

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112624\
 Data File : VN085046.D
 Acq On : 26 Nov 2024 16:35
 Operator : JC\MD
 Sample : P5000-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-733

Quant Time: Nov 27 05:17:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

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

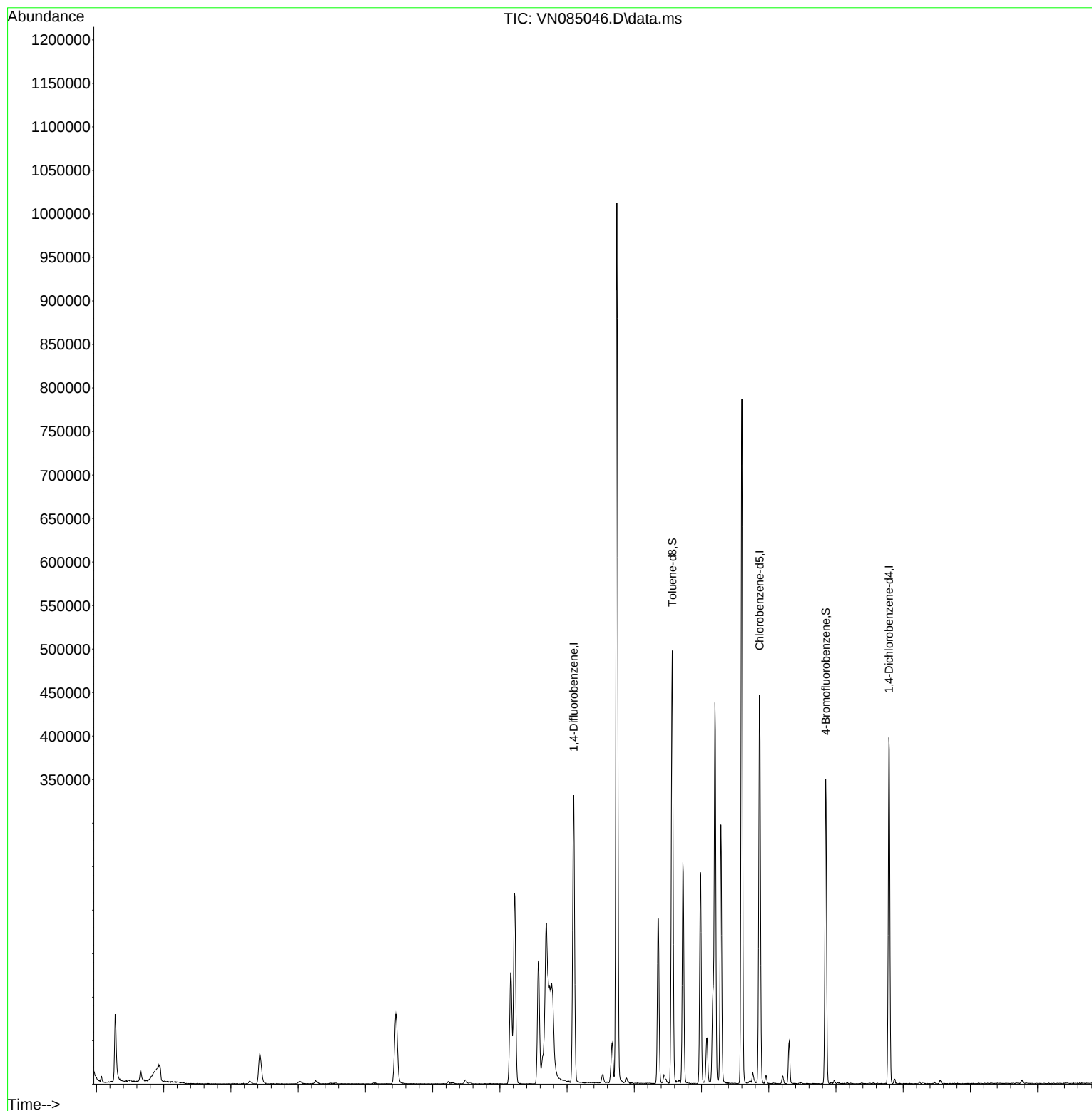
Internal Standards						
1) Pentafluorobenzene	8.218	168	156639	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	285590	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	259624	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	105556	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	118192	52.972	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.940%			
35) Dibromofluoromethane	8.165	113	94793	49.220	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.440%			
50) Toluene-d8	10.565	98	338992	49.115	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.220%			
62) 4-Bromofluorobenzene	12.847	95	120921	46.848	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 93.700%			
Target Compounds						
16) Acetone	4.430	43	65433	100.695	ug/l	96
18) Methyl Acetate	5.024	43	6650	2.103	ug/l #	82
20) Methylene Chloride	5.259	84	2573	1.298	ug/l #	80
25) 2-Butanone	7.489	43	7464	7.026	ug/l	92
43) Isopropyl Acetate	8.688	43	316730	64.296	ug/l #	69
51) 4-Methyl-2-Pentanone	10.441	43	11776	5.234	ug/l #	72

