

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN033020\
 Data File : VN060772.D
 Acq On : 30 Mar 2020 15:49
 Operator : JC/MD
 Sample : L2059-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 31 08:00:16 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

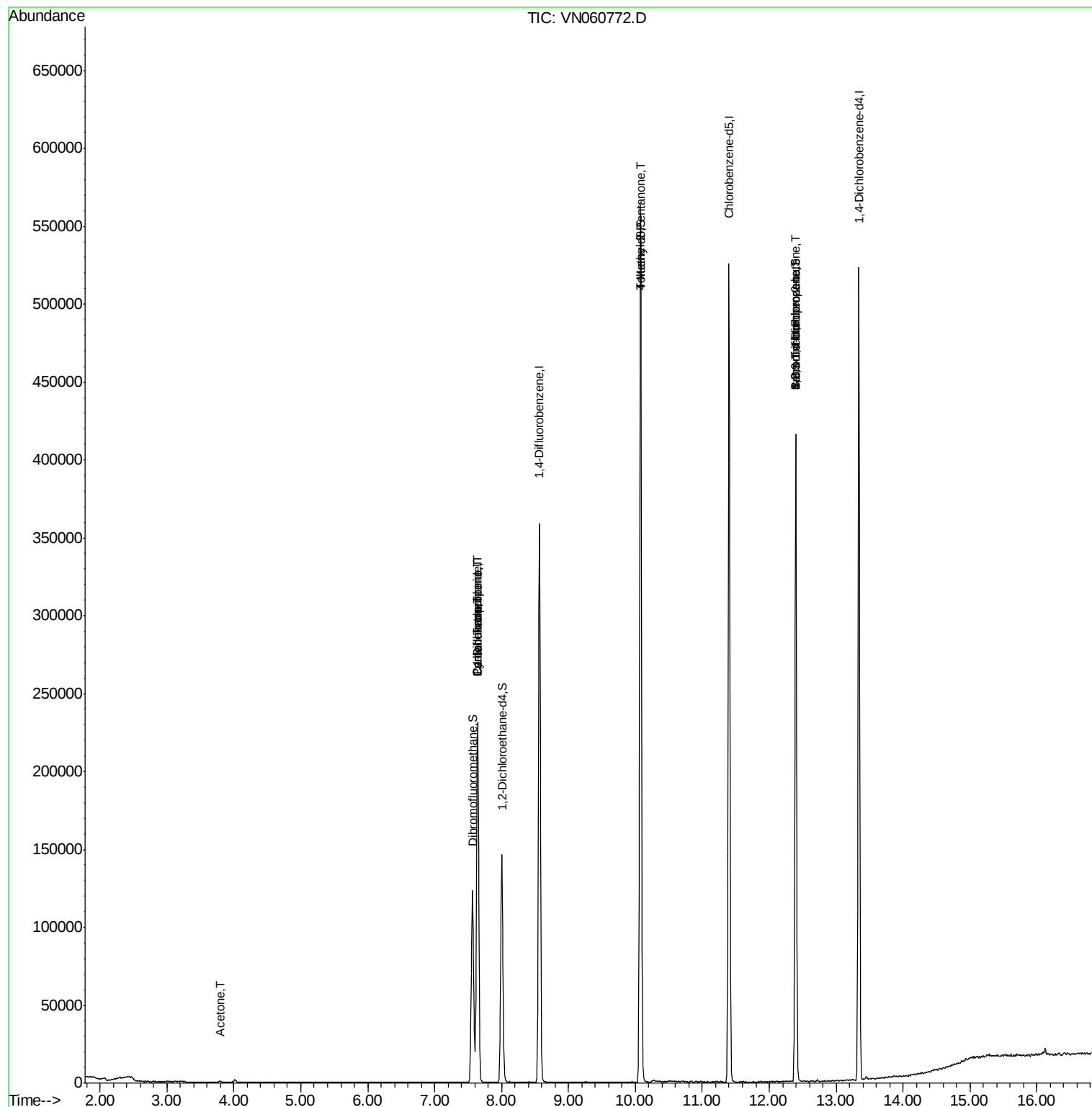
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	190891	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	319583	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	301300	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	138546	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	124665	47.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.14%	
35) Dibromofluoromethane	7.56	113	95015	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	
50) Toluene-d8	10.08	98	393487	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	
62) 4-Bromofluorobenzene	12.40	95	146713	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
Target Compounds						
					Qvalue	
16) Acetone	3.79	43	1345	1.449	ug/l #	43
31) Cyclohexane	7.64	56	4024	0.953	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	14732	4.761	ug/l #	49
38) Carbon Tetrachloride	7.64	117	18458	6.655	ug/l #	16
51) 4-Methyl-2-Pentanone	10.08	43	2033	0.648	ug/l #	1
71) Bromoform	12.40	173	486	1.942	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	73630	24.629	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	73630	63.255	ug/l #	13

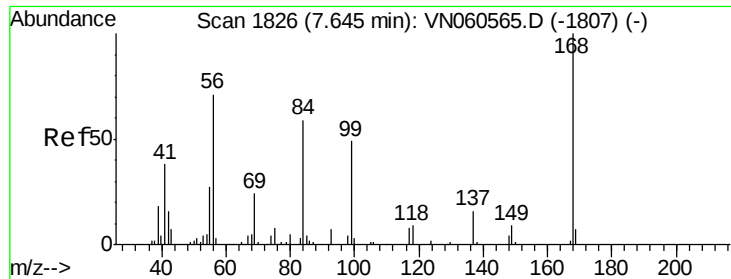
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN060772.D

Acq: 30 Mar 2020 15:49

Instrument :

MSVOA_N

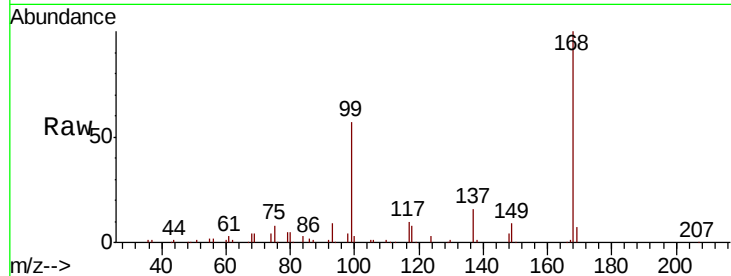
ClientSampleId :

