

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122218\
 Data File : VN053162.D
 Acq On : 23 Dec 2018 5:13
 Operator : MD\SY
 Sample : J6446-15ME 10X
 Misc : 3.67g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 42 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SS022-0612-01MSD

Quant Time: Dec 23 23:14:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1216798	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1863402	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1725307	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	735230	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	595084	48.19	ug/l	0.00
Spiked Amount			Recovery	=	96.38%	
35) Dibromofluoromethane	7.59	113	503476	59.15	ug/l	0.00
Spiked Amount			Recovery	=	118.30%	
50) Toluene-d8	10.09	98	2308891	50.53	ug/l	0.00
Spiked Amount			Recovery	=	101.06%	
62) 4-Bromofluorobenzene	12.40	95	808616	50.41	ug/l	0.00
Spiked Amount			Recovery	=	100.82%	

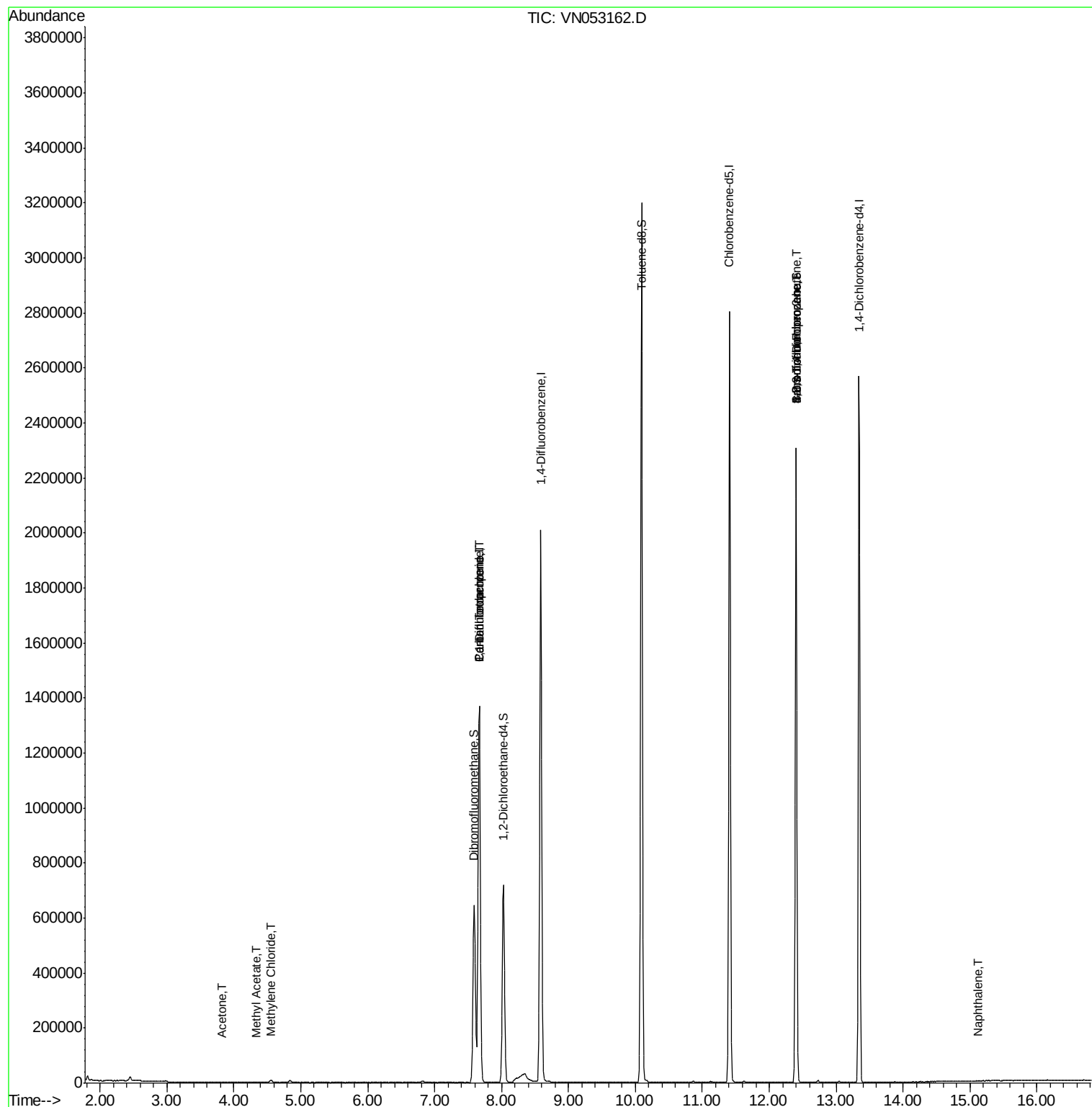
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.81	43	1202	0.496	ug/l #	87
18) Methyl Acetate	4.33	43	3288	1.285	ug/l #	60
20) Methylene Chloride	4.56	84	7068	0.535	ug/l	85
31) Cyclohexane	7.67	56	19874	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	79952	4.470	ug/l #	48
38) Carbon Tetrachloride	7.66	117	102889	6.276	ug/l #	16
71) Bromoform	12.40	173	4890	0.509	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	375974	30.377	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	375974	97.909	ug/l #	12
95) Naphthalene	15.13	128	380	1.159	ug/l #	69

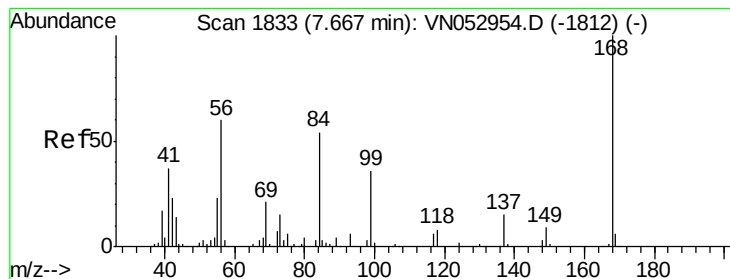
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN122218\
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ALS Vial : 42 Sample Multiplier: 28

Instrument :
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Quant Time: Dec 23 23:14:32 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053162.D

Acq: 23 Dec 2018 5:13

Instrument :

MSVOA_N

ClientSampleId :

