

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102925\
 Data File : VN088148.D
 Acq On : 29 Oct 2025 10:45
 Operator : JC\MD
 Sample : VN1029MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1029MBL01

Quant Time: Oct 30 04:01:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 25 00:15:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	195826	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	444336	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	417944	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	201385	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	212561	62.772	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 125.540%#	
35) Dibromofluoromethane	8.147	113	158963	53.253	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.500%	
50) Toluene-d8	10.547	98	571382	49.677	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.360%	
62) 4-Bromofluorobenzene	12.829	95	214607	52.832	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 105.660%	

Target Compounds				Qvalue		
5) Bromomethane	2.995	94	1383	0.817	ug/l	86
10) Methyl Iodide	4.577	142	713	4.495	ug/l #	38
11) Tert butyl alcohol	5.530	59	444	0.761	ug/l #	71
13) Acrolein	4.206	56	1908	2.908	ug/l #	49
15) Acrylonitrile	5.712	53	1702	1.071	ug/l #	85
16) Acetone	4.430	43	1611	0.947	ug/l #	82
17) Carbon Disulfide	4.695	76	4798	0.641	ug/l #	86
18) Methyl Acetate	5.012	43	1029	0.295	ug/l #	54
20) Methylene Chloride	5.259	84	407	0.924	ug/l #	22
21) trans-1,2-Dichloroethene	5.783	96	545	0.202	ug/l #	53
23) Vinyl Acetate	6.594	43	2804	0.343	ug/l #	72
25) 2-Butanone	7.471	43	704	0.314	ug/l #	30
29) Tetrahydrofuran	7.830	42	736	0.504	ug/l #	46
31) Cyclohexane	8.206	56	6593	1.391	ug/l #	46
36) 1,1-Dichloropropene	8.206	75	20804	4.773	ug/l #	53
38) Carbon Tetrachloride	8.212	117	23953	5.321	ug/l #	14
39) Methylcyclohexane	9.582	83	1648	0.294	ug/l #	69
49) 1,4-Dioxane	9.694	88	494	9.954	ug/l #	92
51) 4-Methyl-2-Pentanone	10.435	43	1925	0.376	ug/l #	67
58) 2-Chloroethyl Vinyl ether	10.153	63	543	0.212	ug/l #	49
76) 1,2,3-Trichloropropane	12.829	75	120259	26.119	ug/l #	1
78) n-propylbenzene	13.023	91	3858	0.204	ug/l	78
79) 2-Chlorotoluene	13.206	91	2643	0.245	ug/l	79
81) trans-1,4-Dichloro-2-b...	12.829	75	120259	72.860	ug/l #	1
82) 4-Chlorotoluene	13.206	91	2643	0.226	ug/l	80
84) 1,2,4-Trimethylbenzene	13.465	105	2701	0.209	ug/l	88
85) sec-Butylbenzene	13.594	105	4060	0.240	ug/l	92
86) p-Isopropyltoluene	13.706	119	3356	0.247	ug/l	98
87) 1,3-Dichlorobenzene	13.723	146	2014	0.301	ug/l	86
88) 1,4-Dichlorobenzene	13.723	146	2014	0.280	ug/l	88
89) n-Butylbenzene	14.035	91	4184	0.311	ug/l	94
90) Hexachloroethane	14.312	117	534	0.203	ug/l	83
93) 1,2,4-Trichlorobenzene	15.376	180	2262	0.579	ug/l #	84
94) Hexachlorobutadiene	15.476	225	2039	1.403	ug/l	94
95) Naphthalene	15.611	128	8212	0.614	ug/l #	86
96) 1,2,3-Trichlorobenzene	15.817	180	2761	0.738	ug/l	86

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102925\
Data File : VN088148.D
Acq On : 29 Oct 2025 10:45
Operator : JC\MD
Sample : VN1029MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1029MBL01

Quant Time: Oct 30 04:01:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 25 00:15:22 2025
Response via : Initial Calibration

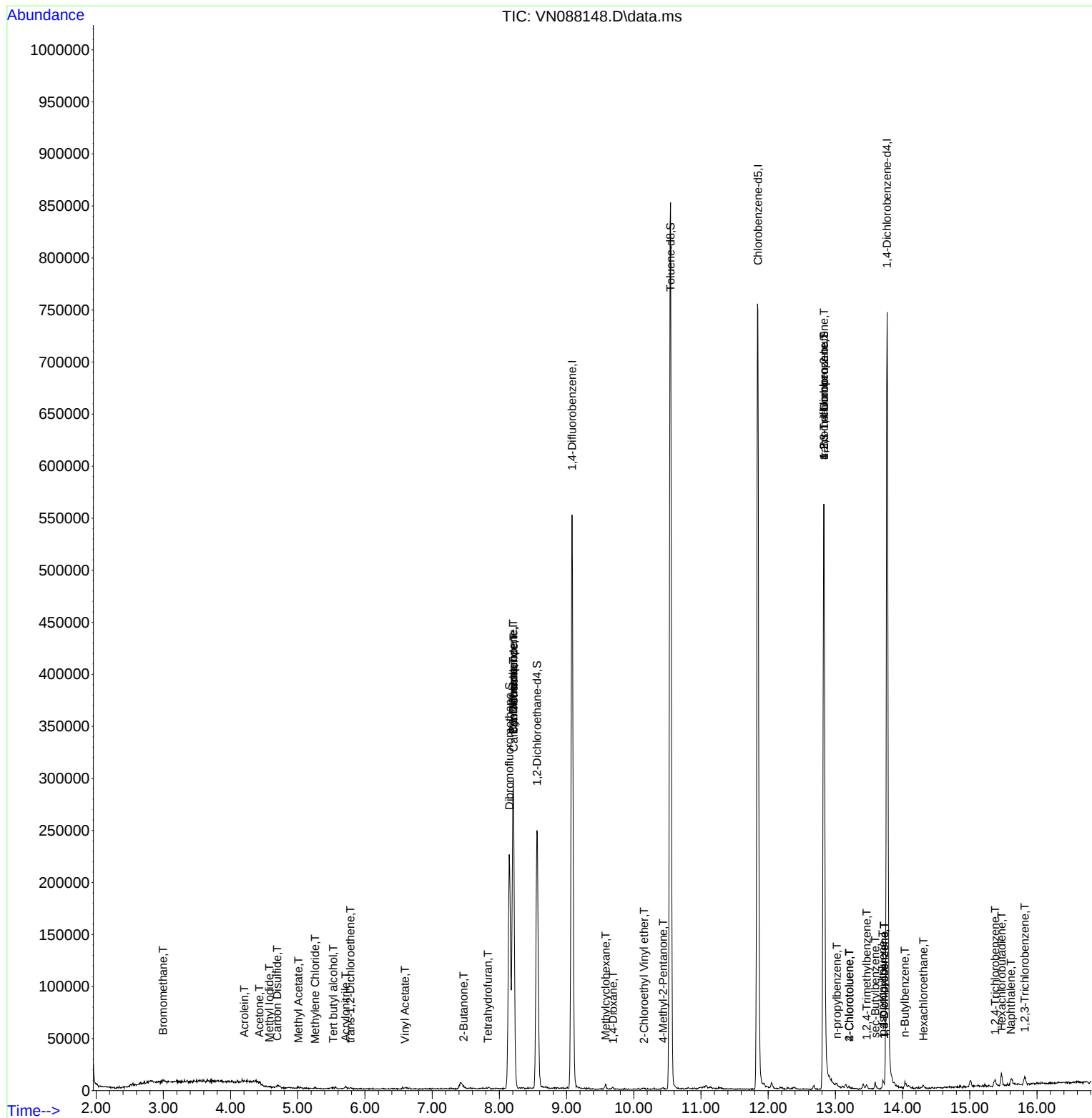
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

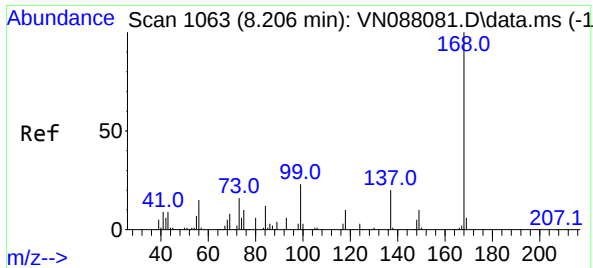
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102925\
Data File : VN088148.D
Acq On : 29 Oct 2025 10:45
Operator : JC\MD
Sample : VN1029MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1029MBL01

Quant Time: Oct 30 04:01:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 25 00:15:22 2025
Response via : Initial Calibration

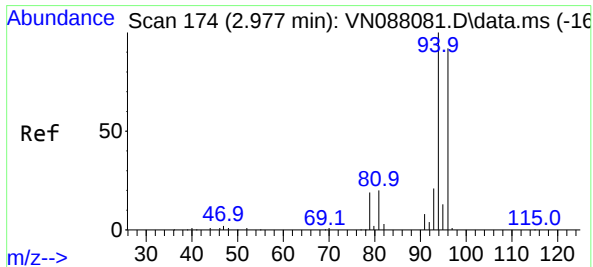
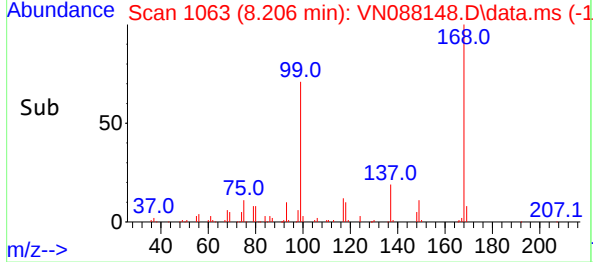
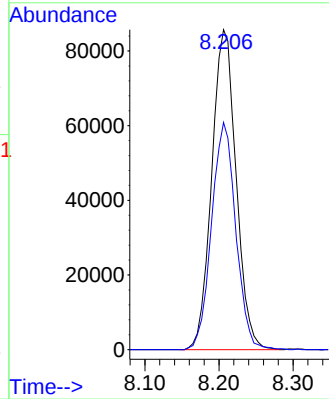
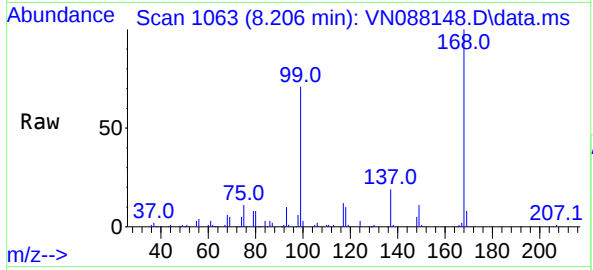




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN088148.D
Acq: 29 Oct 2025 10:45

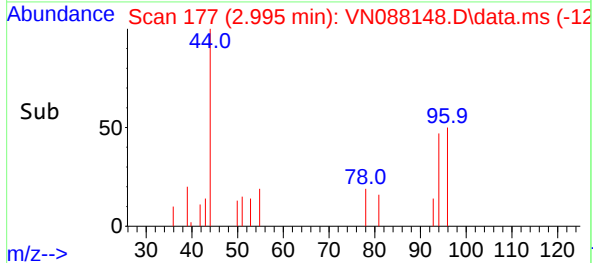
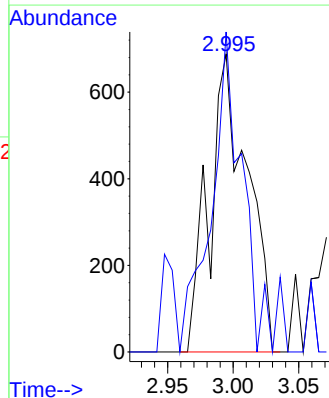
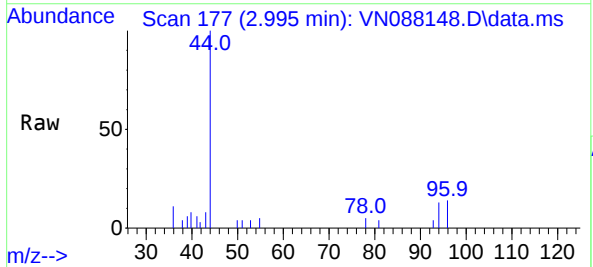
Instrument :
MSVOA_N
ClientSampleId :
VN1029MBL01

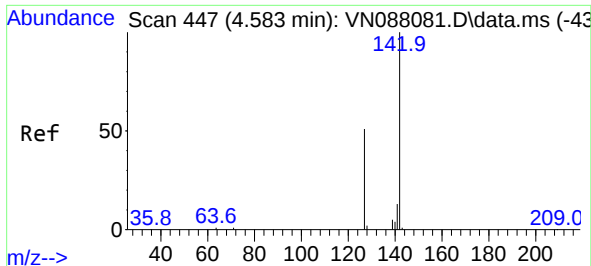
Tgt Ion:168 Resp: 195826
Ion Ratio Lower Upper
168 100
99 71.0 57.2 85.8



#5
Bromomethane
Concen: 0.817 ug/l
RT: 2.995 min Scan# 177
Delta R.T. 0.023 min
Lab File: VN088148.D
Acq: 29 Oct 2025 10:45

