

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100720\
 Data File : VN063942.D
 Acq On : 7 Oct 2020 14:55
 Operator : JC/MD
 Sample : L4293-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-20201006

Quant Time: Oct 08 05:00:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	236768	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	431634	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	452107	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	182179	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	205556	52.55	ug/l	0.00
Spiked Amount			Recovery	=	105.10%	
35) Dibromofluoromethane	7.55	113	150094	50.11	ug/l	0.00
Spiked Amount			Recovery	=	100.22%	
50) Toluene-d8	10.06	98	565746	49.83	ug/l	0.00
Spiked Amount			Recovery	=	99.66%	
62) 4-Bromofluorobenzene	12.38	95	219629	51.46	ug/l	0.00
Spiked Amount			Recovery	=	102.92%	

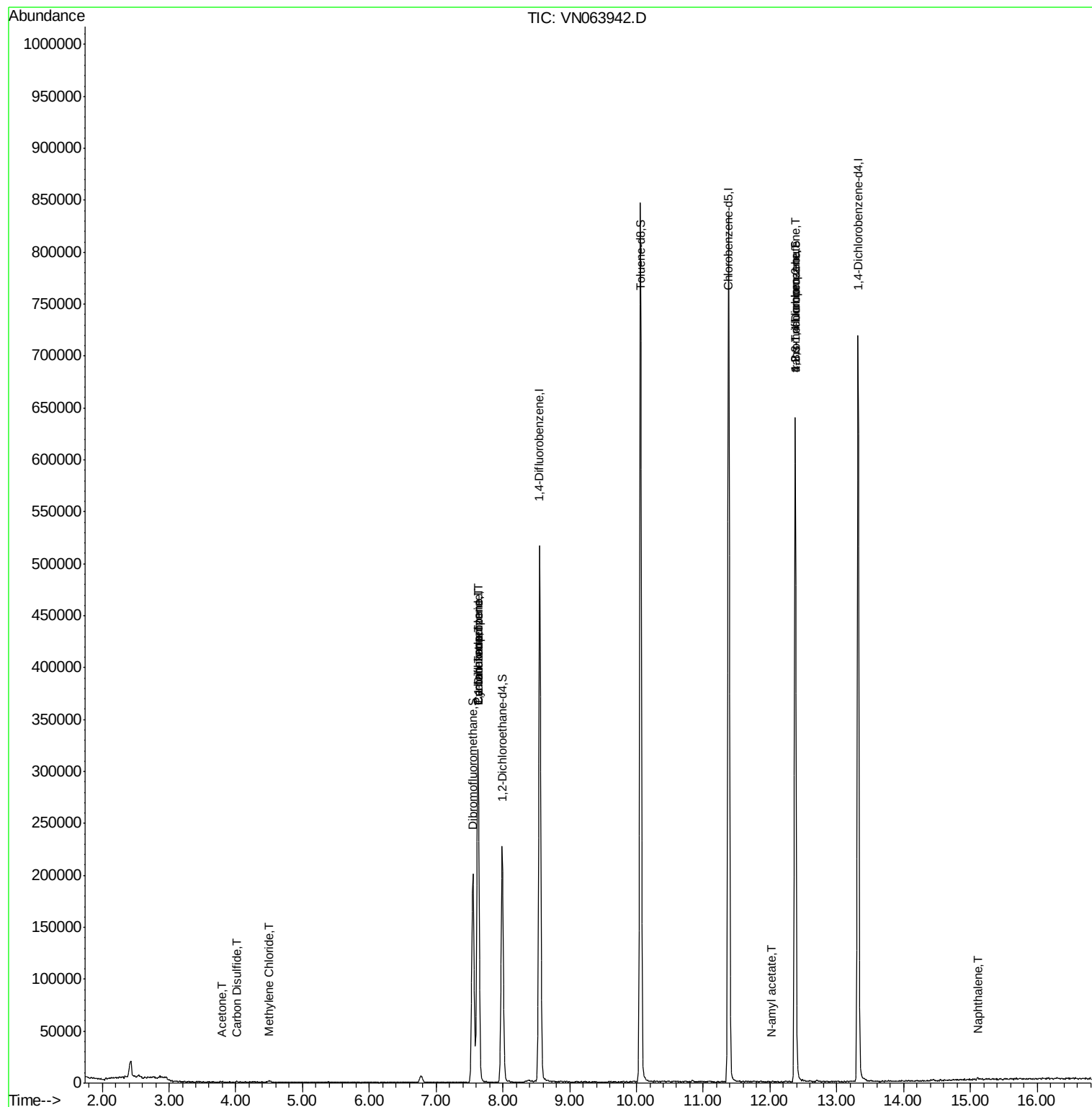
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	454	0.377	ug/l #	47
17) Carbon Disulfide	4.01	76	947	0.845	ug/l #	76
20) Methylene Chloride	4.50	84	441	0.258	ug/l #	55
31) Cyclohexane	7.63	56	6698	1.475	ug/l #	40
36) 1,1-Dichloropropene	7.63	75	22912	5.240	ug/l #	51
38) Carbon Tetrachloride	7.63	117	25415	5.183	ug/l #	15
74) N-amyl acetate	12.03	43	67	2.226	ug/l #	46
76) 1,2,3-Trichloropropane	12.38	75	120638	30.040	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	120638	86.519	ug/l #	6
95) Naphthalene	15.12	128	2353	2.155	ug/l #	72

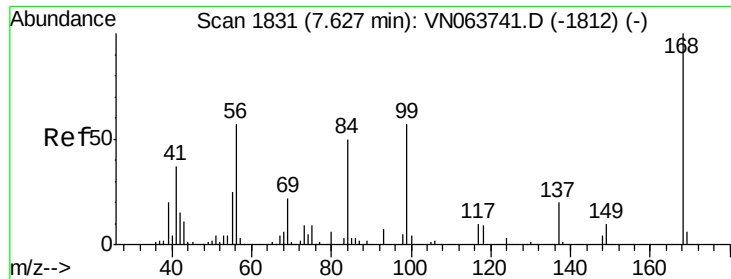
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN063942.D

Acq: 7 Oct 2020 14:55

Instrument :

MSVOA_N

ClientSampled :