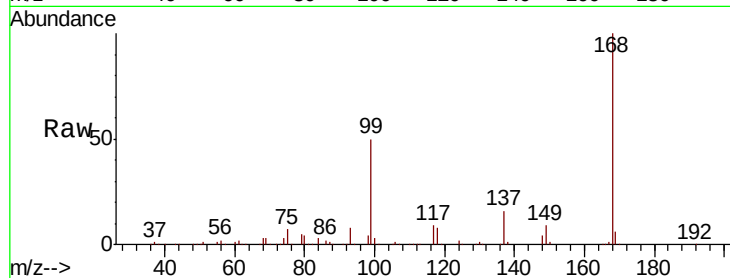
P001-SS022-0612-01MSD

Tot Ion:168 Resp: 1216798

Ion Ratio Lower Upper

168 100

99 50.1 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN052954.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN052954.D (-1812) (-)

7.67

600000

500000

400000

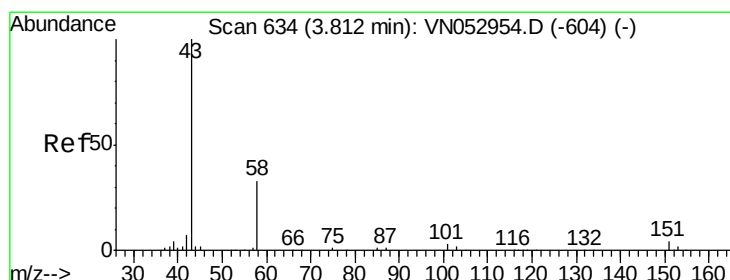
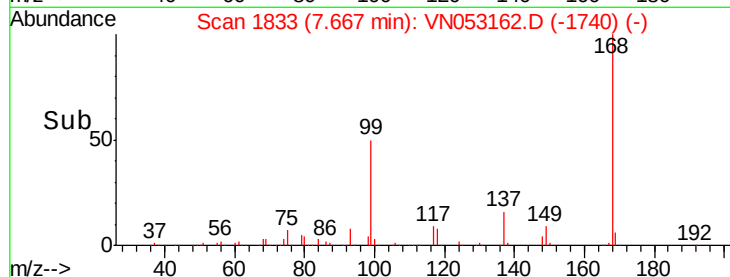
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 0.496 ug/l

RT: 3.81 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN053162.D

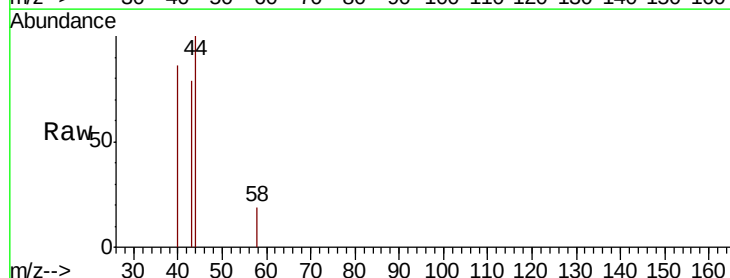
Acq: 23 Dec 2018 5:13

Tgt Ion: 43 Resp: 1202

Ion Ratio Lower Upper

43 100

58 24.4 25.4 38.0#



Abundance Ion 43.00 (42.70 to 43.70): VN052954.D (-604) (-)

Ion 58.00 (57.70 to 58.70): VN052954.D (-604) (-)

3.81

1000

800

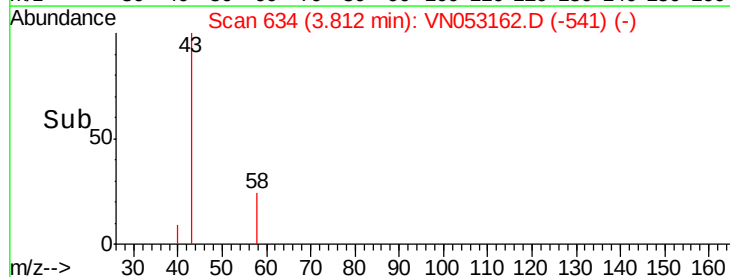
600

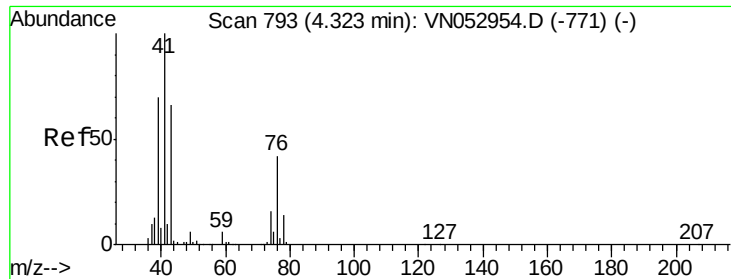
400

200

0

Time-->

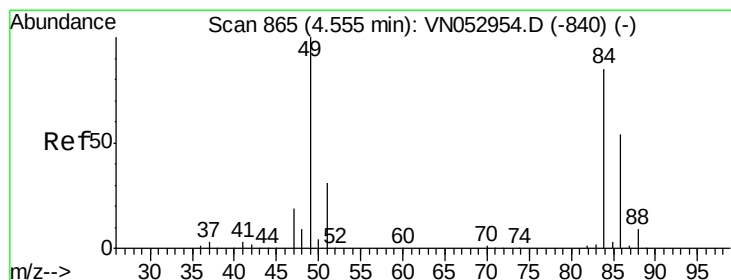
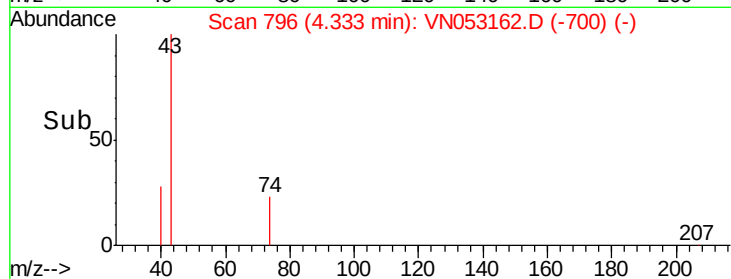
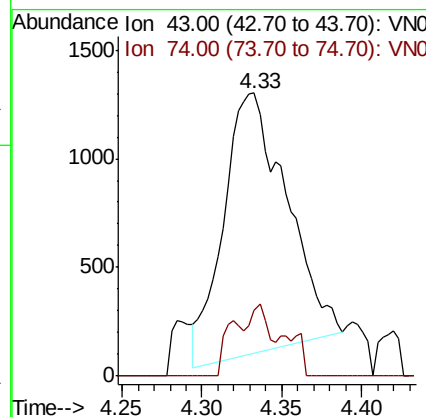
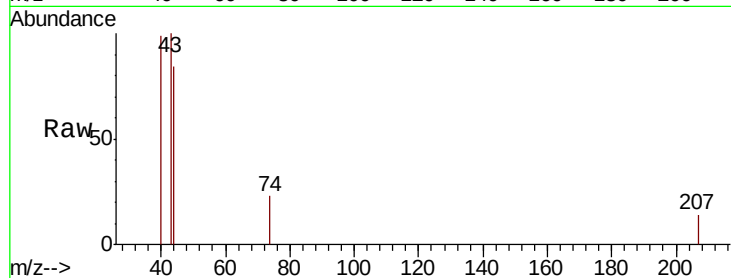




