

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041520\
 Data File : VN060995.D
 Acq On : 16 Apr 2020 4:20
 Operator : JC/MD
 Sample : L2249-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 16 06:45:28 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

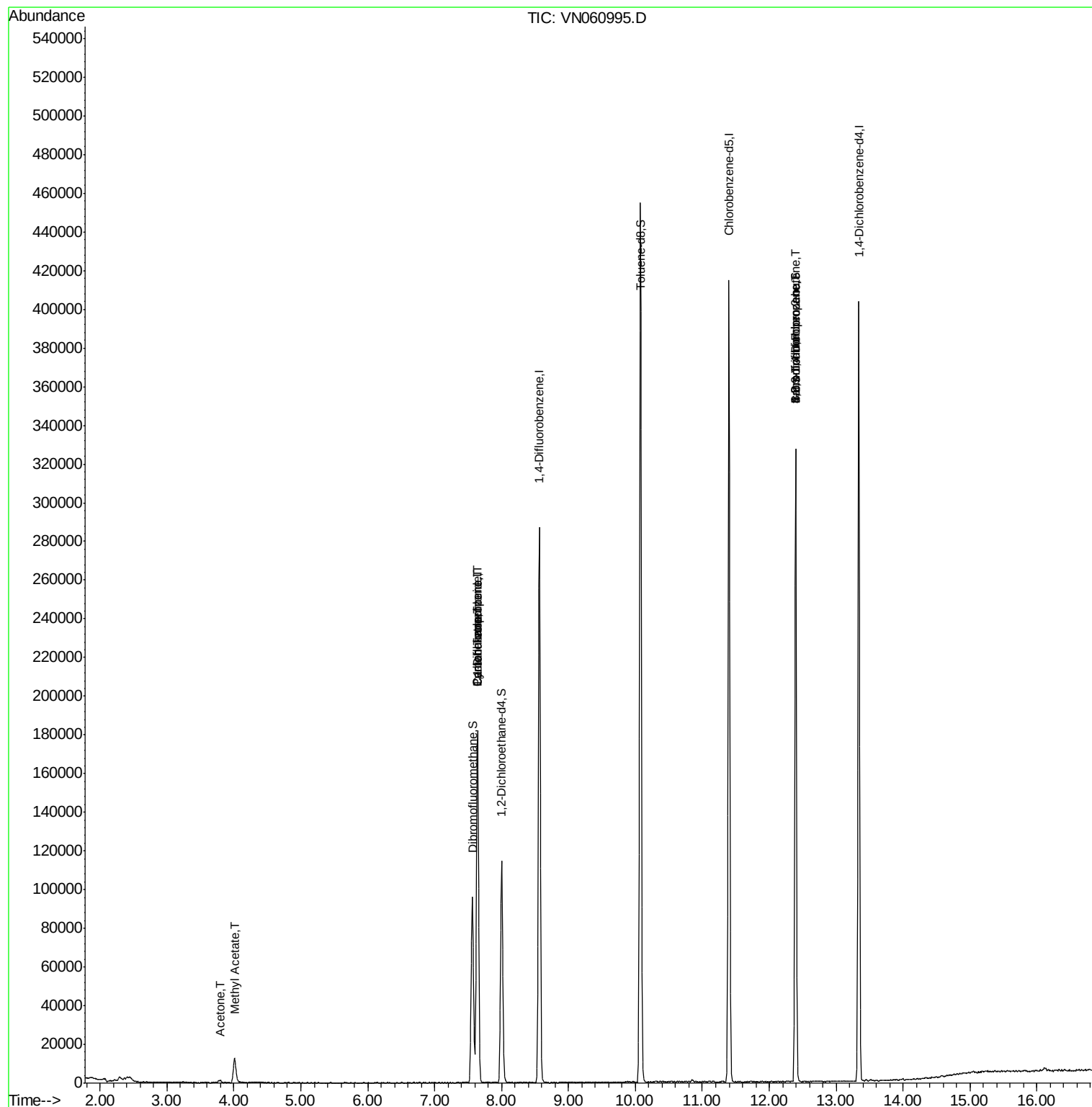
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	148158	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	251620	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	235903	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	105111	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	98324	48.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.68%	
35) Dibromofluoromethane	7.56	113	74833	49.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.36%	
50) Toluene-d8	10.08	98	312977	50.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.72%	
62) 4-Bromofluorobenzene	12.39	95	115598	50.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.52%	
Target Compounds						
					Qvalue	
16) Acetone	3.79	43	2652	3.681	ug/l	92
18) Methyl Acetate	4.01	43	4217	2.080	ug/l #	54
31) Cyclohexane	7.64	56	3239	0.989	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	12008	4.928	ug/l #	49
38) Carbon Tetrachloride	7.64	117	14157	6.483	ug/l #	16
71) Bromoform	12.39	173	462	1.998	ug/l #	1
76) 1,2,3-Trichloropropane	12.39	75	58646	25.857	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.39	75	58646	66.409	ug/l #	13

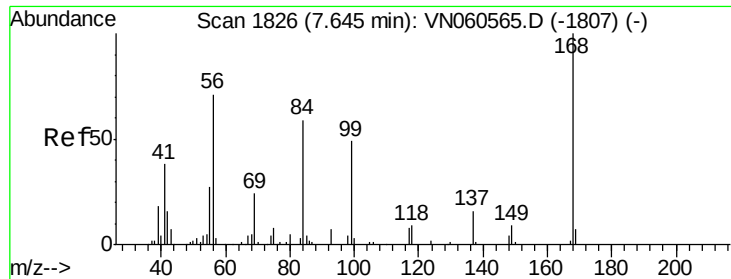
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN041520\
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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# 1825

Delta R.T. -0.00 min

Lab File: VN060995.D

Acq: 16 Apr 2020 4:20

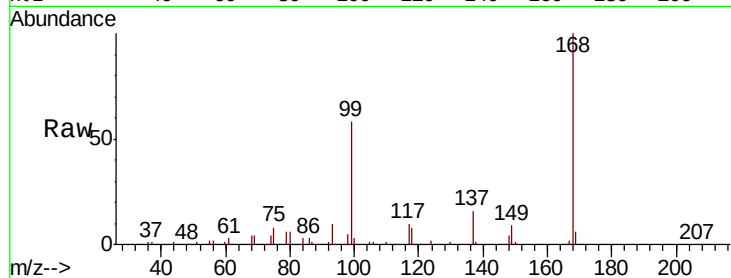
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 148158