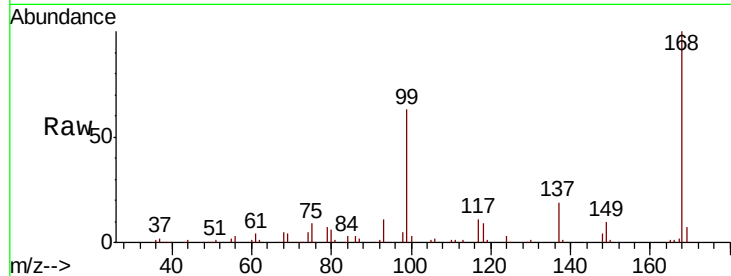
TB-20201006

Tot Ion:168 Resp: 236768

Ion Ratio Lower Upper

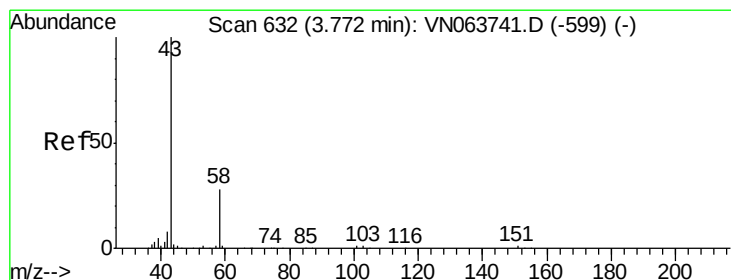
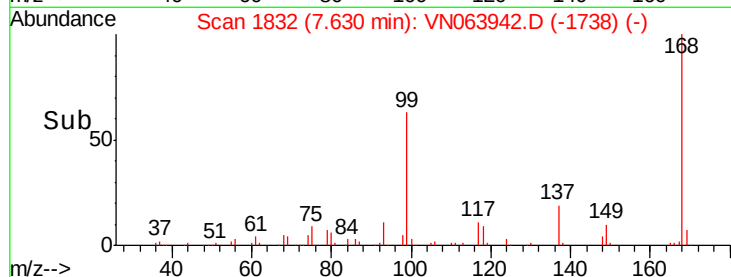
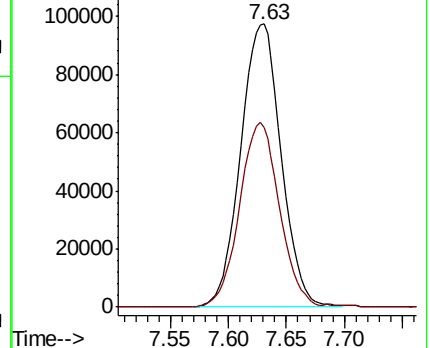
168 100

99 63.4 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 0.377 ug/l

RT: 3.78 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN063942.D

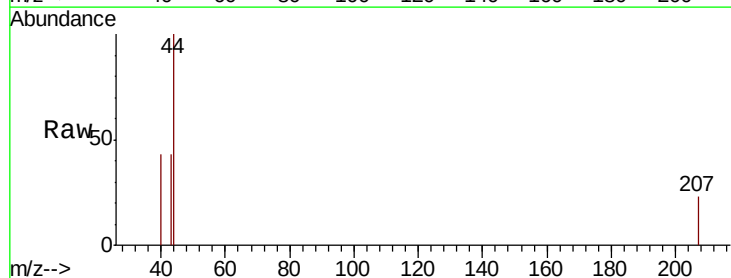
Acq: 7 Oct 2020 14:55

Tgt Ion: 43 Resp: 454

Ion Ratio Lower Upper

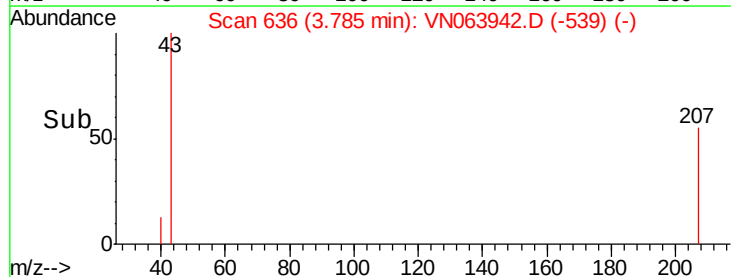
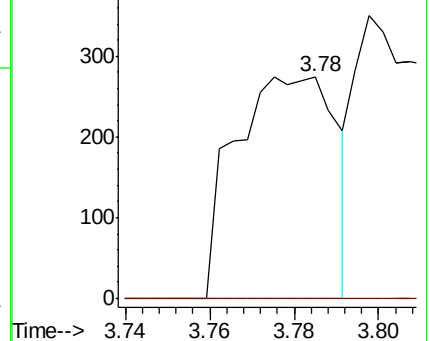
43 100

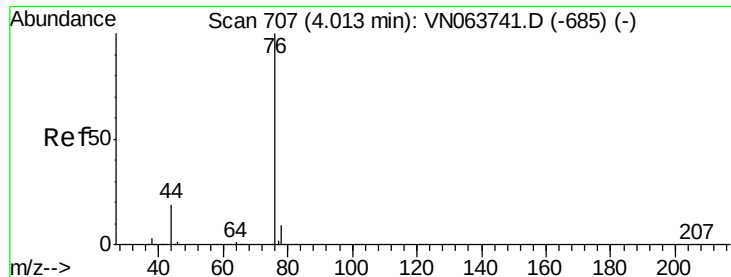
58 0.0 22.3 33.5#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#17

Carbon Disulfide

Concen: 0.845 ug/l

RT: 4.01 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN063942.D

Acq: 7 Oct 2020 14:55

Instrument :

MSVOA_N

ClientSampleId :

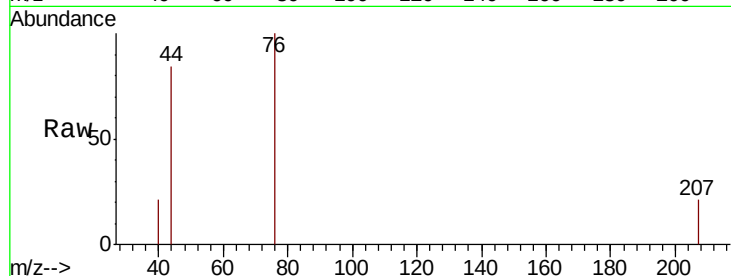
TB-20201006

Tot Ion: 76 Resp: 947

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.4#



Abundance Ion 75.90 (75.60 to 76.60): VN063741.D (-685) (-)

Ion 77.90 (77.60 to 78.60): VN063741.D (-685) (-)

4.01

800

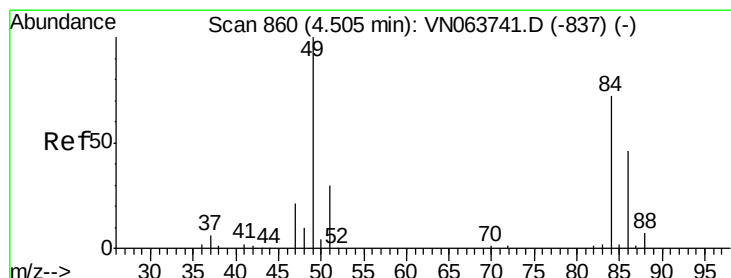
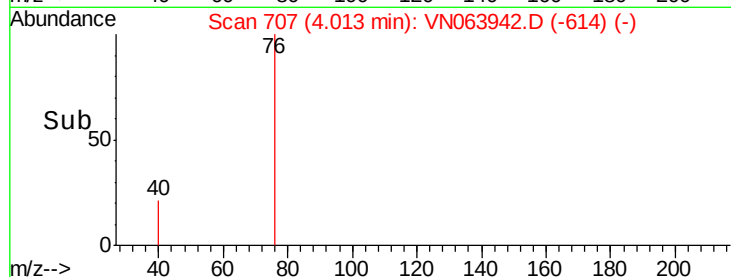
600