Tgt Ion: 94 Resp: 1383
Ion Ratio Lower Upper
94 100
96 107.4 75.4 113.2

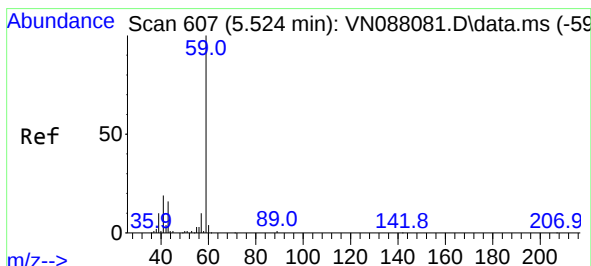
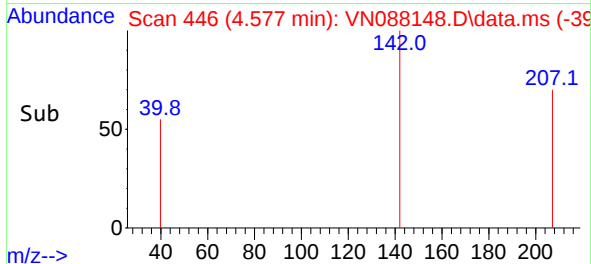
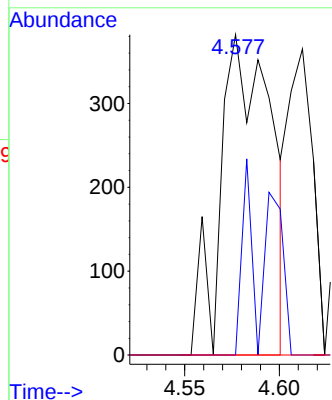
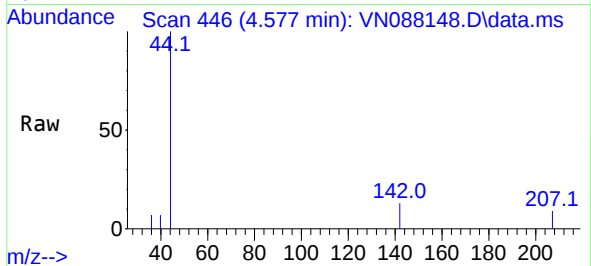




#10
Methyl Iodide
Concen: 4.495 ug/l
RT: 4.577 min Scan# 44
Delta R.T. -0.000 min
Lab File: VN088148.D
Acq: 29 Oct 2025 10:45

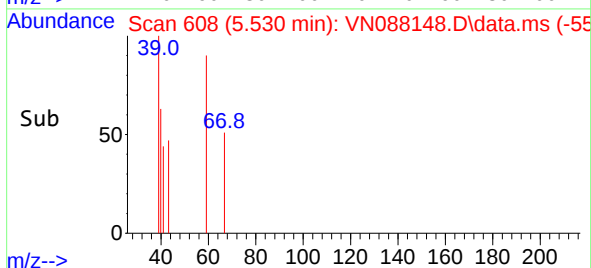
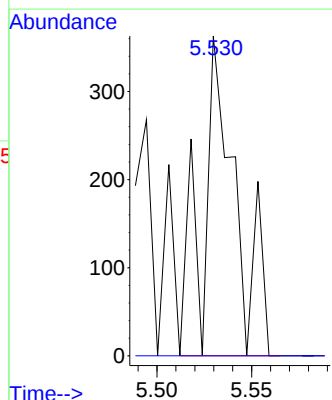
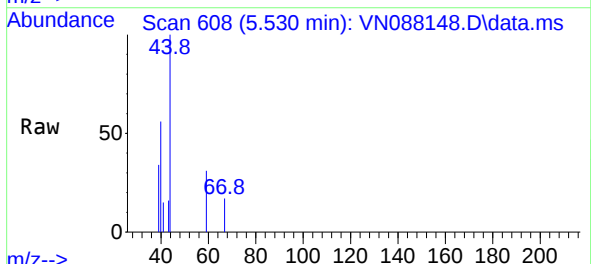
Instrument :
MSVOA_N
ClientSampleId :
VN1029MBL01

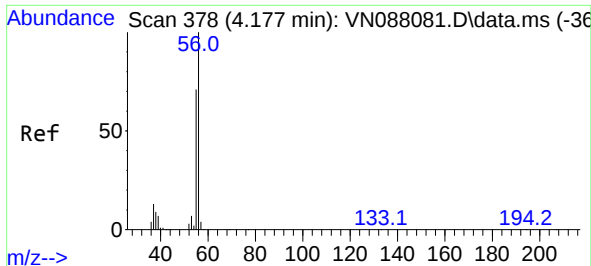
Tgt Ion:142 Resp: 713
Ion Ratio Lower Upper
142 100
127 0.0 38.0 57.0#
141 0.0 12.0 18.0#



#11
Tert butyl alcohol
Concen: 0.761 ug/l
RT: 5.530 min Scan# 608
Delta R.T. 0.012 min
Lab File: VN088148.D
Acq: 29 Oct 2025 10:45

Tgt Ion: 59 Resp: 444
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.4#

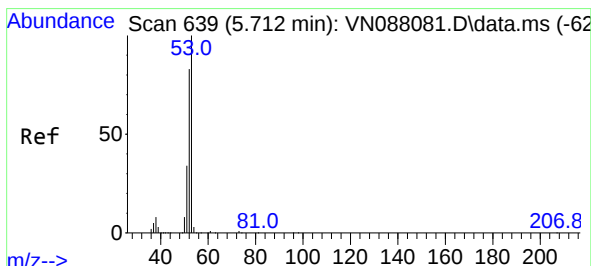
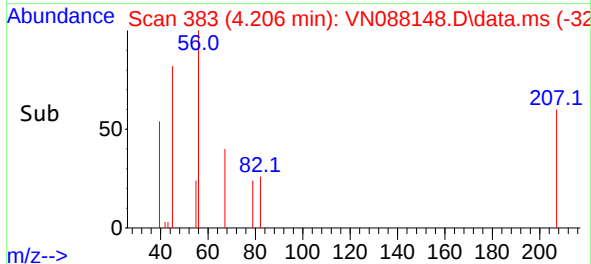
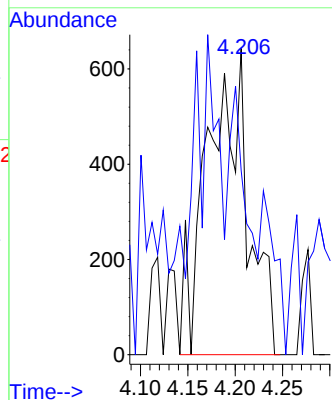
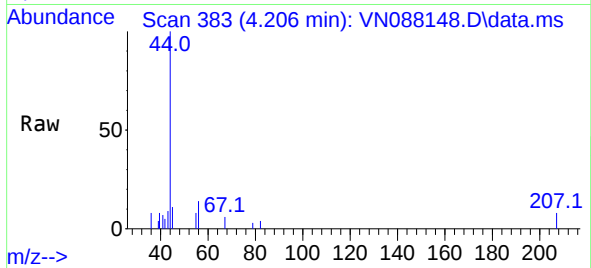




#13
Acrolein
Concen: 2.908 ug/l
RT: 4.206 min Scan# 383
Delta R.T. 0.035 min
Lab File: VN088148.D
Acq: 29 Oct 2025 10:45

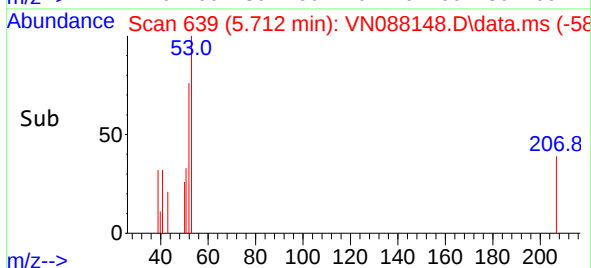
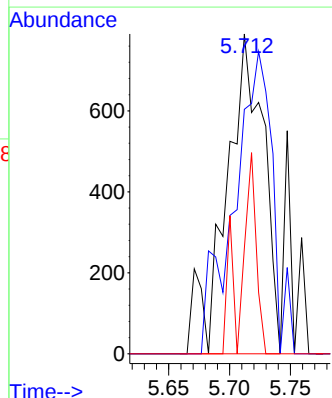
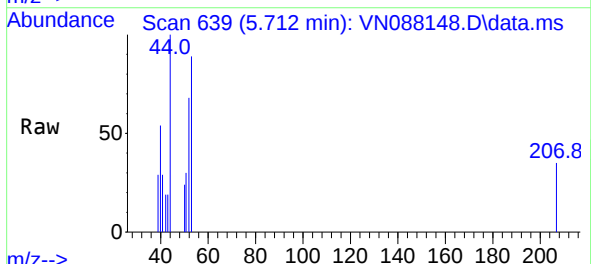
Instrument :
MSVOA_N
ClientSampleId :
VN1029MBL01

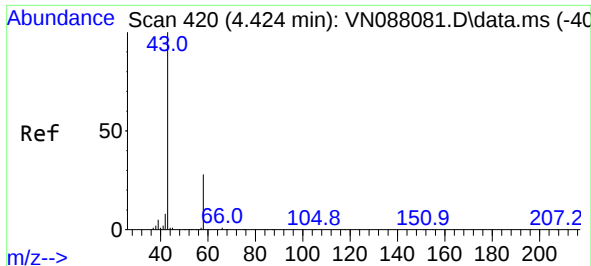
Tgt Ion: 56 Resp: 1908
Ion Ratio Lower Upper
56 100
55 29.5 57.3 85.9#



#15
Acrylonitrile
Concen: 1.071 ug/l
RT: 5.712 min Scan# 639
Delta R.T. 0.006 min
Lab File: VN088148.D
Acq: 29 Oct 2025 10:45

Tgt Ion: 53 Resp: 1702
Ion Ratio Lower Upper
53 100
52 96.8 67.6 101.4
51 26.0 30.1 45.1#

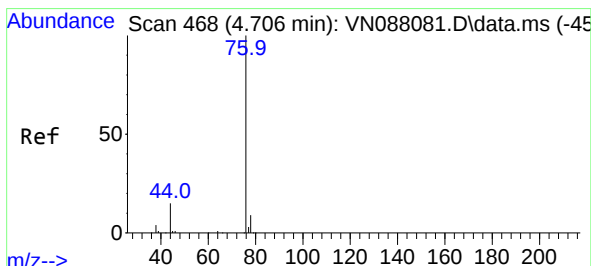
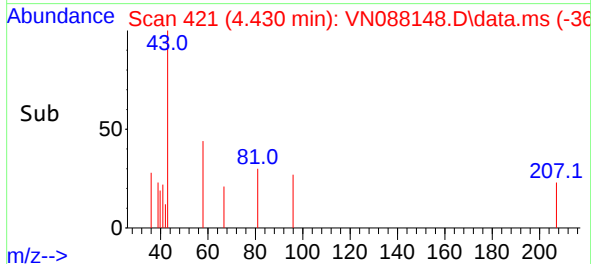
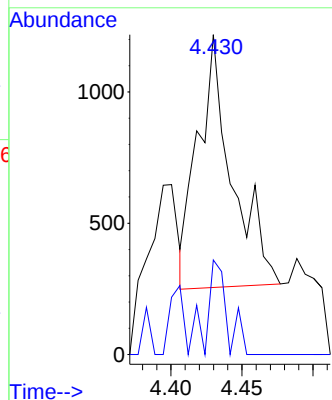
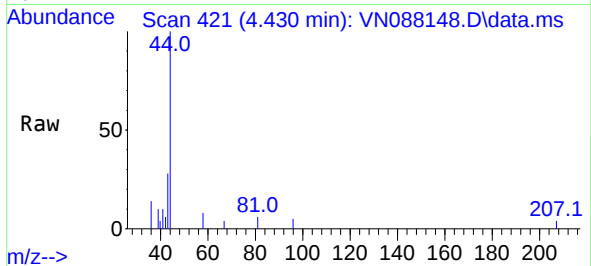




#16
Acetone
Concen: 0.947 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN088148.D
Acq: 29 Oct 2025 10:45

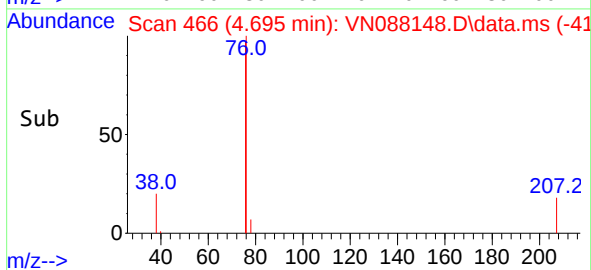
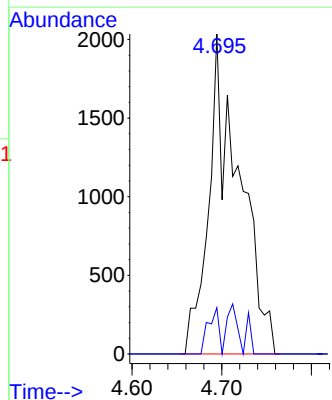
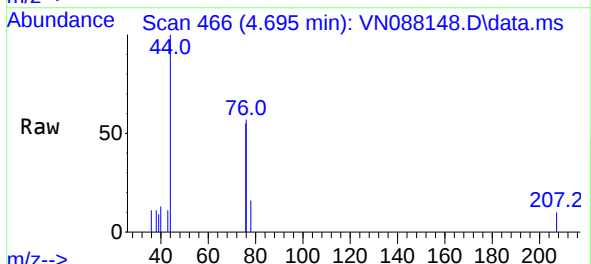
Instrument :
MSVOA_N
ClientSampleId :
VN1029MBL01

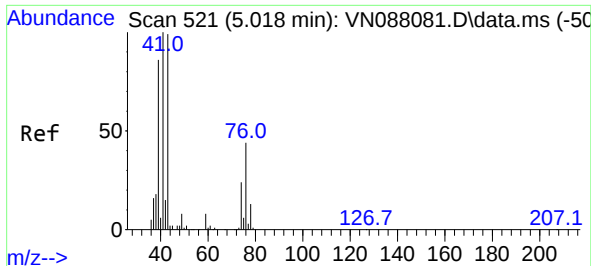
Tgt Ion: 43 Resp: 1611
Ion Ratio Lower Upper
43 100
58 37.9 22.6 33.8#



#17
Carbon Disulfide
Concen: 0.641 ug/l
RT: 4.695 min Scan# 466
Delta R.T. -0.006 min
Lab File: VN088148.D
Acq: 29 Oct 2025 10:45