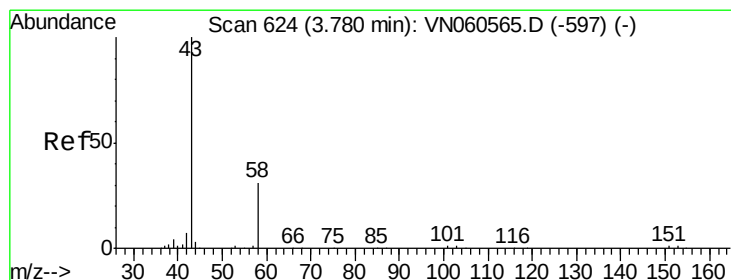
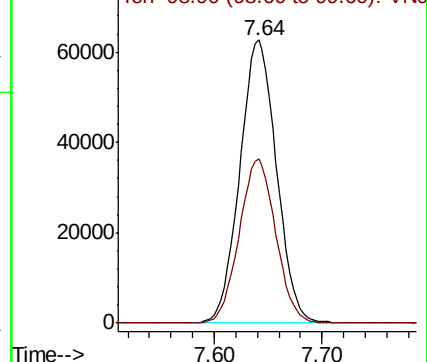
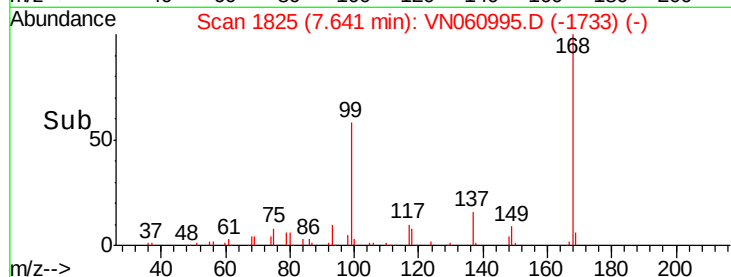
Ion Ratio Lower Upper

168 100

99 57.8 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VN060995.D (-1733) (-)



#16

Acetone

Concen: 3.681 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN060995.D

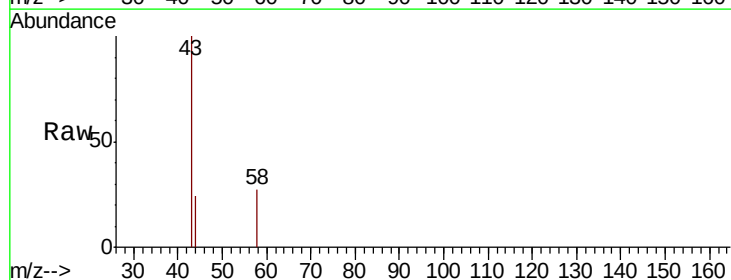
Acq: 16 Apr 2020 4:20

Tgt Ion: 43 Resp: 2652

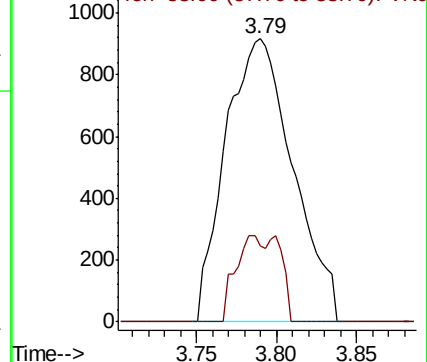
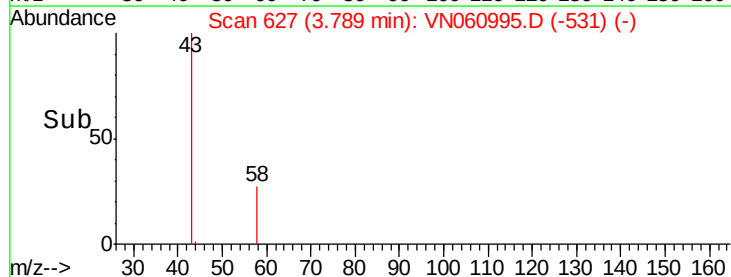
Ion Ratio Lower Upper

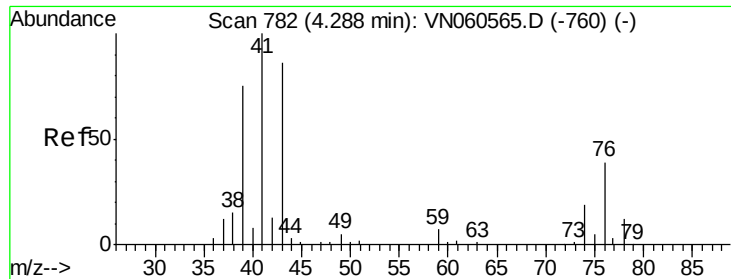
43 100

58 26.8 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN060995.D (-531) (-)

