

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100220\
 Data File : VN063828.D
 Acq On : 2 Oct 2020 17:56
 Operator : JC/MD
 Sample : PB132030ZHE#07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132030ZHE#07

Quant Time: Oct 05 06:18:59 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

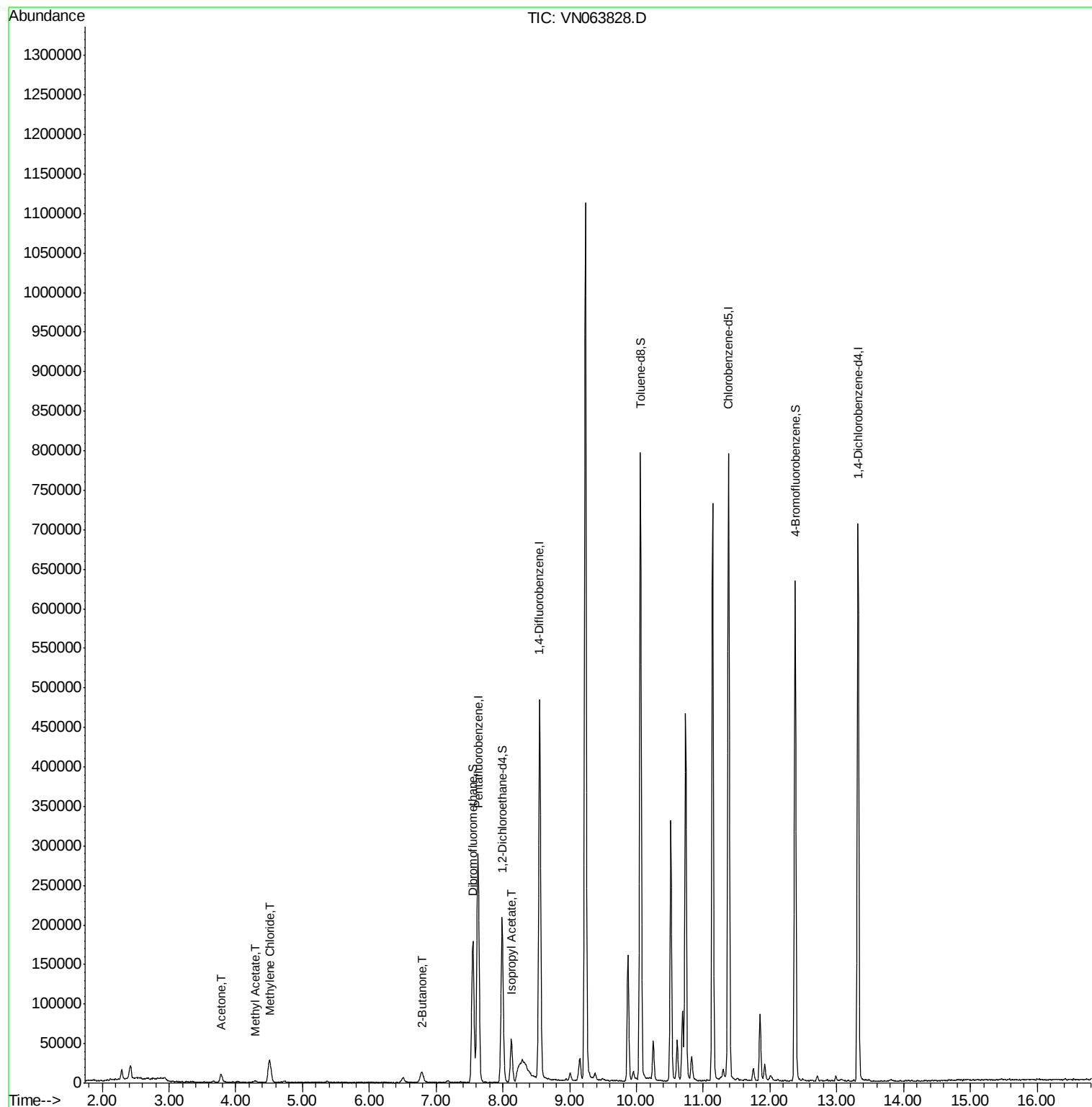
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	217483	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	397384	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	413837	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	170889	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	186522	51.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.82%	
35) Dibromofluoromethane	7.55	113	130746	47.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.84%	
50) Toluene-d8	10.06	98	508960	48.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.38%	
62) 4-Bromofluorobenzene	12.38	95	202062	51.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.84%	
Target Compounds						
16) Acetone	3.78	43	18510	16.736	ug/l	100
18) Methyl Acetate	4.28	43	3715	1.294	ug/l #	58
20) Methylene Chloride	4.51	84	19990	7.973	ug/l	98
25) 2-Butanone	6.79	43	15251	9.726	ug/l	93
43) Isopropyl Acetate	8.13	43	66638	10.101	ug/l	99