400

200

0

Time-->



#20

Methylene Chloride

Concen: 0.258 ug/l

RT: 4.50 min Scan# 858

Delta R.T. -0.01 min

Lab File: VN063942.D

Acq: 7 Oct 2020 14:55

Tgt Ion: 84 Resp: 441

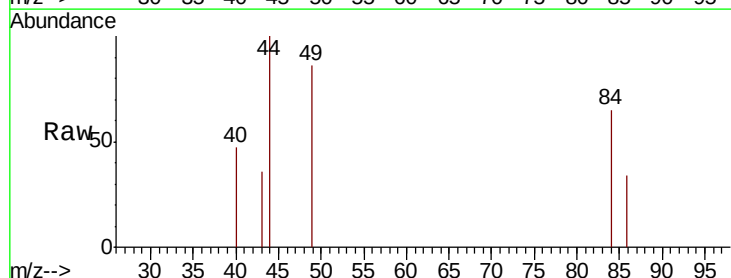
Ion Ratio Lower Upper

84 100

49 74.6 110.4 165.6#

51 0.0 33.3 49.9#

86 53.0 50.7 76.1



Abundance Ion 83.90 (83.60 to 84.60): VN063741.D (-837) (-)

Ion 48.90 (48.60 to 49.60): VN063741.D (-837) (-)

Ion 50.90 (50.60 to 51.60): VN063741.D (-837) (-)

Ion 85.90 (85.60 to 86.60): VN063741.D (-837) (-)

1000

800

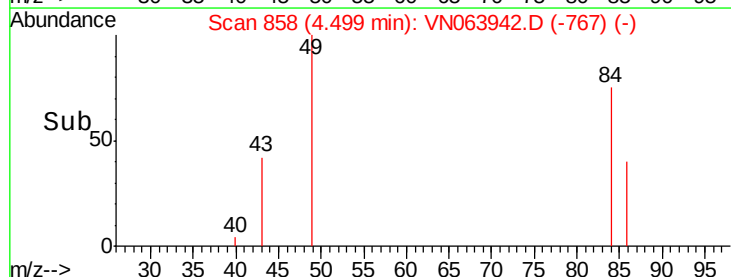
600

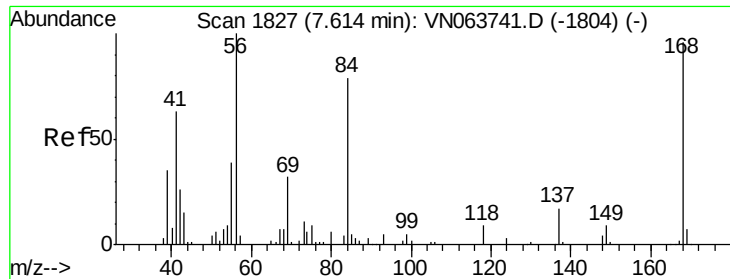
400

200

0

Time-->

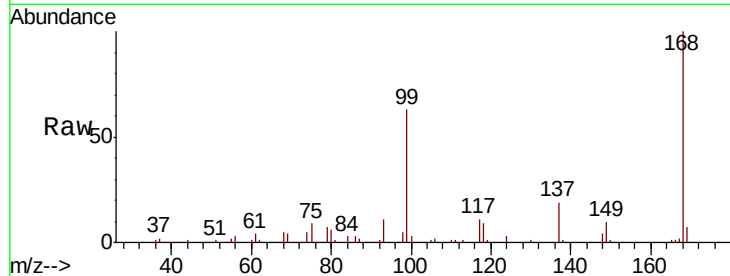




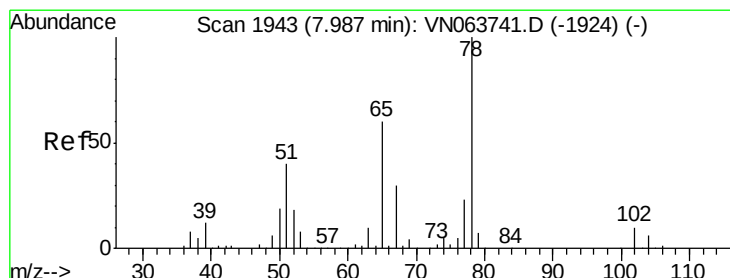
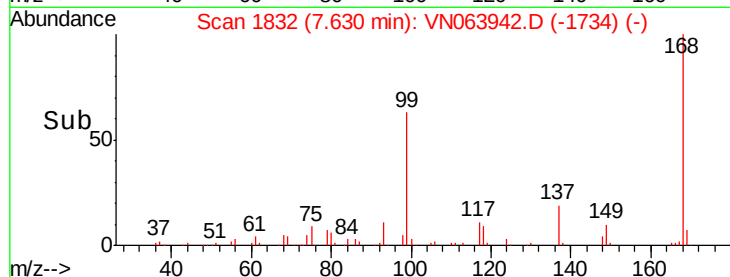
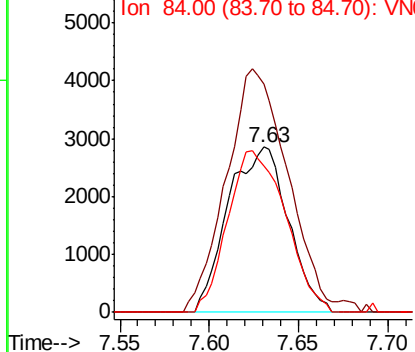
#31
Cyclohexane
Concen: 1.475 ug/l
RT: 7.63 min Scan# 1832
Delta R.T. 0.02 min
Lab File: VN063942.D
Acq: 7 Oct 2020 14:55

Instrument :
MSVOA_N
ClientSampled :
TB-20201006

Tot Ion: 56 Resp: 6698
Ion Ratio Lower Upper
56 100
69 131.7 25.4 38.2#
84 88.9 63.3 94.9

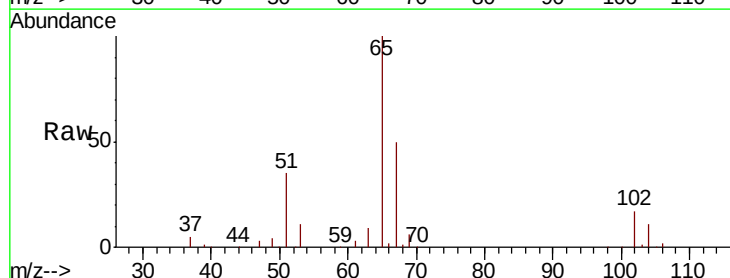


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

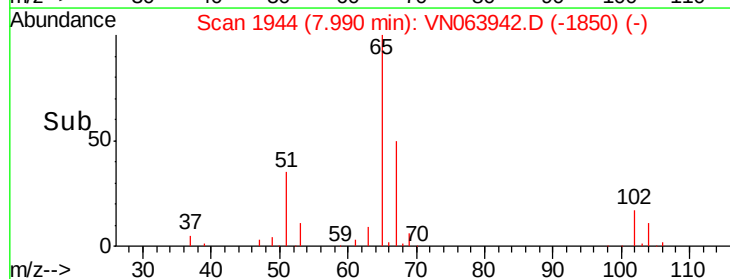
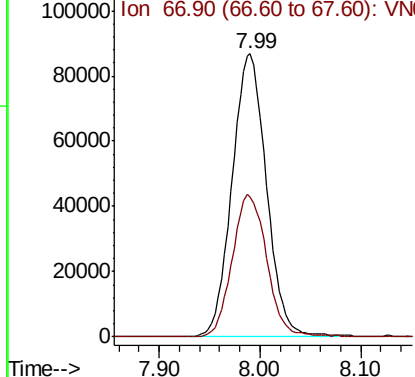


