

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031820\
 Data File : VN060589.D
 Acq On : 18 Mar 2020 14:09
 Operator : JC/MD
 Sample : L1917-28
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Quant Time: Mar 19 04:59:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	178854	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	295901	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	264220	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	111568	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	112651	45.88	ug/l	0.00
Spiked Amount			Recovery	=	91.76%	
35) Dibromofluoromethane	7.57	113	86587	48.39	ug/l	0.00
Spiked Amount			Recovery	=	96.78%	
50) Toluene-d8	10.08	98	355185	48.60	ug/l	0.00
Spiked Amount			Recovery	=	97.20%	
62) 4-Bromofluorobenzene	12.40	95	126025	47.05	ug/l	0.00
Spiked Amount			Recovery	=	94.10%	

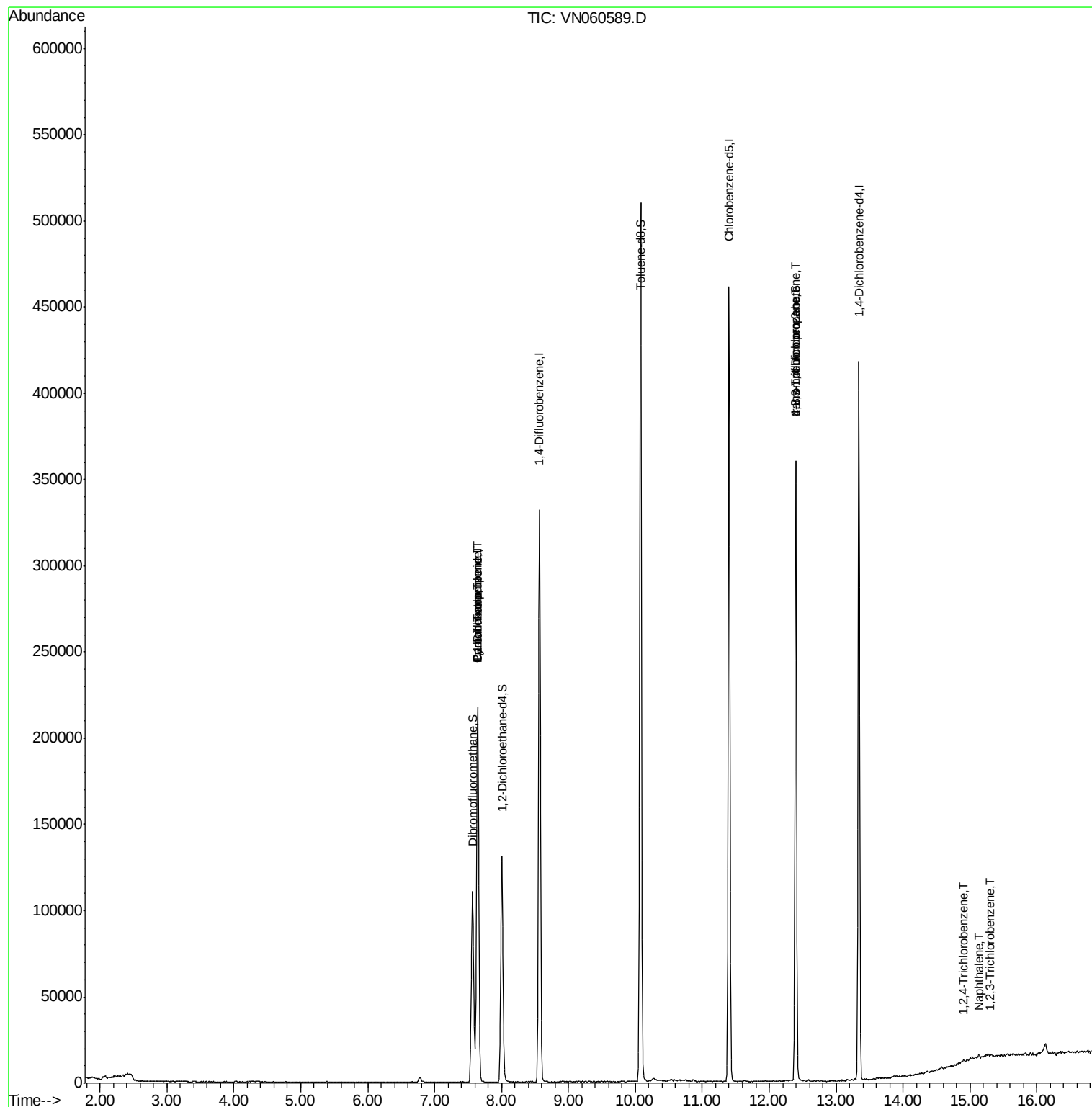
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	7.64	56	3905	0.987	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	14463	5.048	ug/l #	49
38) Carbon Tetrachloride	7.64	117	17197	6.697	ug/l #	16
76) 1,2,3-Trichloropropane	12.40	75	63806	26.504	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	63806	68.070	ug/l #	13
93) 1,2,4-Trichlorobenzene	14.91	180	524	0.251	ug/l #	77
95) Naphthalene	15.13	128	1949	0.310	ug/l #	71
96) 1,2,3-Trichlorobenzene	15.31	180	430	0.209	ug/l #	76

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

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Quant Title : SW846 8260
QLast Update : Wed Mar 18 08:49:09 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN060589.D

Acq: 18 Mar 2020 14:09

Instrument :

MSVOA_N

ClientSampleId :

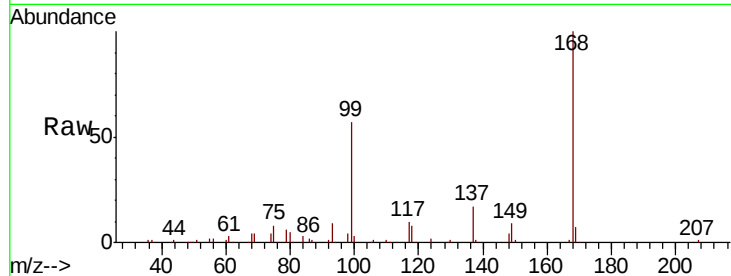
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Tot Ion:168 Resp: 178854