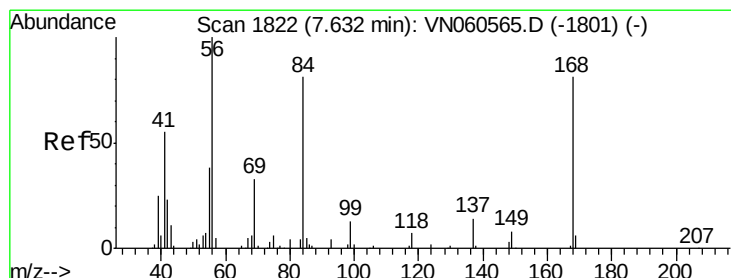
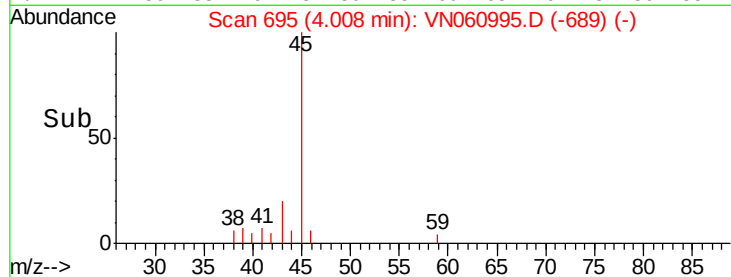
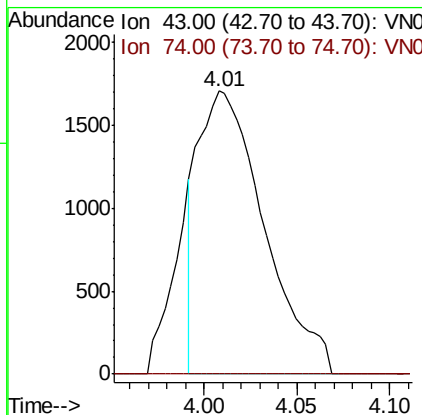
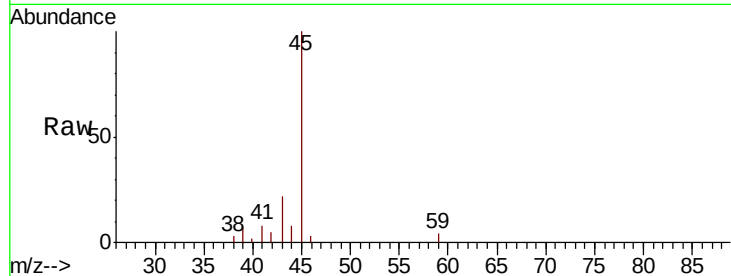




#18
Methvl Acetate
Concen: 2.080 ug/l
RT: 4.01 min Scan# 695
Delta R.T. -0.28 min
Lab File: VN060995.D
Acq: 16 Apr 2020 4:20

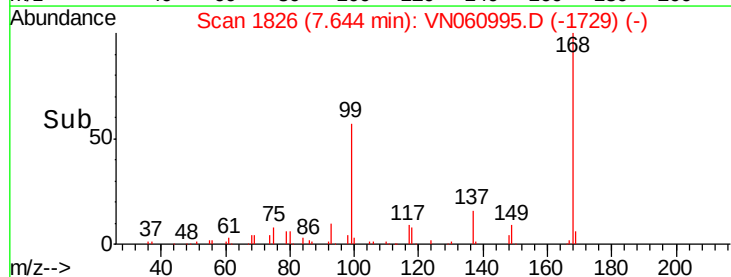
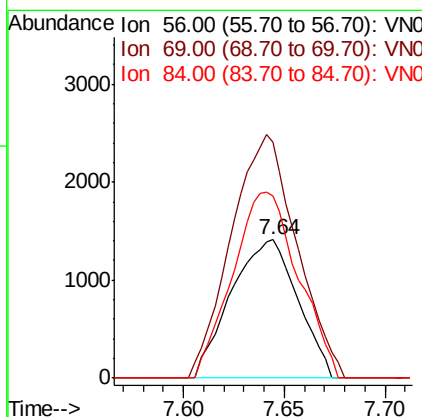
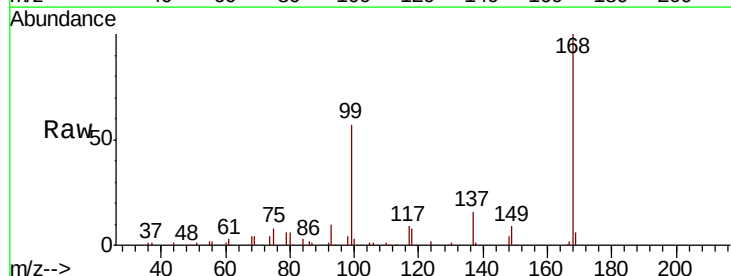
Instrument :
MSVOA_N
ClientSampleId :

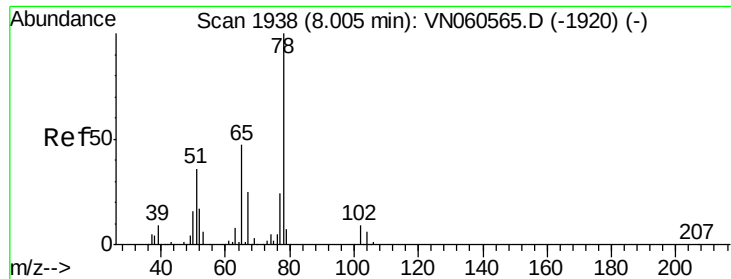
Tot Ion: 43 Resp: 4217
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#



#31
Cyclohexane
Concen: 0.989 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VN060995.D
Acq: 16 Apr 2020 4:20

Tgt Ion: 56 Resp: 3239
Ion Ratio Lower Upper
56 100
69 170.8 26.6 40.0#
84 131.7 64.3 96.5#

