

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122218\
 Data File : VN053152.D
 Acq On : 23 Dec 2018 00:46
 Operator : MD\SY
 Sample : J6446-04ME 10X
 Misc : 4.55g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 32 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SS026-0612-01ME

Quant Time: Dec 23 23:12:16 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	7.66	168	1201575	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1831663	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1690609	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	713993	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	579749	47.54	ug/l	0.00
Spiked Amount			Recovery	=	95.08%	
35) Dibromofluoromethane	7.59	113	495513	59.22	ug/l	0.00
Spiked Amount			Recovery	=	118.44%	
50) Toluene-d8	10.09	98	2271250	50.57	ug/l	0.00
Spiked Amount			Recovery	=	101.14%	
62) 4-Bromofluorobenzene	12.40	95	781630	49.57	ug/l	0.00
Spiked Amount			Recovery	=	99.14%	

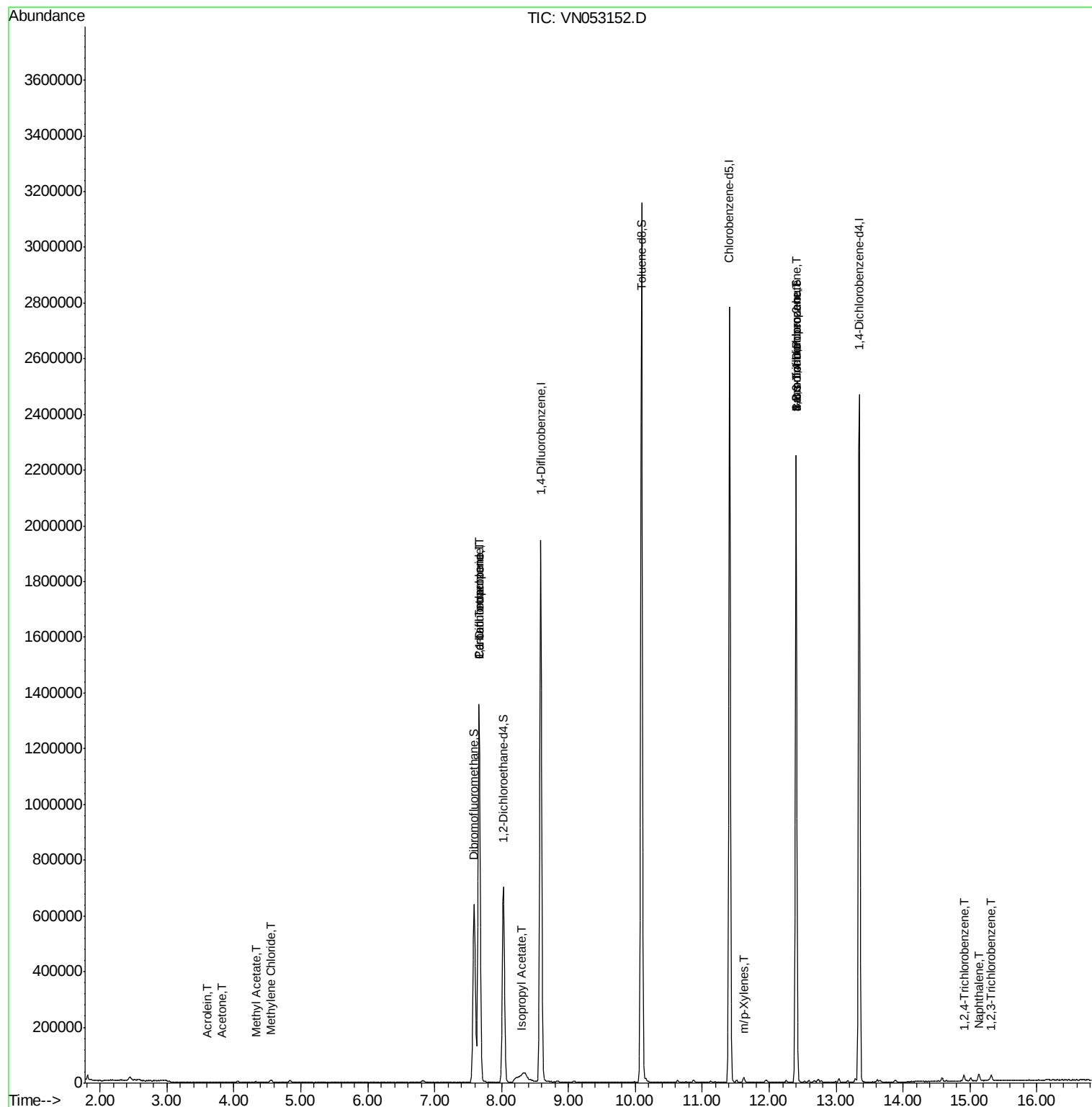
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.62	56	520	0.771	ug/l #	47
16) Acetone	3.82	43	2882	1.205	ug/l	89
18) Methyl Acetate	4.33	43	6274	1.559	ug/l #	71
20) Methylene Chloride	4.55	84	7032	0.539	ug/l	93
31) Cyclohexane	7.66	56	20114	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	79236	4.507	ug/l #	49
38) Carbon Tetrachloride	7.66	117	102931	6.388	ug/l #	16
43) Isopropyl Acetate	8.28	43	41829	1.183	ug/l #	53
68) m/p-Xylenes	11.62	106	5665	0.231	ug/l	97
71) Bromoform	12.40	173	4374	0.465	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	363564	30.248	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	363564	97.494	ug/l #	12
93) 1,2,4-Trichlorobenzene	14.91	180	7288	1.158	ug/l	94
94) Hexachlorobutadiene	15.01	225	2604	Below Cal		95
95) Naphthalene	15.13	128	22893	1.943	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	7909	1.186	ug/l	97

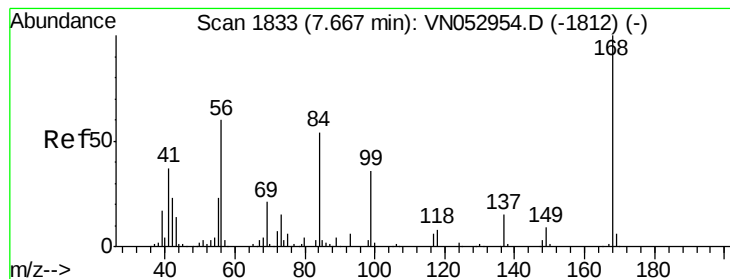
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN122218\
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Acq On : 23 Dec 2018 00:46
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Quant Time: Dec 23 23:12:16 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: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN053152.D

Acq: 23 Dec 2018 00:46

Instrument :

MSVOA_N

ClientSampleId :

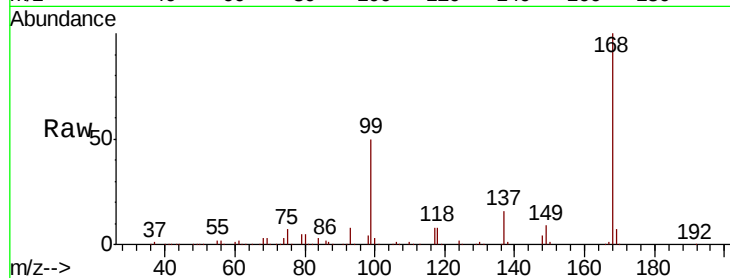
P001-SS026-0612-01ME

Tot Ion:168 Resp: 1201575

Ion Ratio Lower Upper

168 100

99 49.8 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN053152.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN053152.D (-1740) (-)

7.66

500000

400000

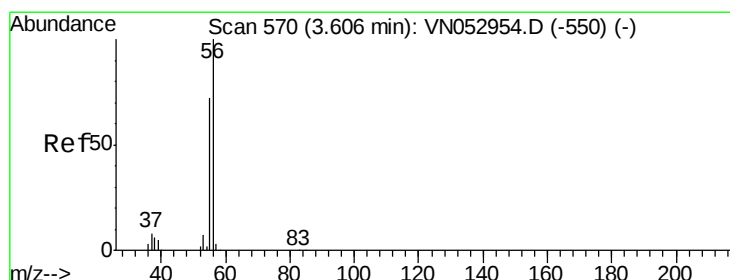
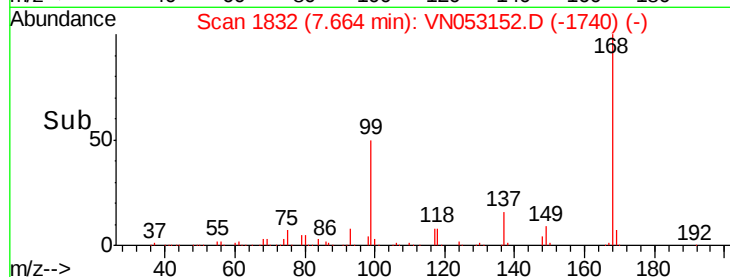
300000