Ion Ratio Lower Upper

168 100

99 56.8 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

80000

60000

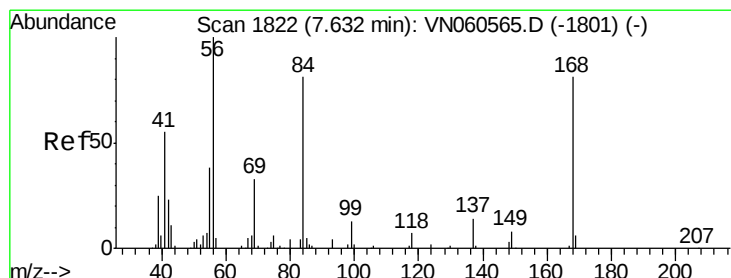
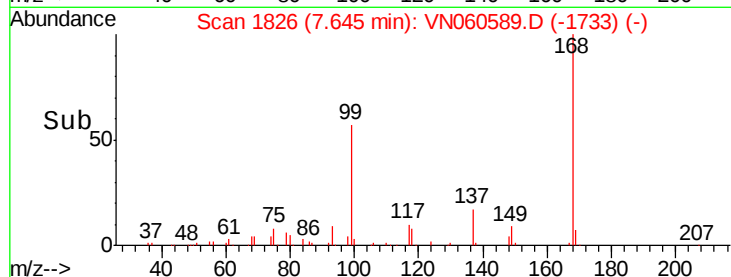
40000

20000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#31

Cyclohexane

Concen: 0.987 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.01 min

Lab File: VN060589.D

Acq: 18 Mar 2020 14:09

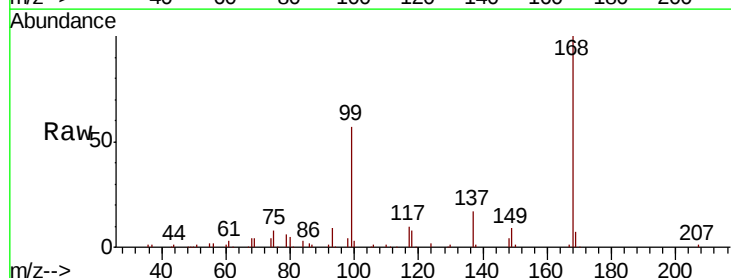
Tgt Ion: 56 Resp: 3905

Ion Ratio Lower Upper

56 100

69 155.3 26.6 40.0#

84 124.9 64.3 96.5#



Abundance Ion 56.00 (55.70 to 56.70): VN

Ion 69.00 (68.70 to 69.70): VN

Ion 84.00 (83.70 to 84.70): VN

4000

3000

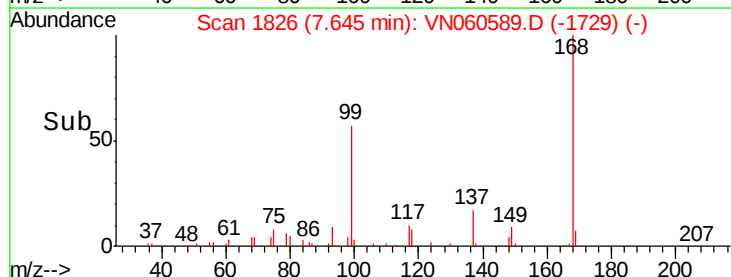
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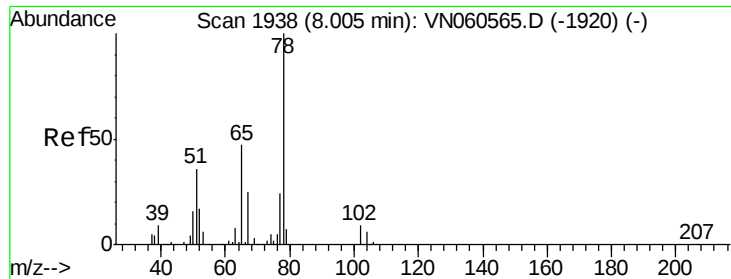
1000

0

7.60 7.65 7.70

Time-->

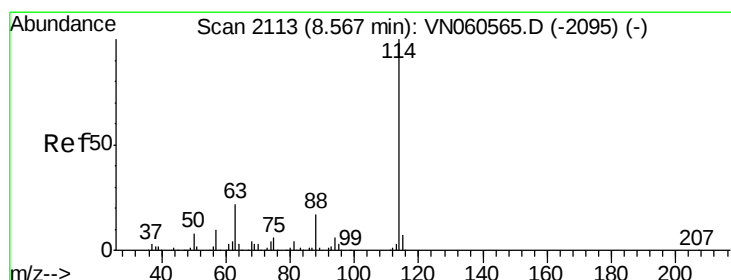
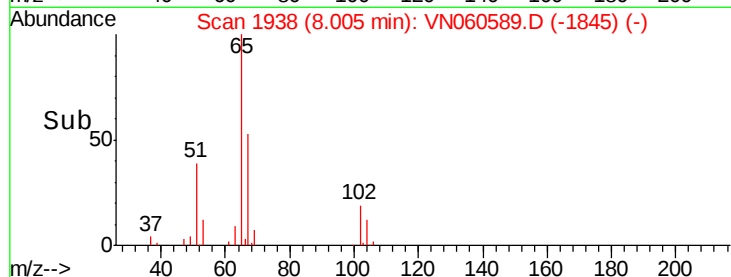
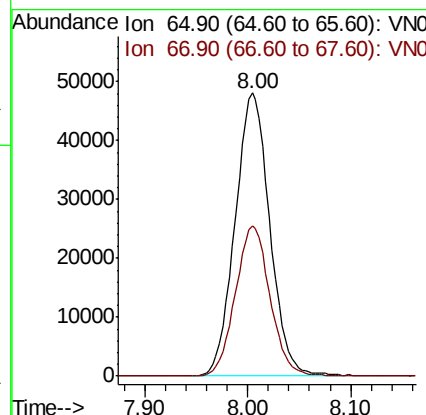
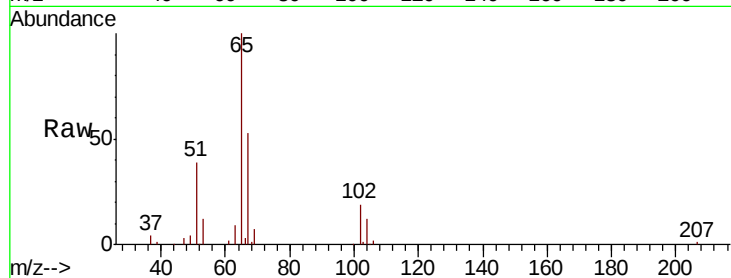




