

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012821\
 Data File : VN065648.D
 Acq On : 28 Jan 2021 14:38
 Operator : JC/MD
 Sample : PB134373ZHE#11
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB134373ZHE#11

Quant Time: Jan 29 01:22:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:47:28 2021
 Response via : Initial Calibration

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

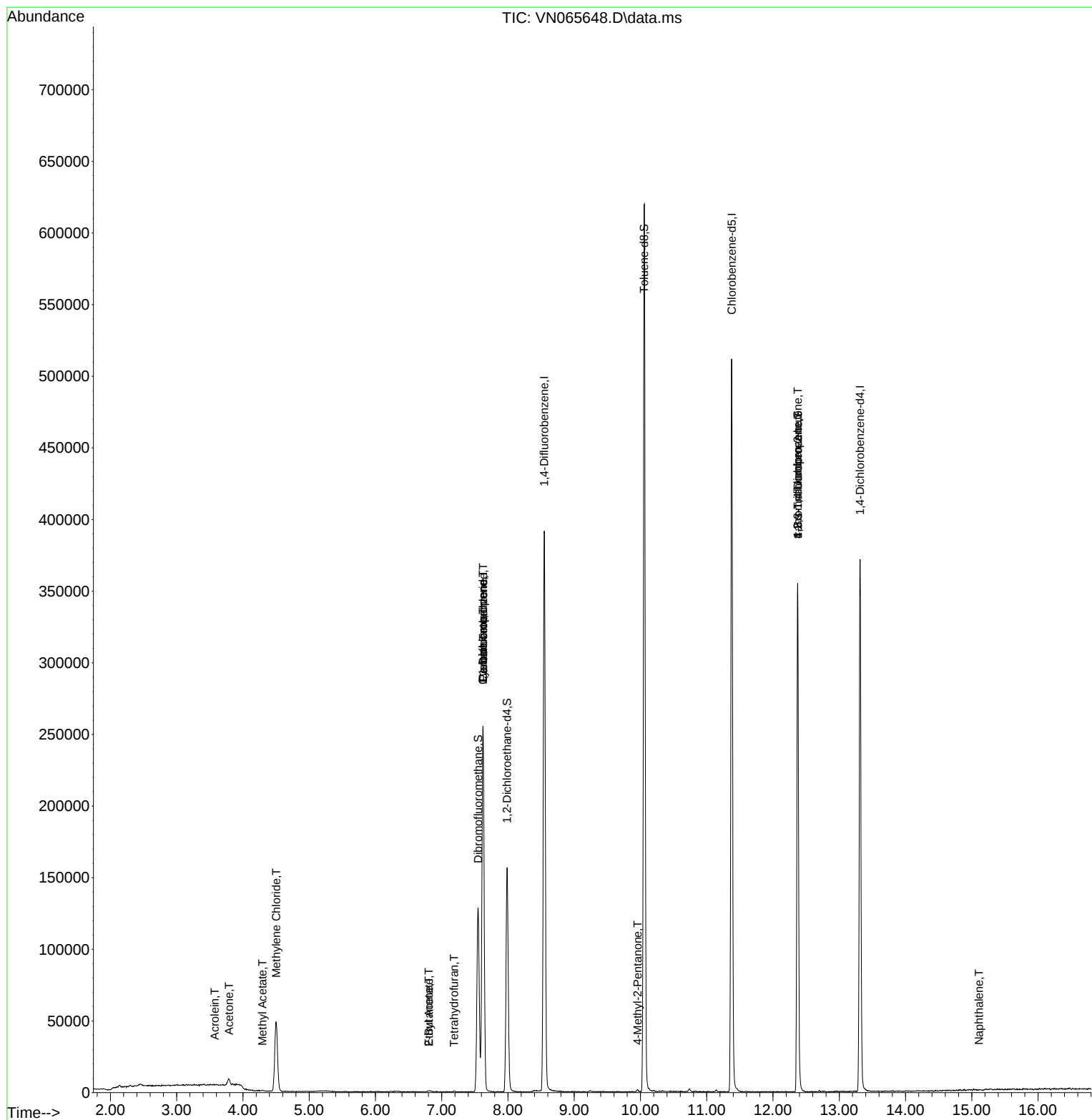
Internal Standards						
1) Pentafluorobenzene	7.624	168	210258	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	361098	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	310095	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	107743	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	131866	47.67	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.34%		
35) Dibromofluoromethane	7.550	113	103092	48.18	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.36%		
50) Toluene-d8	10.055	98	448964	53.38	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	106.76%		
62) 4-Bromofluorobenzene	12.373	95	145052	47.89	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.78%		
Target Compounds					Qvalue	
13) Acrolein	3.573	56	61	18.21	ug/l #	15
16) Acetone	3.788	43	7249	6.73	ug/l	100
18) Methyl Acetate	4.293	43	768	0.25	ug/l #	51
20) Methylene Chloride	4.502	84	36357	12.19	ug/l	95
25) 2-Butanone	6.804	43	2357	1.40	ug/l #	89
29) Tetrahydrofuran	7.187	42	512	0.42	ug/l #	32
31) Cyclohexane	7.621	56	4224	0.81	ug/l #	1
36) 1,1-Dichloropropene	7.621	75	17185	4.73	ug/l #	47
37) Ethyl Acetate	6.804	43	2357	0.68	ug/l #	68
38) Carbon Tetrachloride	7.624	117	19865	6.64	ug/l #	17
51) 4-Methyl-2-Pentanone	9.955	43	1624	0.48	ug/l #	72
76) 1,2,3-Trichloropropane	12.373	75	67333	23.90	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	67333	61.21	ug/l #	12
95) Naphthalene	15.109	128	62	3.46	ug/l #	69

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

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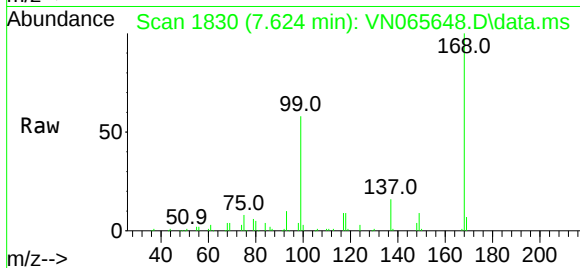
Quant Time: Jan 29 01:22:54 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 25 13:47:28 2021
Response via : Initial Calibration



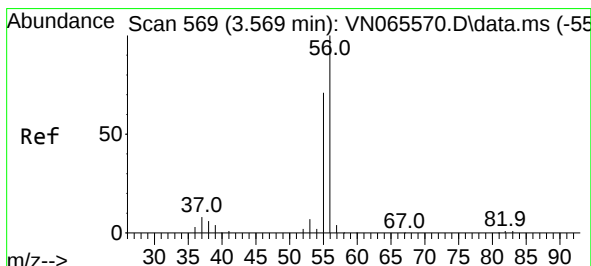
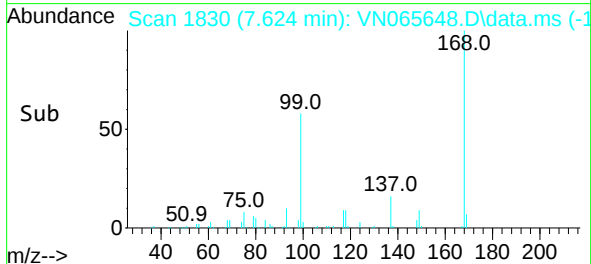
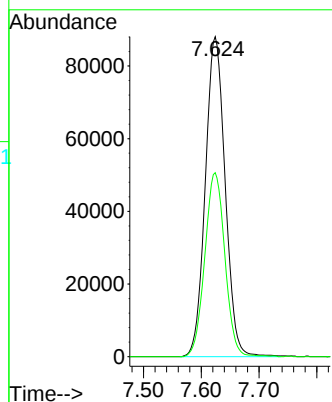


