

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110824\
 Data File : VN084744.D
 Acq On : 08 Nov 2024 12:55
 Operator : JC\MD
 Sample : P4719-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BAYAVE-STOCKPILE

Quant Time: Nov 08 13:50:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	161998	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	280713	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	260207	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	115085	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	113665	48.579	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.160%
35) Dibromofluoromethane	8.159	113	92147	48.496	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.000%
50) Toluene-d8	10.565	98	337339	48.196	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.400%
62) 4-Bromofluorobenzene	12.847	95	126857	48.495	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.000%

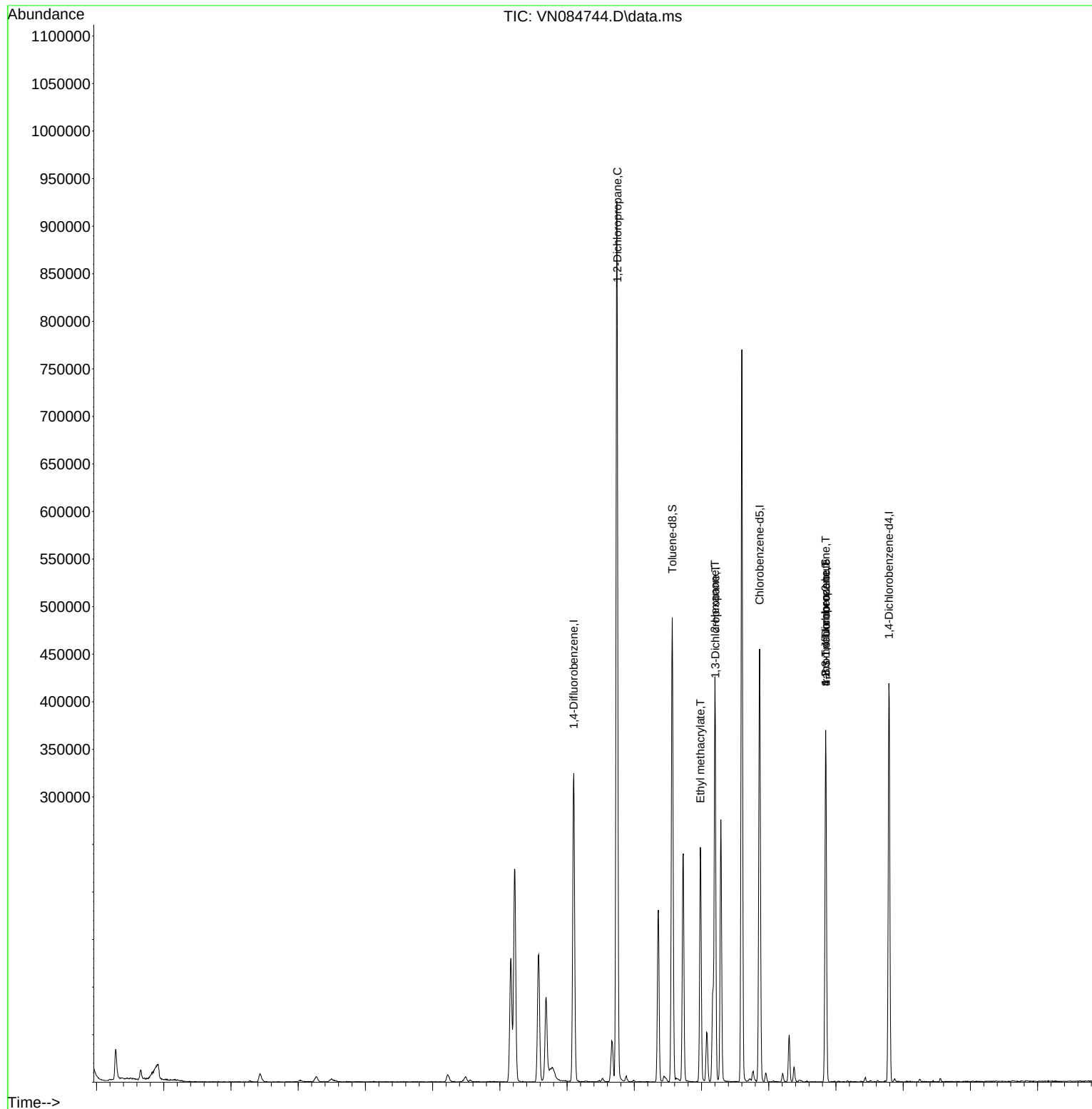
Target Compounds				Qvalue		
3) Chloromethane	2.359	50	542	Below Cal	#	41
6) Chloroethane	3.118	64	400	Below Cal	#	45
11) Tert butyl alcohol	5.494	59	2183	7.068	ug/l #	73
16) Acetone	4.430	43	16364	21.605	ug/l	95
18) Methyl Acetate	5.024	43	4055	Below Cal	#	69
20) Methylene Chloride	5.271	84	4525	2.199	ug/l	87
25) 2-Butanone	7.488	43	9488	8.692	ug/l	100
29) Tetrahydrofuran	7.835	42	303	0.418	ug/l #	34
31) Cyclohexane	8.218	56	3233	1.001	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	13757	5.220	ug/l #	49
37) Ethyl Acetate	7.565	43	2722	1.138	ug/l #	89
38) Carbon Tetrachloride	8.224	117	17639	5.989	ug/l #	15
42) 1,2-Dichloroethane	8.671	62	759	0.277	ug/l #	75
43) Isopropyl Acetate	8.688	43	107491	23.831	ug/l #	89
45) 1,2-Dichloropropane	9.747	63	1268	0.639	ug/l #	44
48) Methyl methacrylate	9.665	41	3409	1.832	ug/l #	43
51) 4-Methyl-2-Pentanone	10.447	43	3802	1.668	ug/l	96
54) cis-1,3-Dichloropropene	10.359	75	33946	10.493	ug/l #	61
56) Ethyl methacrylate	10.982	69	1129	0.419	ug/l #	1
57) 1,3-Dichloropropane	11.206	76	4414	1.379	ug/l #	42
59) 2-Hexanone	11.200	43	51799	31.223	ug/l #	61
74) N-amyl acetate	12.453	43	2080	0.606	ug/l #	42
76) 1,2,3-Trichloropropane	12.847	75	65830	28.616	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	65830	67.888	ug/l #	11
88) 1,4-Dichlorobenzene	13.811	146	595	Below Cal	#	24

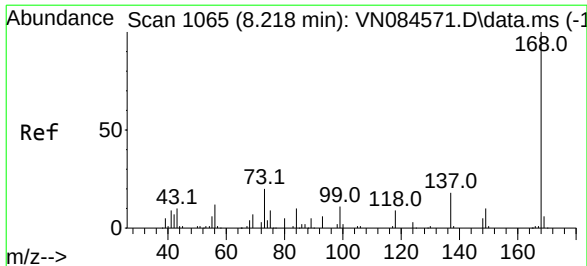
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110824\
Data File : VN084744.D
Acq On : 08 Nov 2024 12:55
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Sample : P4719-03
Misc : 5.0mL/MSVOA_N/WATER
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Instrument :
MSVOA_N
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BAYAVE-STOCKPILE

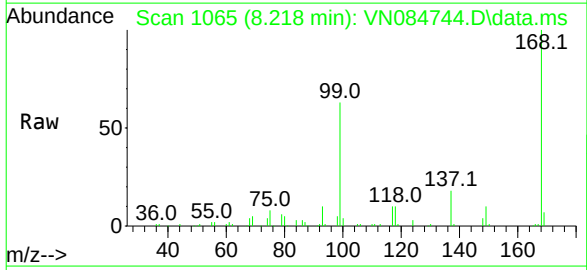
Quant Time: Nov 08 13:50:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 18:45:38 2024
Response via : Initial Calibration



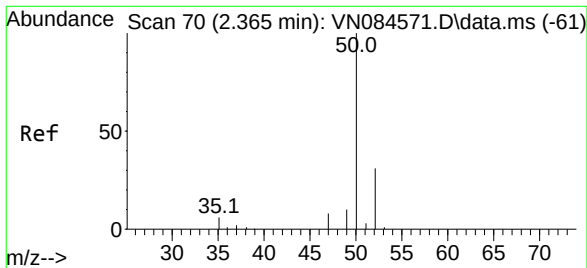
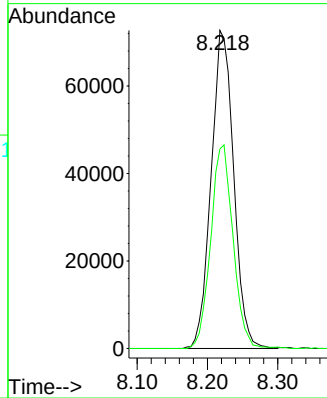
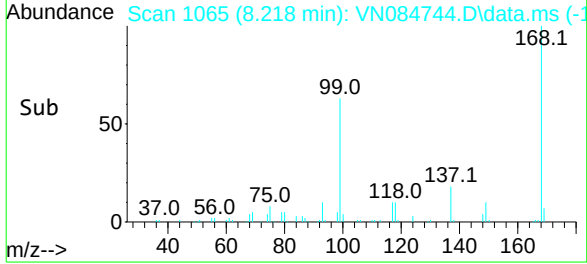


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN084744.D
Acq: 08 Nov 2024 12:55

Instrument :
MSVOA_N
ClientSampleId :
BAYAVE-STOCKPILE

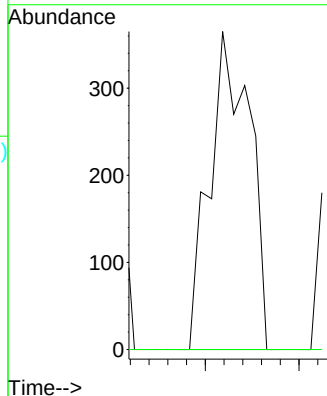
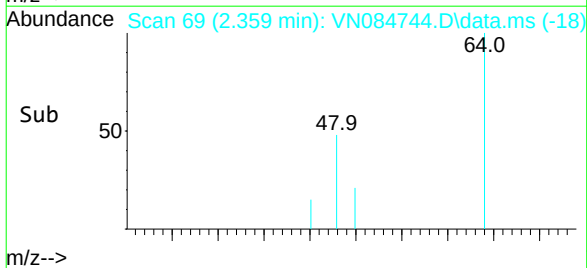
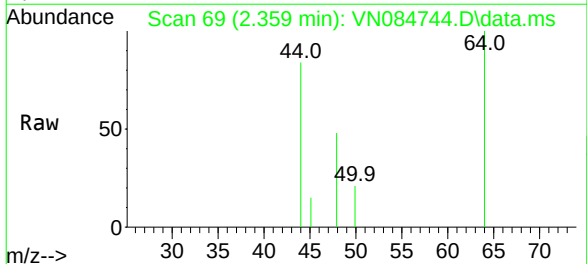