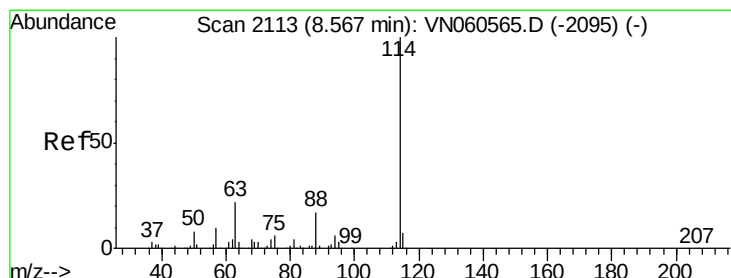
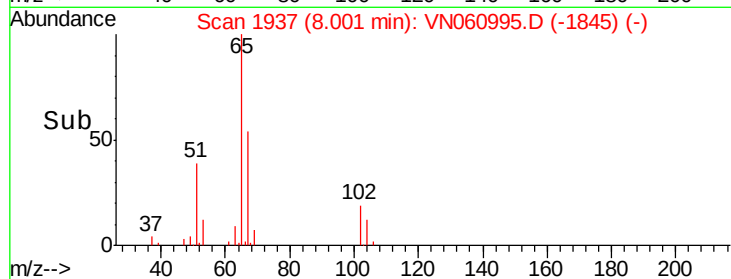
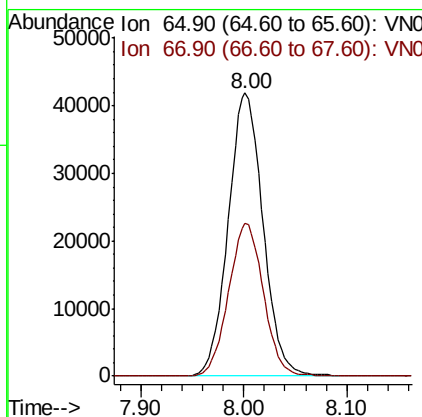
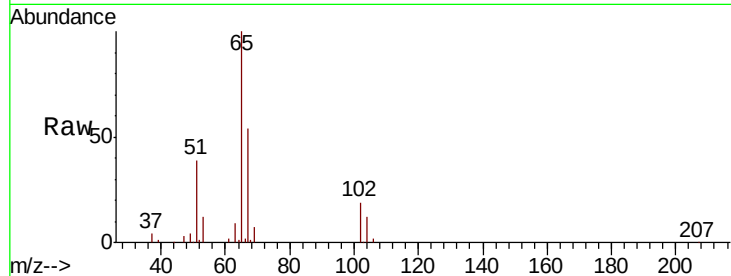




#33
 1,2-Dichloroethane-d4
 Concen: 48.343 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060995.D
 Acq: 16 Apr 2020 4:20

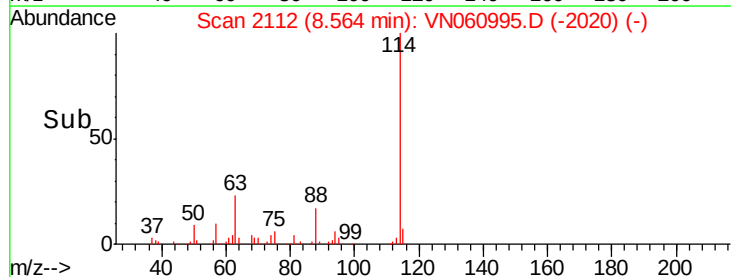
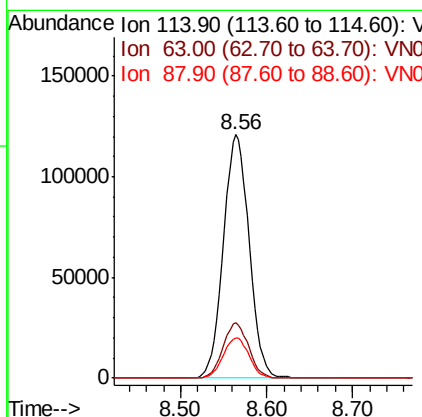
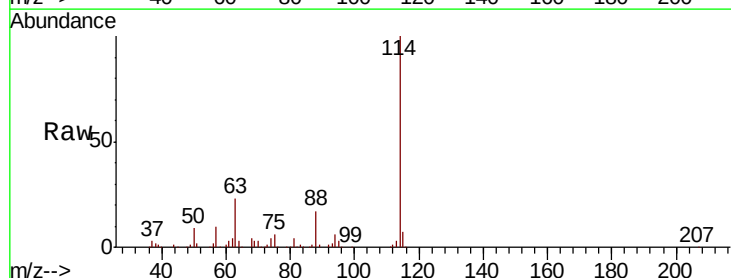
Instrument :
 MSVOA_N
 ClientSampled :

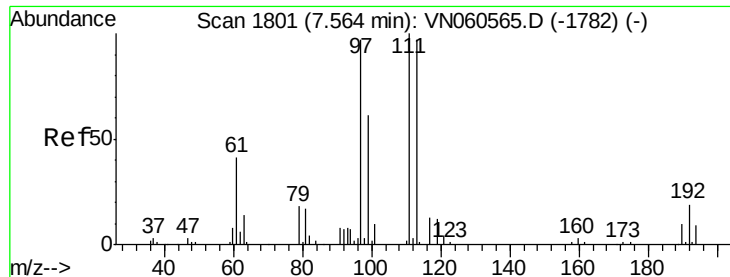
Tot Ion: 65 Resp: 98324
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060995.D
 Acq: 16 Apr 2020 4:20

Tgt Ion: 114 Resp: 251620
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 43.8
 88 16.6 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.185 ug/l

RT: 7.56 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN060995.D

Acq: 16 Apr 2020 4:20

Instrument :

MSVOA_N

ClientSampleId :