#33
 1,2-Dichloroethane-d4
 Concen: 45.882 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN060589.D
 Acq: 18 Mar 2020 14:09

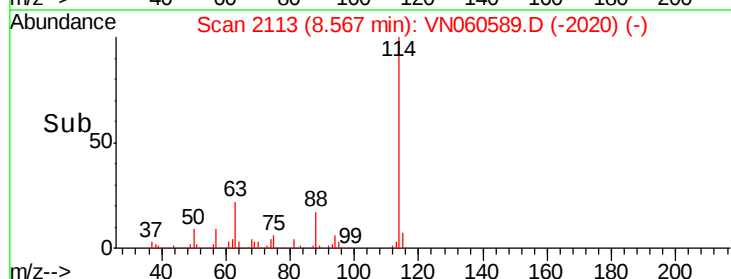
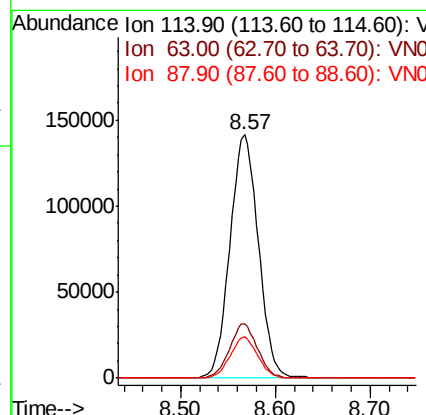
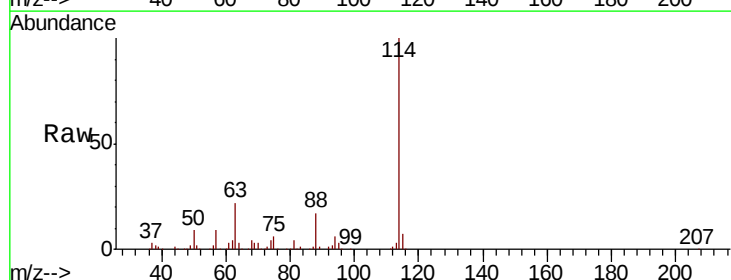
Instrument :
 MSVOA_N
 ClientSampleId :
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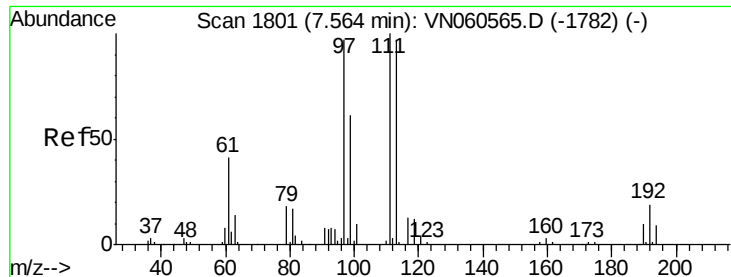
Tot Ion: 65 Resp: 112651
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060589.D
 Acq: 18 Mar 2020 14:09

Tgt Ion: 114 Resp: 295901
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 43.8
 88 16.8 0.0 33.0

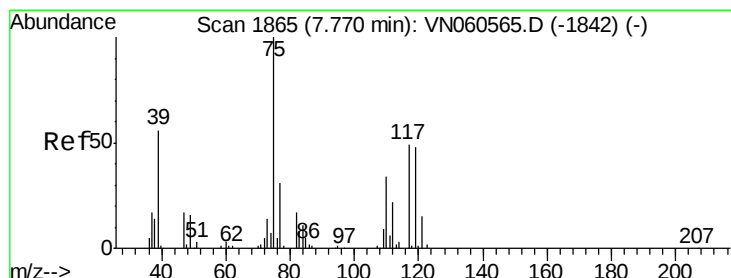
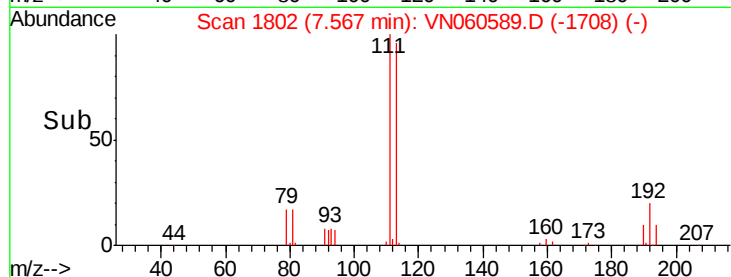
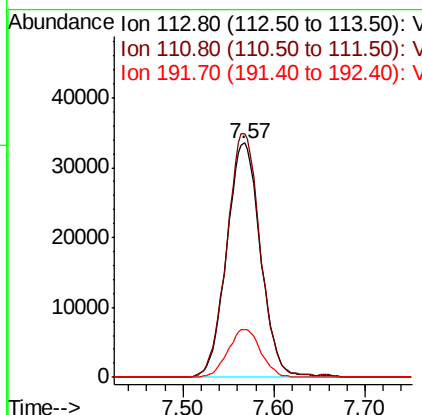
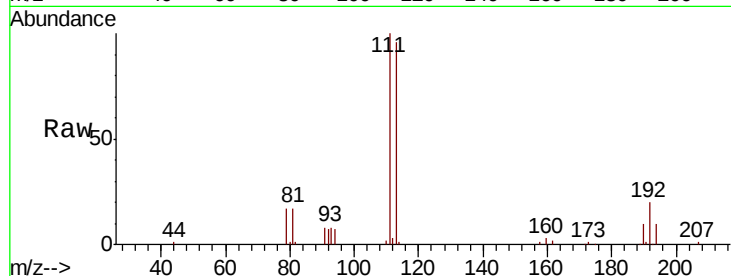