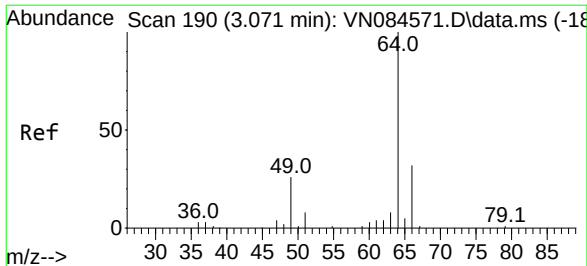
Tgt Ion:168 Resp: 161998
Ion Ratio Lower Upper
168 100
99 62.7 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084744.D
Acq: 08 Nov 2024 12:55

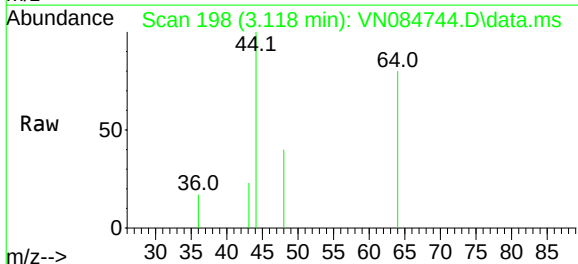
Tgt Ion: 50 Resp: 542
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#



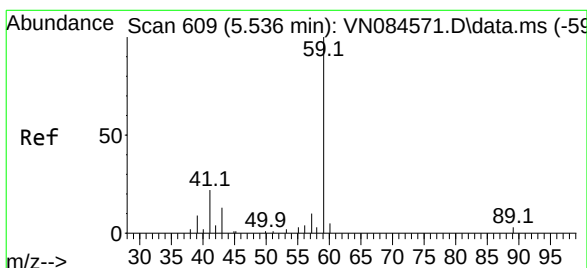
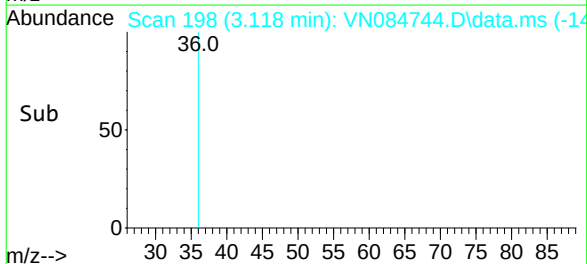
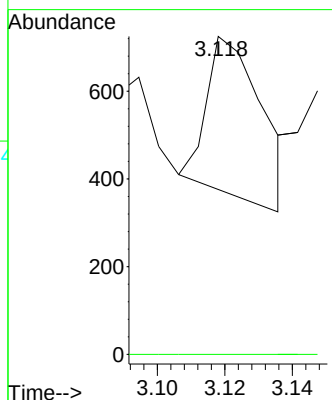


#6
Chloroethane
Concen: Below Cal
RT: 3.118 min Scan# 19
Delta R.T. 0.000 min
Lab File: VN084744.D
Acq: 08 Nov 2024 12:55

Instrument :
MSVOA_N
ClientSampleId :
BAYAVE-STOCKPILE

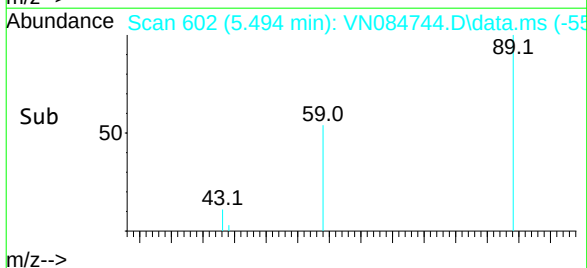
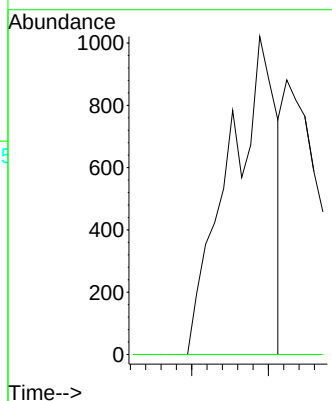
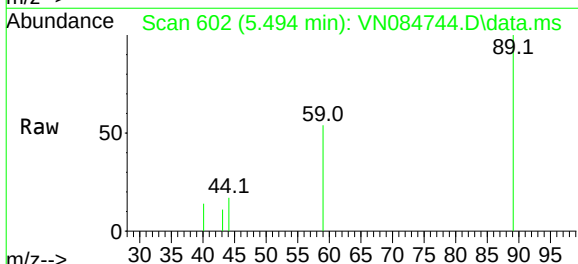


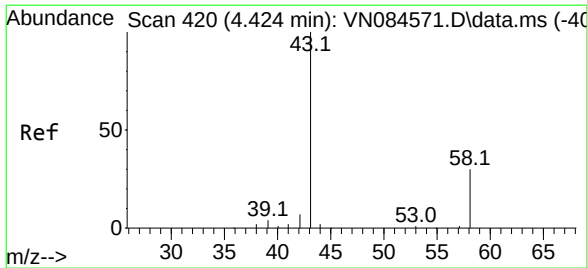
Tgt Ion: 64 Resp: 400
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



#11
Tert butyl alcohol
Concen: 7.068 ug/l
RT: 5.494 min Scan# 602
Delta R.T. -0.030 min
Lab File: VN084744.D
Acq: 08 Nov 2024 12:55

Tgt Ion: 59 Resp: 2183
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

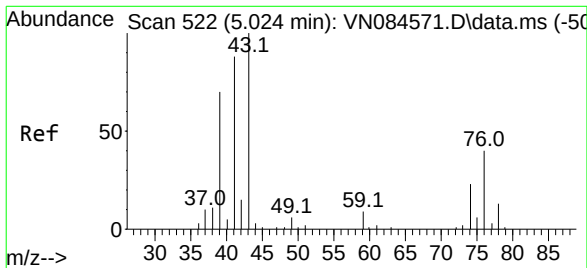
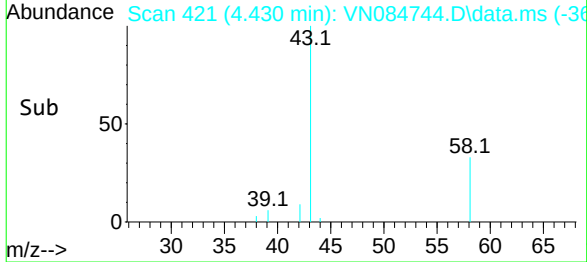
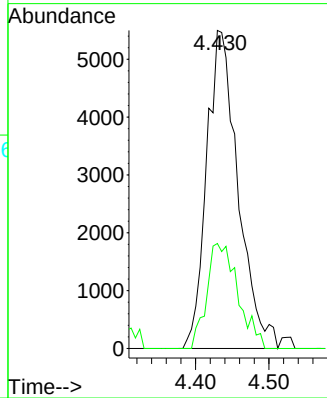
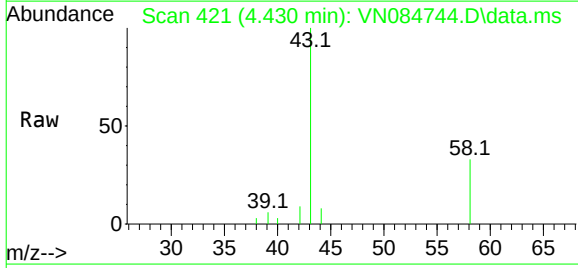




#16
Acetone
Concen: 21.605 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN084744.D
Acq: 08 Nov 2024 12:55

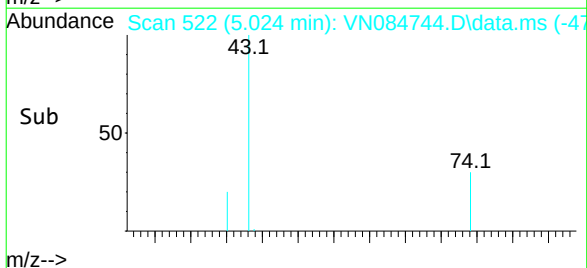
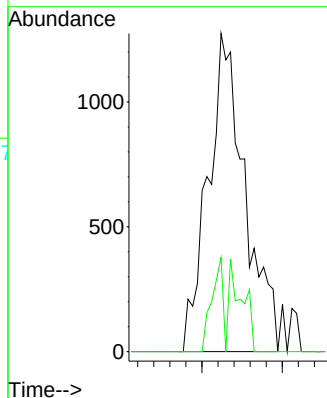
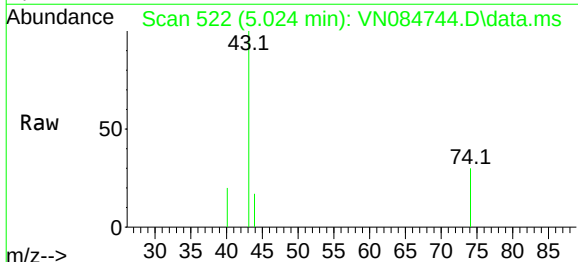
Instrument :
MSVOA_N
ClientSampleId :
BAYAVE-STOCKPILE

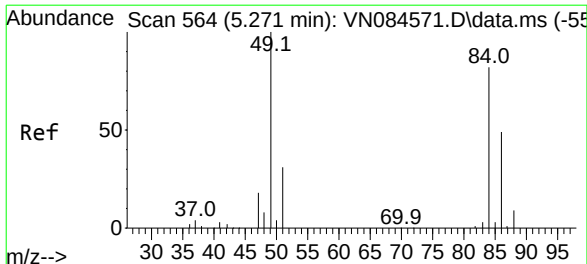
Tgt Ion: 43 Resp: 16364
Ion Ratio Lower Upper
43 100
58 33.0 24.4 36.6



#18
Methyl Acetate
Concen: Below Cal
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN084744.D
Acq: 08 Nov 2024 12:55