Tgt Ion: 76 Resp: 4798
Ion Ratio Lower Upper
76 100
78 14.4 7.6 11.4#

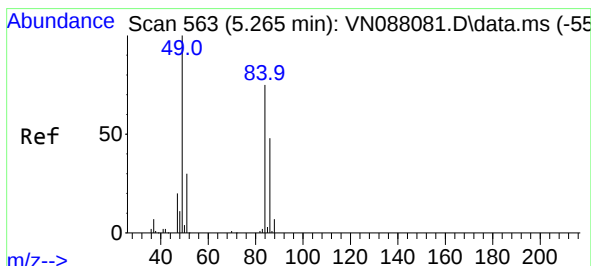
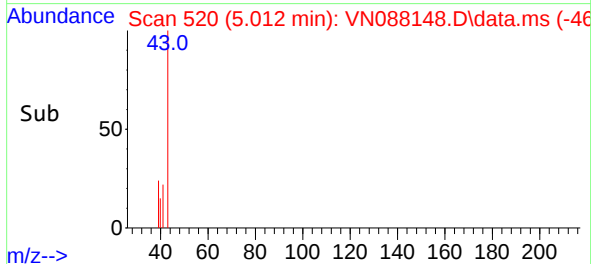
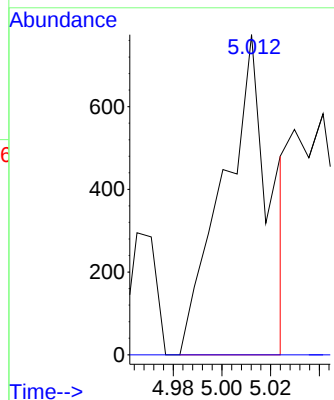
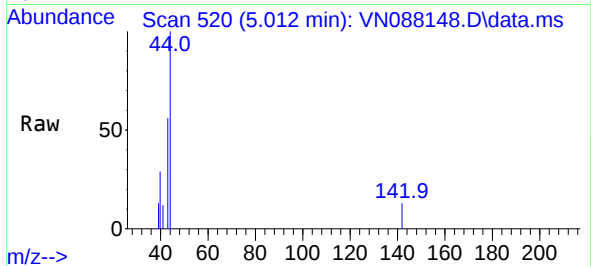




#18
Methyl Acetate
Concen: 0.295 ug/l
RT: 5.012 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN088148.D
Acq: 29 Oct 2025 10:45

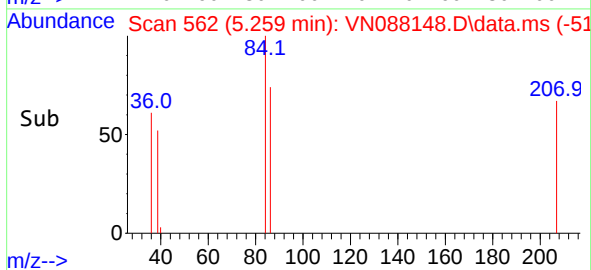
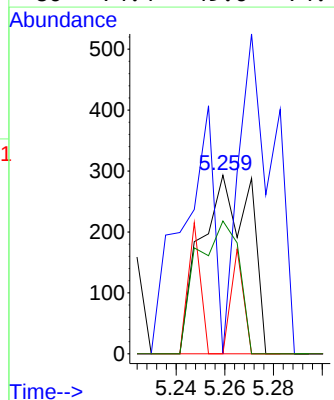
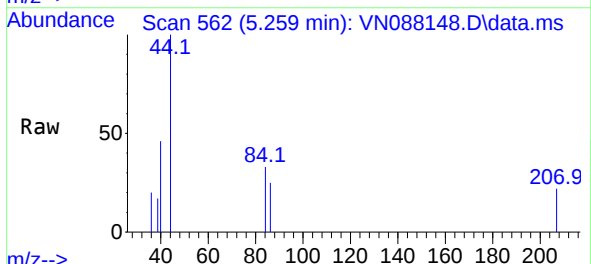
Instrument :
MSVOA_N
ClientSampleId :
VN1029MBL01

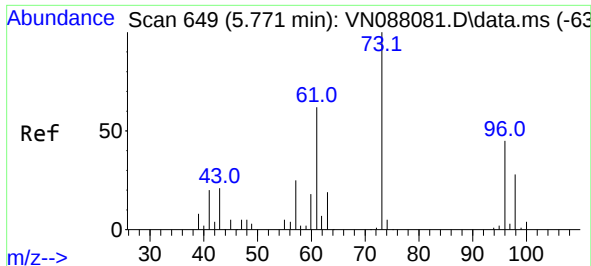
Tgt Ion: 43 Resp: 1029
Ion Ratio Lower Upper
43 100
74 0.0 17.6 26.4#



#20
Methylene Chloride
Concen: 0.924 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.006 min
Lab File: VN088148.D
Acq: 29 Oct 2025 10:45

Tgt Ion: 84 Resp: 407
Ion Ratio Lower Upper
84 100
49 0.0 103.4 155.2#
51 0.0 33.8 50.8#
86 74.4 49.6 74.4#

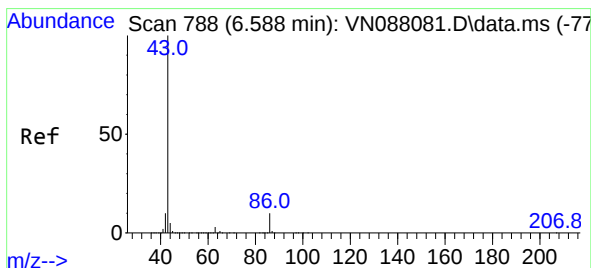
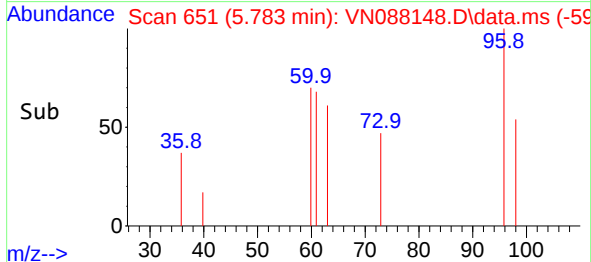
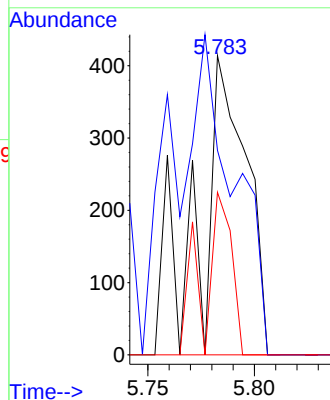
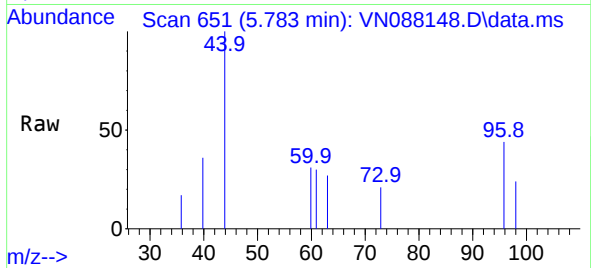




#21
trans-1,2-Dichloroethene
Concen: 0.202 ug/l
RT: 5.783 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN088148.D
Acq: 29 Oct 2025 10:45

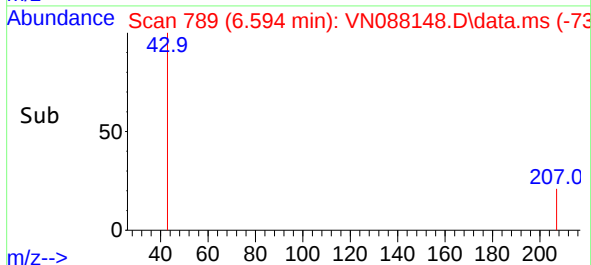
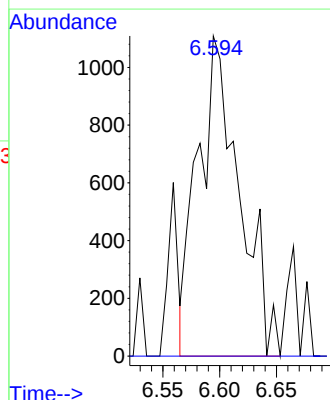
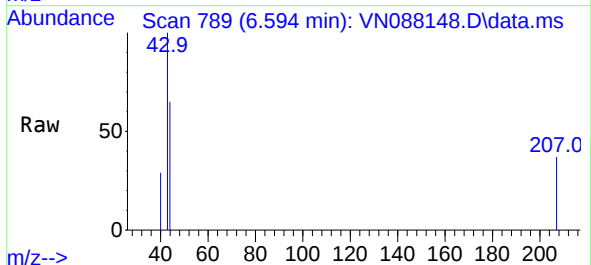
Instrument :
MSVOA_N
ClientSampleId :
VN1029MBL01

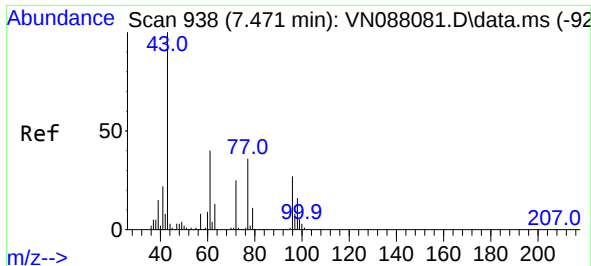
Tgt Ion: 96 Resp: 545
Ion Ratio Lower Upper
96 100
61 68.4 118.0 177.0#
98 54.3 50.0 75.0



#23
Vinyl Acetate
Concen: 0.343 ug/l
RT: 6.594 min Scan# 789
Delta R.T. 0.006 min
Lab File: VN088148.D
Acq: 29 Oct 2025 10:45

Tgt Ion: 43 Resp: 2804
Ion Ratio Lower Upper
43 100
86 0.0 8.2 12.4#

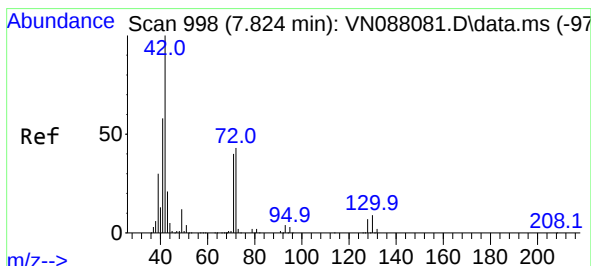
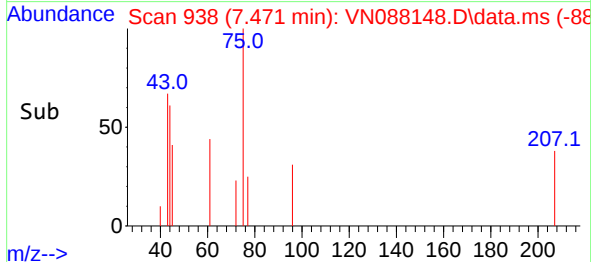
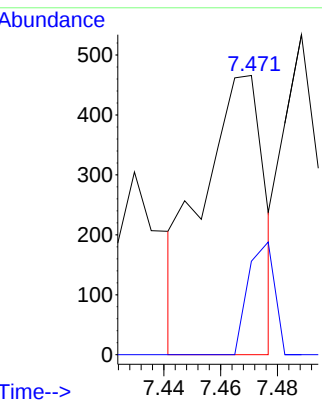
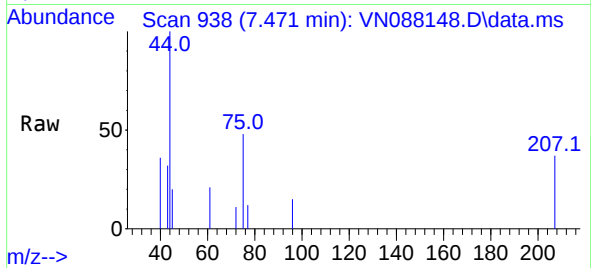




#25
2-Butanone
Concen: 0.314 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088148.D
Acq: 29 Oct 2025 10:45

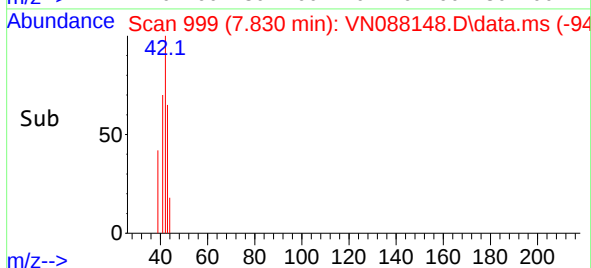
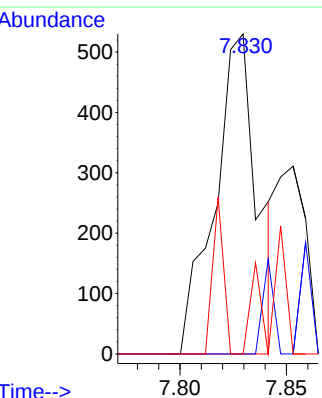
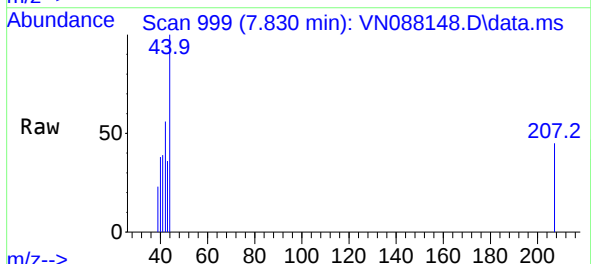
Instrument :
MSVOA_N
ClientSampleId :
VN1029MBL01

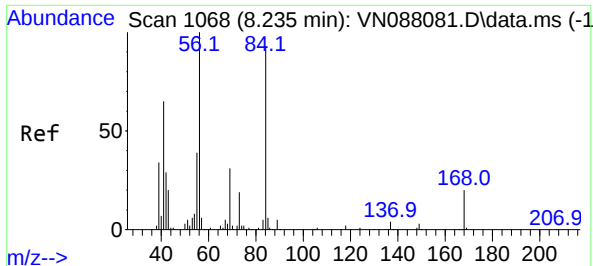
Tgt Ion: 43 Resp: 704
Ion Ratio Lower Upper
43 100
72 60.0 19.9 29.9#



#29
Tetrahydrofuran
Concen: 0.504 ug/l
RT: 7.830 min Scan# 999
Delta R.T. 0.006 min
Lab File: VN088148.D
Acq: 29 Oct 2025 10:45

Tgt Ion: 42 Resp: 736
Ion Ratio Lower Upper
42 100
72 7.5 33.7 50.5#
71 7.2 31.9 47.9#