#35
 Dibromofluoromethane
 Concen: 48.394 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN060589.D
 Acq: 18 Mar 2020 14:09

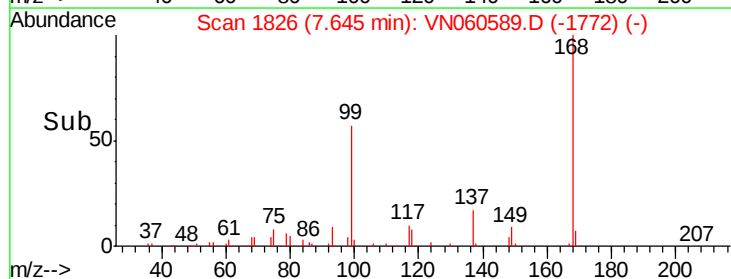
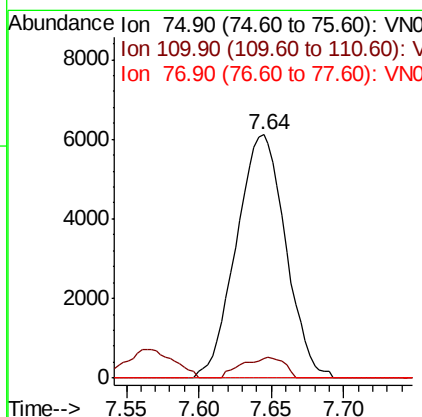
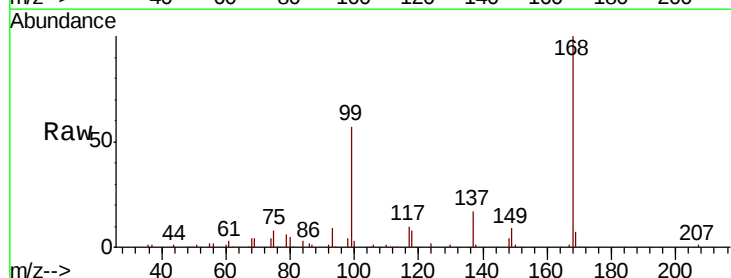
Instrument :
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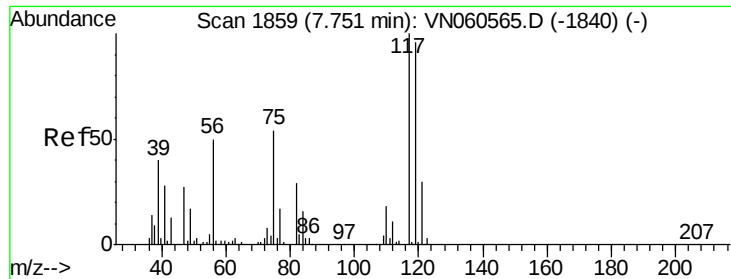
Tot Ion:113 Resp: 86587
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.9 124.3
 192 19.9 15.8 23.8



#36
 1,1-Dichloropropene
 Concen: 5.048 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.13 min
 Lab File: VN060589.D
 Acq: 18 Mar 2020 14:09

Tgt Ion: 75 Resp: 14463
 Ion Ratio Lower Upper
 75 100
 110 7.3 16.9 50.6#
 77 0.0 24.6 36.8#





#38

Carbon Tetrachloride

Concen: 6.697 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.11 min

Lab File: VN060589.D

Acq: 18 Mar 2020 14:09

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK

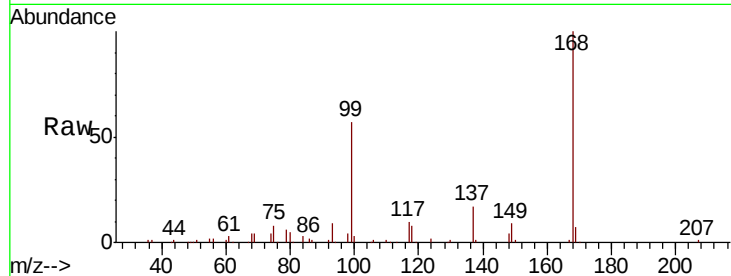
Tot Ion:117 Resp: 17197

Ion Ratio Lower Upper

117 100

119 4.9 76.2 114.2#

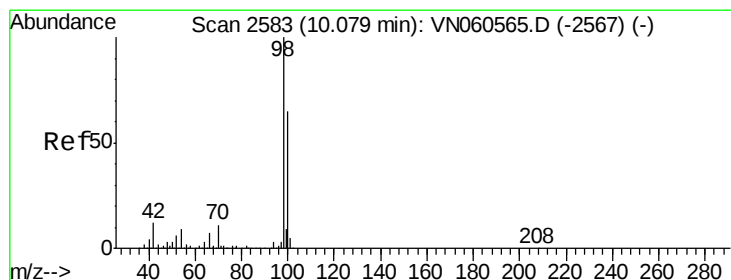
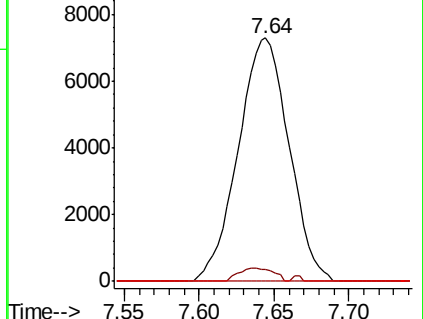
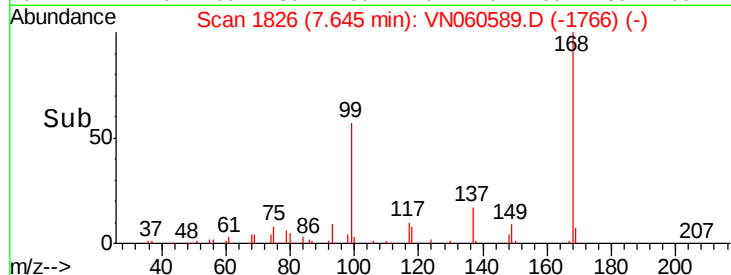
121 0.0 23.7 35.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 48.600 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060589.D

