

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122218\
 Data File : VN053144.D
 Acq On : 22 Dec 2018 20:19
 Operator : MD\SY
 Sample : J6446-02 10X
 Misc : 5.07g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 22 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SS025-1218-02

Quant Time: Dec 23 23:09:07 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	1242191	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1915300	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1733616	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	767264	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	618141	49.04	ug/l	0.00
Spiked Amount			Recovery	=	98.08%	
35) Dibromofluoromethane	7.59	113	504572	57.67	ug/l	0.00
Spiked Amount			Recovery	=	115.34%	
50) Toluene-d8	10.09	98	2335157	49.72	ug/l	0.00
Spiked Amount			Recovery	=	99.44%	
62) 4-Bromofluorobenzene	12.40	95	819197	49.68	ug/l	0.00
Spiked Amount			Recovery	=	99.36%	

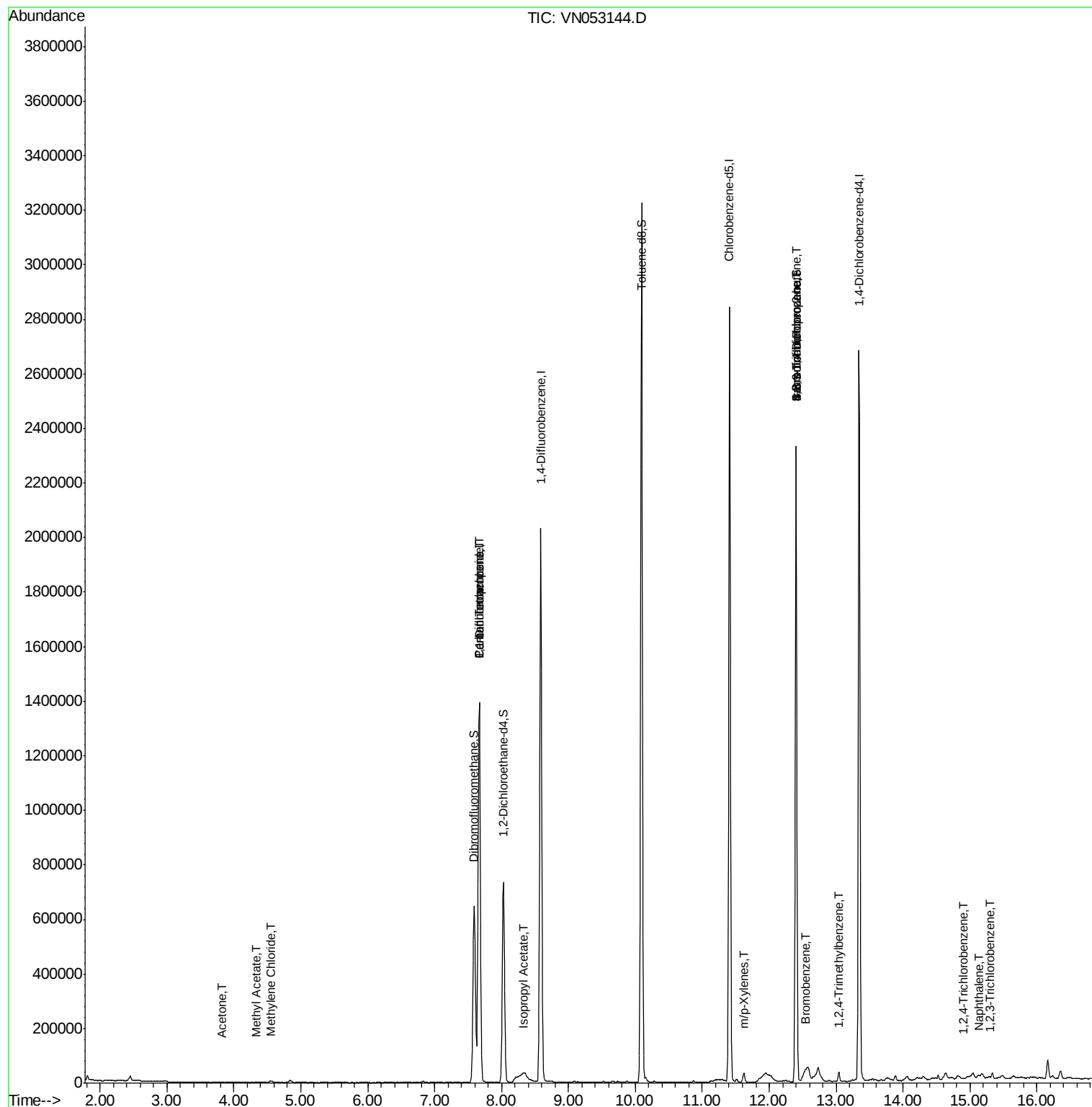
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	1881	0.761	ug/l	96
18) Methyl Acetate	4.34	43	5031	1.432	ug/l #	69
20) Methylene Chloride	4.55	84	5110	0.379	ug/l	85
31) Cyclohexane	7.66	56	20705	Below Cal	#	1
36) 1,1-Dichloropropene	7.67	75	79219	4.309	ug/l #	48
38) Carbon Tetrachloride	7.67	117	106220	6.304	ug/l #	16
43) Isopropyl Acetate	8.32	43	69903	2.528	ug/l #	53
68) m/p-Xylenes	11.62	106	11097	0.442	ug/l	97
71) Bromoform	12.40	173	5092	0.527	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	379520	29.383	ug/l #	100
77) Bromobenzene	12.53	156	27727	1.777	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.40	75	379520	94.706	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.04	105	22347	0.454	ug/l	99
93) 1,2,4-Trichlorobenzene	14.90	180	126	0.605	ug/l #	1
95) Naphthalene	15.13	128	7487	1.389	ug/l #	82
96) 1,2,3-Trichlorobenzene	15.30	180	64	0.513	ug/l #	1

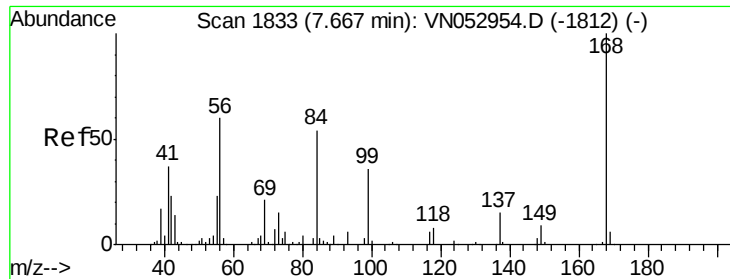
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN122218\
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Acq On : 22 Dec 2018 20:19
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P001-SS025-1218-02

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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: VN053144.D

Acq: 22 Dec 2018 20:19

Instrument :

MSVOA_N

ClientSampleId :

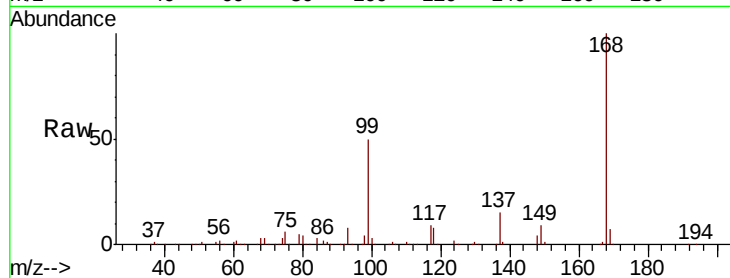
P001-SS025-1218-02

Tot Ion:168 Resp: 1242191

Ion Ratio Lower Upper

168 100

99 49.8 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

600000

500000

400000

300000

200000

100000

0

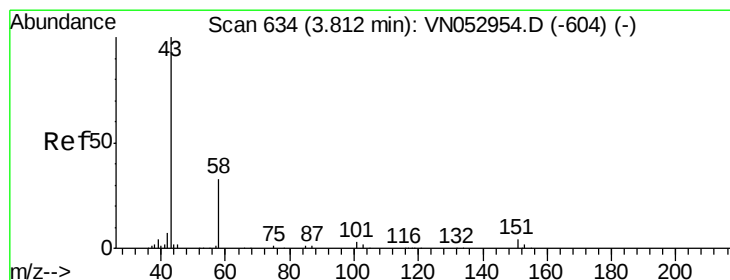
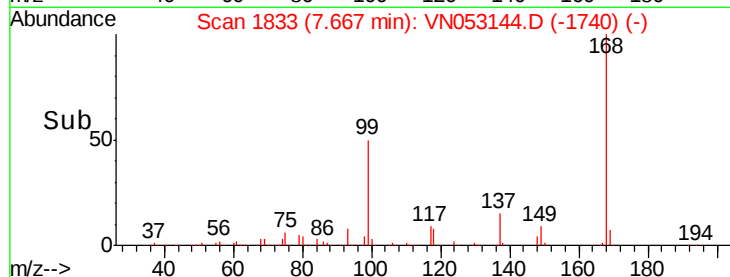
7.67