Tot Ion:168 Resp: 190891

Ion Ratio Lower Upper

168 100

99 56.6 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VN060772.D (-1733) (-)

Ion 98.90 (98.60 to 99.60): VN060772.D (-1733) (-)

7.64

80000

60000

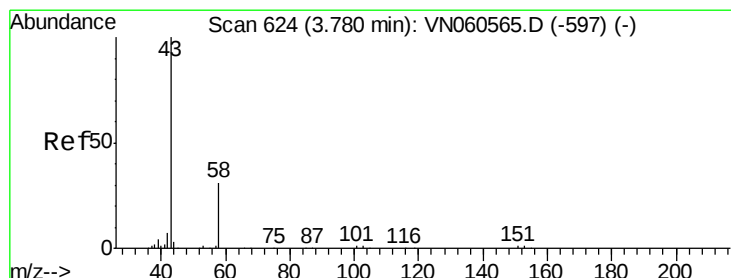
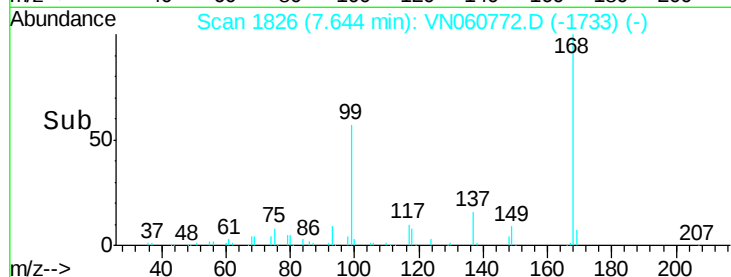
40000

20000

0

Time-->

7.55 7.60 7.65 7.70 7.75



#16

Acetone

Concen: 1.449 ug/l

RT: 3.79 min Scan# 628

Delta R.T. 0.01 min

Lab File: VN060772.D

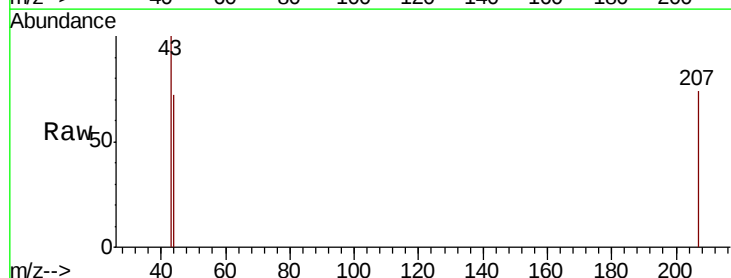
Acq: 30 Mar 2020 15:49

Tgt Ion: 43 Resp: 1345

Ion Ratio Lower Upper

43 100

58 0.0 25.1 37.7#



Abundance Ion 43.00 (42.70 to 43.70): VN060772.D (-531) (-)

Ion 58.00 (57.70 to 58.70): VN060772.D (-531) (-)

3.79

500

400

300

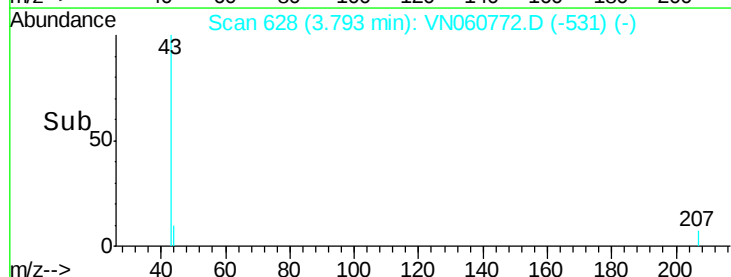
200

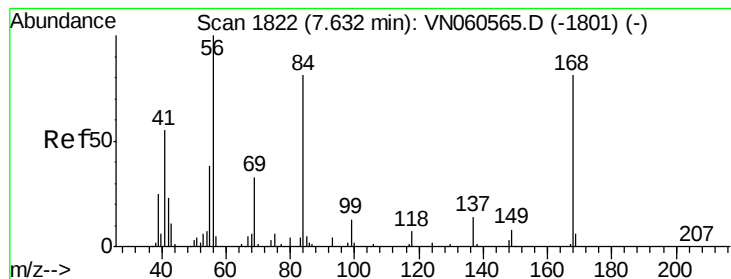
100

0

Time-->

3.75 3.80 3.85





#31

Cyclohexane

Concen: 0.953 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.01 min

Lab File: VN060772.D

Acq: 30 Mar 2020 15:49

Instrument :

MSVOA_N

ClientSampled :