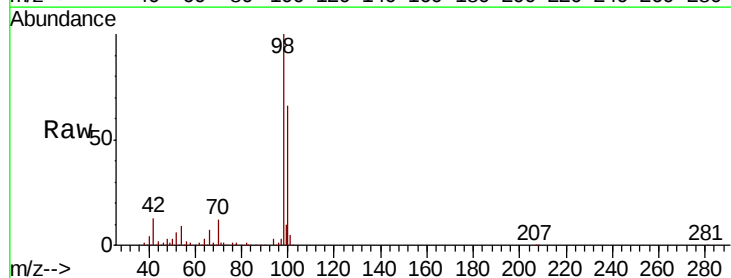
Acq: 18 Mar 2020 14:09

Tgt Ion: 98 Resp: 355185

Ion Ratio Lower Upper

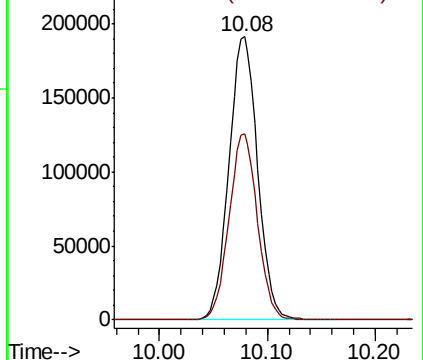
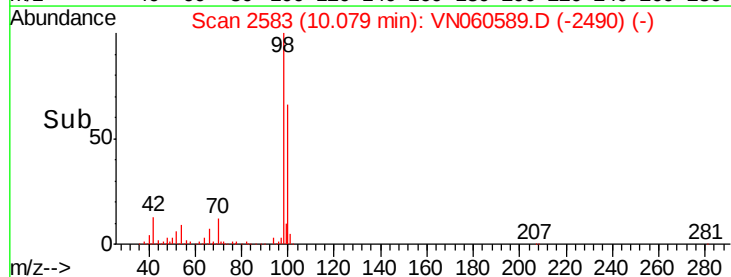
98 100

100 65.1 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

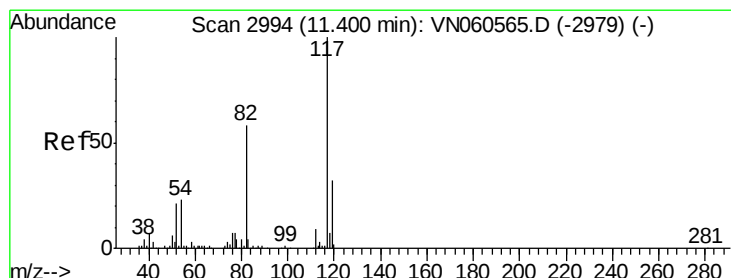
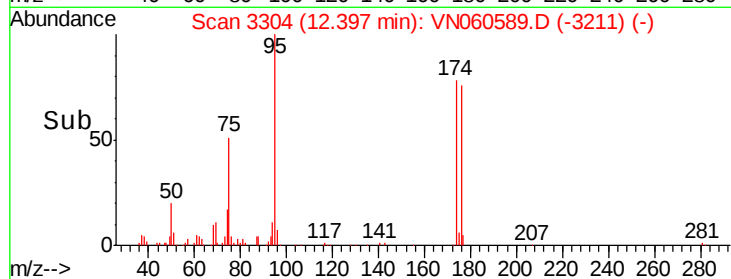
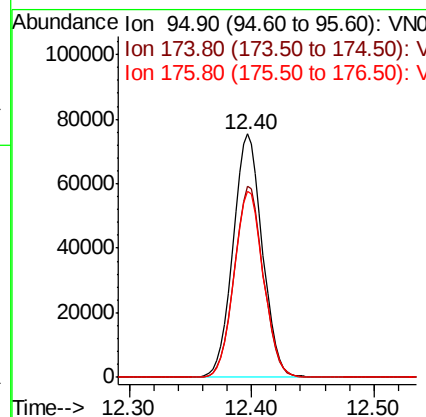
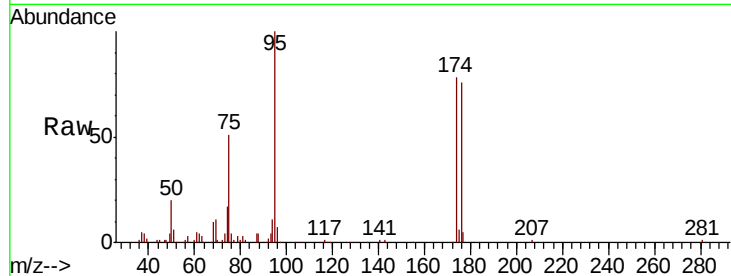




#62
4-Bromofluorobenzene
Concen: 47.053 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN060589.D
Acq: 18 Mar 2020 14:09

