

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122418\
 Data File : VN053178.D
 Acq On : 24 Dec 2018 12:06
 Operator : MD\SY
 Sample : J6426-18MEDL 10X
 Misc : 6.42g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SS019-1824-01MEDL

Quant Time: Dec 24 22:26:35 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	1228143	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1893388	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1740529	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	807889	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	606427	48.66	ug/l	0.00
Spiked Amount			Recovery	=	97.32%	
35) Dibromofluoromethane	7.59	113	524385	60.63	ug/l	0.00
Spiked Amount			Recovery	=	121.26%	
50) Toluene-d8	10.09	98	2341683	50.43	ug/l	0.00
Spiked Amount			Recovery	=	100.86%	
62) 4-Bromofluorobenzene	12.40	95	829625	50.90	ug/l	0.00
Spiked Amount			Recovery	=	101.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	1659	0.679	ug/l	99
18) Methyl Acetate	4.32	43	1245	1.102	ug/l	97
20) Methylene Chloride	4.56	84	7766	0.583	ug/l	93
24) 1,1-Dichloroethane	5.85	63	19530	0.849	ug/l	98
36) 1,1-Dichloropropene	7.66	75	81016	4.458	ug/l #	48
38) Carbon Tetrachloride	7.67	117	106771	6.410	ug/l #	15
39) Methylcyclohexane	9.08	83	16052	0.727	ug/l	95
42) 1,2-Dichloroethane	8.13	62	17314	1.084	ug/l	100
43) Isopropyl Acetate	8.21	43	10268	Below Cal	#	53
51) 4-Methyl-2-Pentanone	9.98	43	4219	0.429	ug/l	99
52) Toluene	10.16	92	309484	9.237	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	7311	0.625	ug/l #	19
59) 2-Hexanone	10.72	43	16127	2.426	ug/l #	29
64) Tetrachloroethene	10.63	164	7968	0.423	ug/l	91
67) Ethyl Benzene	11.51	91	180505	2.720	ug/l	98
68) m/p-Xylenes	11.62	106	219790	8.713	ug/l	99
69) o-Xylene	11.95	106	91689	3.788	ug/l	100
73) Isopropylbenzene	12.25	105	45951	0.727	ug/l	99
74) N-amyl acetate	12.04	43	63412	3.613	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	12.45	83	6749	0.544	ug/l #	28
76) 1,2,3-Trichloropropane	12.40	75	386626	28.428	ug/l #	100
77) Bromobenzene	12.57	156	29179	1.776	ug/l #	1
78) n-propylbenzene	12.59	91	121884	1.693	ug/l	97
79) 2-Chlorotoluene	12.65	91	42537	0.953	ug/l #	44
80) 1,3,5-Trimethylbenzene	12.73	105	259853	5.044	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	386626	91.628	ug/l #	12
82) 4-Chlorotoluene	12.73	91	29816	0.683	ug/l #	47
84) 1,2,4-Trimethylbenzene	13.04	105	817589	15.785	ug/l	100
85) sec-Butylbenzene	13.17	105	97790	1.587	ug/l	82
86) p-Isopropyltoluene	13.29	119	92001	1.728	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	357403	12.290	ug/l	96
88) 1,4-Dichlorobenzene	13.36	146	357403	12.136	ug/l	96
89) n-Butylbenzene	13.62	91	92422	2.017	ug/l #	76
90) Hexachloroethane	13.89	117	28753	3.518	ug/l #	4

