

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050421\
 Data File : VN066943.D
 Acq On : 4 May 2021 18:16
 Operator : JC/MD
 Sample : PB136139ZHE#06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB136139ZHE#06

Manual Integrations
 APPROVED

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 5/5/2021 5:33:10 PM

Quant Time: May 05 05:26:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050421W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 04 13:11:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.589	168	497419	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.520	114	836066	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	798056	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.294	152	275127	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.951	65	391710	50.03	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.06%			
35) Dibromofluoromethane	7.514	113	278715	49.09	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 98.18%			
50) Toluene-d8	10.030	98	1106042	51.16	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.32%			
62) 4-Bromofluorobenzene	12.350	95	350483	47.87	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 95.74%			
Target Compounds					Qvalue	
16) Acetone	3.757	43	155281	56.38	ug/l	98
18) Methyl Acetate	4.258	43	12940m	1.64	ug/l	
20) Methylene Chloride	4.470	84	285764	40.90	ug/l	91
43) Isopropyl Acetate	8.099	43	61961	4.30	ug/l #	88

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

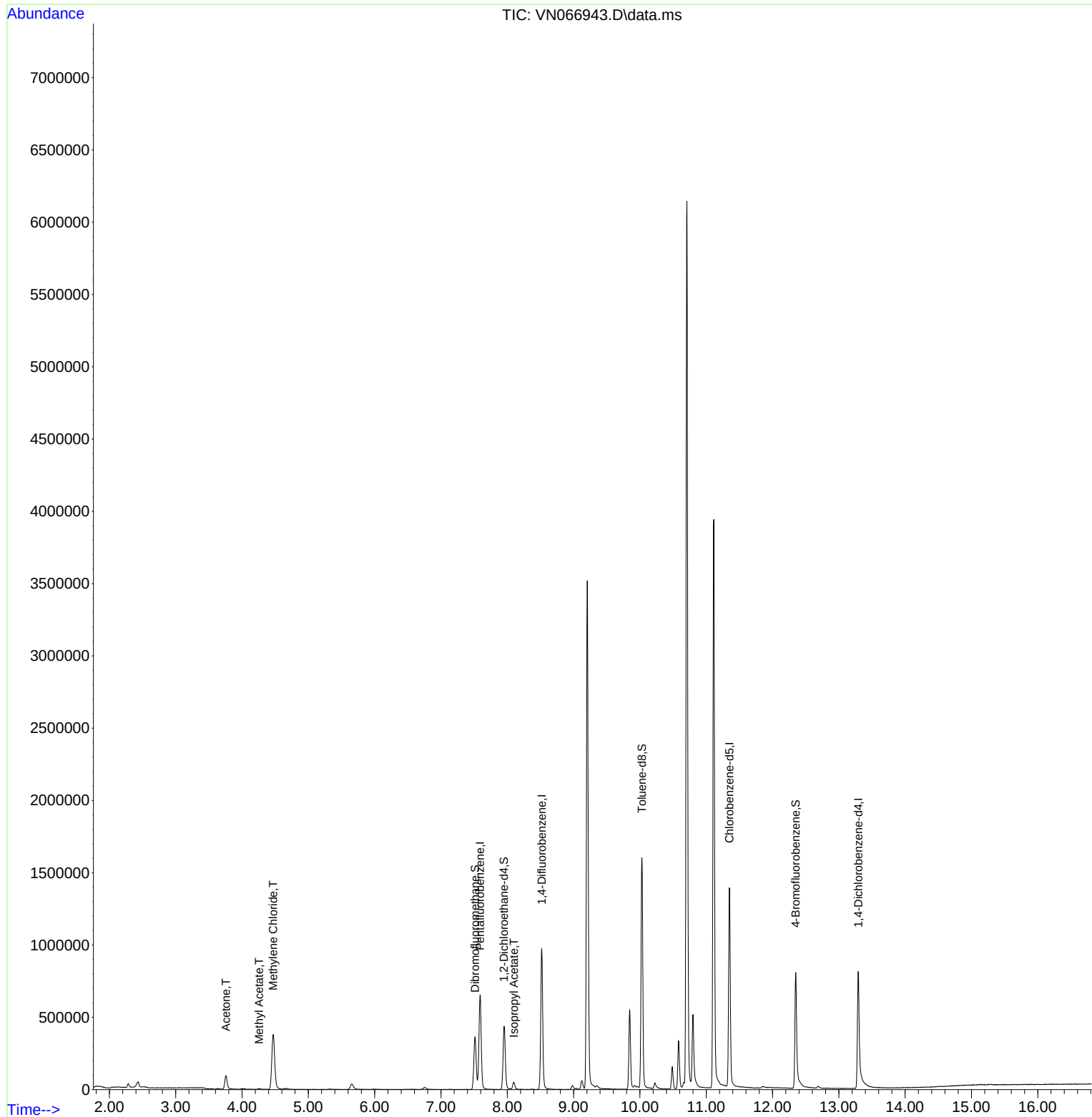
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050421\
Data File : VN066943.D
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Operator : JC/MD
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Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

