

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090420\
 Data File : VN063268.D
 Acq On : 5 Sep 2020 4:48
 Operator : JC/MD
 Sample : L3877-18
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4

Quant Time: Sep 07 04:06:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	273008	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	539124	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	544242	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	228190	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	216187	48.44	ug/l	0.00
Spiked Amount			Recovery	=	96.88%	
35) Dibromofluoromethane	7.55	113	164356	47.52	ug/l	0.00
Spiked Amount			Recovery	=	95.04%	
50) Toluene-d8	10.06	98	687815	51.67	ug/l	0.00
Spiked Amount			Recovery	=	103.34%	
62) 4-Bromofluorobenzene	12.38	95	247420	53.13	ug/l	0.00
Spiked Amount			Recovery	=	106.26%	

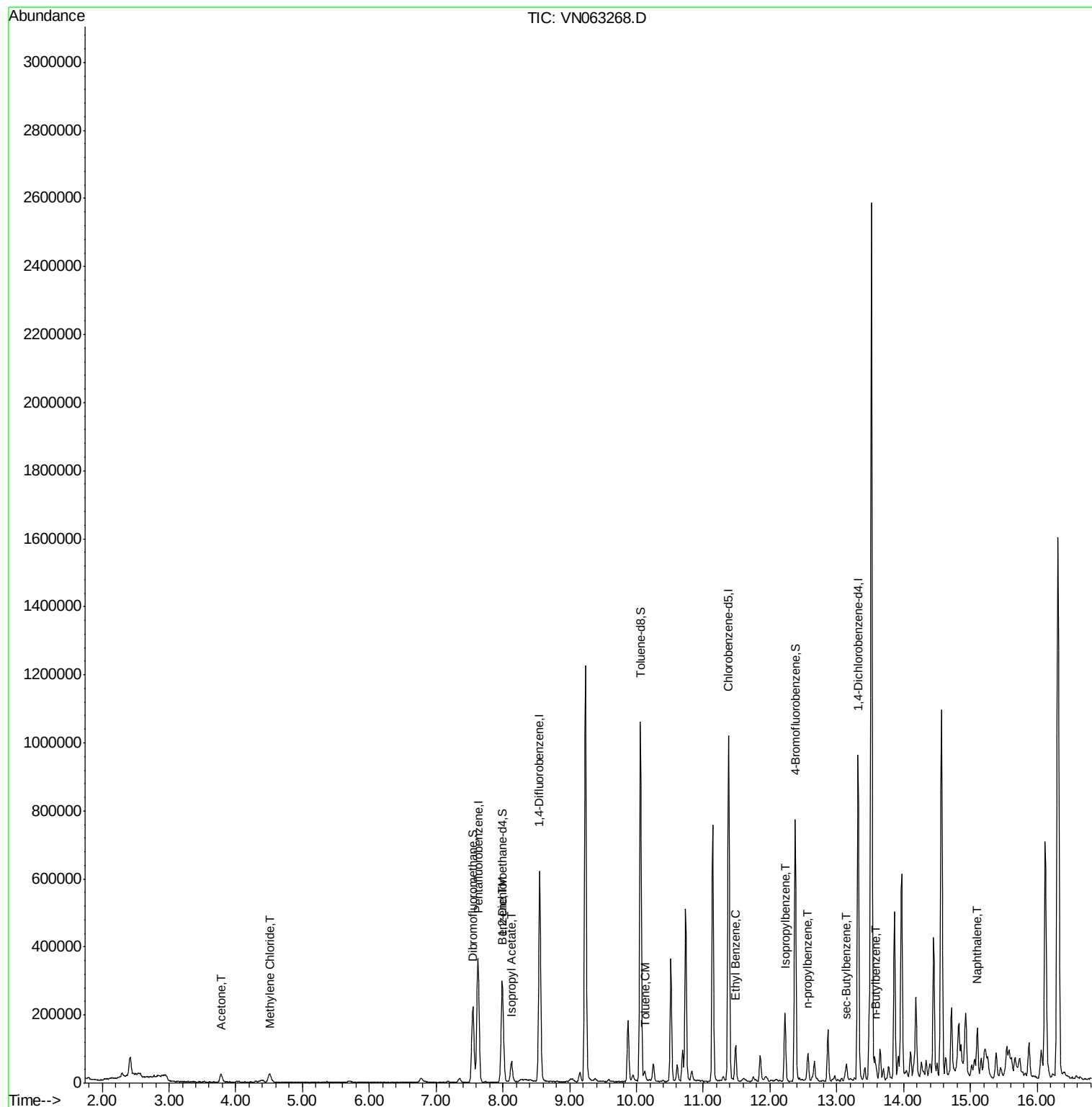
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	41476	32.693	ug/l	97
20) Methylene Chloride	4.51	84	18409	4.715	ug/l	88
40) Benzene	8.01	78	59911	3.934	ug/l	94
43) Isopropyl Acetate	8.13	43	72987	8.635	ug/l #	90
52) Toluene	10.13	92	11100	1.170	ug/l	98
67) Ethyl Benzene	11.49	91	74966	3.749	ug/l	98
73) Isopropylbenzene	12.23	105	130653	7.465	ug/l	98
78) n-propylbenzene	12.57	91	67882	3.352	ug/l	96
85) sec-Butylbenzene	13.15	105	29339	1.802	ug/l	79
89) n-Butylbenzene	13.59	91	22502	1.685	ug/l #	71
95) Naphthalene	15.10	128	118361	8.999	ug/l	97

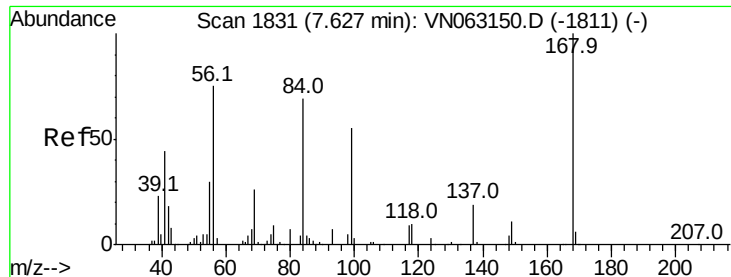
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
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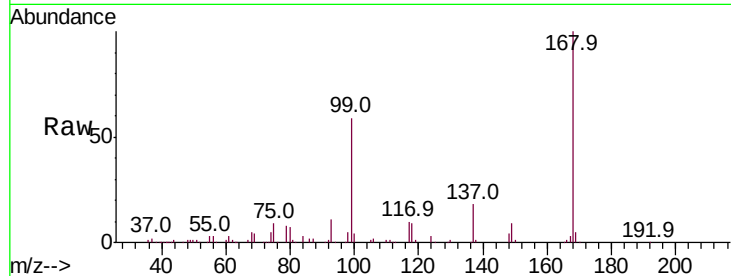