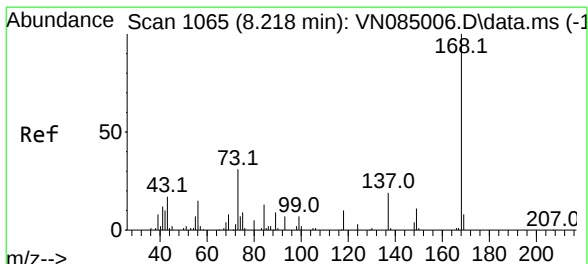
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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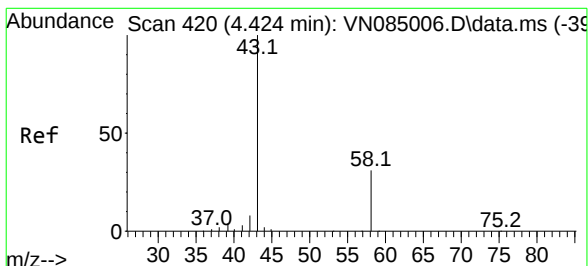
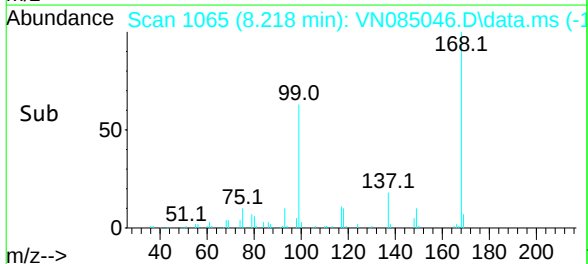
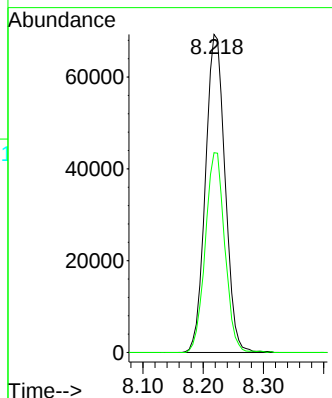
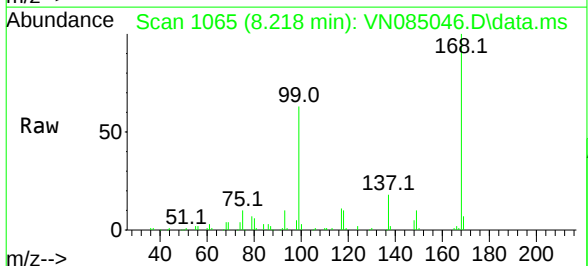




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085046.D
Acq: 26 Nov 2024 16:35

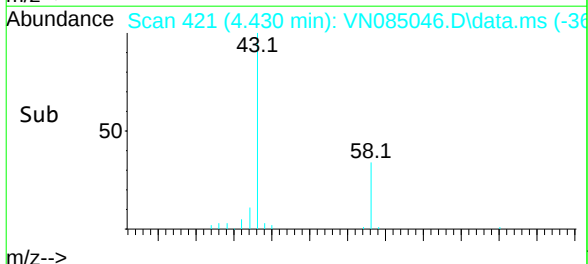
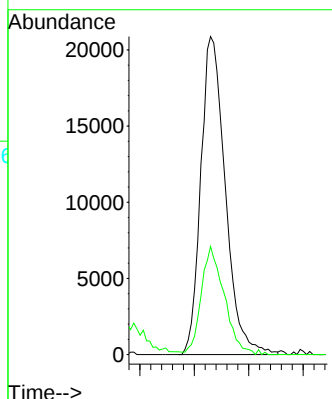
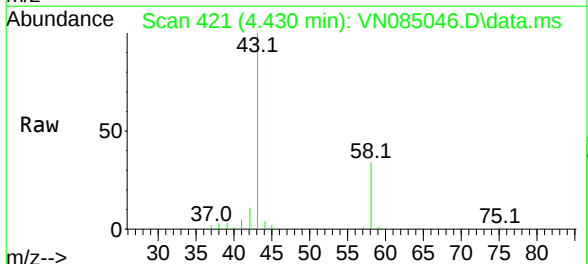
Instrument :
MSVOA_N
ClientSampleId :
MH-733