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN065648.D
Acq: 28 Jan 2021 14:38

Instrument :
MSVOA_N
ClientSampleId :
PB134373ZHE#11

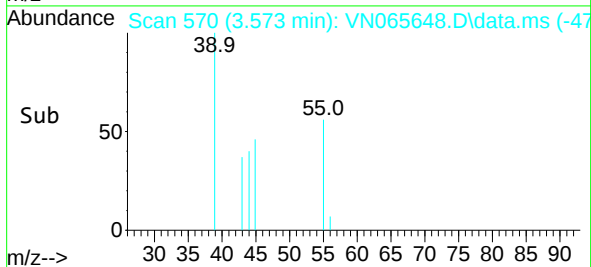
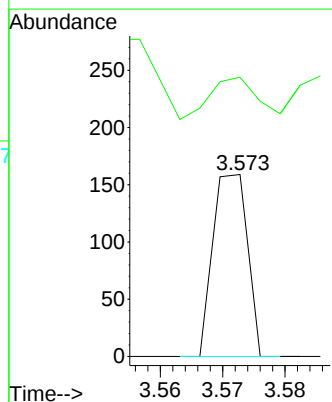
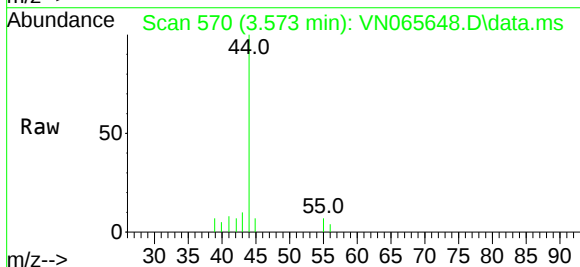


Tgt Ion:168 Resp: 210258
Ion Ratio Lower Upper
168 100
99 57.5 42.6 63.8



#13
Acrolein
Concen: 18.21 ug/l
RT: 3.573 min Scan# 570
Delta R.T. 0.004 min
Lab File: VN065648.D
Acq: 28 Jan 2021 14:38

Tgt Ion: 56 Resp: 61
Ion Ratio Lower Upper
56 100
55 0.0 56.0 84.0#

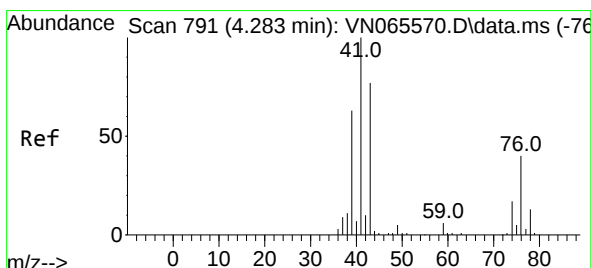
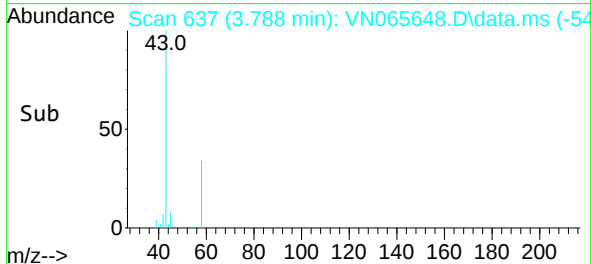
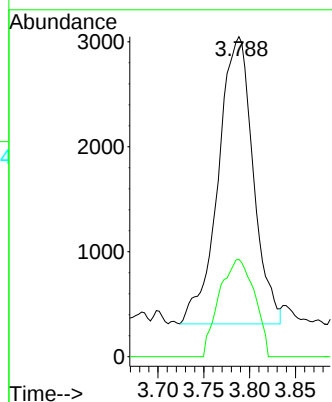
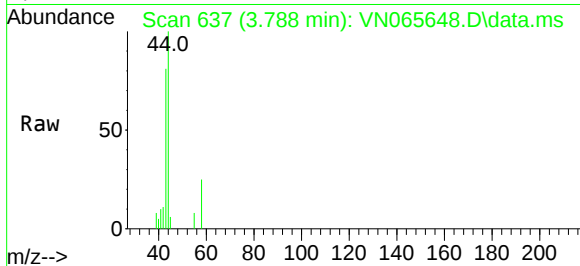




#16
Acetone
Concen: 6.73 ug/l
RT: 3.788 min Scan# 637
Delta R.T. 0.006 min
Lab File: VN065648.D
Acq: 28 Jan 2021 14:38

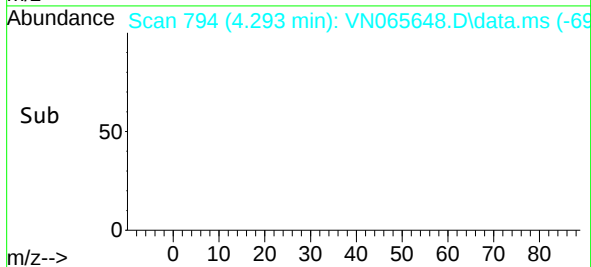
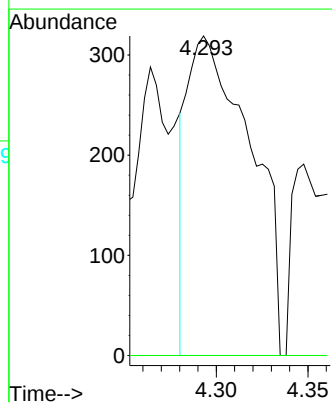
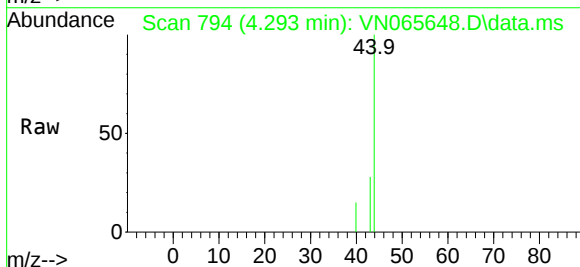
Instrument :
MSVOA_N
ClientSampleId :
PB134373ZHE#11