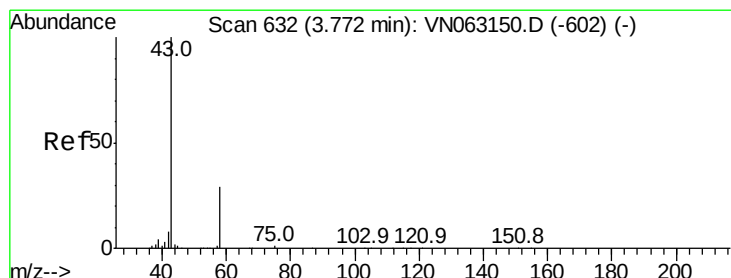
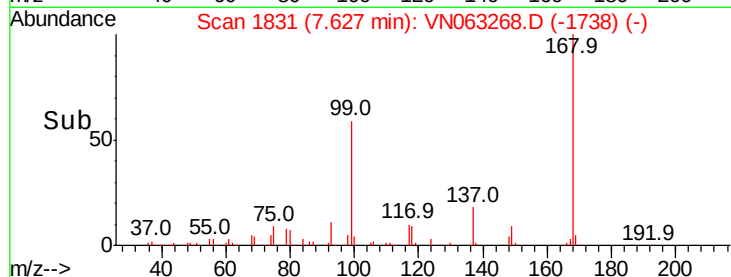
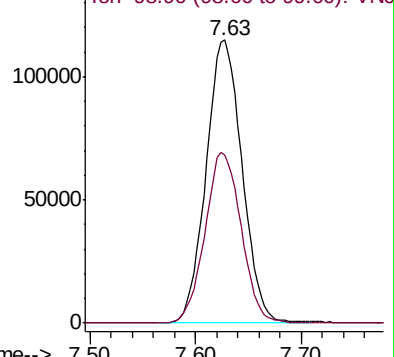
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.00 min
Lab File: VN063268.D
Acq: 5 Sep 2020 4:48

Instrument :
MSVOA_N
ClientSampled :
TP-4

Tot Ion:168 Resp: 273008
Ion Ratio Lower Upper
168 100
99 59.3 54.2 81.2

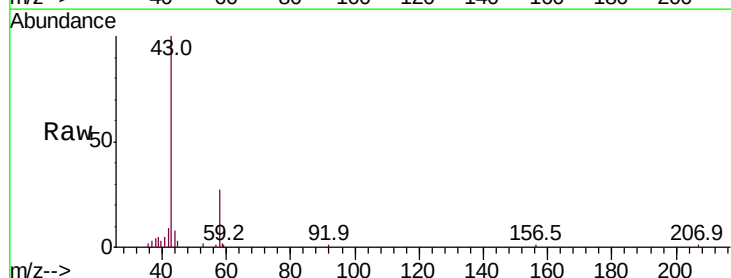


Abundance Ion 167.90 (167.60 to 168.60): V

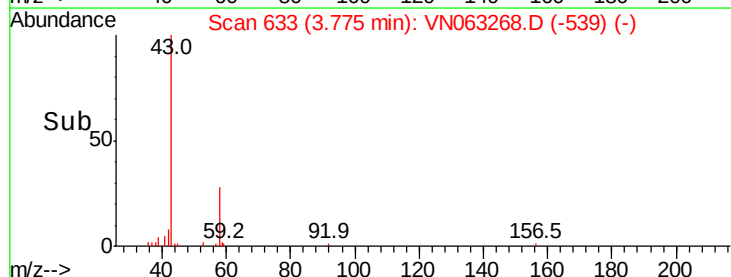
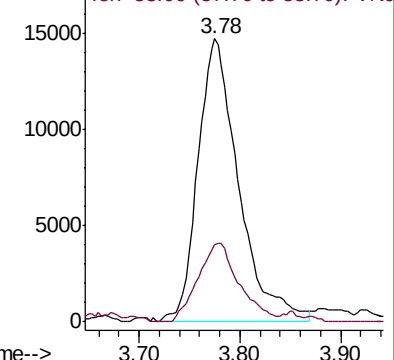


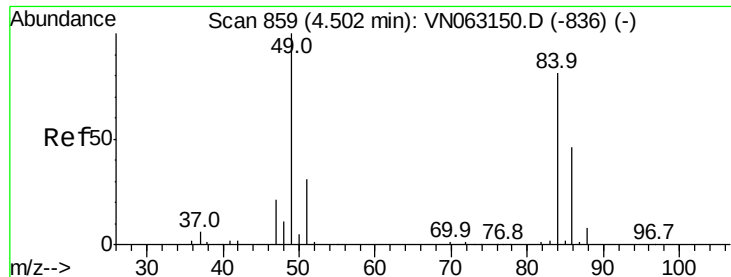
#16
Acetone
Concen: 32.693 ug/l
RT: 3.78 min Scan# 633
Delta R.T. 0.00 min
Lab File: VN063268.D
Acq: 5 Sep 2020 4:48

Tgt Ion: 43 Resp: 41476
Ion Ratio Lower Upper
43 100
58 27.1 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VNO





#20

Methvlene Chloride

Concen: 4.715 ug/l

RT: 4.51 min Scan# 863

Delta R.T. 0.01 min

Lab File: VN063268.D

Acq: 5 Sep 2020 4:48

Instrument :

MSVOA_N

ClientSampleId :

TP-4

Tot Ion: 84 Resp: 18409

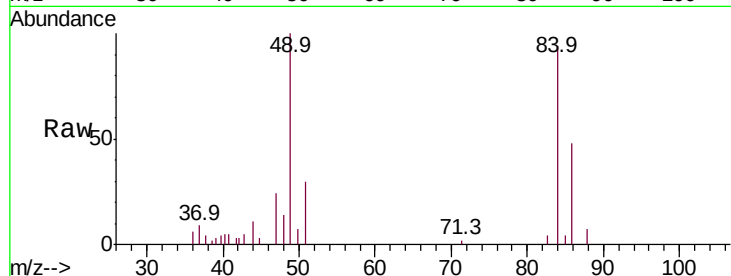
Ion Ratio Lower Upper

84 100

49 106.5 98.4 147.6

51 32.3 30.4 45.6

86 50.6 45.7 68.5

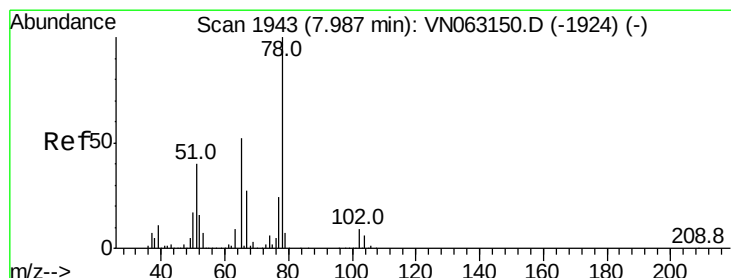
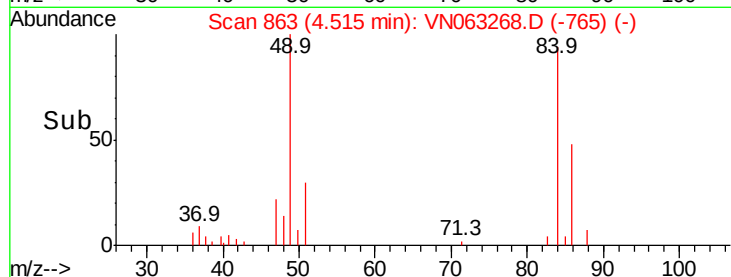
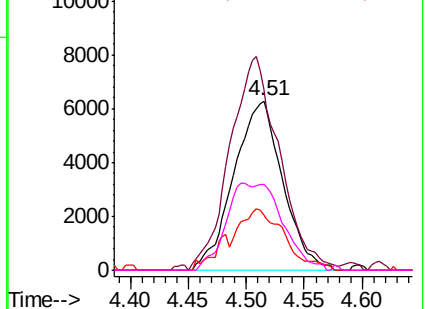