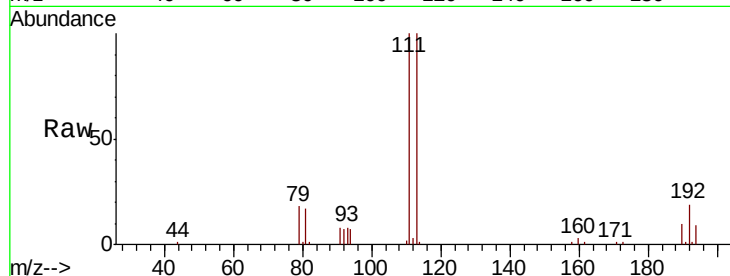
Tot Ion:113 Resp: 74833

Ion Ratio Lower Upper

113 100

111 103.0 82.9 124.3

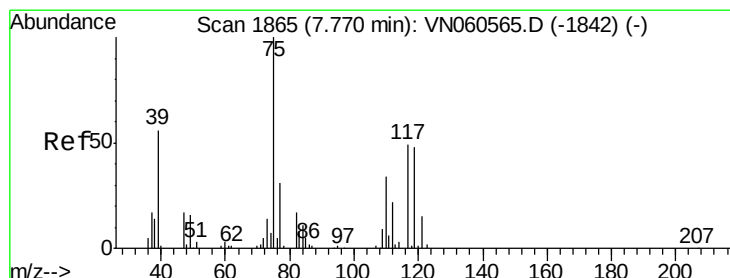
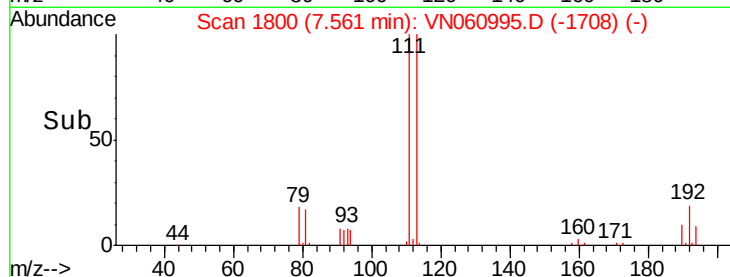
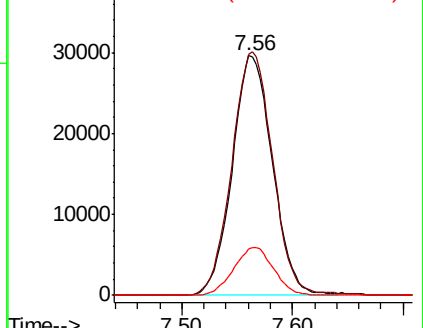
192 19.7 15.8 23.8



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: 4.928 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.13 min

Lab File: VN060995.D

Acq: 16 Apr 2020 4:20

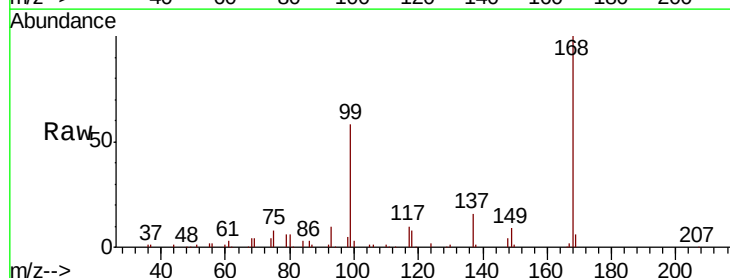
Tgt Ion: 75 Resp: 12008

Ion Ratio Lower Upper

75 100

110 7.7 16.9 50.6#

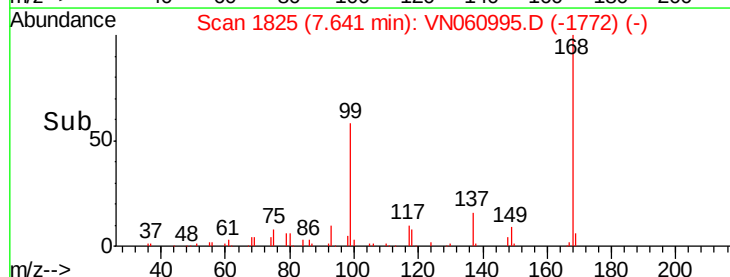
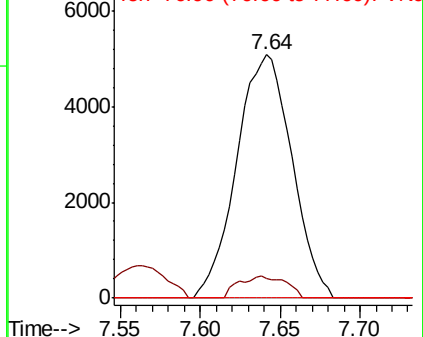
77 0.0 24.6 36.8#

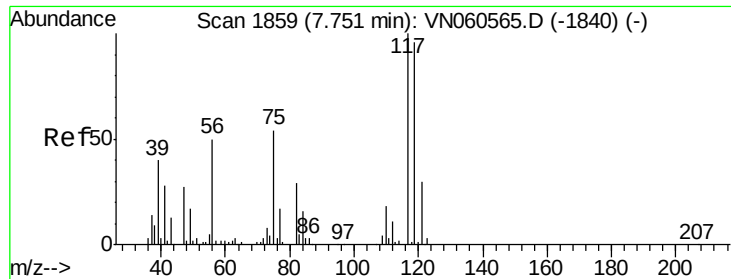


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 6.483 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.11 min

Lab File: VN060995.D

Acq: 16 Apr 2020 4:20

Instrument :

MSVOA_N

ClientSampled :

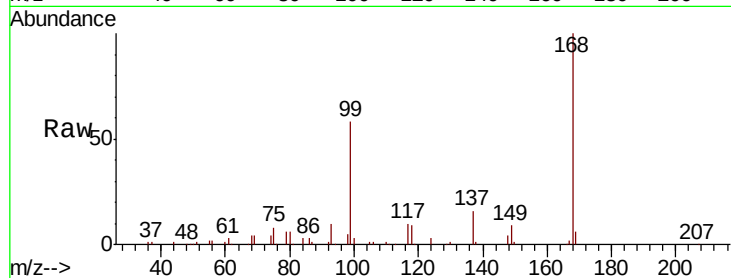
Tot Ion:117 Resp: 14157

Ion Ratio Lower Upper

117 100

119 4.3 76.2 114.2#

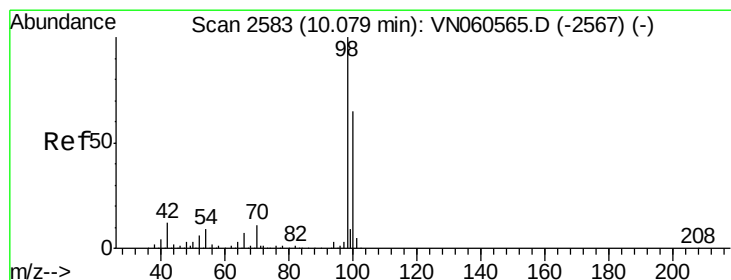
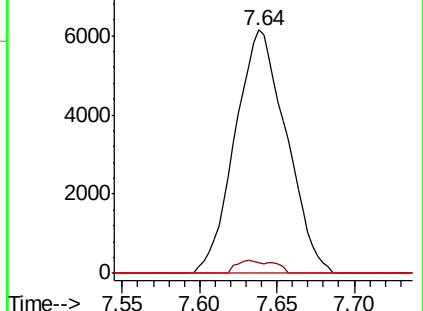
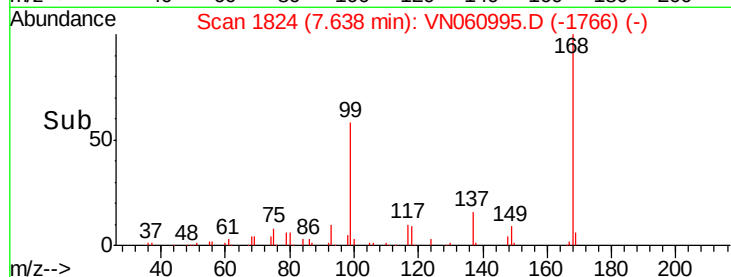
121 0.0 23.7 35.5#