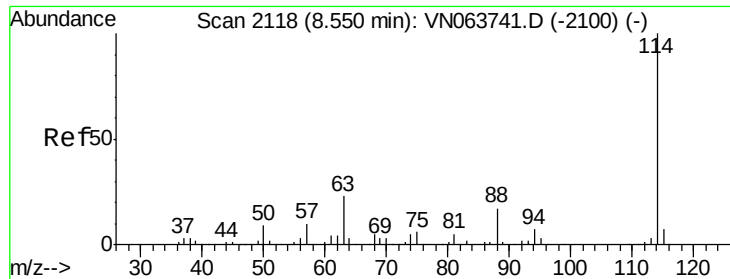
#33
1,2-Dichloroethane-d4
Concen: 52.551 ug/l
RT: 7.99 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN063942.D
Acq: 7 Oct 2020 14:55

Tgt Ion: 65 Resp: 205556
Ion Ratio Lower Upper
65 100
67 50.3 0.0 99.6



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

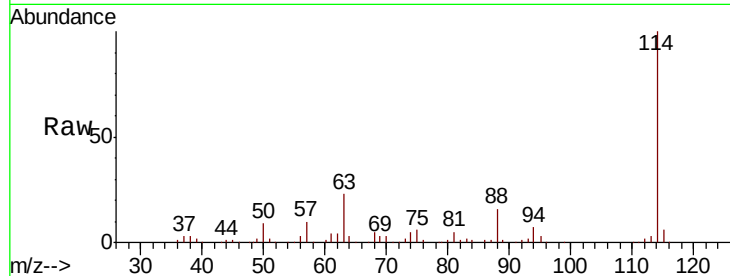




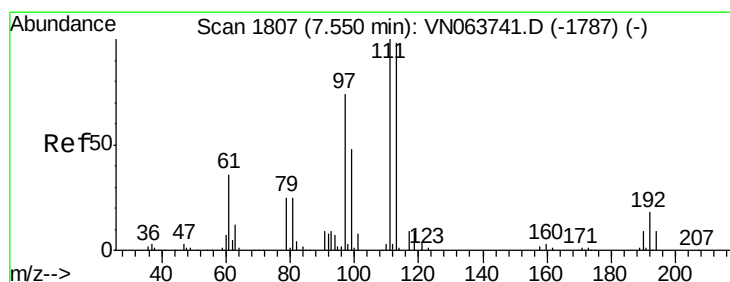
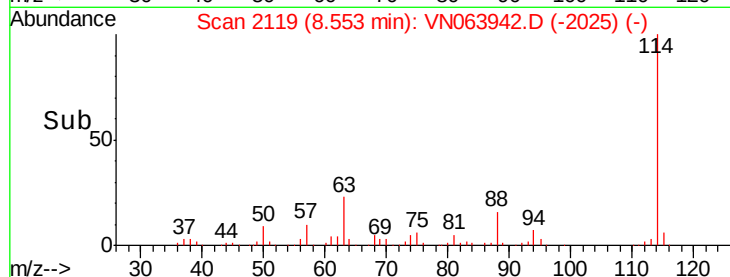
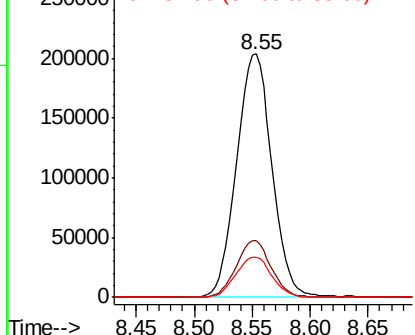
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN063942.D
Acq: 7 Oct 2020 14:55

Instrument :
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ClientSampleId :
TB-20201006

Tot Ion:114 Resp: 431634
Ion Ratio Lower Upper
114 100
63 23.2 0.0 45.0
88 16.4 0.0 34.0

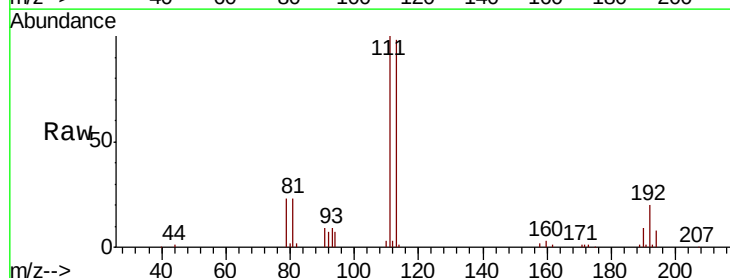


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

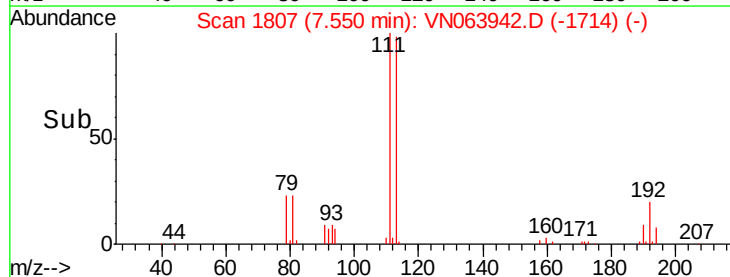
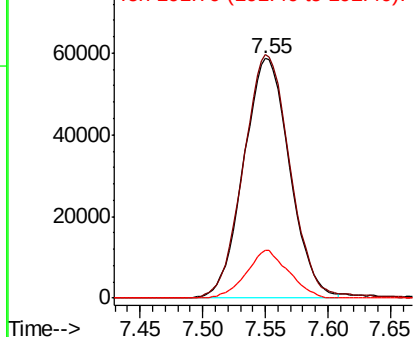


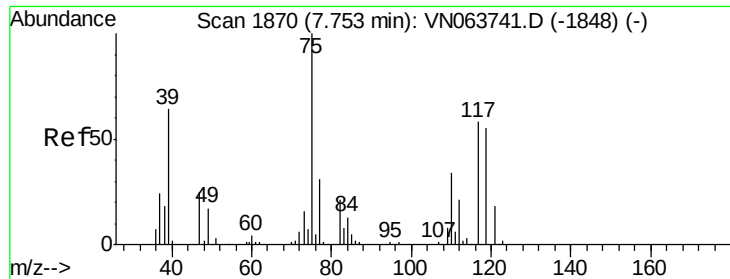
#35
Dibromofluoromethane
Concen: 50.115 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063942.D
Acq: 7 Oct 2020 14:55