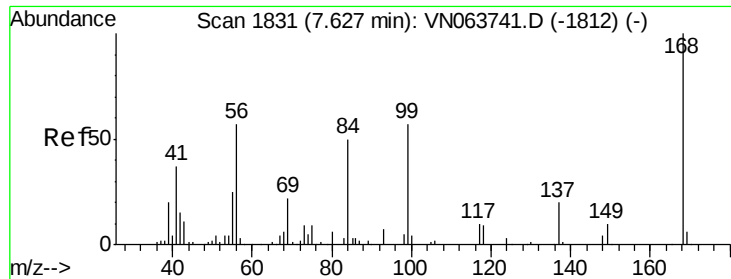
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063828.D

Acq: 2 Oct 2020 17:56

Instrument :

MSVOA_N

ClientSampleId :

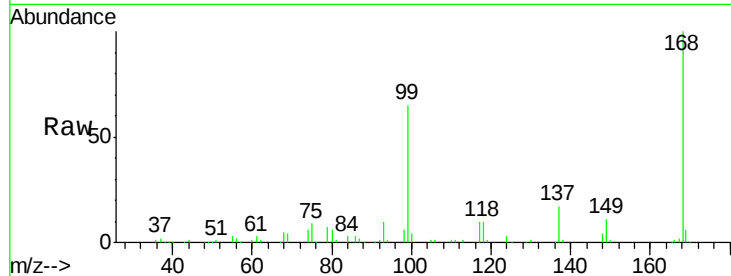
PB132030ZHE#07

Tot Ion:168 Resp: 217483

Ion Ratio Lower Upper

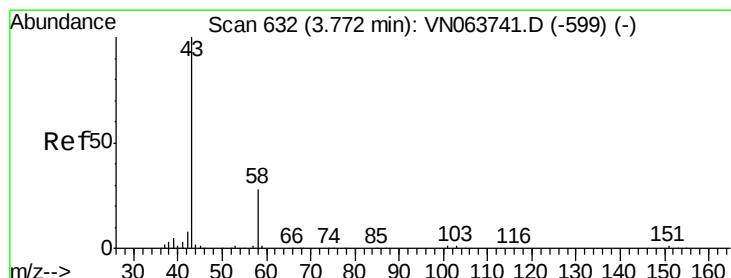
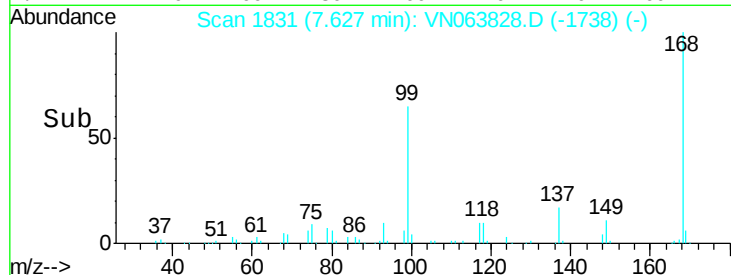
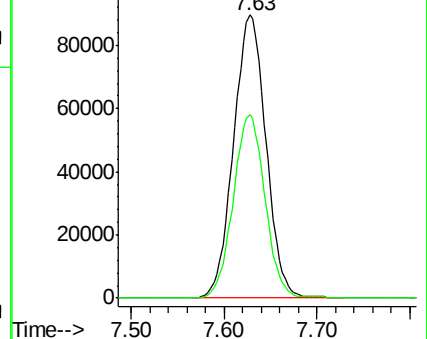
168 100

99 64.9 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: 16.736 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN063828.D

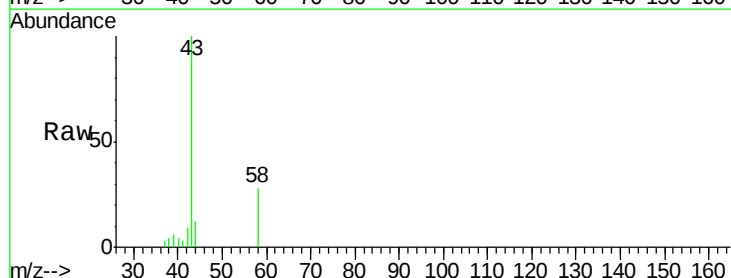
Acq: 2 Oct 2020 17:56

Tgt Ion: 43 Resp: 18510

Ion Ratio Lower Upper

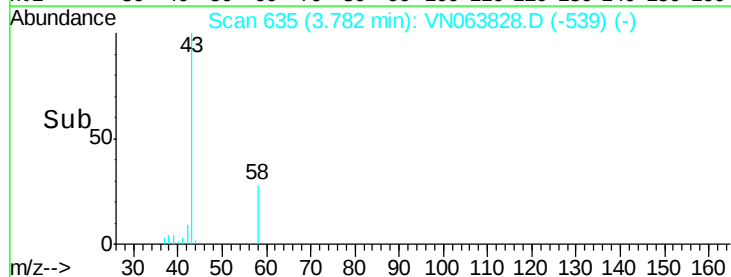
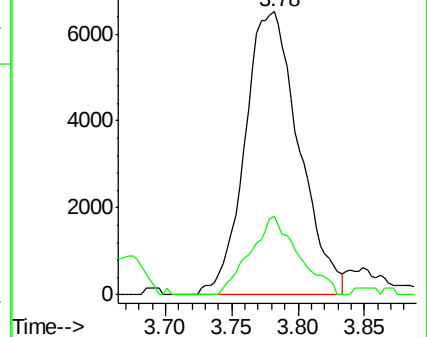
43 100