200000

100000

0

Time-->



#13

Acrolein

Concen: 0.771 ug/l

RT: 3.62 min Scan# 573

Delta R.T. 0.01 min

Lab File: VN053152.D

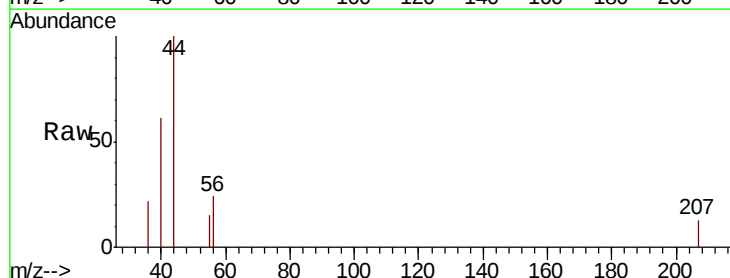
Acq: 23 Dec 2018 00:46

Tgt Ion: 56 Resp: 520

Ion Ratio Lower Upper

56 100

55 26.7 56.6 85.0#



Abundance Ion 56.00 (55.70 to 56.70): VN053152.D (-477) (-)

Ion 55.00 (54.70 to 55.70): VN053152.D (-477) (-)

3.62

300

250

200

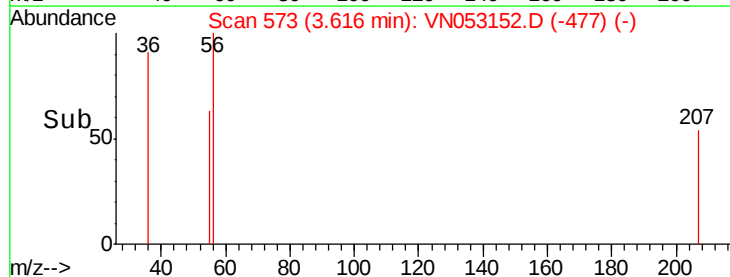
150

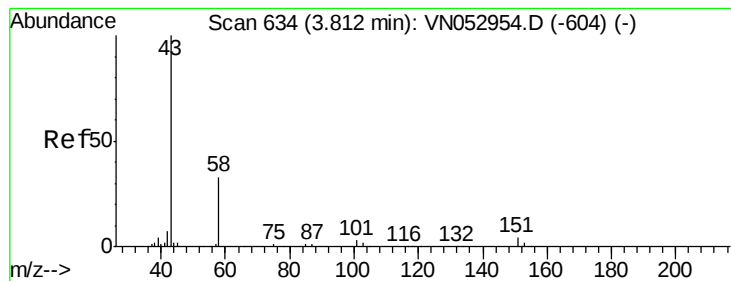
100

50

0

Time-->





#16

Acetone

Concen: 1.205 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053152.D

Acq: 23 Dec 2018 00:46

Instrument :

MSVOA_N

ClientSampleId :

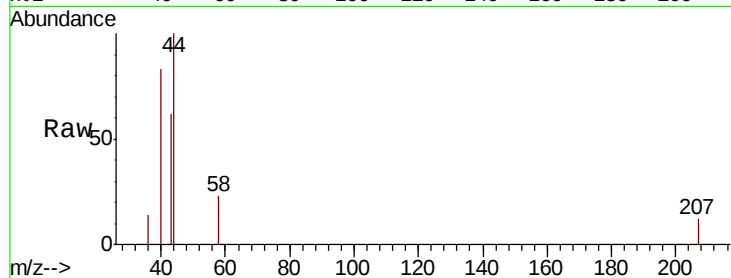
P001-SS026-0612-01ME

Tot Ion: 43 Resp: 2882

Ion Ratio Lower Upper

43 100

58 38.0 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

800

600

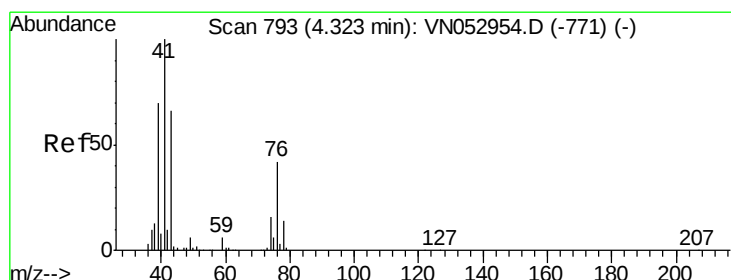
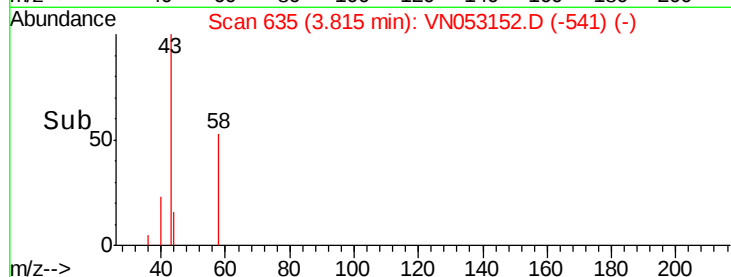
400