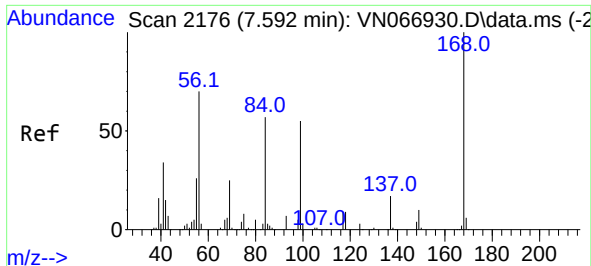
Instrument :
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ClientSampleId :
PB136139ZHE#06

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Quant Time: May 05 05:26:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050421W.M
Quant Title : SW846 8260
QLast Update : Tue May 04 13:11:03 2021
Response via : Initial Calibration





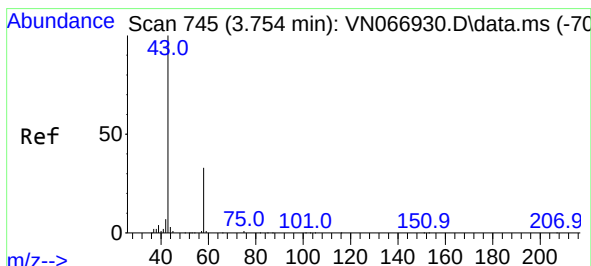
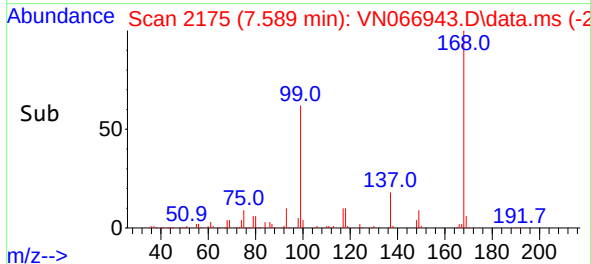
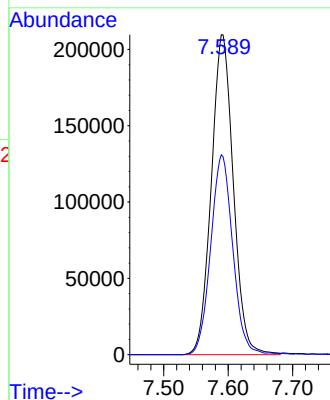
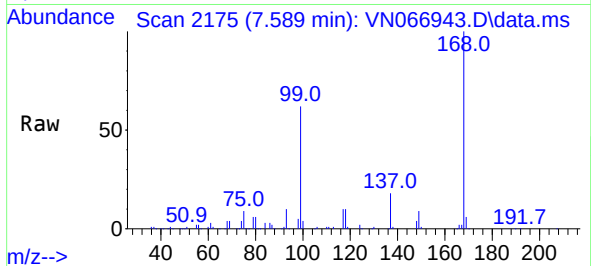
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.589 min Scan# 2175
Delta R.T. -0.003 min
Lab File: VN066943.D
Acq: 4 May 2021 18:16