58 27.7 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

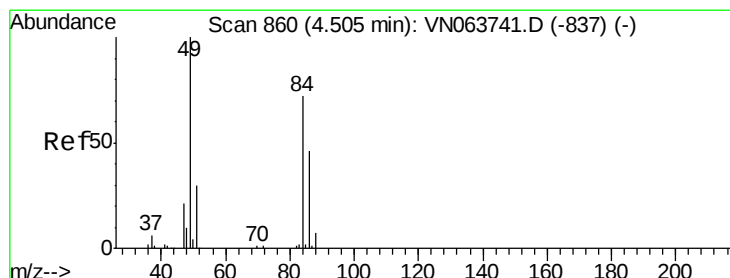
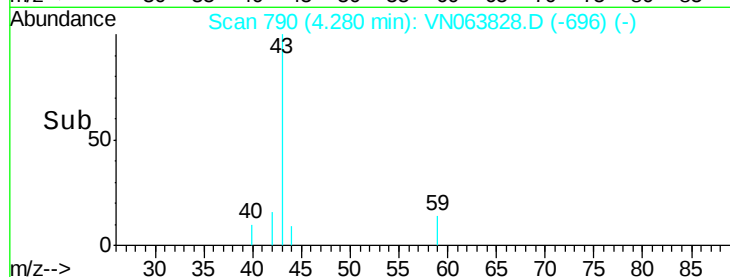
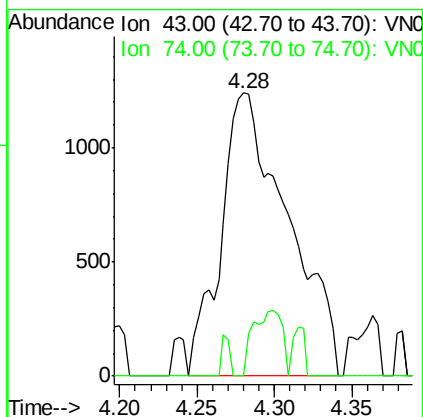
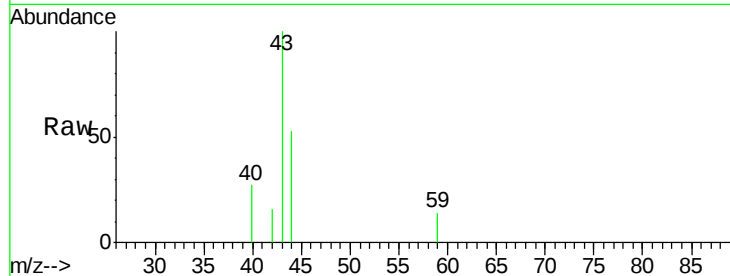




#18
Methyl Acetate
Concen: 1.294 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN063828.D
Acq: 2 Oct 2020 17:56

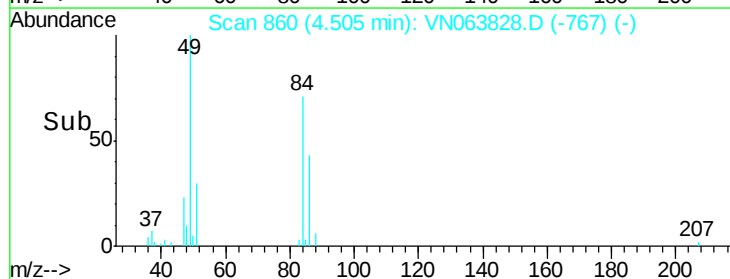
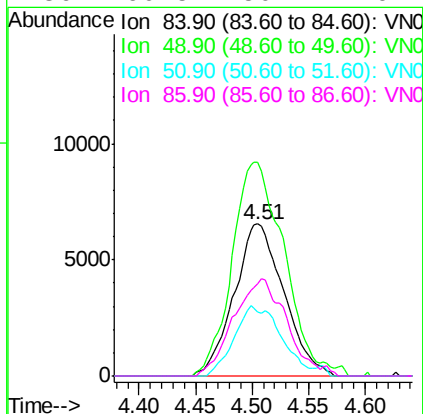
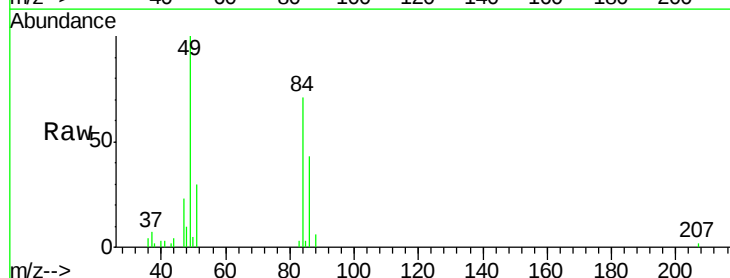
Instrument :
MSVOA_N
ClientSampleId :
PB132030ZHE#07