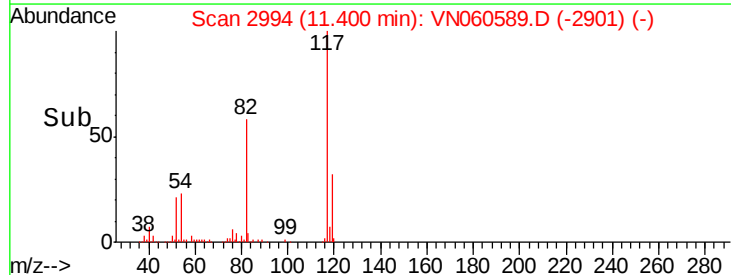
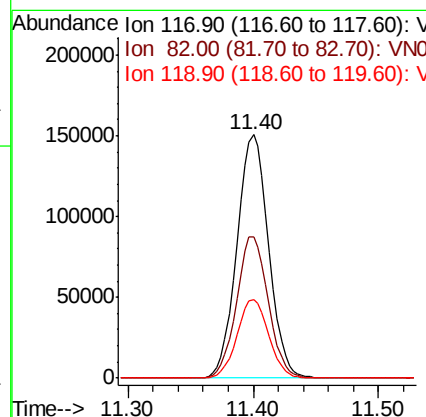
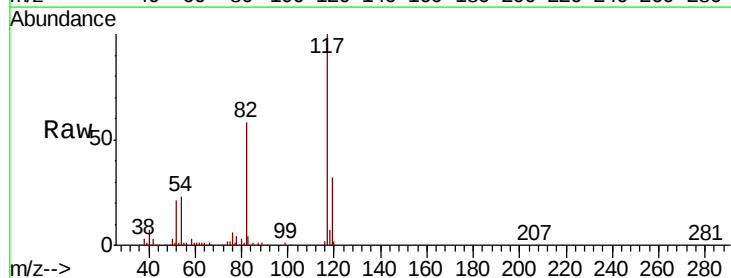
Instrument :
MSVOA_N
ClientSampleId :
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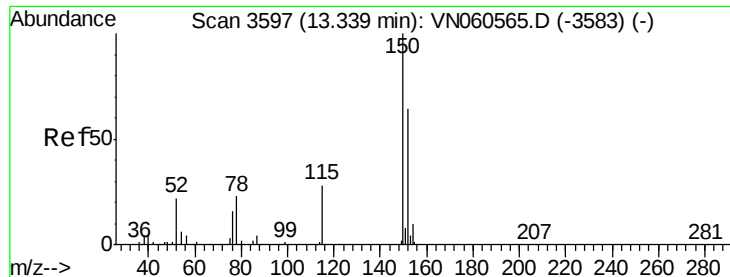
Tot Ion	Ratio	Lower	Upper
95	100		
174	77.8	0.0	157.6
176	76.6	0.0	150.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060589.D
Acq: 18 Mar 2020 14:09

Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.0	46.7	70.1
119	32.4	25.5	38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060589.D

Acq: 18 Mar 2020 14:09

Instrument :

MSVOA_N

ClientSampled :

TRIP-BLANK

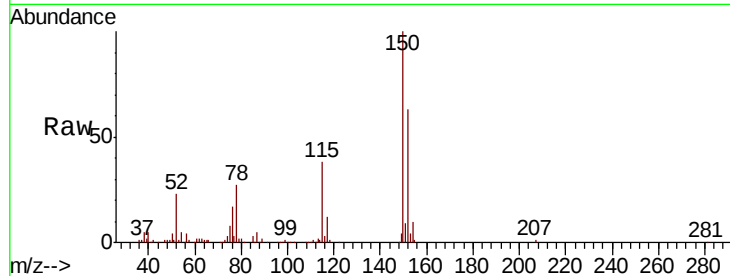
Tot Ion:152 Resp: 111568

Ion Ratio Lower Upper

152 100

115 59.7 30.2 90.6

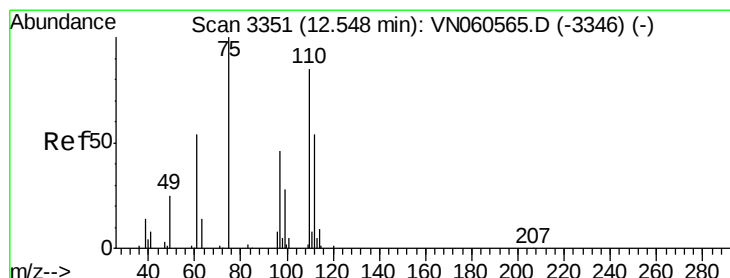
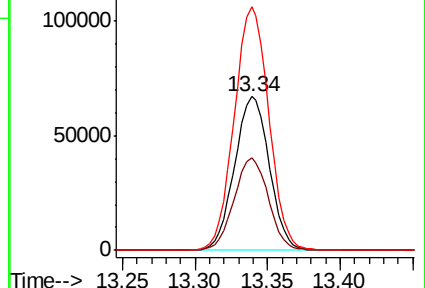
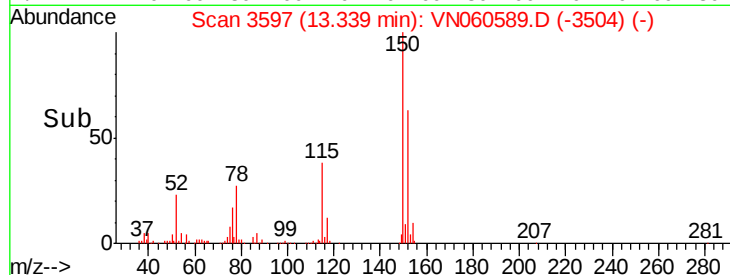
150 157.8 0.0 350.2