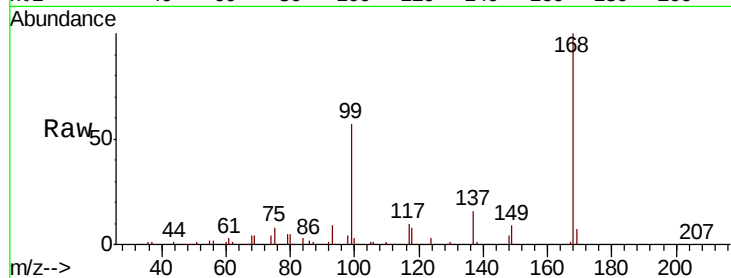
Tot Ion: 56 Resp: 4024

Ion Ratio Lower Upper

56 100

69 189.1 26.6 40.0#

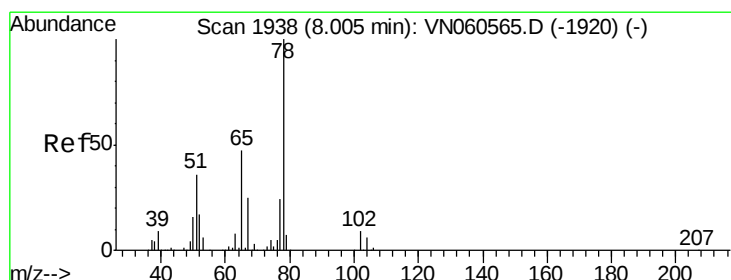
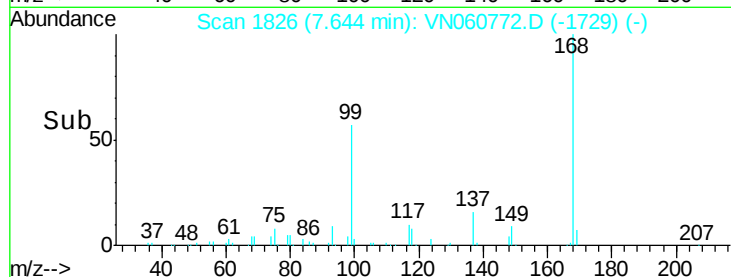
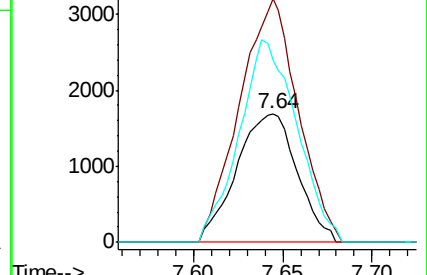
84 142.0 64.3 96.5#



Abundance Ion 56.00 (55.70 to 56.70): VN060772.D (-1801) (-)

Ion 69.00 (68.70 to 69.70): VN060772.D (-1801) (-)

Ion 84.00 (83.70 to 84.70): VN060772.D (-1801) (-)



#33

1,2-Dichloroethane-d4

Concen: 47.573 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN060772.D

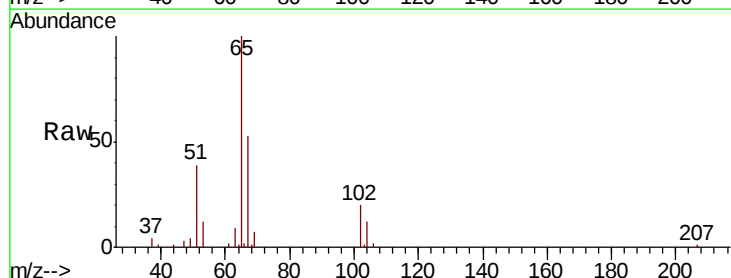
Acq: 30 Mar 2020 15:49

Tgt Ion: 65 Resp: 124665

Ion Ratio Lower Upper

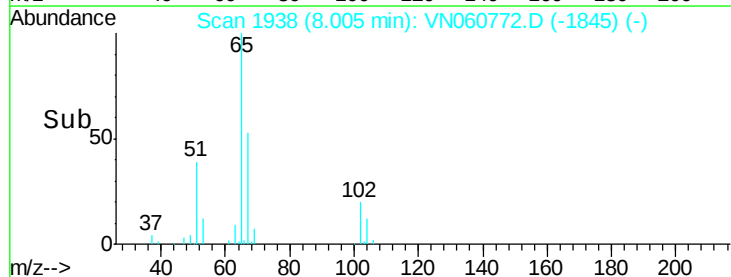
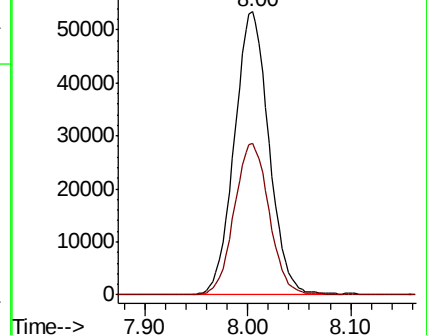
65 100

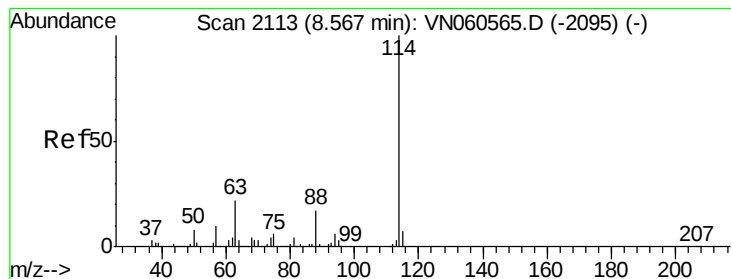
67 53.8 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN060772.D (-1845) (-)

Ion 66.90 (66.60 to 67.60): VN060772.D (-1845) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VN060772.D