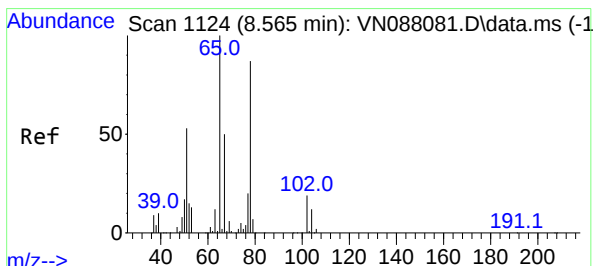
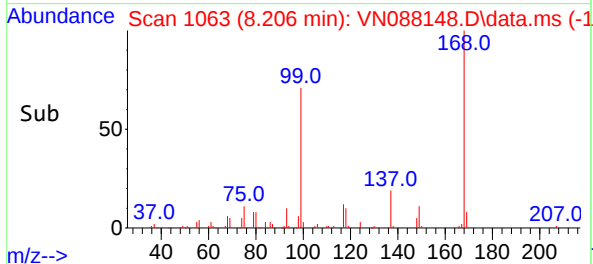
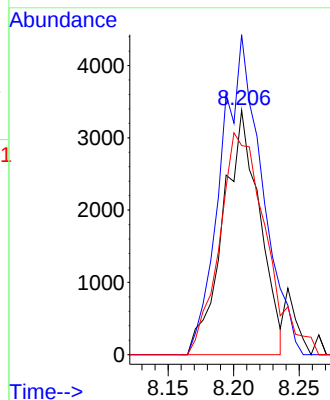
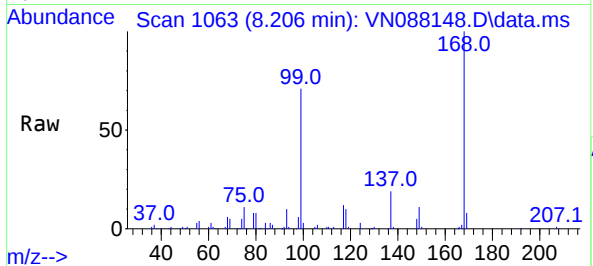




#31
Cyclohexane
Concen: 1.391 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.030 min
Lab File: VN088148.D
Acq: 29 Oct 2025 10:45

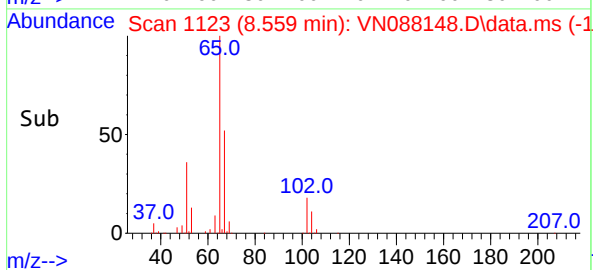
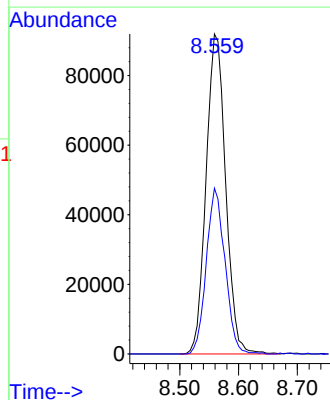
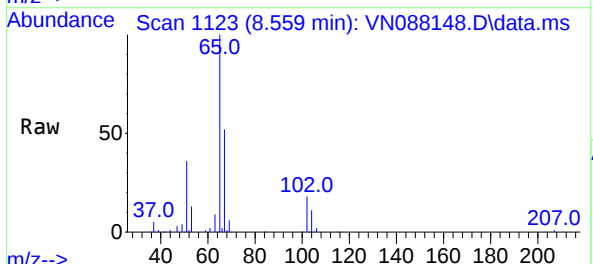
Instrument :
MSVOA_N
ClientSampleId :
VN1029MBL01

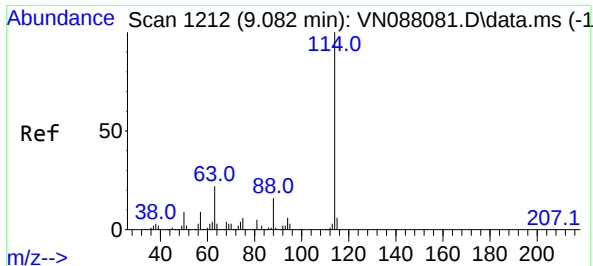
Tgt Ion: 56 Resp: 6593
Ion Ratio Lower Upper
56 100
69 130.9 23.7 35.5#
84 85.5 64.7 97.1



#33
1,2-Dichloroethane-d4
Concen: 62.772 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN088148.D
Acq: 29 Oct 2025 10:45

Tgt Ion: 65 Resp: 212561
Ion Ratio Lower Upper
65 100
67 49.7 0.0 100.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN088148.D

Acq: 29 Oct 2025 10:45

Instrument :

MSVOA_N

ClientSampleId :

VN1029MBL01

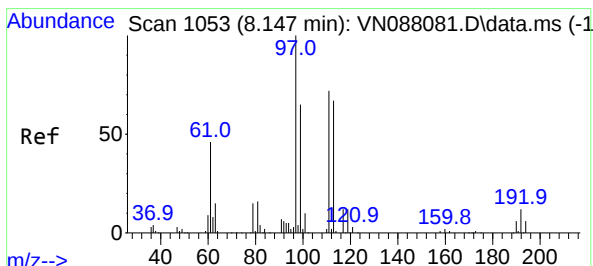
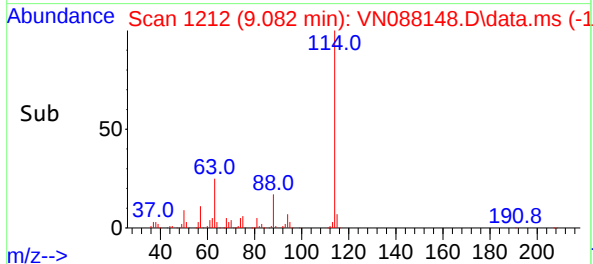
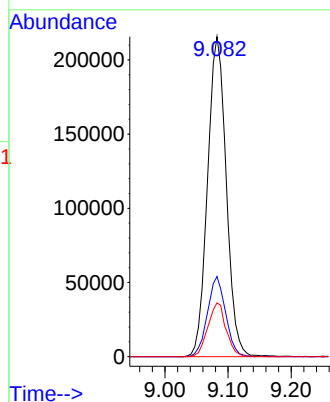
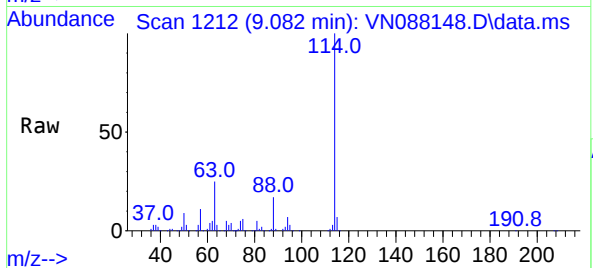
Tgt Ion:114 Resp: 444336

Ion Ratio Lower Upper

114 100

63 25.0 0.0 45.2

88 16.8 0.0 33.4



#35

Dibromofluoromethane

Concen: 53.253 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088148.D

Acq: 29 Oct 2025 10:45

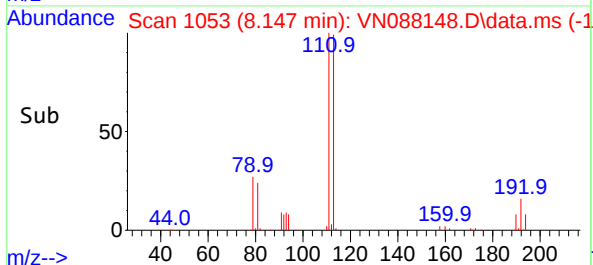
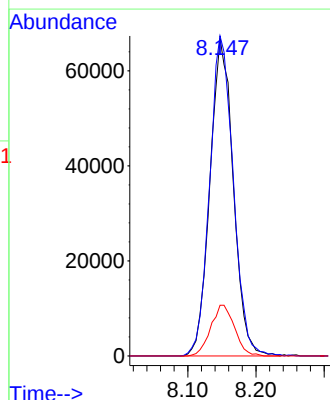
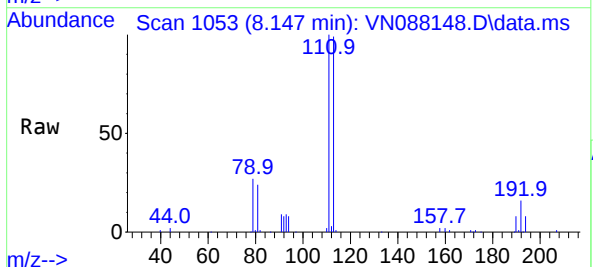
Tgt Ion:113 Resp: 158963

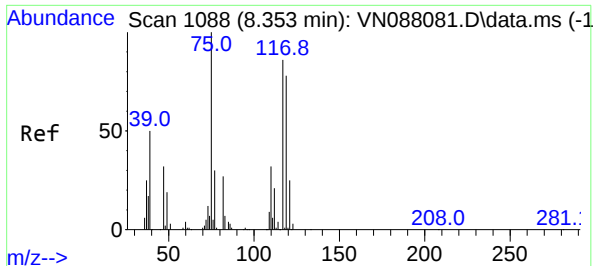
Ion Ratio Lower Upper

113 100

111 102.3 82.8 124.2

192 16.4 12.8 19.2

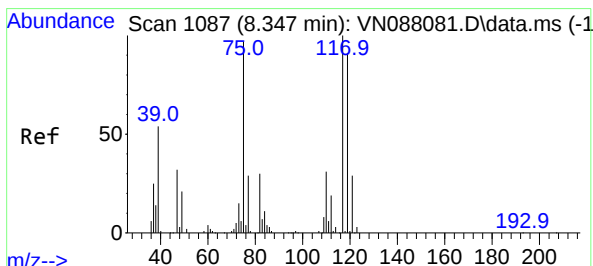
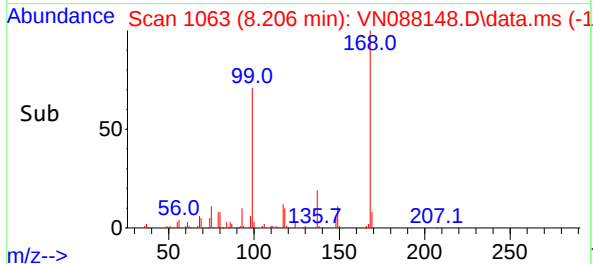
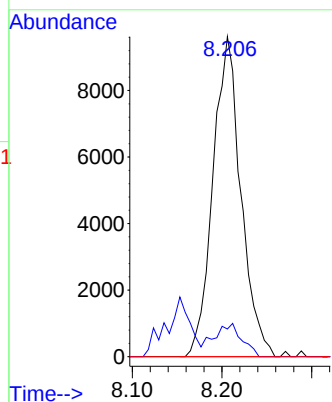
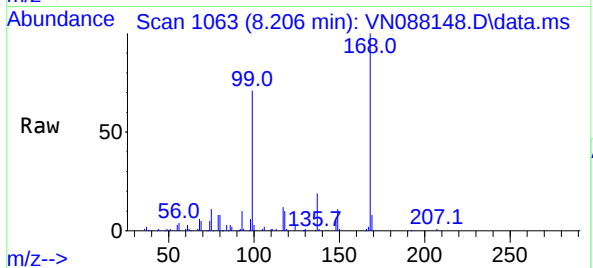




#36
1,1-Dichloropropene
Concen: 4.773 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.147 min
Lab File: VN088148.D
Acq: 29 Oct 2025 10:45

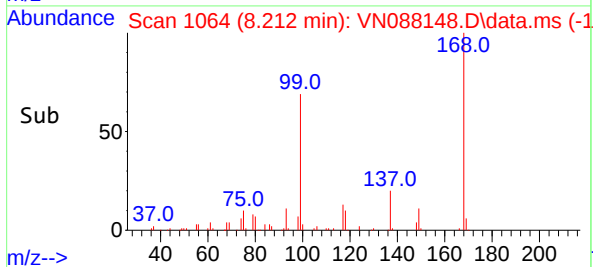
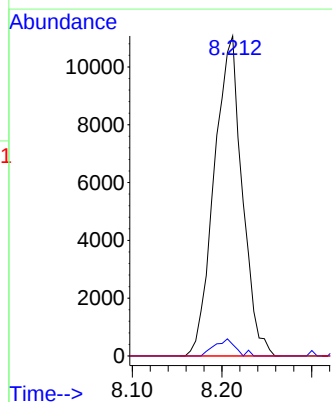
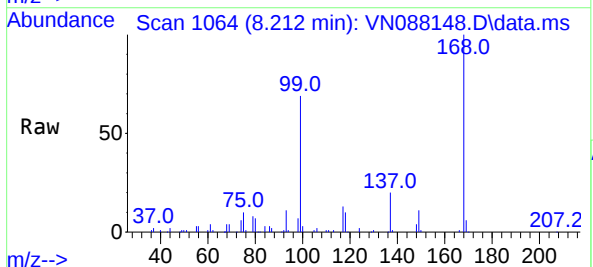
Instrument :
MSVOA_N
ClientSampleId :
VN1029MBL01

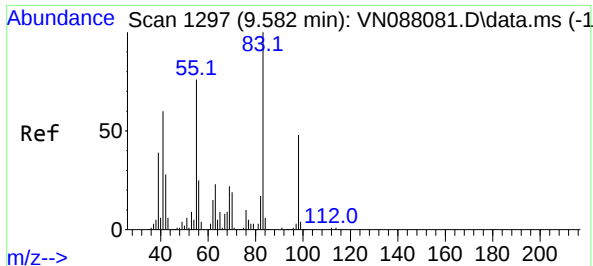
Tgt Ion: 75 Resp: 20804
Ion Ratio Lower Upper
75 100
110 10.3 15.9 47.6#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.321 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.130 min
Lab File: VN088148.D
Acq: 29 Oct 2025 10:45

