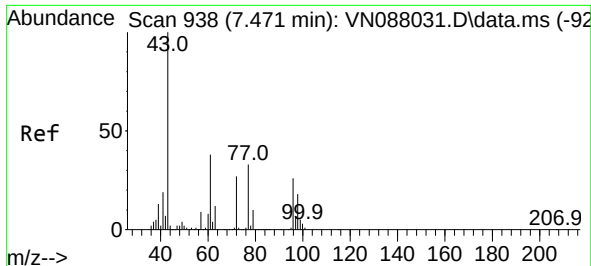


#19
trans-1,2-Dichloroethene
Concen: 80.235 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.006 min
Lab File: VN088040.D
Acq: 08 Oct 2025 14:59

Tgt Ion: 96 Resp: 334885

Ion	Ratio	Lower	Upper
96	100		
61	145.9	100.6	151.0
98	64.1	54.0	81.0

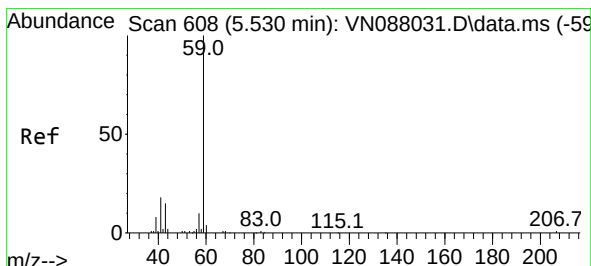
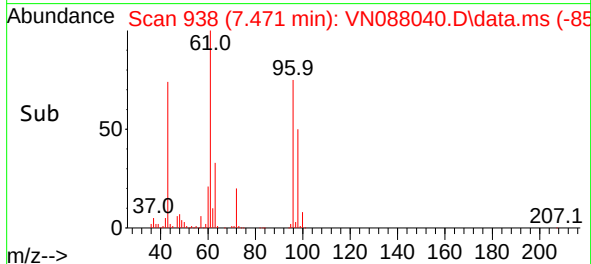
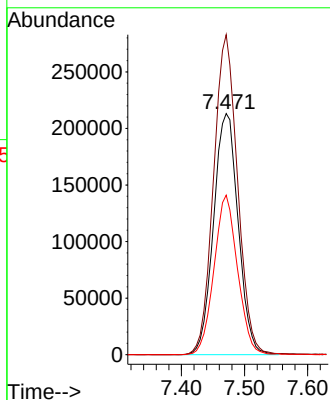
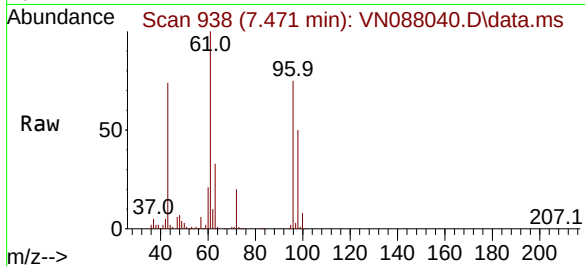




#22
 cis-1,2-Dichloroethene
 Concen: 110.483 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN088040.D
 Acq: 08 Oct 2025 14:59

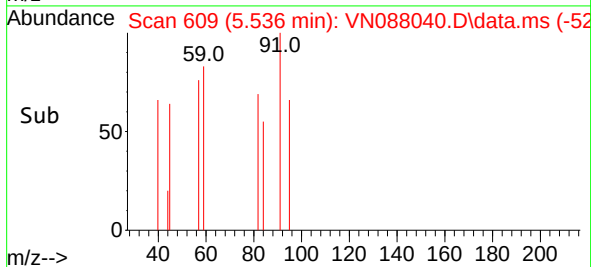
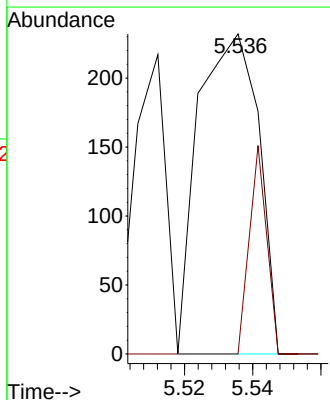
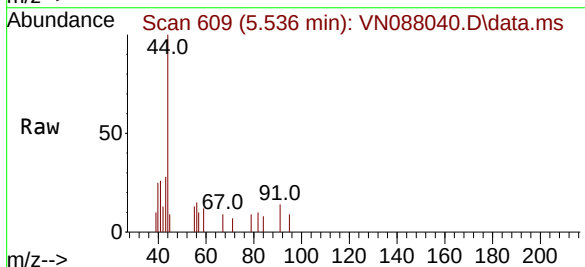
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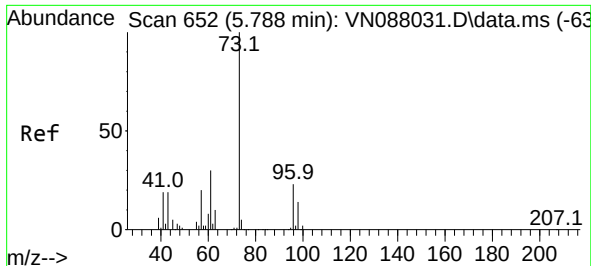
Tgt Ion: 96 Resp: 577251
 Ion Ratio Lower Upper
 96 100
 61 129.3 117.0 175.6
 98 63.1 52.6 79.0



#23
 tert-Butyl Alcohol
 Concen: 0.251 ug/l
 RT: 5.536 min Scan# 609
 Delta R.T. 0.006 min
 Lab File: VN088040.D
 Acq: 08 Oct 2025 14:59

Tgt Ion: 59 Resp: 285
 Ion Ratio Lower Upper
 59 100
 52 19.3 0.0 0.0#

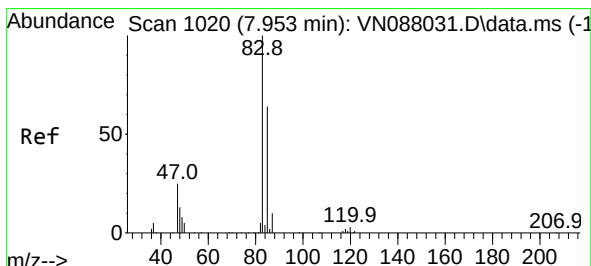
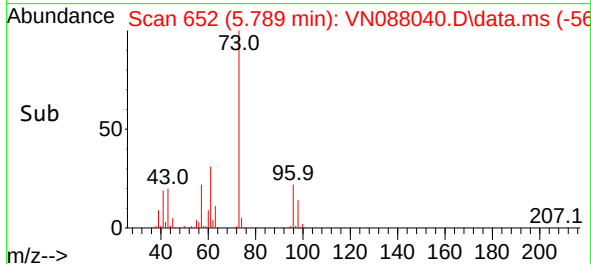
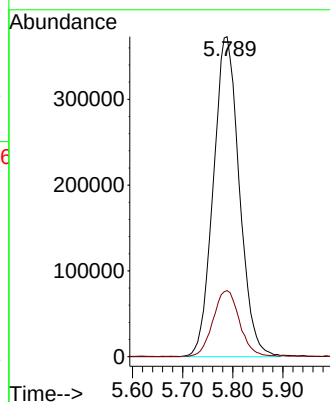
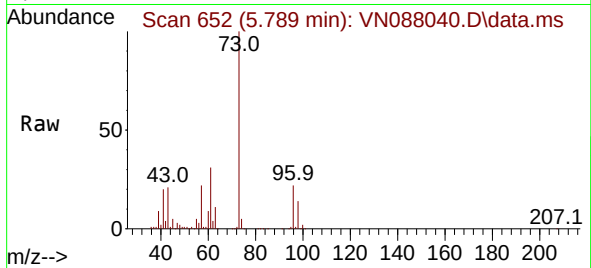




#24
Methyl tert-Butyl Ether
Concen: 86.184 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN088040.D
Acq: 08 Oct 2025 14:59

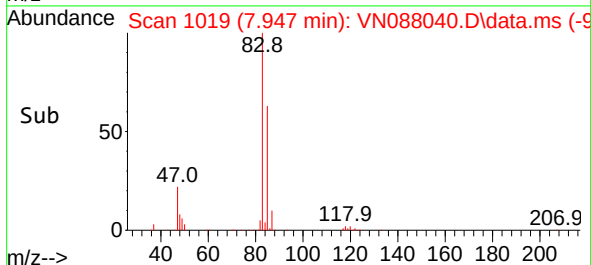
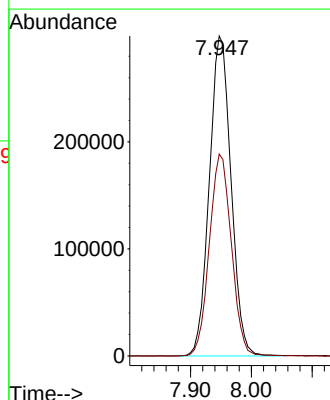
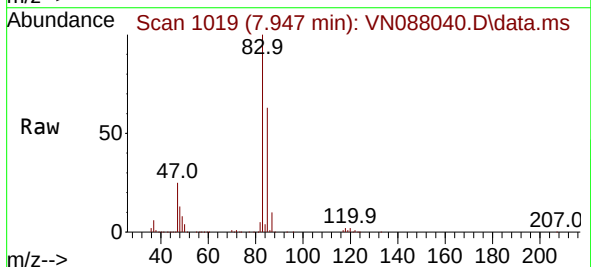
Instrument :
MSVOA_N
ClientSampleId :
WP0925-PT-VOA-WP

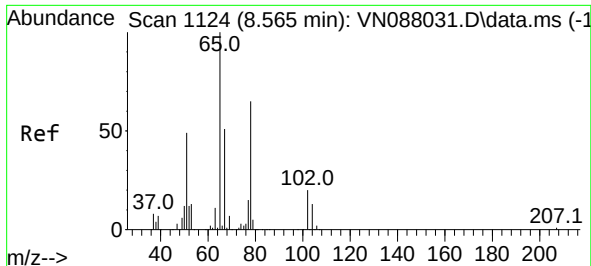
Tgt Ion: 73 Resp: 1342940
Ion Ratio Lower Upper
73 100
43 20.9 17.0 25.4



#25
Chloroform
Concen: 88.798 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VN088040.D
Acq: 08 Oct 2025 14:59

Tgt Ion: 83 Resp: 739800
Ion Ratio Lower Upper
83 100
85 63.0 50.9 76.3





#27

1,2-Dichloroethane-d4

Concen: 30.258 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. 0.000 min

Lab File: VN088040.D

Acq: 08 Oct 2025 14:59

Instrument :

MSVOA_N

ClientSampleId :

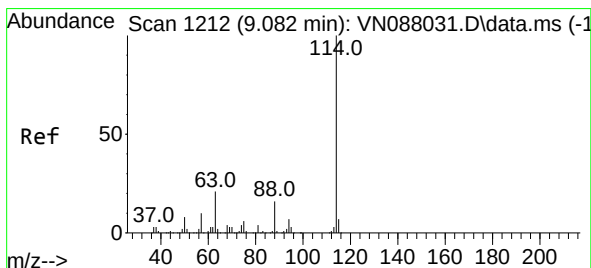
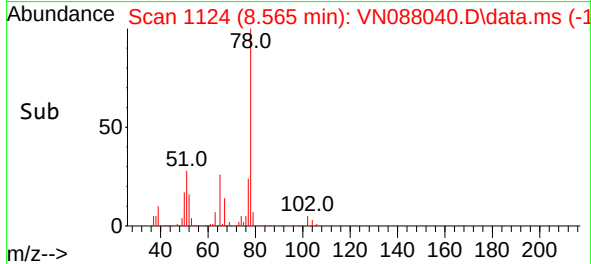
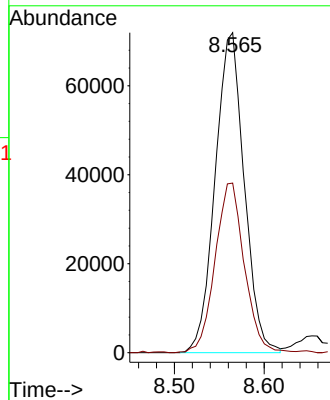
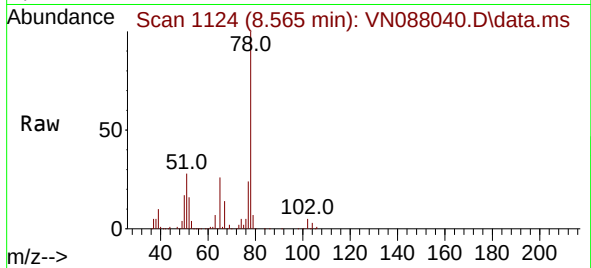
WP0925-PT-VOA-WP