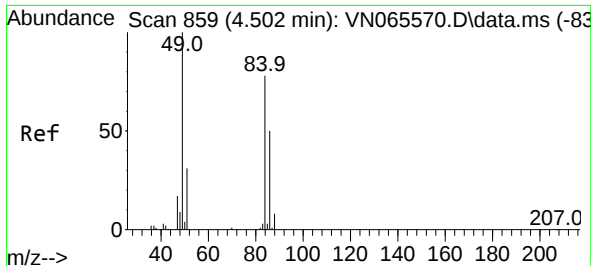
Tgt Ion: 43 Resp: 7249
Ion Ratio Lower Upper
43 100
58 33.9 27.0 40.6



#18
Methyl Acetate
Concen: 0.25 ug/l
RT: 4.293 min Scan# 794
Delta R.T. 0.010 min
Lab File: VN065648.D
Acq: 28 Jan 2021 14:38

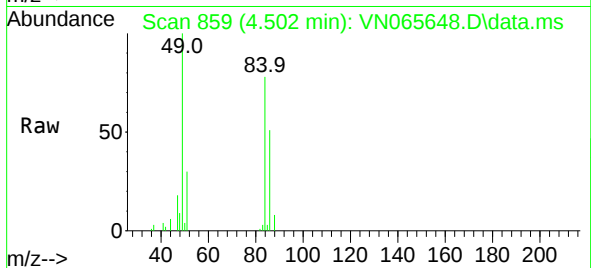
Tgt Ion: 43 Resp: 768
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#



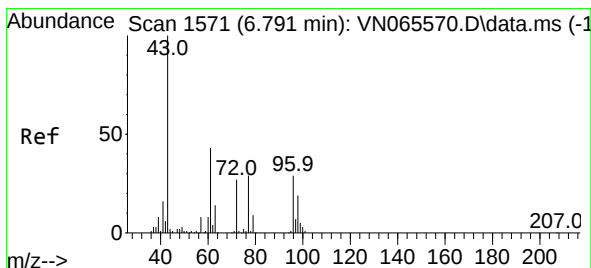
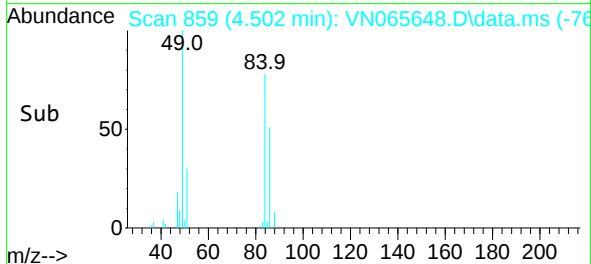
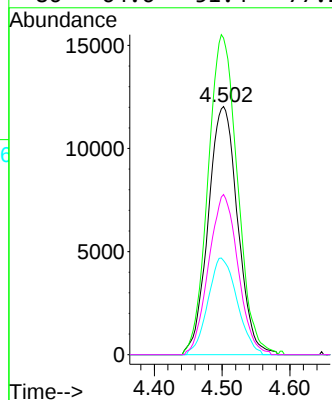


#20
Methylene Chloride
Concen: 12.19 ug/l
RT: 4.502 min Scan# 859
Delta R.T. 0.000 min
Lab File: VN065648.D
Acq: 28 Jan 2021 14:38

Instrument :
MSVOA_N
ClientSampleId :
PB134373ZHE#11

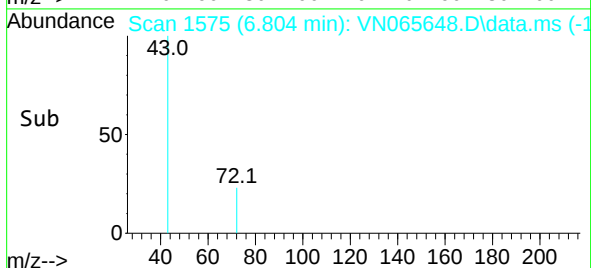
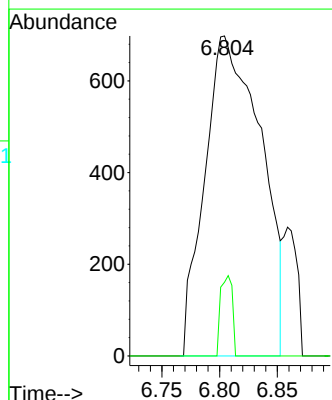
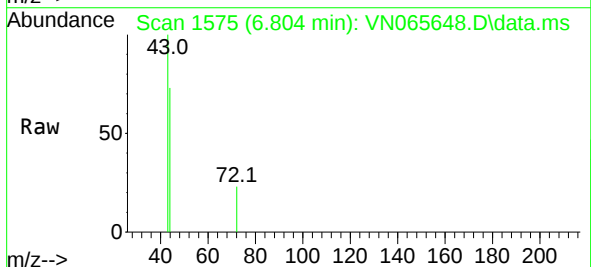


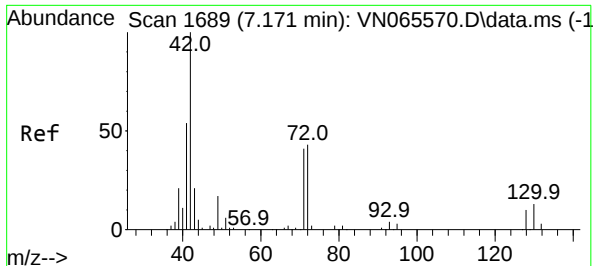
Tgt Ion: 84	Resp: 36357
Ion Ratio	Lower Upper
84 100	
49 127.7	94.6 141.8
51 37.9	29.9 44.9
86 64.6	51.4 77.2



#25
2-Butanone
Concen: 1.40 ug/l
RT: 6.804 min Scan# 1575
Delta R.T. 0.013 min
Lab File: VN065648.D
Acq: 28 Jan 2021 14:38

Tgt Ion: 43	Resp: 2357		
Ion Ratio	Lower	Upper	
43 100			
72 23.1	23.1	34.7#	





#29

Tetrahydrofuran

Concen: 0.42 ug/l

RT: 7.187 min Scan# 1694

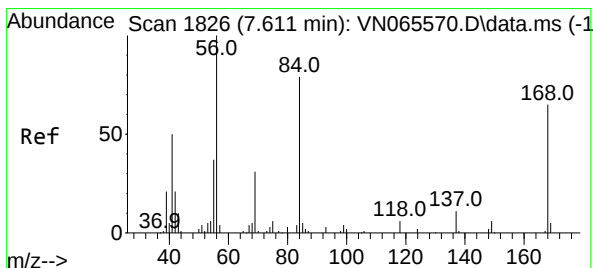
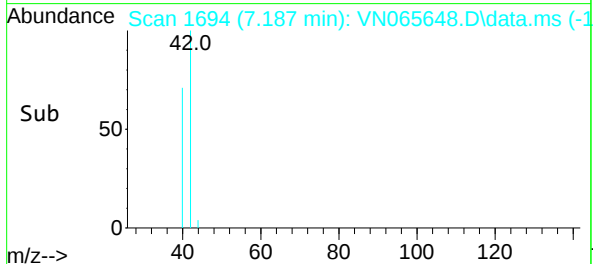
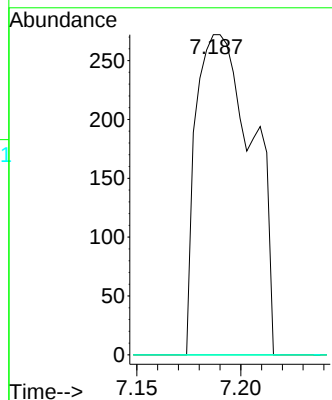
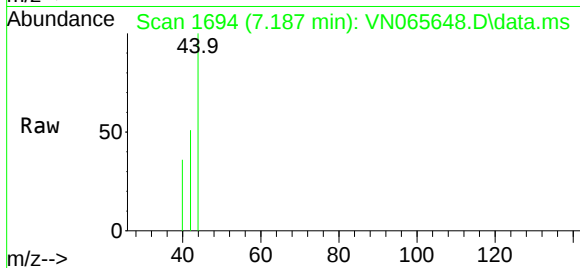
Delta R.T. 0.016 min