Tgt Ion: 117 Resp: 23953
Ion Ratio Lower Upper
117 100
119 3.6 79.0 118.6#
121 0.0 25.0 37.6#





#39

Methylcyclohexane

Concen: 0.294 ug/l

RT: 9.582 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN088148.D

Acq: 29 Oct 2025 10:45

Instrument :

MSVOA_N

ClientSampleId :

VN1029MBL01

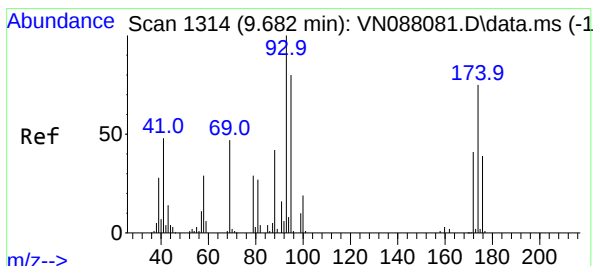
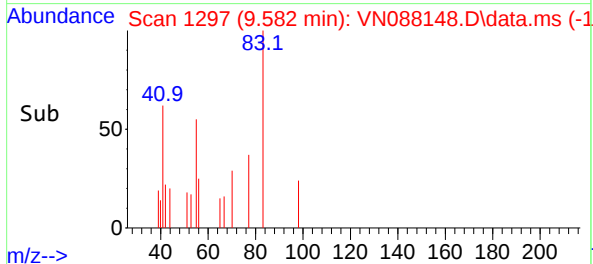
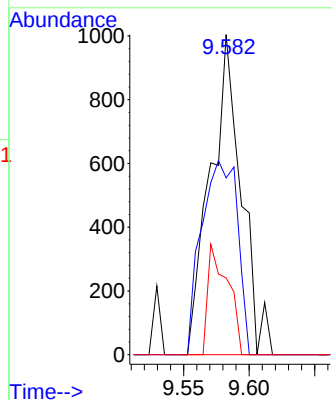
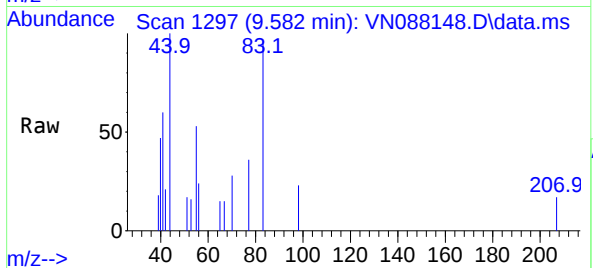
Tgt Ion: 83 Resp: 1648

Ion Ratio Lower Upper

83 100

55 55.3 64.6 96.8#

98 24.0 38.4 57.6#



#49

1,4-Dioxane

Concen: 9.954 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.012 min

Lab File: VN088148.D

Acq: 29 Oct 2025 10:45

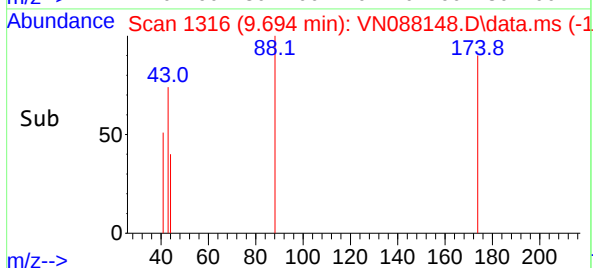
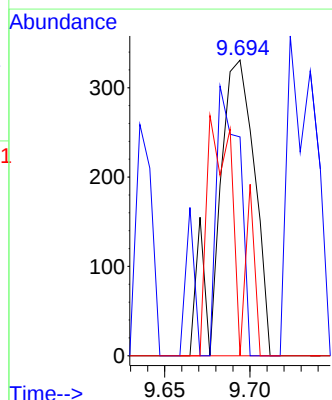
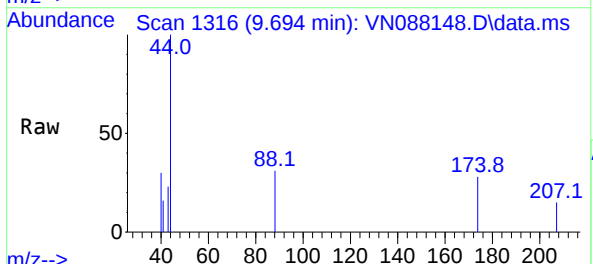
Tgt Ion: 88 Resp: 494

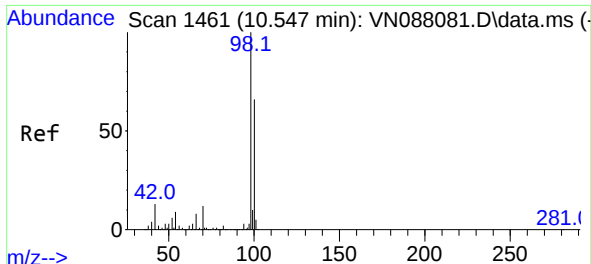
Ion Ratio Lower Upper

88 100

43 56.9 0.0 0.0#

58 65.6 57.9 86.9

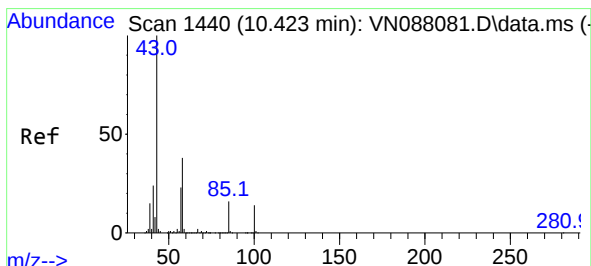
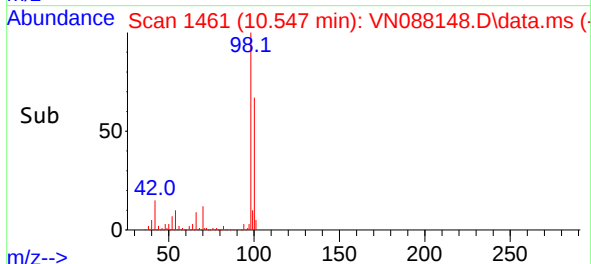
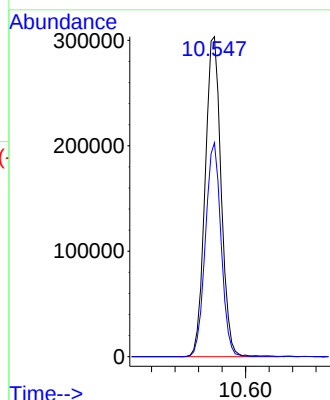
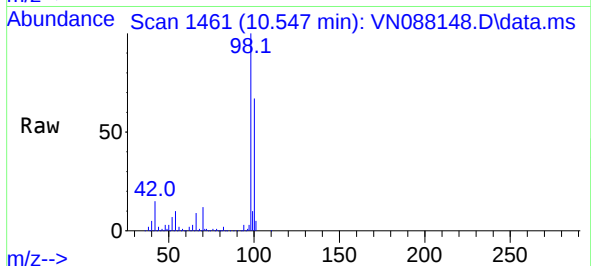




#50
Toluene-d8
Concen: 49.677 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN088148.D
Acq: 29 Oct 2025 10:45

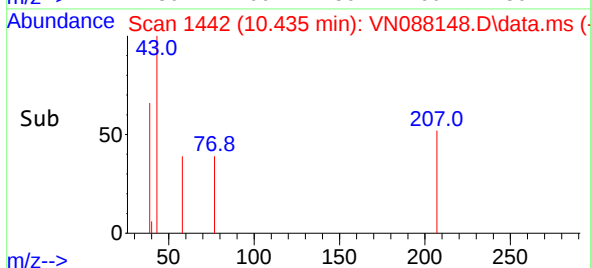
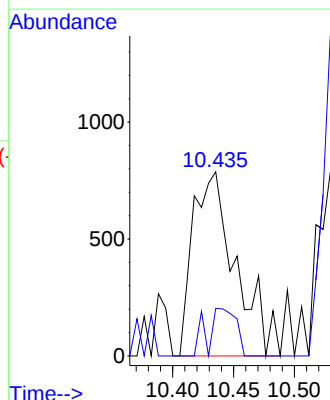
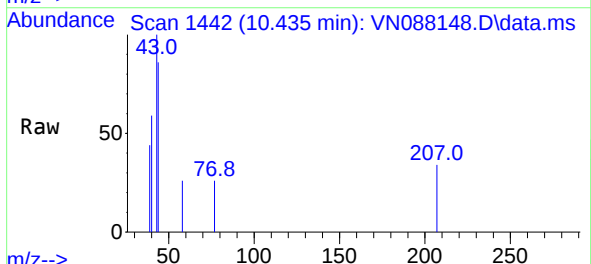
Instrument :
MSVOA_N
ClientSampleId :
VN1029MBL01

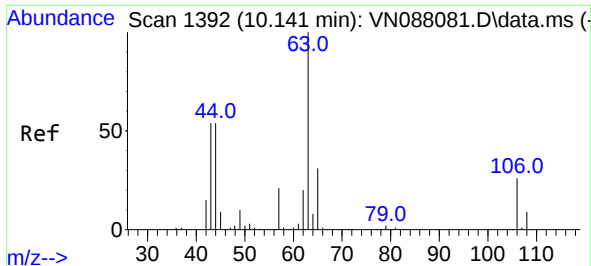
Tgt Ion: 98 Resp: 571382
Ion Ratio Lower Upper
98 100
100 65.4 52.8 79.2



#51
4-Methyl-2-Pentanone
Concen: 0.376 ug/l
RT: 10.435 min Scan# 1442
Delta R.T. 0.012 min
Lab File: VN088148.D
Acq: 29 Oct 2025 10:45

Tgt Ion: 43 Resp: 1925
Ion Ratio Lower Upper
43 100
58 17.1 29.6 44.4#

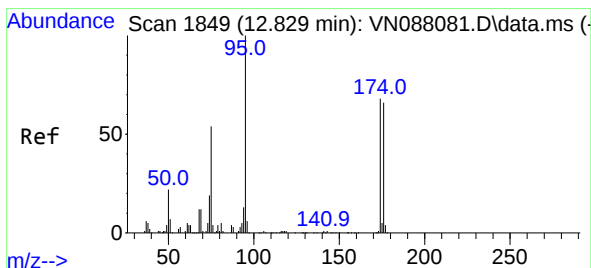
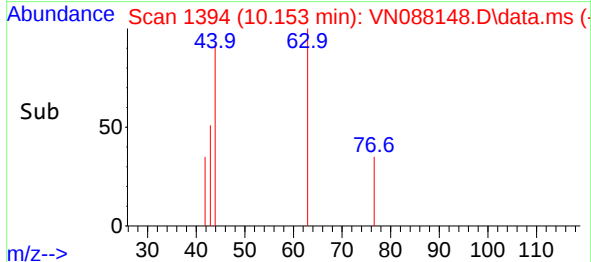
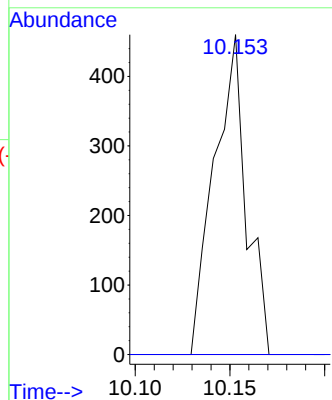
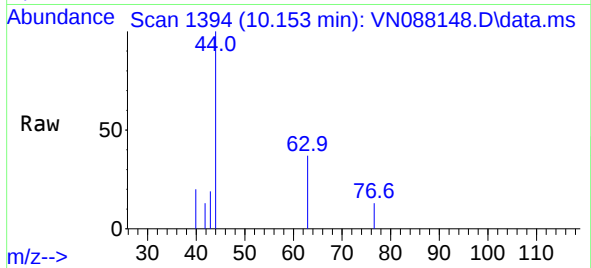




#58
2-Chloroethyl Vinyl ether
Concen: 0.212 ug/l
RT: 10.153 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN088148.D
Acq: 29 Oct 2025 10:45

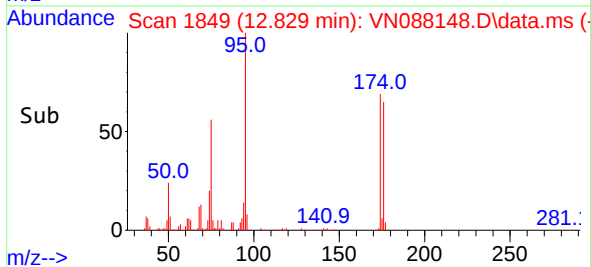
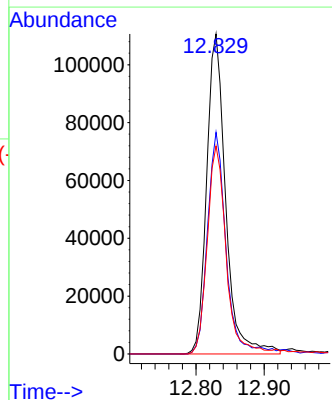
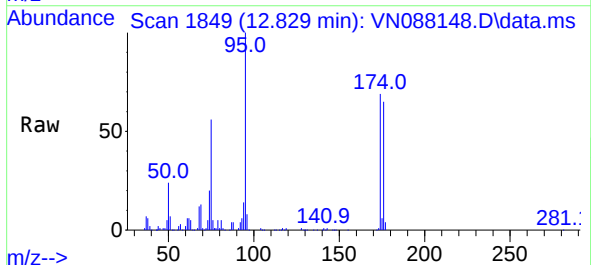
Instrument :
MSVOA_N
ClientSampleId :
VN1029MBL01

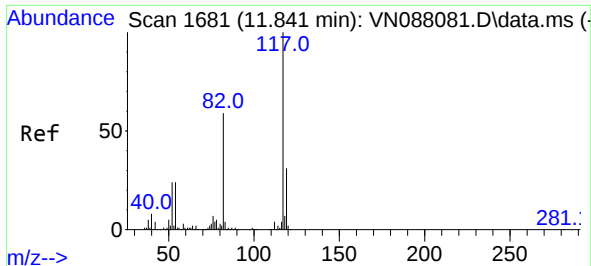
Tgt Ion: 63 Resp: 543
Ion Ratio Lower Upper
63 100
106 0.0 21.1 31.7#