Tgt Ion: 65 Resp: 161769

Ion Ratio Lower Upper

65 100

67 53.4 41.9 62.9



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN088040.D

Acq: 08 Oct 2025 14:59

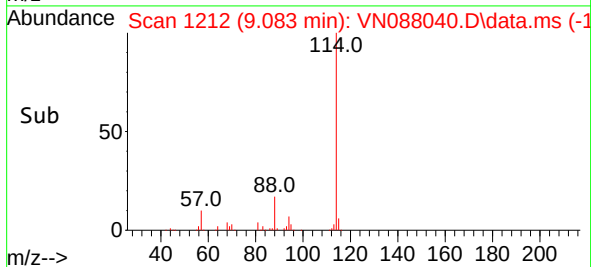
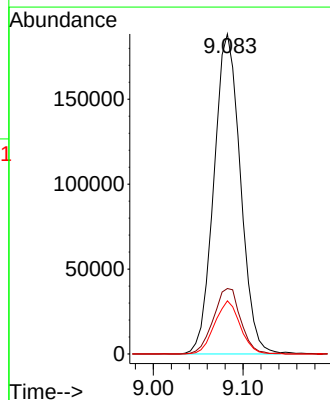
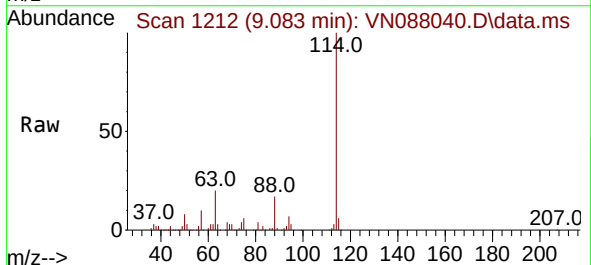
Tgt Ion: 114 Resp: 386762

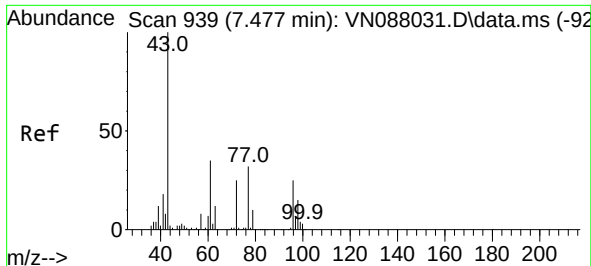
Ion Ratio Lower Upper

114 100

63 21.0 16.6 25.0

88 16.0 12.6 18.8

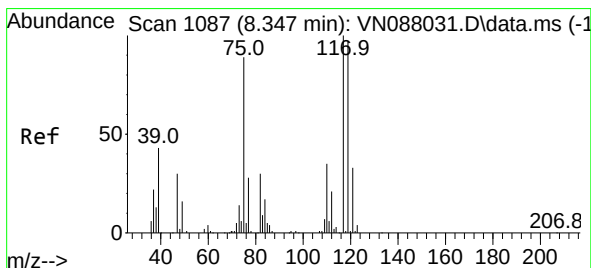
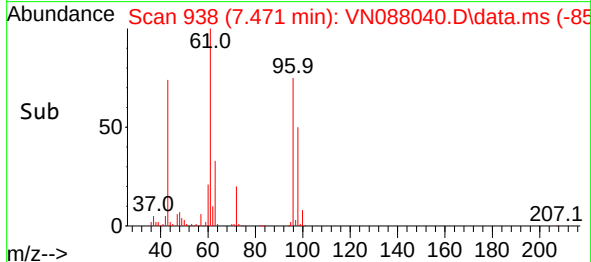
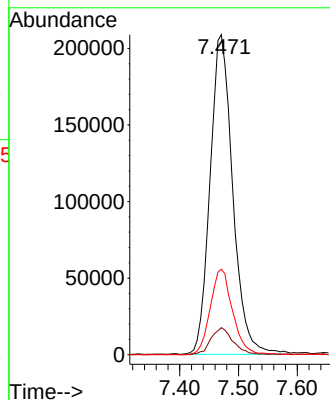
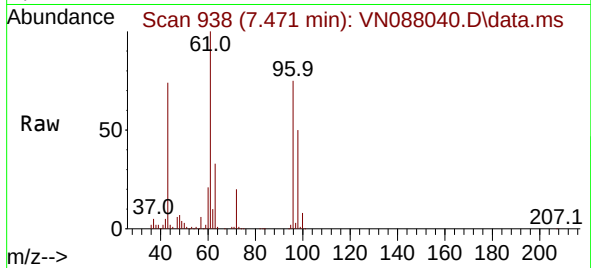




#30
2-Butanone
Concen: 136.843 ug/l
RT: 7.471 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN088040.D
Acq: 08 Oct 2025 14:59

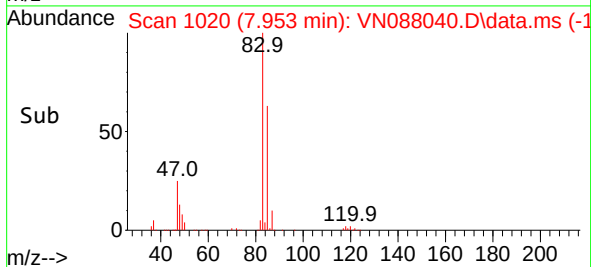
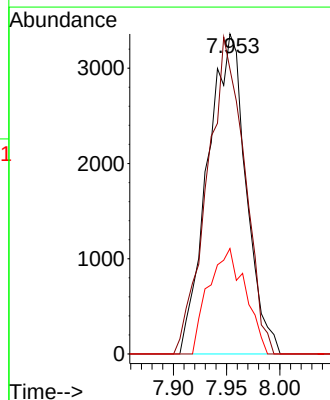
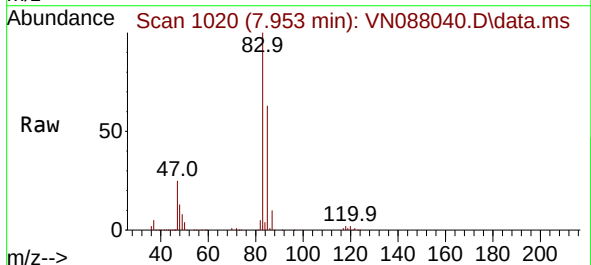
Instrument :
MSVOA_N
ClientSampleId :
WP0925-PT-VOA-WP

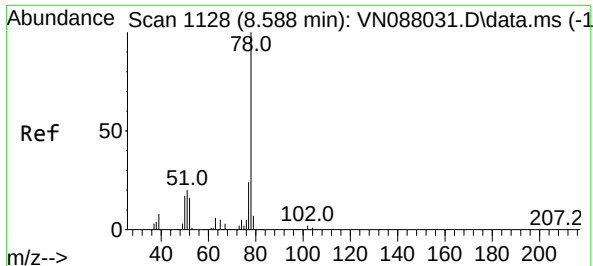
Tgt Ion: 43 Resp: 559517
Ion Ratio Lower Upper
43 100
57 8.3 6.5 9.7
72 26.4 21.4 32.2



#33
Carbon Tetrachloride
Concen: 1.455 ug/l
RT: 7.953 min Scan# 1020
Delta R.T. -0.394 min
Lab File: VN088040.D
Acq: 08 Oct 2025 14:59

Tgt Ion: 117 Resp: 8442
Ion Ratio Lower Upper
117 100
119 89.0 77.9 116.9
121 32.9 26.4 39.6



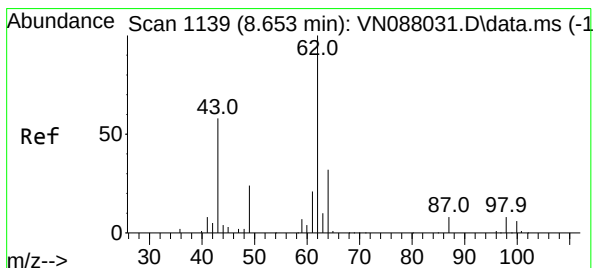
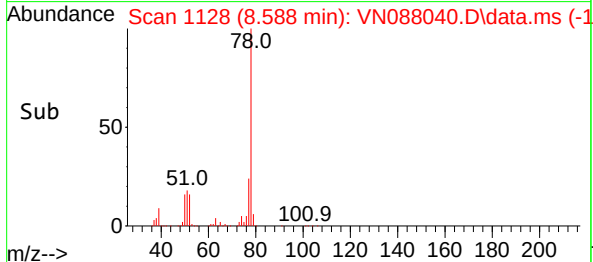
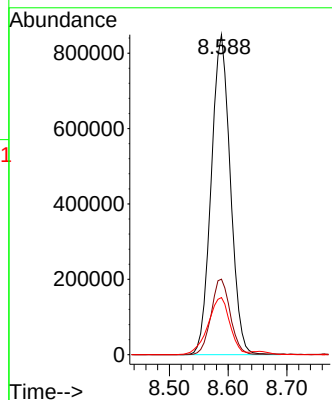
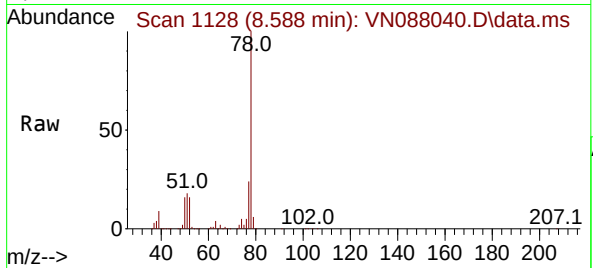


#34
Benzene
Concen: 104.104 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN088040.D
Acq: 08 Oct 2025 14:59

Instrument :
MSVOA_N
ClientSampleId :
WP0925-PT-VOA-WP

Tgt Ion: 78 Resp: 1914323

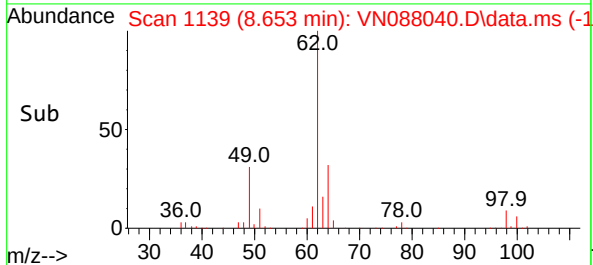
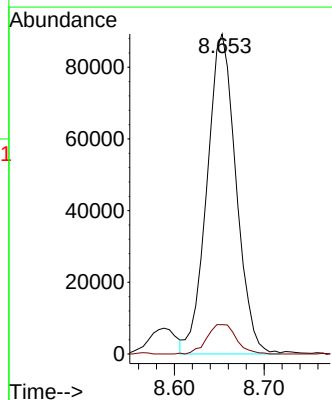
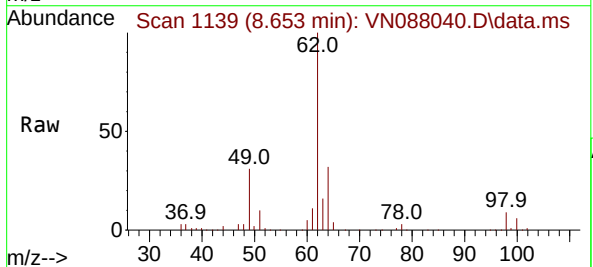
Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.9	28.3
51	17.8	15.6	23.4