Acq: 30 Mar 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

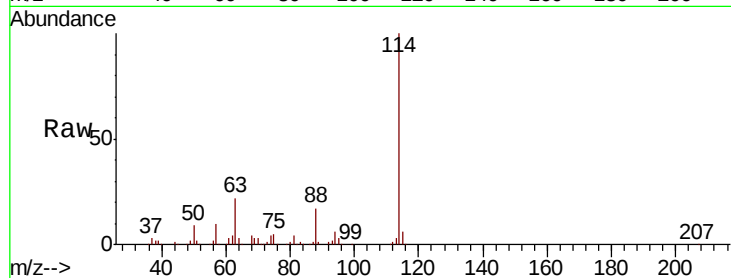
Tot Ion:114 Resp: 319583

Ion Ratio Lower Upper

114 100

63 21.5 0.0 43.8

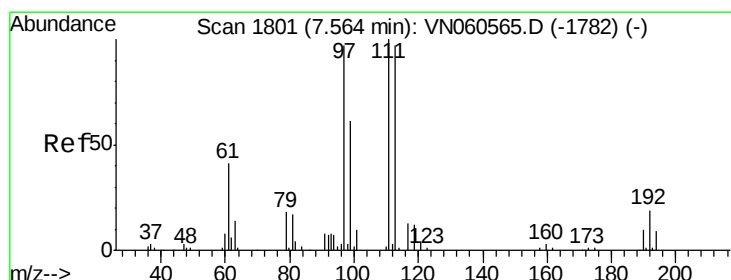
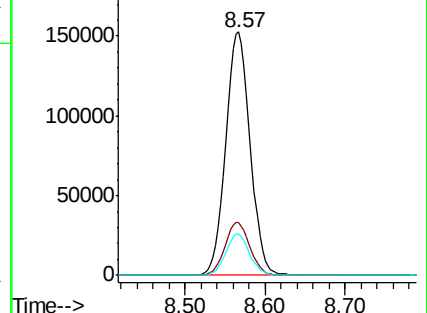
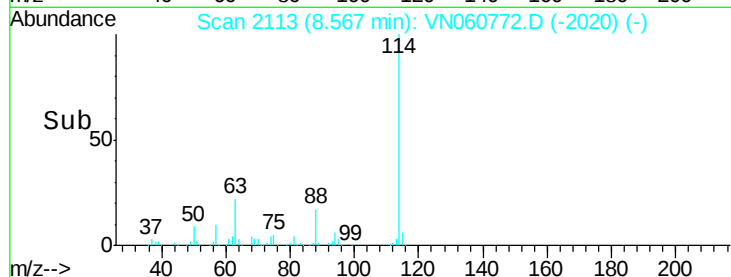
88 17.0 0.0 33.0



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: 49.169 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060772.D

Acq: 30 Mar 2020 15:49

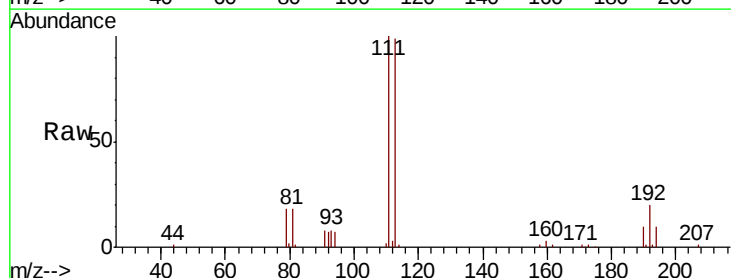
Tgt Ion:113 Resp: 95015

Ion Ratio Lower Upper

113 100

111 102.7 82.9 124.3

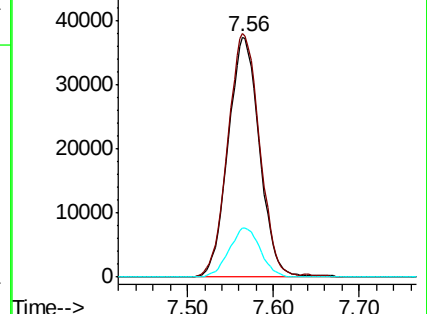
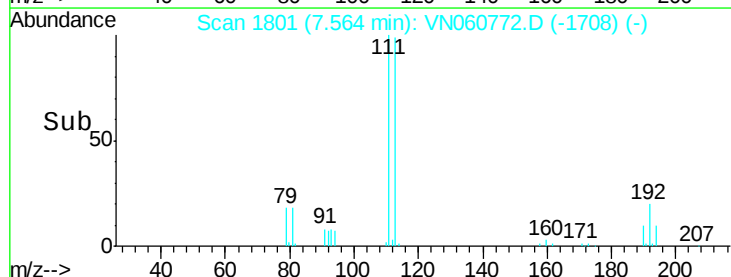
192 20.3 15.8 23.8

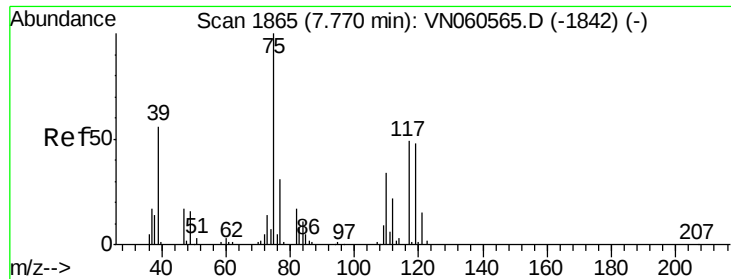


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

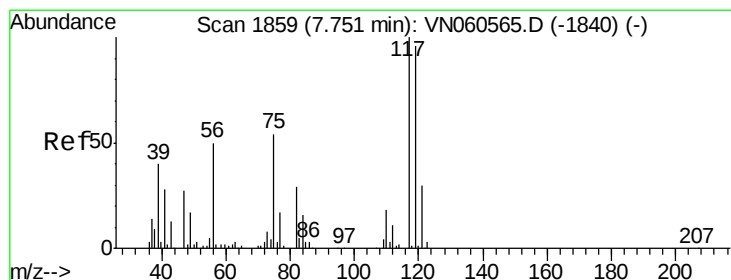
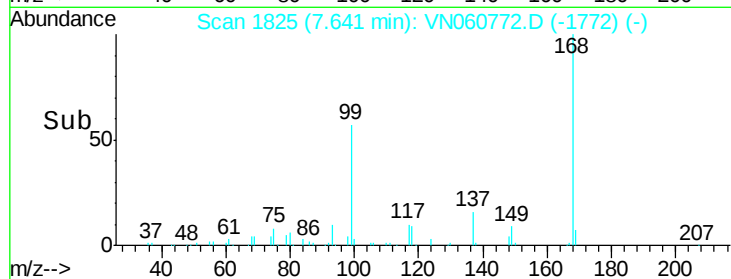
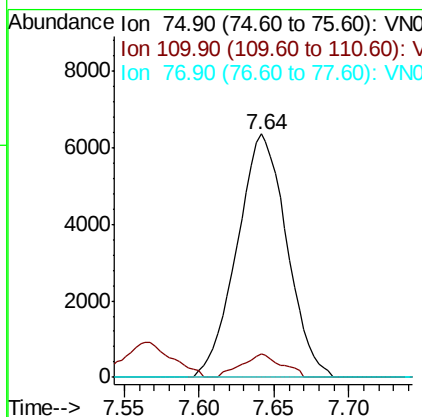
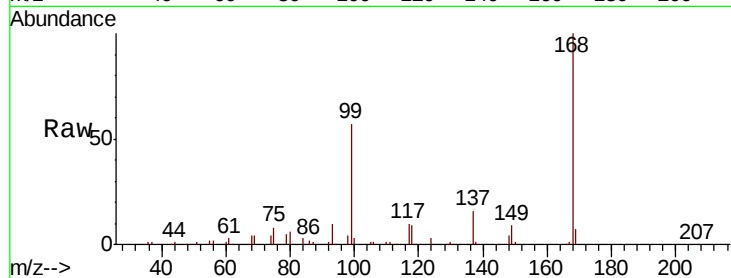