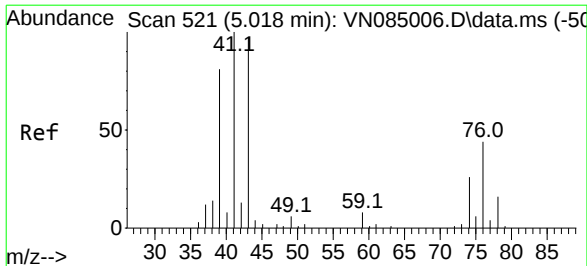
Tgt Ion:168 Resp: 156639
Ion Ratio Lower Upper
168 100
99 62.8 51.2 76.8



#16
Acetone
Concen: 100.695 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN085046.D
Acq: 26 Nov 2024 16:35

Tgt Ion: 43 Resp: 65433
Ion Ratio Lower Upper
43 100
58 34.0 25.4 38.2





#18

Methyl Acetate

Concen: 2.103 ug/l

RT: 5.024 min Scan# 521

Delta R.T. 0.006 min

Lab File: VN085046.D

Acq: 26 Nov 2024 16:35

Instrument :

MSVOA_N

ClientSampleId :

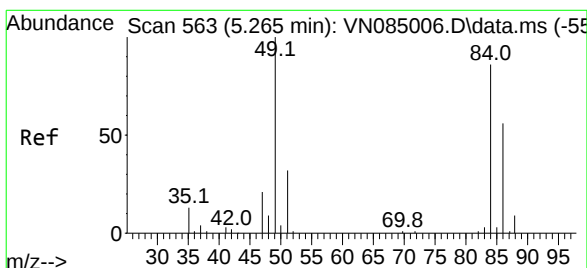
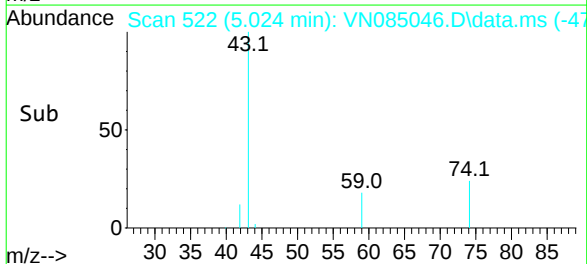
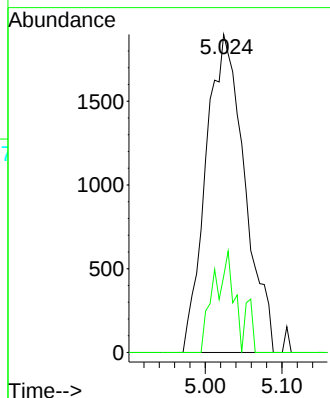
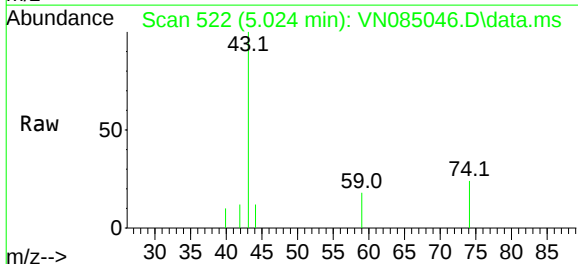
MH-733