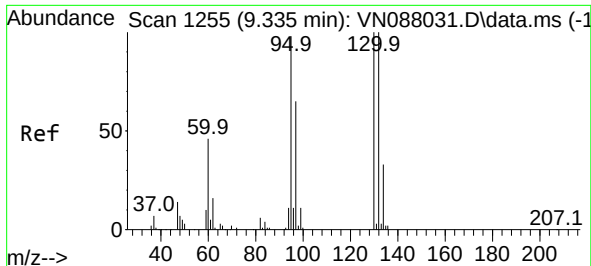


#36
1,2-Dichloroethane
Concen: 31.486 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN088040.D
Acq: 08 Oct 2025 14:59

Tgt Ion: 62 Resp: 200998

Ion	Ratio	Lower	Upper
62	100		
98	9.3	7.8	11.6





#37

Trichloroethene

Concen: 85.165 ug/l

RT: 9.335 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN088040.D

Acq: 08 Oct 2025 14:59

Instrument :

MSVOA_N

ClientSampleId :

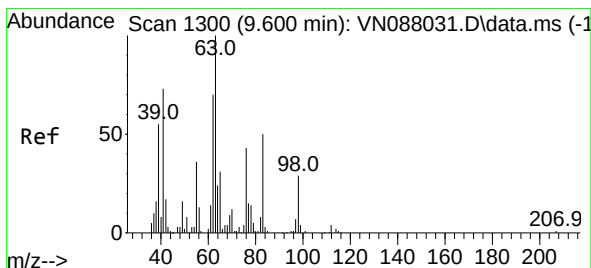
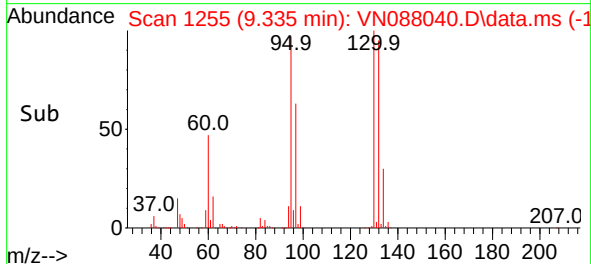
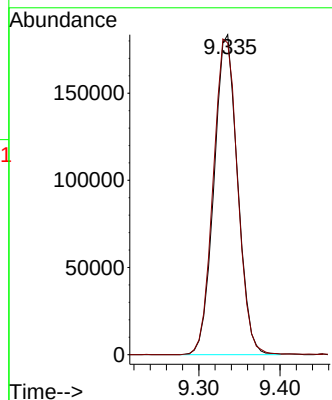
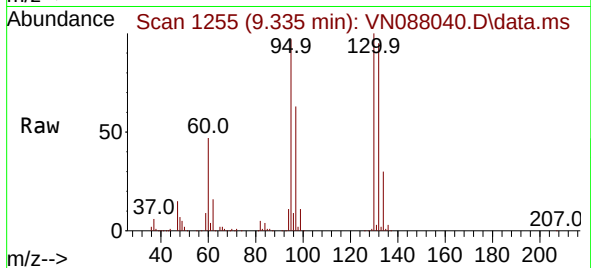
WP0925-PT-VOA-WP

Tgt Ion:130 Resp: 371032

Ion Ratio Lower Upper

130 100

95 97.4 78.7 118.1



#39

1,2-Dichloropropane

Concen: 0.300 ug/l

RT: 9.330 min Scan# 1254

Delta R.T. -0.270 min

Lab File: VN088040.D

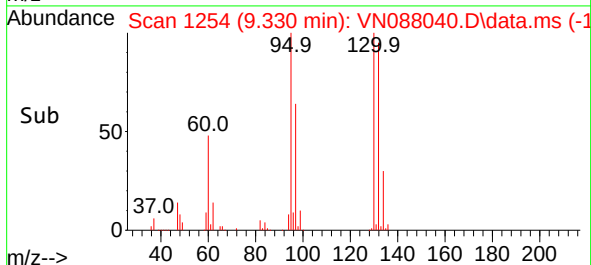
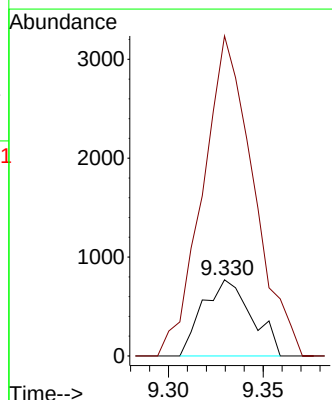
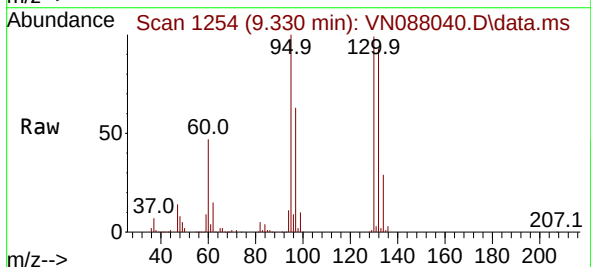
Acq: 08 Oct 2025 14:59

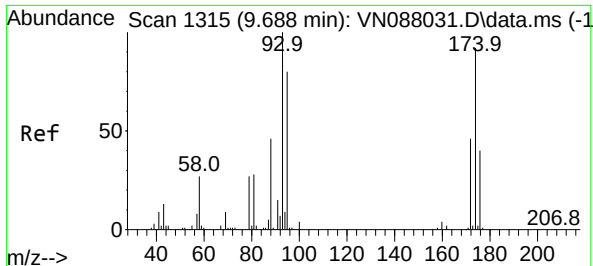
Tgt Ion: 63 Resp: 1382

Ion Ratio Lower Upper

63 100

65 375.1 25.0 37.6#

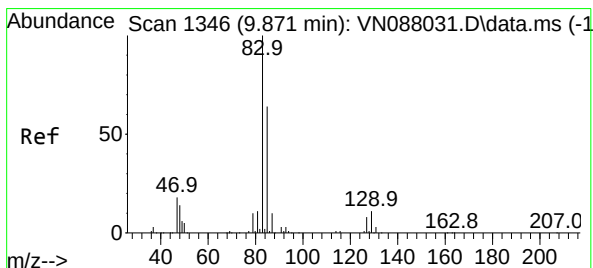
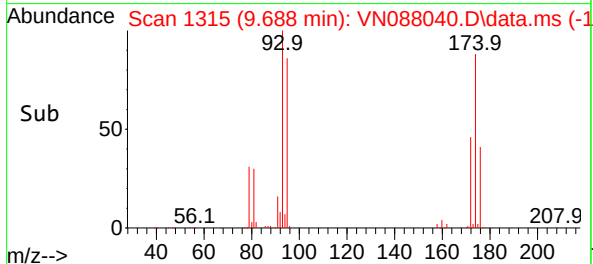
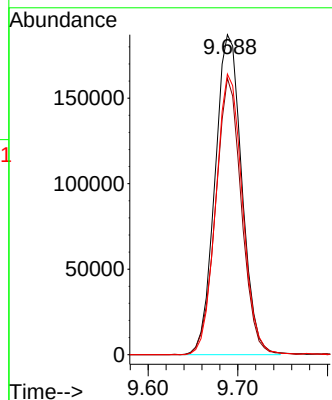
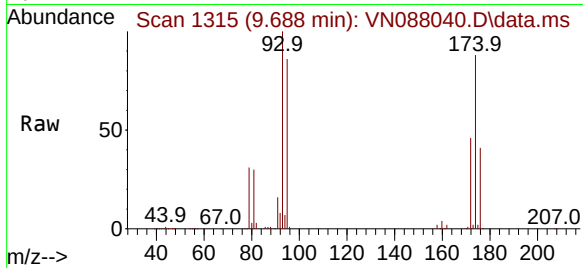




#40
Dibromomethane
Concen: 115.922 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN088040.D
Acq: 08 Oct 2025 14:59

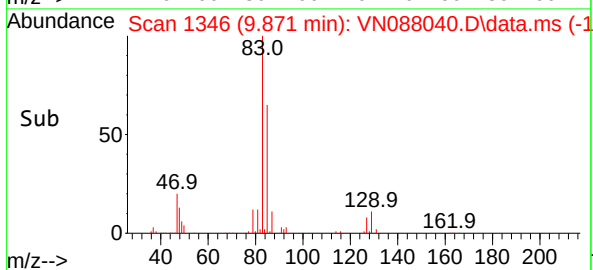
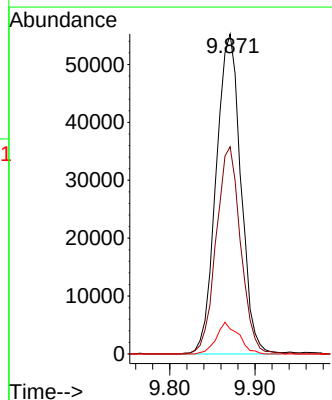
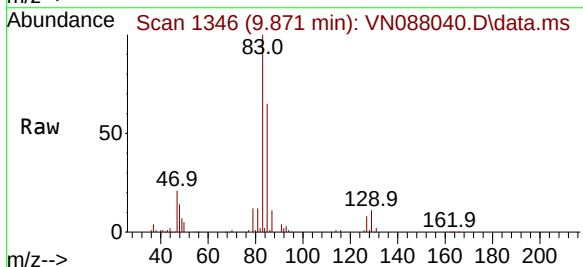
Instrument :
MSVOA_N
ClientSampleId :
WP0925-PT-VOA-WP

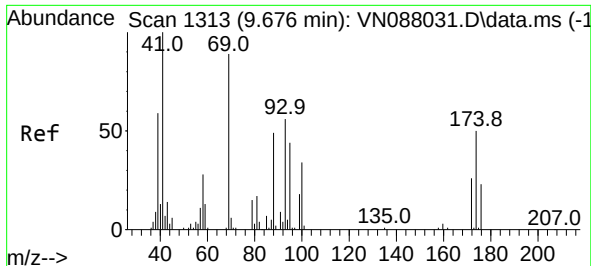
Tgt Ion: 93 Resp: 389065
Ion Ratio Lower Upper
93 100
95 83.2 0.0 158.6
174 86.9 0.0 180.8



#41
Bromodichloromethane
Concen: 16.249 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. 0.000 min
Lab File: VN088040.D
Acq: 08 Oct 2025 14:59

Tgt Ion: 83 Resp: 111380
Ion Ratio Lower Upper
83 100
85 64.7 51.0 76.4
127 7.8 6.1 9.1