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



#76

1,2,3-Trichloropropane

Concen: 26.504 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN060589.D

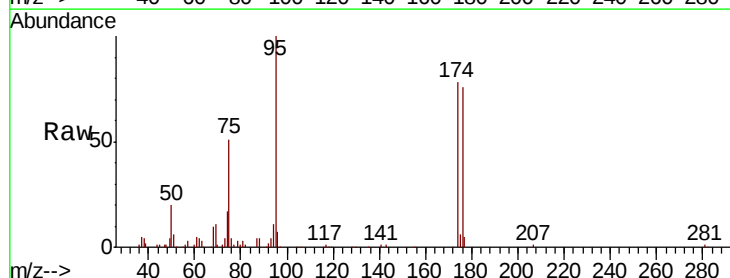
Acq: 18 Mar 2020 14:09

Tgt Ion: 75 Resp: 63806

Ion Ratio Lower Upper

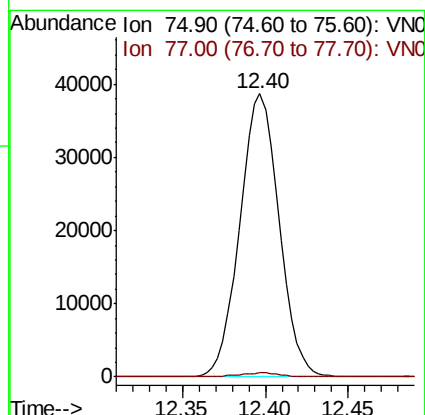
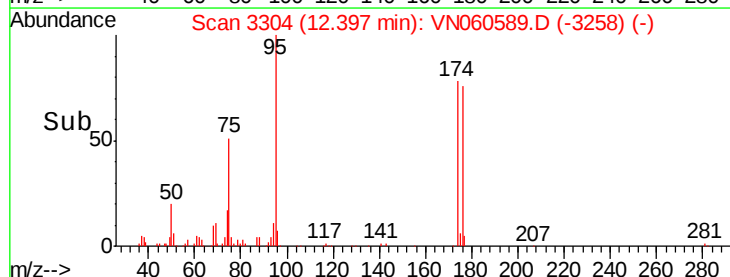
75 100

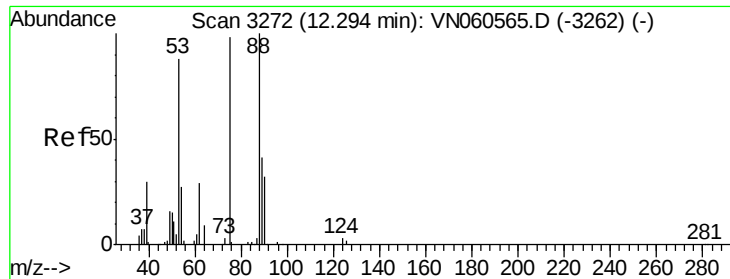
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 68.070 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN060589.D

Acq: 18 Mar 2020 14:09

Instrument :

MSVOA_N

ClientSampled :

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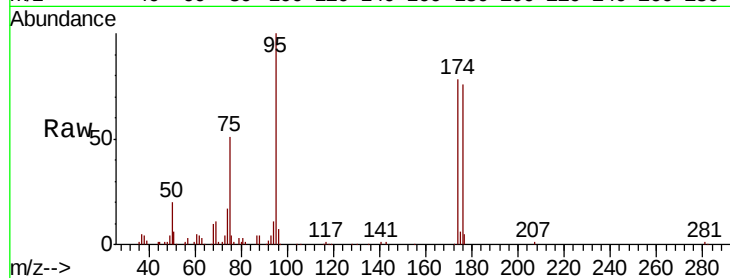
Tot Ion: 75 Resp: 63806

Ion Ratio Lower Upper

75 100

53 0.0 73.0 109.4#

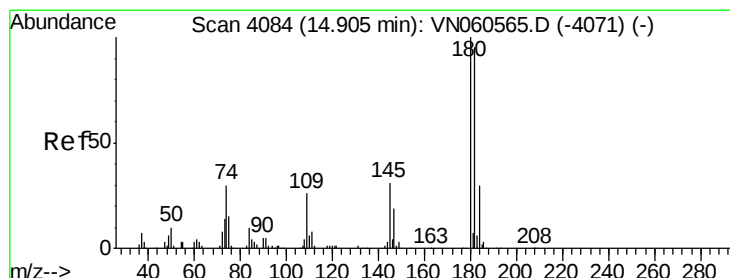
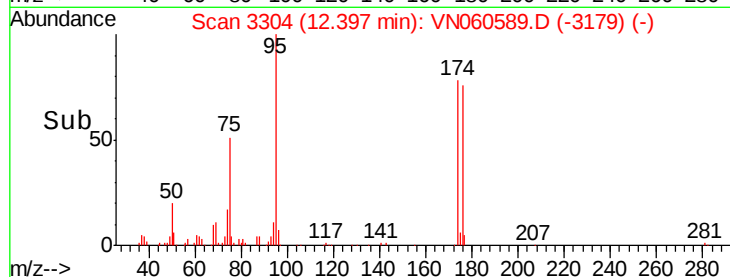
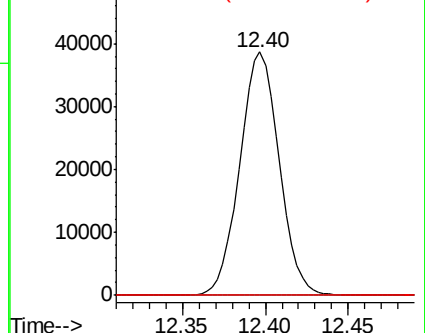
89 0.0 34.8 52.2#



Abundance Ion 74.90 (74.60 to 75.60): VN060565.D (-3262) (-)

Ion 53.00 (52.70 to 53.70): VN060565.D (-3262) (-)

Ion 88.90 (88.60 to 89.60): VN060565.D (-3262) (-)