200

0

3.75 3.80 3.85 3.90

Time-->



#18

Methyl Acetate

Concen: 1.559 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.01 min

Lab File: VN053152.D

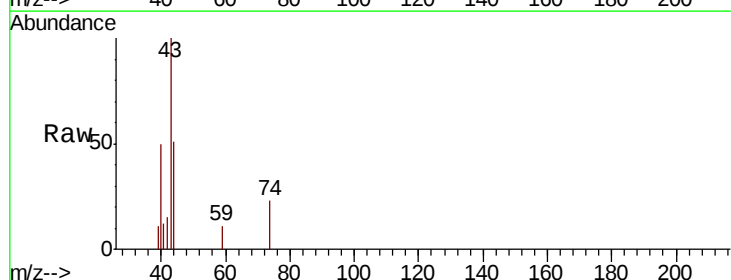
Acq: 23 Dec 2018 00:46

Tgt Ion: 43 Resp: 6274

Ion Ratio Lower Upper

43 100

74 9.6 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

2500

2000

1500

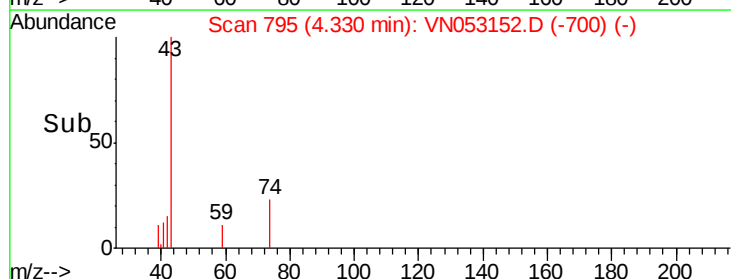
1000

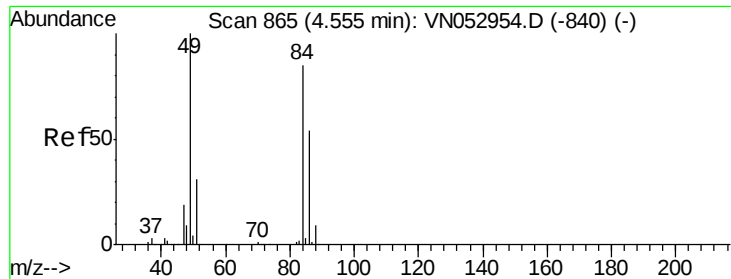
500

0

4.25 4.30 4.35 4.40

Time-->

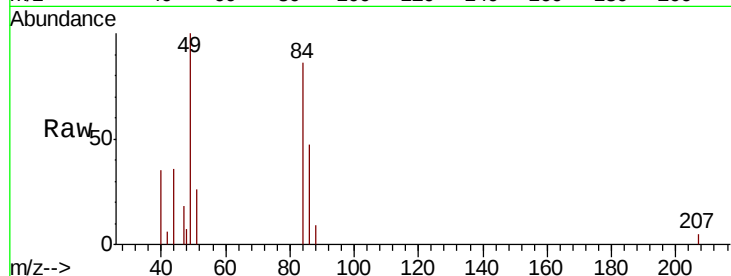




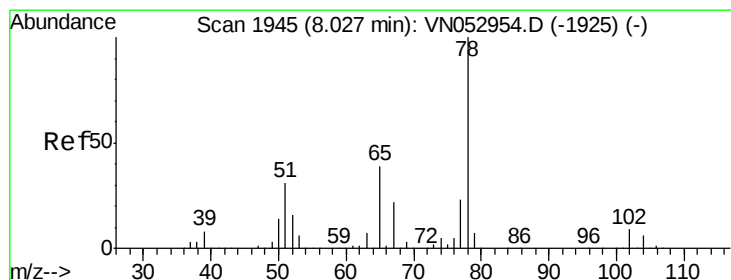
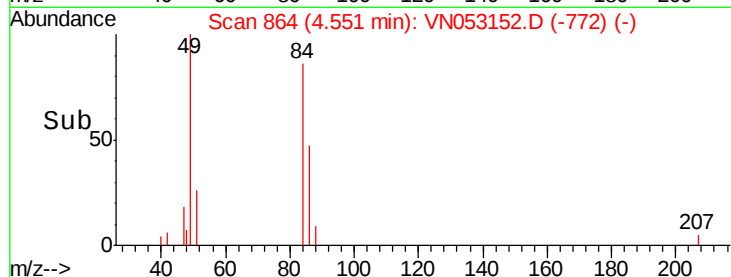
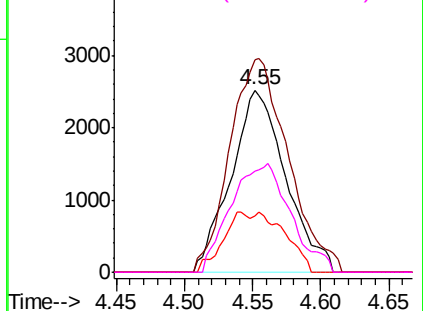
#20
Methvlene Chloride
Concen: 0.539 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN053152.D
Acq: 23 Dec 2018 00:46

Instrument :
MSVOA_N
ClientSampleId :
P001-SS026-0612-01ME

Tot Ion:	84	Resp:	7032
Ion	Ratio	Lower	Upper
84	100		
49	116.5	96.8	145.2
51	30.8	29.9	44.9
86	55.3	51.8	77.6

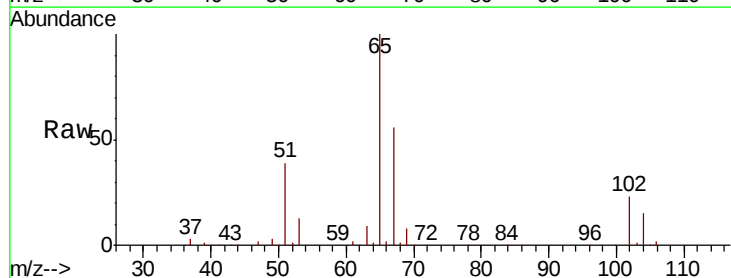


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

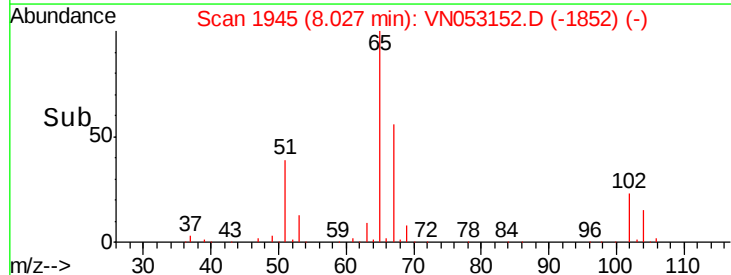
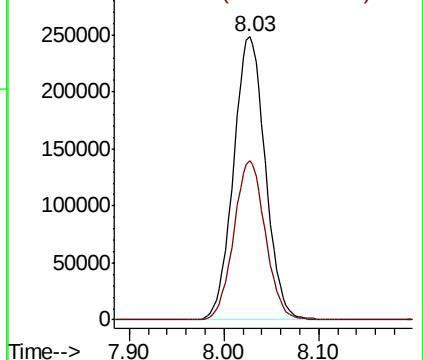


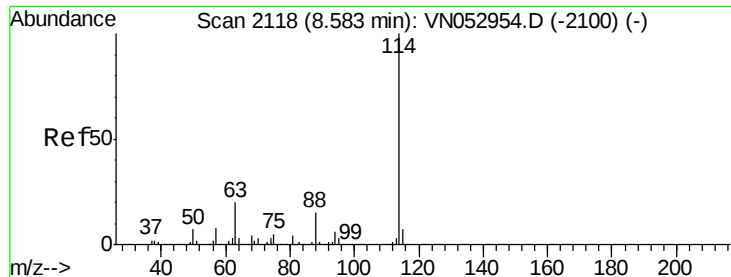
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN053152.D
Acq: 23 Dec 2018 00:46

Tgt Ion:	65	Resp:	579749
Ion	Ratio	Lower	Upper
65	100		
67	55.7	0.0	110.4



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

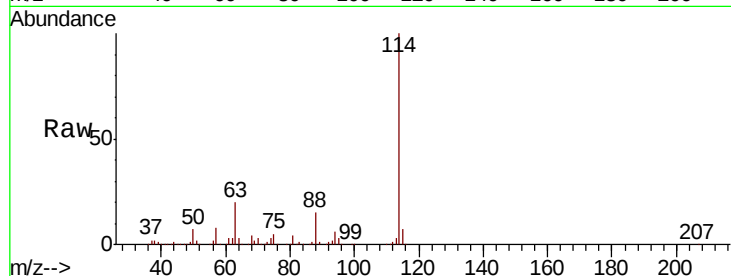




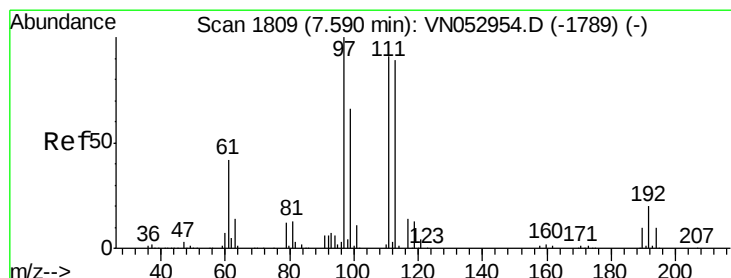
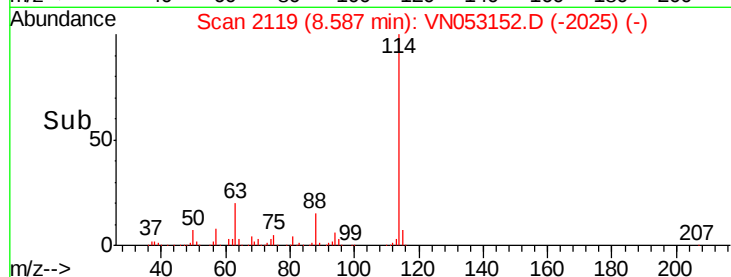
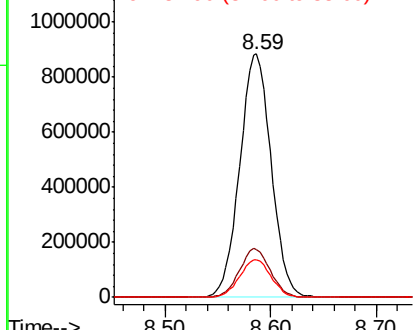
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053152.D
 Acq: 23 Dec 2018 00:46

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SS026-0612-01ME

Tot Ion:114 Resp: 1831663
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.8
 88 15.5 0.0 31.0

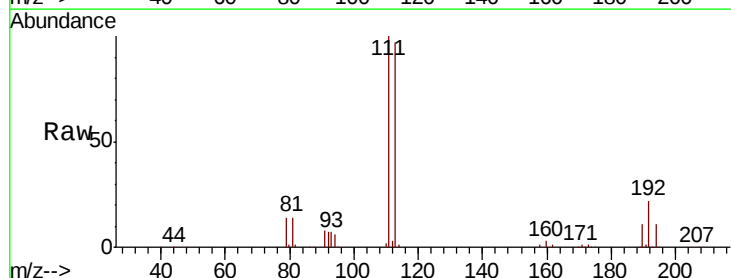


Abundance Ion 113.90 (113.60 to 114.60): V
 1200000
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