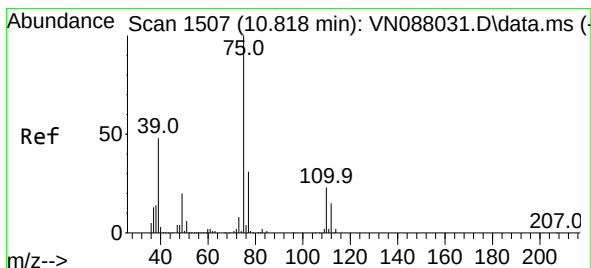
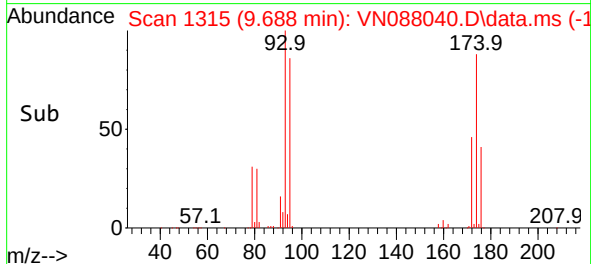
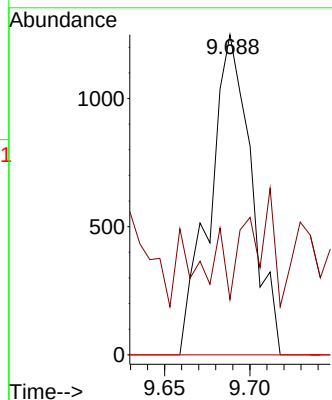
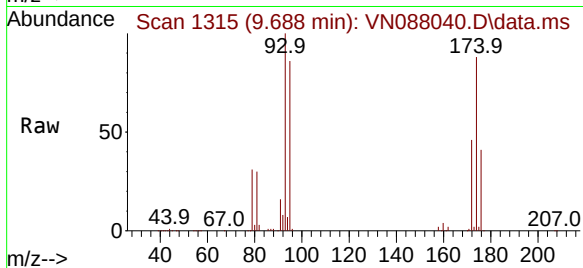




#45
1,4-Dioxane
Concen: 24.631 ug/l
RT: 9.688 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN088040.D
Acq: 08 Oct 2025 14:59

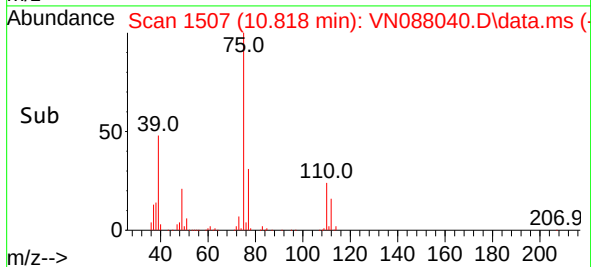
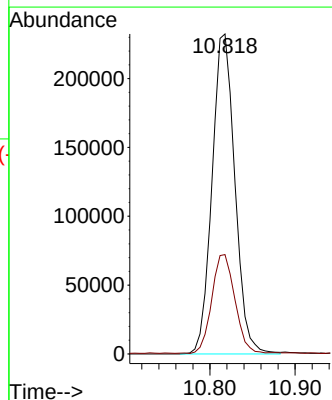
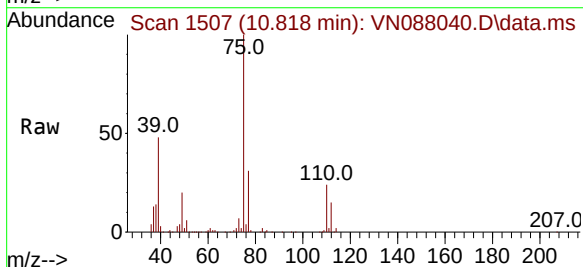
Instrument :
MSVOA_N
ClientSampleId :
WP0925-PT-VOA-WP

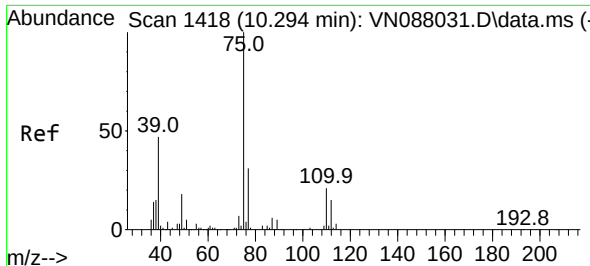
Tgt Ion: 88 Resp: 2103
Ion Ratio Lower Upper
88 100
43 4.7 18.6 27.8#
58 0.0 57.4 86.2#



#48
t-1,3-Dichloropropene
Concen: 56.789 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VN088040.D
Acq: 08 Oct 2025 14:59

Tgt Ion: 75 Resp: 432862
Ion Ratio Lower Upper
75 100
77 30.8 24.5 36.7

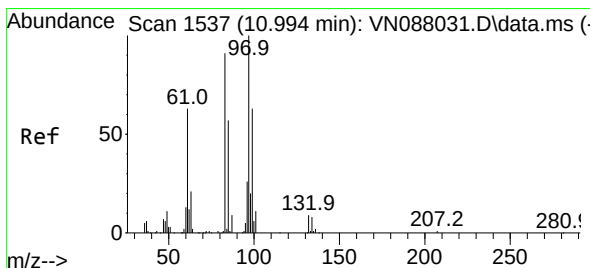
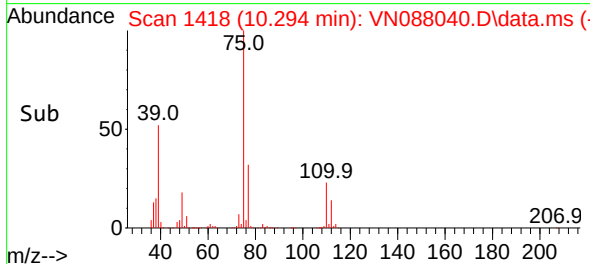
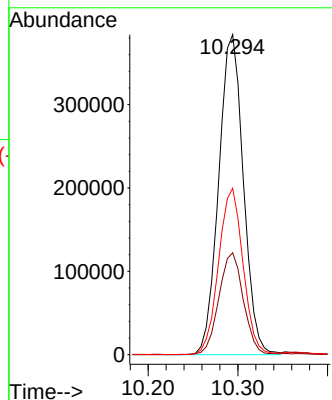
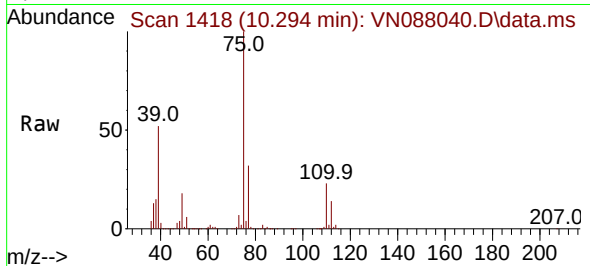




#49
 cis-1,3-Dichloropropene
 Concen: 92.230 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VN088040.D
 Acq: 08 Oct 2025 14:59

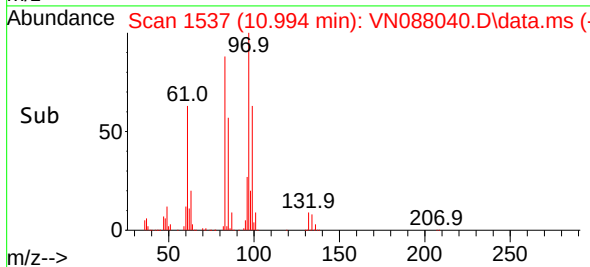
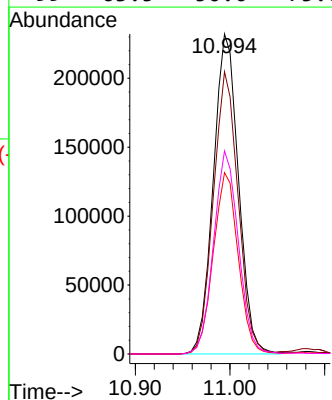
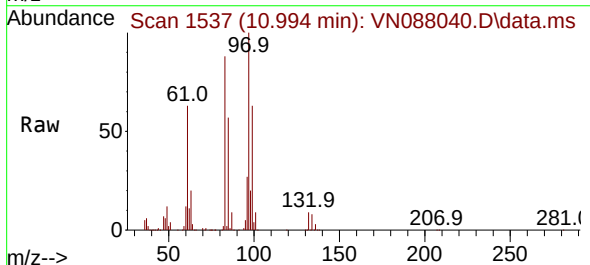
Instrument :
 MSVOA_N
 ClientSampleId :
 WP0925-PT-VOA-WP

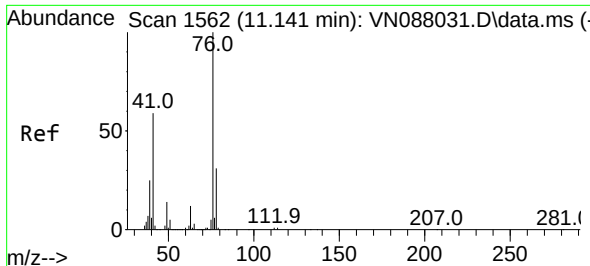
Tgt Ion: 75 Resp: 733310
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.0 37.4
 39 52.0 37.4 56.0



#50
 1,1,2-Trichloroethane
 Concen: 96.494 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. 0.000 min
 Lab File: VN088040.D
 Acq: 08 Oct 2025 14:59

Tgt Ion: 97 Resp: 428879
 Ion Ratio Lower Upper
 97 100
 83 88.2 72.5 108.7
 85 56.6 45.5 68.3
 99 63.5 50.0 75.0

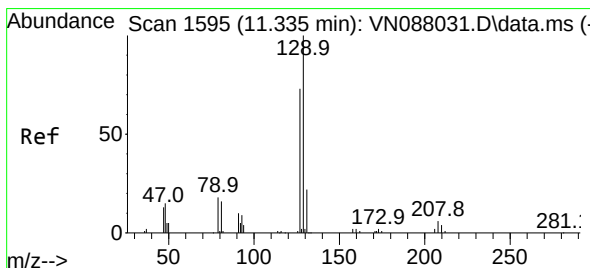
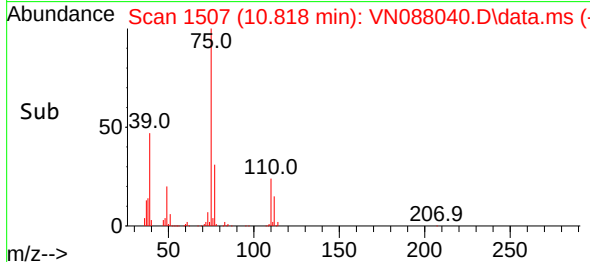
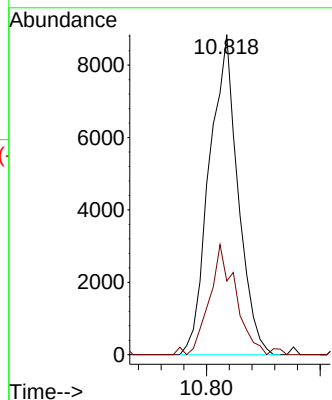
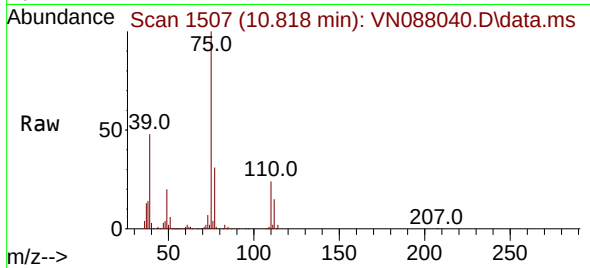




#52
1,3-Dichloropropane
Concen: 1.997 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.323 min
Lab File: VN088040.D
Acq: 08 Oct 2025 14:59

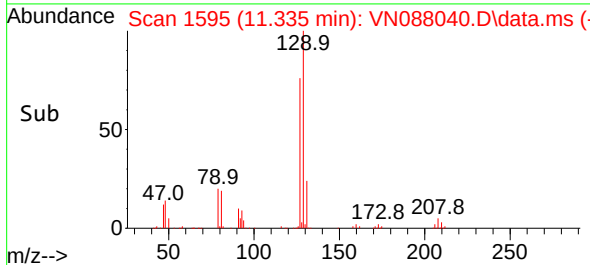
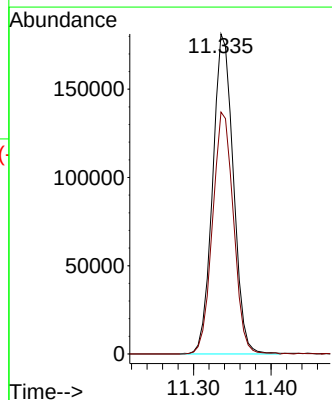
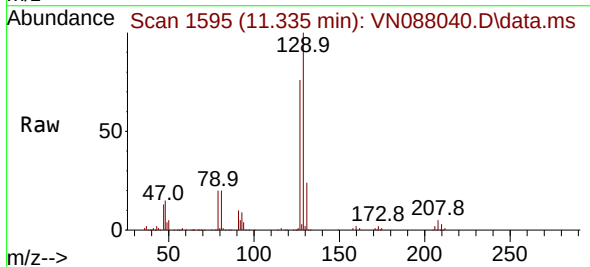
Instrument :
MSVOA_N
ClientSampleId :
WP0925-PT-VOA-WP