#36
 1,1-Dichloropropene
 Concen: 4.761 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.13 min
 Lab File: VN060772.D
 Acq: 30 Mar 2020 15:49

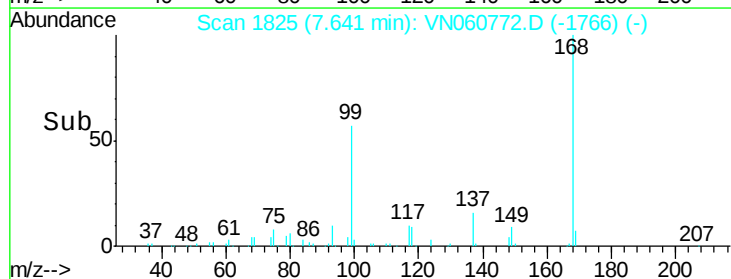
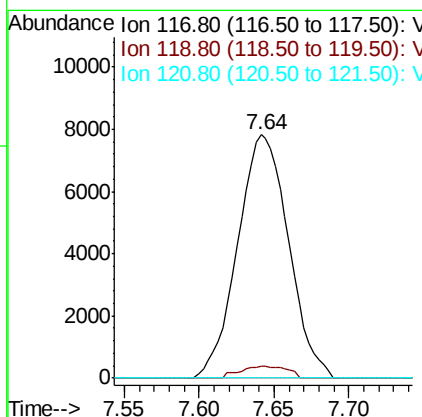
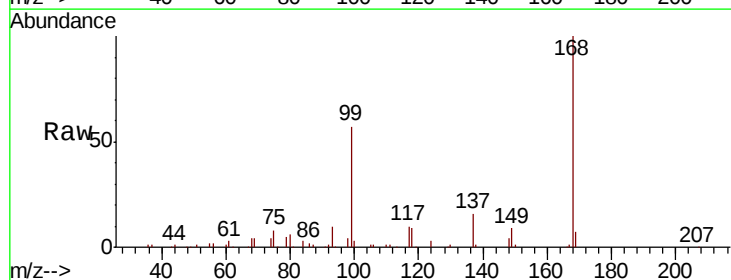
Instrument :
 MSVOA_N
 ClientSampled :

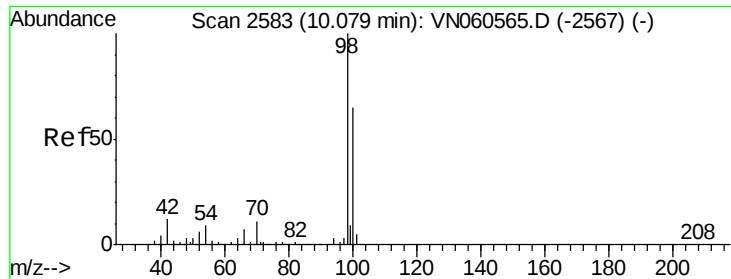
Tot Ion	75	Resp	14732
Ion Ratio	Lower	Upper	
75	100		
110	7.6	16.9	50.6#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 6.655 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.11 min
 Lab File: VN060772.D
 Acq: 30 Mar 2020 15:49

Tgt Ion	117	Resp	18458
Ion Ratio <td>Lower</td> <td>Upper</td> <td></td>	Lower	Upper	
117	100		
119	4.7	76.2	114.2#
121	0.0	23.7	35.5#

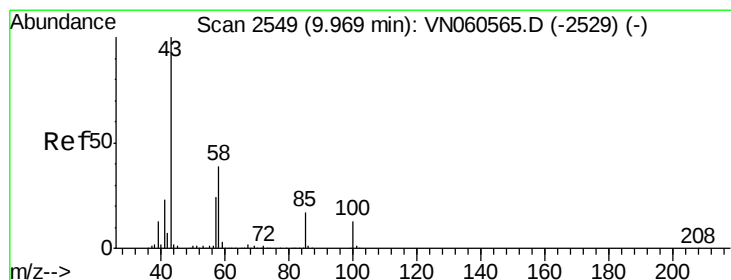
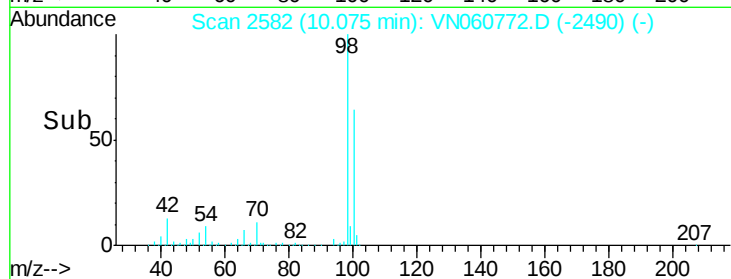
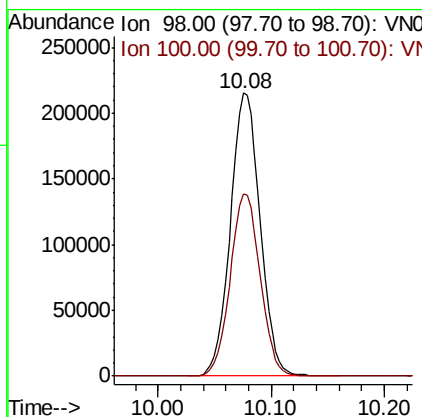
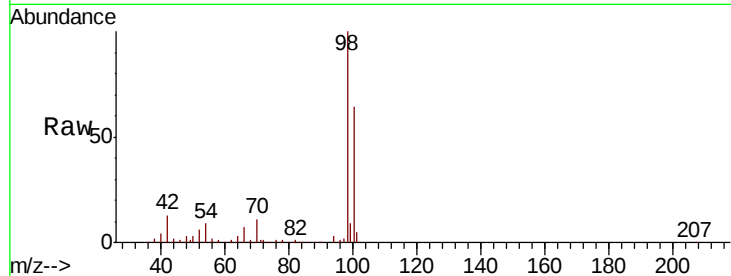