Tgt Ion:113 Resp: 150094
Ion Ratio Lower Upper
113 100
111 103.2 81.8 122.8
192 18.5 14.2 21.2



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

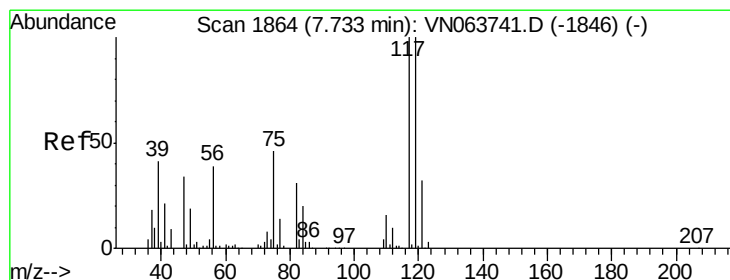
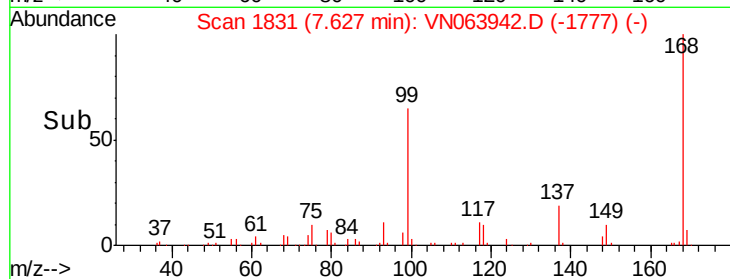
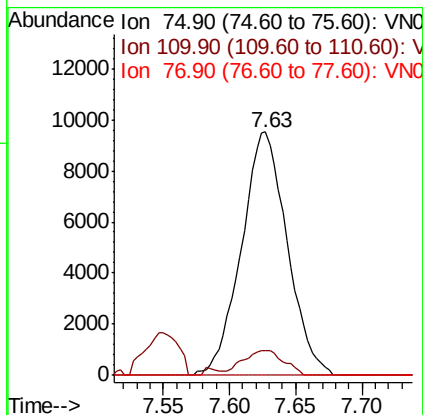
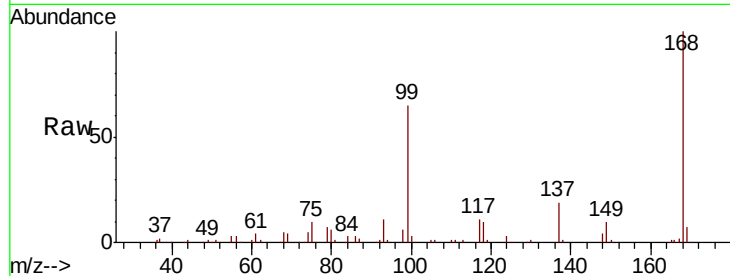




#36
 1,1-Dichloropropene
 Concen: 5.240 ug/l
 RT: 7.63 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN063942.D
 Acq: 7 Oct 2020 14:55

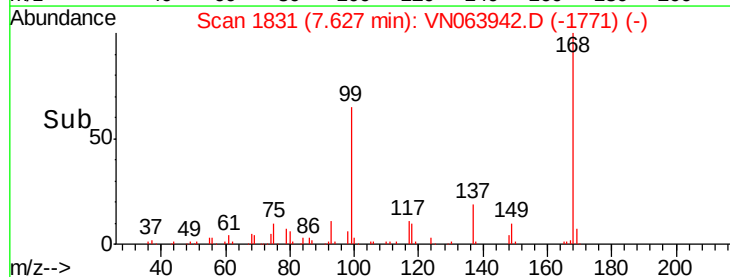
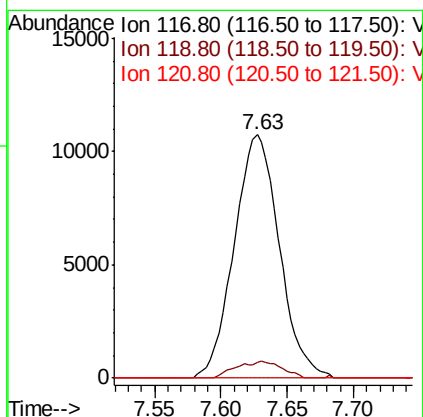
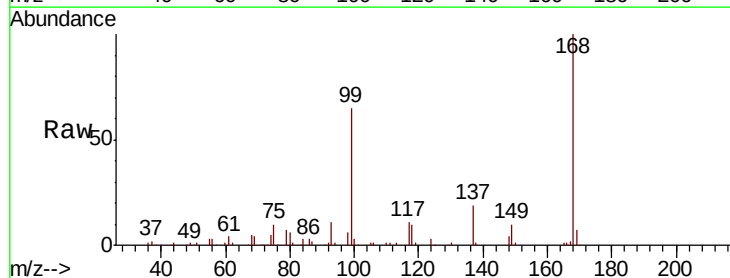
Instrument :
 MSVOA_N
 ClientSampled :
 TB-20201006

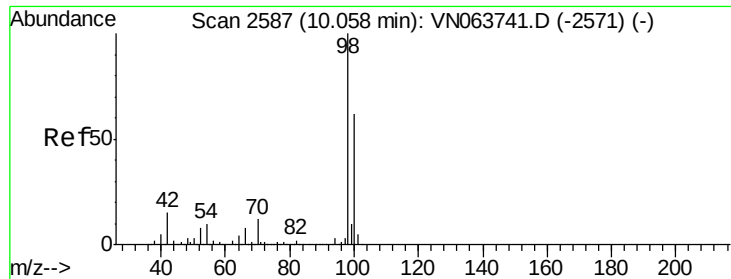
Tot Ion: 75 Resp: 22912
 Ion Ratio Lower Upper
 75 100
 110 9.2 16.9 50.6#
 77 0.0 24.5 36.7#



#38
 Carbon Tetrachloride
 Concen: 5.183 ug/l
 RT: 7.63 min Scan# 1831
 Delta R.T. -0.11 min
 Lab File: VN063942.D
 Acq: 7 Oct 2020 14:55

Tgt Ion: 117 Resp: 25415
 Ion Ratio Lower Upper
 117 100
 119 6.6 80.1 120.1#
 121 0.0 25.7 38.5#