#62
4-Bromofluorobenzene
Concen: 52.832 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088148.D
Acq: 29 Oct 2025 10:45

Tgt Ion: 95 Resp: 214607
Ion Ratio Lower Upper
95 100
174 67.8 0.0 138.4
176 64.0 0.0 132.6

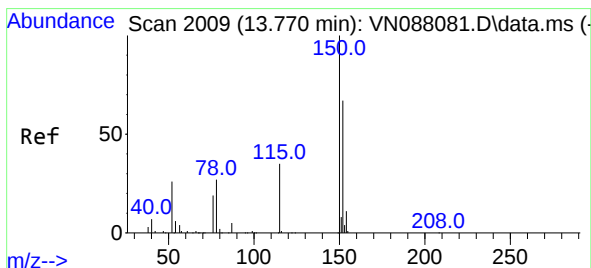
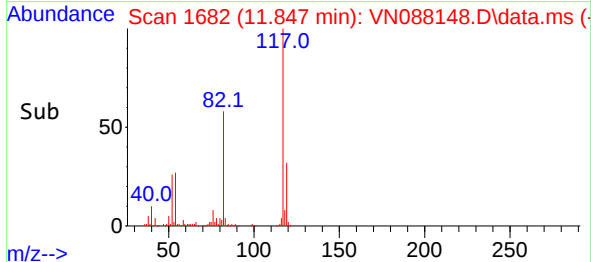
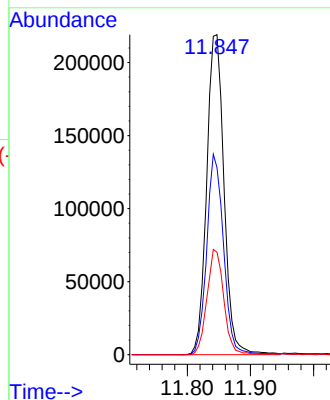
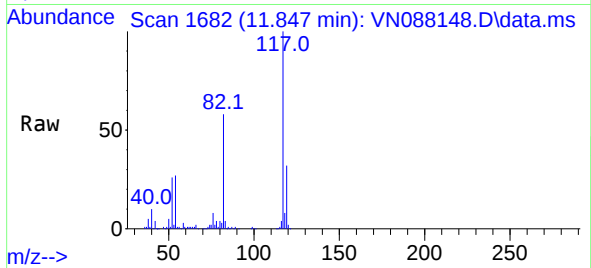




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VN088148.D
Acq: 29 Oct 2025 10:45

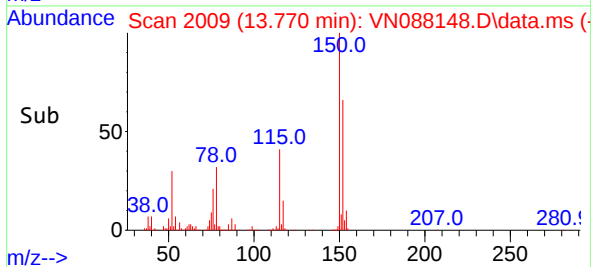
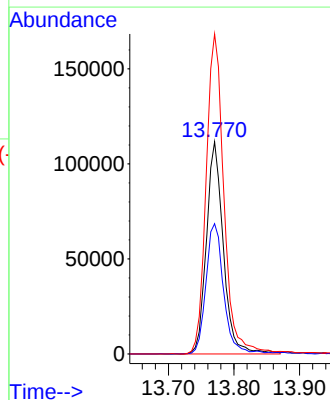
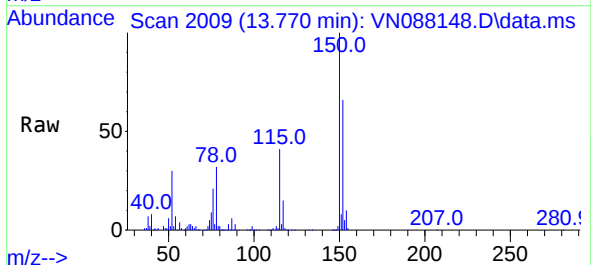
Instrument :
MSVOA_N
ClientSampleId :
VN1029MBL01

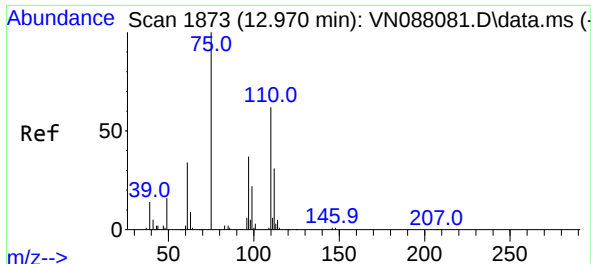
Tgt Ion:117 Resp: 417944
Ion Ratio Lower Upper
117 100
82 58.5 47.4 71.2
119 32.0 24.3 36.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN088148.D
Acq: 29 Oct 2025 10:45

Tgt Ion:152 Resp: 201385
Ion Ratio Lower Upper
152 100
115 64.2 32.3 96.8
150 157.4 0.0 351.0

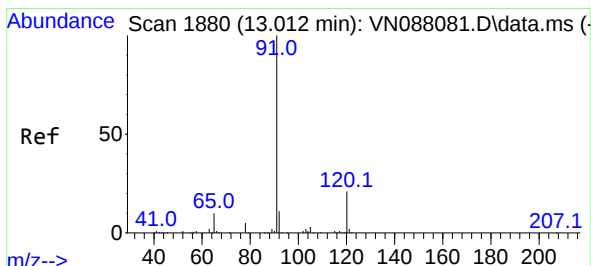
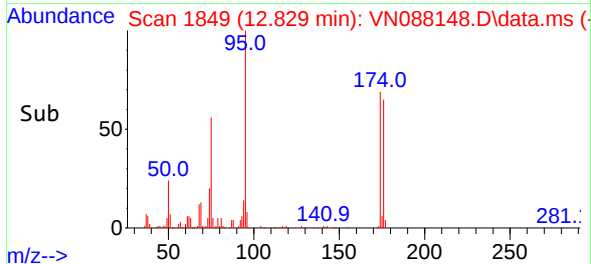
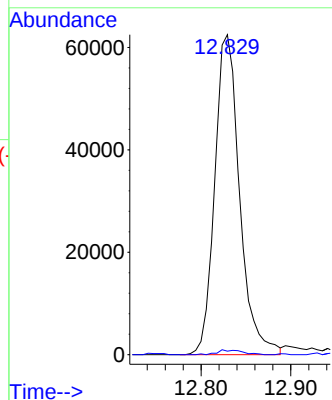
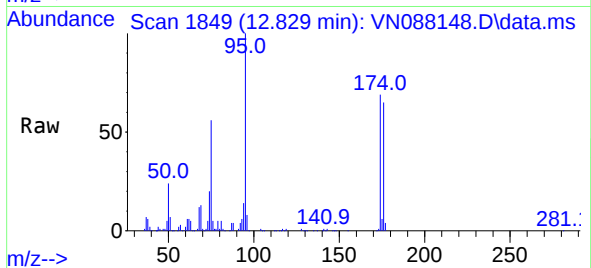




#76
1,2,3-Trichloropropane
Concen: 26.119 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.141 min
Lab File: VN088148.D
Acq: 29 Oct 2025 10:45

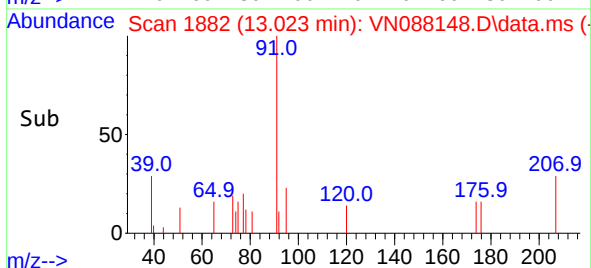
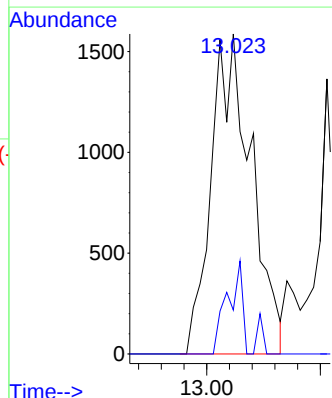
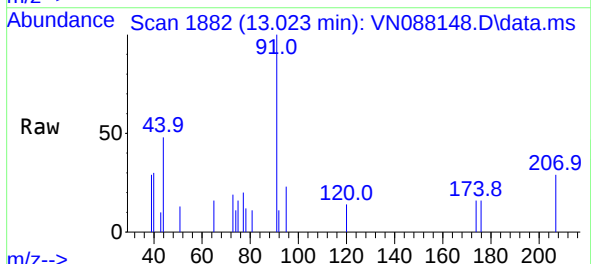
Instrument :
MSVOA_N
ClientSampleId :
VN1029MBL01

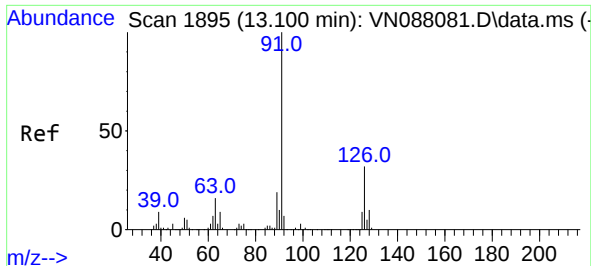
Tgt Ion: 75 Resp: 120259
Ion Ratio Lower Upper
75 100
77 1.5 89.1 267.4#



#78
n-propylbenzene
Concen: 0.204 ug/l
RT: 13.023 min Scan# 1882
Delta R.T. 0.011 min
Lab File: VN088148.D
Acq: 29 Oct 2025 10:45

Tgt Ion: 91 Resp: 3858
Ion Ratio Lower Upper
91 100
120 10.9 10.7 32.1

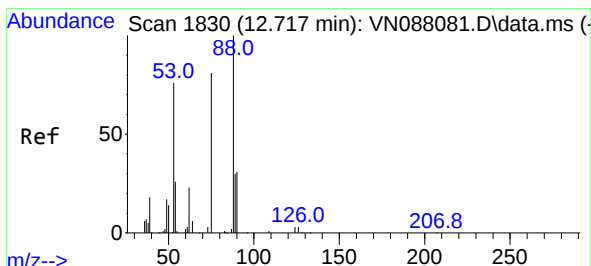
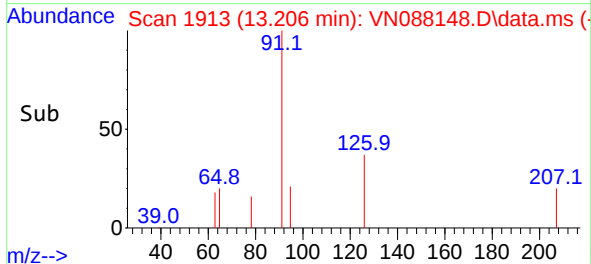
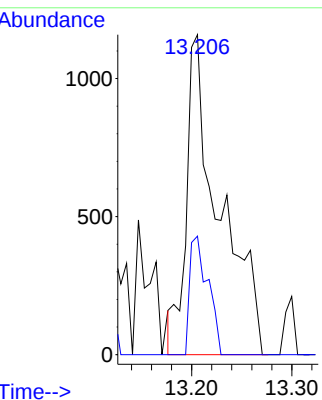
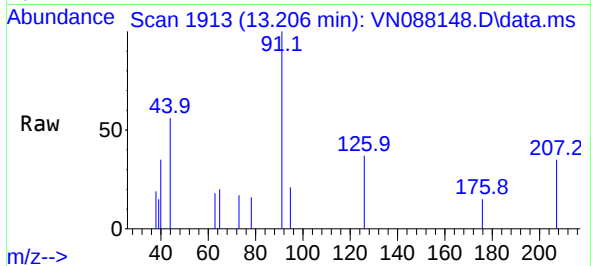




#79
2-Chlorotoluene
Concen: 0.245 ug/l
RT: 13.206 min Scan# 1895
Delta R.T. 0.106 min
Lab File: VN088148.D
Acq: 29 Oct 2025 10:45

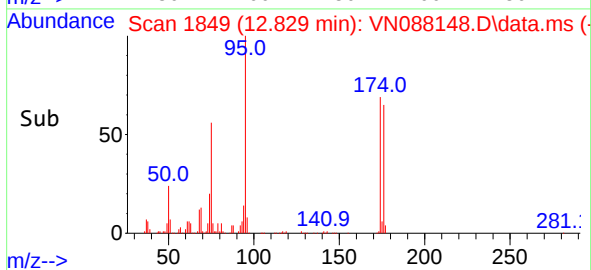
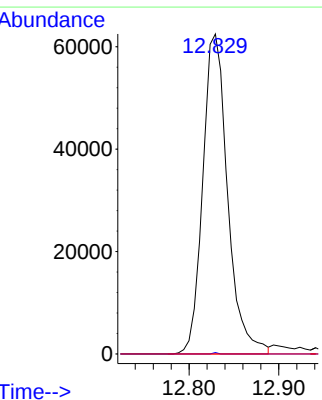
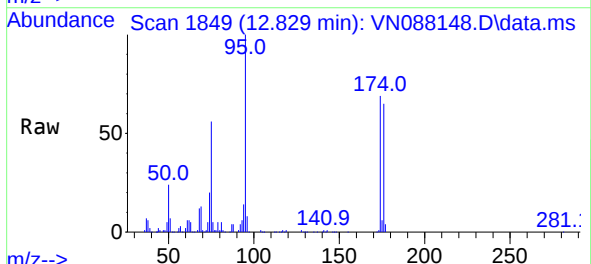
Instrument :
MSVOA_N
ClientSampleId :
VN1029MBL01