Tgt Ion: 43 Resp: 6650

Ion Ratio Lower Upper

43 100

74 16.2 20.1 30.1#



#20

Methylene Chloride

Concen: 1.298 ug/l

RT: 5.259 min Scan# 562

Delta R.T. -0.006 min

Lab File: VN085046.D

Acq: 26 Nov 2024 16:35

Tgt Ion: 84 Resp: 2573

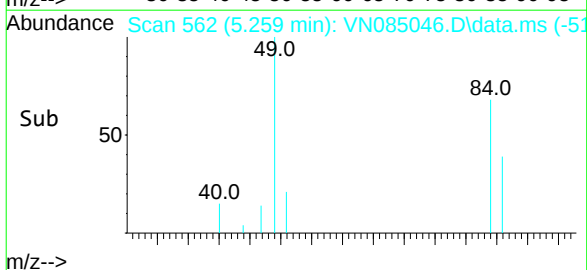
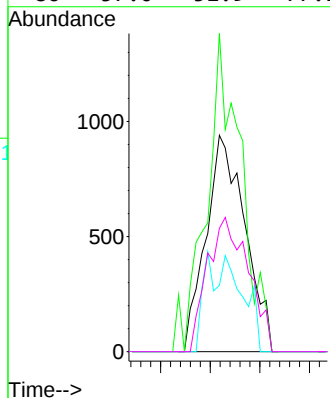
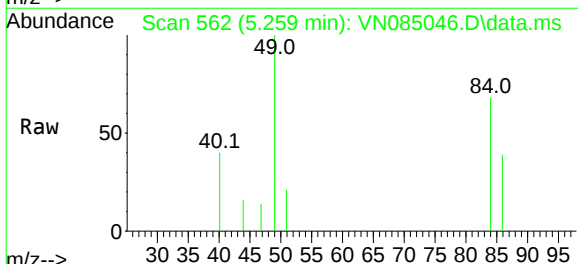
Ion Ratio Lower Upper

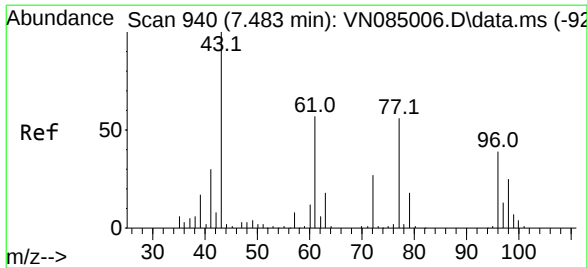
84 100

49 147.0 92.7 139.1#

51 30.6 29.4 44.2

86 57.0 51.9 77.9

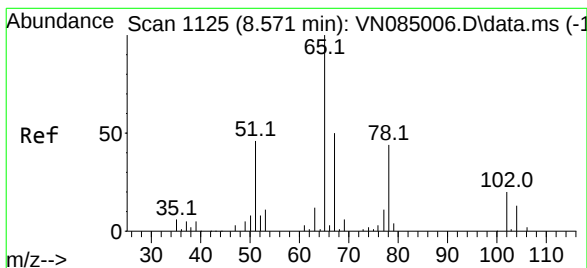
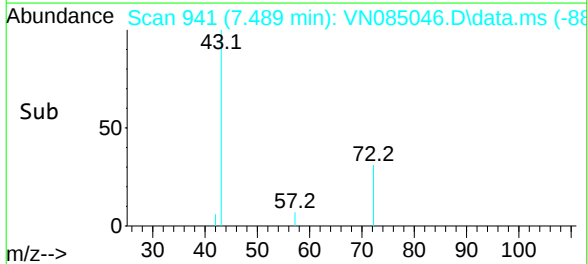
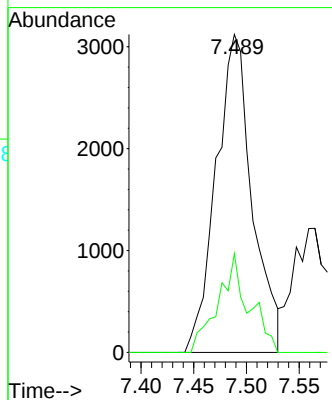
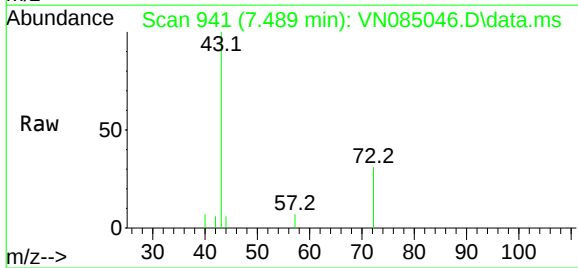




#25
2-Butanone
Concen: 7.026 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085046.D
Acq: 26 Nov 2024 16:35

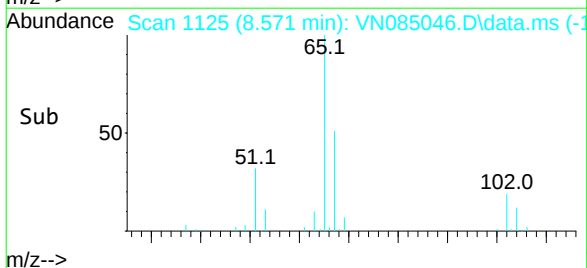
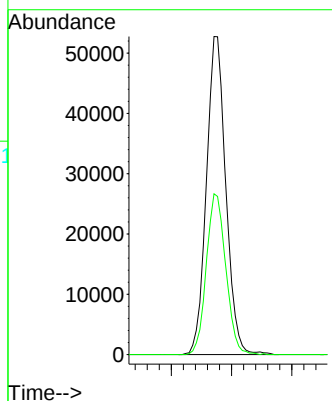
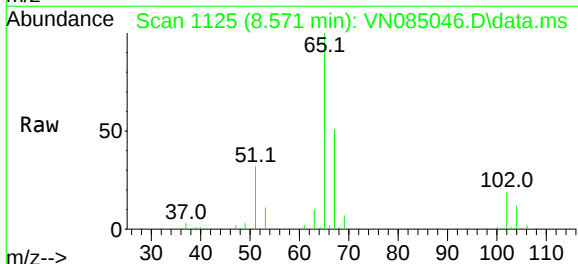
Instrument :
MSVOA_N
ClientSampleId :
MH-733