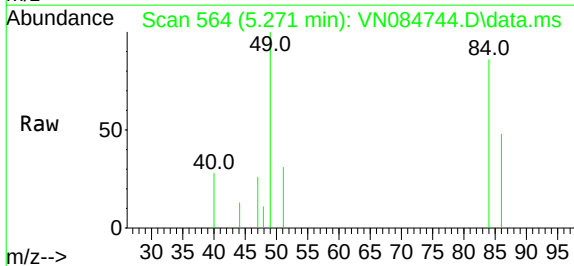
Tgt Ion: 43 Resp: 4055
Ion Ratio Lower Upper
43 100
74 8.9 19.2 28.8#



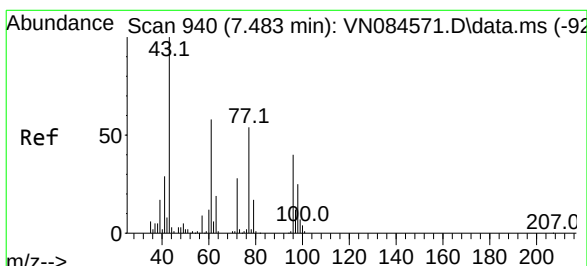
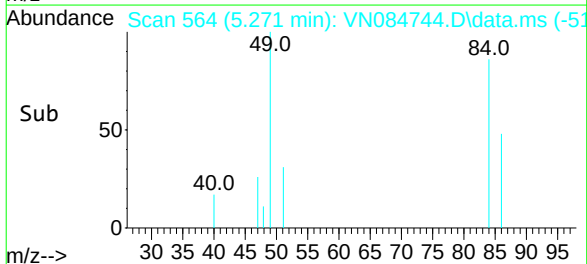
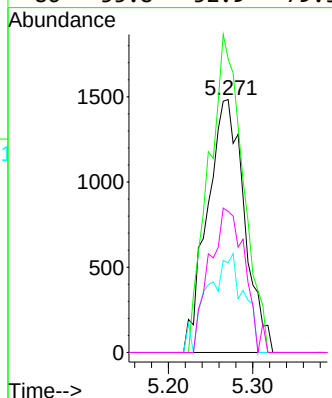


#20
Methylene Chloride
Concen: 2.199 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN084744.D
Acq: 08 Nov 2024 12:55

Instrument :
MSVOA_N
ClientSampleId :
BAYAVE-STOCKPILE

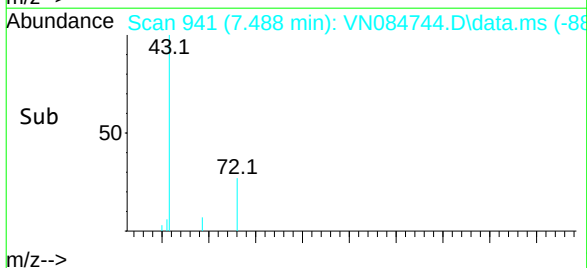
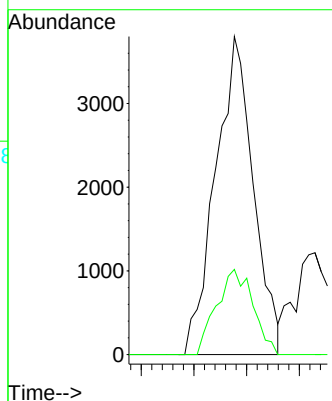
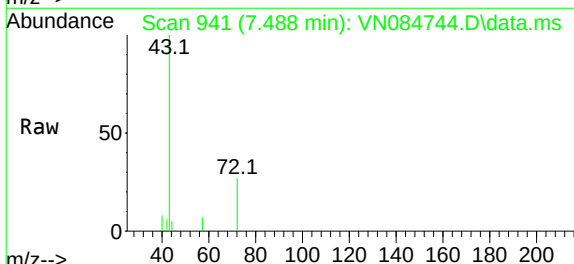


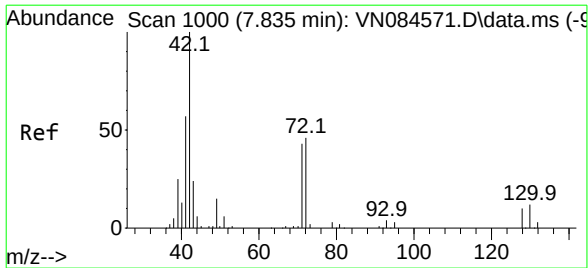
Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.0	107.2	160.8
51	35.5	31.8	47.8
86	55.8	52.9	79.3



#25
2-Butanone
Concen: 8.692 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN084744.D
Acq: 08 Nov 2024 12:55

Tgt Ion	Ratio	Lower	Upper
43	100		
72	26.8	21.4	32.2

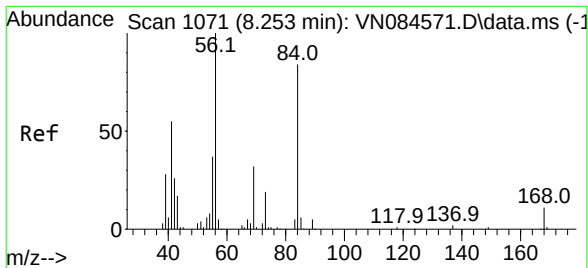
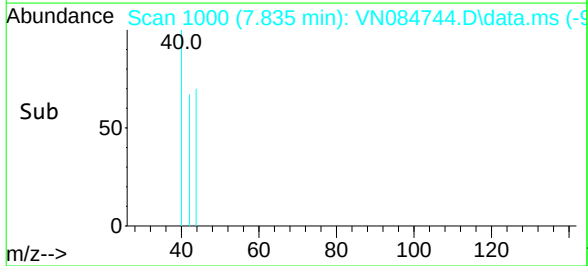
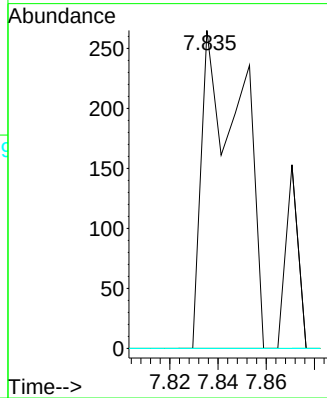
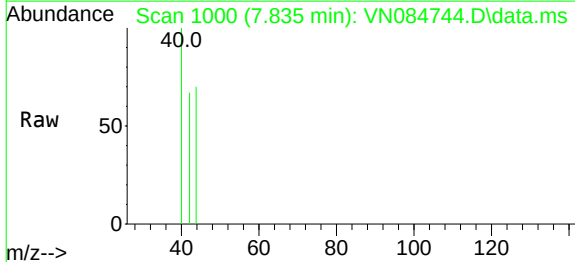




#29
Tetrahydrofuran
Concen: 0.418 ug/l
RT: 7.835 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN084744.D
Acq: 08 Nov 2024 12:55

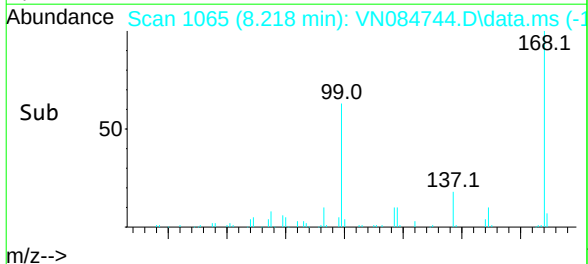
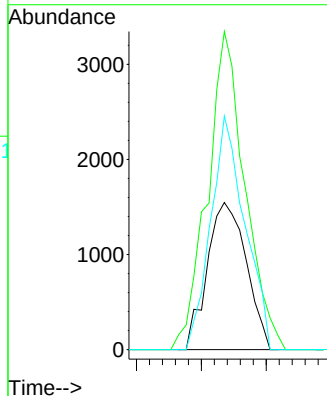
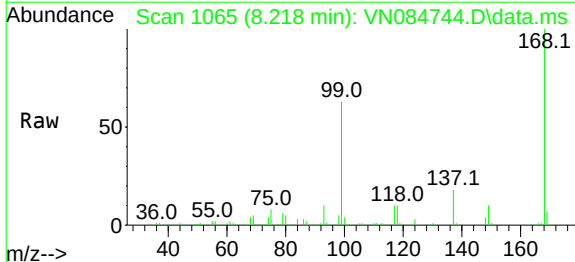
Instrument :
MSVOA_N
ClientSampleId :
BAYAVE-STOCKPILE

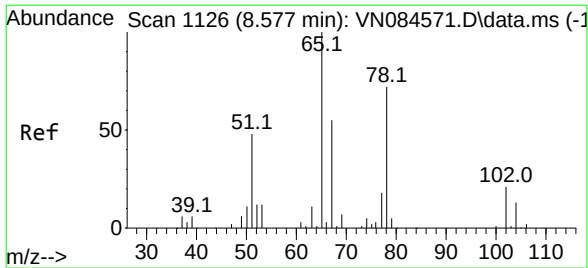
Tgt Ion: 42	Resp: 303
Ion Ratio	Lower Upper
42 100	
72 0.0	34.6 51.8#
71 0.0	32.2 48.4#



#31
Cyclohexane
Concen: 1.001 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN084744.D
Acq: 08 Nov 2024 12:55

Tgt Ion: 56	Resp: 3233
Ion Ratio	Lower Upper
56 100	
69 206.4	23.8 35.6#
84 158.8	68.8 103.2#