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 48.441 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063268.D

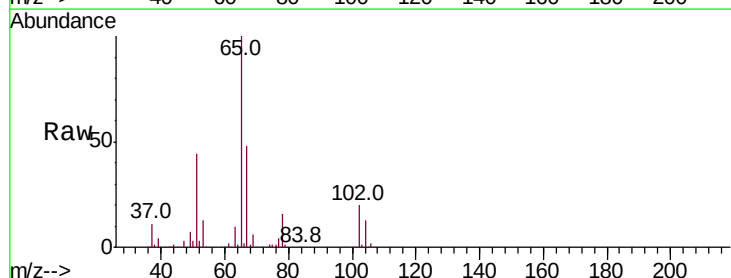
Acq: 5 Sep 2020 4:48

Tgt Ion: 65 Resp: 216187

Ion Ratio Lower Upper

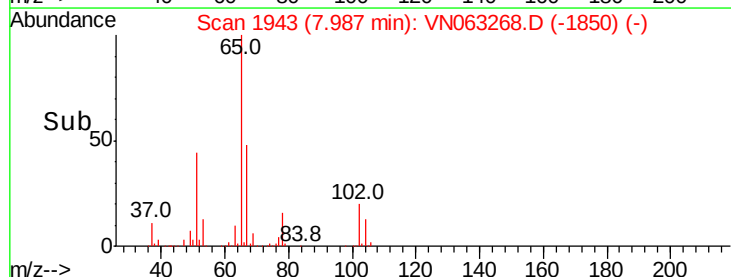
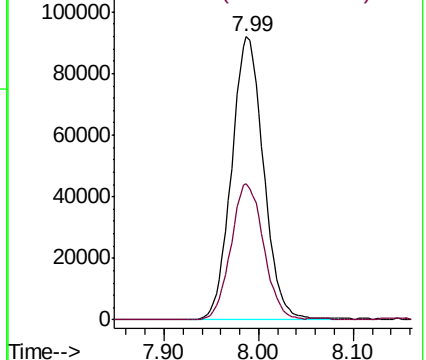
65 100

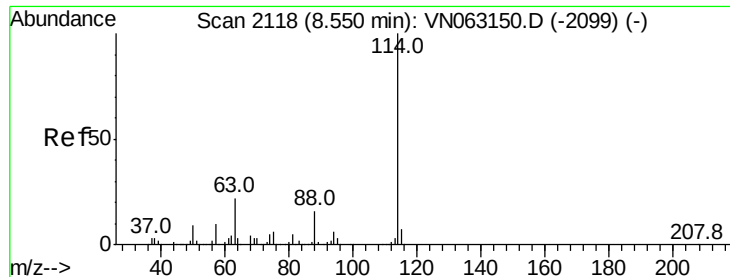
67 49.1 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

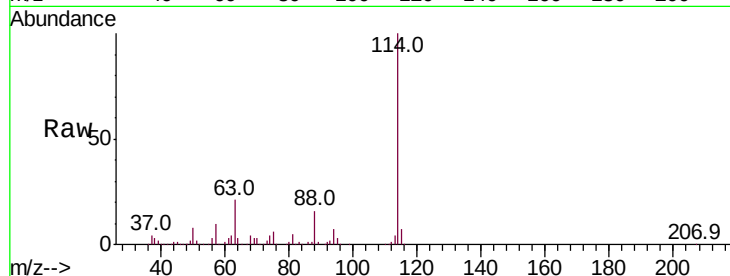




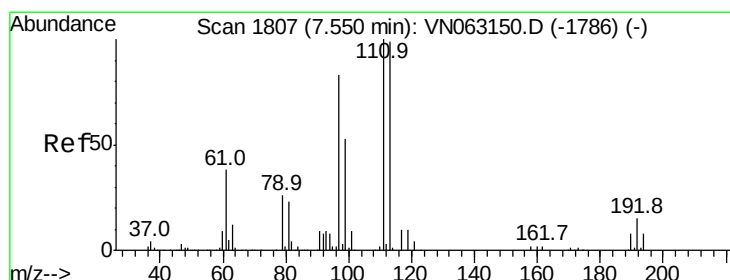
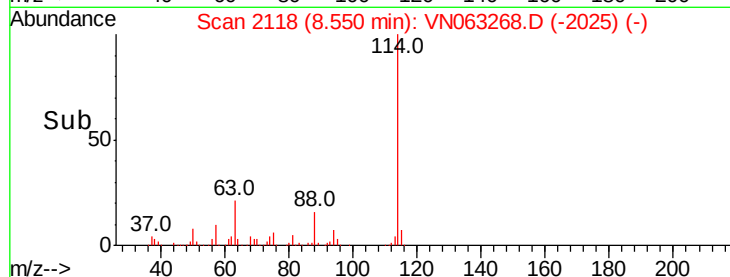
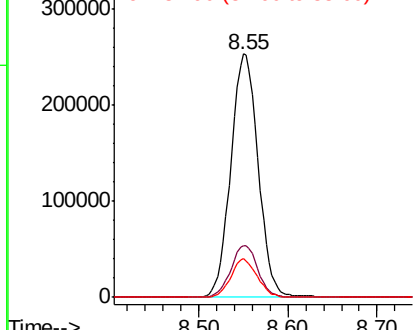
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN063268.D
Acq: 5 Sep 2020 4:48

Instrument :
MSVOA_N
ClientSampleId :
TP-4

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	43.0
88	15.9	0.0	31.6

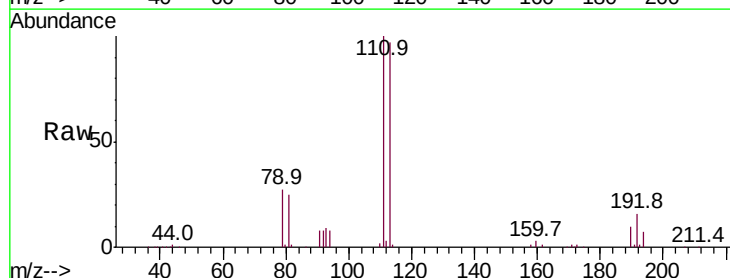


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

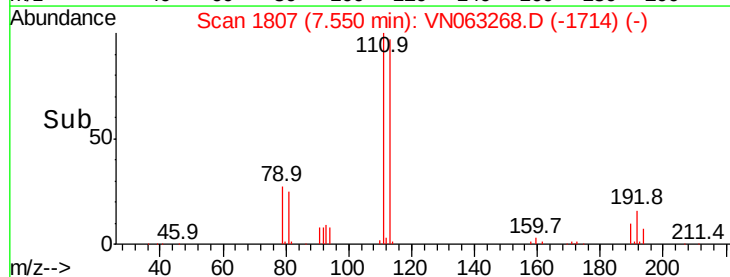
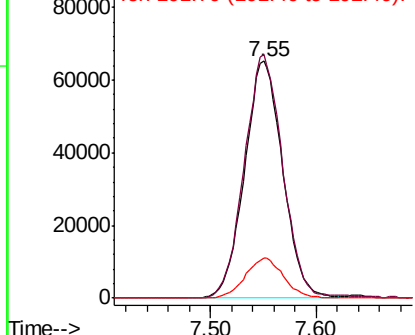