7.60

7.70

7.80

Time-->



#16

Acetone

Concen: 0.761 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.02 min

Lab File: VN053144.D

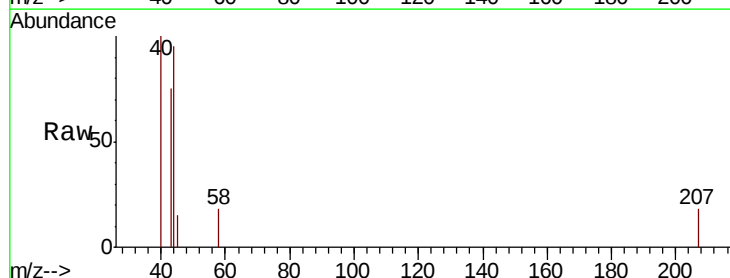
Acq: 22 Dec 2018 20:19

Tgt Ion: 43 Resp: 1881

Ion Ratio Lower Upper

43 100

58 29.6 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

1000

800

600

400

200

0

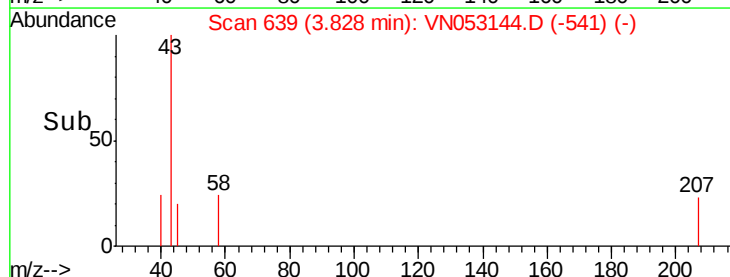
3.83

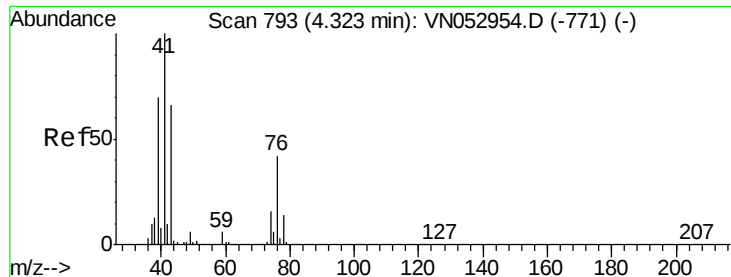
3.75

3.80

3.85

Time-->

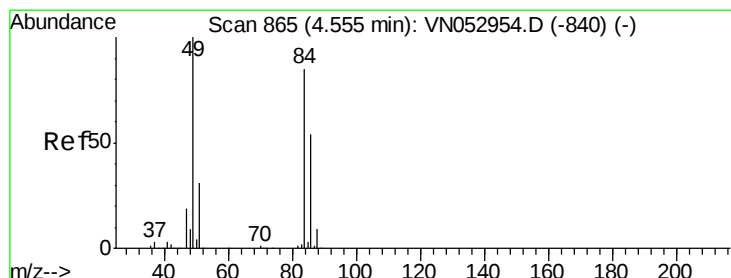
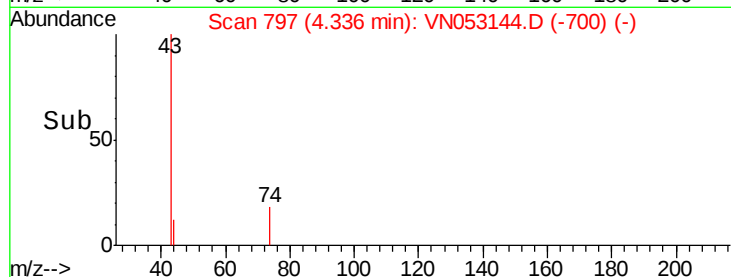
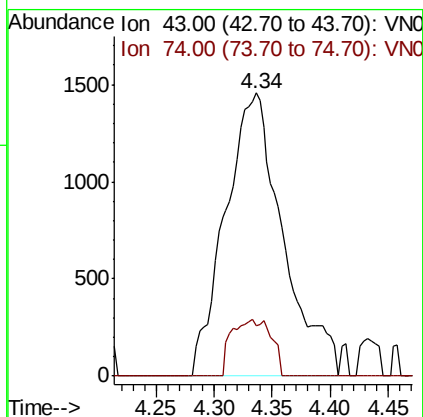
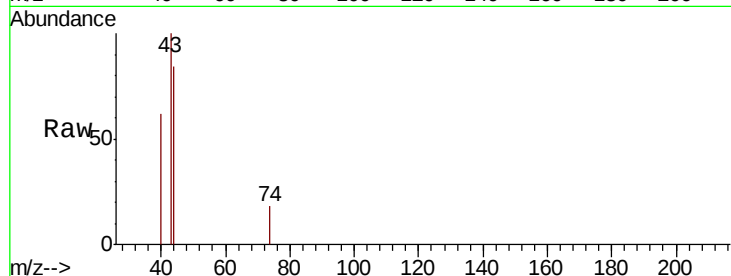




#18
Methyl Acetate
Concen: 1.432 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN053144.D
Acq: 22 Dec 2018 20:19

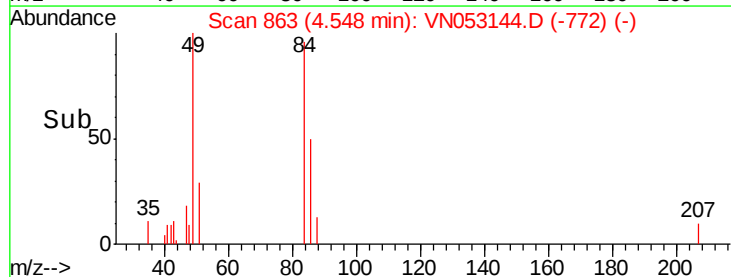
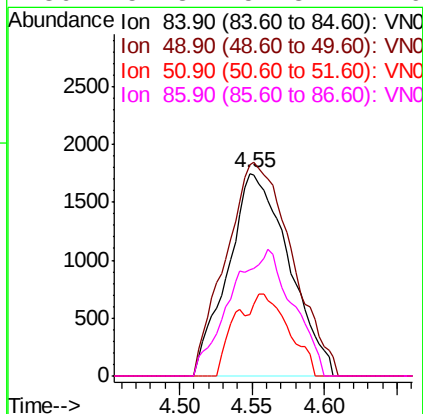
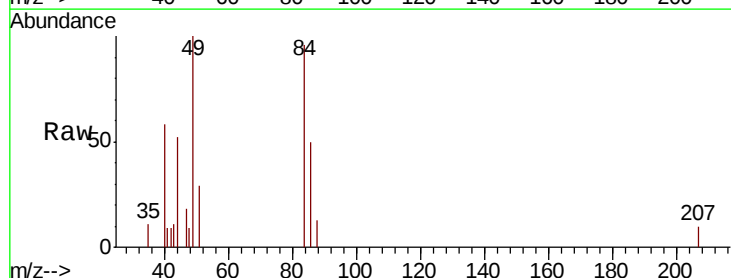
Instrument :
MSVOA_N
ClientSampleId :
P001-SS025-1218-02

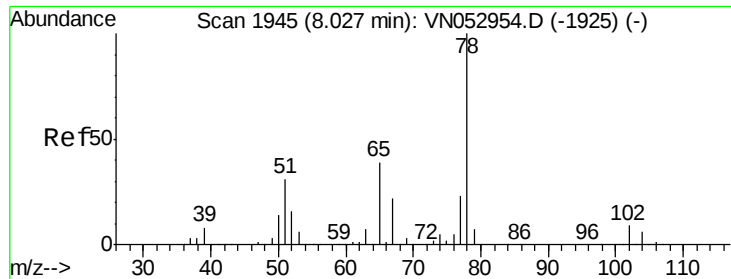
Tot Ion: 43 Resp: 5031
Ion Ratio Lower Upper
43 100
74 8.5 19.2 28.8#



#20
Methylene Chloride
Concen: 0.379 ug/l
RT: 4.55 min Scan# 863
Delta R.T. -0.01 min
Lab File: VN053144.D
Acq: 22 Dec 2018 20:19