Lab File: VN065648.D

Acq: 28 Jan 2021 14:38

Tgt Ion:	42	Resp:	512
Ion	Ratio	Lower	Upper
42	100		
72	0.0	36.6	55.0#
71	0.0	34.3	51.5#

Instrument :
MSVOA_N
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PB134373ZHE#11



#31

Cyclohexane

Concen: 0.81 ug/l

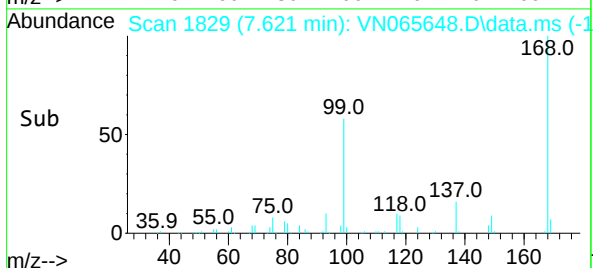
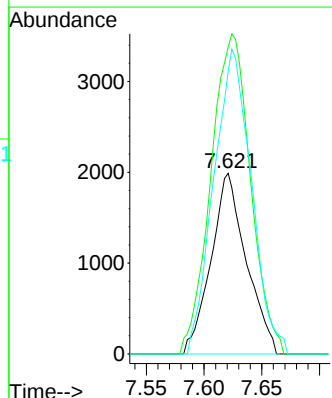
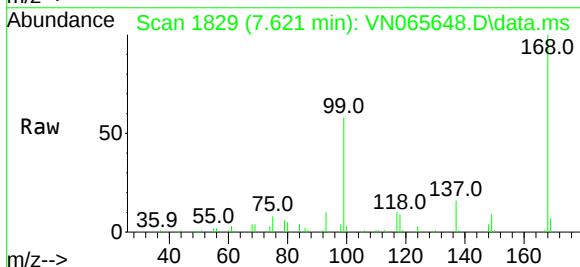
RT: 7.621 min Scan# 1829

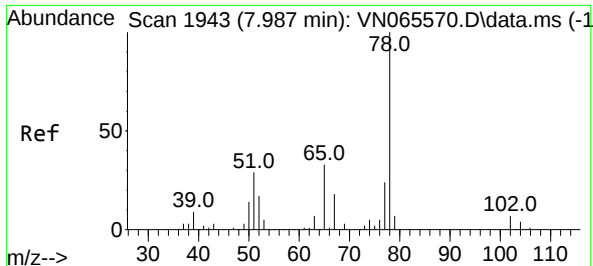
Delta R.T. 0.010 min

Lab File: VN065648.D

Acq: 28 Jan 2021 14:38

Tgt Ion:	56	Resp:	4224
Ion	Ratio	Lower	Upper
56	100		
69	169.9	26.6	39.8#
84	156.6	70.4	105.6#





#33

1,2-Dichloroethane-d4

Concen: 47.67 ug/l

RT: 7.987 min Scan# 1943

Delta R.T. 0.000 min

Lab File: VN065648.D

Acq: 28 Jan 2021 14:38

Tgt Ion: 65 Resp: 131866

Ion Ratio Lower Upper

65 100

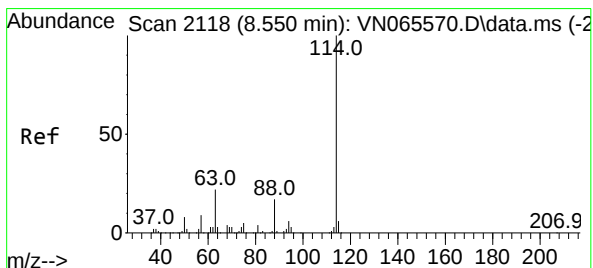
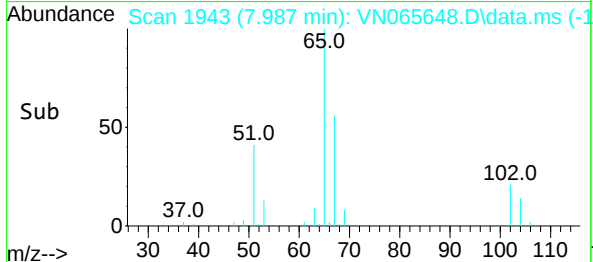
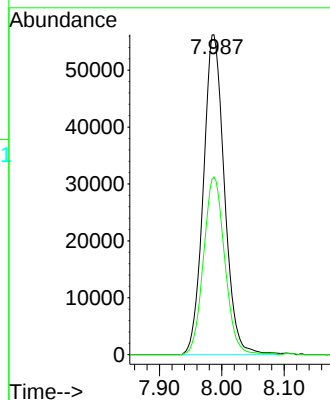
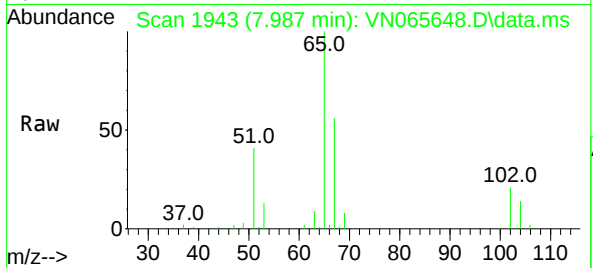
67 56.1 0.0 107.2

Instrument :

MSVOA_N

ClientSampleId :

PB134373ZHE#11



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.547 min Scan# 2117

Delta R.T. -0.003 min

Lab File: VN065648.D

Acq: 28 Jan 2021 14:38

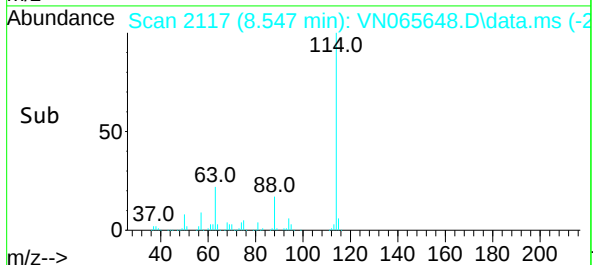
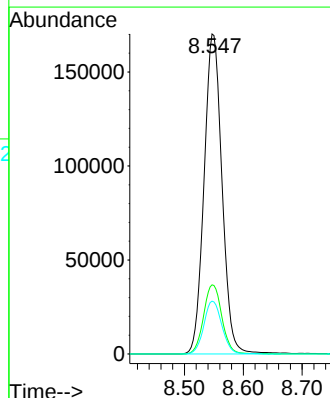
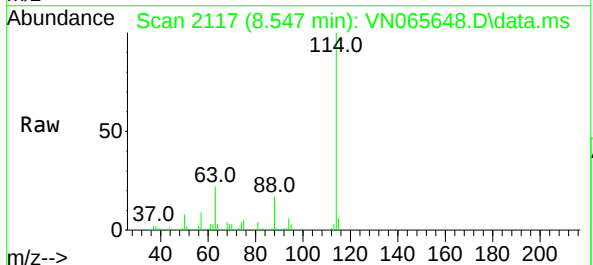
Tgt Ion: 114 Resp: 361098