#18
Methvl Acetate
Concen: 1.285 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN053162.D
Acq: 23 Dec 2018 5:13

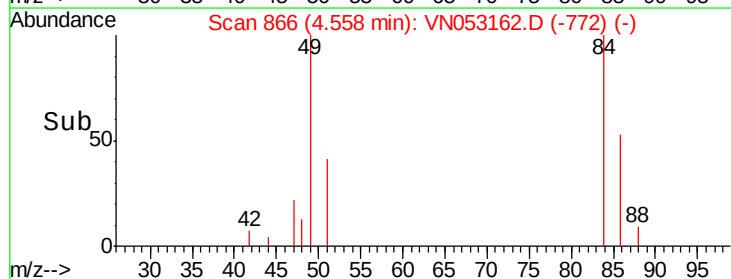
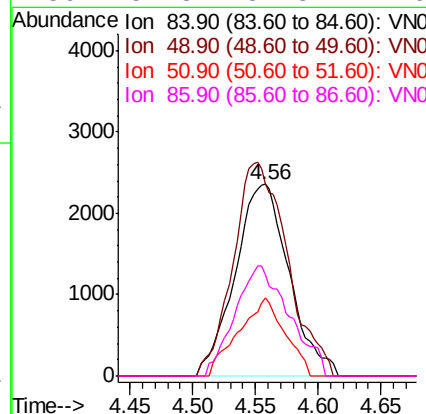
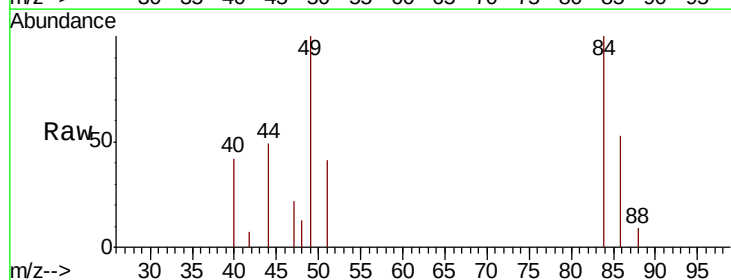
Instrument :
MSVOA_N
ClientSampleId :
P001-SS022-0612-01MSD

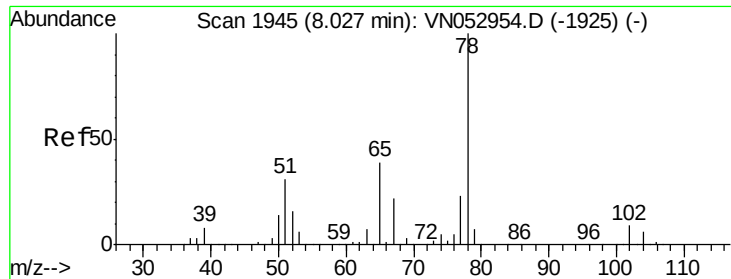
Tot Ion: 43 Resp: 3288
Ion Ratio Lower Upper
43 100
74 4.3 19.2 28.8#



#20
Methylene Chloride
Concen: 0.535 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN053162.D
Acq: 23 Dec 2018 5:13

Tgt Ion: 84 Resp: 7068
Ion Ratio Lower Upper
84 100
49 100.3 96.8 145.2
51 40.7 29.9 44.9
86 52.8 51.8 77.6

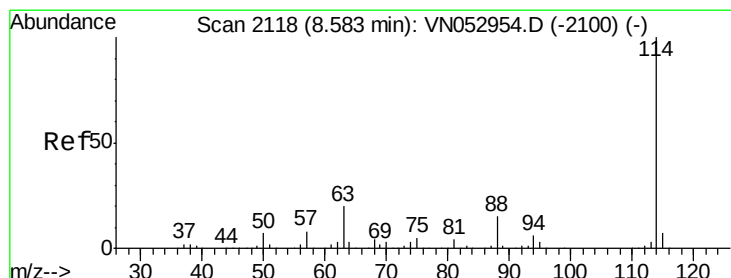
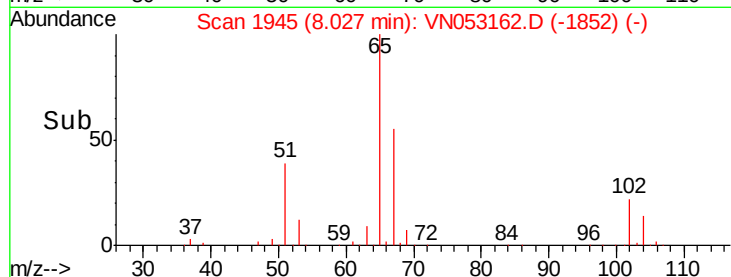
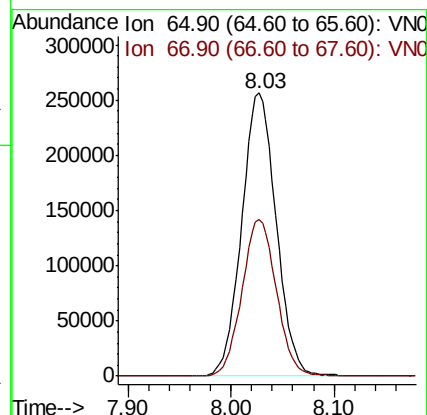
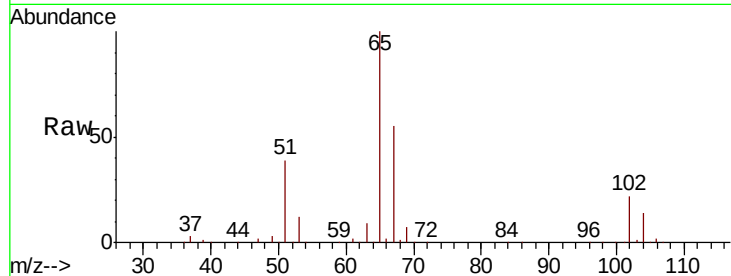