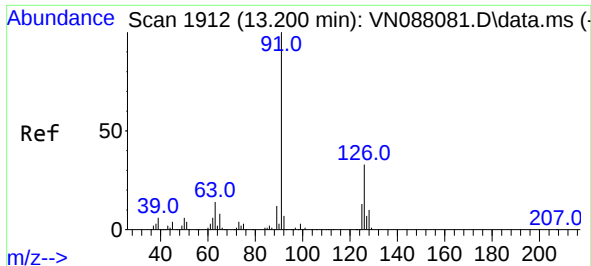
Tgt Ion: 91 Resp: 2643
Ion Ratio Lower Upper
91 100
126 20.4 16.1 48.3



#81
trans-1,4-Dichloro-2-butene
Concen: 72.860 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.112 min
Lab File: VN088148.D
Acq: 29 Oct 2025 10:45

Tgt Ion: 75 Resp: 120259
Ion Ratio Lower Upper
75 100
53 0.1 101.8 152.6#
89 0.0 35.6 53.4#

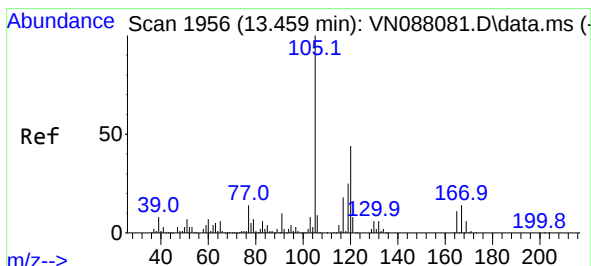
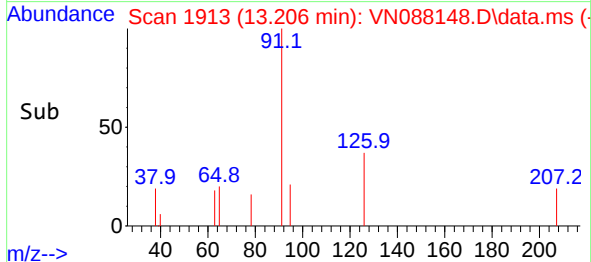
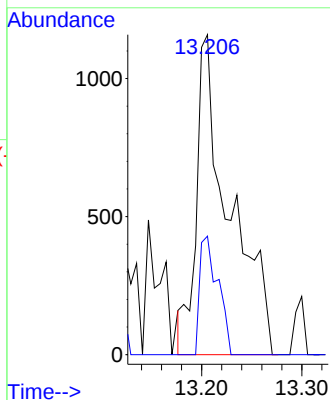
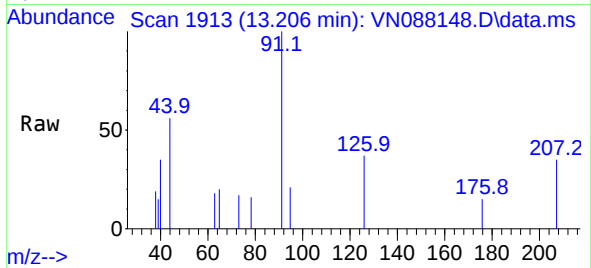




#82
4-Chlorotoluene
Concen: 0.226 ug/l
RT: 13.206 min Scan# 1912
Delta R.T. 0.006 min
Lab File: VN088148.D
Acq: 29 Oct 2025 10:45

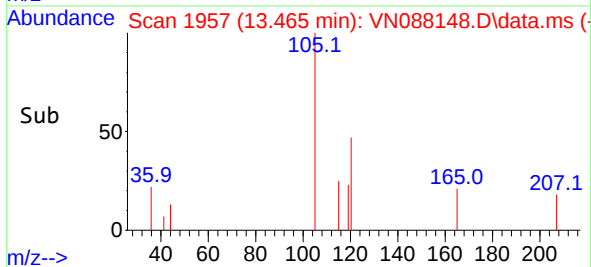
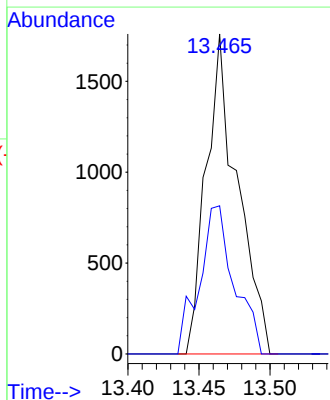
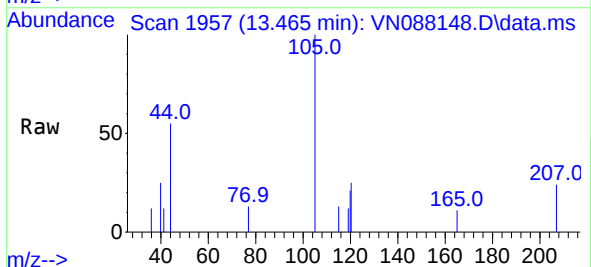
Instrument :
MSVOA_N
ClientSampleId :
VN1029MBL01

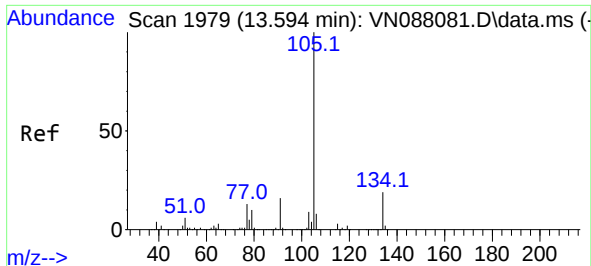
Tgt Ion: 91 Resp: 2643
Ion Ratio Lower Upper
91 100
126 20.4 15.6 46.8



#84
1,2,4-Trimethylbenzene
Concen: 0.209 ug/l
RT: 13.465 min Scan# 1957
Delta R.T. 0.006 min
Lab File: VN088148.D
Acq: 29 Oct 2025 10:45

Tgt Ion: 105 Resp: 2701
Ion Ratio Lower Upper
105 100
120 51.6 22.0 66.0

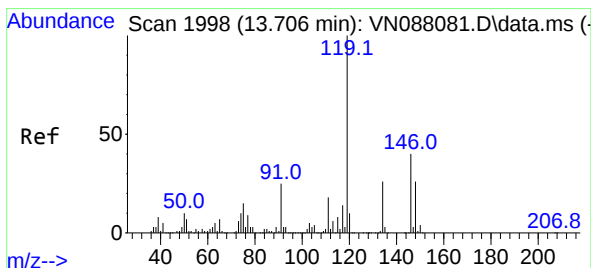
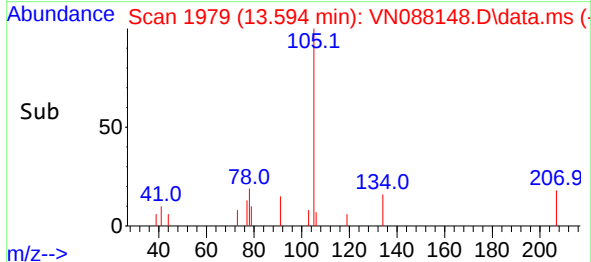
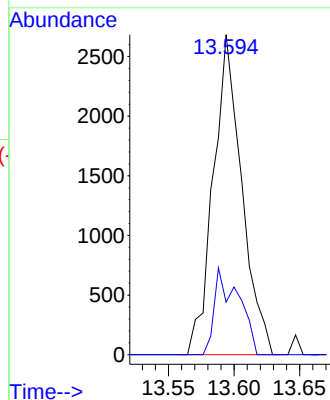
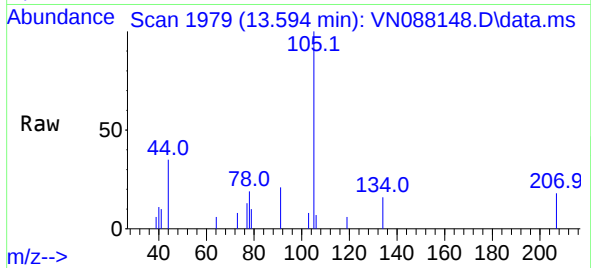




#85
sec-Butylbenzene
Concen: 0.240 ug/l
RT: 13.594 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VN088148.D
Acq: 29 Oct 2025 10:45

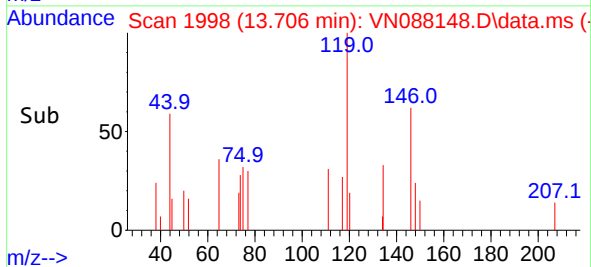
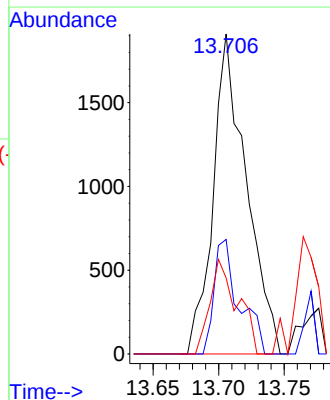
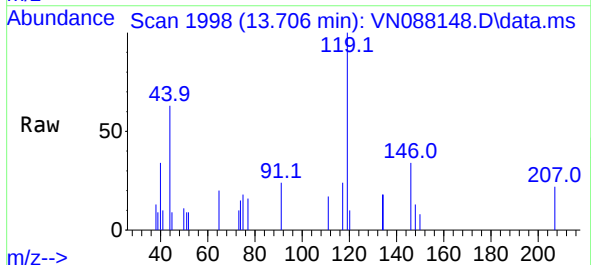
Instrument :
MSVOA_N
ClientSampleId :
VN1029MBL01

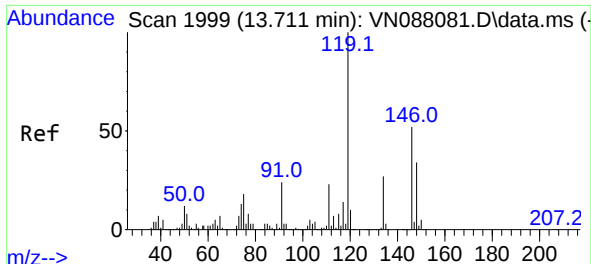
Tgt Ion:105 Resp: 4060
Ion Ratio Lower Upper
105 100
134 22.9 9.6 28.6



#86
p-Isopropyltoluene
Concen: 0.247 ug/l
RT: 13.706 min Scan# 1998
Delta R.T. -0.000 min
Lab File: VN088148.D
Acq: 29 Oct 2025 10:45

Tgt Ion:119 Resp: 3356
Ion Ratio Lower Upper
119 100
134 27.1 12.7 38.0
91 24.6 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 0.301 ug/l

RT: 13.723 min Scan# 2001

Delta R.T. 0.012 min

Lab File: VN088148.D

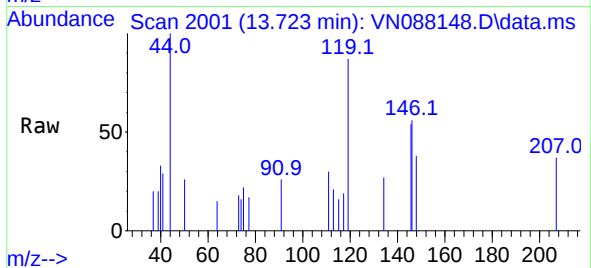
Acq: 29 Oct 2025 10:45

Instrument :

MSVOA_N

ClientSampleId :

VN1029MBL01



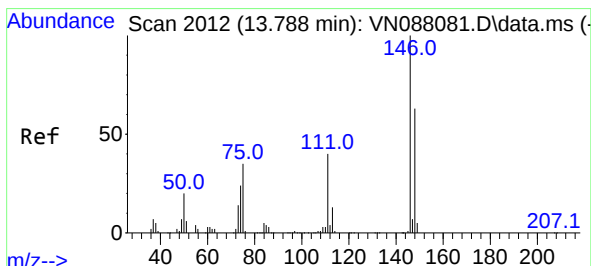
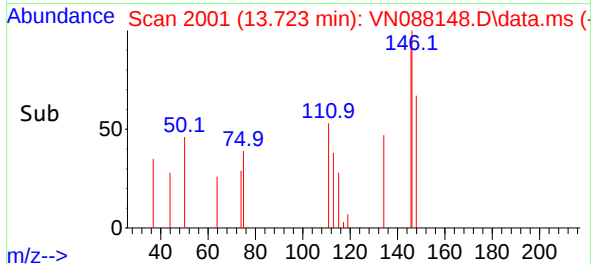
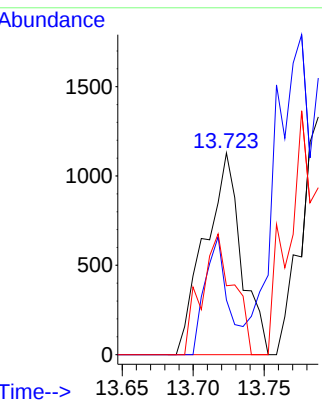
Tgt Ion:146 Resp: 2014

Ion Ratio Lower Upper

146 100

111 37.2 22.1 66.5

148 51.9 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 0.280 ug/l

RT: 13.723 min Scan# 2001

Delta R.T. -0.065 min

Lab File: VN088148.D

Acq: 29 Oct 2025 10:45

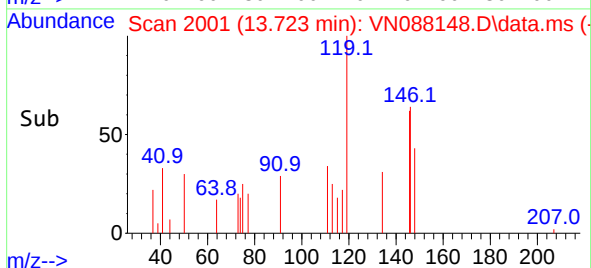
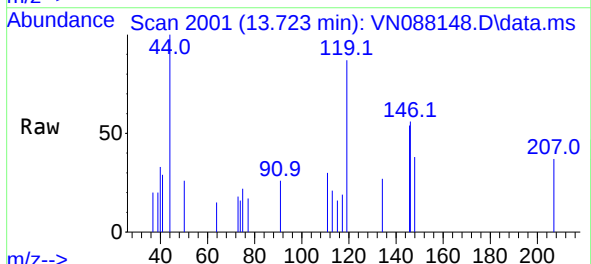
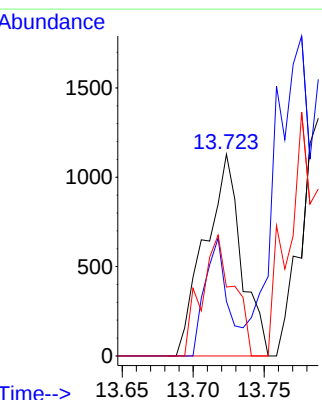
Tgt Ion:146 Resp: 2014