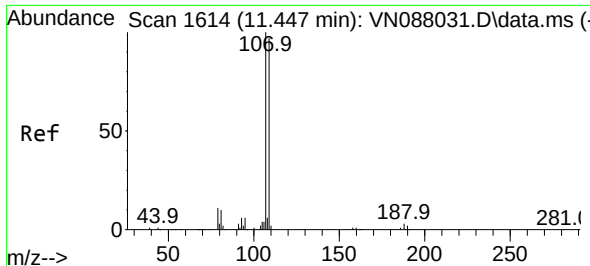
Tgt Ion: 76 Resp: 15487
Ion Ratio Lower Upper
76 100
78 31.3 0.0 65.0



#53
Dibromochloromethane
Concen: 63.235 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN088040.D
Acq: 08 Oct 2025 14:59

Tgt Ion: 129 Resp: 336004
Ion Ratio Lower Upper
129 100
127 76.4 39.1 117.3

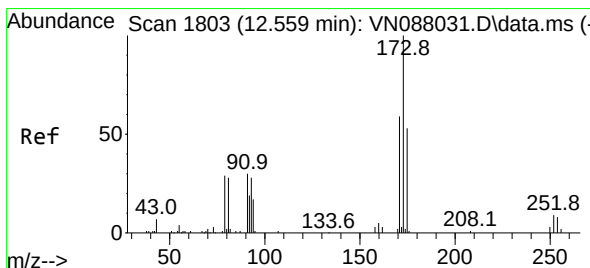
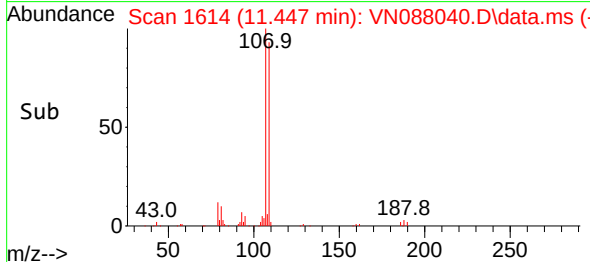
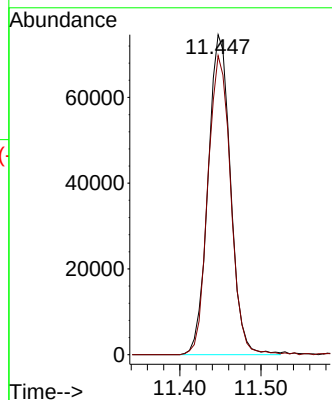
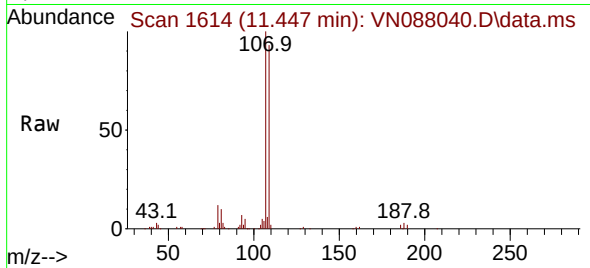




#54
1,2-Dibromoethane
Concen: 30.237 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN088040.D
Acq: 08 Oct 2025 14:59

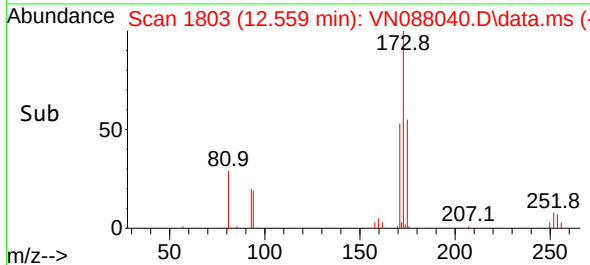
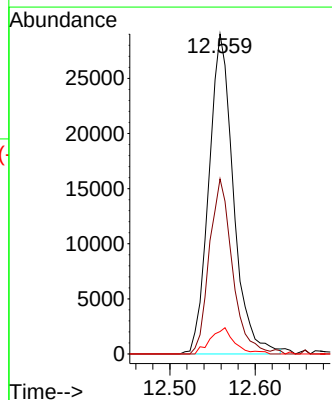
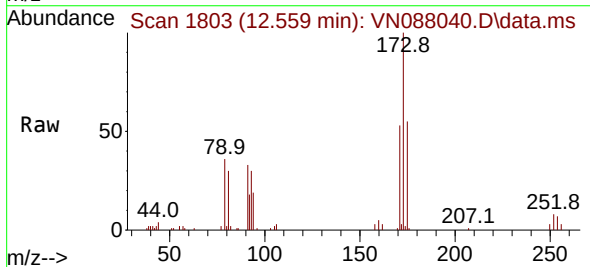
Instrument :
MSVOA_N
ClientSampleId :
WP0925-PT-VOA-WP

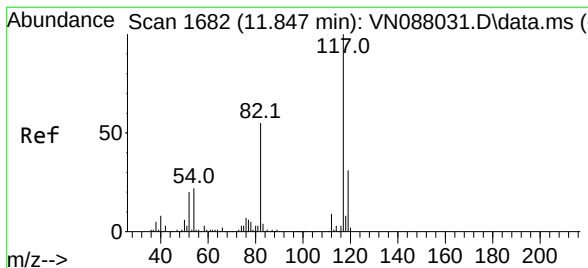
Tgt Ion:107 Resp: 143680
Ion Ratio Lower Upper
107 100
109 94.7 75.5 113.3



#56
Bromoform
Concen: 16.210 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN088040.D
Acq: 08 Oct 2025 14:59

Tgt Ion:173 Resp: 58231
Ion Ratio Lower Upper
173 100
175 51.2 39.6 59.4
254 7.6 6.6 10.0





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.847 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN088040.D

Acq: 08 Oct 2025 14:59

Instrument :

MSVOA_N

ClientSampleId :

WP0925-PT-VOA-WP

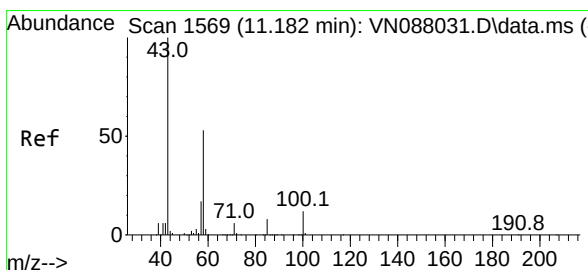
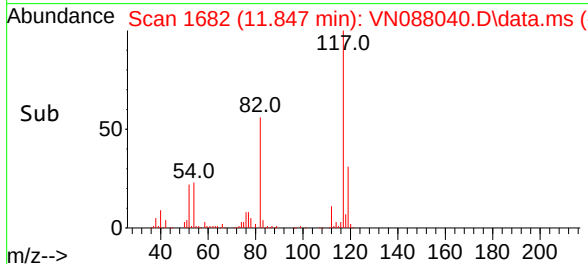
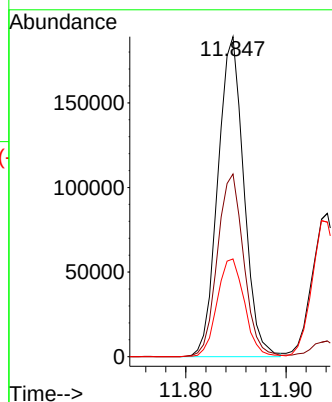
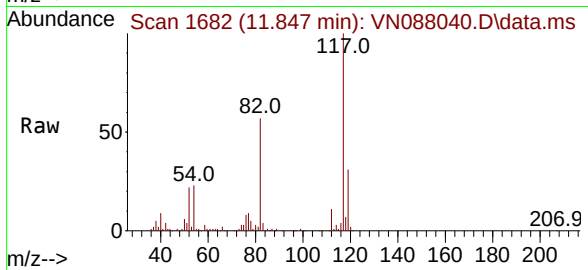
Tgt Ion:117 Resp: 340426

Ion Ratio Lower Upper

117 100

82 57.9 45.2 67.8

119 32.0 25.9 38.9



#59

2-Hexanone

Concen: 96.144 ug/l

RT: 11.177 min Scan# 1568

Delta R.T. -0.006 min

Lab File: VN088040.D

Acq: 08 Oct 2025 14:59

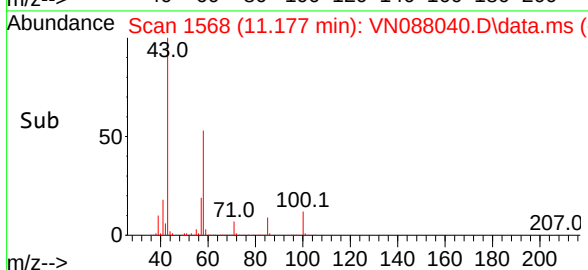
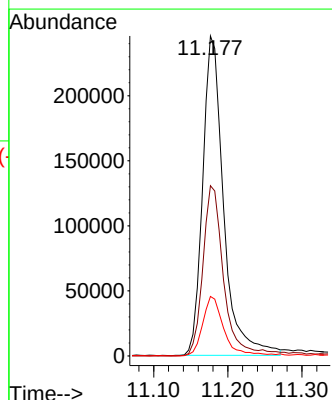
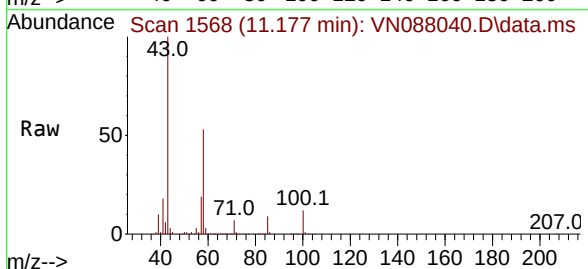
Tgt Ion: 43 Resp: 483353