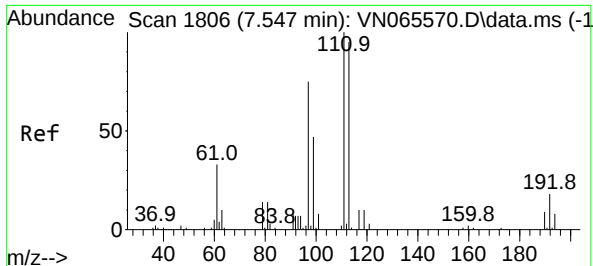
Ion Ratio Lower Upper

114 100

63 21.6 0.0 38.6

88 16.5 0.0 30.6

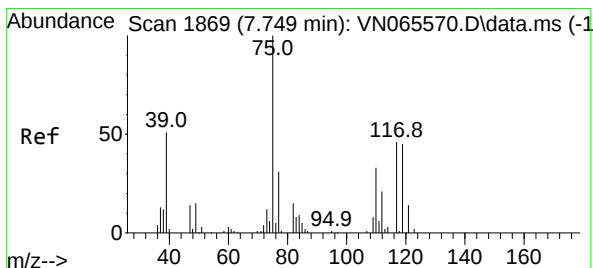
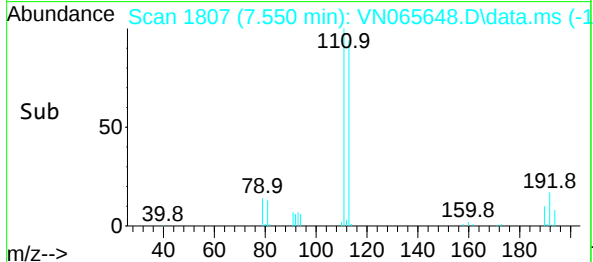
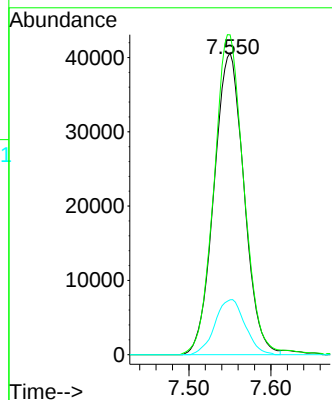
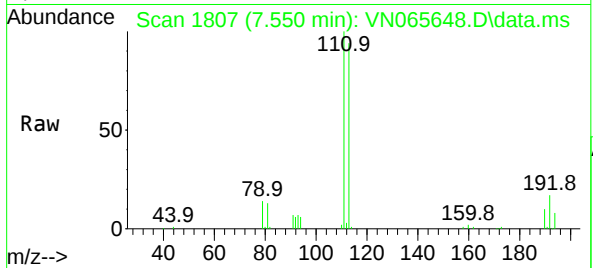




#35
Dibromofluoromethane
Concen: 48.18 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VN065648.D
Acq: 28 Jan 2021 14:38

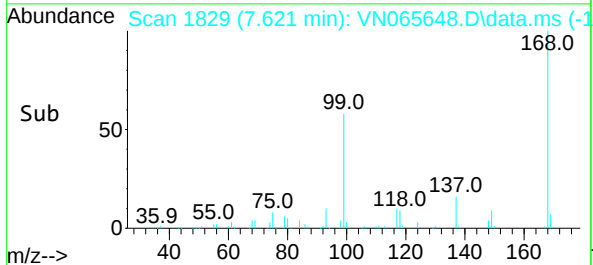
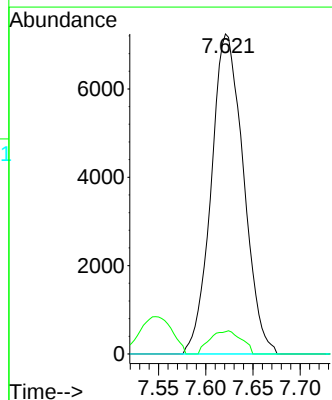
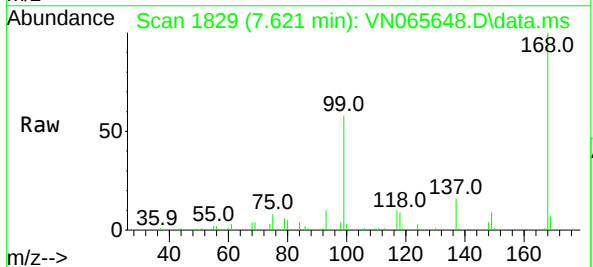
Instrument :
MSVOA_N
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PB134373ZHE#11

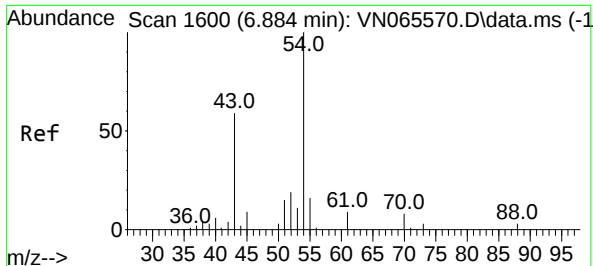
Tgt Ion:113 Resp: 103092
Ion Ratio Lower Upper
113 100
111 105.9 82.2 123.2
192 18.3 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.73 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.128 min
Lab File: VN065648.D
Acq: 28 Jan 2021 14:38

Tgt Ion: 75 Resp: 17185
Ion Ratio Lower Upper
75 100
110 7.1 18.2 54.6#
77 0.0 24.9 37.3#