Tgt Ion: 84 Resp: 5110
Ion Ratio Lower Upper
84 100
49 104.5 96.8 145.2
51 30.1 29.9 44.9
86 52.3 51.8 77.6

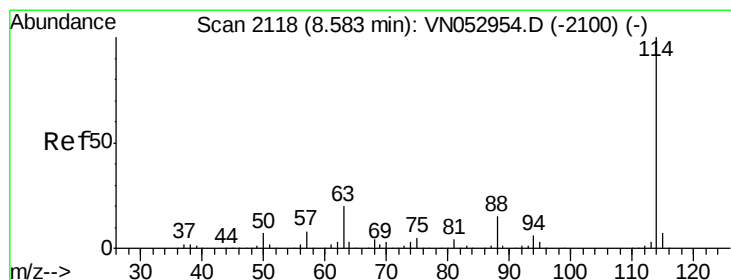
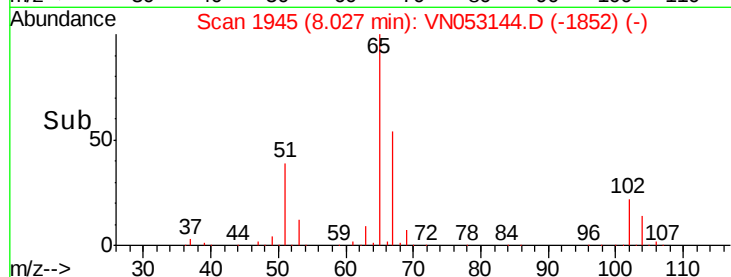
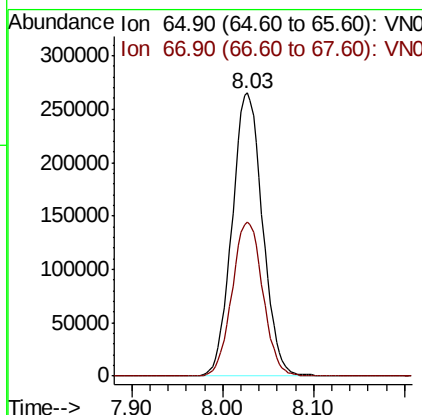
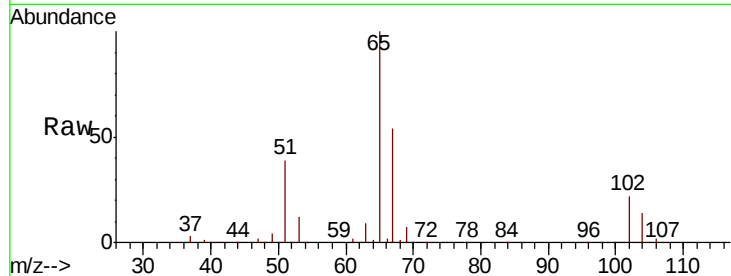




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN053144.D
 Acq: 22 Dec 2018 20:19

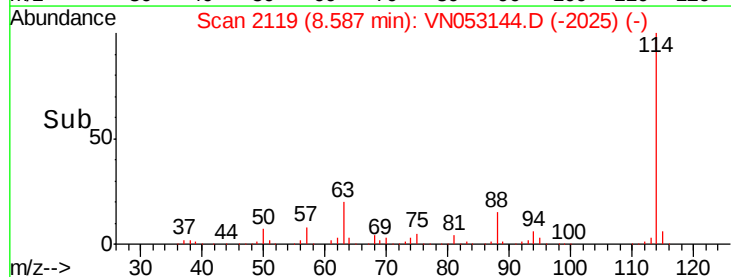
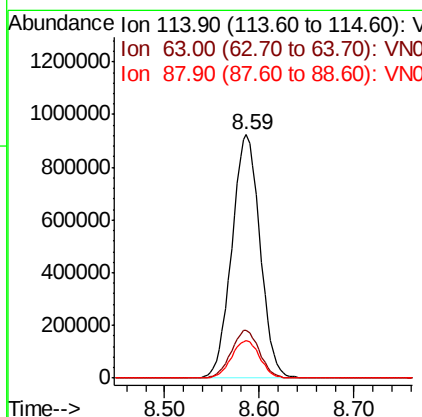
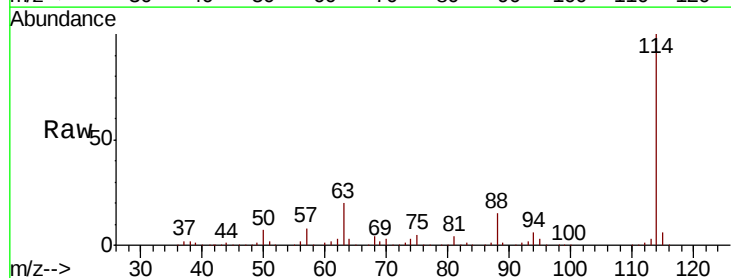
Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SS025-1218-02

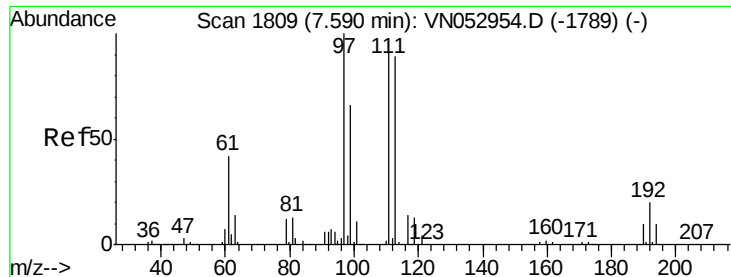
Tot Ion: 65 Resp: 618141
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053144.D
 Acq: 22 Dec 2018 20:19

Tgt Ion: 114 Resp: 1915300
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.8
 88 15.3 0.0 31.0

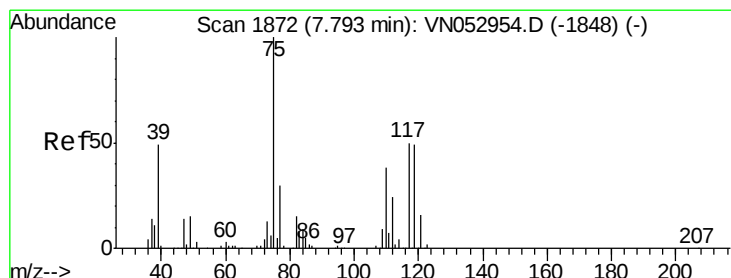
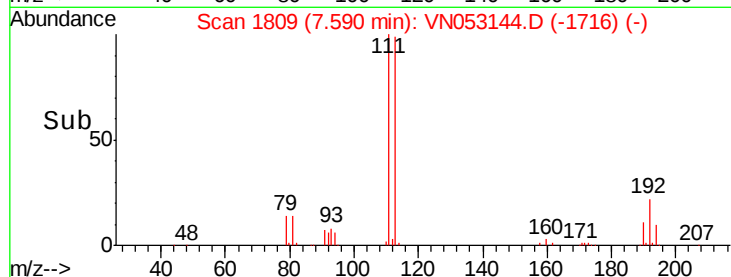
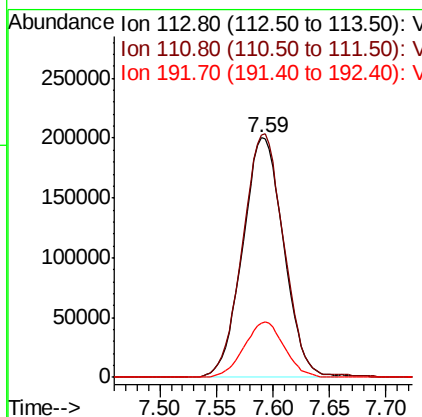
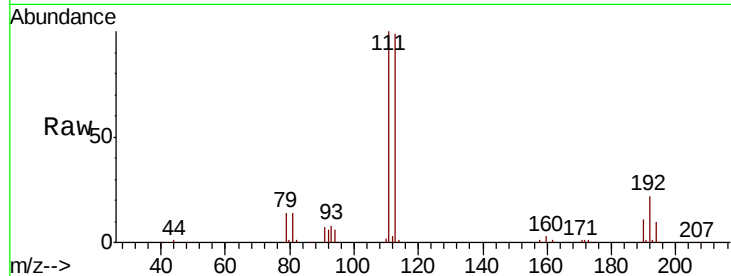




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN053144.D
 Acq: 22 Dec 2018 20:19