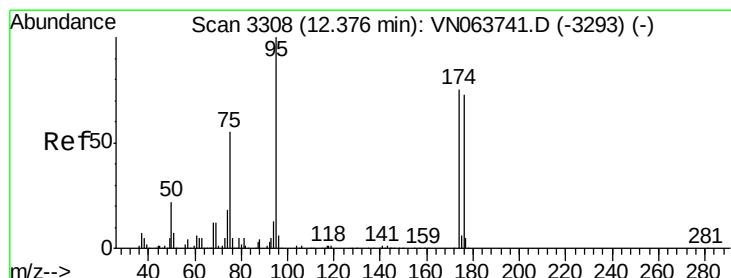
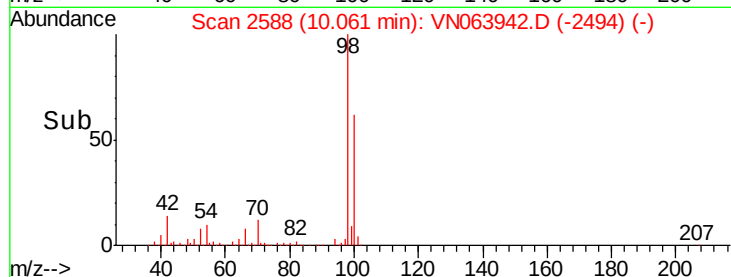
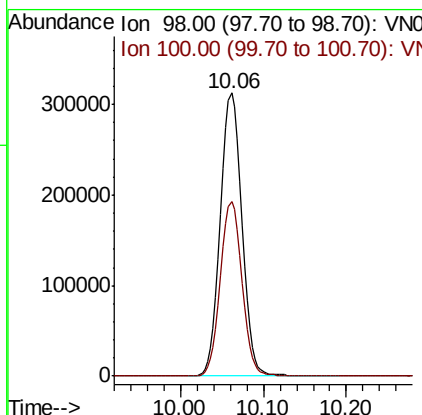
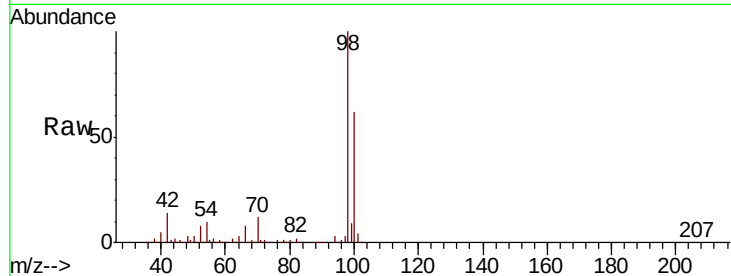




#50
Toluene-d8
Concen: 49.829 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063942.D
Acq: 7 Oct 2020 14:55

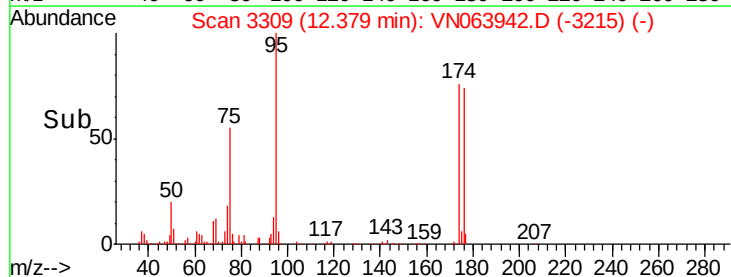
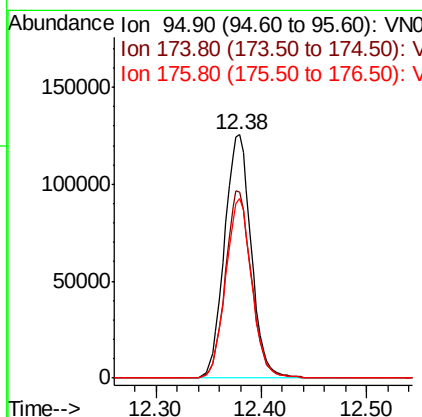
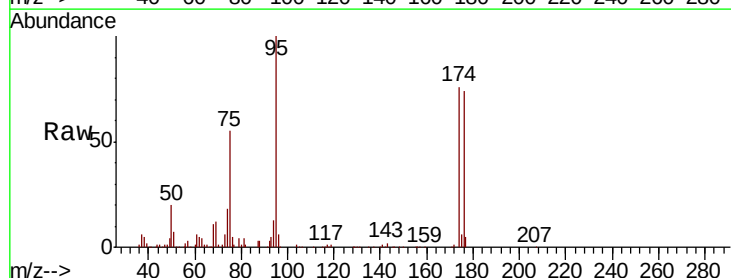
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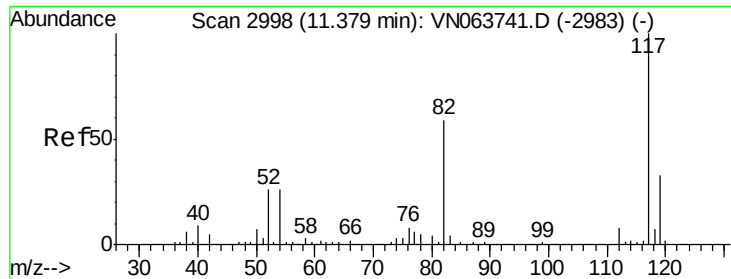
Tot Ion: 98 Resp: 565746
Ion Ratio Lower Upper
98 100
100 61.7 49.8 74.6



#62
4-Bromofluorobenzene
Concen: 51.460 ug/l
RT: 12.38 min Scan# 3309
Delta R.T. 0.00 min
Lab File: VN063942.D
Acq: 7 Oct 2020 14:55

Tgt Ion: 95 Resp: 219629
Ion Ratio Lower Upper
95 100
174 74.9 0.0 150.6
176 72.3 0.0 145.4

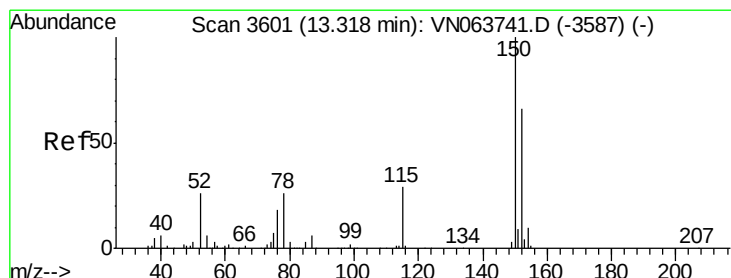
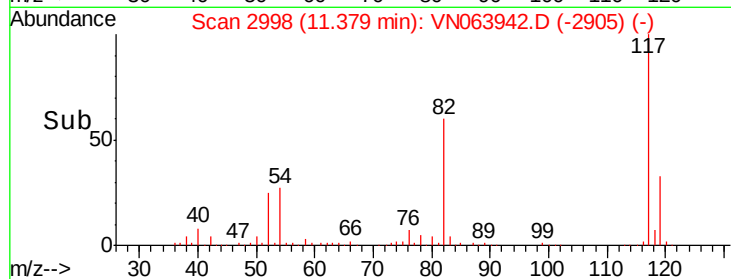
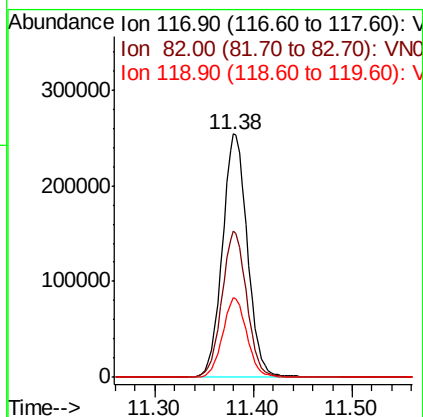
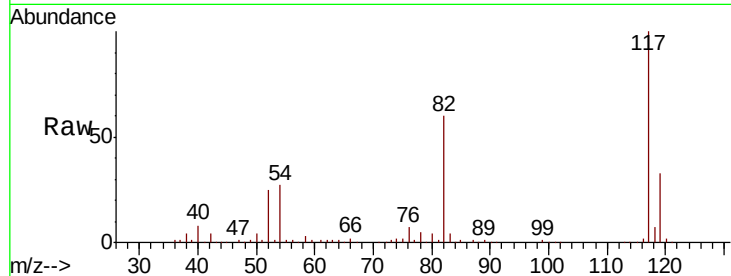