Tgt Ion:168 Resp: 497419
Ion Ratio Lower Upper
168 100
99 62.4 42.6 63.8

Instrument :
MSVOA_N
ClientSampleId :
PB136139ZHE#06

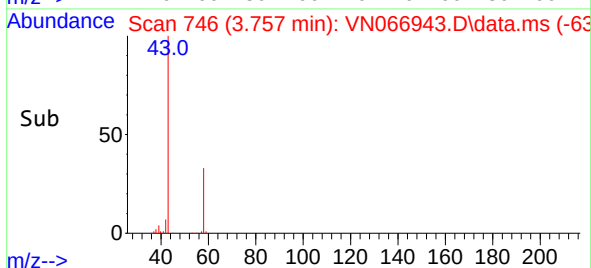
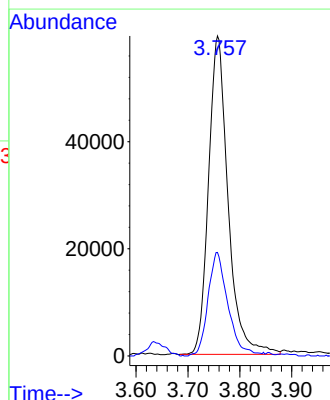
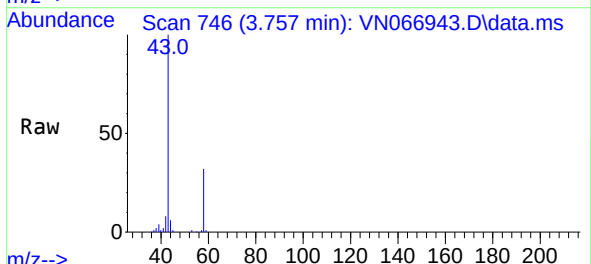
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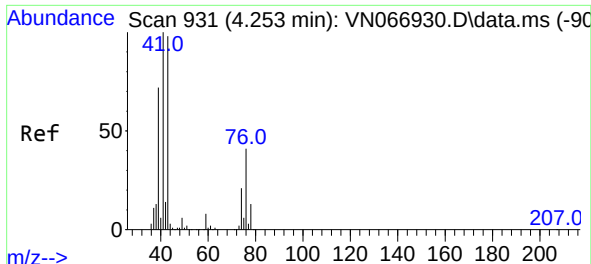
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#16
Acetone
Concen: 56.38 ug/l
RT: 3.757 min Scan# 746
Delta R.T. 0.003 min
Lab File: VN066943.D
Acq: 4 May 2021 18:16

Tgt Ion: 43 Resp: 155281
Ion Ratio Lower Upper
43 100
58 32.5 27.0 40.6





#18

Methyl Acetate

Concen: 1.64 ug/l m

RT: 4.258 min Scan# 933

Delta R.T. 0.005 min

Lab File: VN066943.D

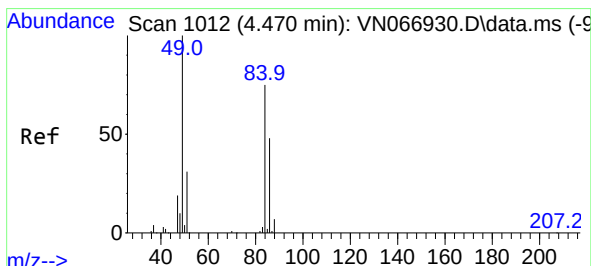
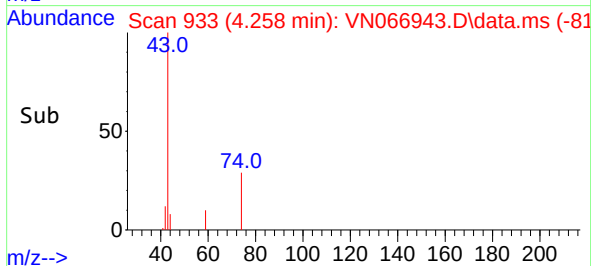
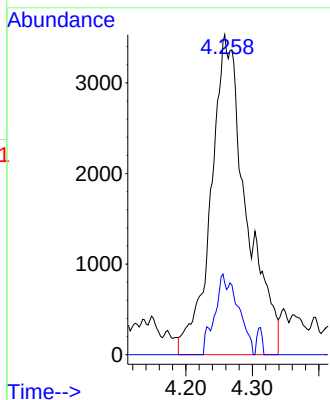
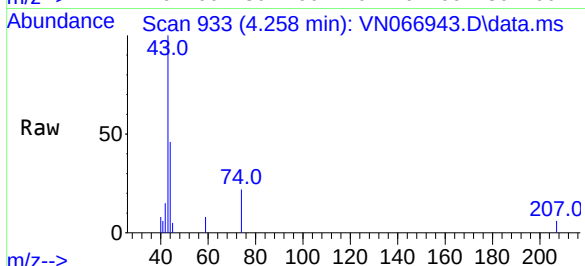
Acq: 4 May 2021 18:16