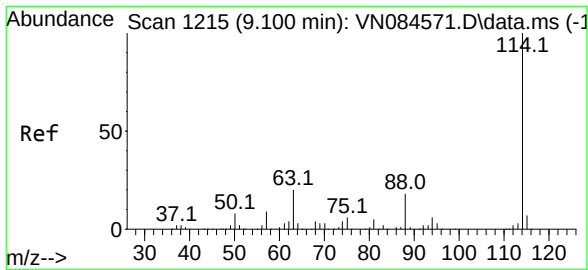
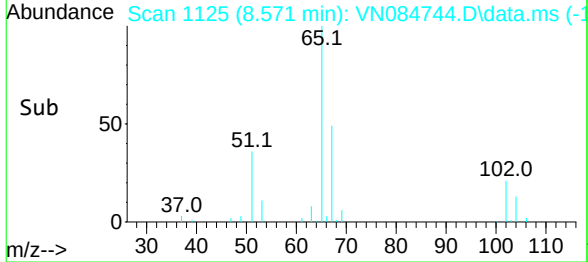
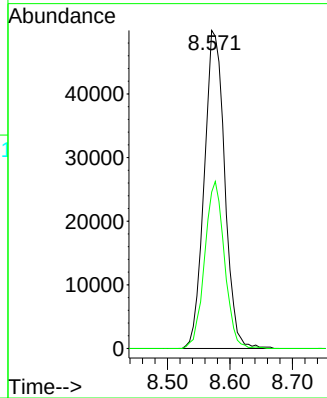
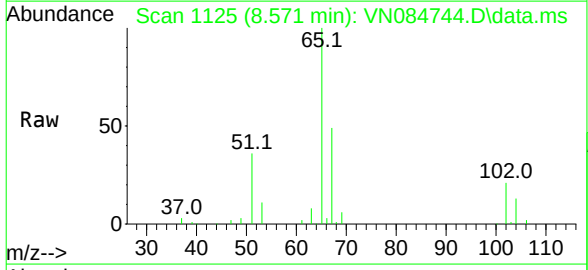




#33
1,2-Dichloroethane-d4
Concen: 48.579 ug/l
RT: 8.571 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN084744.D
Acq: 08 Nov 2024 12:55

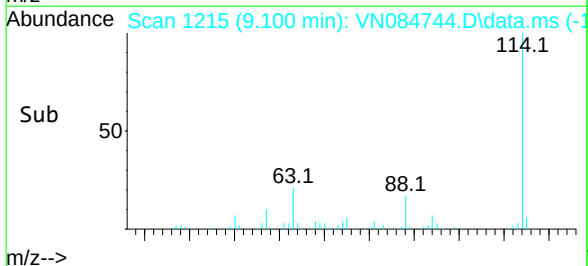
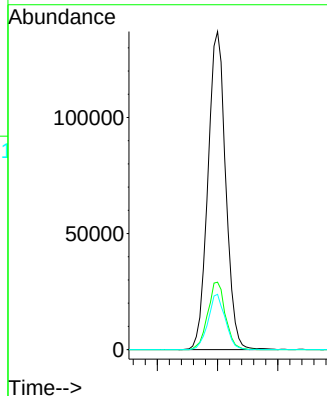
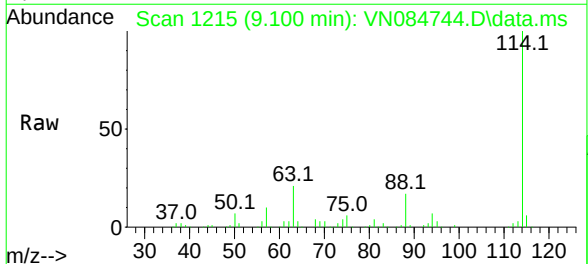
Instrument :
MSVOA_N
ClientSampleId :
BAYAVE-STOCKPILE

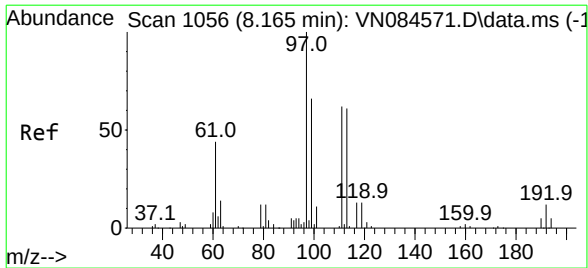
Tgt Ion: 65 Resp: 113665
Ion Ratio Lower Upper
65 100
67 50.8 0.0 102.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084744.D
Acq: 08 Nov 2024 12:55

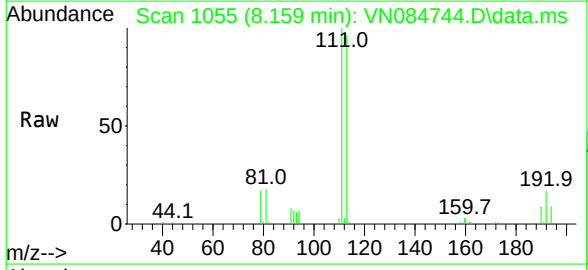
Tgt Ion: 114 Resp: 280713
Ion Ratio Lower Upper
114 100
63 21.2 0.0 43.8
88 17.4 0.0 31.6



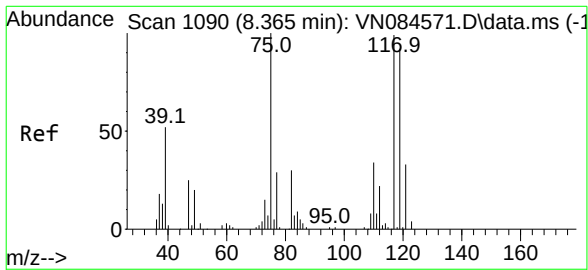
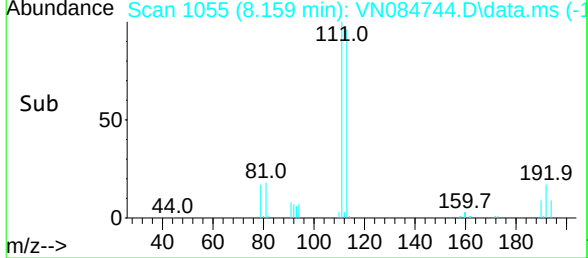
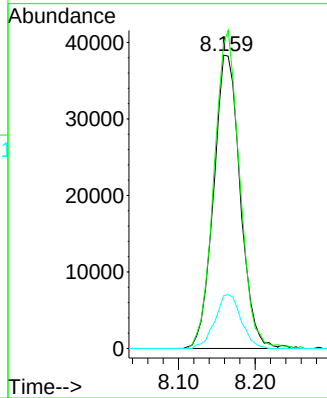


#35
 Dibromofluoromethane
 Concen: 48.496 ug/l
 RT: 8.159 min Scan# 1055
 Delta R.T. -0.006 min
 Lab File: VN084744.D
 Acq: 08 Nov 2024 12:55

Instrument :
 MSVOA_N
 ClientSampleId :
 BAYAVE-STOCKPILE

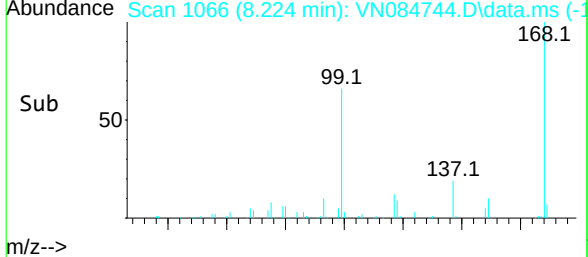
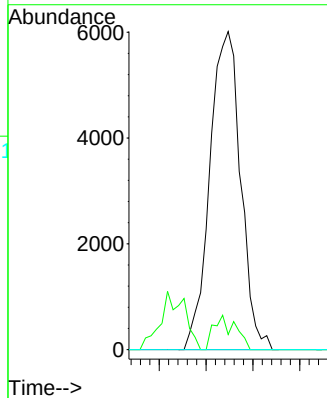
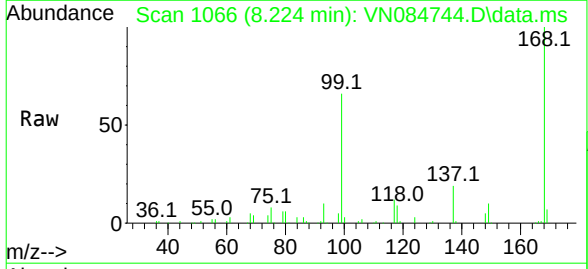


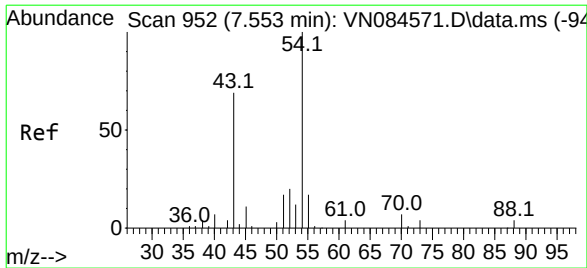
Tgt Ion:	113	Resp:	92147
Ion	Ratio	Lower	Upper
113	100		
111	105.1	83.3	124.9
192	18.1	13.5	20.3



#36
 1,1-Dichloropropene
 Concen: 5.220 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.147 min
 Lab File: VN084744.D
 Acq: 08 Nov 2024 12:55

Tgt Ion:	75	Resp:	13757
Ion	Ratio	Lower	Upper
75	100		
110	7.6	16.9	50.7#
77	0.0	24.7	37.1#

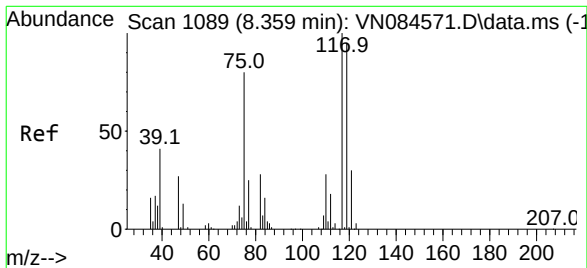
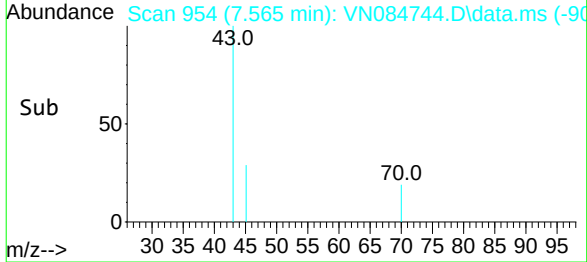
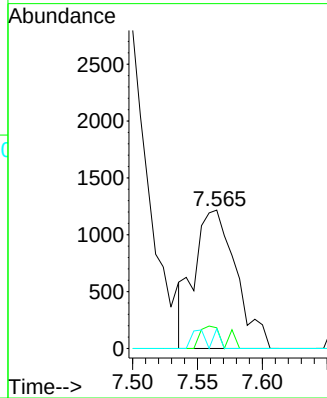
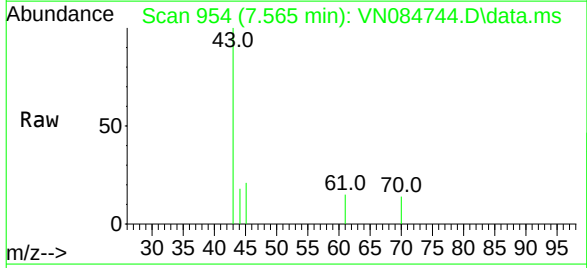