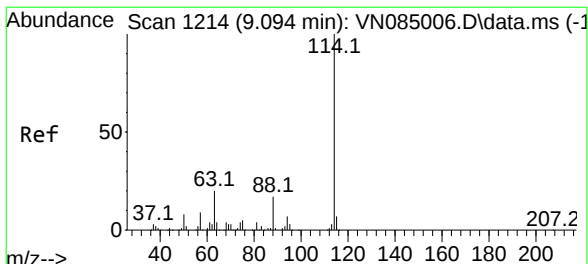
Tgt Ion: 43 Resp: 7464
Ion Ratio Lower Upper
43 100
72 31.1 21.4 32.0



#33
1,2-Dichloroethane-d4
Concen: 52.972 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.000 min
Lab File: VN085046.D
Acq: 26 Nov 2024 16:35

Tgt Ion: 65 Resp: 118192
Ion Ratio Lower Upper
65 100
67 50.6 0.0 105.0

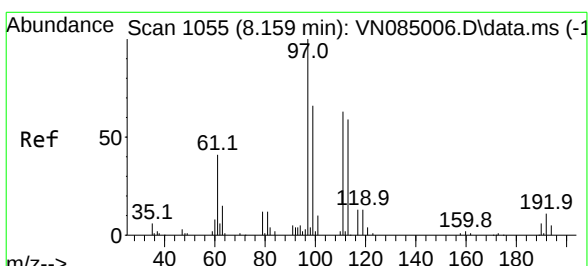
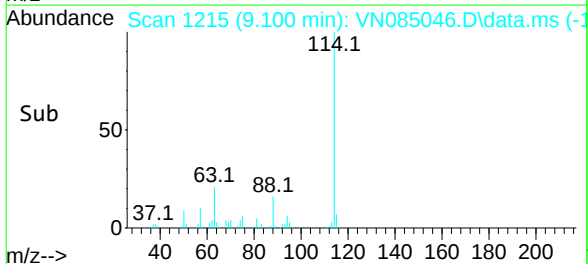
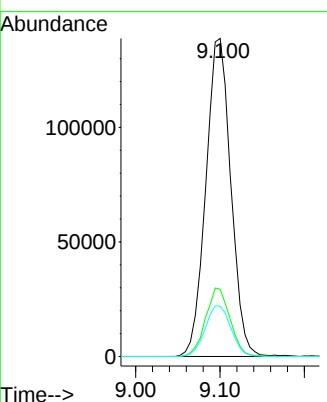
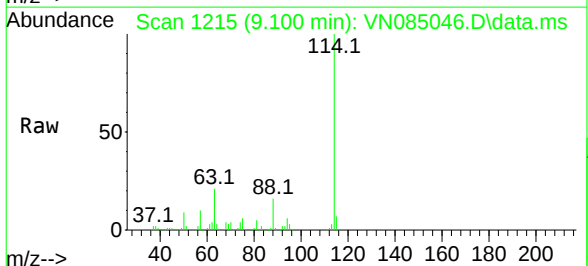




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN085046.D
 Acq: 26 Nov 2024 16:35