Tgt Ion: 43 Resp: 12940

Ion Ratio Lower Upper

43 100

74 8.5 19.5 29.3#



#20

Methylene Chloride

Concen: 40.90 ug/l

RT: 4.470 min Scan# 1012

Delta R.T. 0.000 min

Lab File: VN066943.D

Acq: 4 May 2021 18:16

Tgt Ion: 84 Resp: 285764

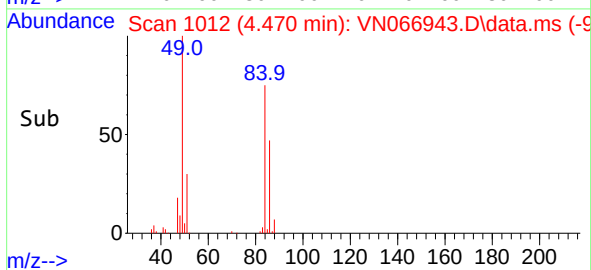
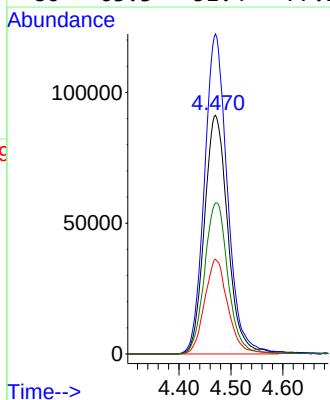
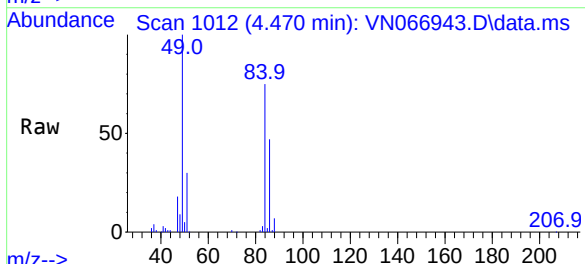
Ion Ratio Lower Upper

84 100

49 134.0 94.6 141.8

51 39.7 29.9 44.9

86 63.3 51.4 77.2



Instrument :

MSVOA_N

ClientSampleId :

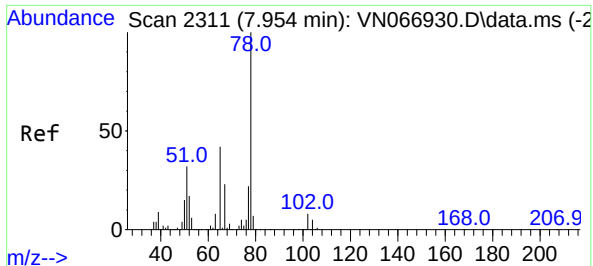
PB136139ZHE#06

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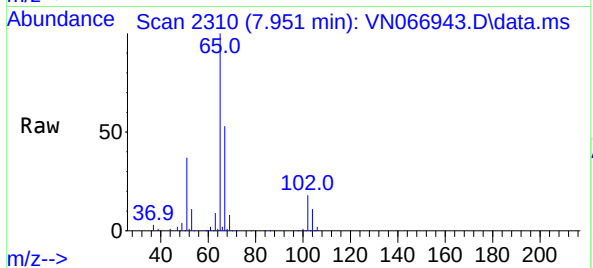
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#33
1,2-Dichloroethane-d4
Concen: 50.03 ug/l
RT: 7.951 min Scan# 2310
Delta R.T. -0.003 min
Lab File: VN066943.D
Acq: 4 May 2021 18:16