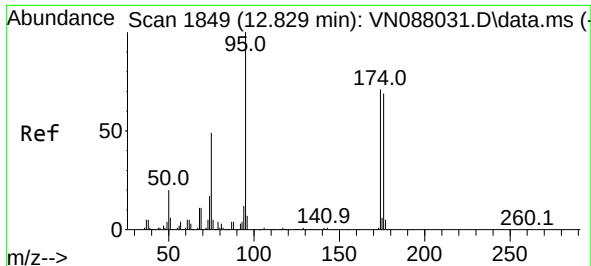
Ion Ratio Lower Upper

43 100

58 51.7 43.1 64.7

57 18.9 14.6 21.8

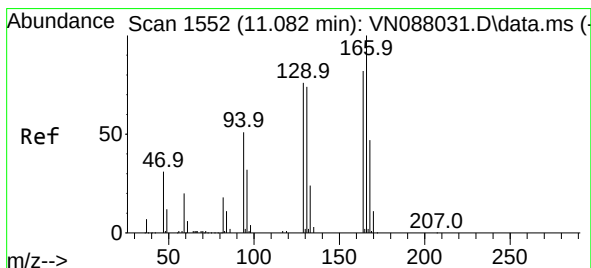
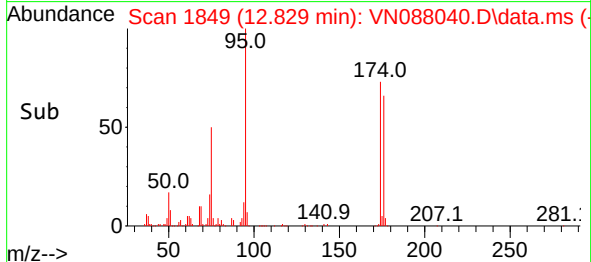
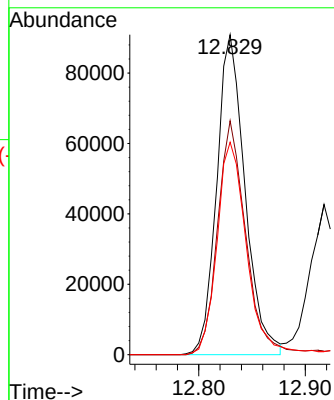
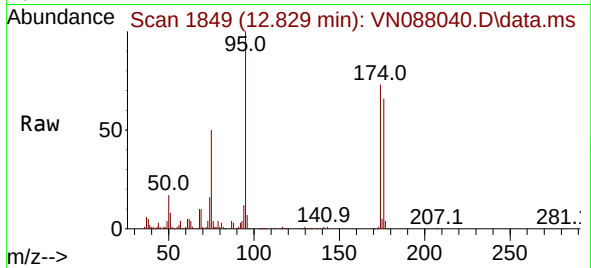




#60
4-Bromofluorobenzene
Concen: 29.868 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN088040.D
Acq: 08 Oct 2025 14:59

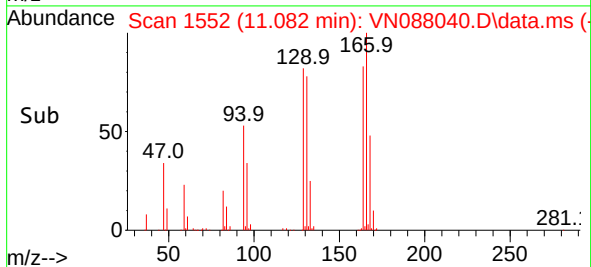
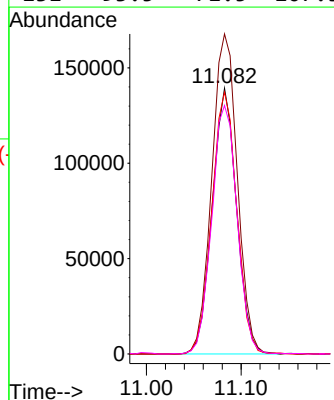
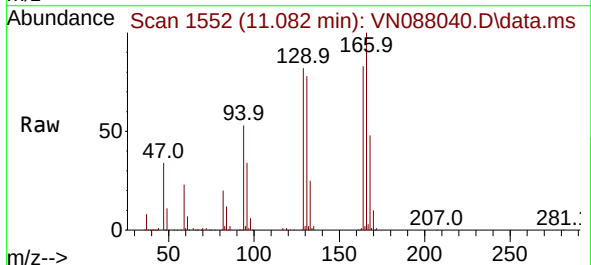
Instrument :
MSVOA_N
ClientSampleId :
WP0925-PT-VOA-WP

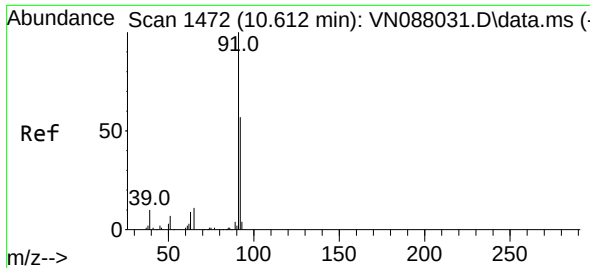
Tgt Ion: 95 Resp: 167622
Ion Ratio Lower Upper
95 100
174 72.9 57.4 86.0
176 69.1 57.0 85.4



#61
Tetrachloroethene
Concen: 72.295 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN088040.D
Acq: 08 Oct 2025 14:59

Tgt Ion:164 Resp: 249227
Ion Ratio Lower Upper
164 100
166 120.4 97.2 145.8
129 98.5 73.7 110.5
131 93.5 71.5 107.3

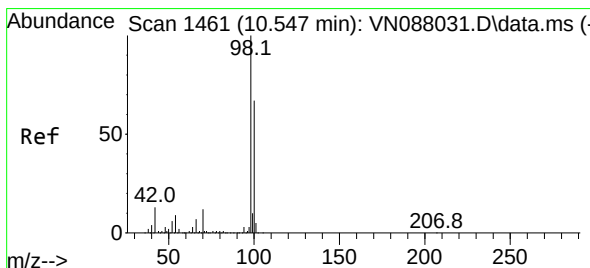
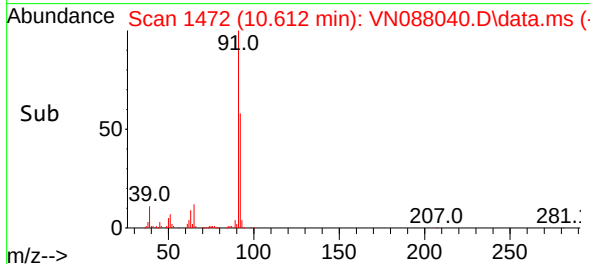
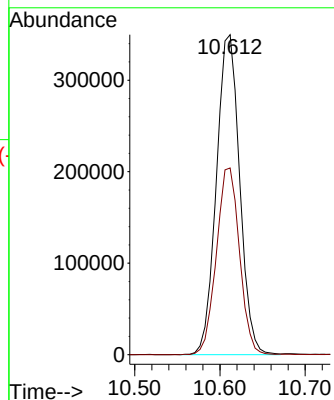
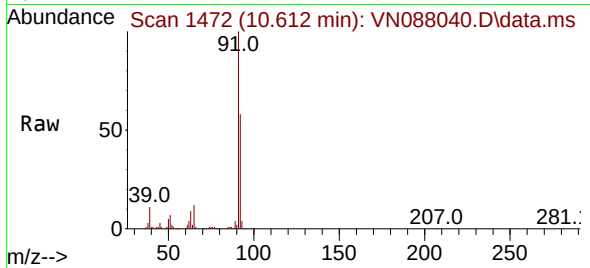




#62
Toluene
Concen: 34.469 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VN088040.D
Acq: 08 Oct 2025 14:59

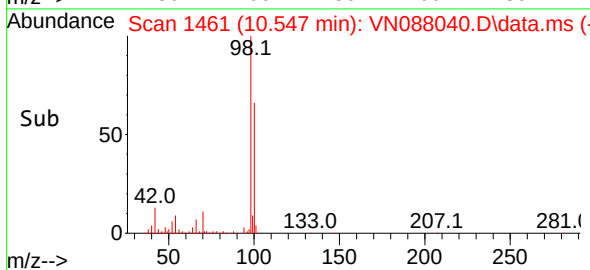
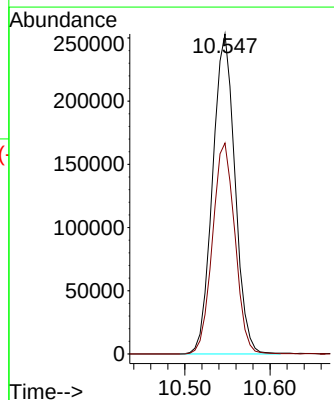
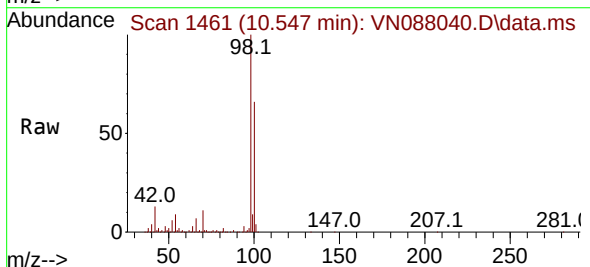
Instrument :
MSVOA_N
ClientSampleId :
WP0925-PT-VOA-WP

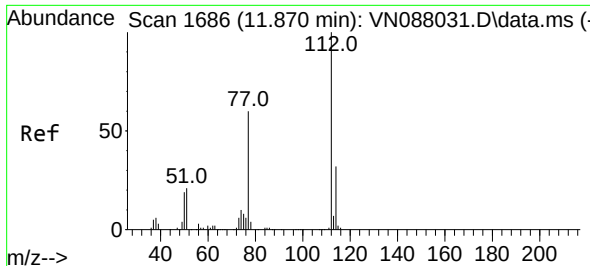
Tgt Ion: 91 Resp: 665604
Ion Ratio Lower Upper
91 100
92 57.9 45.8 68.8



#63
Toluene-d8
Concen: 30.435 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN088040.D
Acq: 08 Oct 2025 14:59

Tgt Ion: 98 Resp: 461616
Ion Ratio Lower Upper
98 100
100 66.1 53.1 79.7

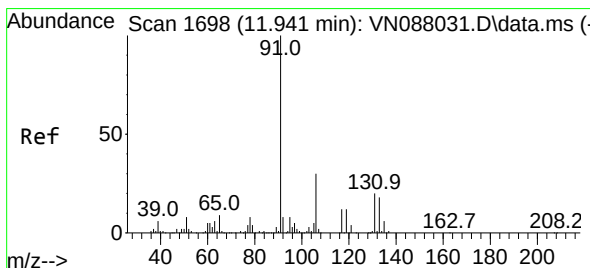
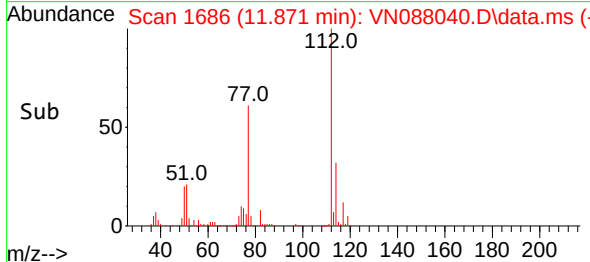
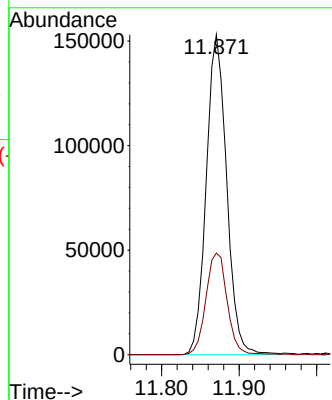
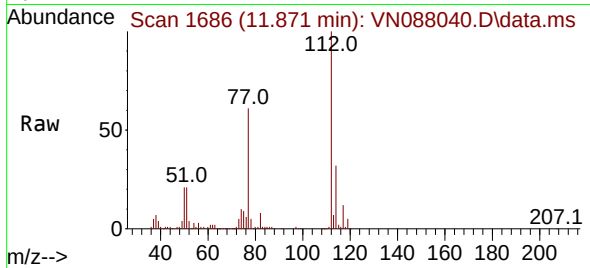




#64
Chlorobenzene
Concen: 22.674 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN088040.D
Acq: 08 Oct 2025 14:59