#37
Ethyl Acetate
Concen: 1.138 ug/l
RT: 7.565 min Scan# 95
Delta R.T. 0.006 min
Lab File: VN084744.D
Acq: 08 Nov 2024 12:55

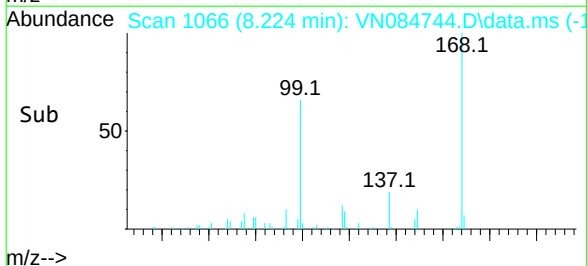
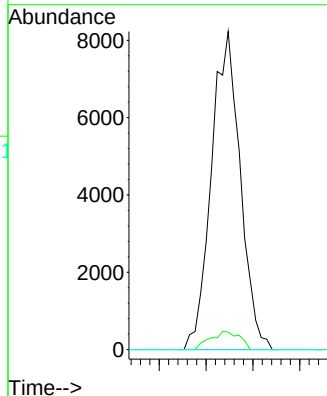
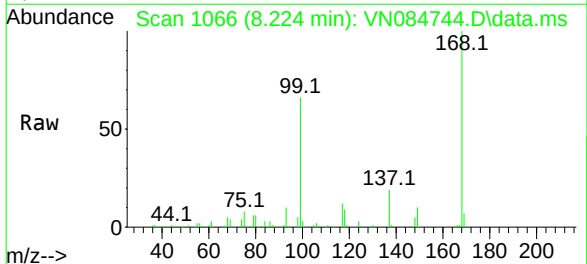
Instrument :
MSVOA_N
ClientSampleId :
BAYAVE-STOCKPILE

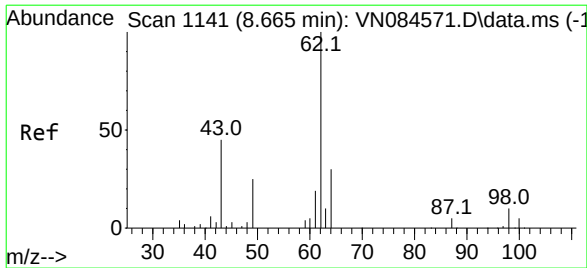
Tgt Ion: 43	Resp: 2722
Ion Ratio	Lower Upper
43 100	
61 9.2	10.7 16.1#
70 6.4	8.8 13.2#



#38
Carbon Tetrachloride
Concen: 5.989 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN084744.D
Acq: 08 Nov 2024 12:55

Tgt Ion: 117	Resp: 17639
Ion Ratio	Lower Upper
117 100	
119 5.5	78.7 118.1#
121 0.0	24.4 36.6#

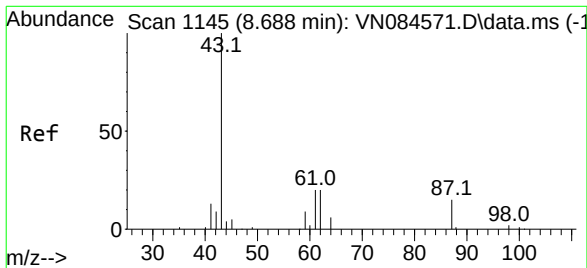
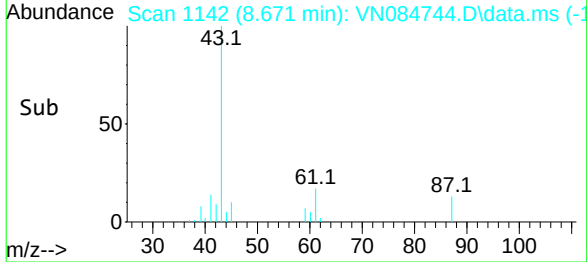
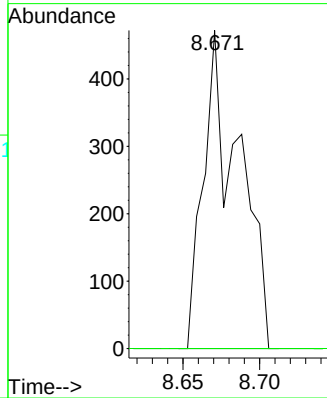
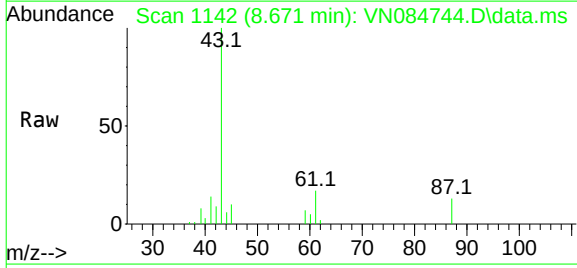




#42
1,2-Dichloroethane
Concen: 0.277 ug/l
RT: 8.671 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN084744.D
Acq: 08 Nov 2024 12:55

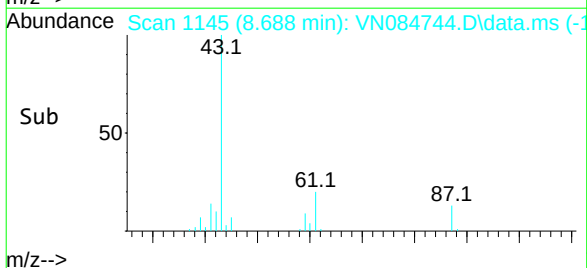
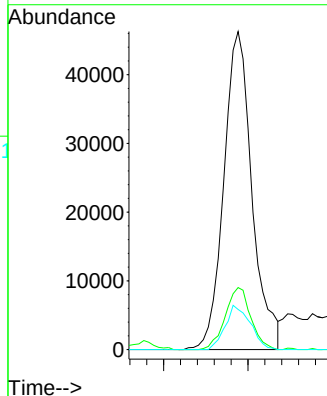
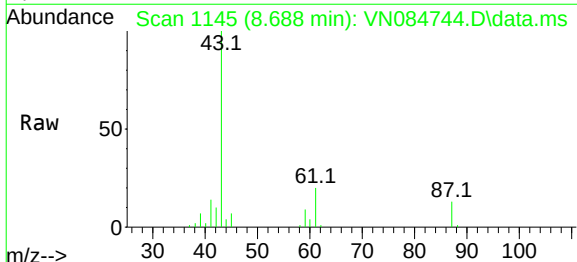
Instrument :
MSVOA_N
ClientSampleId :
BAYAVE-STOCKPILE

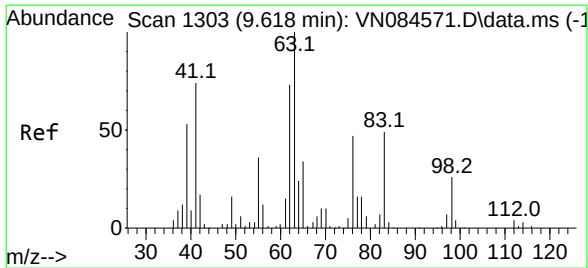
Tgt Ion: 62 Resp: 759
Ion Ratio Lower Upper
62 100
98 0.0 0.0 18.2



#43
Isopropyl Acetate
Concen: 23.831 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN084744.D
Acq: 08 Nov 2024 12:55

Tgt Ion: 43 Resp: 107491
Ion Ratio Lower Upper
43 100
61 17.6 20.4 30.6#
87 12.4 10.3 15.5

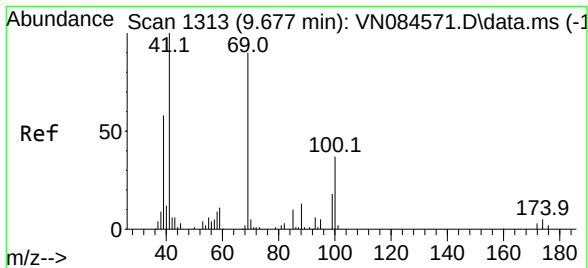
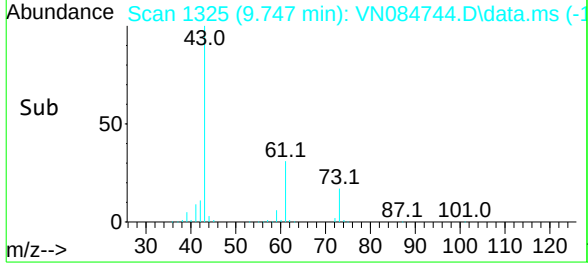
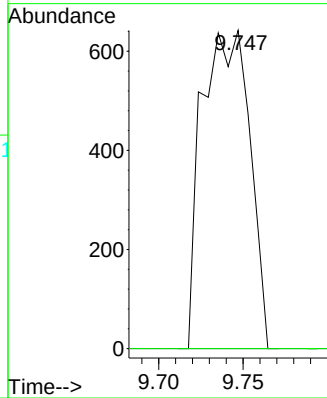
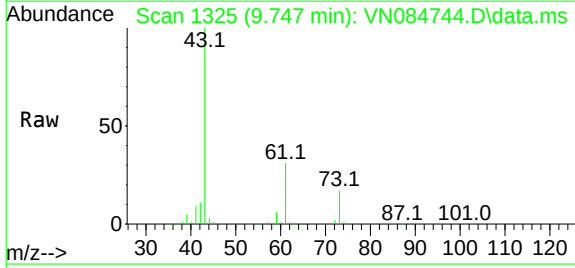




#45
1,2-Dichloropropane
Concen: 0.639 ug/l
RT: 9.747 min Scan# 1312
Delta R.T. 0.129 min
Lab File: VN084744.D
Acq: 08 Nov 2024 12:55