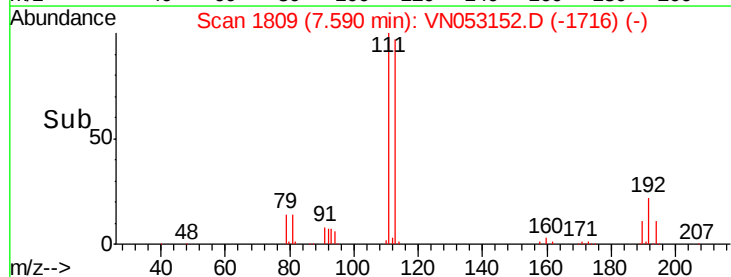
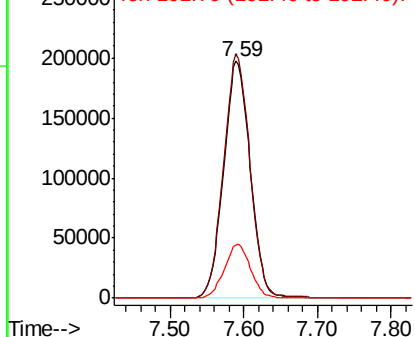


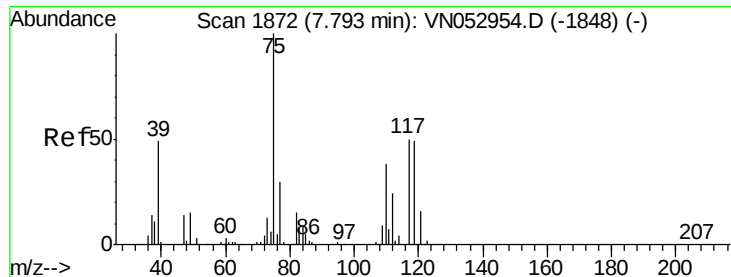
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN053152.D
 Acq: 23 Dec 2018 00:46

Tgt Ion:113 Resp: 495513
 Ion Ratio Lower Upper
 113 100
 111 101.5 83.0 124.4
 192 22.3 17.5 26.3



Abundance Ion 112.80 (112.50 to 113.50): V
 250000
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

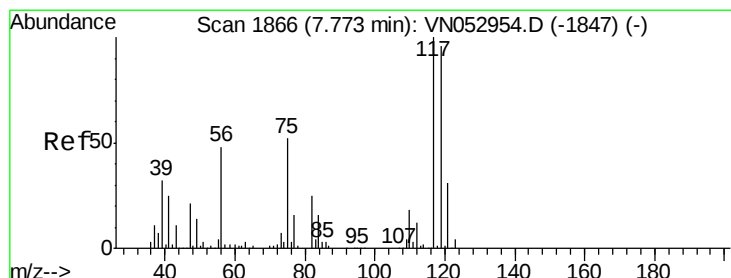
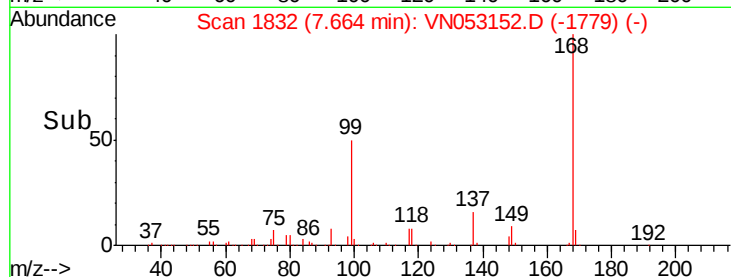
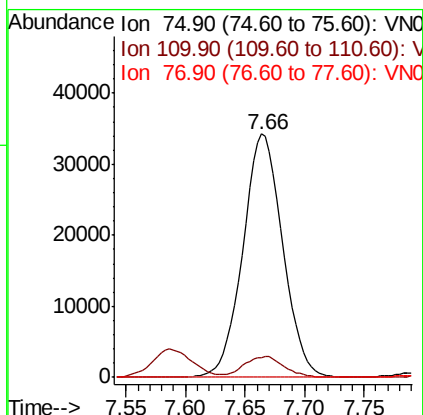
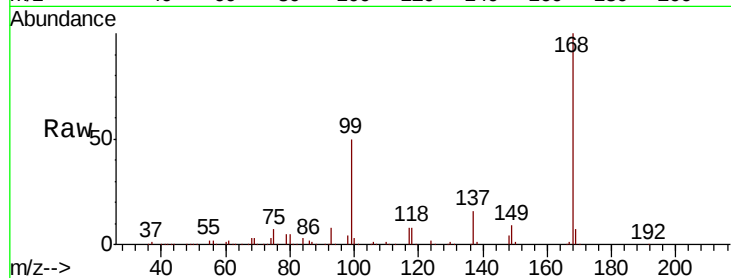




#36
 1,1-Dichloropropene
 Concen: 4.507 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN053152.D
 Acq: 23 Dec 2018 00:46

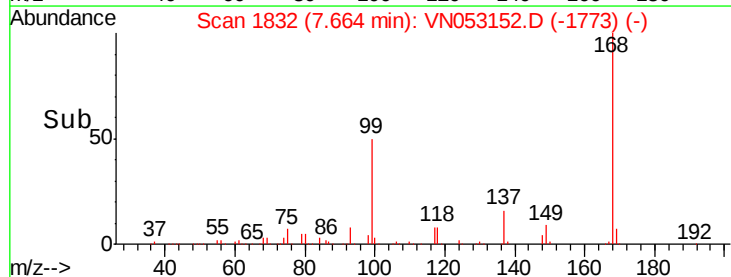
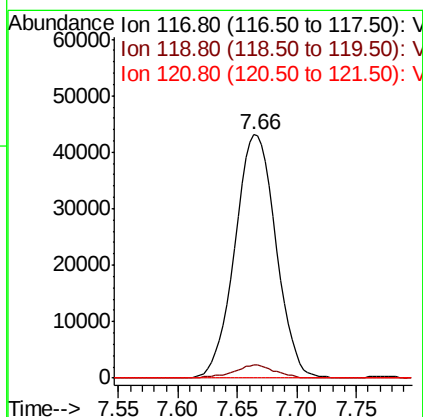
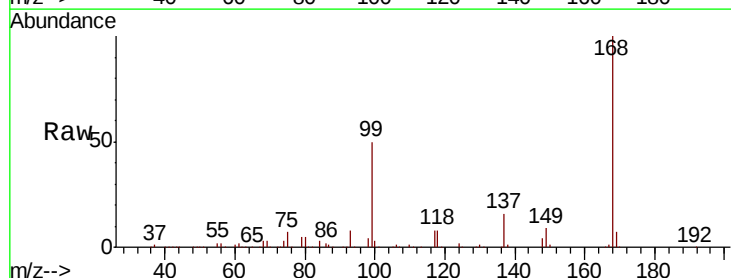
Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SS026-0612-01ME

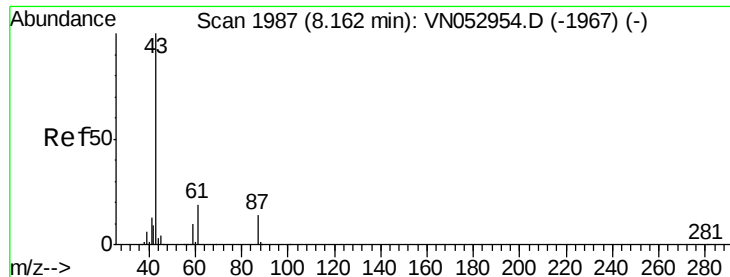
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.6	18.2	54.6#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.388 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN053152.D
 Acq: 23 Dec 2018 00:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.3	77.1	115.7#
121	0.0	24.9	37.3#





#43

Isopropyl Acetate

Concen: 1.183 ug/l

RT: 8.28 min Scan# 2025

Delta R.T. 0.12 min

Lab File: VN053152.D

Acq: 23 Dec 2018 00:46

Instrument :

MSVOA_N

ClientSampleId :