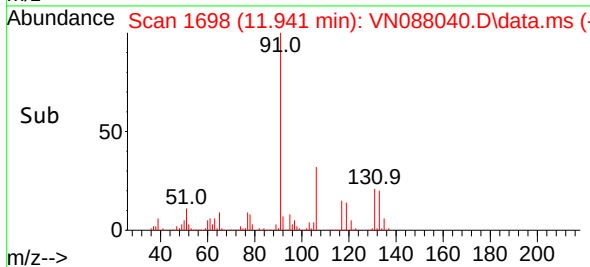
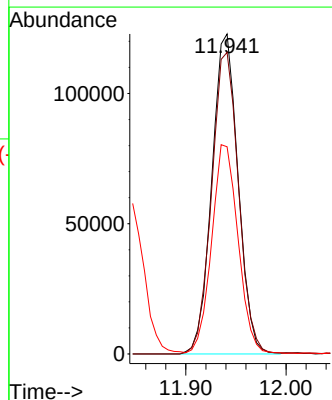
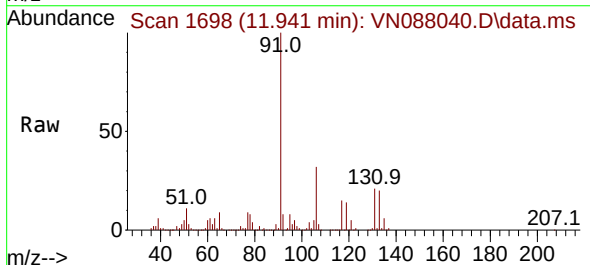
Instrument :
MSVOA_N
ClientSampleId :
WP0925-PT-VOA-WP

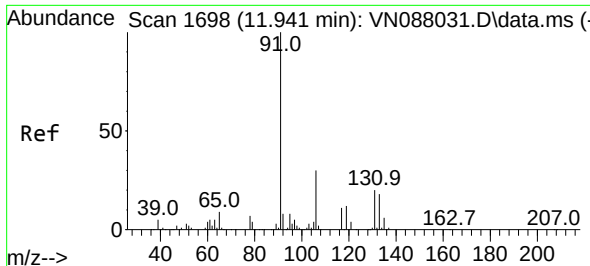
Tgt Ion:112 Resp: 279658
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5



#65
1,1,1,2-Tetrachloroethane
Concen: 52.567 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088040.D
Acq: 08 Oct 2025 14:59

Tgt Ion:131 Resp: 223439
Ion Ratio Lower Upper
131 100
133 96.7 0.0 183.8
119 66.2 0.0 132.0

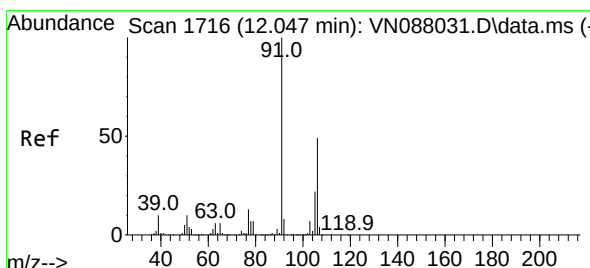
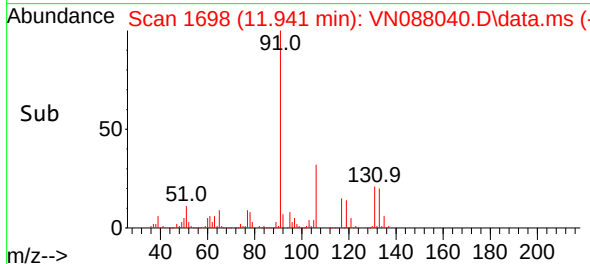
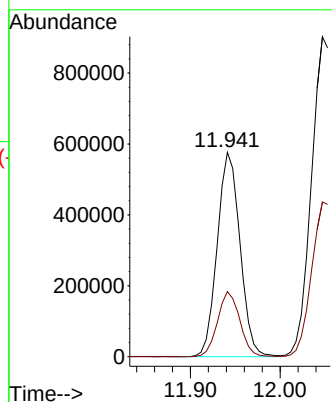
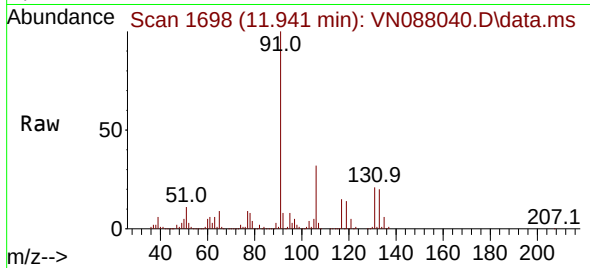




#66
Ethyl Benzene
Concen: 48.370 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088040.D
Acq: 08 Oct 2025 14:59

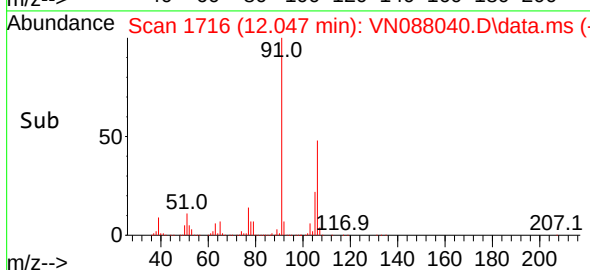
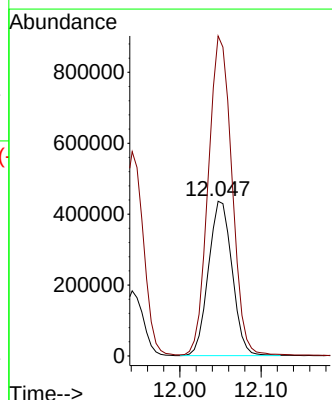
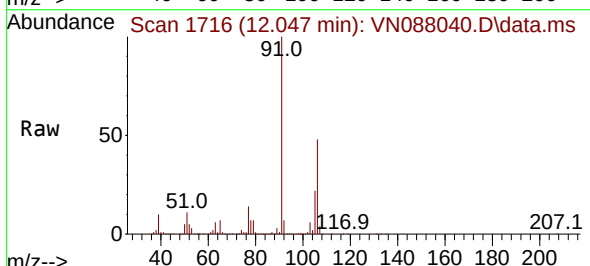
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ClientSampleId :
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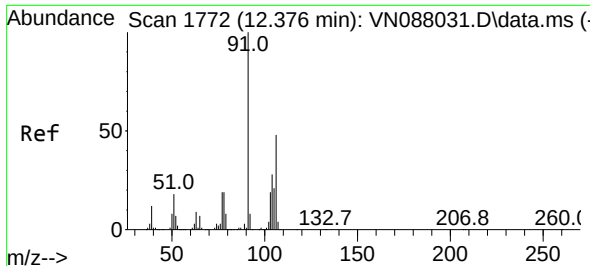
Tgt Ion: 91 Resp: 1015644
Ion Ratio Lower Upper
91 100
106 31.9 24.0 36.0



#67
m/p-Xylenes
Concen: 108.883 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN088040.D
Acq: 08 Oct 2025 14:59

Tgt Ion:106 Resp: 881363
Ion Ratio Lower Upper
106 100
91 206.0 161.4 242.0

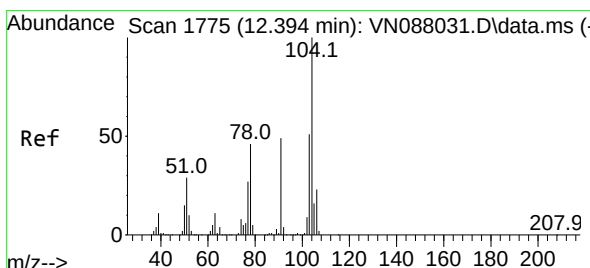
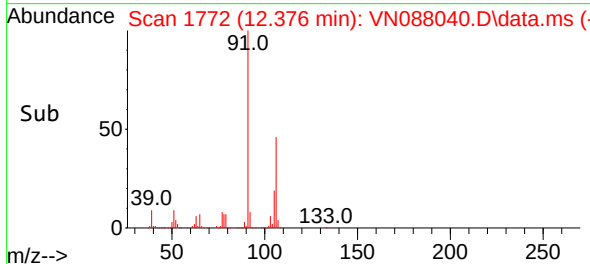
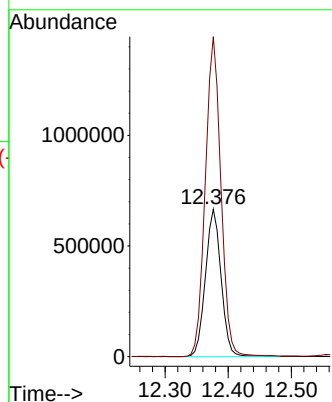
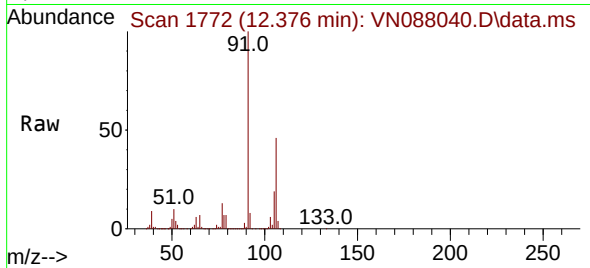




#68
o-Xylene
Concen: 142.566 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN088040.D
Acq: 08 Oct 2025 14:59

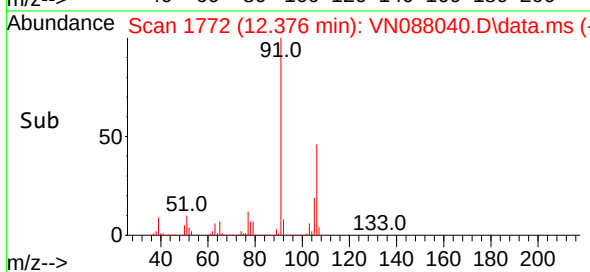
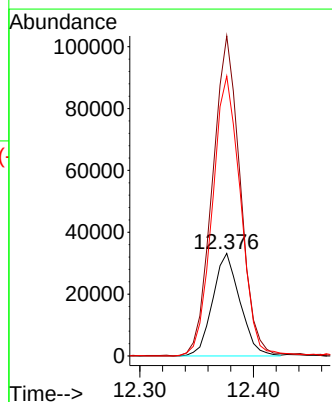
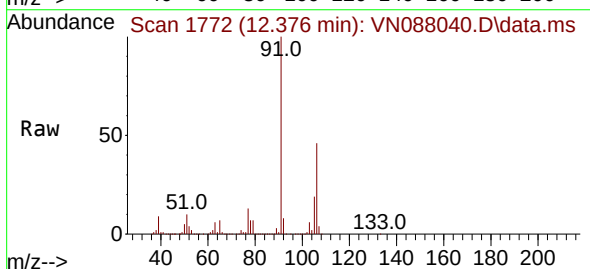
Instrument :
MSVOA_N
ClientSampleId :
WP0925-PT-VOA-WP

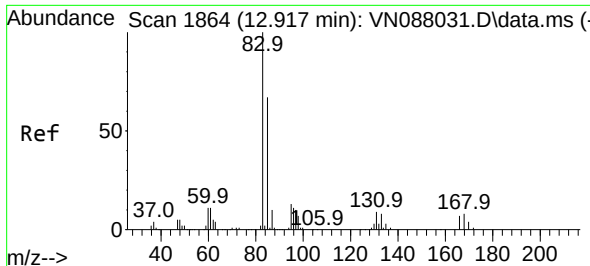
Tgt Ion:106 Resp: 1148810
Ion Ratio Lower Upper
106 100
91 215.6 105.2 315.6



#69
Styrene
Concen: 4.150 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.017 min
Lab File: VN088040.D
Acq: 08 Oct 2025 14:59

Tgt Ion:104 Resp: 55322
Ion Ratio Lower Upper
104 100
78 317.5 41.8 62.6#
103 282.5 44.9 67.3#