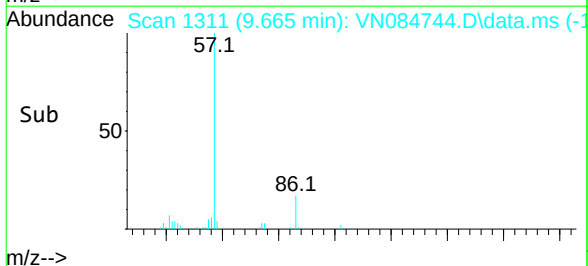
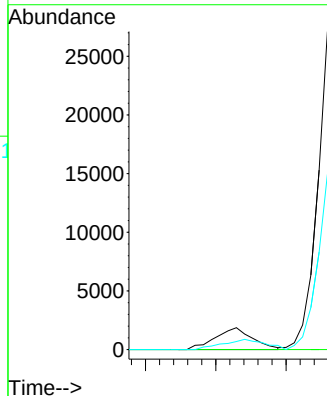
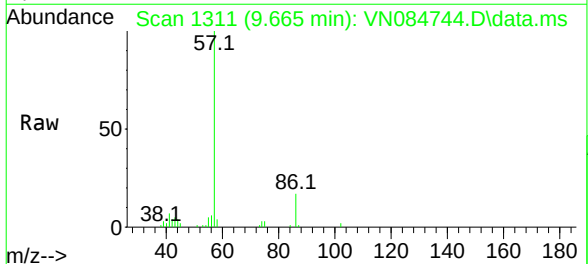
Instrument :
MSVOA_N
ClientSampleId :
BAYAVE-STOCKPILE

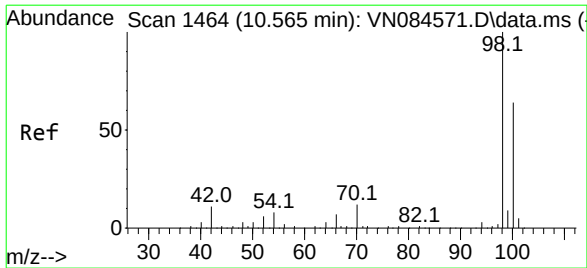
Tgt Ion: 63 Resp: 1268
Ion Ratio Lower Upper
63 100
65 0.0 24.6 37.0#



#48
Methyl methacrylate
Concen: 1.832 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.012 min
Lab File: VN084744.D
Acq: 08 Nov 2024 12:55

Tgt Ion: 41 Resp: 3409
Ion Ratio Lower Upper
41 100
69 0.0 67.1 100.7#
39 53.2 45.8 68.6





#50

Toluene-d8

Concen: 48.196 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084744.D

Acq: 08 Nov 2024 12:55

Instrument :

MSVOA_N

ClientSampleId :

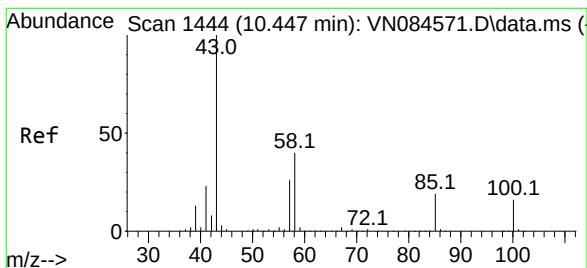
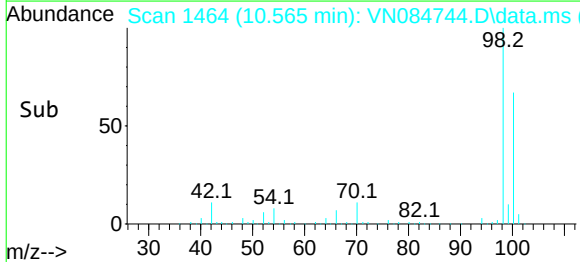
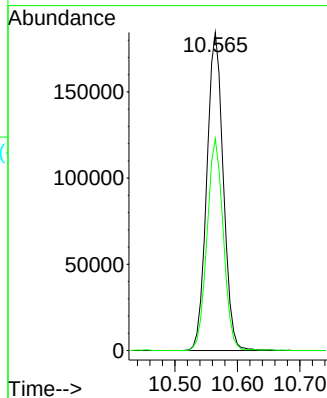
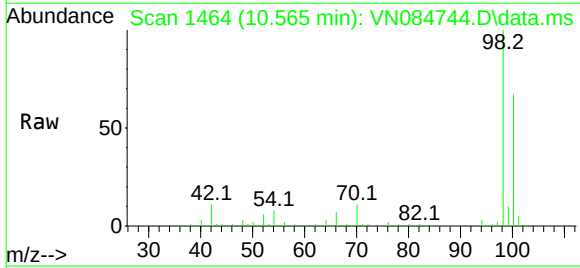
BAYAVE-STOCKPILE

Tgt Ion: 98 Resp: 337339

Ion Ratio Lower Upper

98 100

100 65.6 52.7 79.1



#51

4-Methyl-2-Pentanone

Concen: 1.668 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. 0.006 min

Lab File: VN084744.D

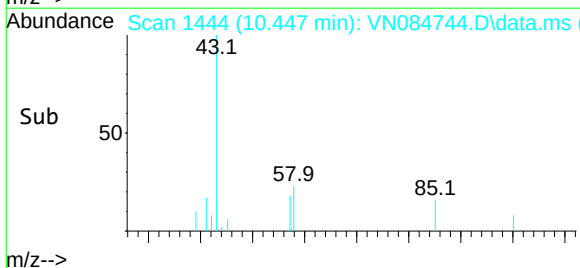
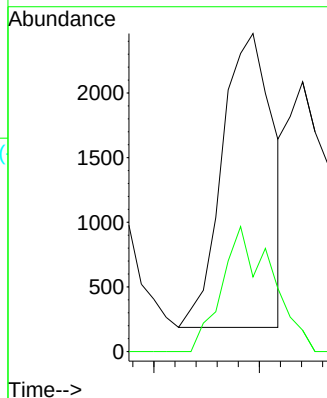
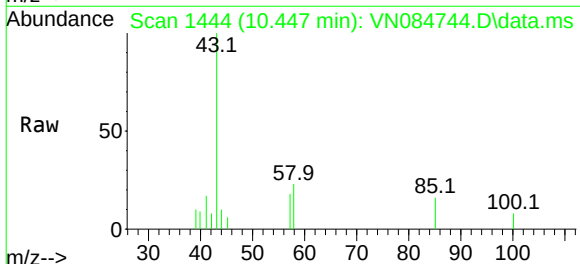
Acq: 08 Nov 2024 12:55

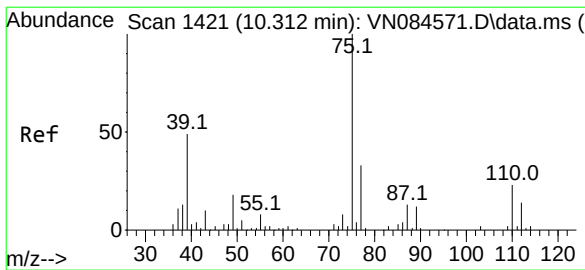
Tgt Ion: 43 Resp: 3802

Ion Ratio Lower Upper

43 100

58 41.7 31.6 47.4





#54

cis-1,3-Dichloropropene

Concen: 10.493 ug/l

RT: 10.359 min Scan# 14

Delta R.T. 0.047 min

Lab File: VN084744.D

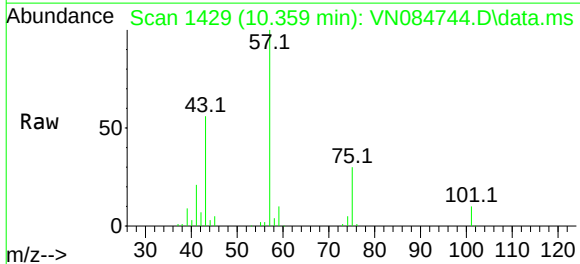
Acq: 08 Nov 2024 12:55

Instrument :

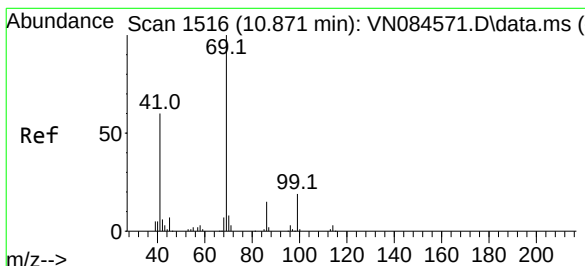
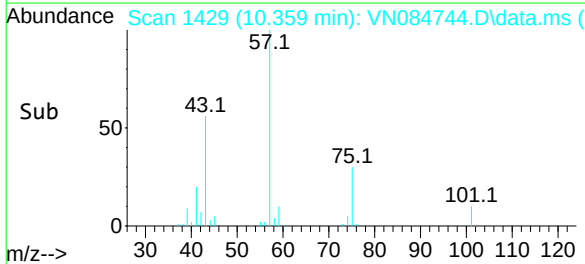
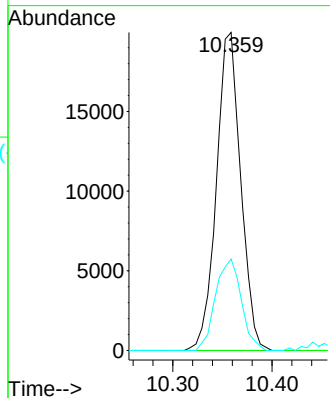
MSVOA_N

ClientSampleId :

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Tgt Ion:	75	Resp:	33946
Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.2	36.2#
39	28.7	38.7	58.1#



#56

Ethyl methacrylate

Concen: 0.419 ug/l

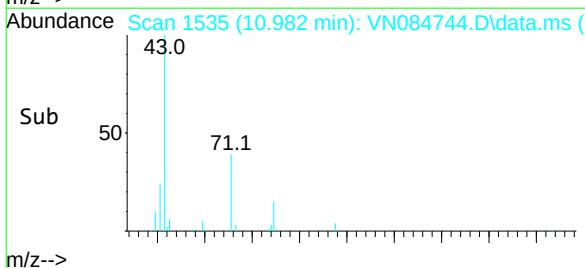
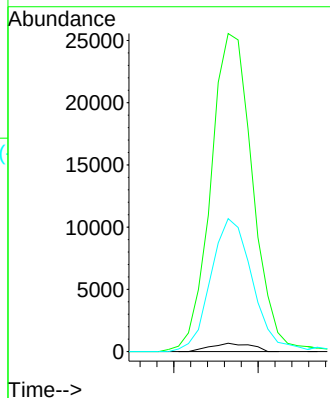
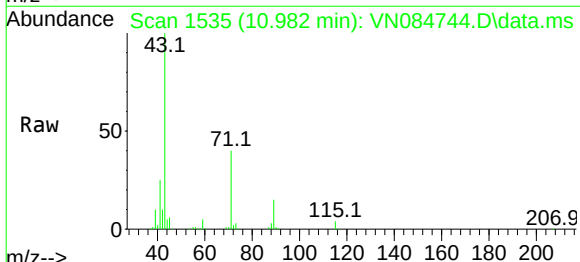
RT: 10.982 min Scan# 1535