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN053162.D
 Acq: 23 Dec 2018 5:13

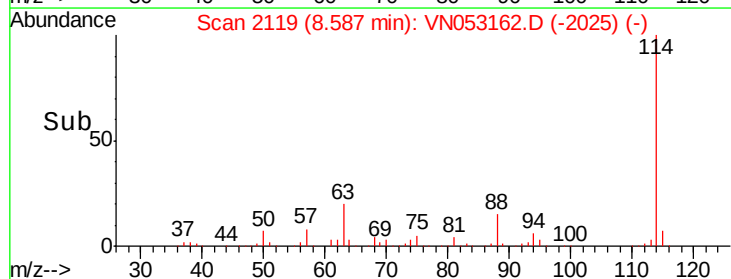
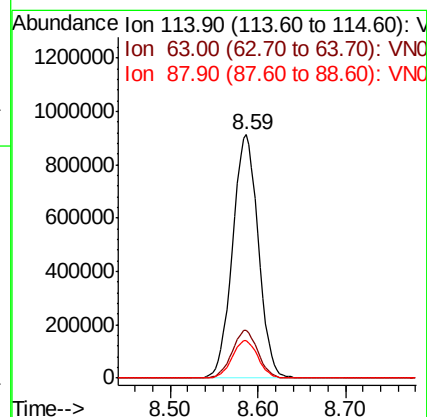
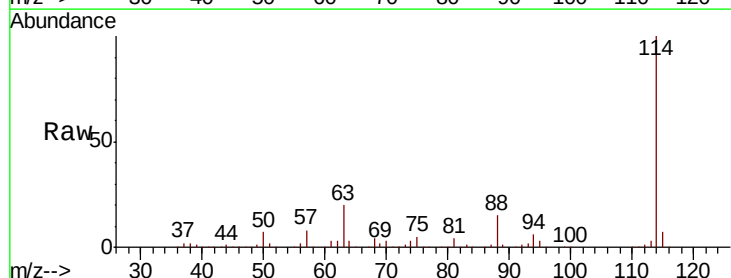
Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SS022-0612-01MSD

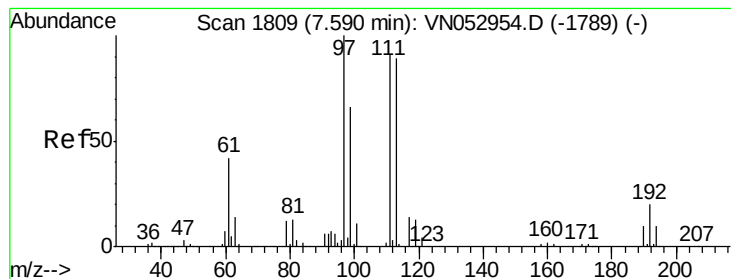
Tot Ion: 65 Resp: 595084
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053162.D
 Acq: 23 Dec 2018 5:13

Tgt Ion: 114 Resp: 1863402
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.8
 88 15.3 0.0 31.0





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN053162.D

Acq: 23 Dec 2018 5:13

Instrument :

MSVOA_N

ClientSampleId :

P001-SS022-0612-01MSD

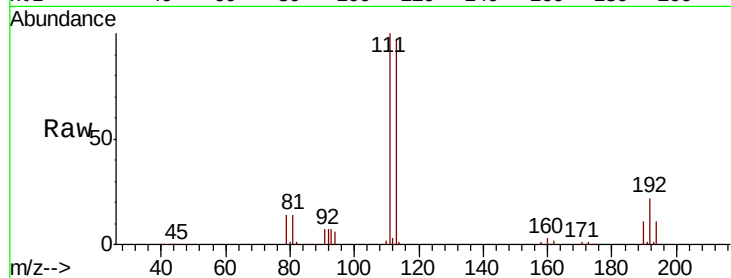
Tot Ion:113 Resp: 503476

Ion Ratio Lower Upper

113 100

111 101.7 83.0 124.4

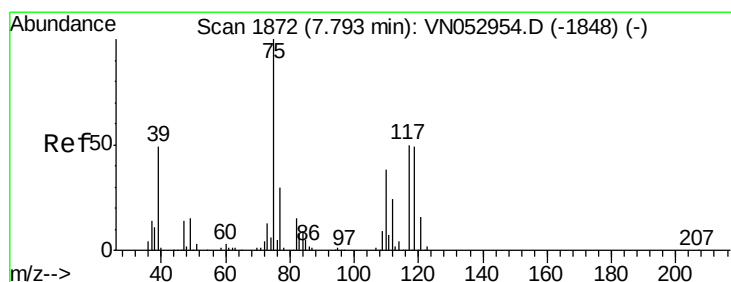
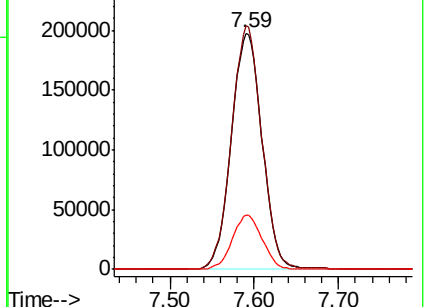
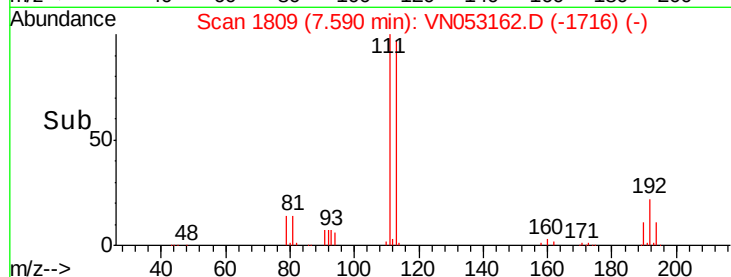
192 22.4 17.5 26.3



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: 4.470 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN053162.D