#50
Toluene-d8
Concen: 49.852 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060772.D
Acq: 30 Mar 2020 15:49

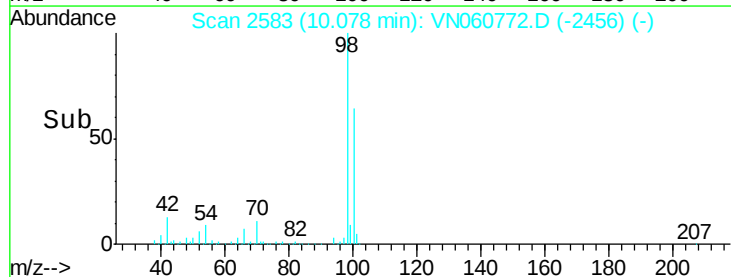
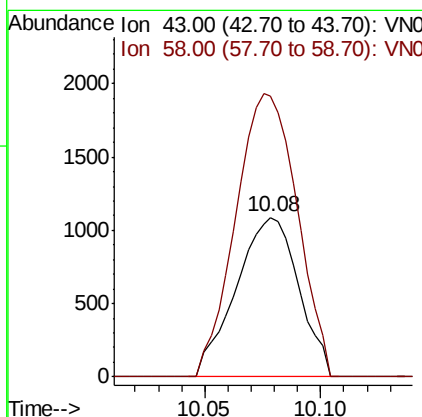
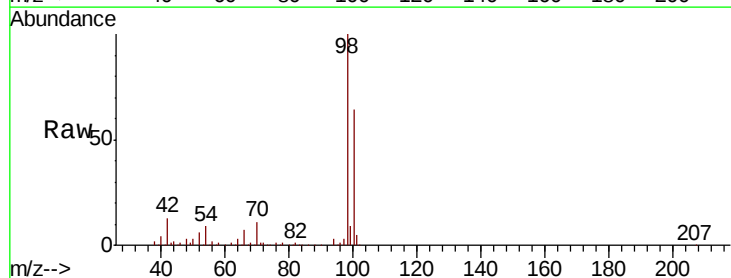
Instrument :
MSVOA_N
ClientSampleId :

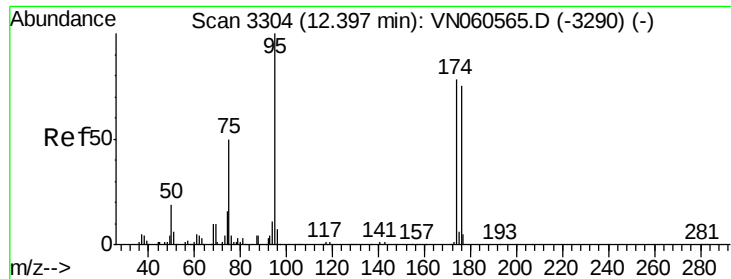
Tot Ion: 98 Resp: 393487
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.8



#51
4-Methyl-2-Pentanone
Concen: 0.648 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.11 min
Lab File: VN060772.D
Acq: 30 Mar 2020 15:49

Tgt Ion: 43 Resp: 2033
Ion Ratio Lower Upper
43 100
58 175.0 30.8 46.2#

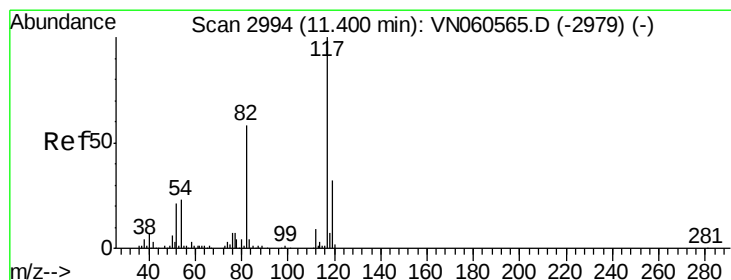
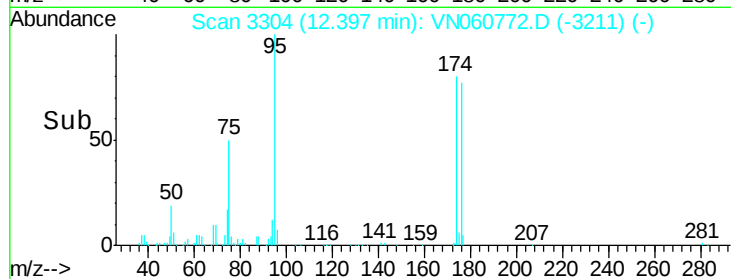
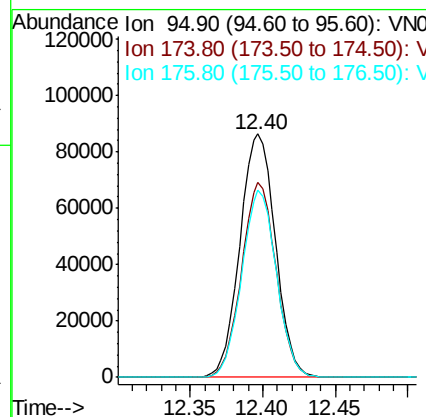
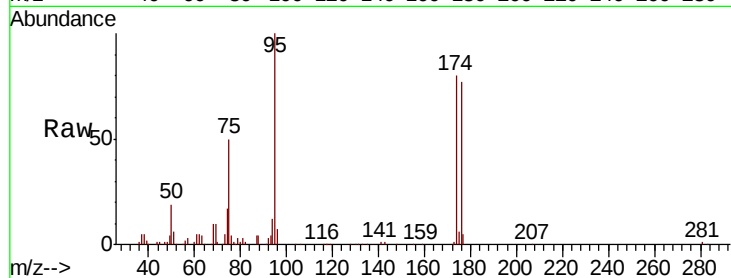