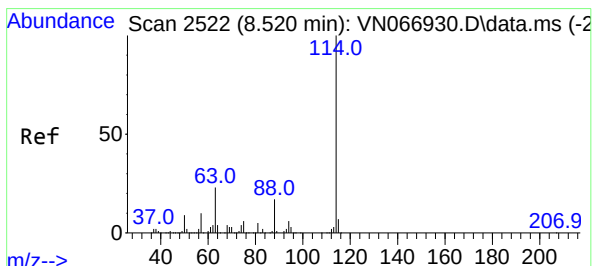
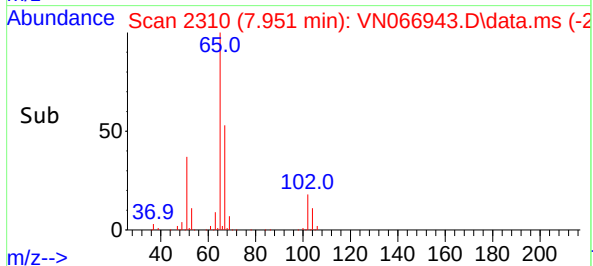
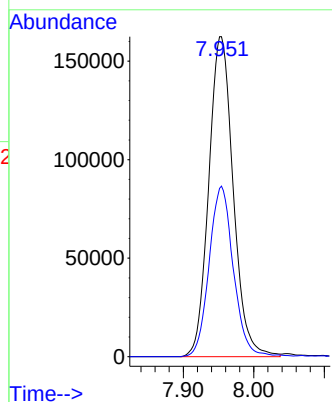
Instrument :
MSVOA_N
ClientSampleId :
PB136139ZHE#06



Tgt Ion: 65 Resp: 391710
Ion Ratio Lower Upper
65 100
67 52.6 0.0 107.2

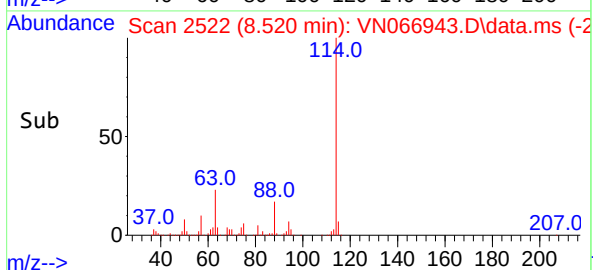
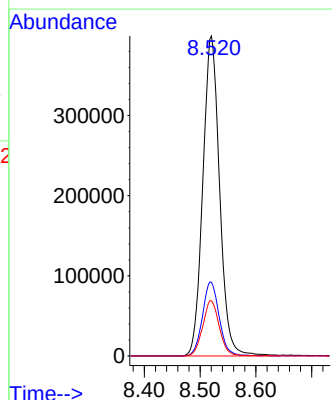
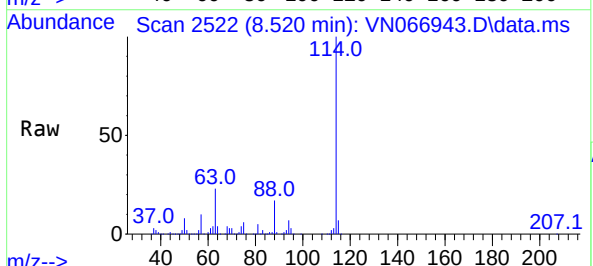
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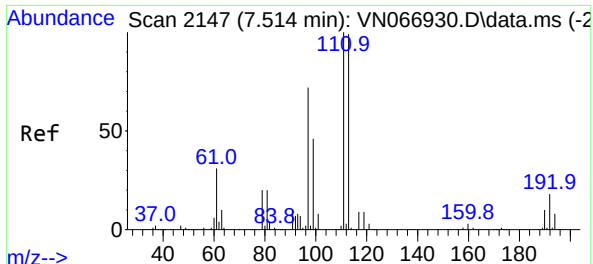
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#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.520 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VN066943.D
Acq: 4 May 2021 18:16

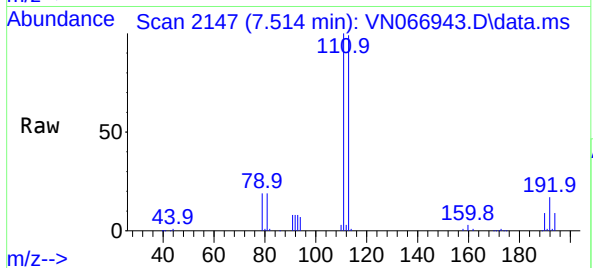
Tgt Ion: 114 Resp: 836066
Ion Ratio Lower Upper
114 100
63 23.0 0.0 38.6
88 17.3 0.0 30.6