#93

1,2,4-Trichlorobenzene

Concen: 0.251 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN060589.D

Acq: 18 Mar 2020 14:09

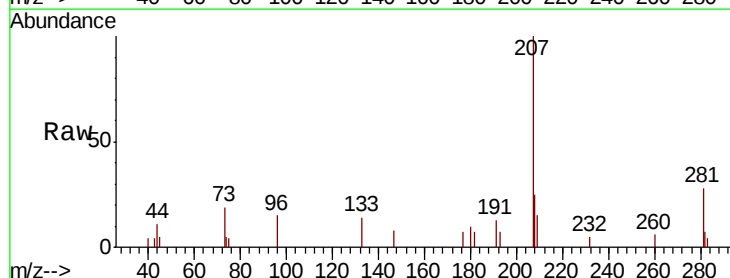
Tgt Ion: 180 Resp: 524

Ion Ratio Lower Upper

180 100

182 83.6 47.9 143.8

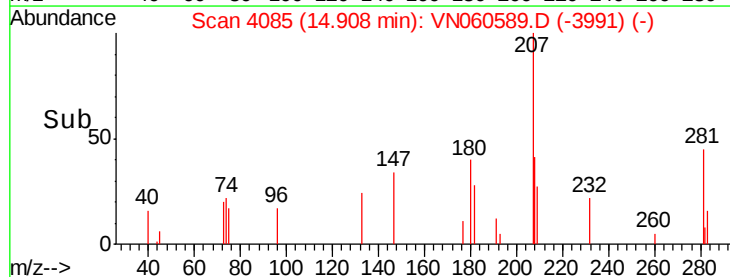
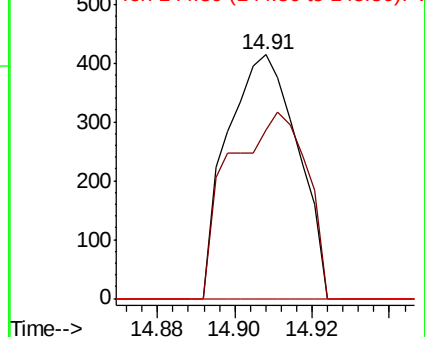
145 0.0 15.4 46.2#

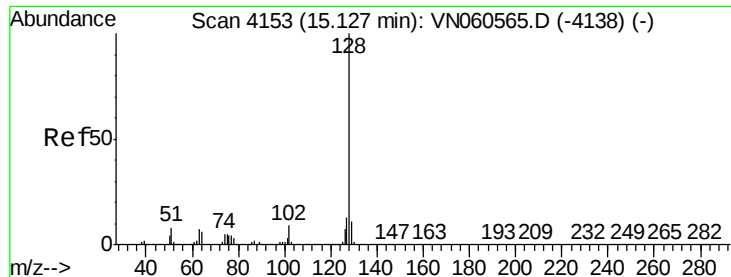


Abundance Ion 179.80 (179.50 to 180.50): VN060565.D (-4071) (-)

Ion 181.80 (181.50 to 182.50): VN060565.D (-4071) (-)

Ion 144.80 (144.50 to 145.50): VN060565.D (-4071) (-)





#95

Naphthalene

Concen: 0.310 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.01 min

Lab File: VN060589.D

Acq: 18 Mar 2020 14:09

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK

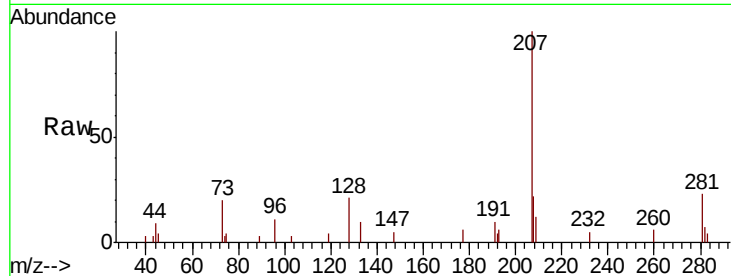
Tot Ion:128 Resp: 1949

Ion Ratio Lower Upper

128 100

127 1.5 10.2 15.2#

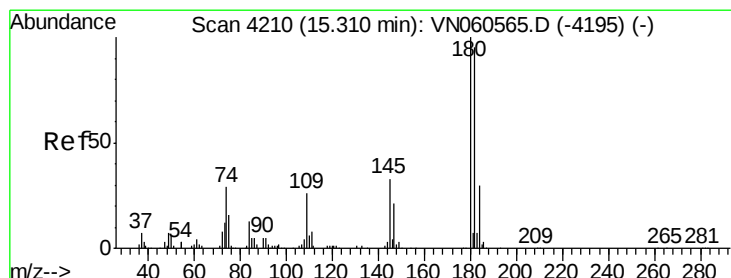
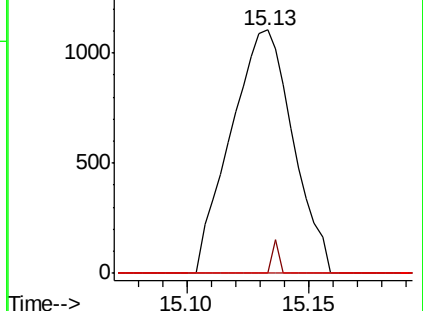
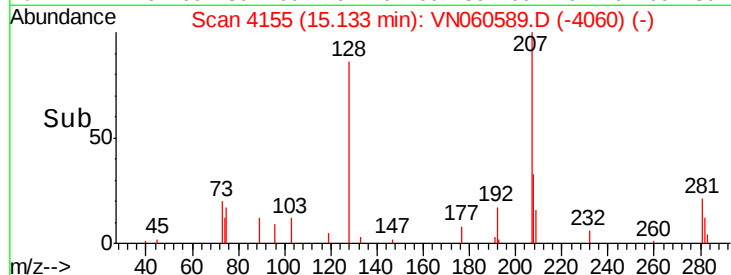
129 0.0 8.8 13.2#



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



#96

1,2,3-Trichlorobenzene

Concen: 0.209 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. -0.00 min

Lab File: VN060589.D

Acq: 18 Mar 2020 14:09

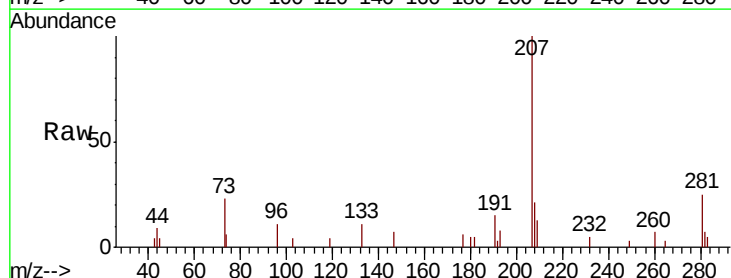
Tgt Ion:180 Resp: 430

Ion Ratio Lower Upper

180 100

182 106.7 47.5 142.6

145 0.0 16.3 48.8#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