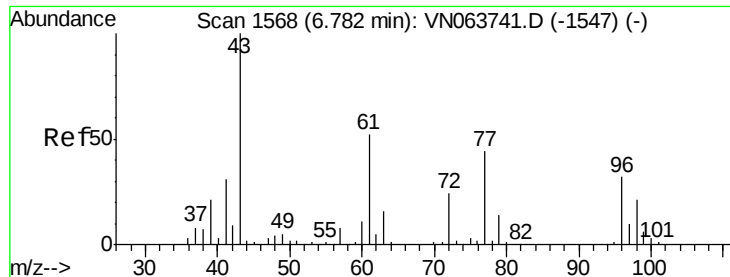
Tot Ion: 43 Resp: 3715
Ion Ratio Lower Upper
43 100
74 1.7 17.4 26.2#



#20
Methylene Chloride
Concen: 7.973 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063828.D
Acq: 2 Oct 2020 17:56

Tgt Ion: 84 Resp: 19990
Ion Ratio Lower Upper
84 100
49 140.5 110.4 165.6
51 41.9 33.3 49.9
86 60.5 50.7 76.1

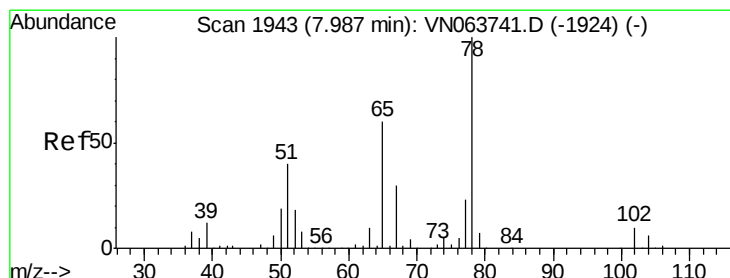
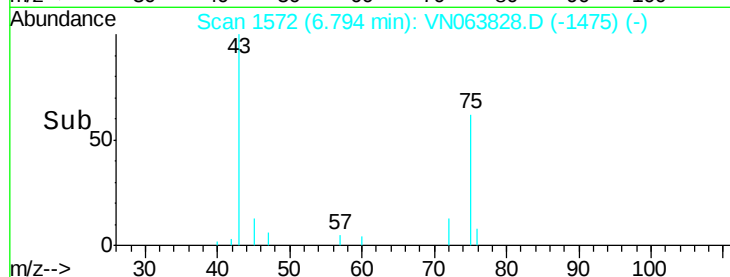
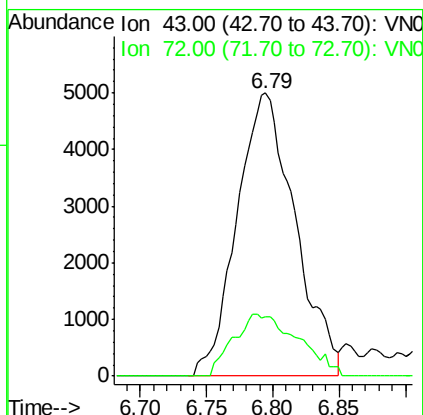
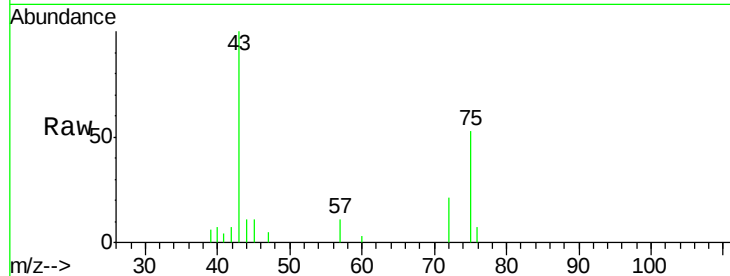




#25
 2-Butanone
 Concen: 9.726 ug/l
 RT: 6.79 min Scan# 1572
 Delta R.T. 0.01 min
 Lab File: VN063828.D
 Acq: 2 Oct 2020 17:56

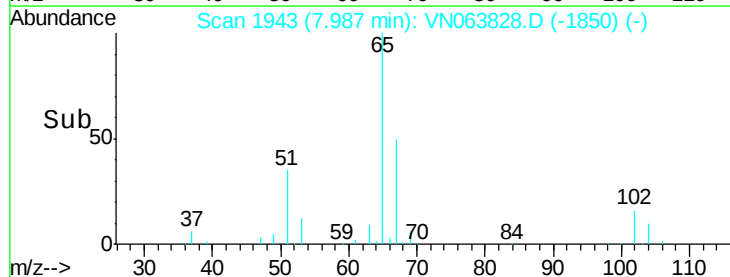
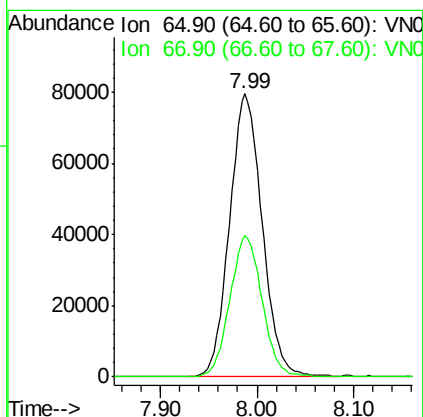
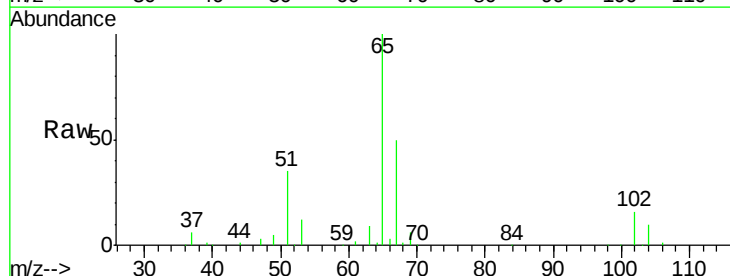
Instrument :
 MSVOA_N
 ClientSampleId :
 PB132030ZHE#07