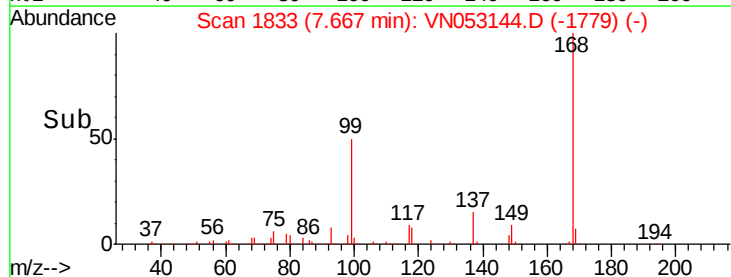
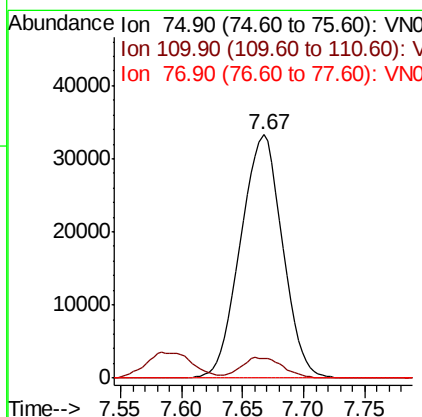
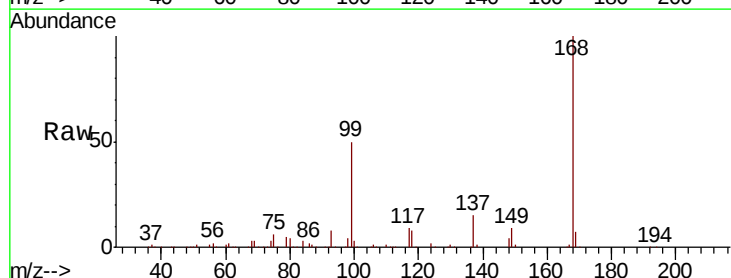
Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SS025-1218-02

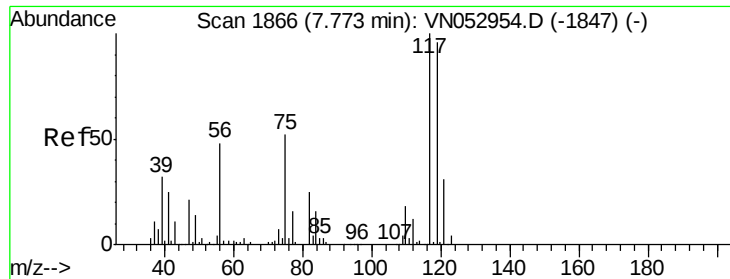
Tot Ion:113 Resp: 504572
 Ion Ratio Lower Upper
 113 100
 111 102.9 83.0 124.4
 192 22.8 17.5 26.3



#36
 1,1-Dichloropropene
 Concen: 4.309 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN053144.D
 Acq: 22 Dec 2018 20:19

Tgt Ion: 75 Resp: 79219
 Ion Ratio Lower Upper
 75 100
 110 8.1 18.2 54.6#
 77 0.0 24.9 37.3#





#38

Carbon Tetrachloride

Concen: 6.304 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN053144.D

Acq: 22 Dec 2018 20:19

Instrument :

MSVOA_N

ClientSampleId :

P001-SS025-1218-02

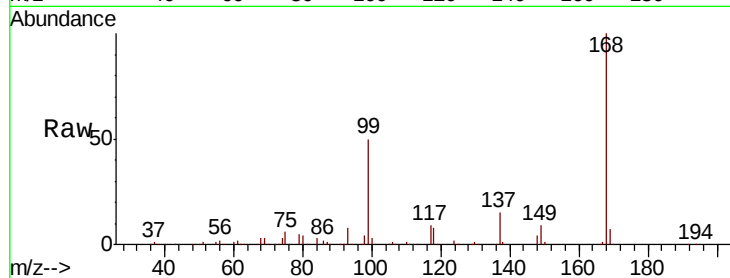
Tot Ion:117 Resp: 106220

Ion Ratio Lower Upper

117 100

119 5.4 77.1 115.7#

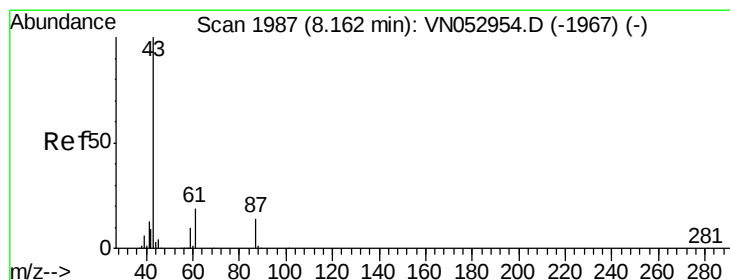
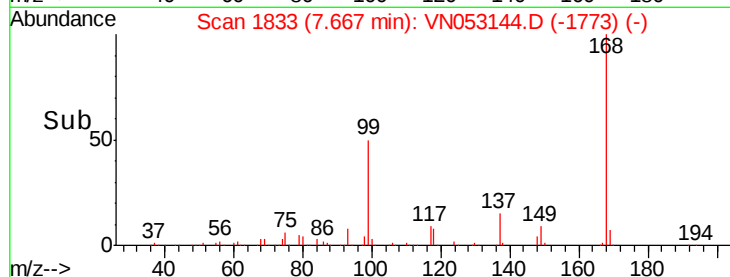
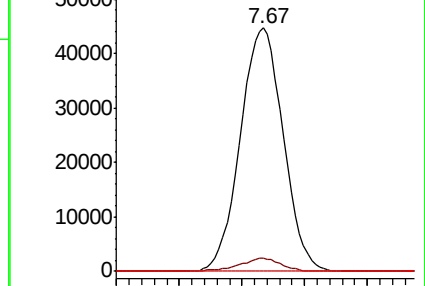
121 0.0 24.9 37.3#



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



#43

Isopropyl Acetate

Concen: 2.528 ug/l

RT: 8.32 min Scan# 2037

Delta R.T. 0.16 min

Lab File: VN053144.D

Acq: 22 Dec 2018 20:19

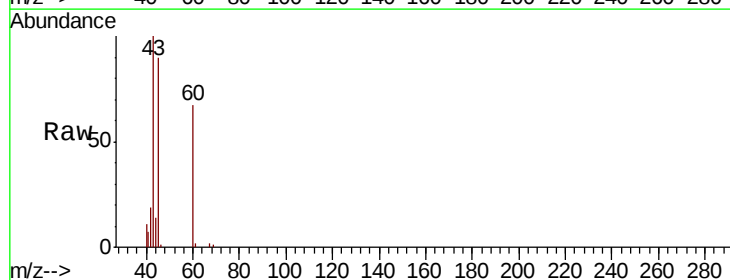
Tgt Ion: 43 Resp: 69903

Ion Ratio Lower Upper

43 100

61 0.5 22.9 34.3#

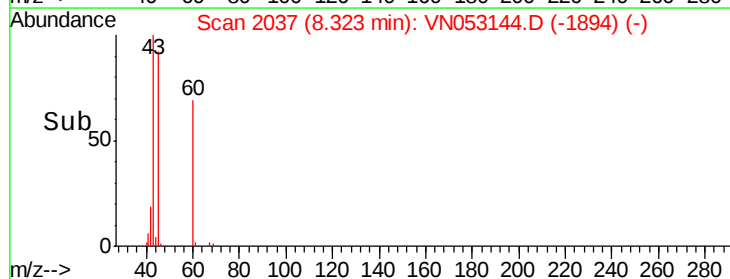
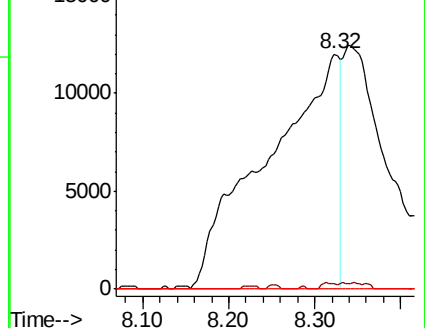
87 0.0 10.6 15.8#

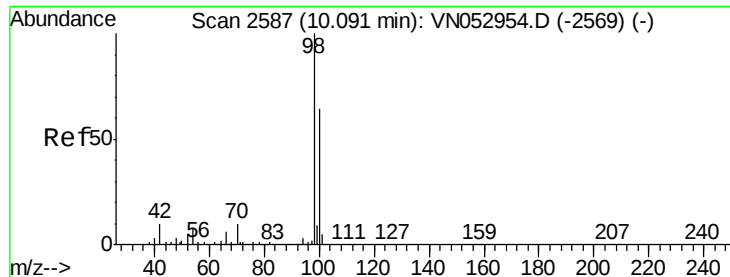


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053144.D

Acq: 22 Dec 2018 20:19

Instrument :