#62
4-Bromofluorobenzene
Concen: 50.718 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN060772.D
Acq: 30 Mar 2020 15:49

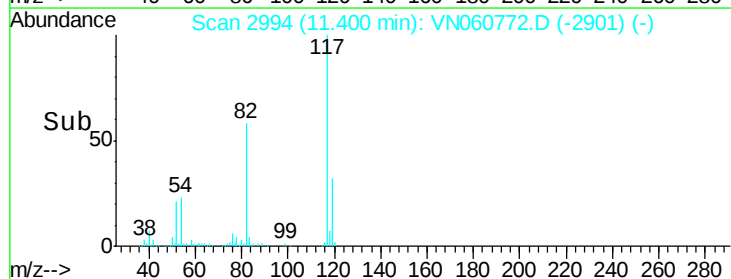
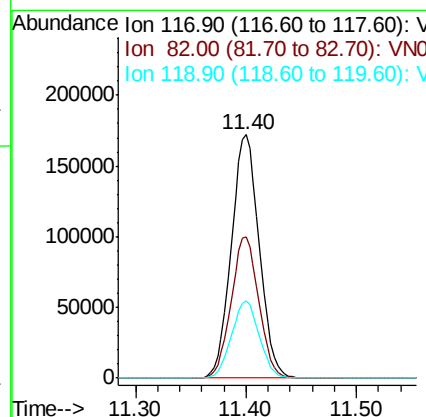
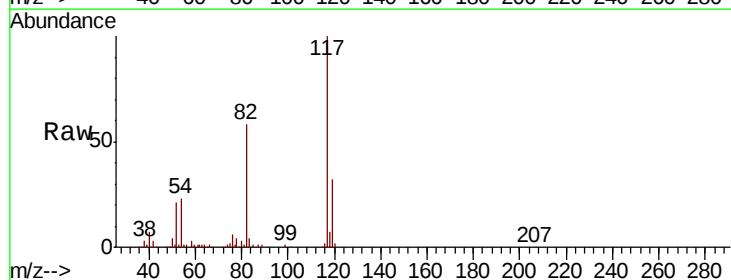
Instrument :
MSVOA_N
ClientSampleId :

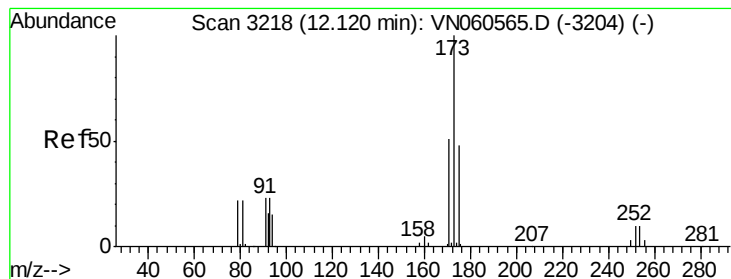
Tot Ion: 95 Resp: 146713
Ion Ratio Lower Upper
95 100
174 77.9 0.0 157.6
176 75.4 0.0 150.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060772.D
Acq: 30 Mar 2020 15:49

Tgt Ion: 117 Resp: 301300
Ion Ratio Lower Upper
117 100
82 57.7 46.7 70.1
119 31.8 25.5 38.3





#71

Bromoform

Concen: 1.942 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.28 min

Lab File: VN060772.D

Acq: 30 Mar 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

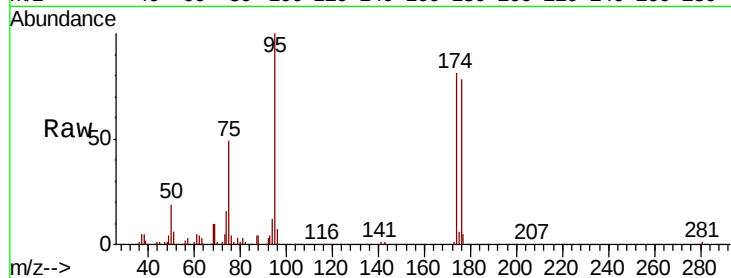
Tot Ion:173 Resp: 486

Ion Ratio Lower Upper

173 100

175 1437.7 24.1 72.4#

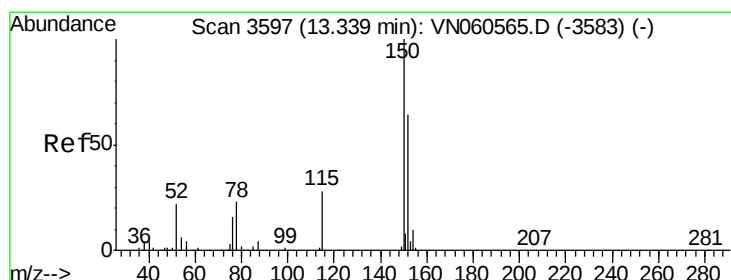
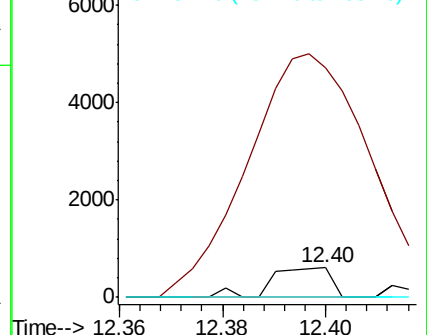
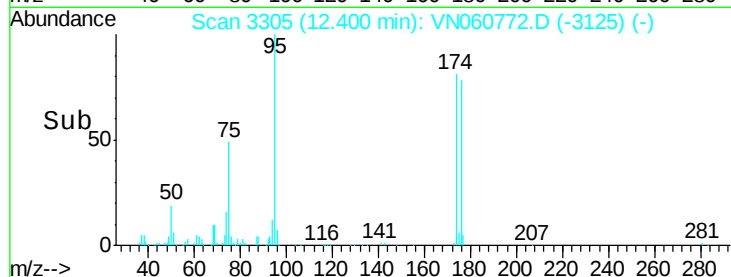
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060772.D