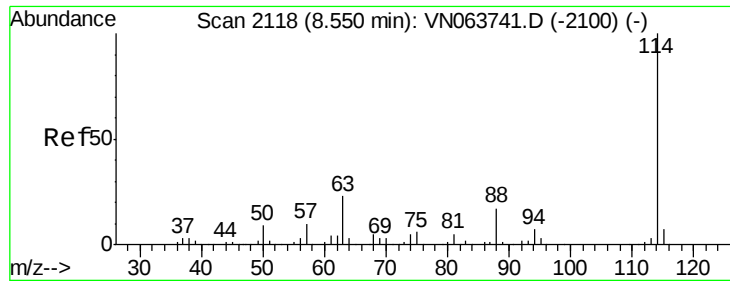
Tot Ion: 43 Resp: 15251
 Ion Ratio Lower Upper
 43 100
 72 20.8 19.3 28.9



#33
 1,2-Dichloroethane-d4
 Concen: 51.913 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063828.D
 Acq: 2 Oct 2020 17:56

Tgt Ion: 65 Resp: 186522
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 99.6

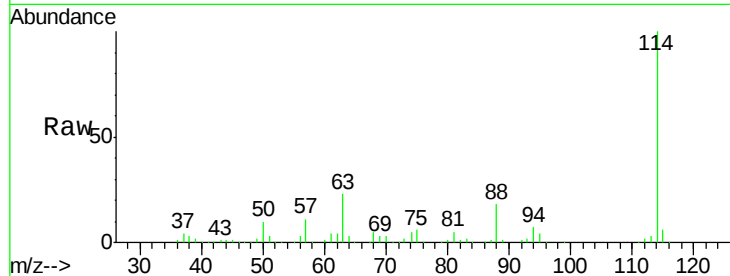




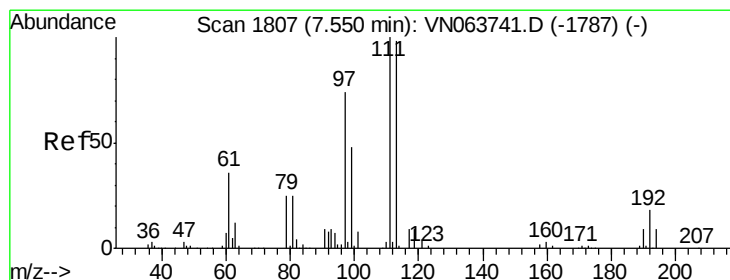
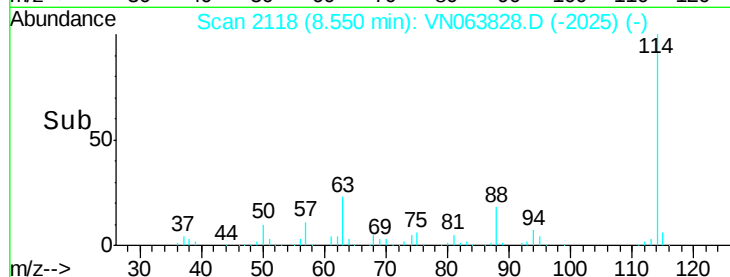
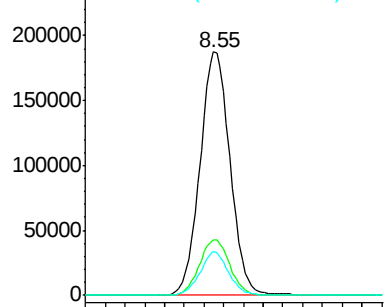
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063828.D
 Acq: 2 Oct 2020 17:56

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132030ZHE#07

Tot Ion:114 Resp: 397384
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 45.0
 88 17.8 0.0 34.0