MSVOA_N

ClientSampleId :

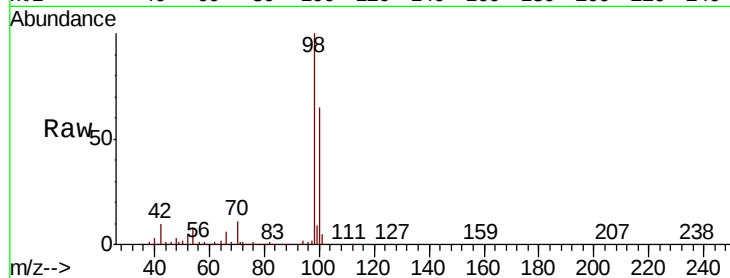
P001-SS025-1218-02

Tot Ion: 98 Resp: 2335157

Ion Ratio Lower Upper

98 100

100 64.5 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN053144.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN053144.D (-2494) (-)

10.09

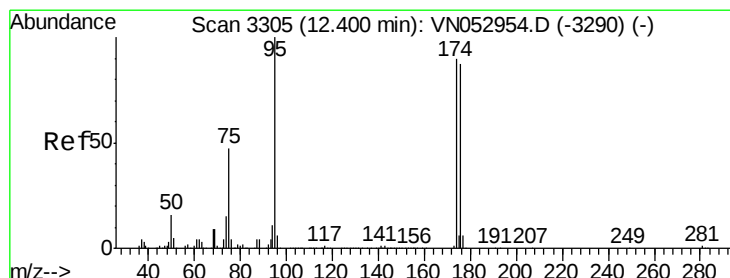
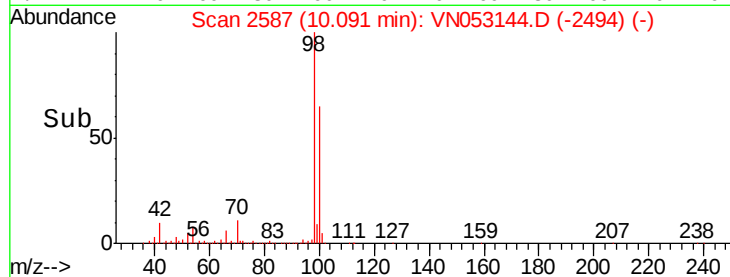
1500000

1000000

500000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053144.D

Acq: 22 Dec 2018 20:19

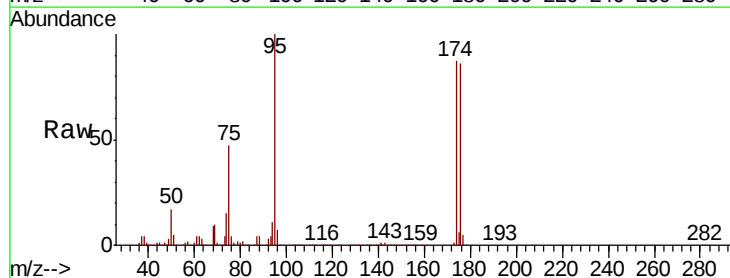
Tgt Ion: 95 Resp: 819197

Ion Ratio Lower Upper

95 100

174 88.1 0.0 178.8

176 85.9 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VN053144.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN053144.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN053144.D (-3212) (-)

12.40

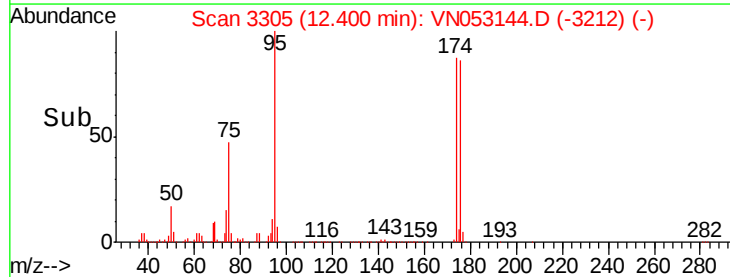
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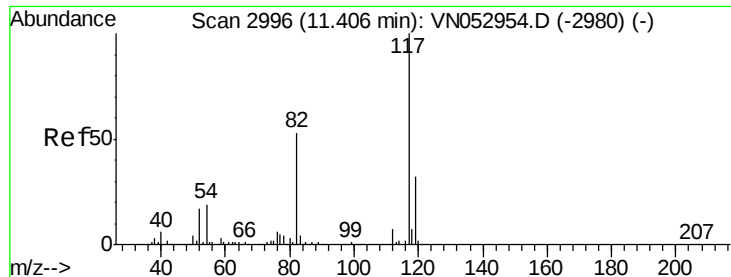
400000

200000

0

Time-->

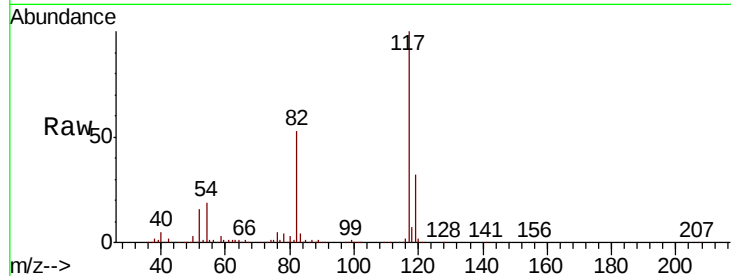




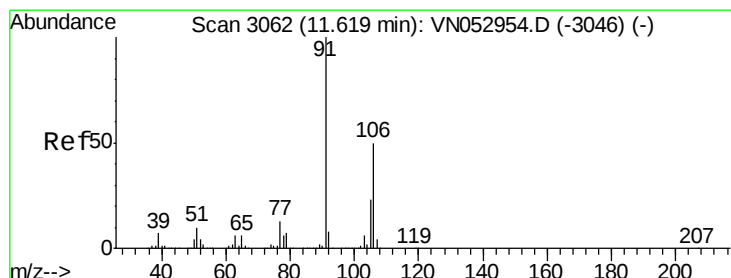
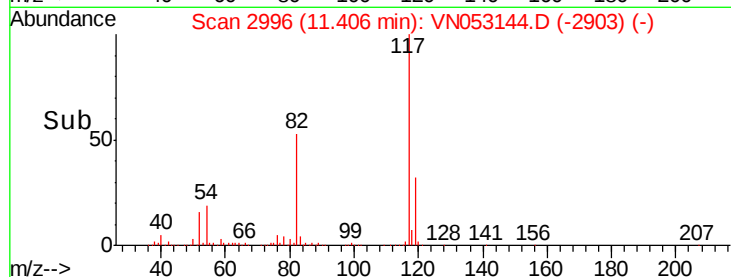
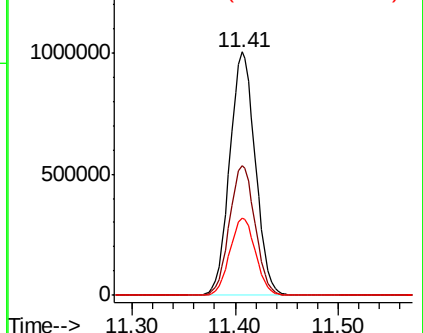
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053144.D
Acq: 22 Dec 2018 20:19

Instrument :
MSVOA_N
ClientSampleId :
P001-SS025-1218-02

Tot Ion:117 Resp: 1733616
Ion Ratio Lower Upper
117 100
82 53.5 42.8 64.2
119 31.9 25.5 38.3