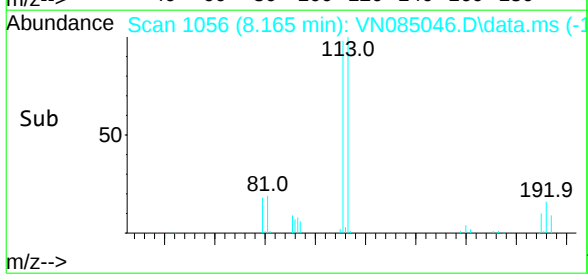
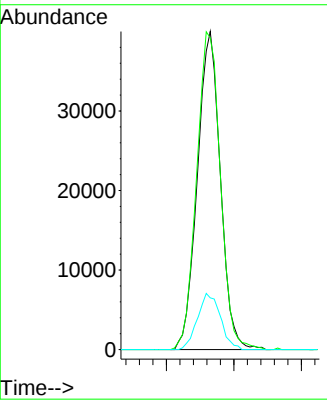
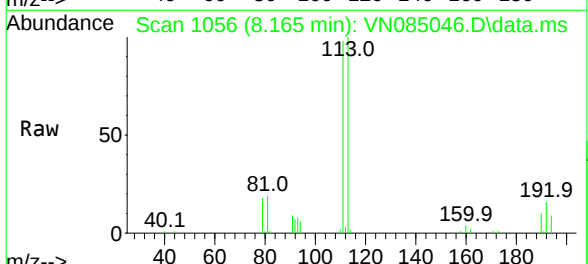
Instrument :
 MSVOA_N
 ClientSampleId :
 MH-733

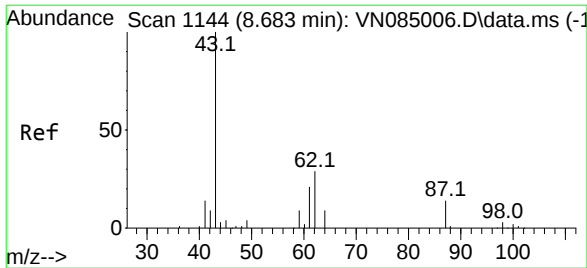
Tgt Ion:	114	Resp:	285590
Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	41.0
88	15.8	0.0	34.8



#35
 Dibromofluoromethane
 Concen: 49.220 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085046.D
 Acq: 26 Nov 2024 16:35

Tgt Ion:	113	Resp:	94793
Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.0	123.0
192	17.6	14.8	22.2

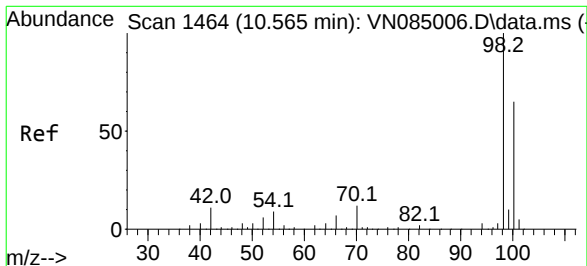
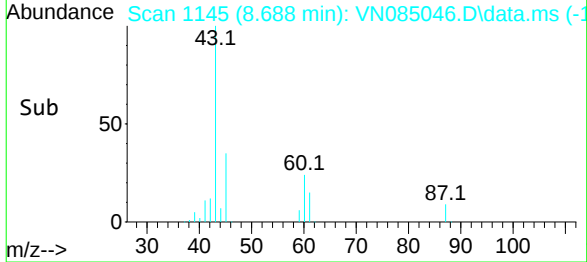
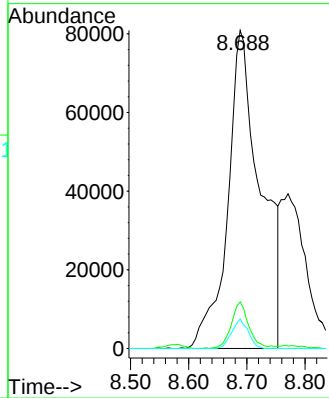
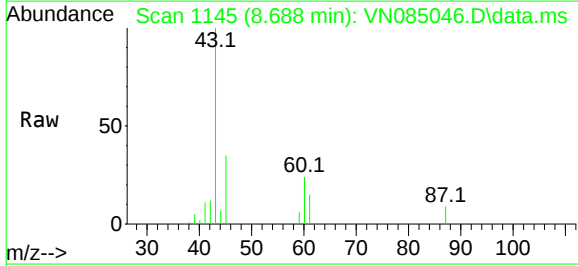




#43
Isopropyl Acetate
Concen: 64.296 ug/l
RT: 8.688 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN085046.D
Acq: 26 Nov 2024 16:35