#35
Dibromofluoromethane
Concen: 49.09 ug/l
RT: 7.514 min Scan# 2147
Delta R.T. 0.000 min
Lab File: VN066943.D
Acq: 4 May 2021 18:16

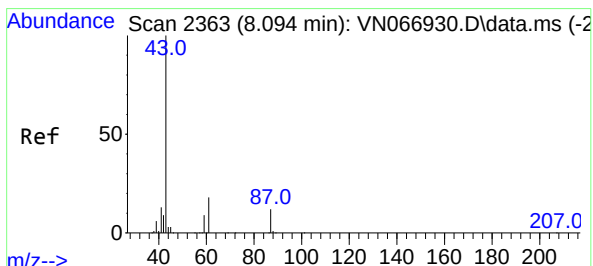
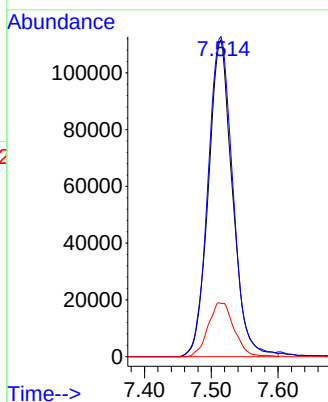
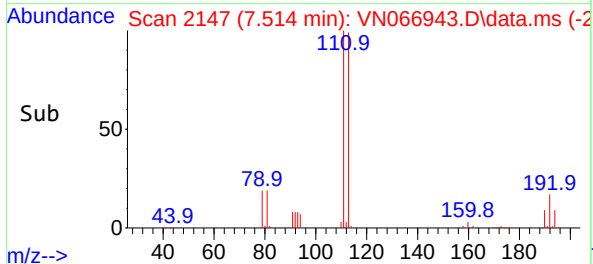
Instrument :
MSVOA_N
ClientSampleId :
PB136139ZHE#06



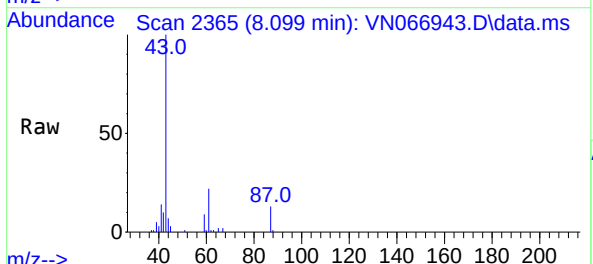
Tgt Ion:113 Resp: 278715
Ion Ratio Lower Upper
113 100
111 104.3 82.2 123.2
192 18.2 15.4 23.0

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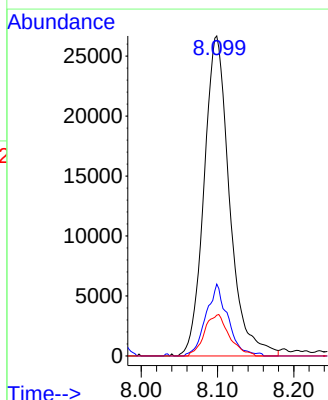
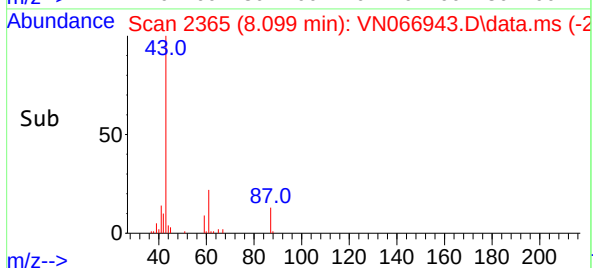
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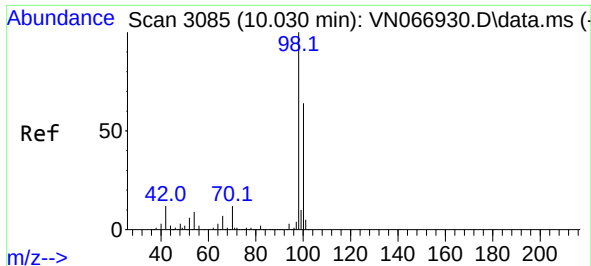


#43
Isopropyl Acetate
Concen: 4.30 ug/l
RT: 8.099 min Scan# 2365
Delta R.T. 0.005 min
Lab File: VN066943.D
Acq: 4 May 2021 18:16