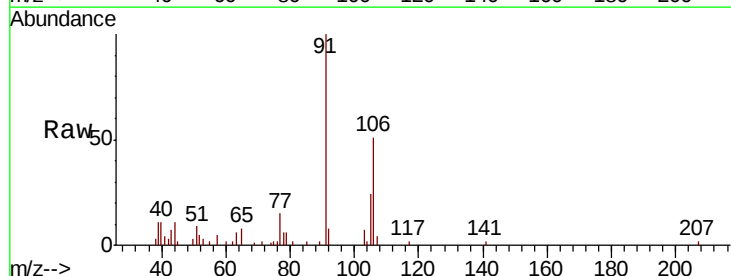


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

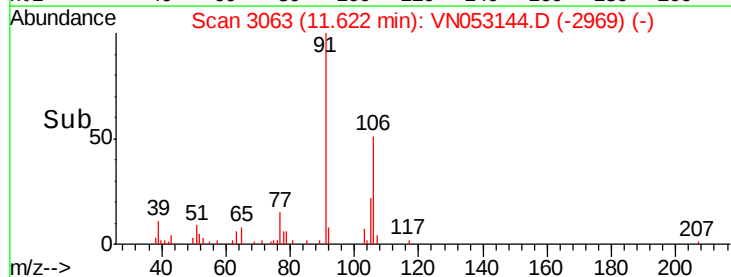
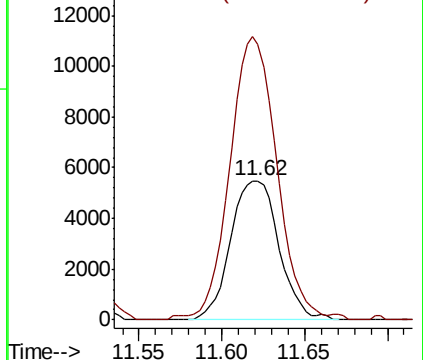


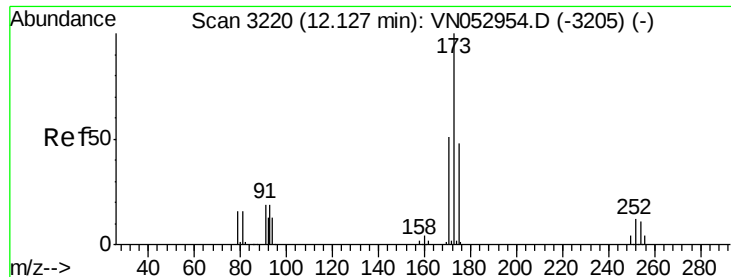
#68
m/p-Xylenes
Concen: 0.442 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN053144.D
Acq: 22 Dec 2018 20:19

Tgt Ion:106 Resp: 11097
Ion Ratio Lower Upper
106 100
91 198.8 162.2 243.4



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

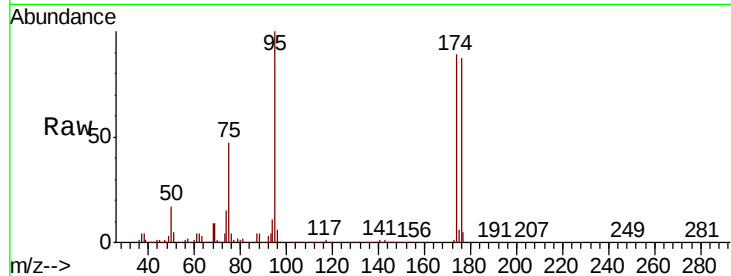




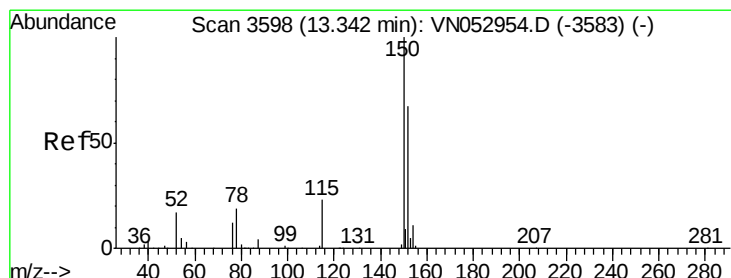
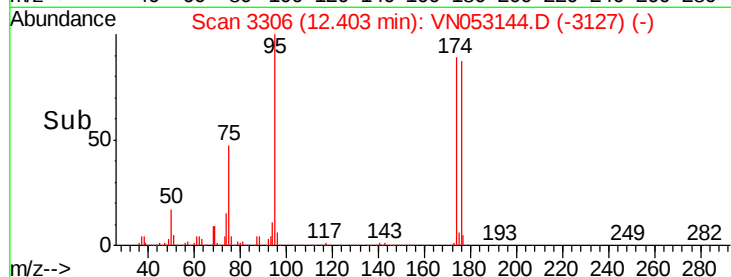
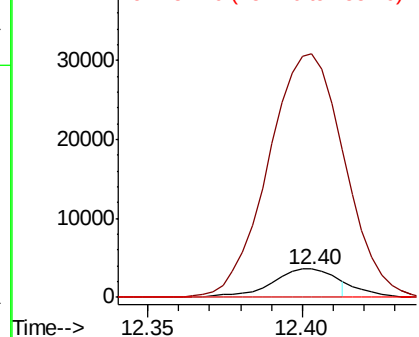
#71
Bromoform
Concen: 0.527 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN053144.D
Acq: 22 Dec 2018 20:19

Instrument :
MSVOA_N
ClientSampleId :
P001-SS025-1218-02

Tot Ion:173 Resp: 5092
Ion Ratio Lower Upper
173 100
175 913.4 24.3 72.9#
254 0.0 0.1 0.1#

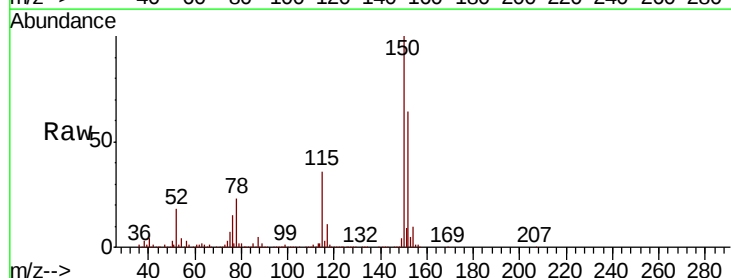


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

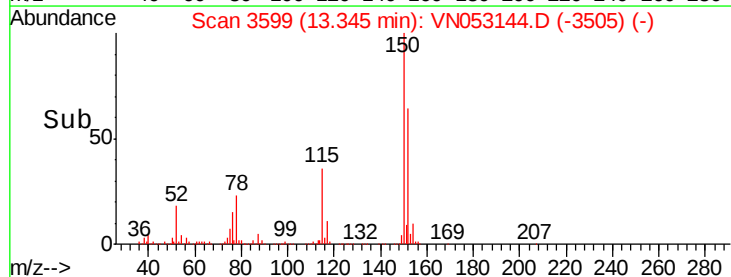
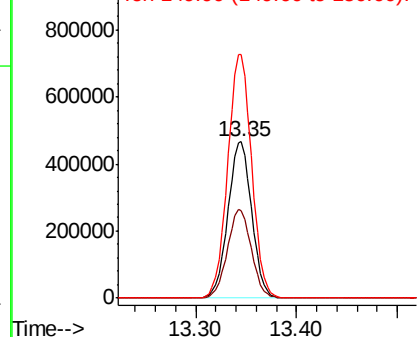


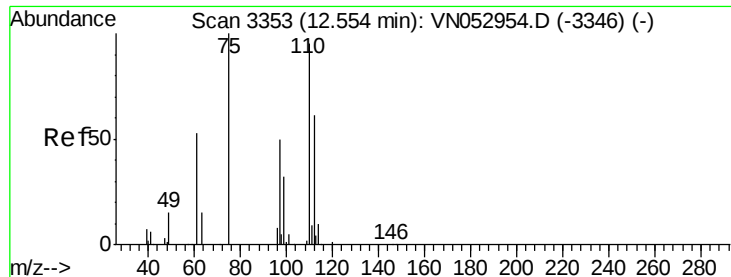
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053144.D
Acq: 22 Dec 2018 20:19

Tgt Ion:152 Resp: 767264
Ion Ratio Lower Upper
152 100
115 57.1 28.3 85.0
150 156.6 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: 29.383 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053144.D

Acq: 22 Dec 2018 20:19

Instrument :

MSVOA_N

ClientSampleId :

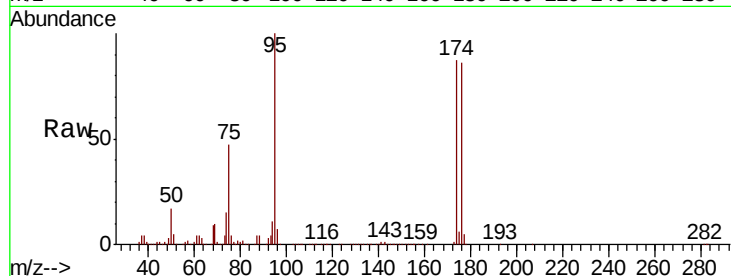
P001-SS025-1218-02

Tot Ion: 75 Resp: 379520

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN052954.D (-3346) (-)

Ion 77.00 (76.70 to 77.70): VN052954.D (-3346) (-)