#37

Ethyl Acetate

Concen: 0.68 ug/l

RT: 6.804 min Scan# 1575

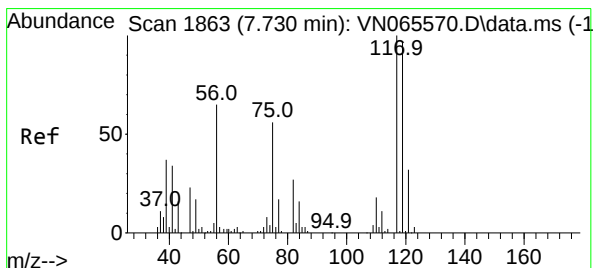
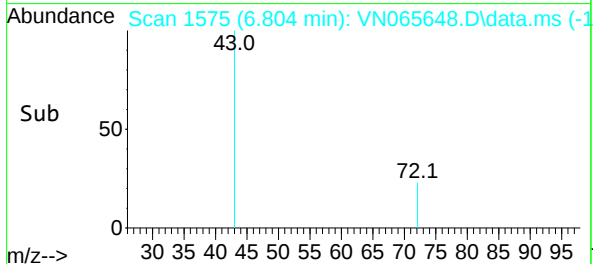
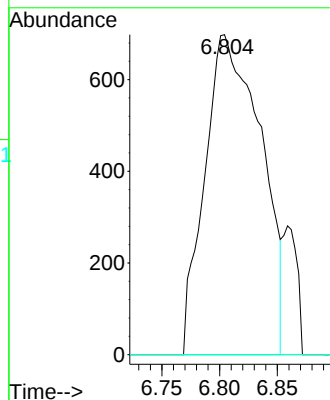
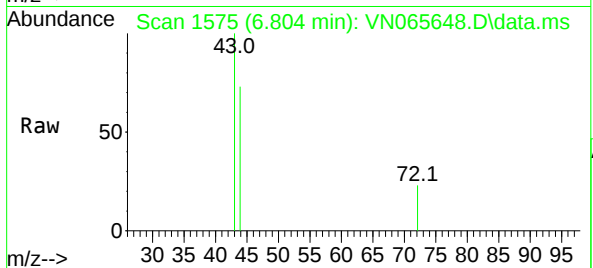
Delta R.T. -0.080 min

Lab File: VN065648.D

Acq: 28 Jan 2021 14:38

Instrument :
MSVOA_N
ClientSampleId :
PB134373ZHE#11

Tgt Ion:	43	Resp:	2357
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.6	17.4#
70	0.0	8.6	13.0#



#38

Carbon Tetrachloride

Concen: 6.64 ug/l

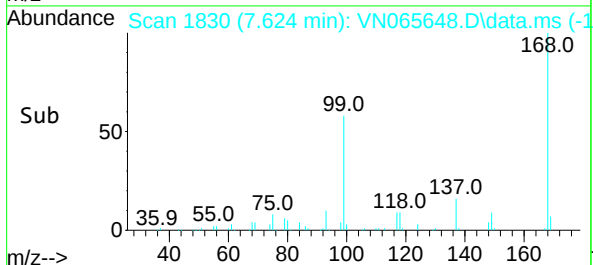
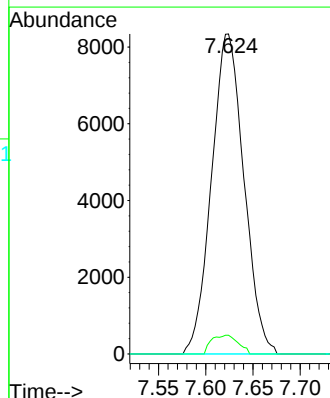
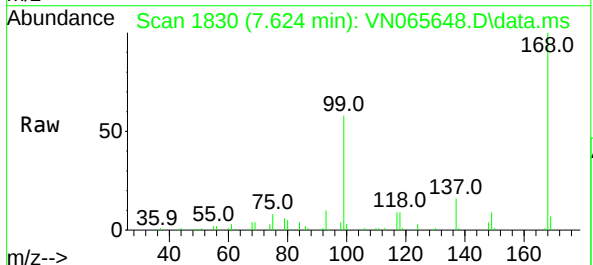
RT: 7.624 min Scan# 1830

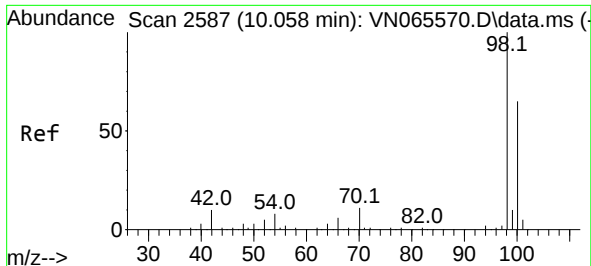
Delta R.T. -0.106 min

Lab File: VN065648.D

Acq: 28 Jan 2021 14:38

Tgt Ion:	117	Resp:	19865
Ion	Ratio	Lower	Upper
117	100		
119	5.9	76.0	114.0#
121	0.0	24.5	36.7#

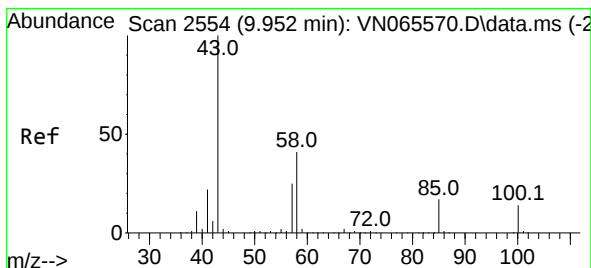
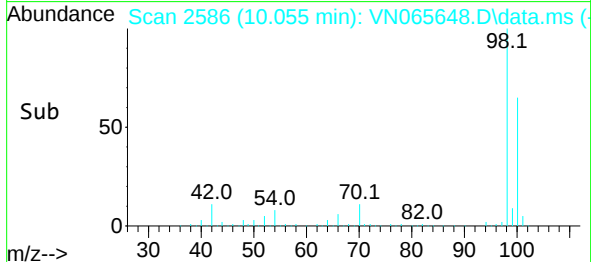
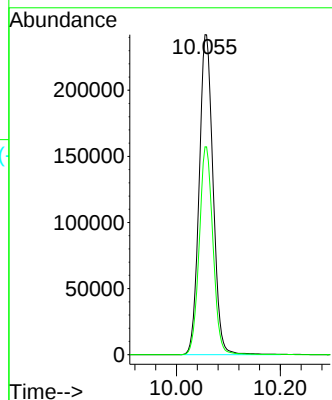
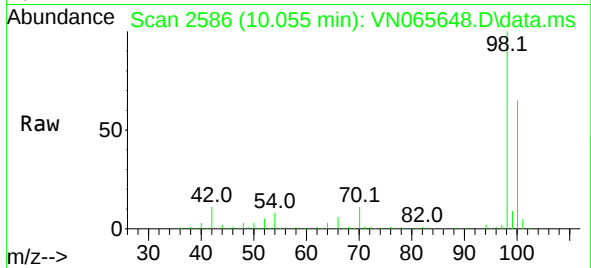




#50
Toluene-d8
Concen: 53.38 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. -0.003 min
Lab File: VN065648.D
Acq: 28 Jan 2021 14:38