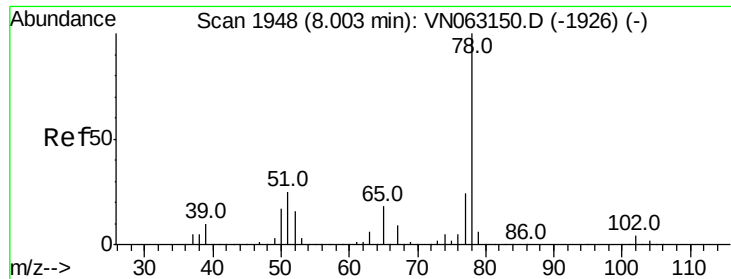
#35
Dibromofluoromethane
Concen: 47.519 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. -0.00 min
Lab File: VN063268.D
Acq: 5 Sep 2020 4:48

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	80.7	121.1
192	16.8	12.6	19.0



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





#40

Benzene

Concen: 3.934 ug/l

RT: 8.01 min Scan# 1949

Delta R.T. 0.00 min

Lab File: VN063268.D

Acq: 5 Sep 2020 4:48

Instrument :

MSVOA_N

ClientSampled :

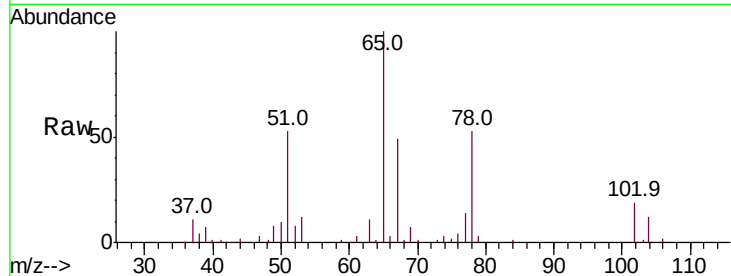
TP-4

Tot Ion: 78 Resp: 59911

Ion Ratio Lower Upper

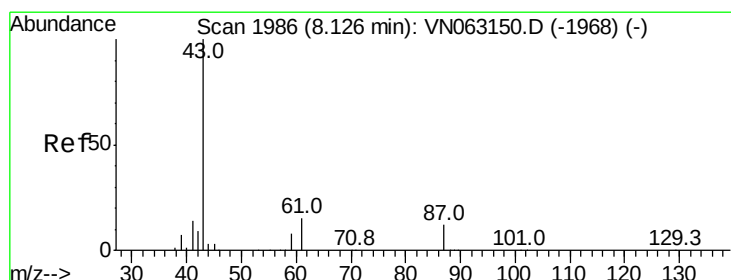
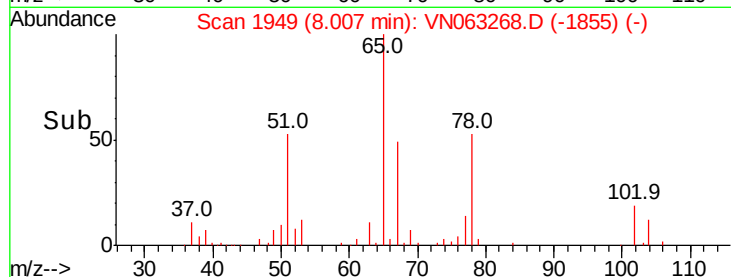
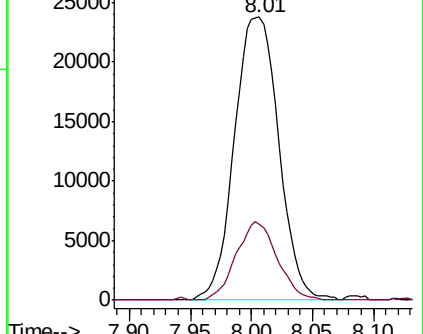
78 100

77 27.1 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



#43

Isopropyl Acetate

Concen: 8.635 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN063268.D

Acq: 5 Sep 2020 4:48

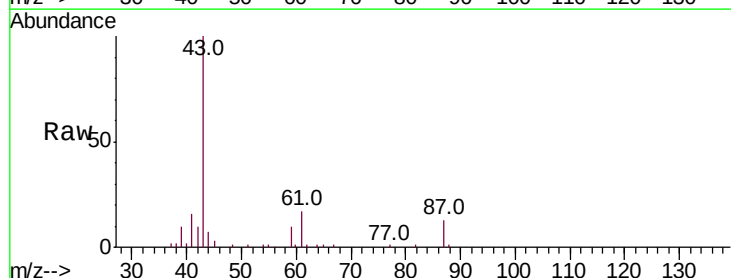
Tgt Ion: 43 Resp: 72987

Ion Ratio Lower Upper

43 100

61 17.9 20.2 30.4#

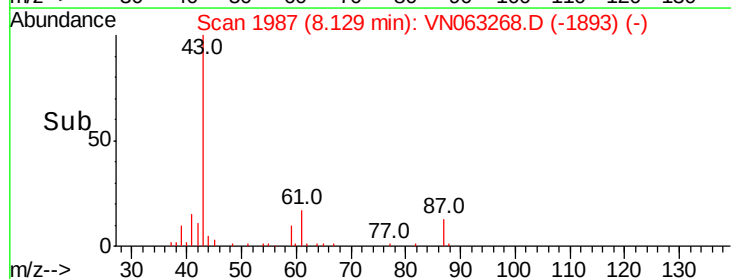
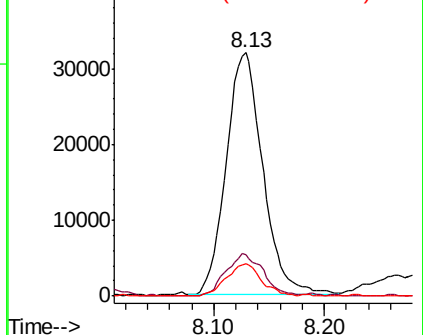
87 12.9 9.8 14.6