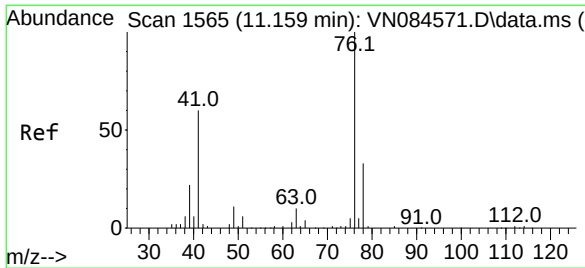
Delta R.T. 0.112 min

Lab File: VN084744.D

Acq: 08 Nov 2024 12:55

Tgt Ion:	69	Resp:	1129
Ion	Ratio	Lower	Upper
69	100		
41	3921.1	53.3	79.9#
39	1653.2	28.8	43.2#

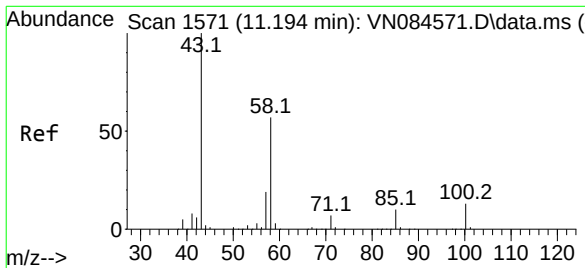
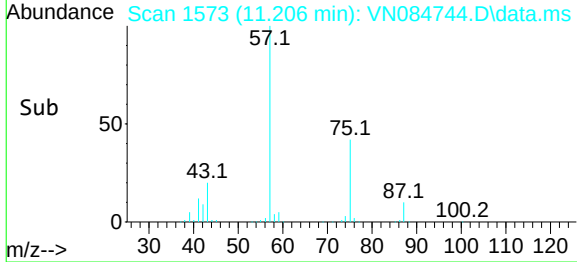
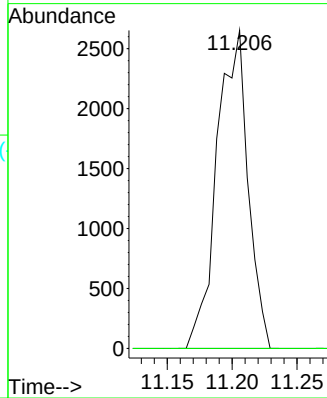
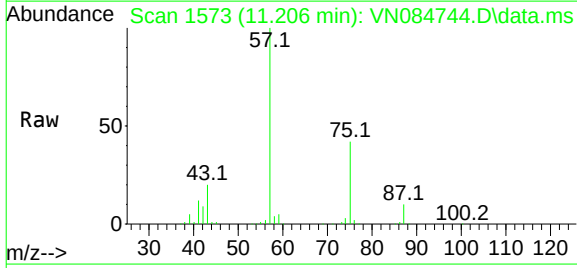




#57
1,3-Dichloropropane
Concen: 1.379 ug/l
RT: 11.206 min Scan# 1572
Delta R.T. 0.047 min
Lab File: VN084744.D
Acq: 08 Nov 2024 12:55

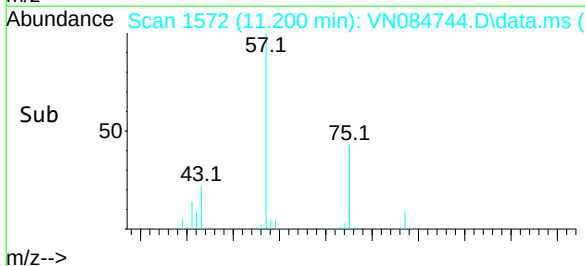
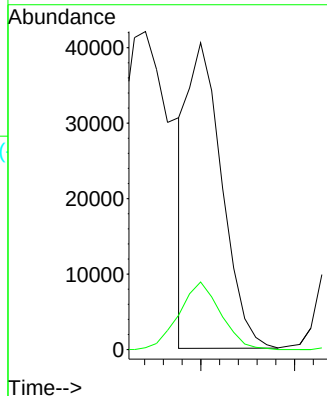
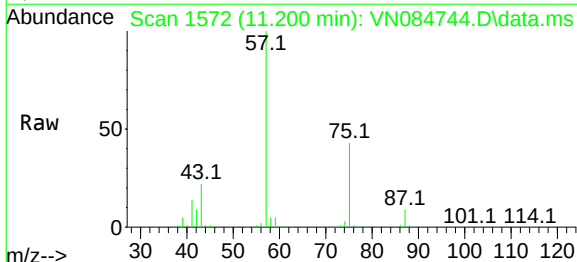
Instrument :
MSVOA_N
ClientSampleId :
BAYAVE-STOCKPILE

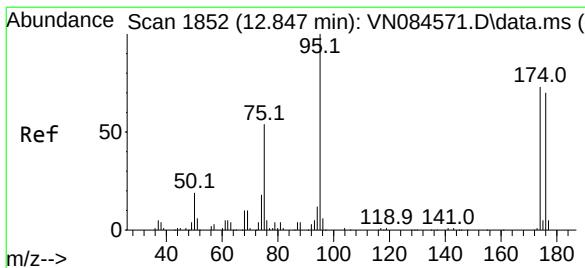
Tgt Ion: 76 Resp: 4414
Ion Ratio Lower Upper
76 100
78 0.0 25.8 38.6#



#59
2-Hexanone
Concen: 31.223 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN084744.D
Acq: 08 Nov 2024 12:55

Tgt Ion: 43 Resp: 51799
Ion Ratio Lower Upper
43 100
58 26.8 27.3 81.8#





#62

4-Bromofluorobenzene

Concen: 48.495 ug/l

RT: 12.847 min Scan# 18

Delta R.T. -0.000 min

Lab File: VN084744.D

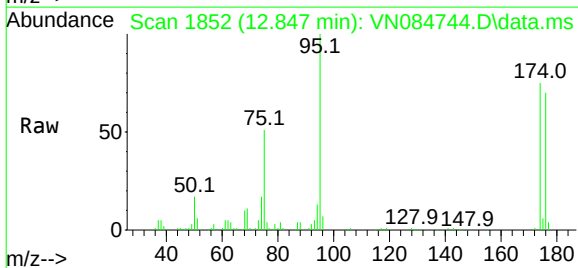
Acq: 08 Nov 2024 12:55

Instrument :

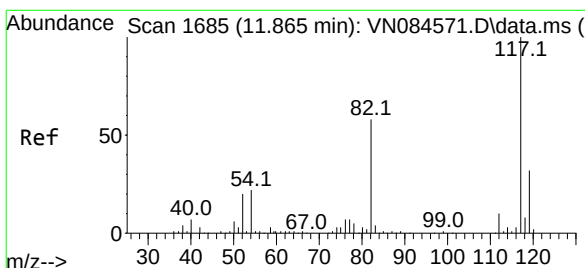
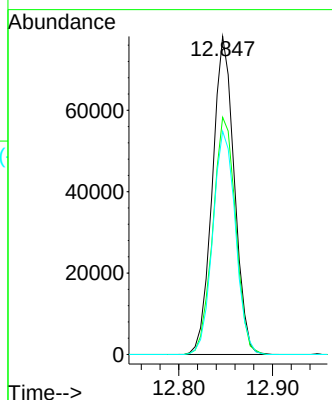
MSVOA_N

ClientSampleId :

BAYAVE-STOCKPILE



Tgt Ion:	95	Resp:	126857
Ion Ratio	Lower	Upper	
95	100		
174	77.2	0.0	145.2
176	72.6	0.0	140.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

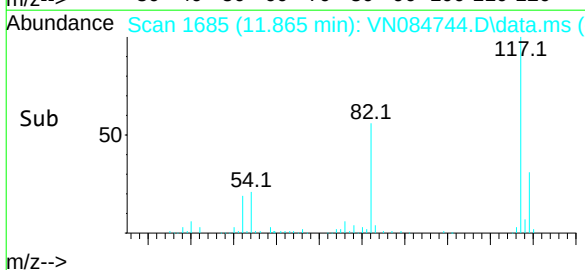
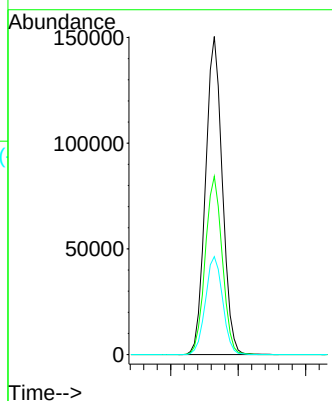
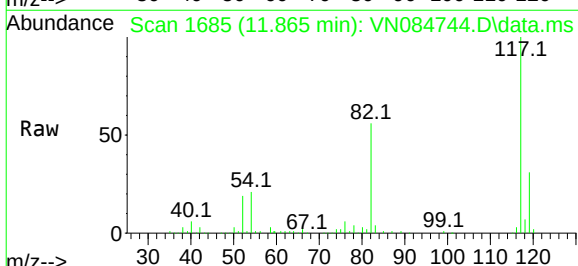
RT: 11.865 min Scan# 1685

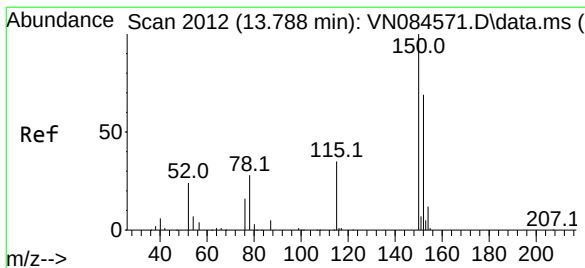
Delta R.T. -0.000 min

Lab File: VN084744.D

Acq: 08 Nov 2024 12:55

Tgt Ion:	117	Resp:	260207
Ion Ratio	Lower	Upper	
117	100		
82	56.0	47.2	70.8
119	30.8	25.4	38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 20