Acq: 23 Dec 2018 5:13

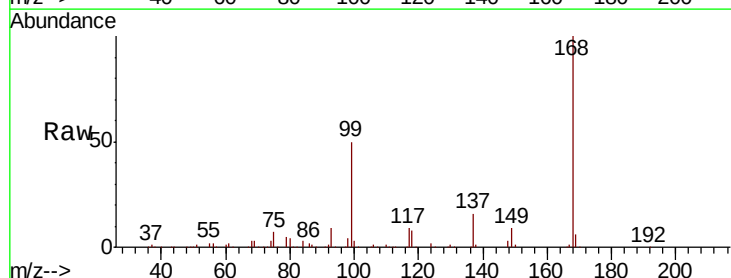
Tgt Ion: 75 Resp: 79952

Ion Ratio Lower Upper

75 100

110 7.6 18.2 54.6#

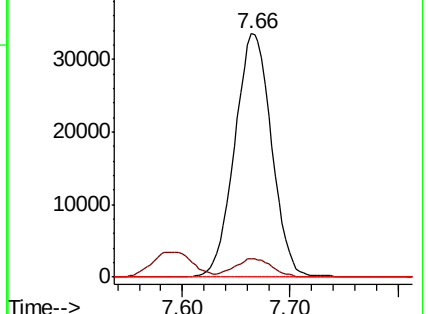
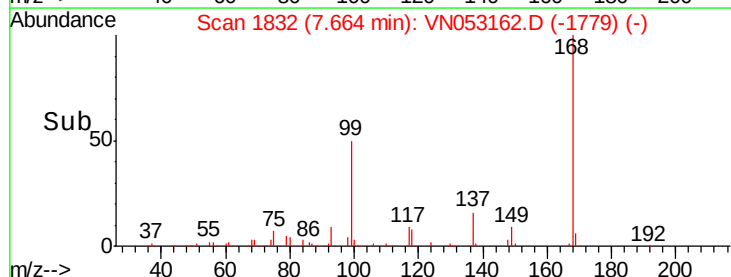
77 0.0 24.9 37.3#

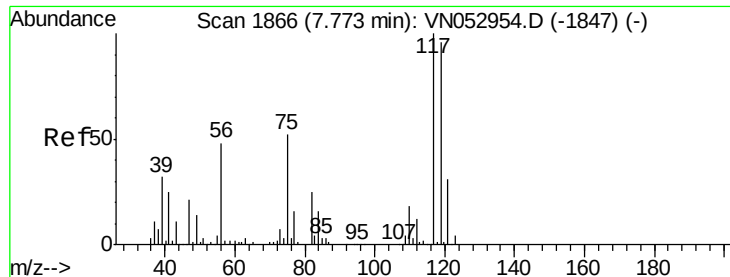


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 6.276 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN053162.D

Acq: 23 Dec 2018 5:13

Instrument :

MSVOA_N

ClientSampleId :

P001-SS022-0612-01MSD

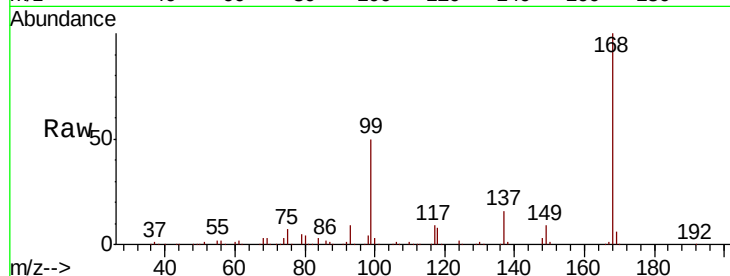
Tot Ion:117 Resp: 102889

Ion Ratio Lower Upper

117 100

119 4.8 77.1 115.7#

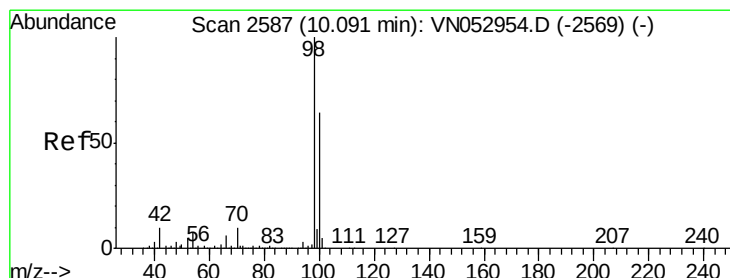
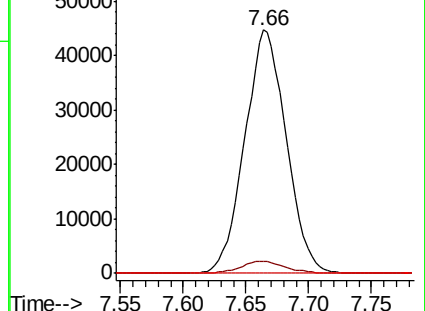
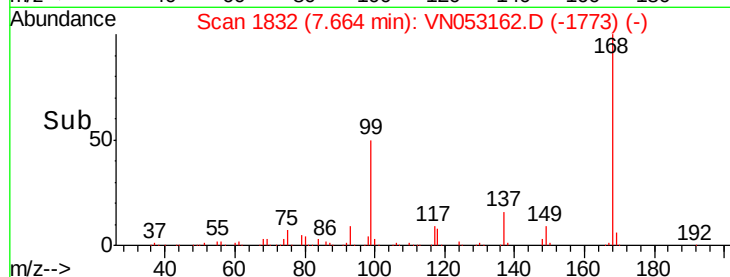
121 0.0 24.9 37.3#



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: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053162.D