P001-SS026-0612-01ME

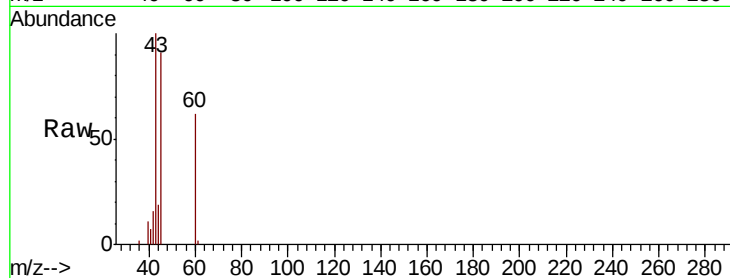
Tot Ion: 43 Resp: 41829

Ion Ratio Lower Upper

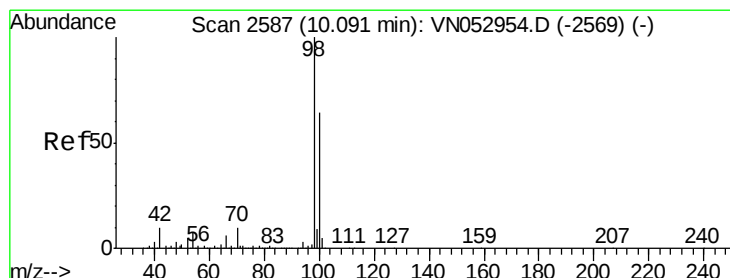
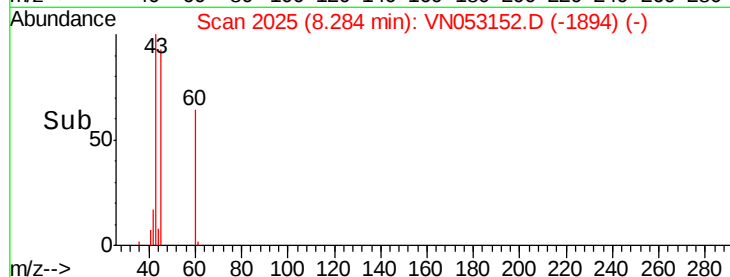
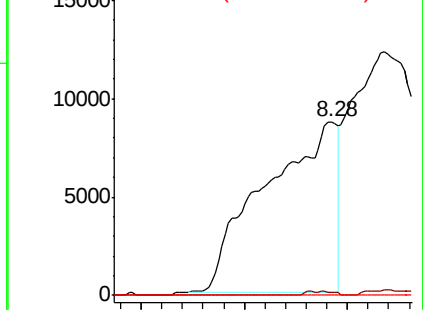
43 100

61 0.0 22.9 34.3#

87 0.0 10.6 15.8#



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 61.00 (60.70 to 61.70): VNO
Ion 87.00 (86.70 to 87.70): VNO



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053152.D

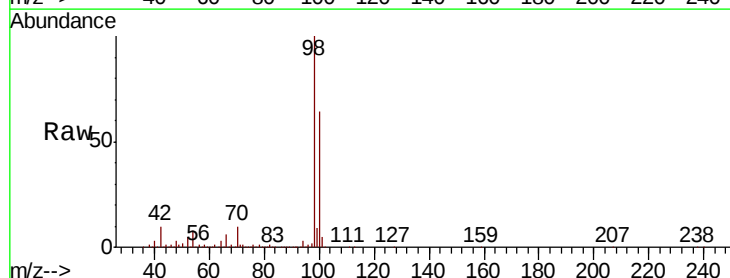
Acq: 23 Dec 2018 00:46

Tgt Ion: 98 Resp: 2271250

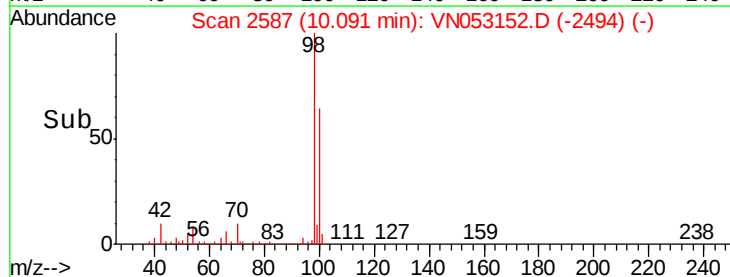
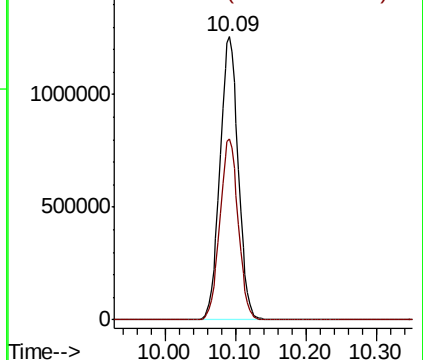
Ion Ratio Lower Upper

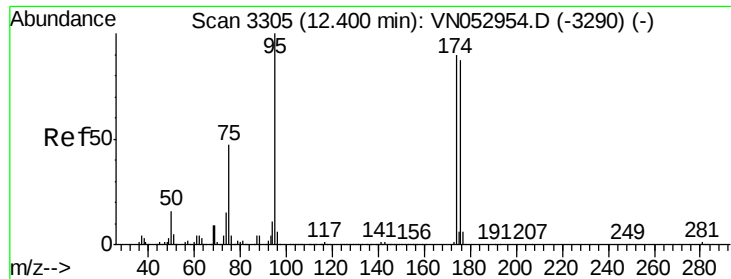
98 100

100 63.9 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VNO
Ion 100.00 (99.70 to 100.70): VNO





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053152.D

Acq: 23 Dec 2018 00:46

Instrument :

MSVOA_N

ClientSampleId :

P001-SS026-0612-01ME

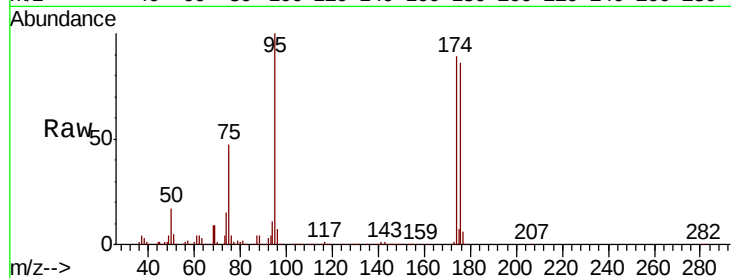
Tot Ion: 95 Resp: 781630

Ion Ratio Lower Upper

95 100

174 89.1 0.0 178.8

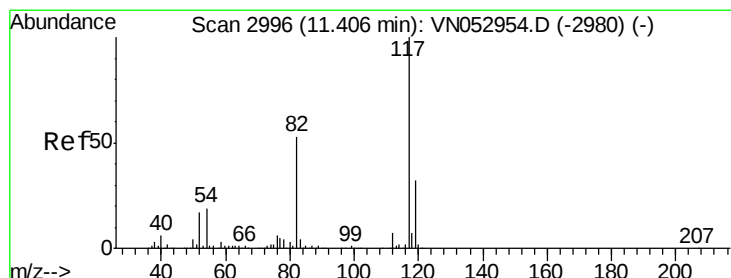
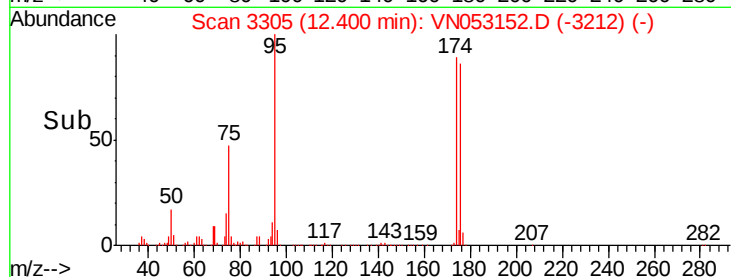
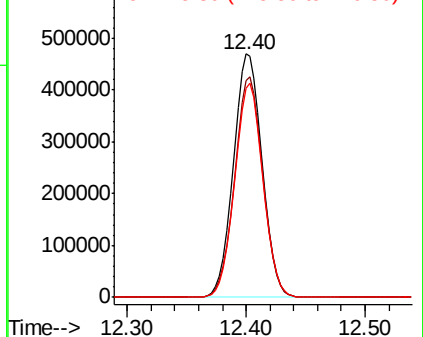
176 86.6 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VN053152.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN053152.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN053152.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN053152.D

Acq: 23 Dec 2018 00:46

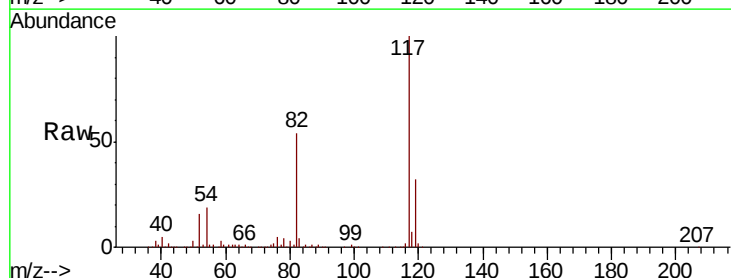
Tgt Ion: 117 Resp: 1690609

Ion Ratio Lower Upper

117 100

82 54.0 42.8 64.2

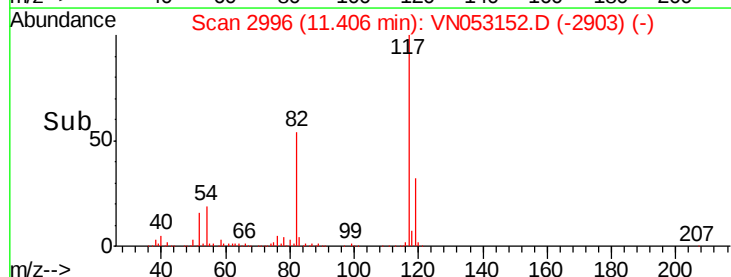
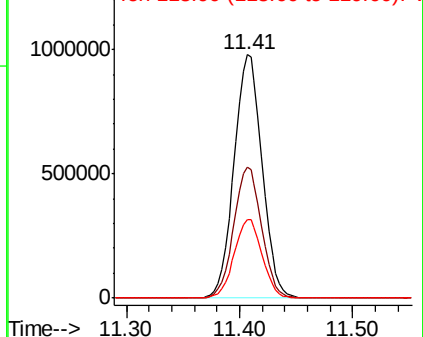
119 32.4 25.5 38.3