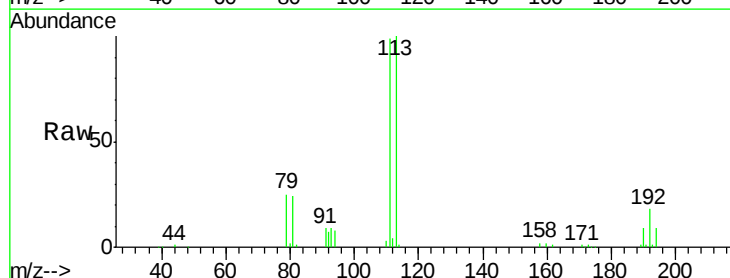


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

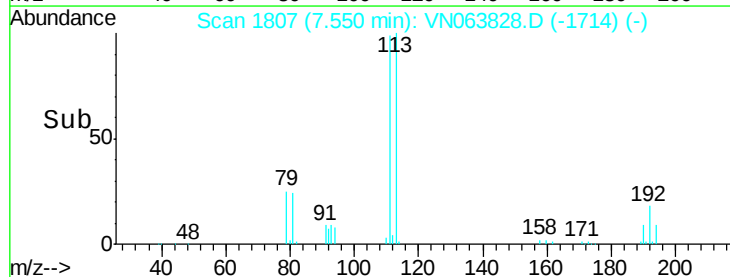
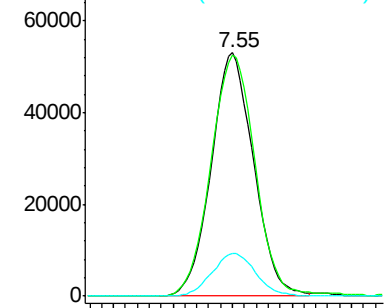


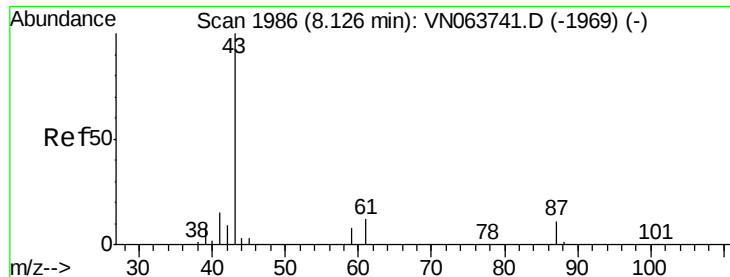
#35
 Dibromofluoromethane
 Concen: 47.417 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063828.D
 Acq: 2 Oct 2020 17:56

Tgt Ion:113 Resp: 130746
 Ion Ratio Lower Upper
 113 100
 111 103.9 81.8 122.8
 192 18.0 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





#43

Isopropyl Acetate

Concen: 10.101 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN063828.D

Acq: 2 Oct 2020 17:56

Instrument :

MSVOA_N

ClientSampleId :

PB132030ZHE#07

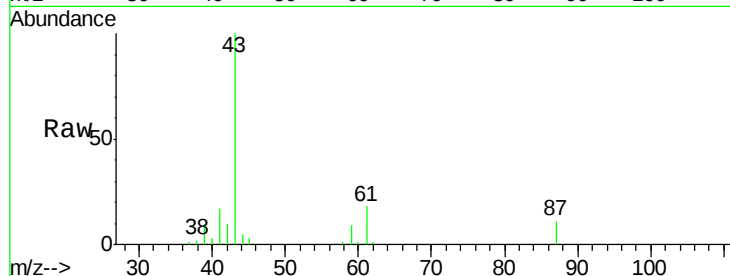
Tot Ion: 43 Resp: 66638

Ion Ratio Lower Upper

43 100

61 17.1 14.2 21.4

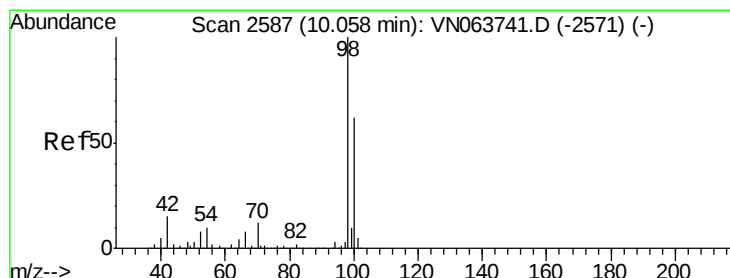
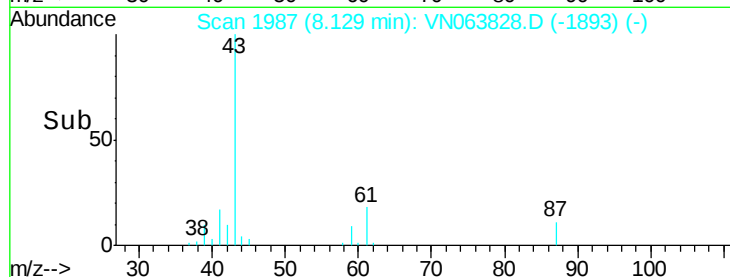
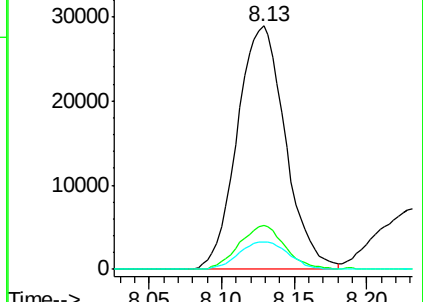
87 11.6 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VN063828.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN063828.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN063828.D (-1969) (-)