Delta R.T. -0.000 min

Lab File: VN084744.D

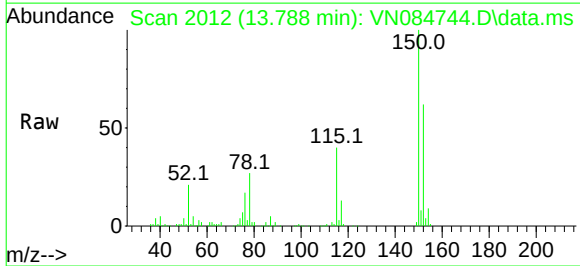
Acq: 08 Nov 2024 12:55

Instrument :

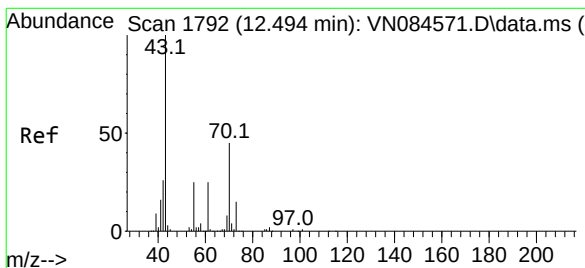
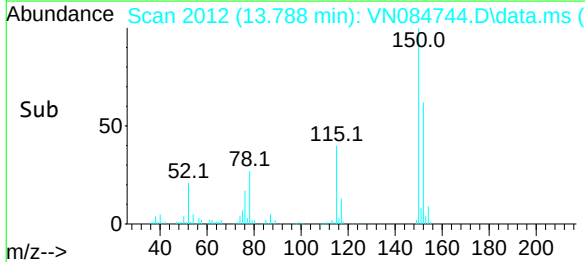
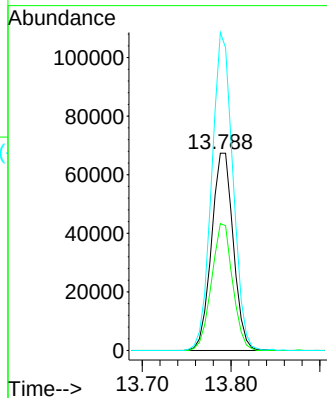
MSVOA_N

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Tgt Ion:	152	Resp:	115085
Ion	Ratio	Lower	Upper
152	100		
115	62.1	31.3	93.9
150	156.6	0.0	349.8



#74

N-ethyl acetate

Concen: 0.606 ug/l

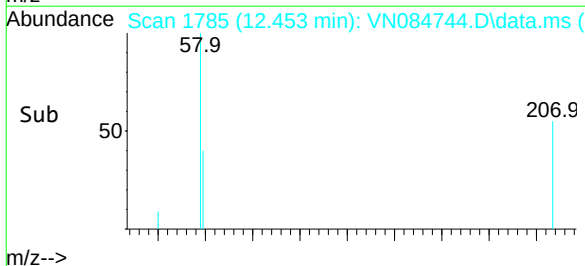
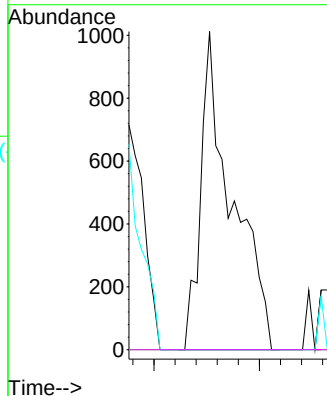
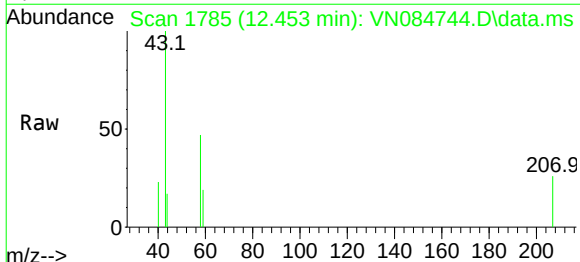
RT: 12.453 min Scan# 1785

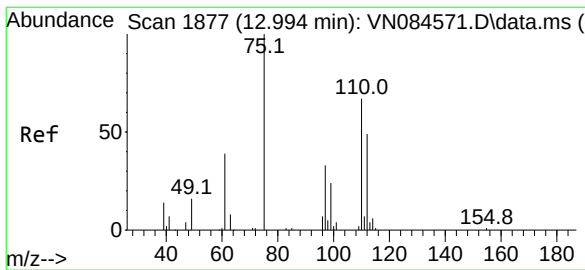
Delta R.T. -0.041 min

Lab File: VN084744.D

Acq: 08 Nov 2024 12:55

Tgt Ion:	43	Resp:	2080
Ion	Ratio	Lower	Upper
43	100		
70	0.0	34.4	51.6#
55	0.0	19.6	29.4#
61	0.0	19.6	29.4#





#76

1,2,3-Trichloropropane

Concen: 28.616 ug/l

RT: 12.847 min Scan# 18

Delta R.T. -0.141 min

Lab File: VN084744.D

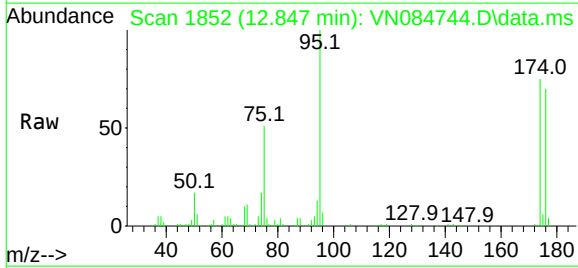
Acq: 08 Nov 2024 12:55

Instrument :

MSVOA_N

ClientSampleId :

BAYAVE-STOCKPILE

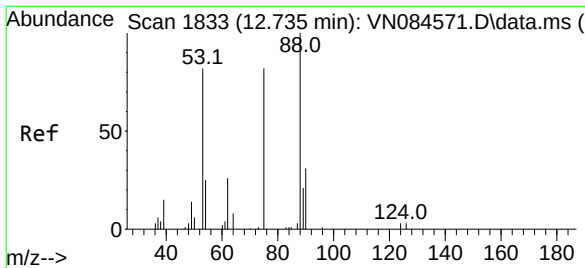
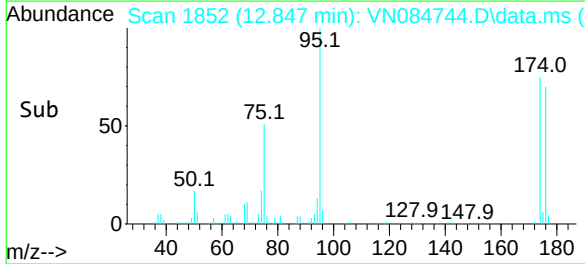
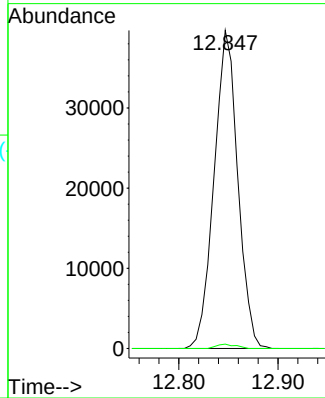


Tgt Ion: 75 Resp: 65830

Ion Ratio Lower Upper

75 100

77 1.1 96.9 290.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 67.888 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN084744.D

Acq: 08 Nov 2024 12:55

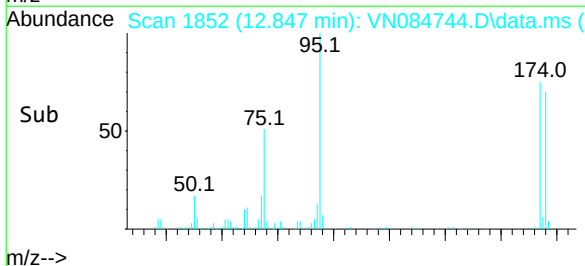
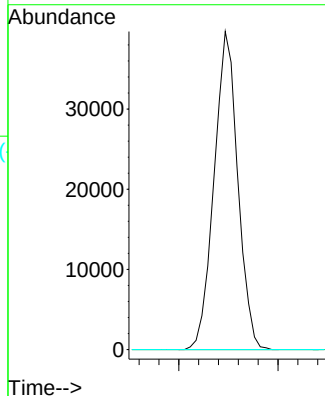
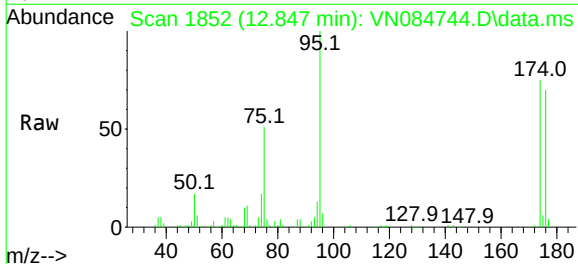
Tgt Ion: 75 Resp: 65830

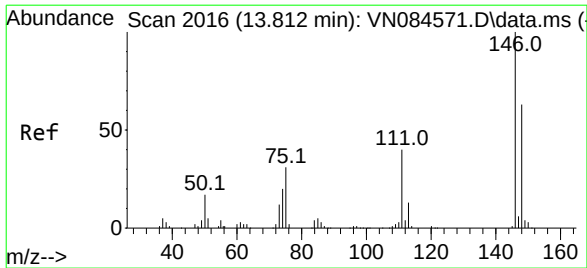
Ion Ratio Lower Upper

75 100

53 0.0 78.0 117.0#

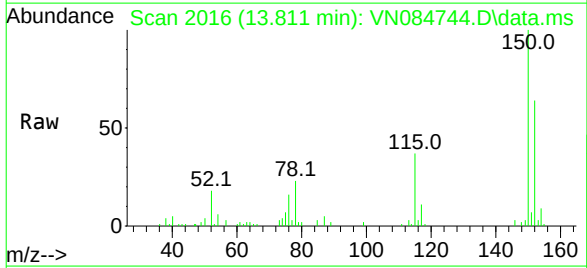
89 0.0 35.5 53.3#





#88
1,4-Dichlorobenzene
Concen: Below Cal
RT: 13.811 min Scan# 20
Delta R.T. -0.001 min
Lab File: VN084744.D
Acq: 08 Nov 2024 12:55

Instrument :
MSVOA_N
ClientSampleId :
BAYAVE-STOCKPILE



Tgt Ion:	146	Resp:	595
Ion	Ratio	Lower	Upper
146	100		
111	0.0	21.2	63.6#
148	0.0	31.9	95.9#