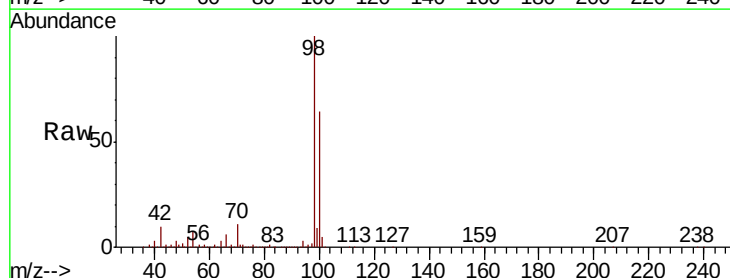
Acq: 23 Dec 2018 5:13

Tgt Ion: 98 Resp: 2308891

Ion Ratio Lower Upper

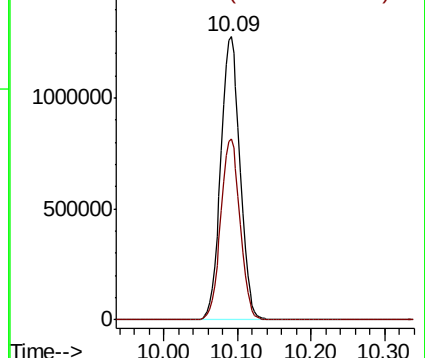
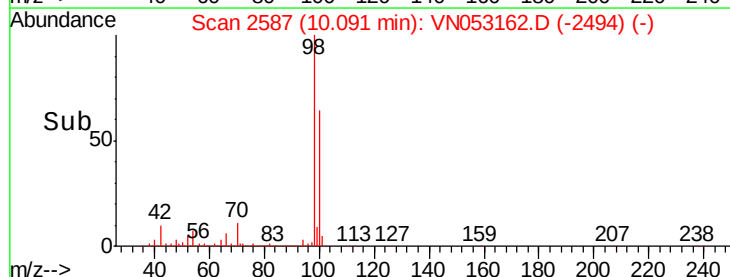
98 100

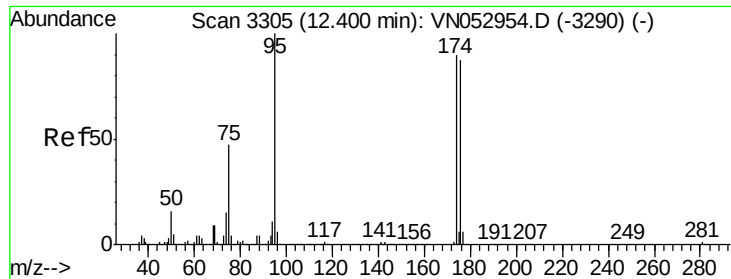
100 64.1 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

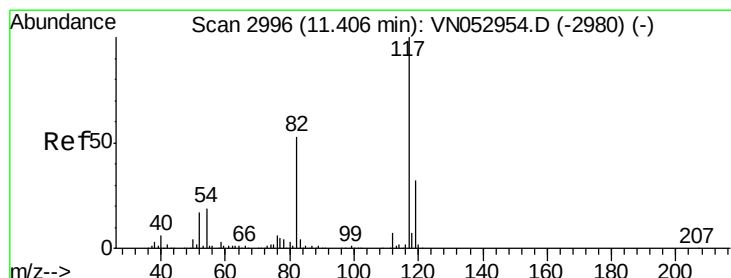
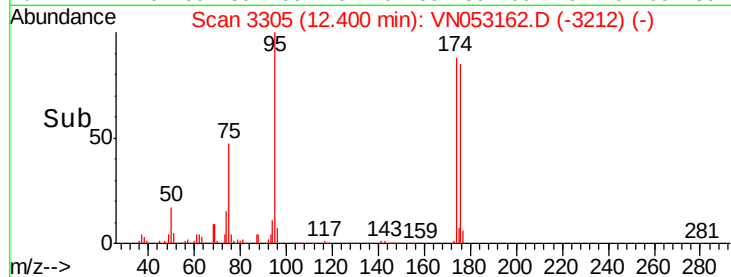
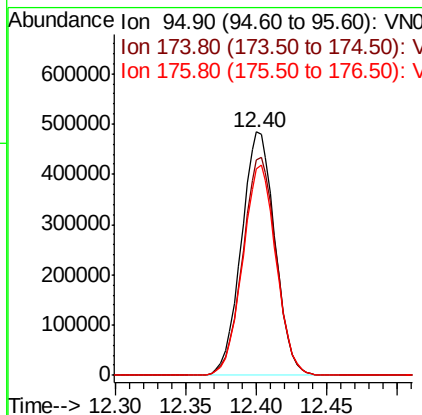
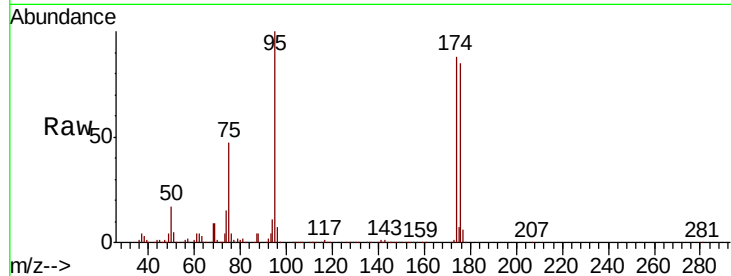




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053162.D
Acq: 23 Dec 2018 5:13

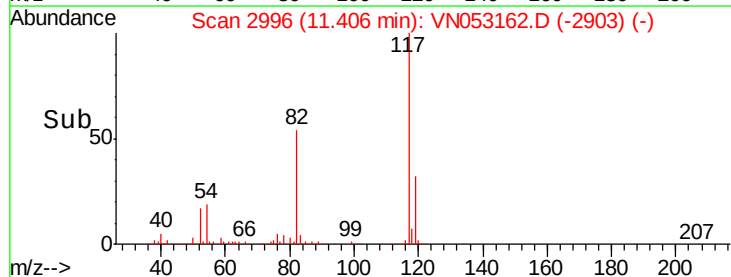
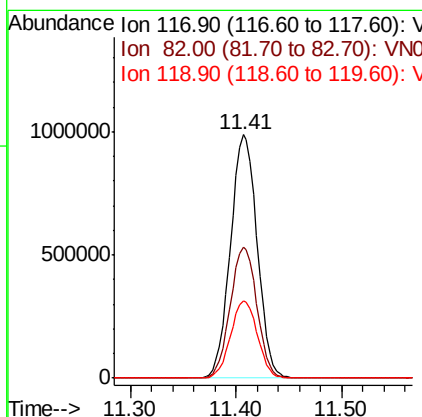
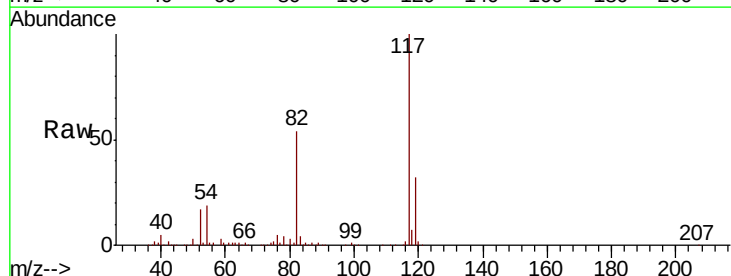
Instrument :
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P001-SS022-0612-01MSD