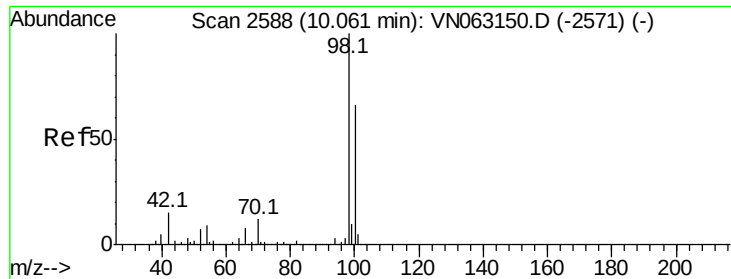


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

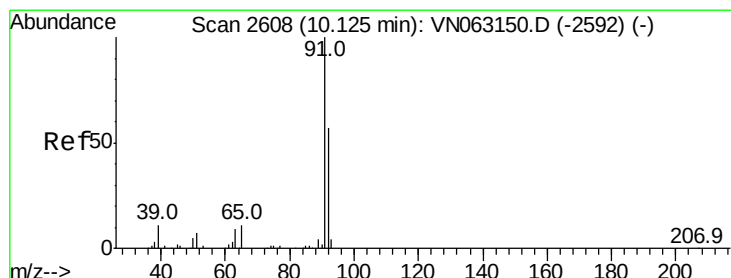
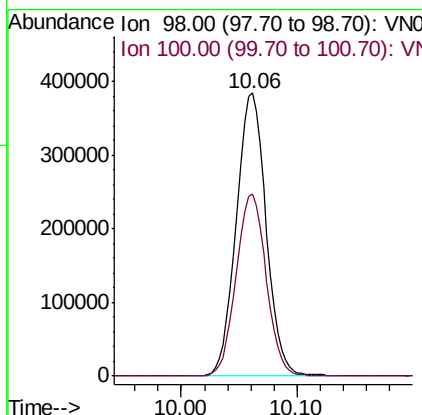
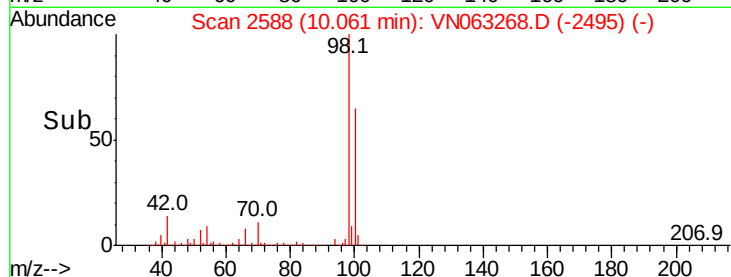
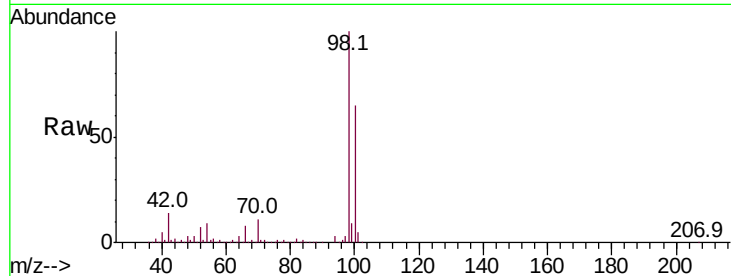




#50
Toluene-d8
Concen: 51.666 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. -0.00 min
Lab File: VN063268.D
Acq: 5 Sep 2020 4:48

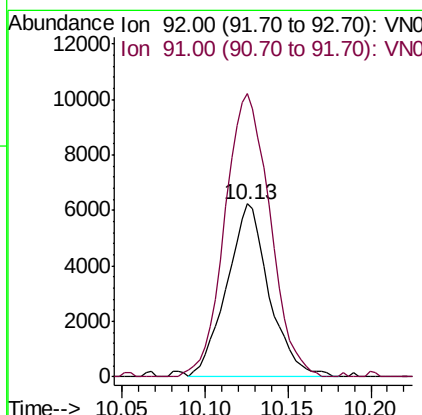
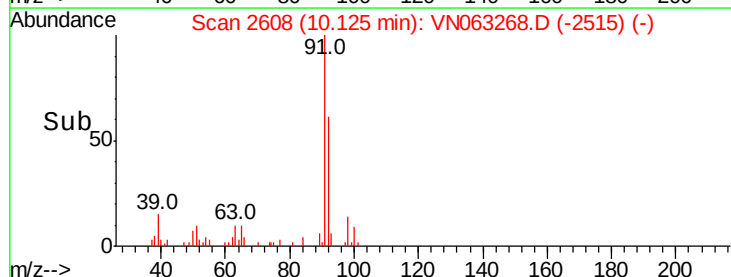
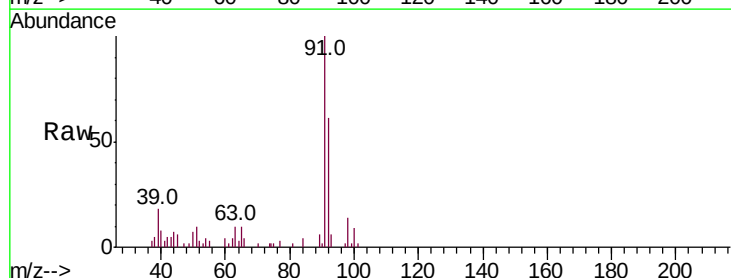
Instrument :
MSVOA_N
ClientSampleId :
TP-4

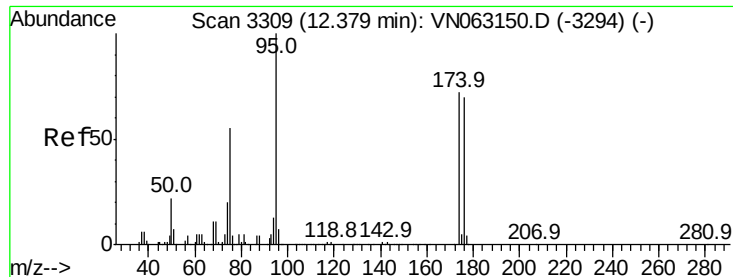
Tot Ion: 98 Resp: 687815
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#52
Toluene
Concen: 1.170 ug/l
RT: 10.13 min Scan# 2608
Delta R.T. -0.00 min
Lab File: VN063268.D
Acq: 5 Sep 2020 4:48

Tgt Ion: 92 Resp: 11100
Ion Ratio Lower Upper
92 100
91 173.9 141.2 211.8





#62

4-Bromofluorobenzene

Concen: 53.130 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063268.D

Acq: 5 Sep 2020 4:48

Instrument :

MSVOA_N

ClientSampleId :

TP-4

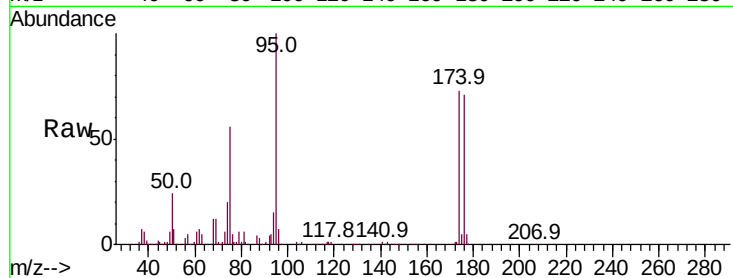
Tot Ion: 95 Resp: 247420

Ion Ratio Lower Upper

95 100

174 75.2 0.0 143.8

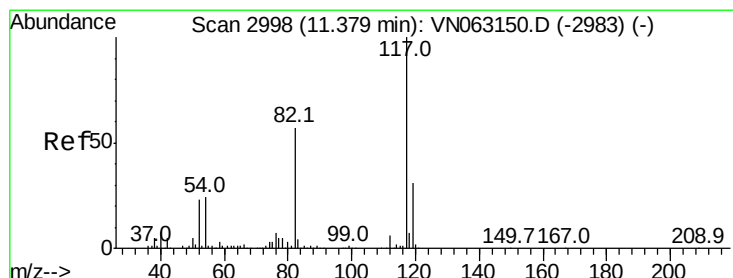
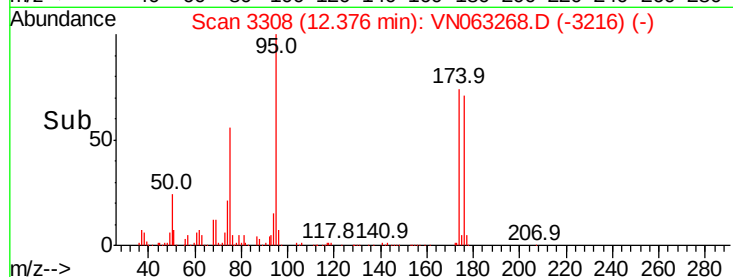
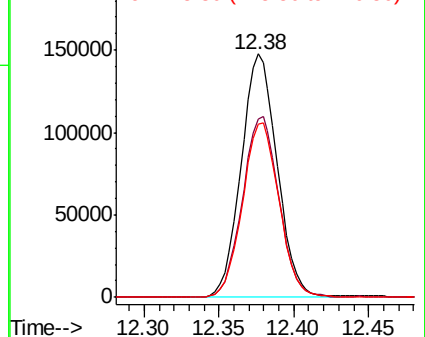
176 72.9 0.0 138.4