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: 50.362 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060995.D

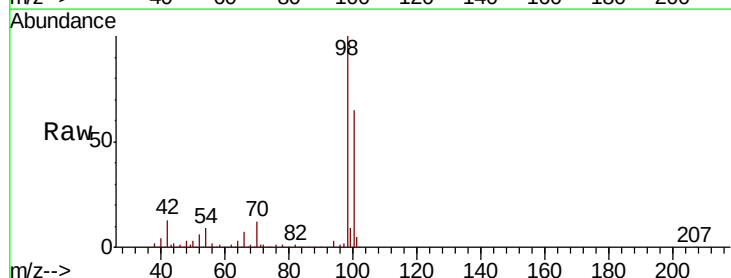
Acq: 16 Apr 2020 4:20

Tgt Ion: 98 Resp: 312977

Ion Ratio Lower Upper

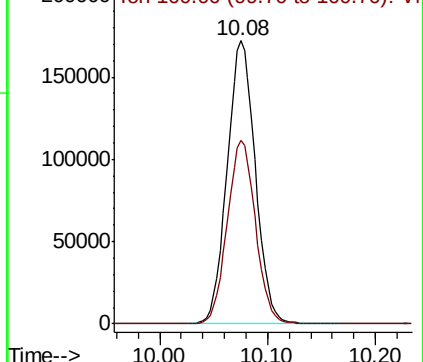
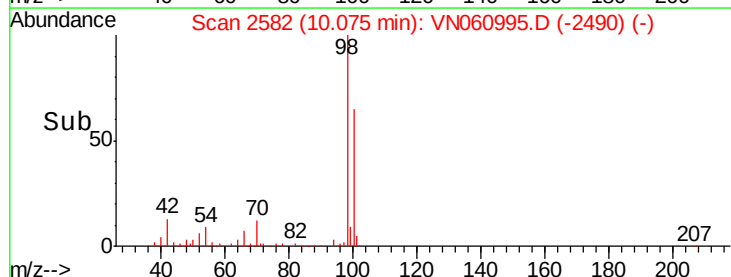
98 100

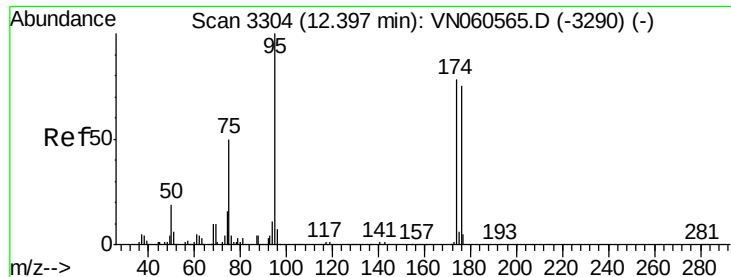
100 64.8 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

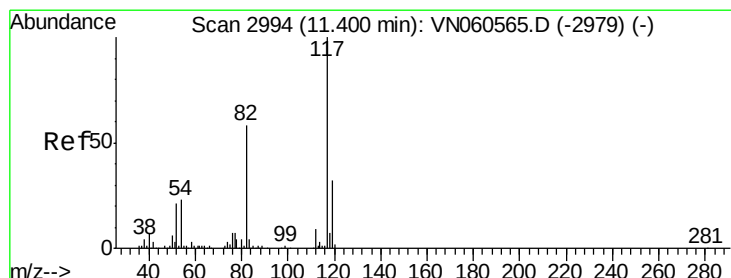
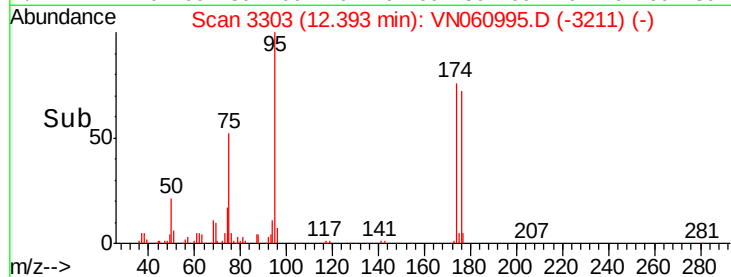
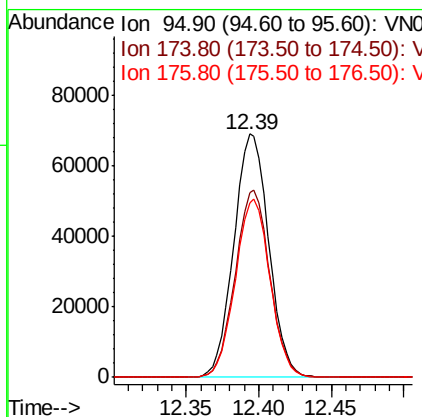
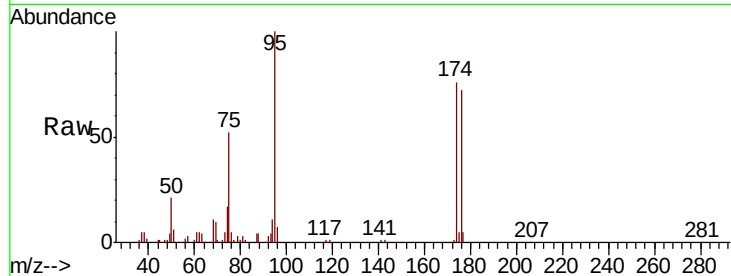




#62
4-Bromofluorobenzene
Concen: 50.755 ug/l
RT: 12.39 min Scan# 3303
Delta R.T. -0.00 min
Lab File: VN060995.D
Acq: 16 Apr 2020 4:20