12.40

250000

200000

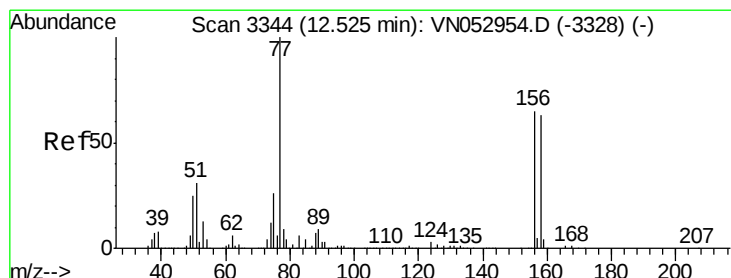
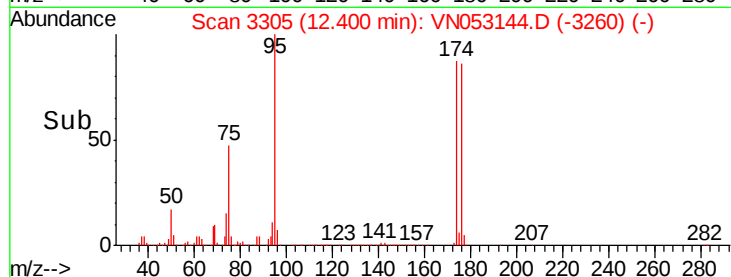
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#77

Bromobenzene

Concen: 1.777 ug/l

RT: 12.53 min Scan# 3347

Delta R.T. 0.01 min

Lab File: VN053144.D

Acq: 22 Dec 2018 20:19

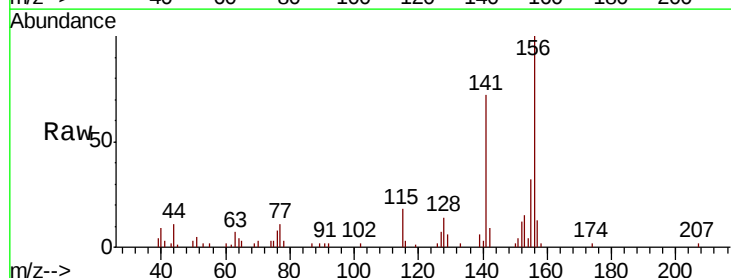
Tgt Ion: 156 Resp: 27727

Ion Ratio Lower Upper

156 100

77 8.9 91.3 273.8#

158 0.6 49.0 147.2#



Abundance Ion 155.80 (155.50 to 156.50): VN052954.D (-3328) (-)

Ion 77.00 (76.70 to 77.70): VN052954.D (-3328) (-)

Ion 157.80 (157.50 to 158.50): VN052954.D (-3328) (-)

12.53

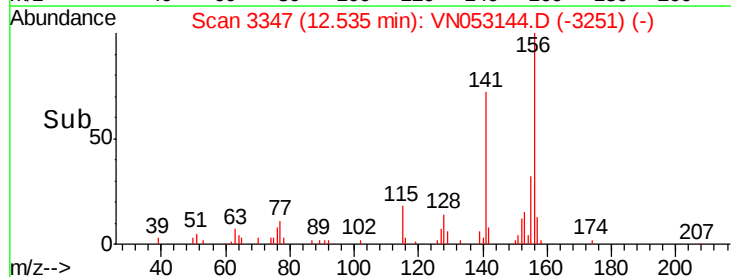
15000

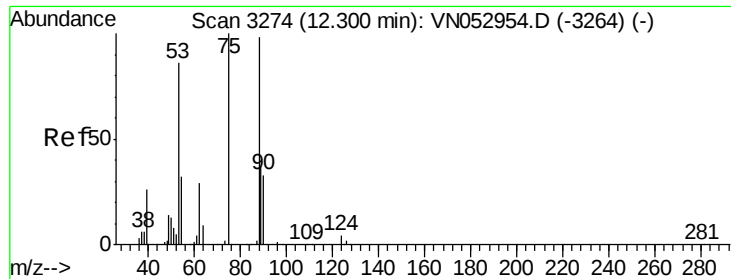
10000

5000

0

Time--> 12.40 12.45 12.50 12.55





#81

trans-1,4-Dichloro-2-butene

Concen: 94.706 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053144.D

Acq: 22 Dec 2018 20:19

Instrument :

MSVOA_N

ClientSampleId :

P001-SS025-1218-02

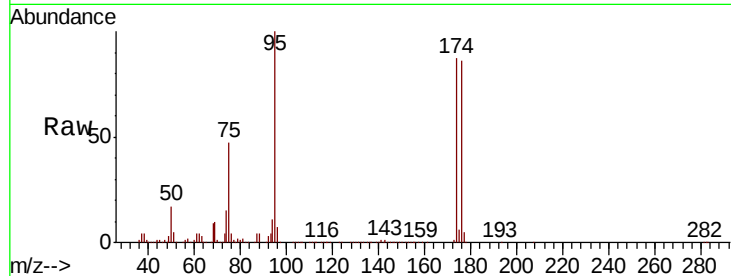
Tot Ion: 75 Resp: 379520

Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

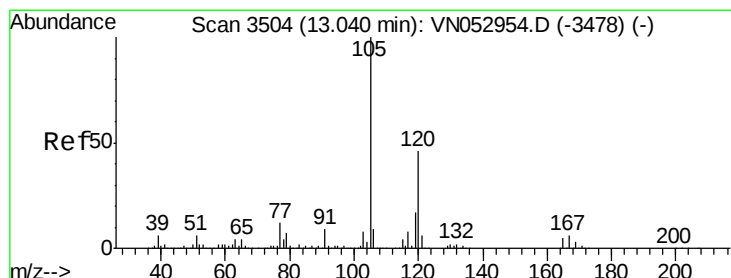
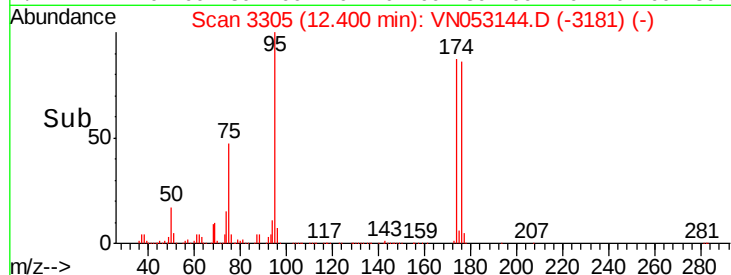
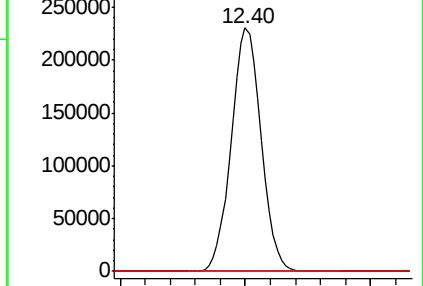
89 0.0 36.1 54.1#



Abundance Ion 74.90 (74.60 to 75.60): VN052954.D (-3264) (-)

Ion 53.00 (52.70 to 53.70): VN052954.D (-3264) (-)

Ion 88.90 (88.60 to 89.60): VN052954.D (-3264) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.454 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. 0.00 min

Lab File: VN053144.D

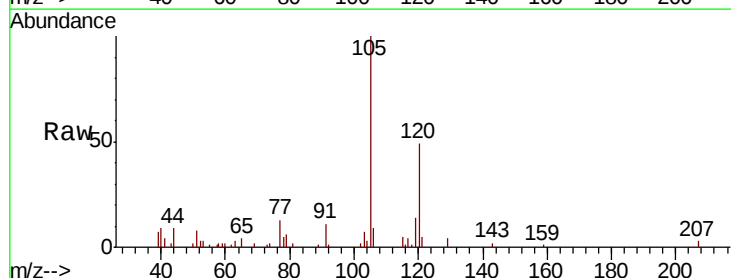
Acq: 22 Dec 2018 20:19

Tgt Ion: 105 Resp: 22347

Ion Ratio Lower Upper

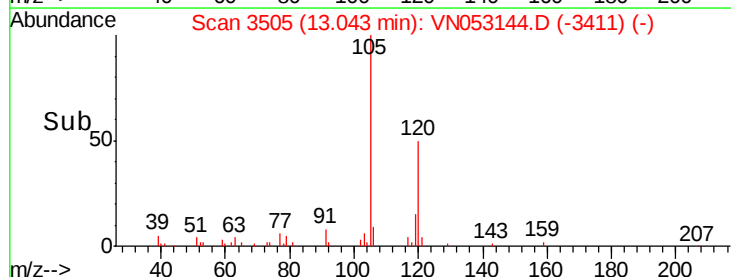
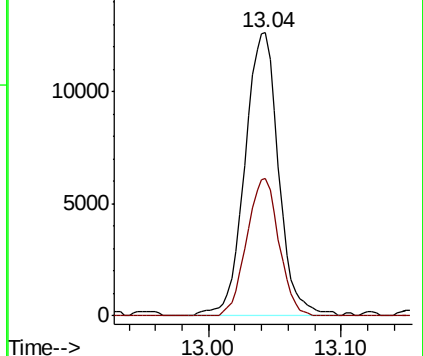
105 100