Abundance Ion 94.90 (94.60 to 95.60): VN063150.D (-3294) (-)

Ion 173.80 (173.50 to 174.50): VN063150.D (-3294) (-)

Ion 175.80 (175.50 to 176.50): VN063150.D (-3294) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. -0.00 min

Lab File: VN063268.D

Acq: 5 Sep 2020 4:48

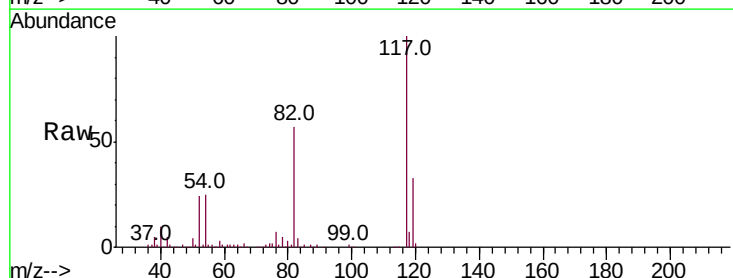
Tgt Ion: 117 Resp: 544242

Ion Ratio Lower Upper

117 100

82 57.2 45.4 68.0

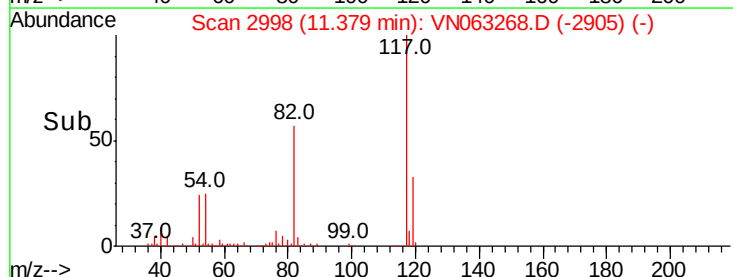
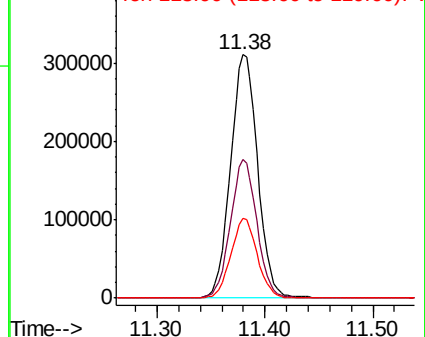
119 32.6 24.6 37.0

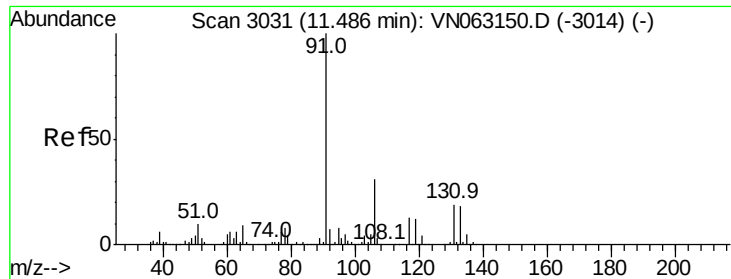


Abundance Ion 116.90 (116.60 to 117.60): VN063150.D (-2983) (-)

Ion 82.00 (81.70 to 82.70): VN063150.D (-2983) (-)

Ion 118.90 (118.60 to 119.60): VN063150.D (-2983) (-)

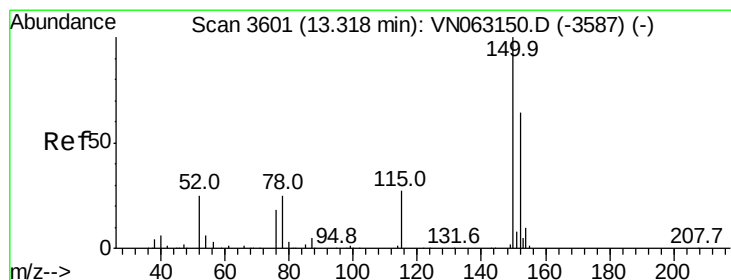
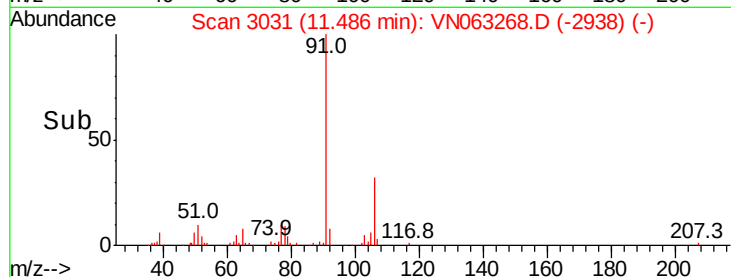
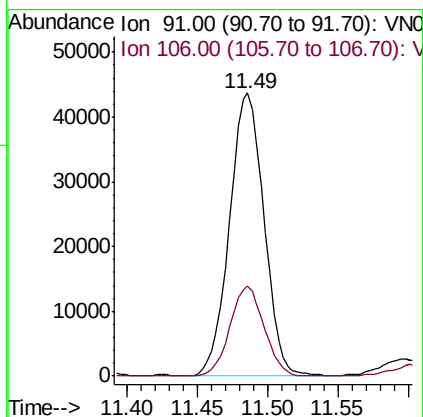
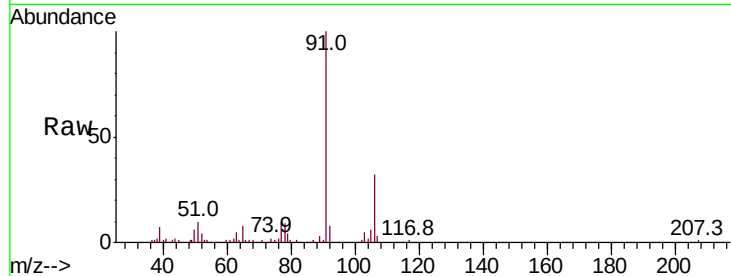




#67
Ethyl Benzene
Concen: 3.749 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. -0.00 min
Lab File: VN063268.D
Acq: 5 Sep 2020 4:48