Tgt Ion: 43 Resp: 61961
Ion Ratio Lower Upper
43 100
61 19.3 22.5 33.7#
87 12.6 11.1 16.7





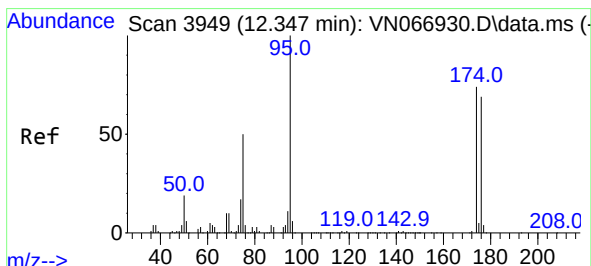
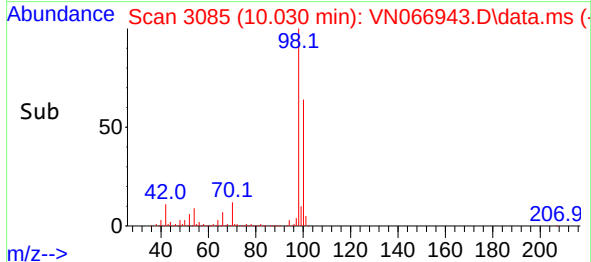
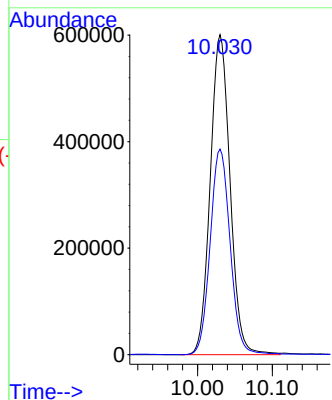
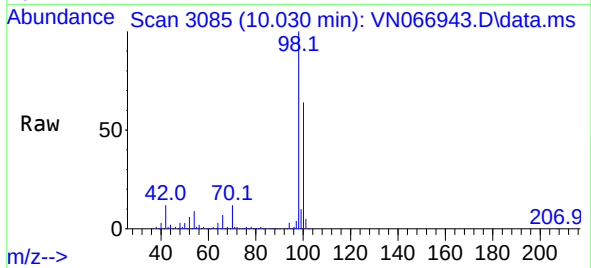
#50
Toluene-d8
Concen: 51.16 ug/l
RT: 10.030 min Scan# 3085
Delta R.T. 0.000 min
Lab File: VN066943.D
Acq: 4 May 2021 18:16

Tgt Ion: 98 Resp: 1106042
Ion Ratio Lower Upper
98 100
100 64.6 50.5 75.7

Instrument :
MSVOA_N
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PB136139ZHE#06

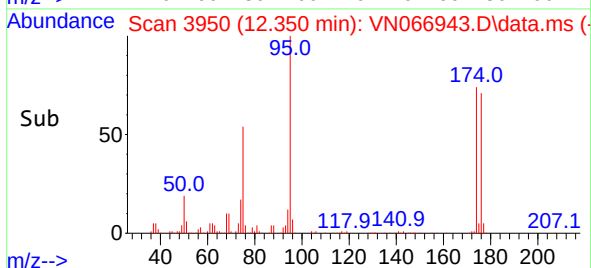
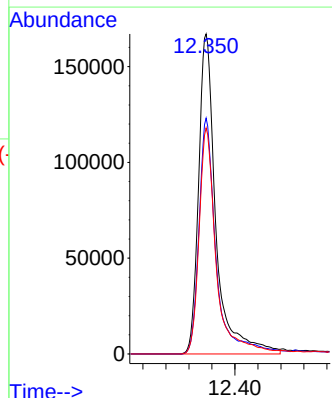
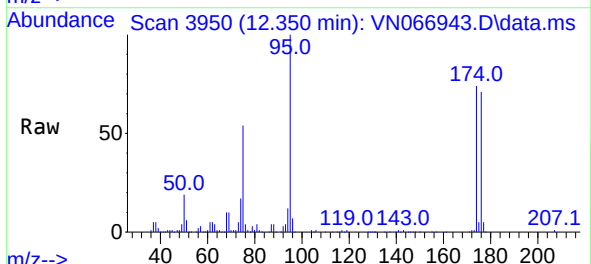
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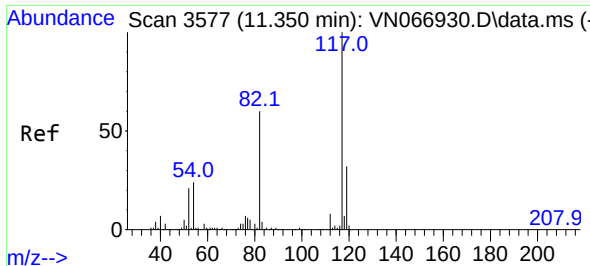
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#62
4-Bromofluorobenzene
Concen: 47.87 ug/l
RT: 12.350 min Scan# 3950
Delta R.T. 0.003 min
Lab File: VN066943.D
Acq: 4 May 2021 18:16