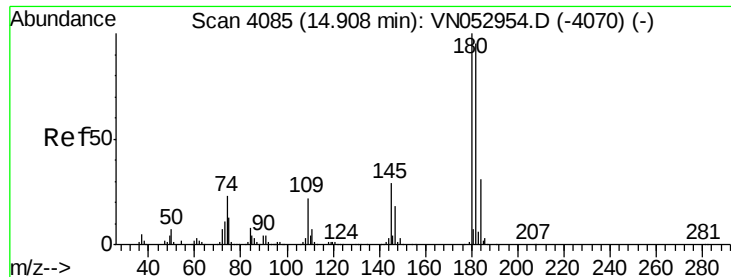
120 46.3 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): VN052954.D (-3478) (-)

Ion 120.00 (119.70 to 120.70): VN052954.D (-3478) (-)

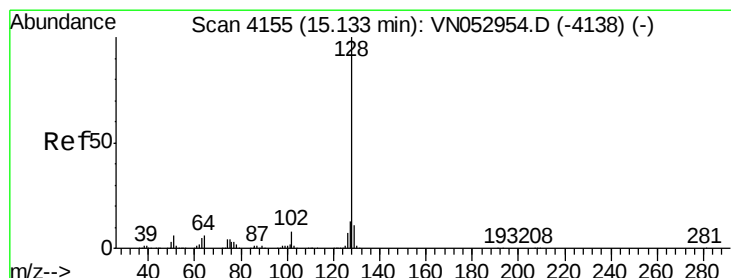
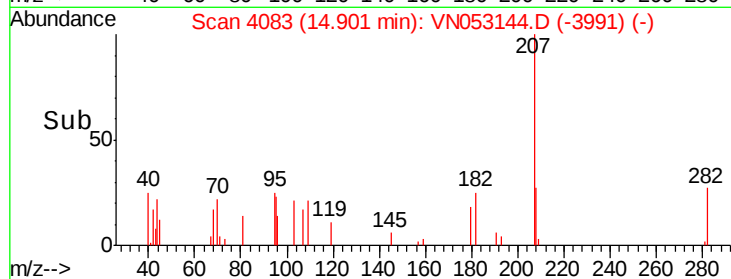
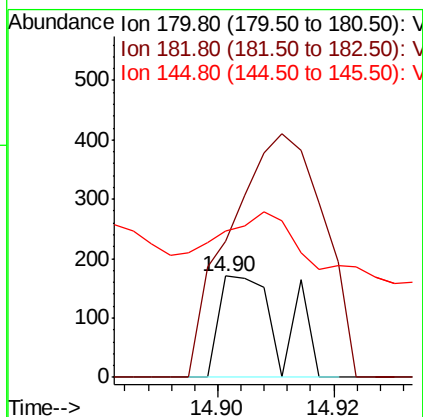
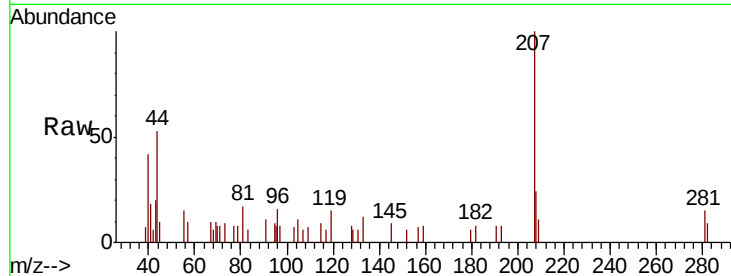




#93
 1,2,4-Trichlorobenzene
 Concen: 0.605 ug/l
 RT: 14.90 min Scan# 4083
 Delta R.T. -0.01 min
 Lab File: VN053144.D
 Acq: 22 Dec 2018 20:19

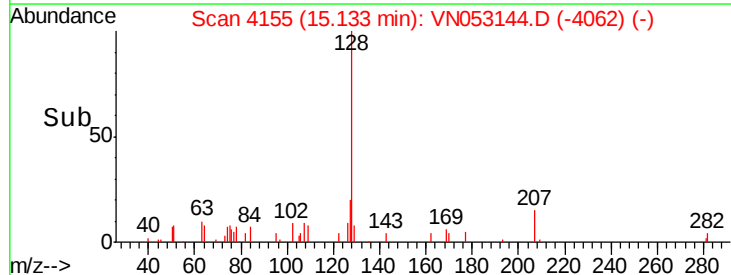
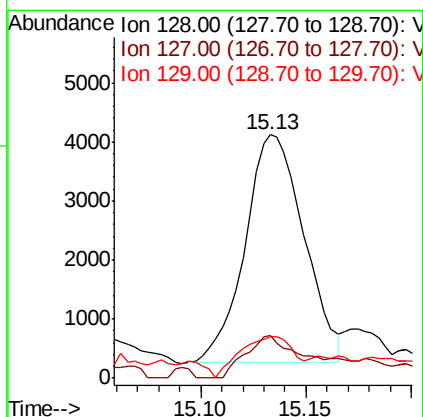
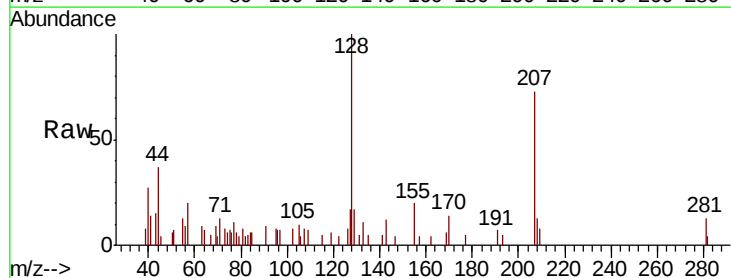
Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SS025-1218-02

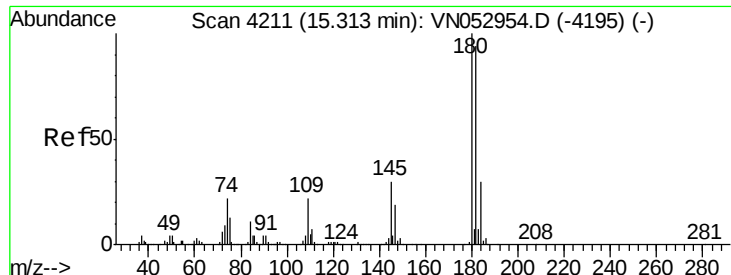
Tot Ion:180 Resp: 126
 Ion Ratio Lower Upper
 180 100
 182 365.1 47.8 143.3#
 145 0.0 14.2 42.6#



#95
 Naphthalene
 Concen: 1.389 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. -0.00 min
 Lab File: VN053144.D
 Acq: 22 Dec 2018 20:19

Tgt Ion:128 Resp: 7487
 Ion Ratio Lower Upper
 128 100
 127 20.5 10.2 15.4#
 129 16.6 8.6 13.0#

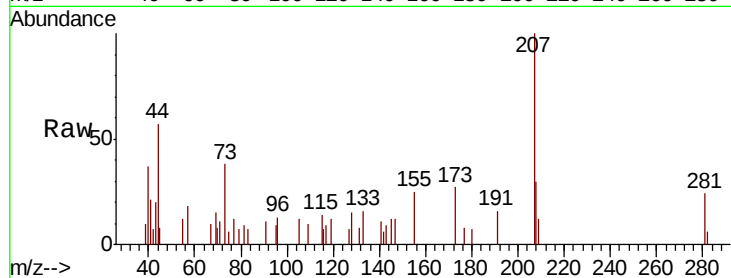




#96
 1,2,3-Trichlorobenzene
 Concen: 0.513 ug/l
 RT: 15.30 min Scan# 4208
 Delta R.T. -0.01 min
 Lab File: VN053144.D
 Acq: 22 Dec 2018 20:19

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SS025-1218-02

Tot Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.9	143.7#
145	812.5	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