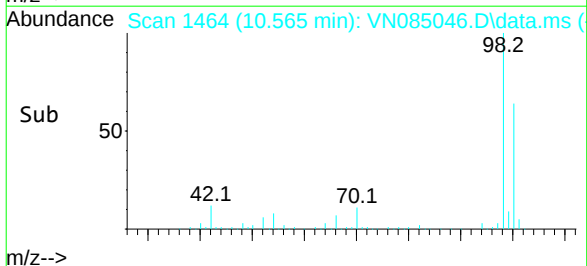
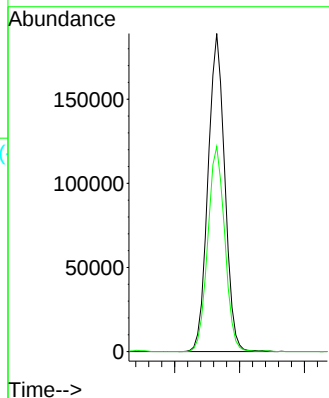
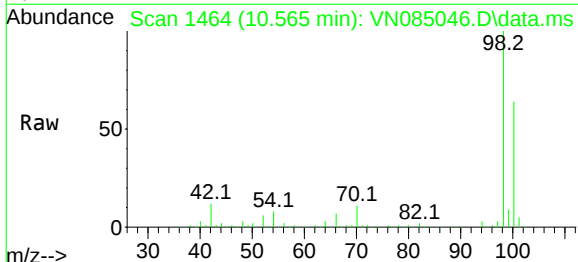
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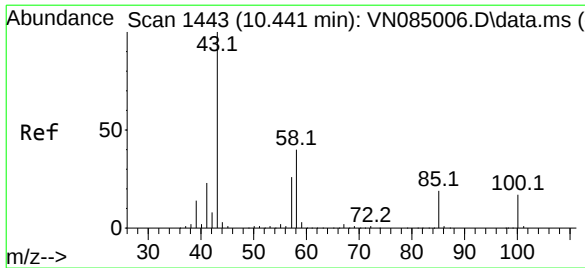
Tgt Ion: 43 Resp: 316730
Ion Ratio Lower Upper
43 100
61 7.8 20.6 30.8#
87 4.6 11.0 16.4#



#50
Toluene-d8
Concen: 49.115 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085046.D
Acq: 26 Nov 2024 16:35

Tgt Ion: 98 Resp: 338992
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7

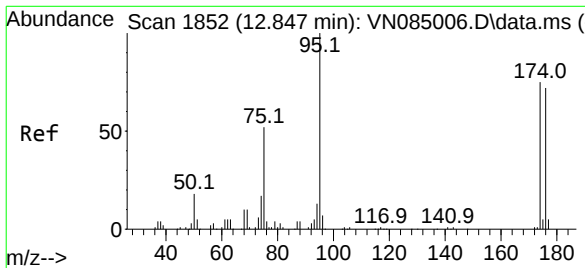
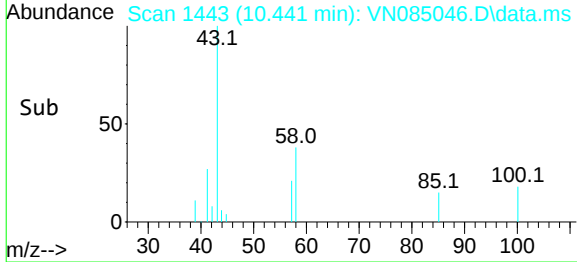
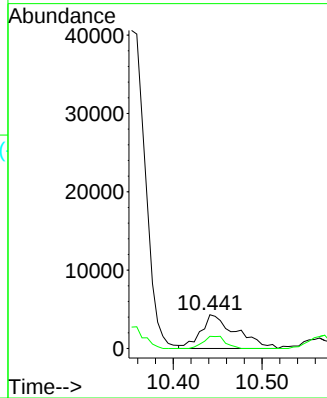
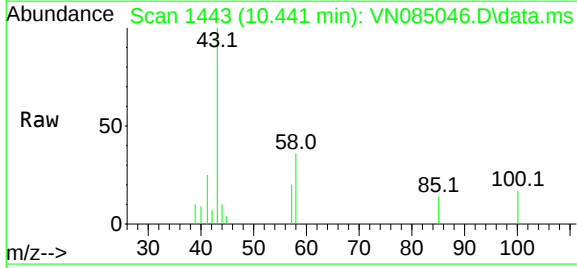




#51
4-Methyl-2-Pentanone
Concen: 5.234 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085046.D
Acq: 26 Nov 2024 16:35