Acq: 30 Mar 2020 15:49

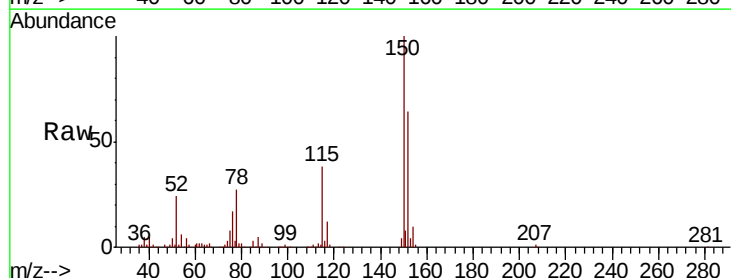
Tgt Ion:152 Resp: 138546

Ion Ratio Lower Upper

152 100

115 59.0 30.2 90.6

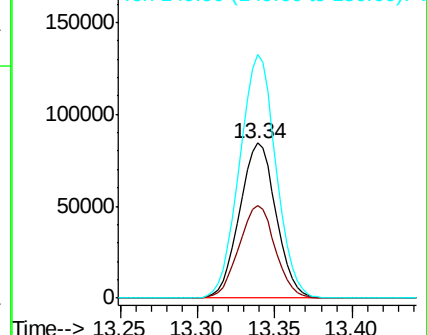
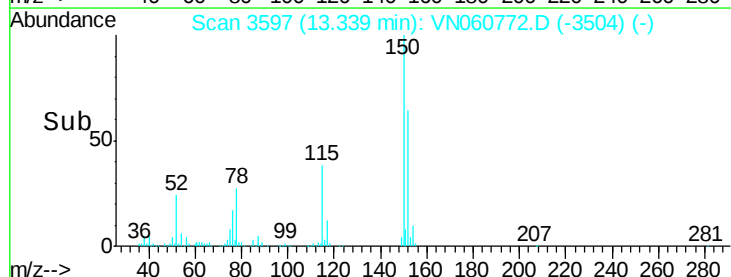
150 156.6 0.0 350.2

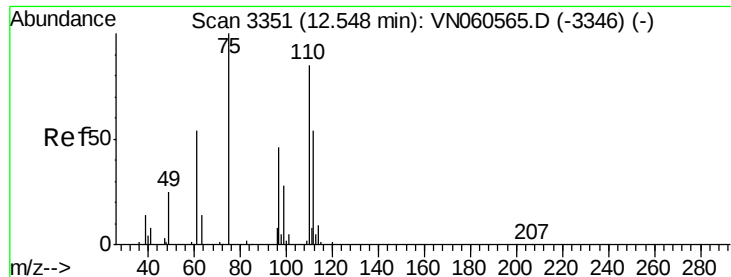


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 24.629 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN060772.D

Acq: 30 Mar 2020 15:49

Instrument :

MSVOA_N

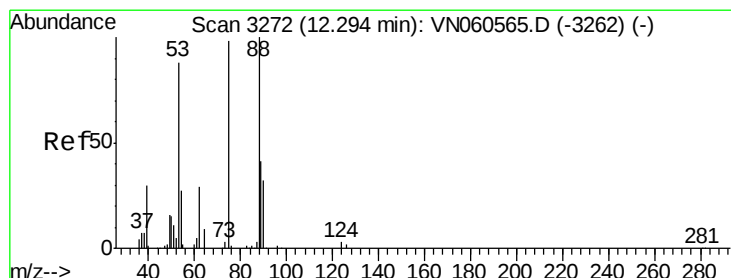
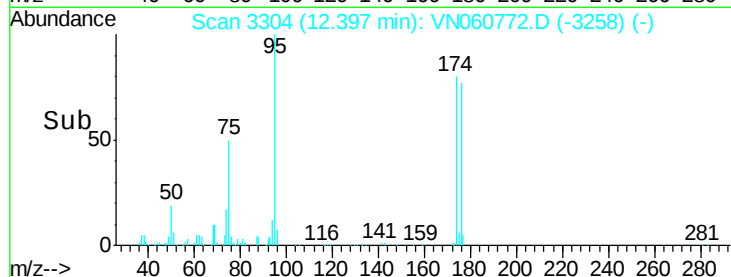
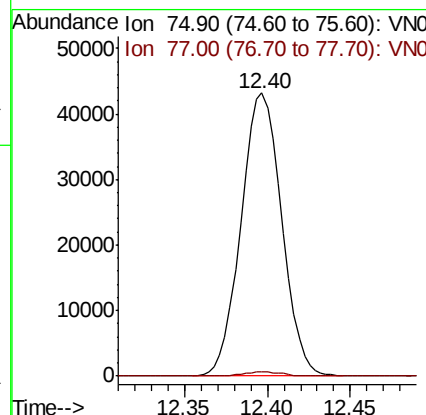
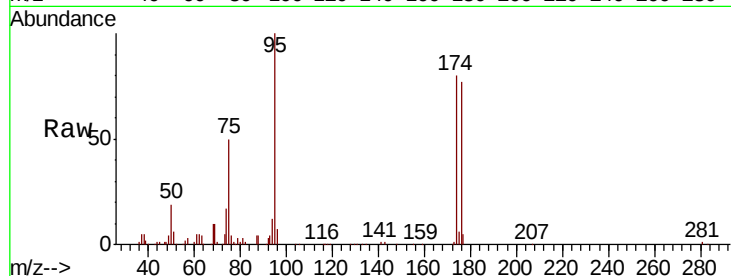
ClientSampleId :

Tot Ion: 75 Resp: 73630

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 63.255 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN060772.D

Acq: 30 Mar 2020 15:49

Tgt Ion: 75 Resp: 73630

Ion Ratio Lower Upper

75 100

53 0.0 73.0 109.4#

89 0.0 34.8 52.2#