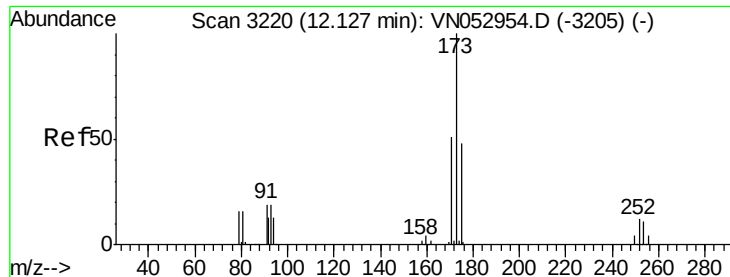
Tot Ion: 95 Resp: 808616
Ion Ratio Lower Upper
95 100
174 89.3 0.0 178.8
176 85.8 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053162.D
Acq: 23 Dec 2018 5:13

Tgt Ion: 117 Resp: 1725307
Ion Ratio Lower Upper
117 100
82 53.9 42.8 64.2
119 31.9 25.5 38.3





#71

Bromoform

Concen: 0.509 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN053162.D

Acq: 23 Dec 2018 5:13

Instrument :

MSVOA_N

ClientSampleId :

P001-SS022-0612-01MSD

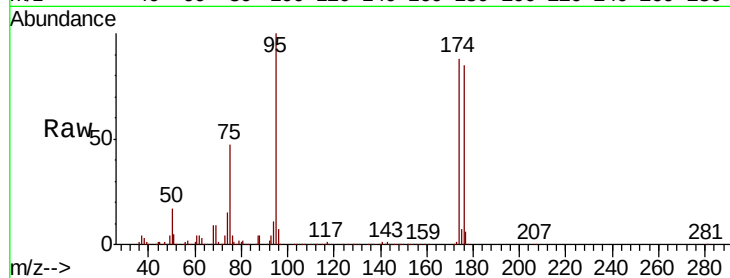
Tot Ion:173 Resp: 4890

Ion Ratio Lower Upper

173 100

175 964.8 24.3 72.9#

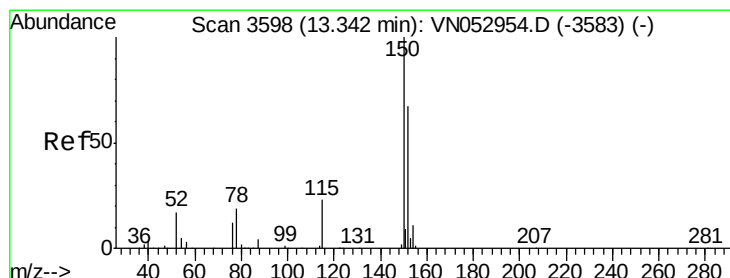
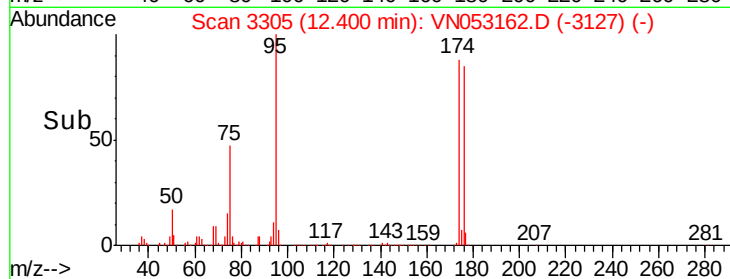
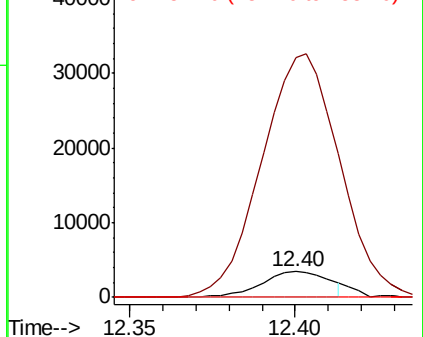
254 0.0 0.1 0.1#



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# 3598

Delta R.T. -0.00 min

Lab File: VN053162.D

Acq: 23 Dec 2018 5:13

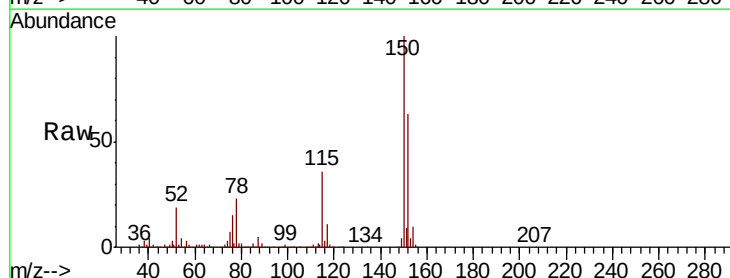
Tgt Ion:152 Resp: 735230

Ion Ratio Lower Upper

152 100

115 56.0 28.3 85.0

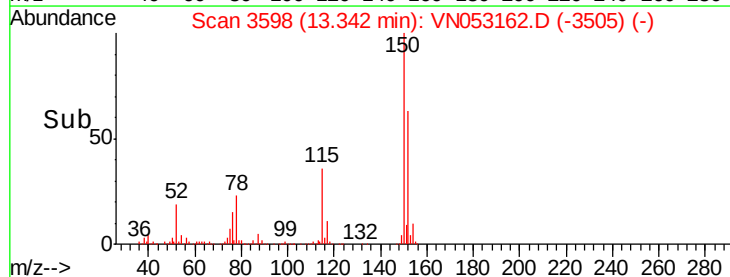
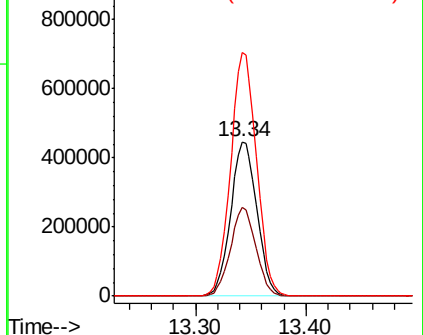
150 156.3 0.0 347.8