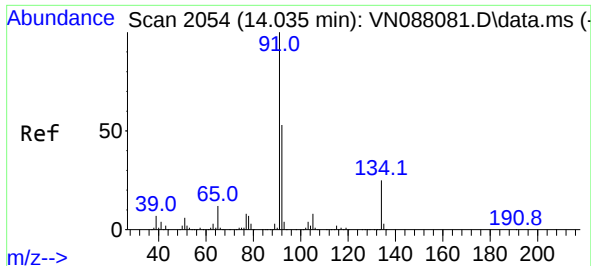
Ion Ratio Lower Upper

146 100

111 37.2 21.0 63.0

148 51.9 32.0 96.0





#89

n-Butylbenzene

Concen: 0.311 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. 0.006 min

Lab File: VN088148.D

Acq: 29 Oct 2025 10:45

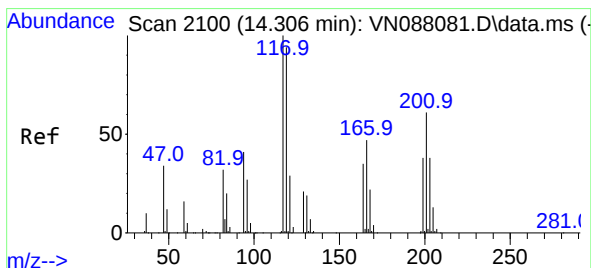
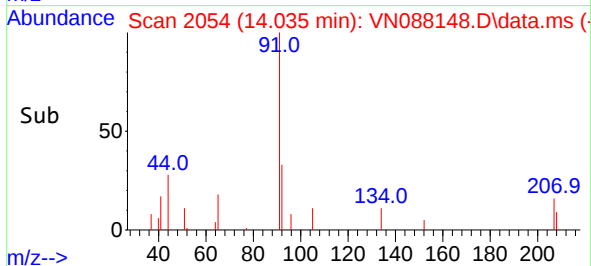
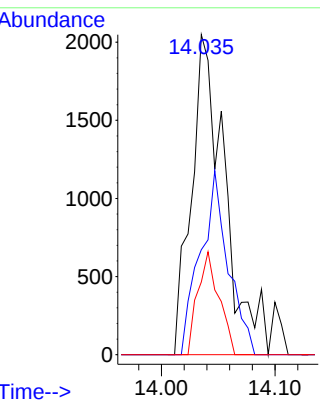
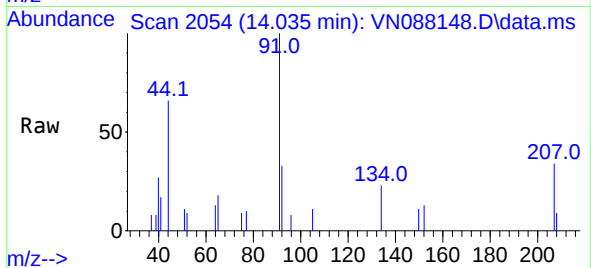
Instrument :

MSVOA_N

ClientSampleId :

VN1029MBL01

Tgt Ion:	91	Resp:	4184
Ion	Ratio	Lower	Upper
91	100		
92	48.1	25.9	77.8
134	20.4	11.7	35.0



#90

Hexachloroethane

Concen: 0.203 ug/l

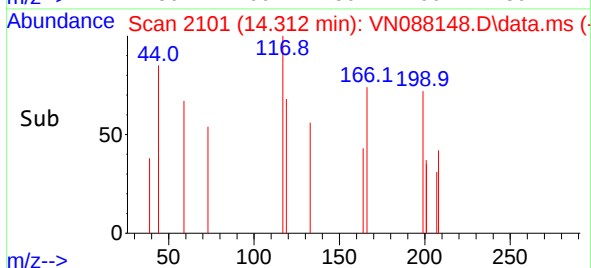
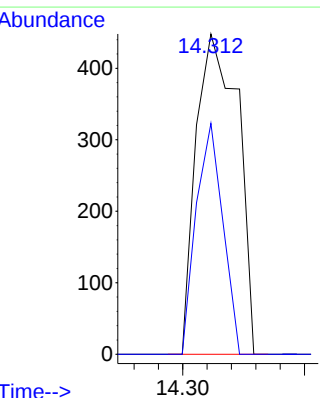
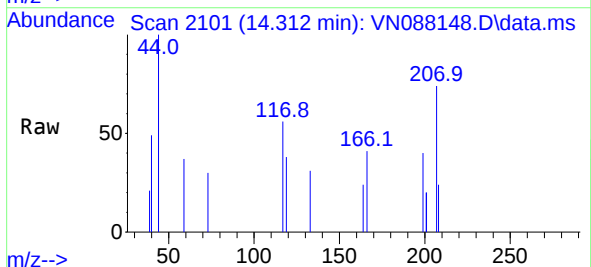
RT: 14.312 min Scan# 2101

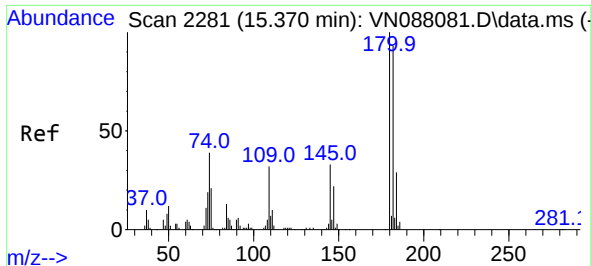
Delta R.T. -0.000 min

Lab File: VN088148.D

Acq: 29 Oct 2025 10:45

Tgt Ion:	117	Resp:	534
Ion	Ratio	Lower	Upper
117	100		
201	45.9	29.1	87.4

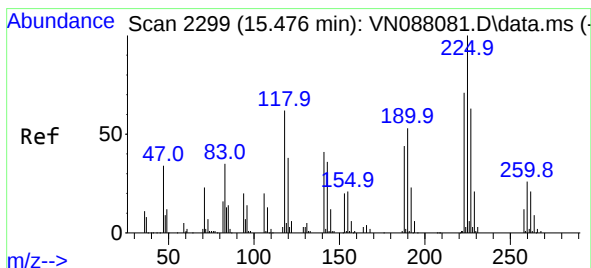
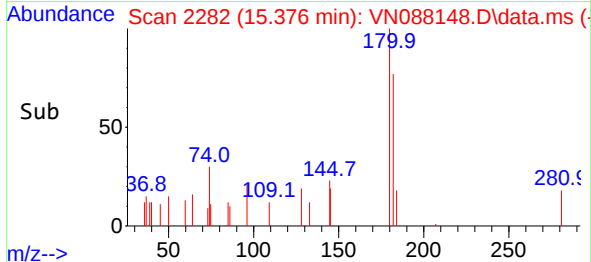
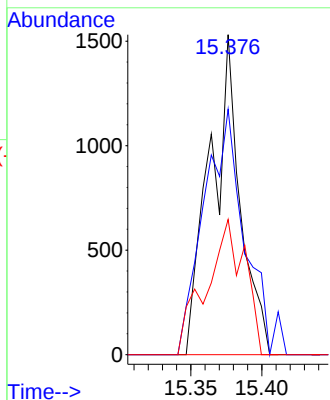
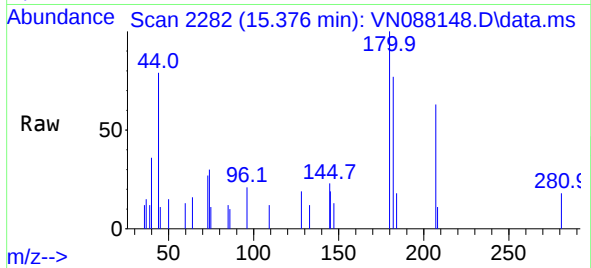




#93
1,2,4-Trichlorobenzene
Concen: 0.579 ug/l
RT: 15.376 min Scan# 21
Delta R.T. 0.012 min
Lab File: VN088148.D
Acq: 29 Oct 2025 10:45

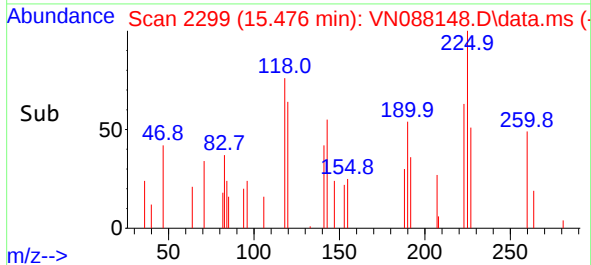
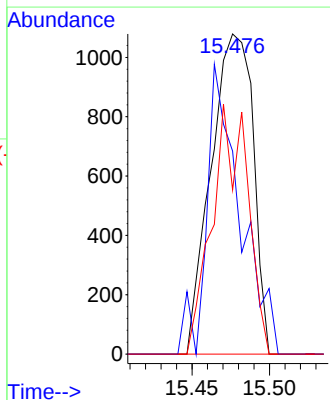
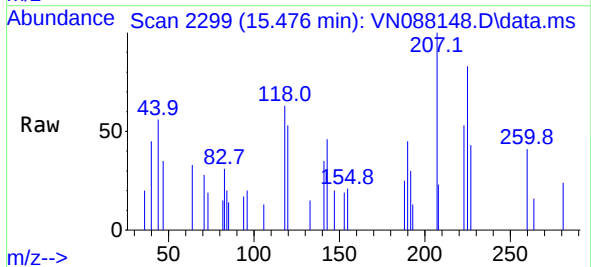
Instrument :
MSVOA_N
ClientSampleId :
VN1029MBL01

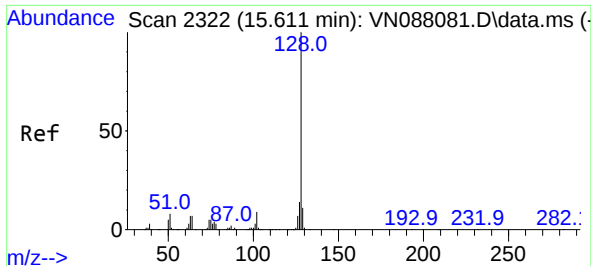
Tgt Ion:180 Resp: 2262
Ion Ratio Lower Upper
180 100
182 103.9 47.6 142.9
145 54.0 16.5 49.5#



#94
Hexachlorobutadiene
Concen: 1.403 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. -0.000 min
Lab File: VN088148.D
Acq: 29 Oct 2025 10:45

Tgt Ion:225 Resp: 2039
Ion Ratio Lower Upper
225 100
223 72.3 32.0 96.2
227 65.7 32.1 96.5

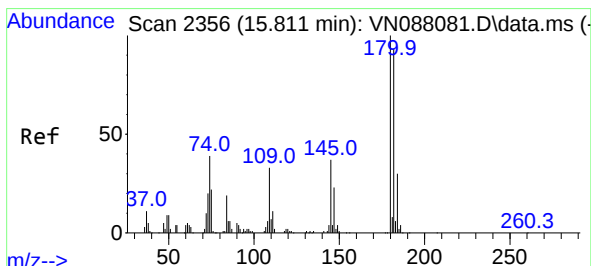
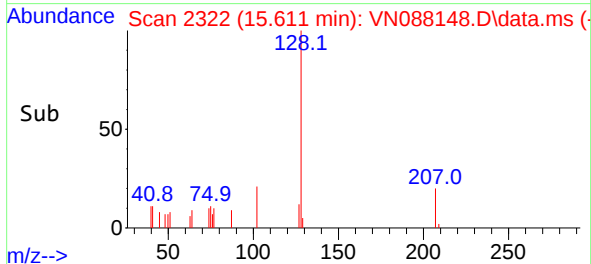
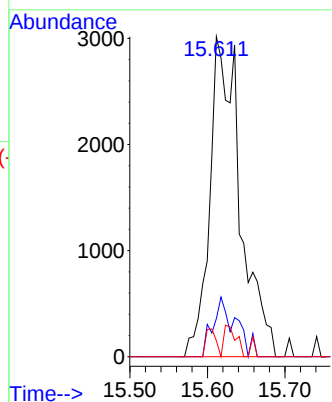
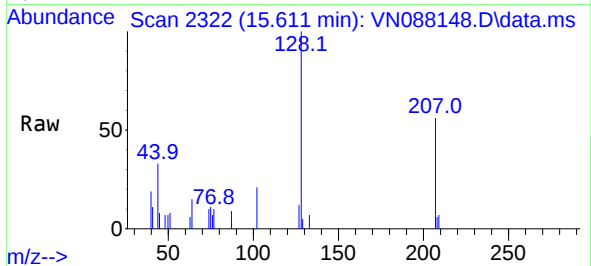




#95
Naphthalene
Concen: 0.614 ug/l
RT: 15.611 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN088148.D
Acq: 29 Oct 2025 10:45

Instrument :
MSVOA_N
ClientSampleId :
VN1029MBL01

Tgt Ion:128 Resp: 8212
Ion Ratio Lower Upper
128 100
127 9.0 10.6 15.8#
129 4.0 8.6 12.8#



#96
1,2,3-Trichlorobenzene
Concen: 0.738 ug/l
RT: 15.817 min Scan# 2357
Delta R.T. 0.006 min
Lab File: VN088148.D
Acq: 29 Oct 2025 10:45

Tgt Ion:180 Resp: 2761
Ion Ratio Lower Upper
180 100
182 107.9 46.8 140.3
145 40.8 17.3 52.0