#50

Toluene-d8

Concen: 48.691 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN063828.D

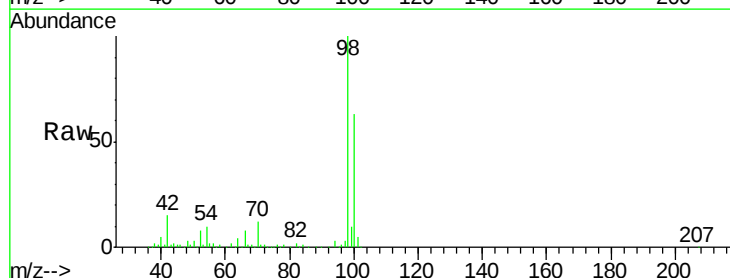
Acq: 2 Oct 2020 17:56

Tgt Ion: 98 Resp: 508960

Ion Ratio Lower Upper

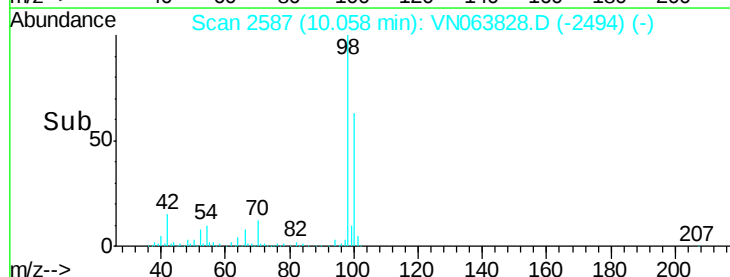
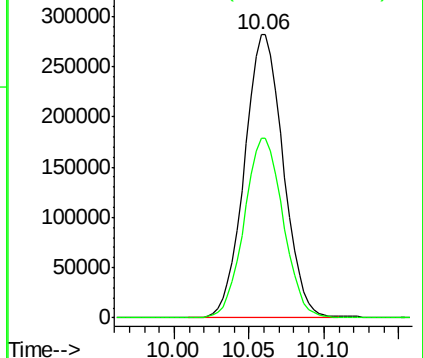
98 100

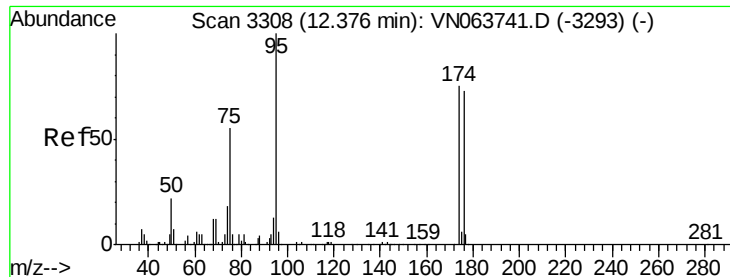
100 63.8 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN063828.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN063828.D (-2494) (-)





#62

4-Bromofluorobenzene

Concen: 51.424 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063828.D

Acq: 2 Oct 2020 17:56

Instrument :

MSVOA_N

ClientSampleId :

PB132030ZHE#07

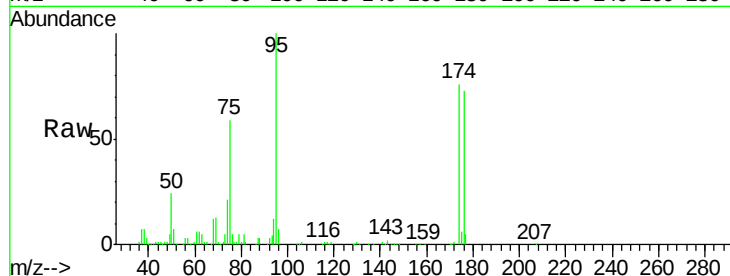
Tot Ion: 95 Resp: 202062

Ion Ratio Lower Upper

95 100

174 75.9 0.0 150.6

176 73.0 0.0 145.4

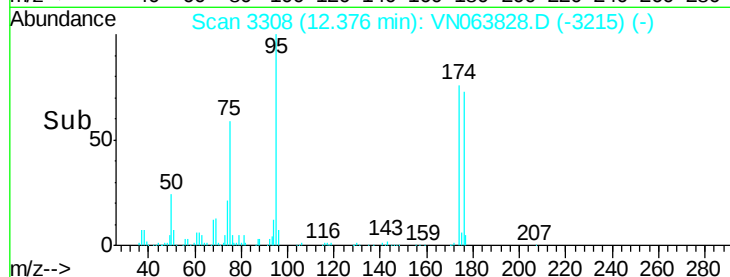


Abundance Ion 94.90 (94.60 to 95.60): VN063741.D (-3293) (-)

Ion 173.80 (173.50 to 174.50): VN063741.D (-3293) (-)

Ion 175.80 (175.50 to 176.50): VN063741.D (-3293) (-)