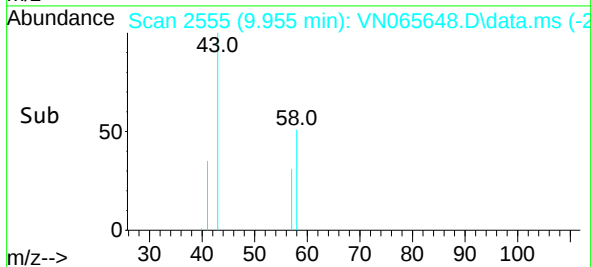
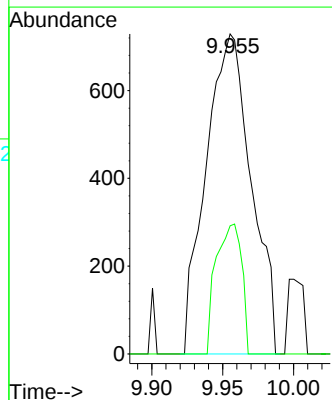
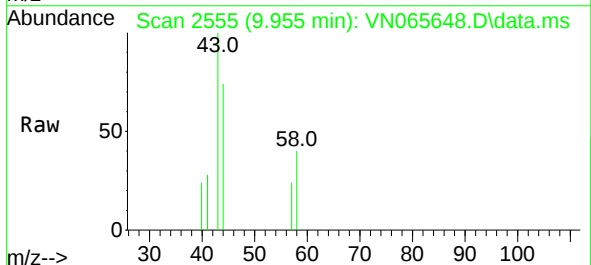
Instrument :
MSVOA_N
ClientSampleId :
PB134373ZHE#11

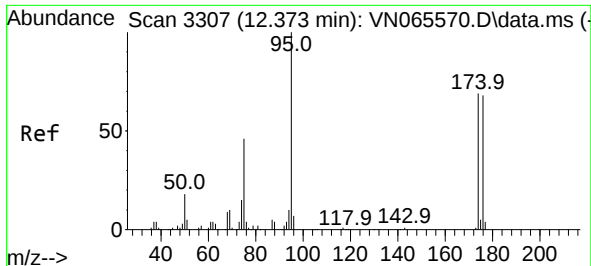
Tgt Ion: 98 Resp: 448964
Ion Ratio Lower Upper
98 100
100 64.2 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 0.48 ug/l
RT: 9.955 min Scan# 2555
Delta R.T. 0.003 min
Lab File: VN065648.D
Acq: 28 Jan 2021 14:38

Tgt Ion: 43 Resp: 1624
Ion Ratio Lower Upper
43 100
58 22.9 32.5 48.7#

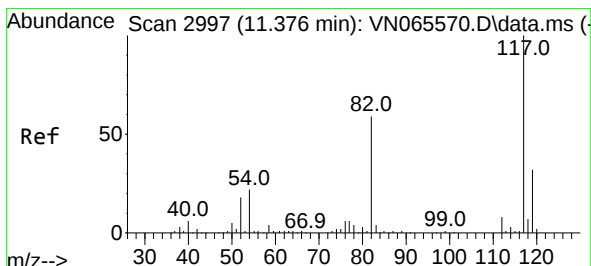
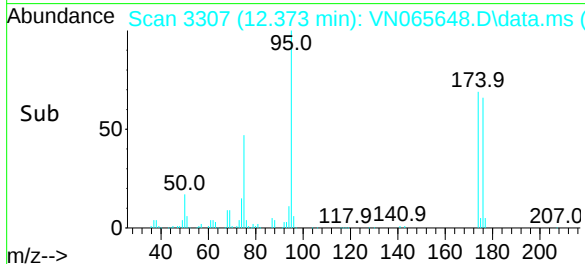
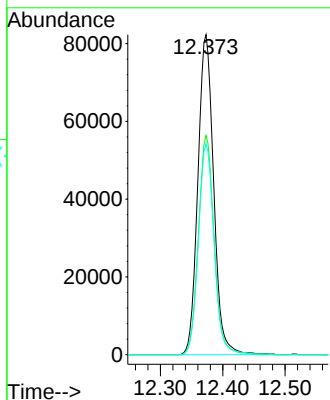
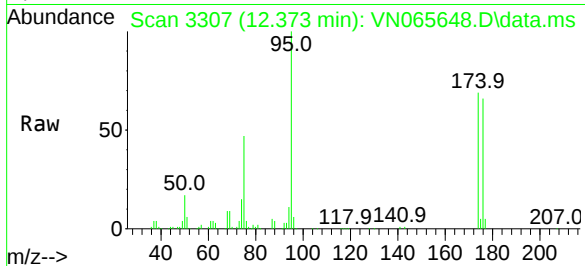




#62
4-Bromofluorobenzene
Concen: 47.89 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065648.D
Acq: 28 Jan 2021 14:38

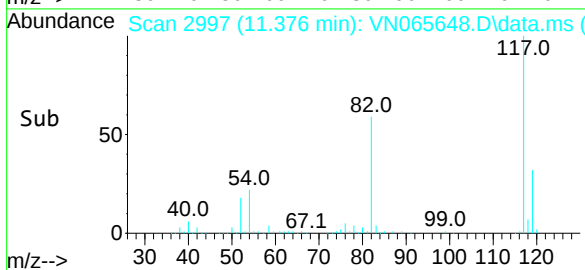
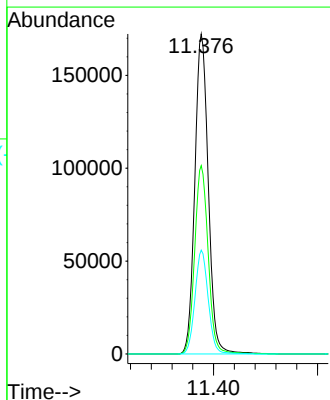
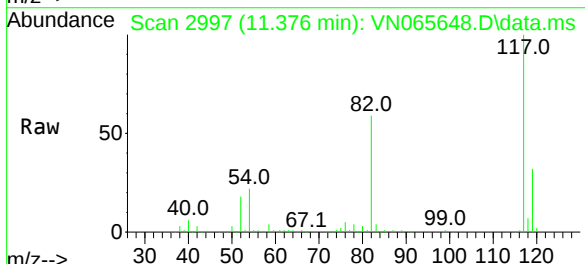
Instrument :
MSVOA_N
ClientSampleId :
PB134373ZHE#11

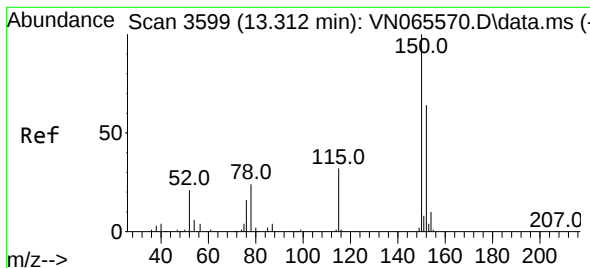
Tgt Ion: 95 Resp: 145052
Ion Ratio Lower Upper
95 100
174 67.9 0.0 169.0
176 65.8 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065648.D
Acq: 28 Jan 2021 14:38

Tgt Ion: 117 Resp: 310095
Ion Ratio Lower Upper
117 100
82 58.9 43.7 65.5
119 32.4 26.1 39.1