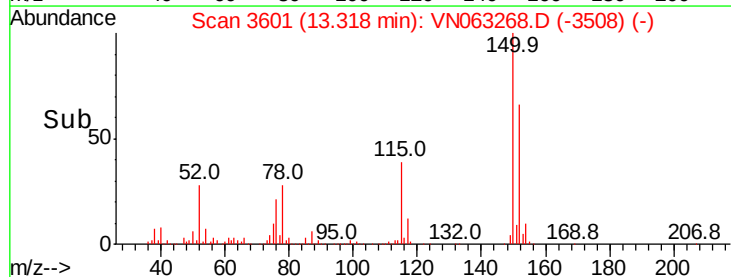
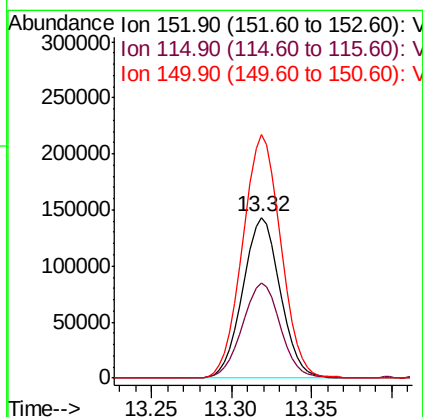
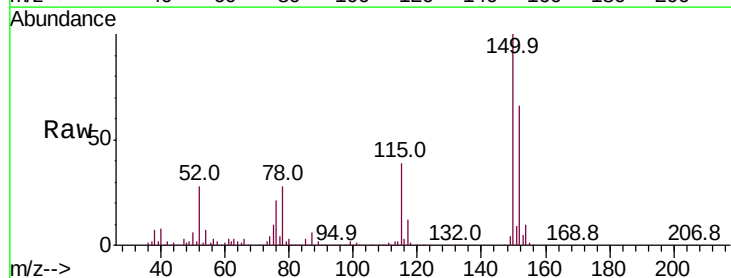
Instrument :
MSVOA_N
ClientSampled :
TP-4

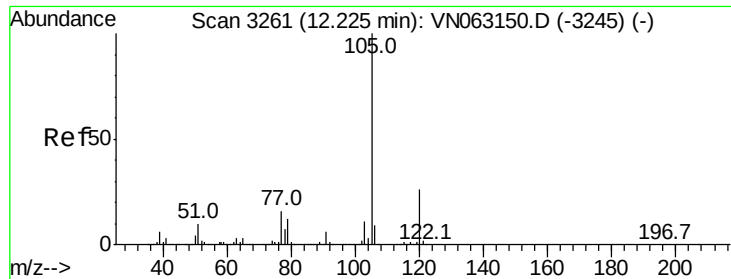
Tot Ion: 91 Resp: 74966
Ion Ratio Lower Upper
91 100
106 31.7 24.4 36.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063268.D
Acq: 5 Sep 2020 4:48

Tgt Ion: 152 Resp: 228190
Ion Ratio Lower Upper
152 100
115 59.5 32.0 96.2
150 155.6 0.0 353.0





#73

Isopropylbenzene

Concen: 7.465 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. -0.00 min

Lab File: VN063268.D

Acq: 5 Sep 2020 4:48

Instrument :

MSVOA_N

ClientSampled :

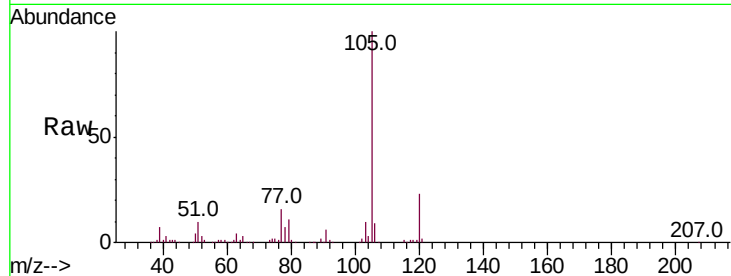
TP-4

Tot Ion:105 Resp: 130653

Ion Ratio Lower Upper

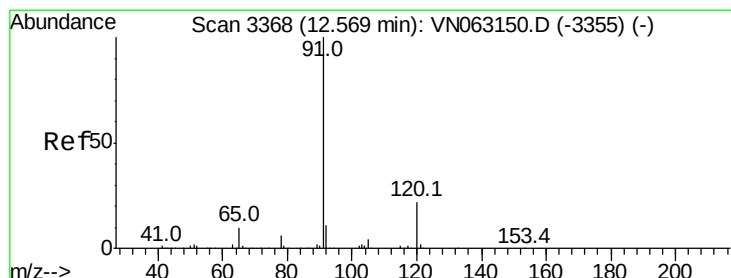
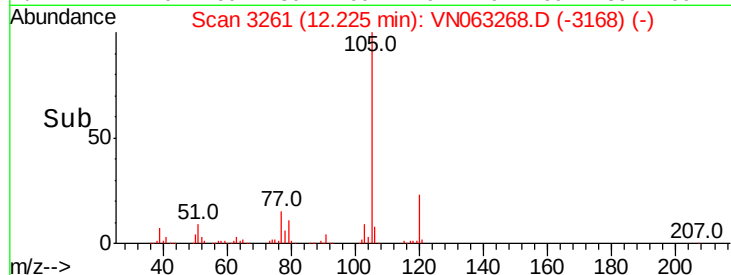
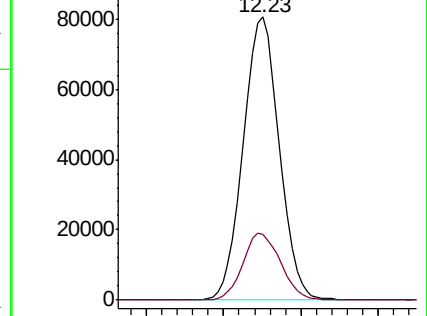
105 100

120 24.7 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 3.352 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063268.D

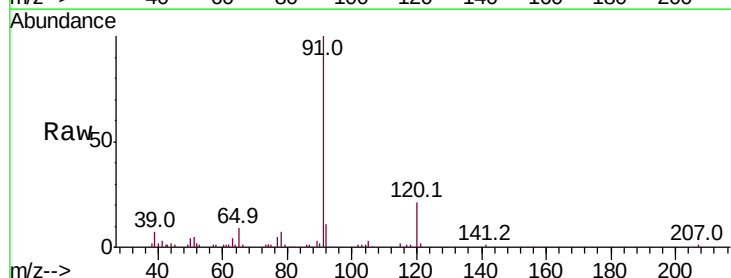
Acq: 5 Sep 2020 4:48

Tgt Ion: 91 Resp: 67882

Ion Ratio Lower Upper

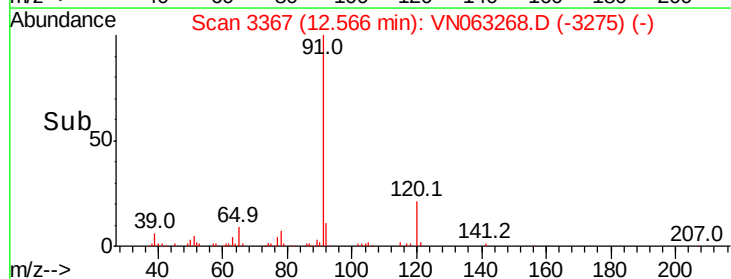
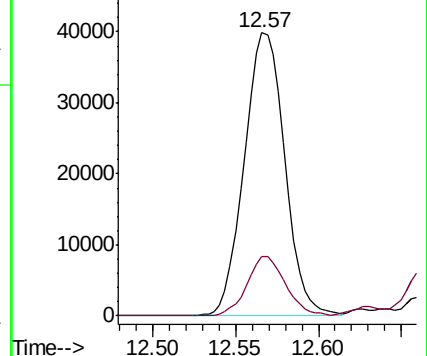
91 100