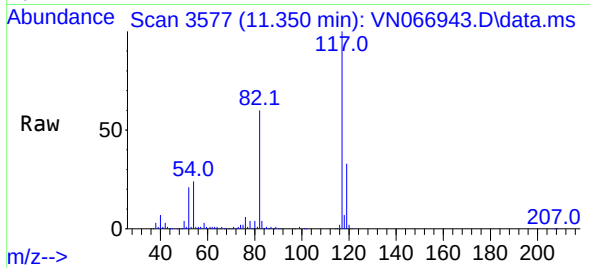
Tgt Ion: 95 Resp: 350483
Ion Ratio Lower Upper
95 100
174 73.3 0.0 169.0
176 69.5 0.0 162.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.350 min Scan# 3577
Delta R.T. -0.000 min
Lab File: VN066943.D
Acq: 4 May 2021 18:16

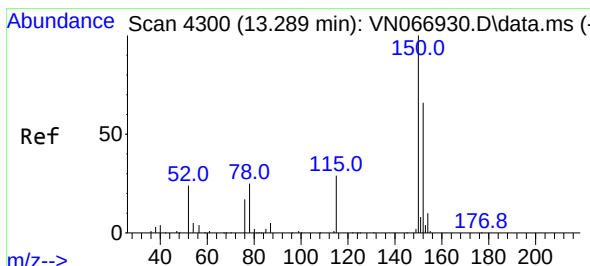
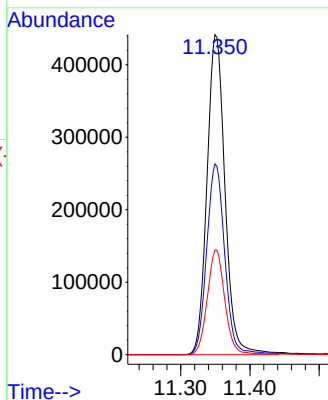
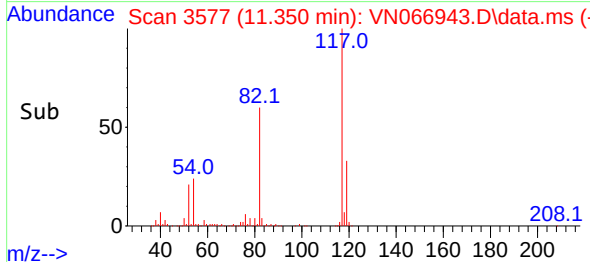
Instrument :
MSVOA_N
ClientSampleId :
PB136139ZHE#06



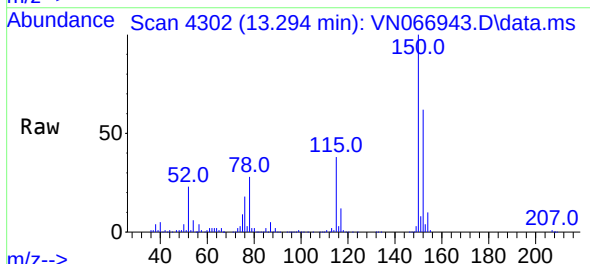
Tgt Ion:117 Resp: 798056
Ion Ratio Lower Upper
117 100
82 59.6 43.7 65.5
119 32.7 26.1 39.1

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.294 min Scan# 4302
Delta R.T. 0.005 min
Lab File: VN066943.D
Acq: 4 May 2021 18:16



Tgt Ion:152 Resp: 275127
Ion Ratio Lower Upper
152 100
115 63.0 28.5 85.6
150 169.1 0.0 347.6