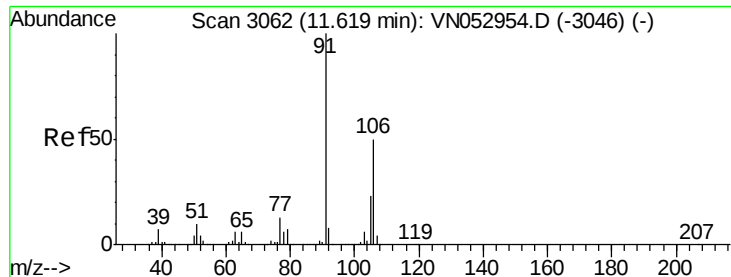


Abundance Ion 116.90 (116.60 to 117.60): VN053152.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN053152.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN053152.D (-2903) (-)





#68

m/p-Xvlenes

Concen: 0.231 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN053152.D

Acq: 23 Dec 2018 00:46

Instrument :

MSVOA_N

ClientSampleId :

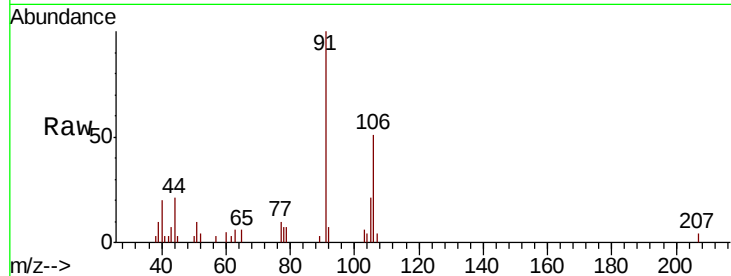
P001-SS026-0612-01ME

Tot Ion:106 Resp: 5665

Ion Ratio Lower Upper

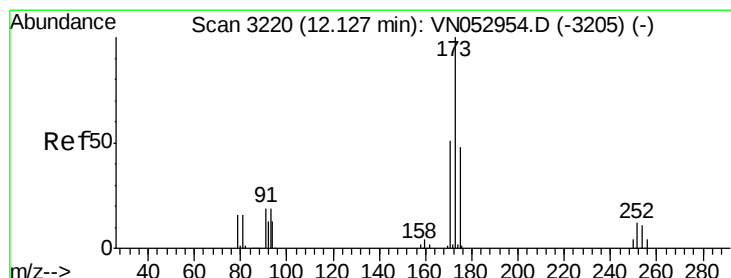
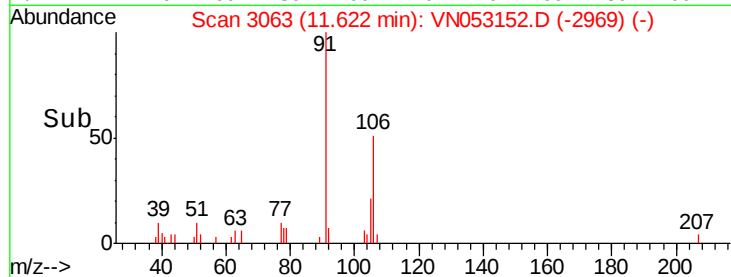
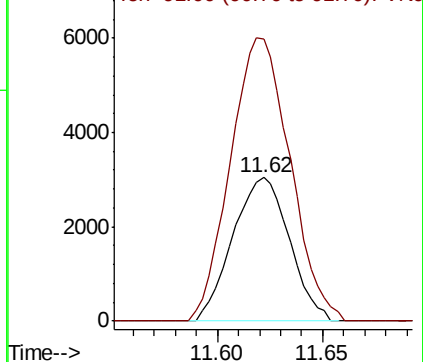
106 100

91 208.1 162.2 243.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#71

Bromoform

Concen: 0.465 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN053152.D

Acq: 23 Dec 2018 00:46

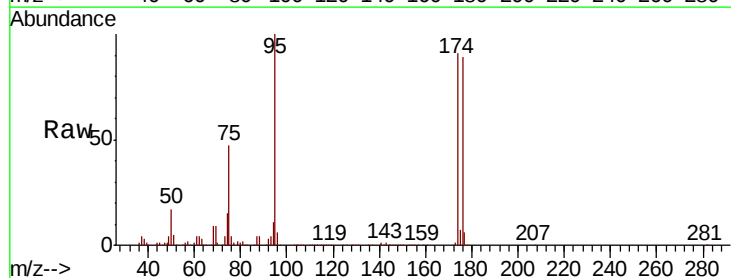
Tgt Ion:173 Resp: 4374

Ion Ratio Lower Upper

173 100

175 1011.3 24.3 72.9#

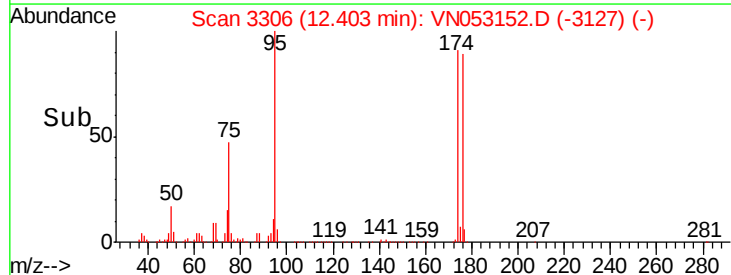
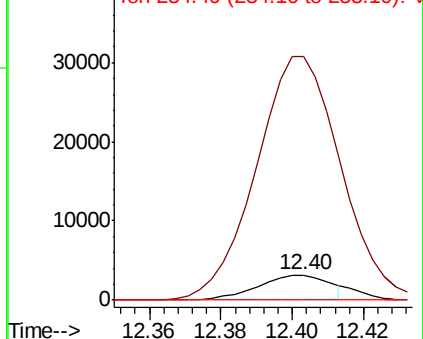
254 0.0 0.1 0.1#

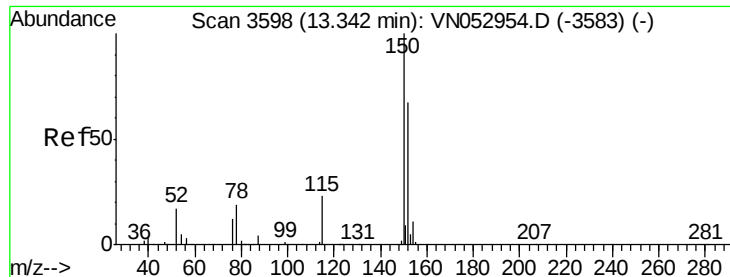


Abundance Ion 172.70 (172.40 to 173.40): V

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: VN053152.D

Acq: 23 Dec 2018 00:46

Instrument :

MSVOA_N

ClientSampleId :