Time-->

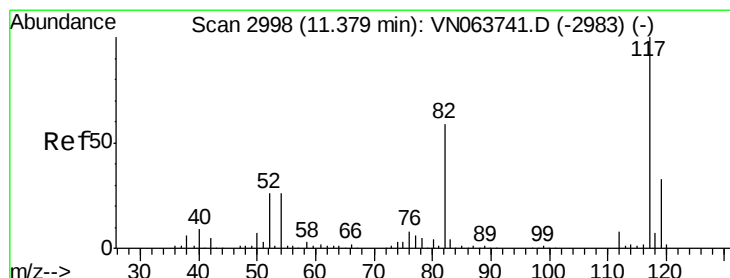


Abundance Ion 94.90 (94.60 to 95.60): VN063828.D (-3215) (-)

Ion 173.80 (173.50 to 174.50): VN063828.D (-3215) (-)

Ion 175.80 (175.50 to 176.50): VN063828.D (-3215) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN063828.D

Acq: 2 Oct 2020 17:56

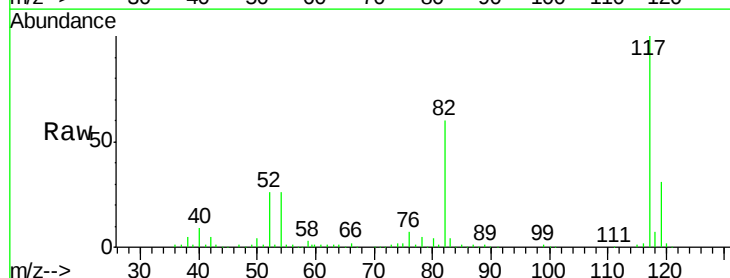
Tgt Ion: 117 Resp: 413837

Ion Ratio Lower Upper

117 100

82 60.1 47.4 71.2

119 31.1 26.4 39.6

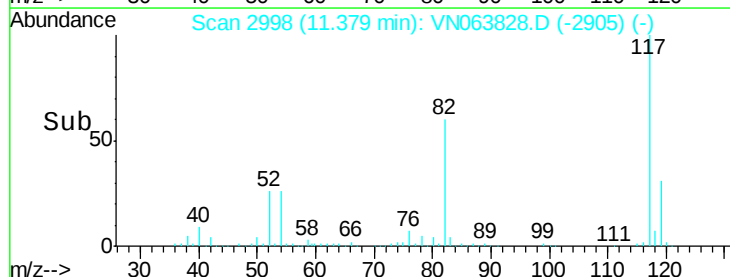


Abundance Ion 116.90 (116.60 to 117.60): VN063741.D (-2983) (-)

Ion 82.00 (81.70 to 82.70): VN063741.D (-2983) (-)

Ion 118.90 (118.60 to 119.60): VN063741.D (-2983) (-)

Time-->

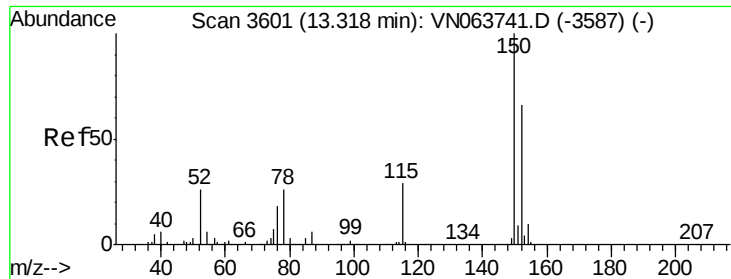


Abundance Ion 116.90 (116.60 to 117.60): VN063828.D (-2905) (-)

Ion 82.00 (81.70 to 82.70): VN063828.D (-2905) (-)

Ion 118.90 (118.60 to 119.60): VN063828.D (-2905) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063828.D

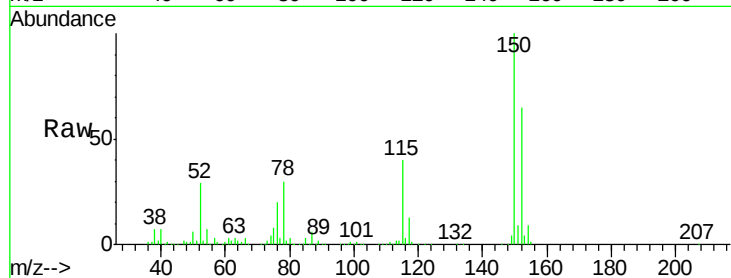
Acq: 2 Oct 2020 17:56

Instrument :

MSVOA_N

ClientSampleId :

PB132030ZHE#07



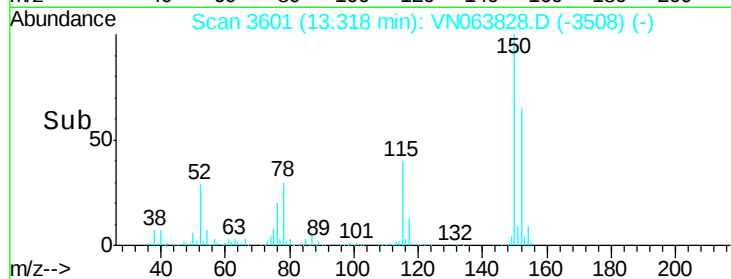
Tot Ion:152 Resp: 170889

Ion Ratio Lower Upper

152 100

115 62.0 31.3 93.8

150 157.1 0.0 341.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