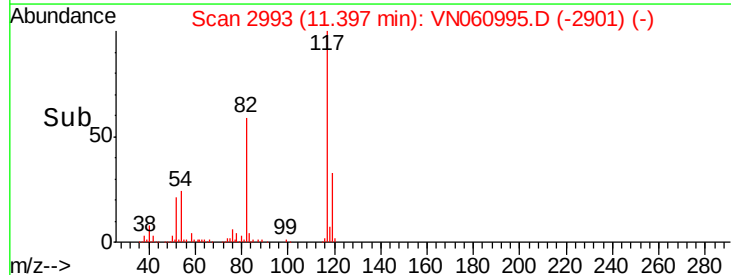
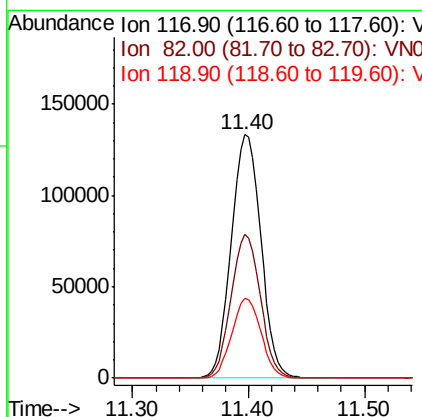
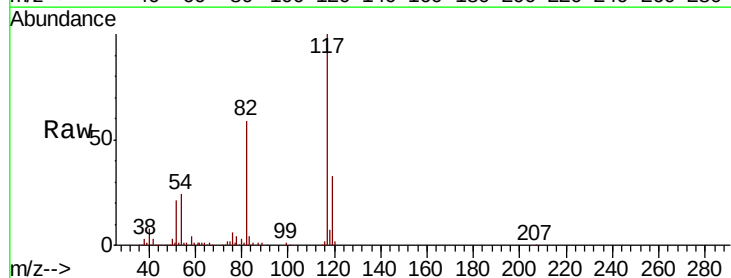
Instrument :
MSVOA_N
ClientSampleId :

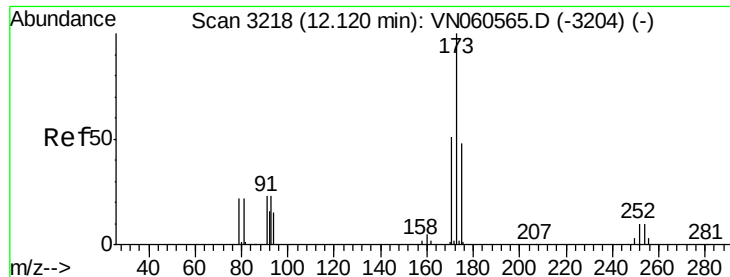
Tot Ion	Ratio	Lower	Upper
95	100		
174	76.2	0.0	157.6
176	72.8	0.0	150.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. -0.00 min
Lab File: VN060995.D
Acq: 16 Apr 2020 4:20

Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.9	46.7	70.1
119	32.7	25.5	38.3





#71

Bromoform

Concen: 1.998 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.27 min

Lab File: VN060995.D

Acq: 16 Apr 2020 4:20

Instrument :

MSVOA_N

ClientSampled :

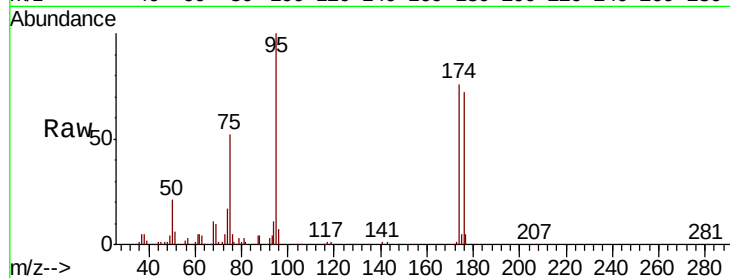
Tot Ion:173 Resp: 462

Ion Ratio Lower Upper

173 100

175 1187.0 24.1 72.4#

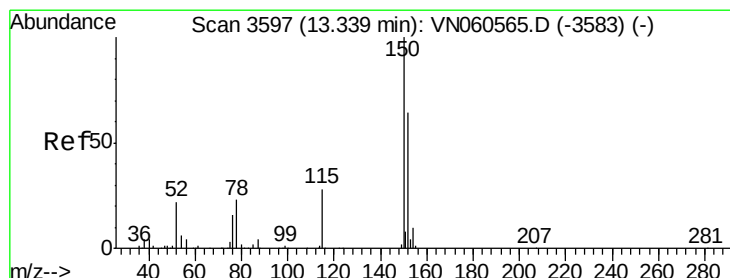
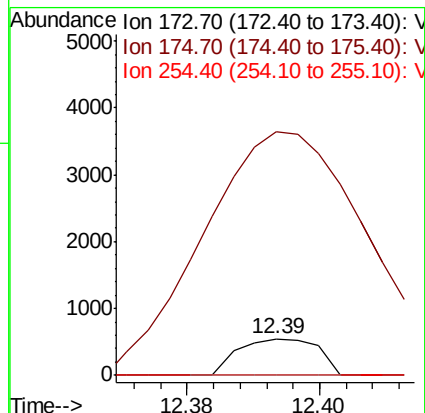
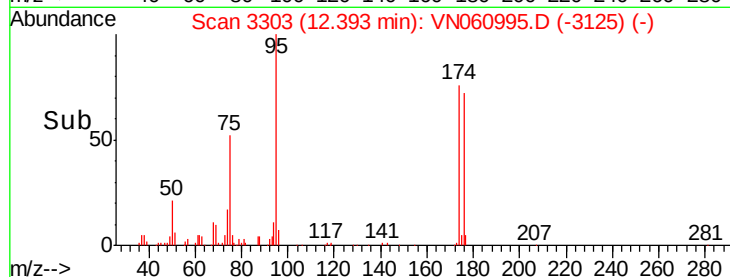
254 0.0 0.0 0.0