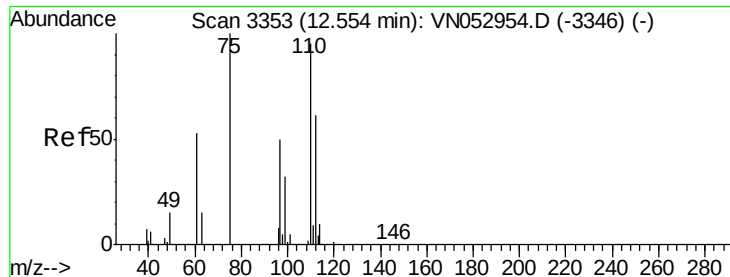


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 30.377 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053162.D

Acq: 23 Dec 2018 5:13

Instrument :

MSVOA_N

ClientSampleId :

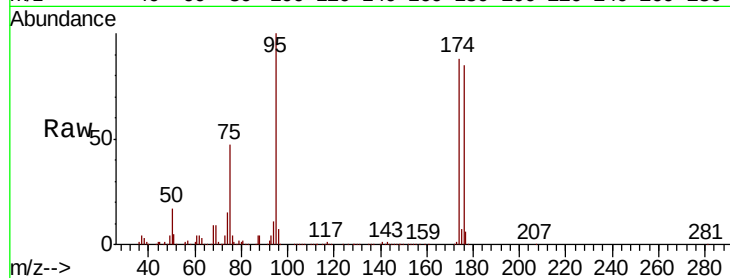
P001-SS022-0612-01MSD

Tot Ion: 75 Resp: 375974

Ion Ratio Lower Upper

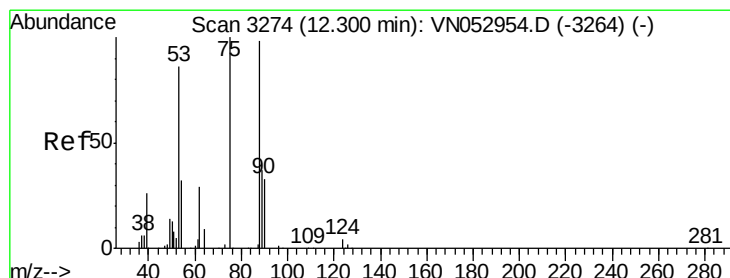
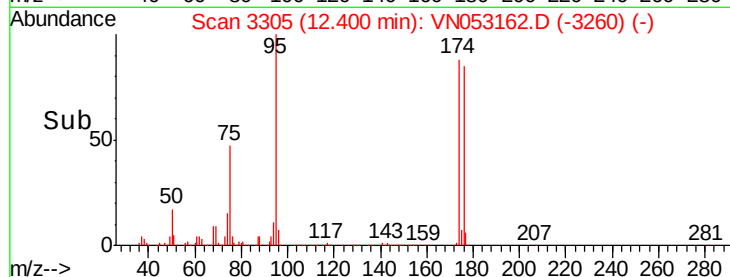
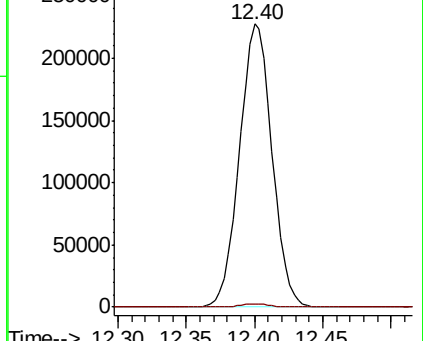
75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#81

trans-1,4-Dichloro-2-butene

Concen: 97.909 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053162.D

Acq: 23 Dec 2018 5:13

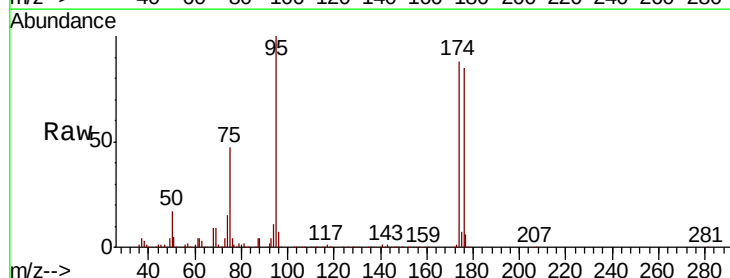
Tgt Ion: 75 Resp: 375974

Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

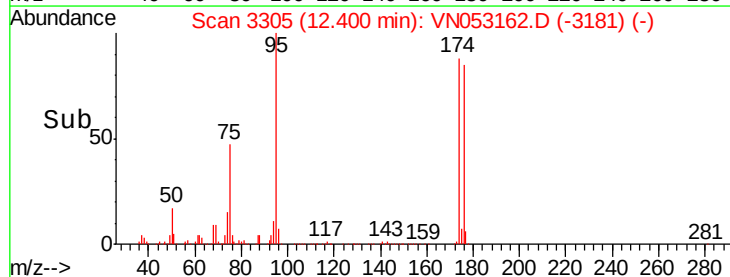
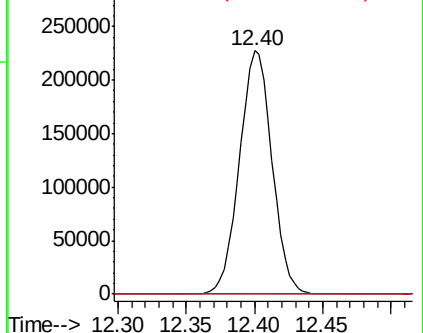
89 0.0 36.1 54.1#

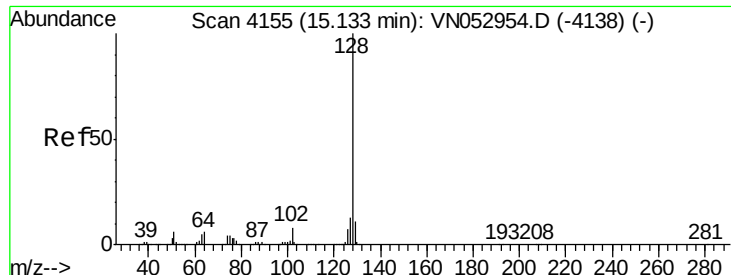


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0





#95
Naphthalene
Concen: 1.159 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN053162.D
Acq: 23 Dec 2018 5:13

Instrument :
MSVOA_N
ClientSampleId :
P001-SS022-0612-01MSD

Tot Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.4#
129	0.0	8.6	13.0#