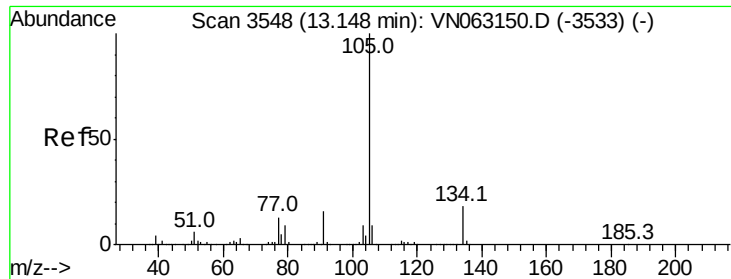
120 19.9 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

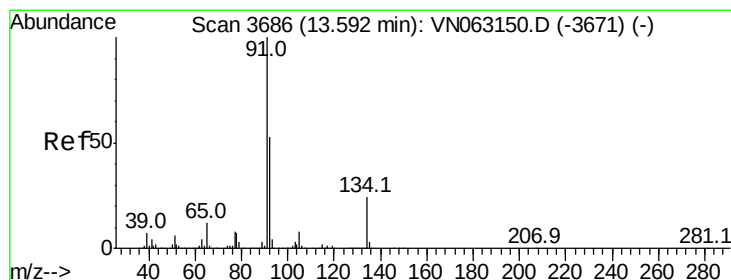
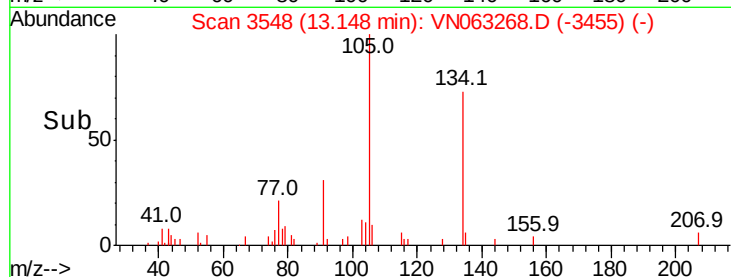
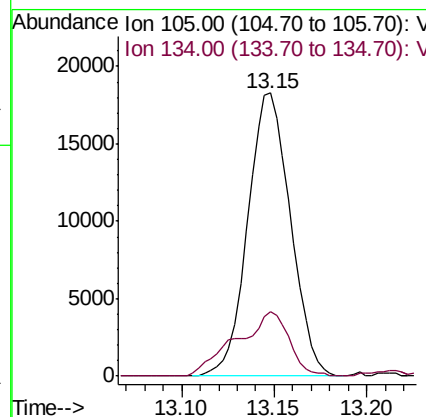
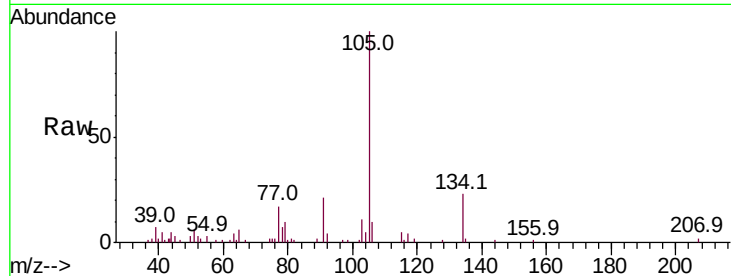




#85
 sec-Butylbenzene
 Concen: 1.802 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. -0.00 min
 Lab File: VN063268.D
 Acq: 5 Sep 2020 4:48

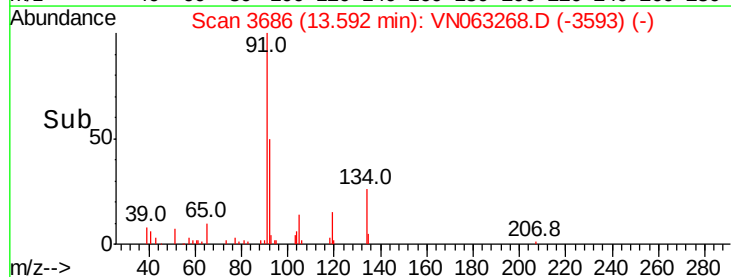
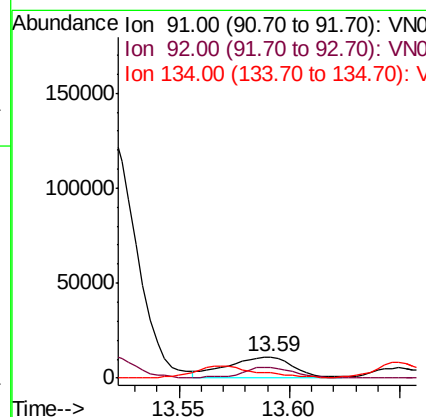
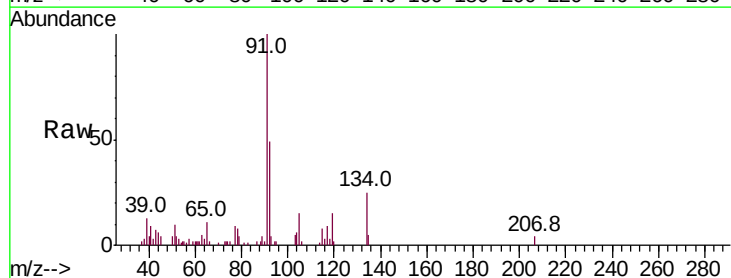
Instrument :
 MSVOA_N
 ClientSampled :
 TP-4

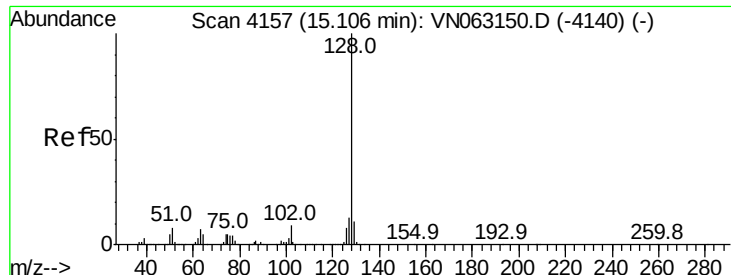
Tot Ion:105 Resp: 29339
 Ion Ratio Lower Upper
 105 100
 134 28.3 9.4 28.3



#89
 n-Butylbenzene
 Concen: 1.685 ug/l
 RT: 13.59 min Scan# 3686
 Delta R.T. -0.00 min
 Lab File: VN063268.D
 Acq: 5 Sep 2020 4:48

Tgt Ion: 91 Resp: 22502
 Ion Ratio Lower Upper
 91 100
 92 37.9 26.3 78.8
 134 0.0 12.0 36.0#





#95

Naphthalene

Concen: 8.999 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN063268.D

Acq: 5 Sep 2020 4:48

Instrument :

MSVOA_N

ClientSampleId :

TP-4

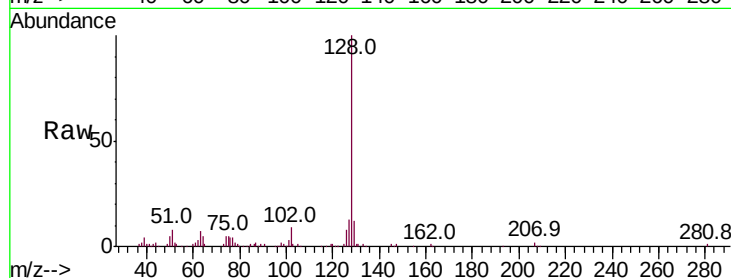
Tot Ion:128 Resp: 118361

Ion Ratio Lower Upper

128 100

127 12.0 10.5 15.7

129 9.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