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: VN060995.D

Acq: 16 Apr 2020 4:20

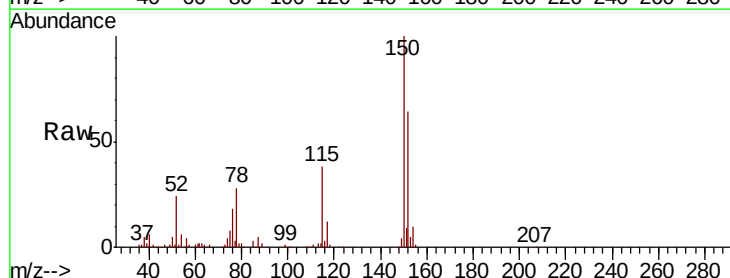
Tgt Ion:152 Resp: 105111

Ion Ratio Lower Upper

152 100

115 60.4 30.2 90.6

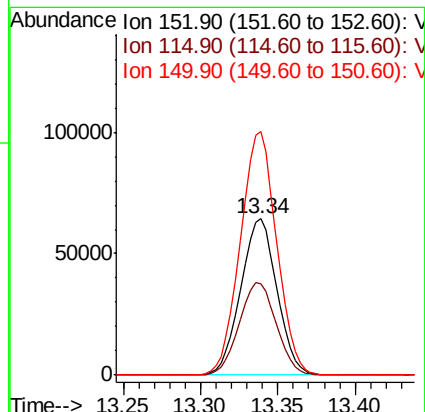
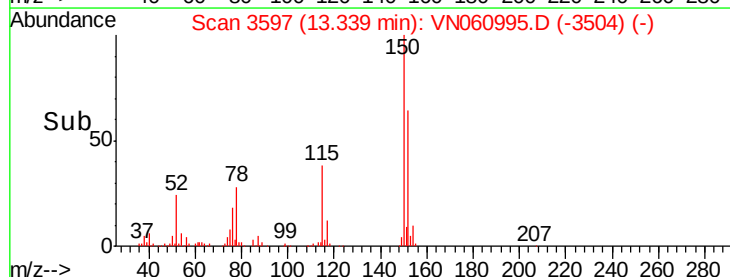
150 156.1 0.0 350.2

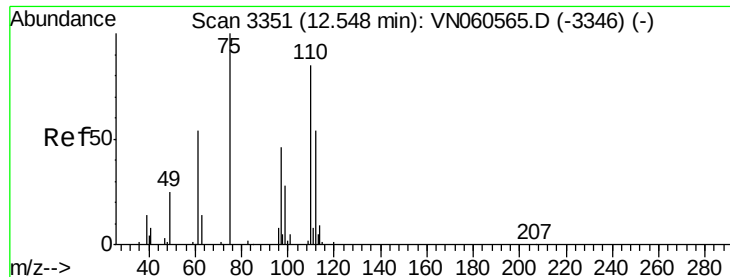


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 25.857 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. -0.15 min

Lab File: VN060995.D

Acq: 16 Apr 2020 4:20

Instrument :

MSVOA_N

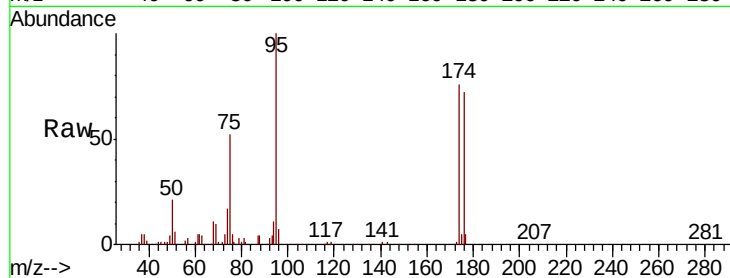
ClientSampleId :

Tot Ion: 75 Resp: 58646

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.39

40000

30000

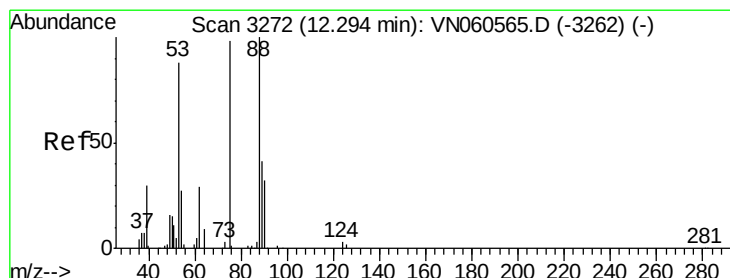
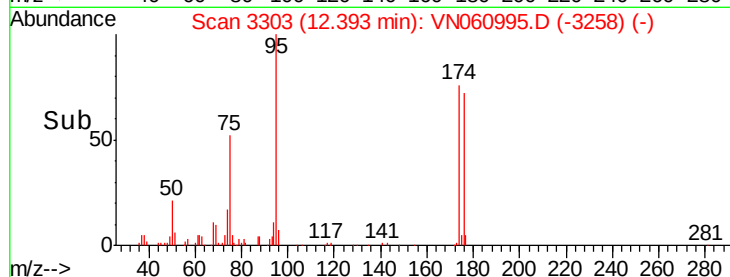
20000

10000

0

Time-->

12.35 12.40 12.45



#81

trans-1,4-Dichloro-2-butene

Concen: 66.409 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.10 min

Lab File: VN060995.D

Acq: 16 Apr 2020 4:20

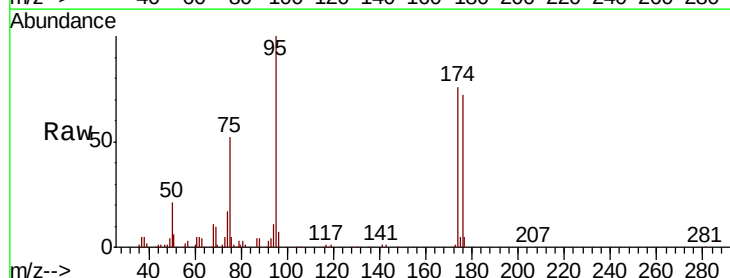
Tgt Ion: 75 Resp: 58646

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): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

50000

40000

30000

20000

10000

0

Time-->

12.35 12.40 12.45