P001-SS026-0612-01ME

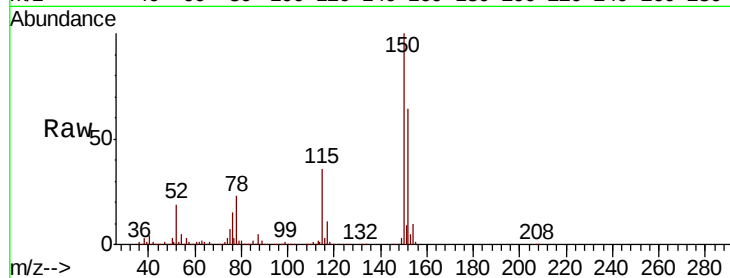
Tot Ion:152 Resp: 713993

Ion Ratio Lower Upper

152 100

115 56.2 28.3 85.0

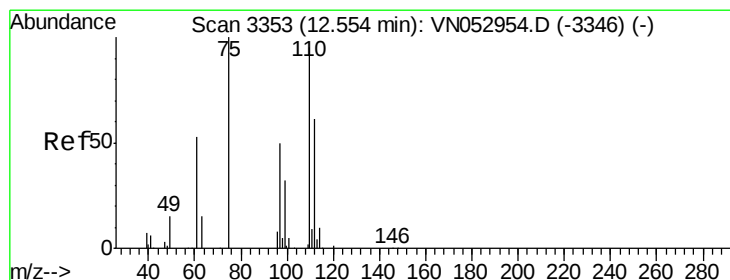
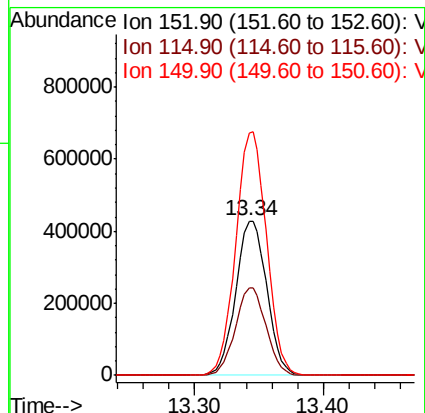
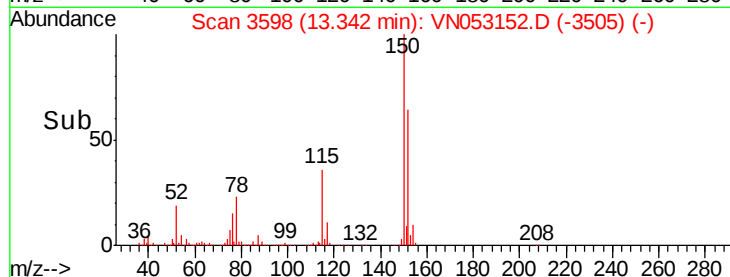
150 156.3 0.0 347.8



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: 30.248 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053152.D

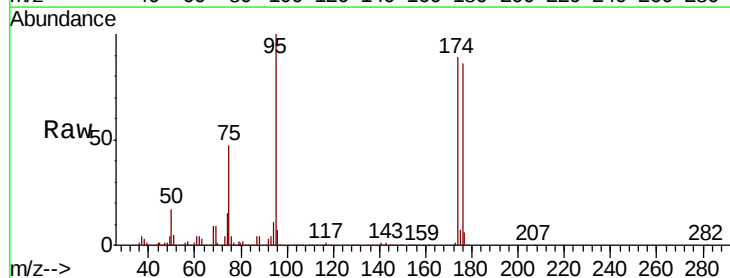
Acq: 23 Dec 2018 00:46

Tgt Ion: 75 Resp: 363564

Ion Ratio Lower Upper

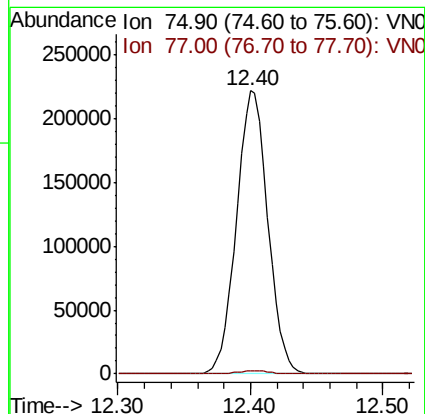
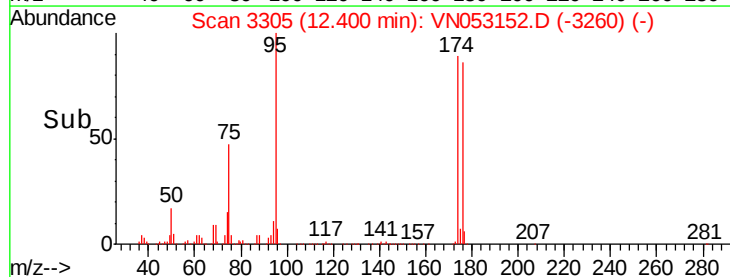
75 100

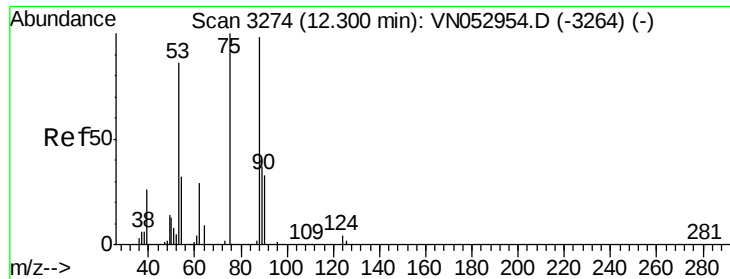
77 1.1 0.0 0.0#



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: 97.494 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053152.D

Acq: 23 Dec 2018 00:46

Instrument :

MSVOA_N

ClientSampleId :

P001-SS026-0612-01ME

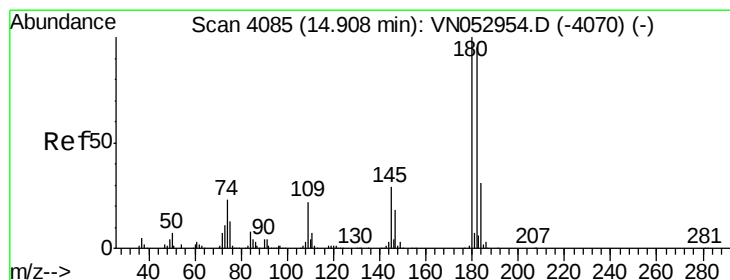
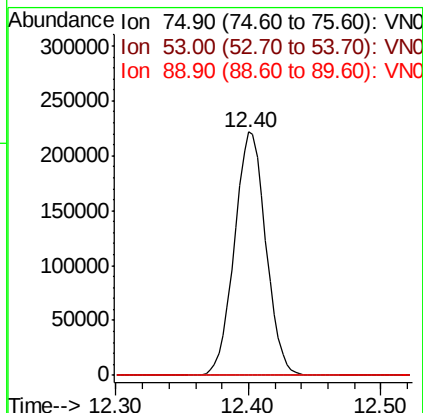
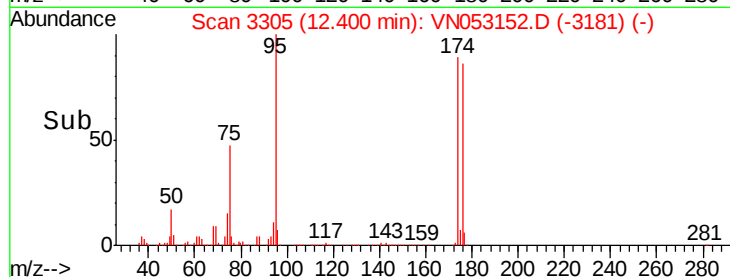
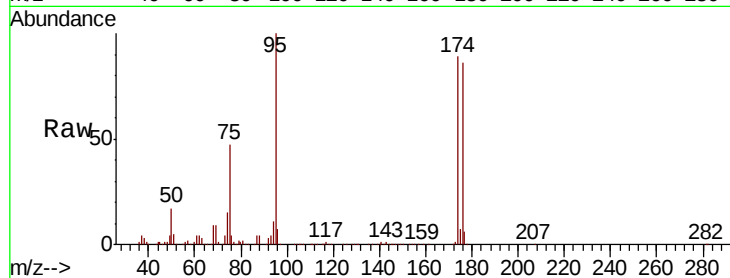
Tot Ion: 75 Resp: 363564

Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

89 0.0 36.1 54.1#



#93

1,2,4-Trichlorobenzene

Concen: 1.158 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN053152.D

Acq: 23 Dec 2018 00:46

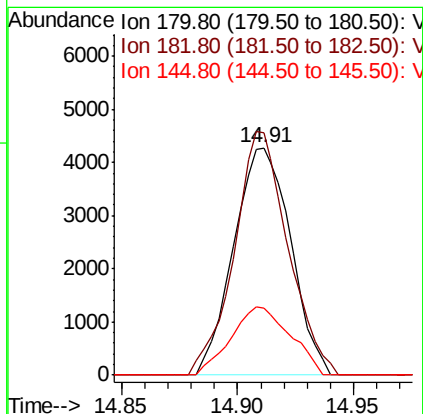
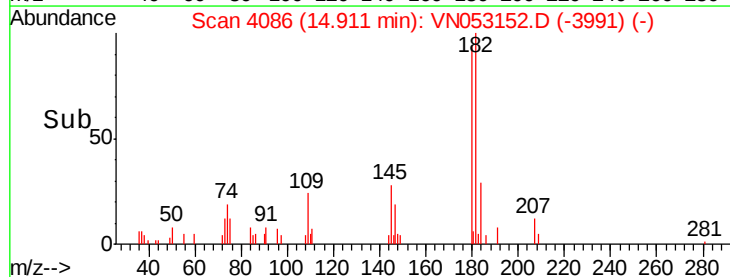
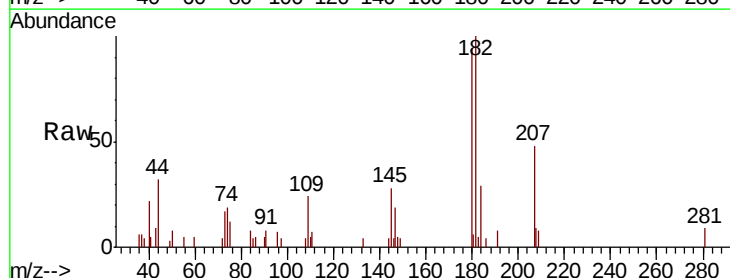
Tgt Ion: 180 Resp: 7288

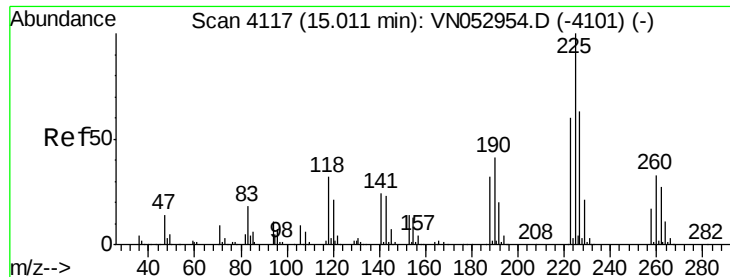
Ion Ratio Lower Upper

180 100

182 101.0 47.8 143.3

145 31.3 14.2 42.6





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4118

Delta R.T. 0.00 min

Lab File: VN053152.D

Acq: 23 Dec 2018 00:46

Instrument :

MSVOA_N

ClientSampleId :

P001-SS026-0612-01ME

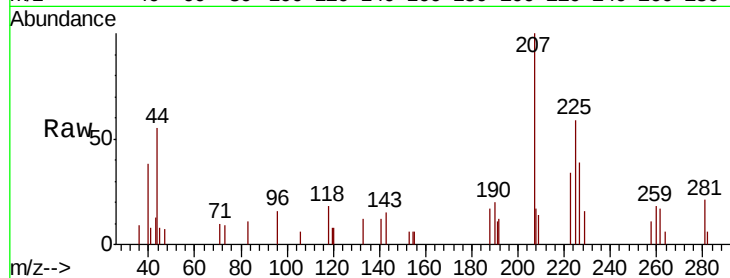
Tot Ion:225 Resp: 2604

Ion Ratio Lower Upper

225 100

223 58.8 31.5 94.5

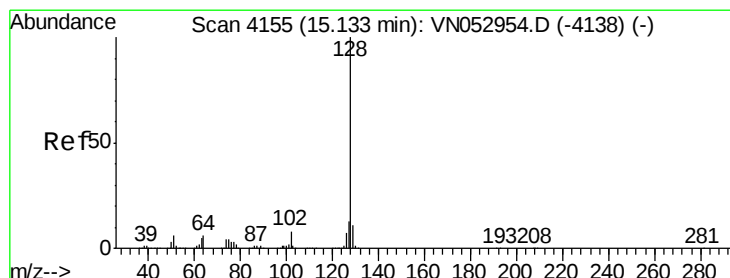
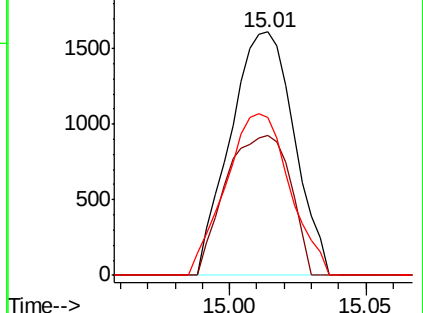
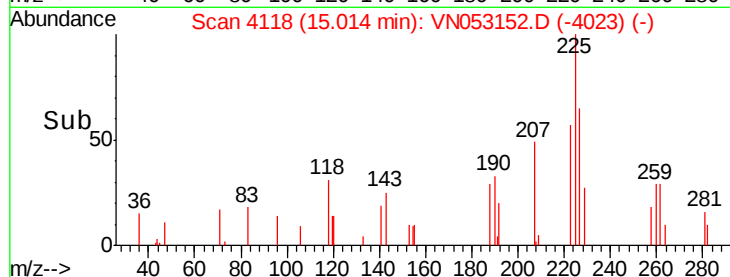
227 66.8 31.9 95.7



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 1.943 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN053152.D

Acq: 23 Dec 2018 00:46

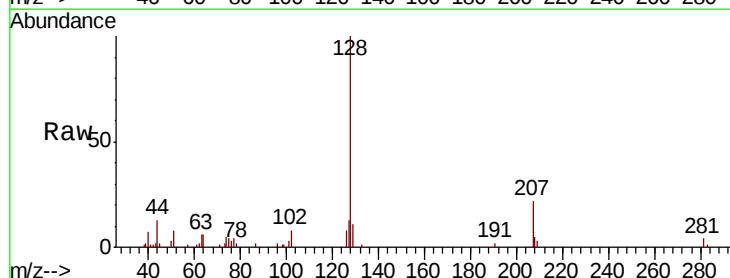
Tgt Ion:128 Resp: 22893

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.4

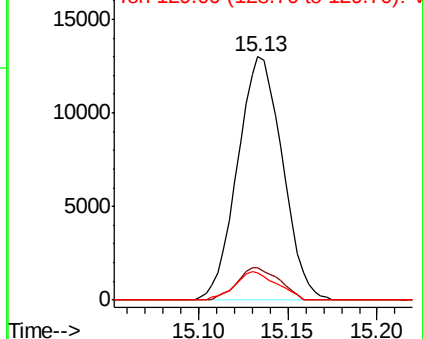
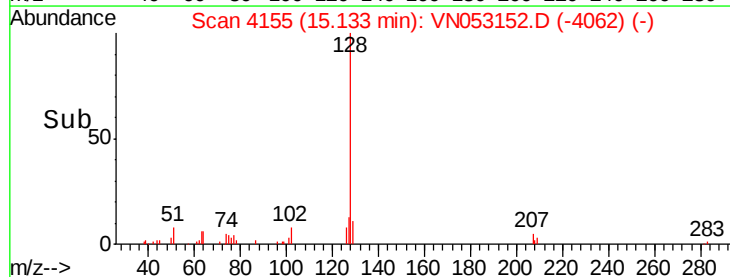
129 10.9 8.6 13.0

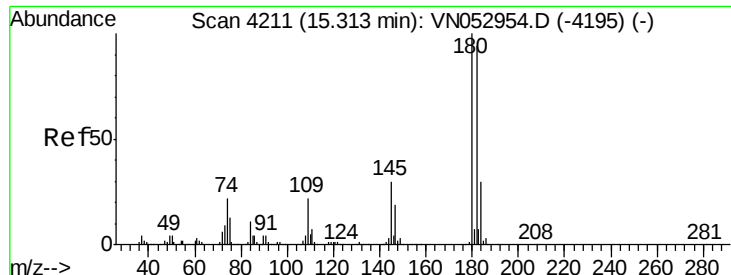


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

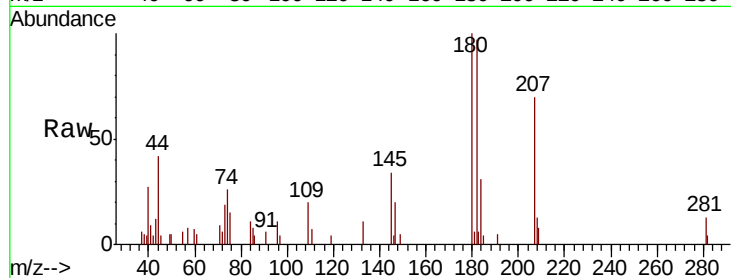




#96
 1,2,3-Trichlorobenzene
 Concen: 1.186 ug/l
 RT: 15.32 min Scan# 4213
 Delta R.T. 0.01 min
 Lab File: VN053152.D
 Acq: 23 Dec 2018 00:46

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SS026-0612-01ME

Tot Ion	Ratio	Lower	Upper
180	100		
182	91.9	47.9	143.7
145	31.0	15.0	45.0



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