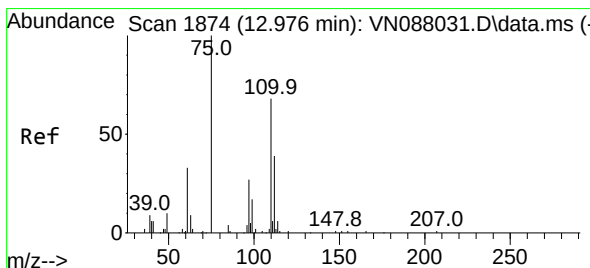
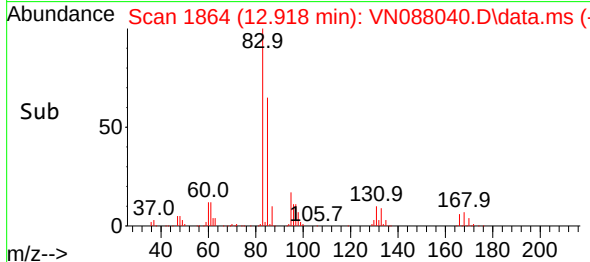
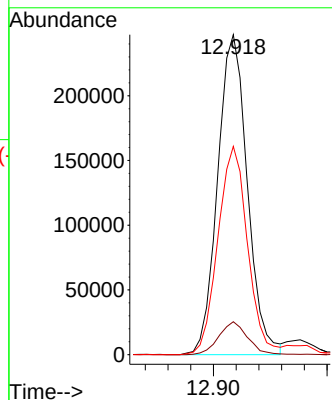
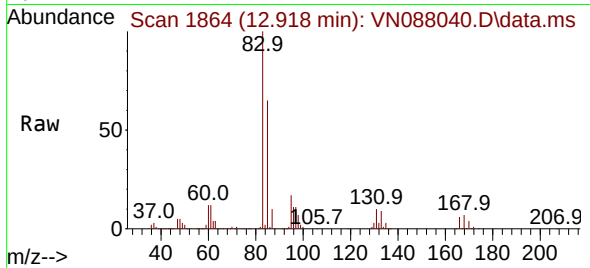




#71
1,1,2,2-Tetrachloroethane
Concen: 67.026 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN088040.D
Acq: 08 Oct 2025 14:59

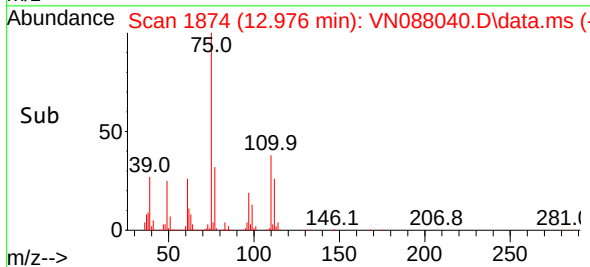
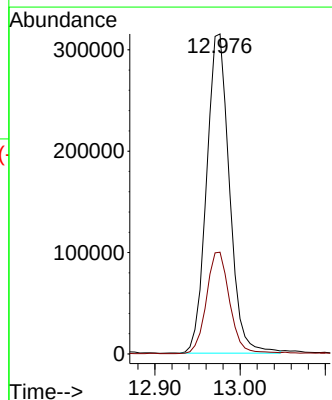
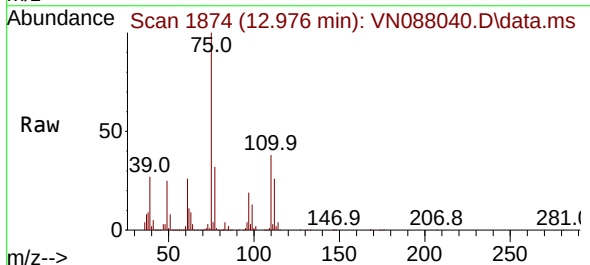
Instrument :
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ClientSampleId :
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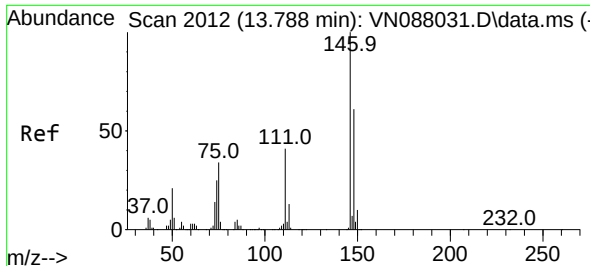
Tgt Ion: 83 Resp: 448788
Ion Ratio Lower Upper
83 100
131 10.1 4.8 14.3
85 65.1 32.4 97.2



#72
1,2,3-Trichloropropane
Concen: 94.500 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN088040.D
Acq: 08 Oct 2025 14:59

Tgt Ion: 75 Resp: 587649
Ion Ratio Lower Upper
75 100
77 32.3 0.0 364.0

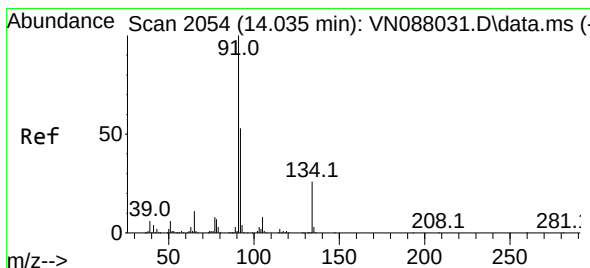
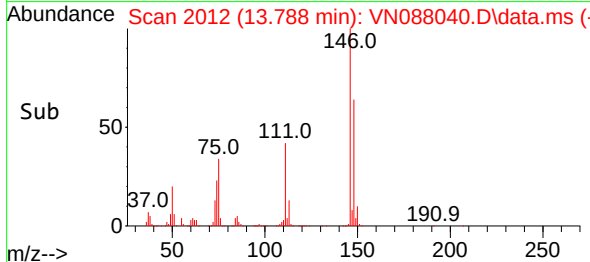
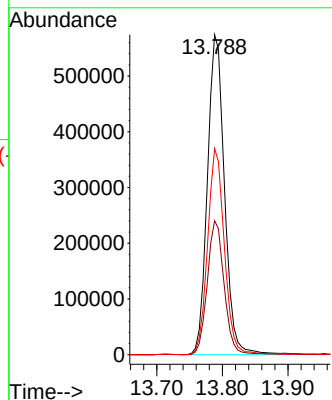
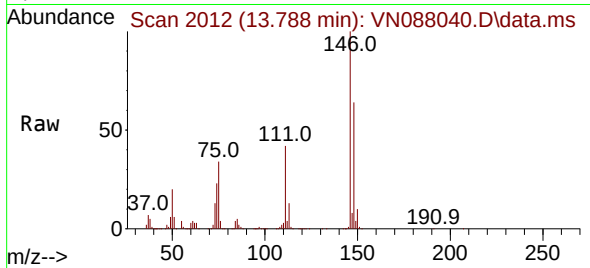




#84
1,4-Dichlorobenzene
Concen: 111.061 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN088040.D
Acq: 08 Oct 2025 14:59

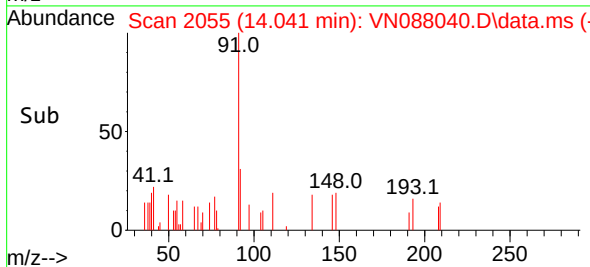
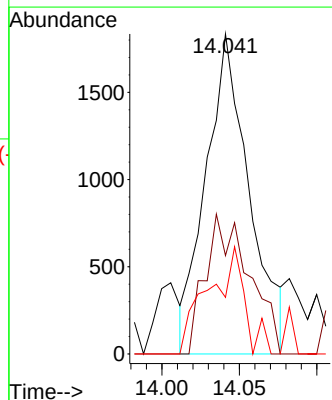
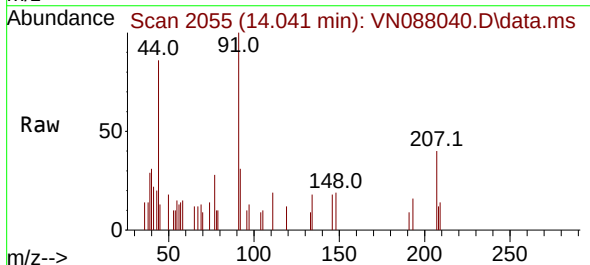
Instrument :
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ClientSampleId :
WP0925-PT-VOA-WP

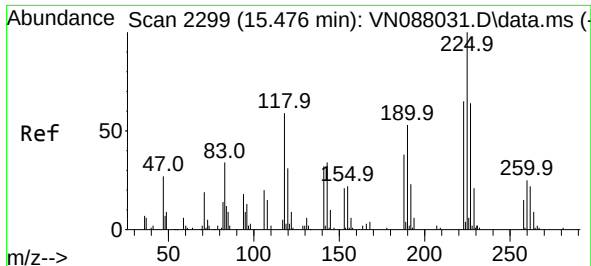
Tgt Ion:146 Resp: 1040267
Ion Ratio Lower Upper
146 100
111 41.0 20.5 61.6
148 63.4 31.9 95.9



#85
n-Butylbenzene
Concen: 0.221 ug/l
RT: 14.041 min Scan# 2055
Delta R.T. 0.006 min
Lab File: VN088040.D
Acq: 08 Oct 2025 14:59

Tgt Ion: 91 Resp: 3586
Ion Ratio Lower Upper
91 100
92 0.0 0.0 107.6
134 9.6 0.0 52.6

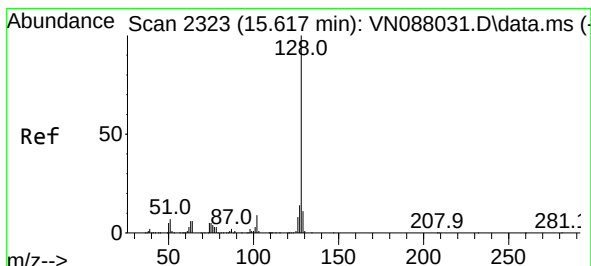
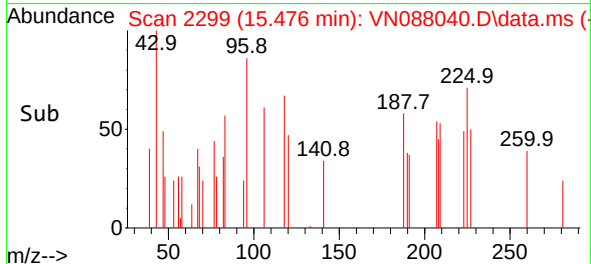
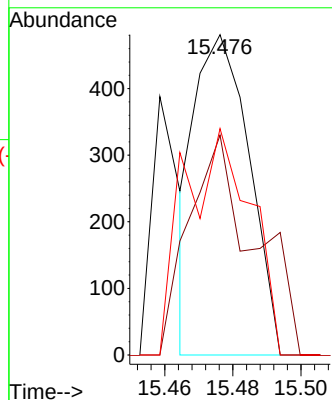
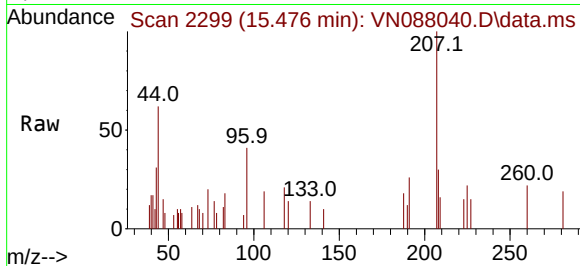




#90
Hexachlorobutadiene
Concen: 0.284 ug/l
RT: 15.476 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN088040.D
Acq: 08 Oct 2025 14:59

Instrument :
MSVOA_N
ClientSampleId :
WP0925-PT-VOA-WP

Tgt Ion:225 Resp: 526
Ion Ratio Lower Upper
225 100
223 60.5 0.0 129.6
227 87.5 0.0 132.2



#91
Naphthalene
Concen: 75.368 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. -0.006 min
Lab File: VN088040.D
Acq: 08 Oct 2025 14:59

Tgt Ion:128 Resp: 1468238
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.0 8.6 13.0