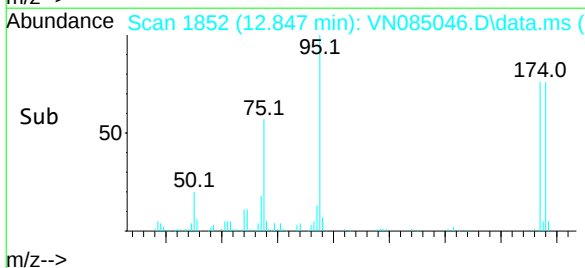
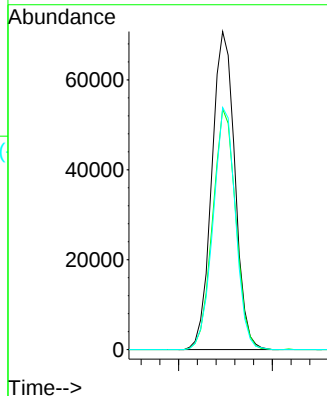
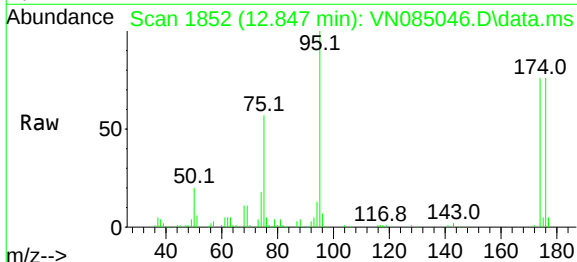
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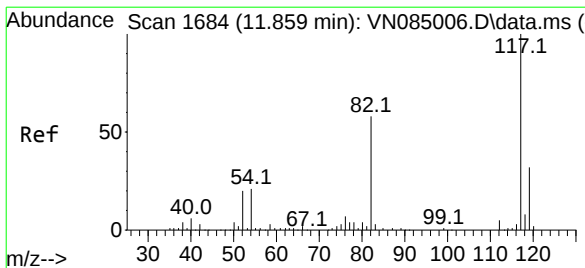
Tgt Ion: 43 Resp: 11776
Ion Ratio Lower Upper
43 100
58 22.7 32.1 48.1#



#62
4-Bromofluorobenzene
Concen: 46.848 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085046.D
Acq: 26 Nov 2024 16:35

Tgt Ion: 95 Resp: 120921
Ion Ratio Lower Upper
95 100
174 75.5 0.0 146.6
176 73.7 0.0 141.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 16

Delta R.T. 0.006 min

Lab File: VN085046.D

Acq: 26 Nov 2024 16:35

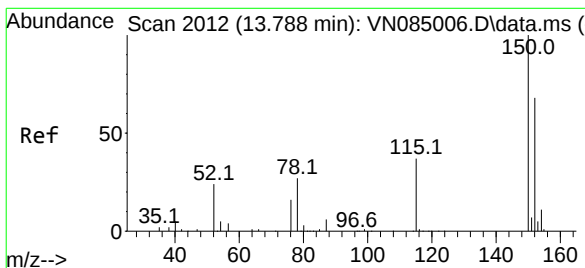
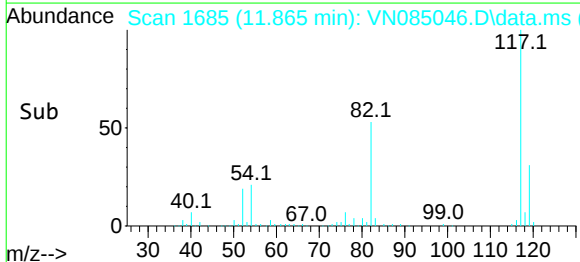
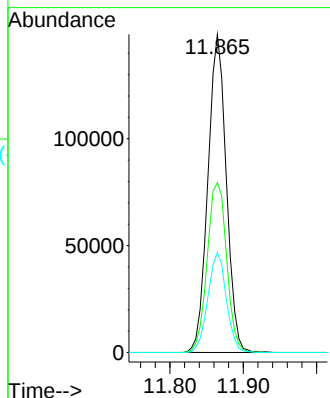
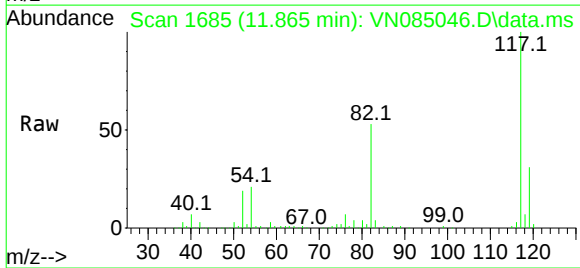
Instrument :

MSVOA_N

ClientSampleId :

MH-733

Tgt Ion:	117	Resp:	259624
Ion	Ratio	Lower	Upper
117	100		
82	53.4	46.0	69.0
119	31.4	25.6	38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN085046.D

Acq: 26 Nov 2024 16:35

Tgt Ion:	152	Resp:	105556
Ion	Ratio	Lower	Upper
152	100		
115	62.5	31.7	95.1
150	159.4	0.0	351.4