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063942.D
Acq: 7 Oct 2020 14:55

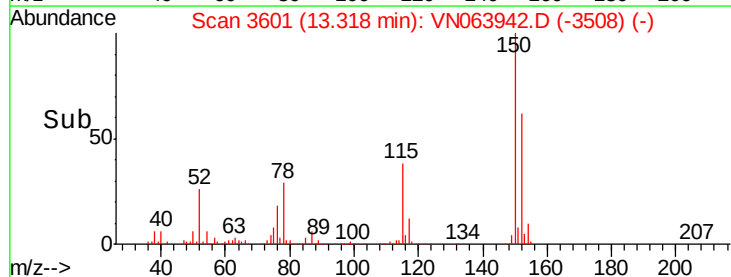
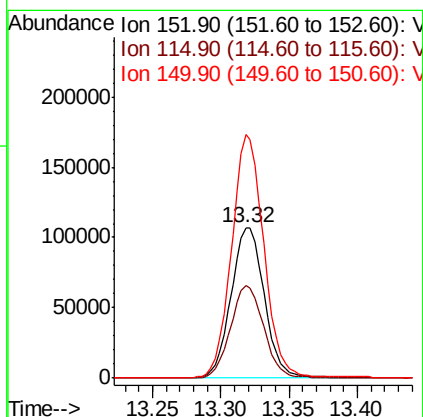
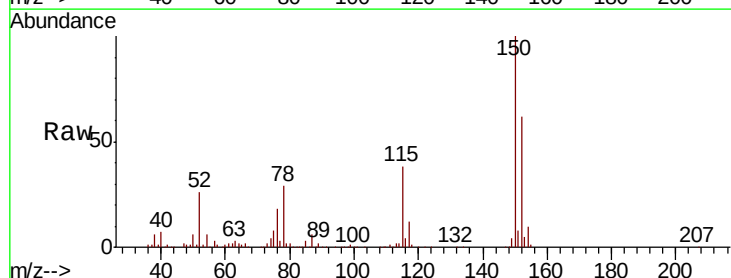
Instrument :
MSVOA_N
ClientSampleId :
TB-20201006

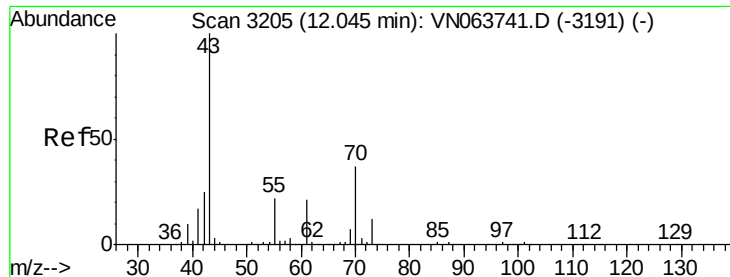
Tot Ion:117 Resp: 452107
Ion Ratio Lower Upper
117 100
82 60.2 47.4 71.2
119 32.7 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063942.D
Acq: 7 Oct 2020 14:55

Tgt Ion:152 Resp: 182179
Ion Ratio Lower Upper
152 100
115 61.1 31.3 93.8
150 157.1 0.0 341.8





#74

N-amvl acetate

Concen: 2.226 ug/l

RT: 12.03 min Scan# 3200

Delta R.T. -0.02 min

Lab File: VN063942.D

Acq: 7 Oct 2020 14:55

Instrument :

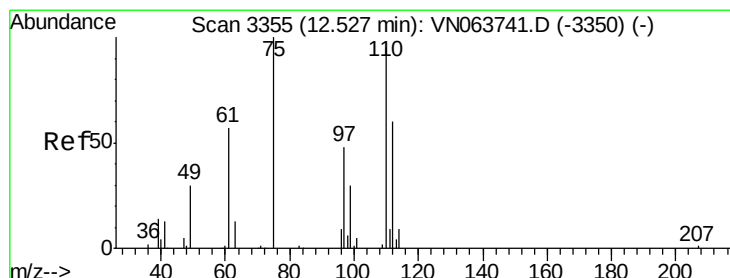
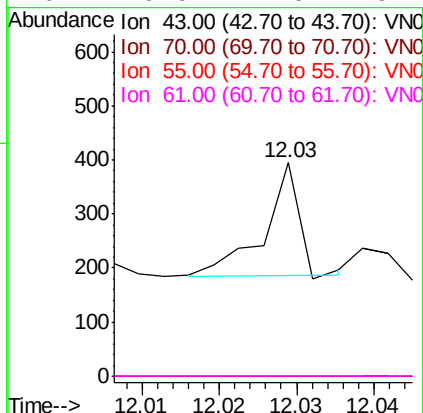
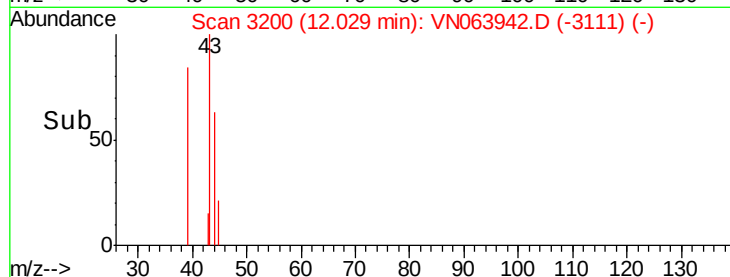
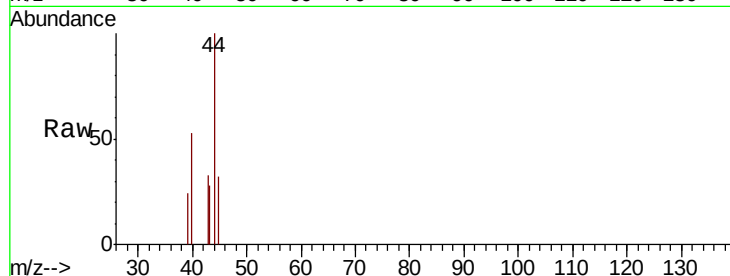
MSVOA_N

ClientSampled :

TB-20201006

Tot Ion: 43 Resp: 67

Ion	Ratio	Lower	Upper
43	100		
70	0.0	29.8	44.8#
55	0.0	17.9	26.9#
61	0.0	17.0	25.4#