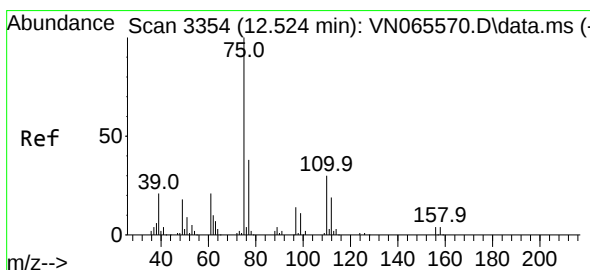
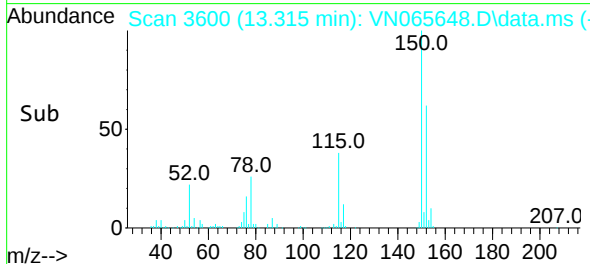
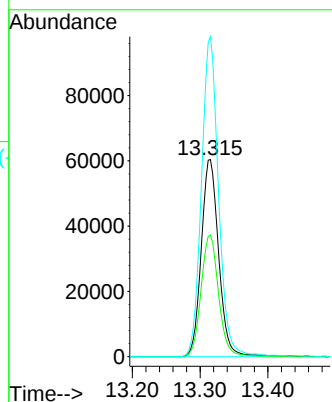
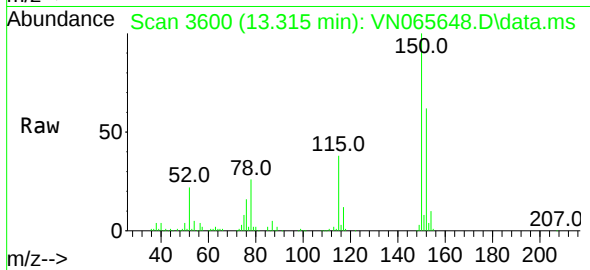




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.315 min Scan# 3600
 Delta R.T. 0.003 min
 Lab File: VN065648.D
 Acq: 28 Jan 2021 14:38

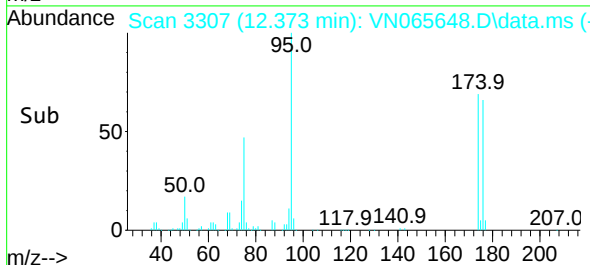
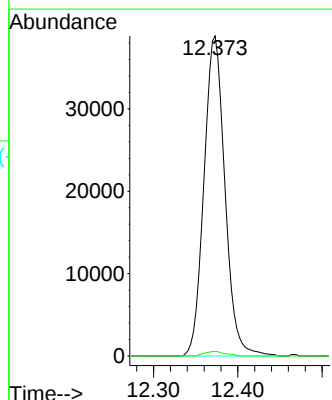
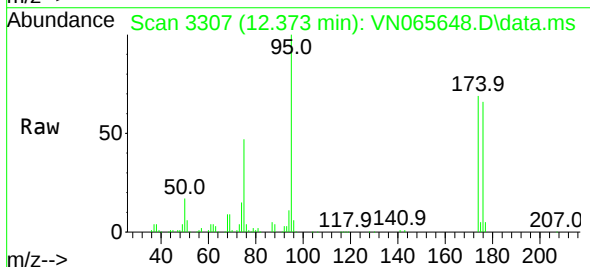
Instrument :
 MSVOA_N
 ClientSampleId :
 PB134373ZHE#11

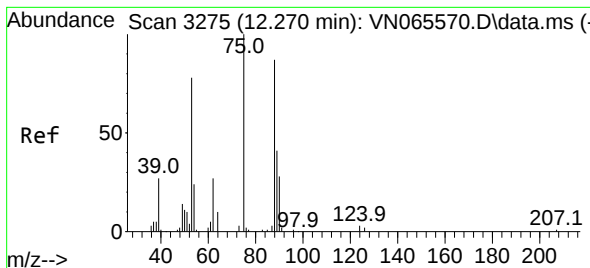
Tgt Ion:152 Resp: 107743
 Ion Ratio Lower Upper
 152 100
 115 61.9 28.5 85.6
 150 159.0 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 23.90 ug/l
 RT: 12.373 min Scan# 3307
 Delta R.T. -0.151 min
 Lab File: VN065648.D
 Acq: 28 Jan 2021 14:38

Tgt Ion: 75 Resp: 67333
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#

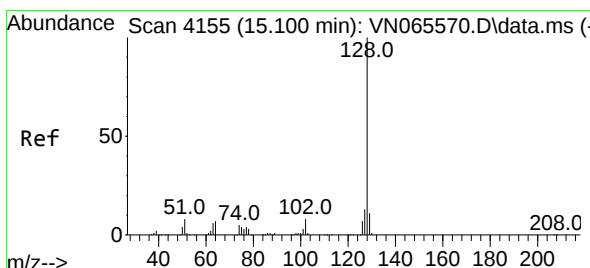
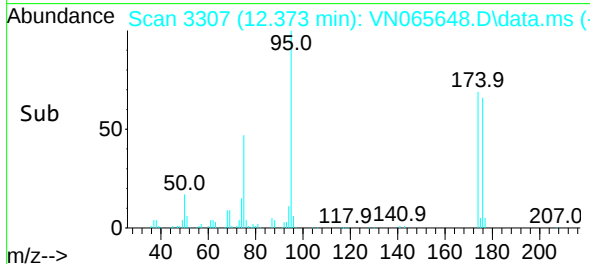
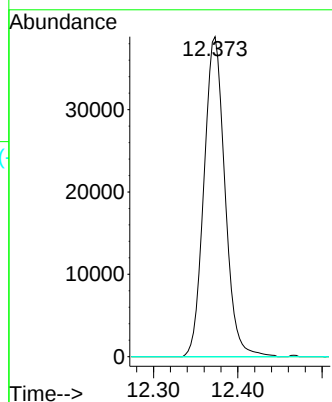
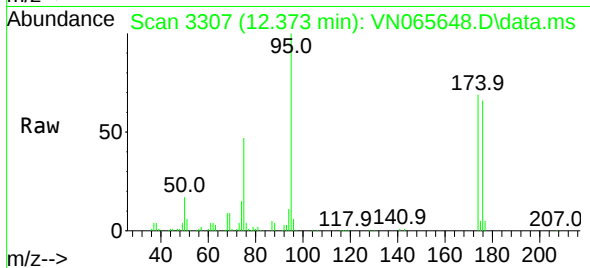




#81
trans-1,4-Dichloro-2-butene
Concen: 61.21 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065648.D
Acq: 28 Jan 2021 14:38

Instrument :
MSVOA_N
ClientSampleId :
PB134373ZHE#11

Tgt Ion: 75 Resp: 67333
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#



#95
Naphthalene
Concen: 3.46 ug/l
RT: 15.109 min Scan# 4158
Delta R.T. 0.009 min
Lab File: VN065648.D
Acq: 28 Jan 2021 14:38

Tgt Ion: 128 Resp: 62
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