#76

1,2,3-Trichloropropane

Concen: 30.040 ug/l

RT: 12.38 min Scan# 3308

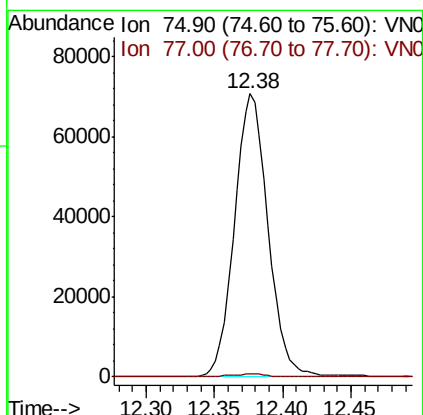
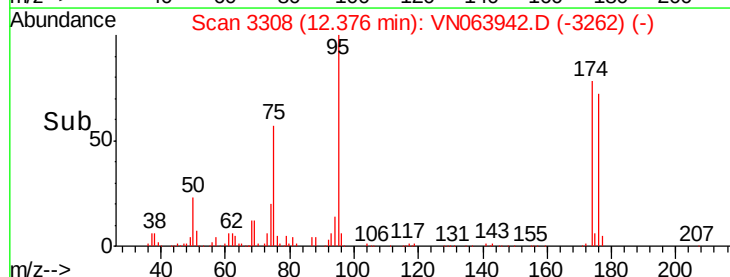
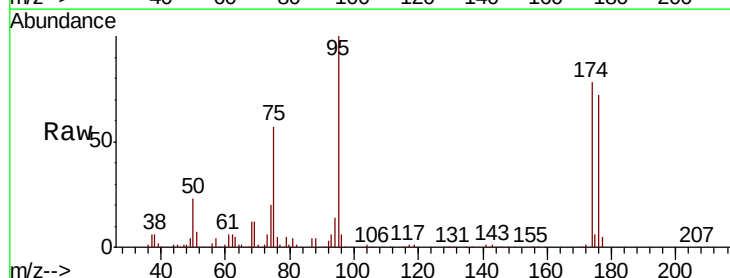
Delta R.T. -0.15 min

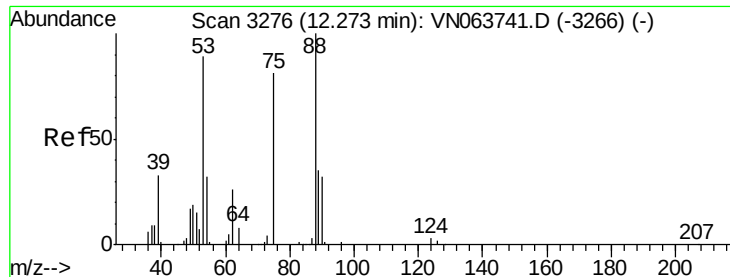
Lab File: VN063942.D

Acq: 7 Oct 2020 14:55

Tgt Ion: 75 Resp: 120638

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 86.519 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063942.D

Acq: 7 Oct 2020 14:55

Instrument :

MSVOA_N

ClientSampleId :

TB-20201006

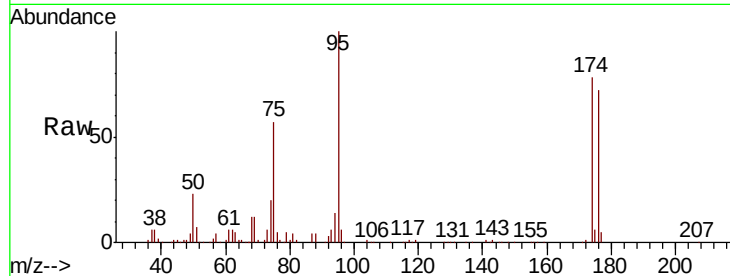
Tot Ion: 75 Resp: 120638

Ion Ratio Lower Upper

75 100

53 0.2 88.2 132.2#

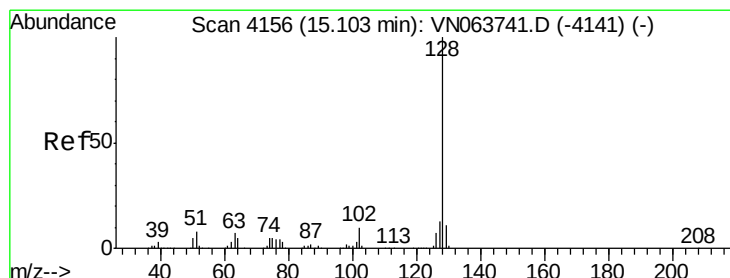
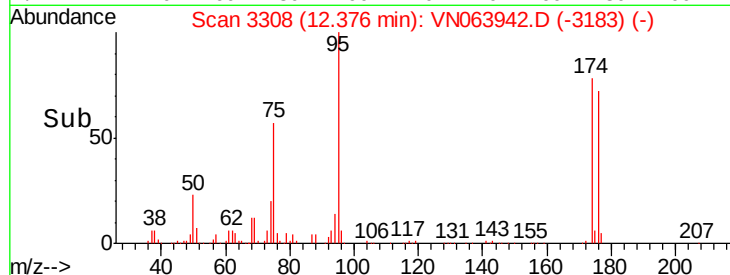
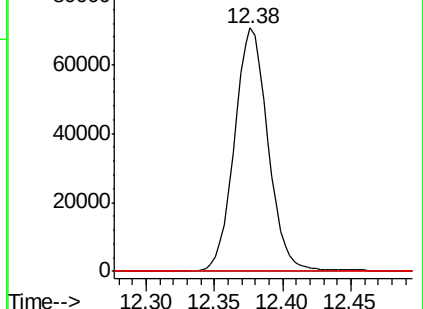
89 0.0 36.0 54.0#



Abundance Ion 74.90 (74.60 to 75.60): VN063942.D (-3183) (-)

Ion 53.00 (52.70 to 53.70): VN063942.D (-3183) (-)

Ion 88.90 (88.60 to 89.60): VN063942.D (-3183) (-)



#95

Naphthalene

Concen: 2.155 ug/l

RT: 15.12 min Scan# 4161

Delta R.T. 0.02 min

Lab File: VN063942.D

Acq: 7 Oct 2020 14:55

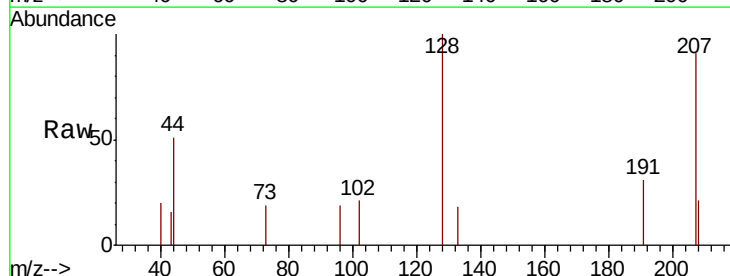
Tgt Ion:128 Resp: 2353

Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

129 2.8 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): VN063942.D (-4062) (-)

Ion 127.00 (126.70 to 127.70): VN063942.D (-4062) (-)

Ion 129.00 (128.70 to 129.70): VN063942.D (-4062) (-)