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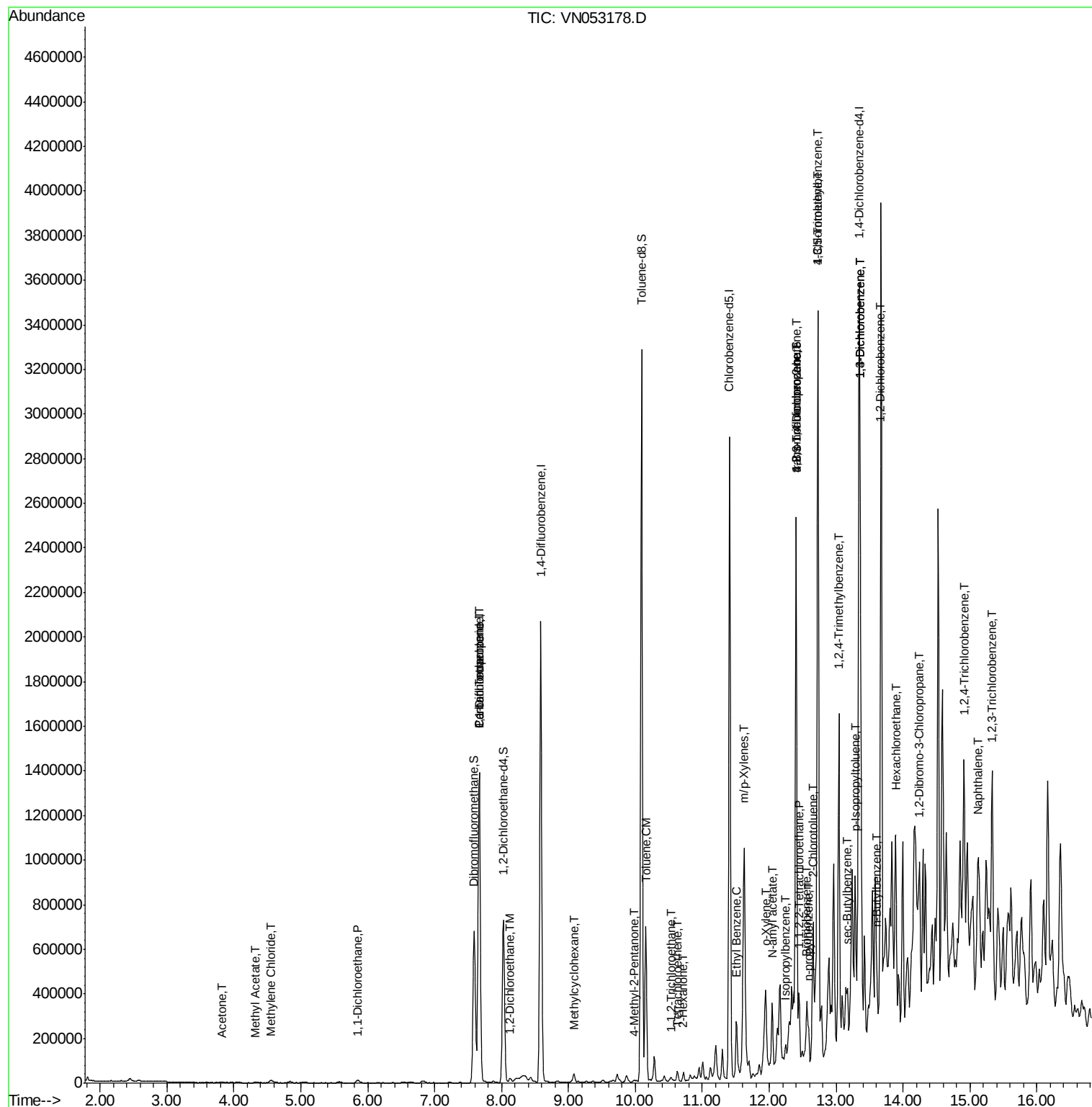
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) 1,2-Dichlorobenzene	13.65	146	11170	0.408	ug/l #	43
92) 1,2-Dibromo-3-Chloropropan	14.25	75	1934	0.902	ug/l #	2
93) 1,2,4-Trichlorobenzene	14.91	180	311487	21.821	ug/l #	91
94) Hexachlorobutadiene	15.01	225	1207	Below Cal		91
95) Naphthalene	15.13	128	321654	11.041	ug/l	98
96) 1,2,3-Trichlorobenzene	15.32	180	79110	6.505	ug/l #	67

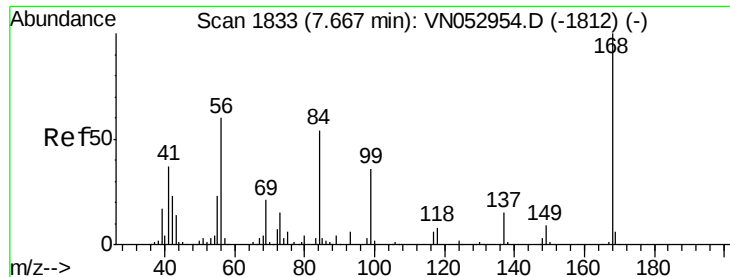
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN122418\
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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: VN053178.D

Acq: 24 Dec 2018 12:06

Instrument :

MSVOA_N

ClientSampleId :

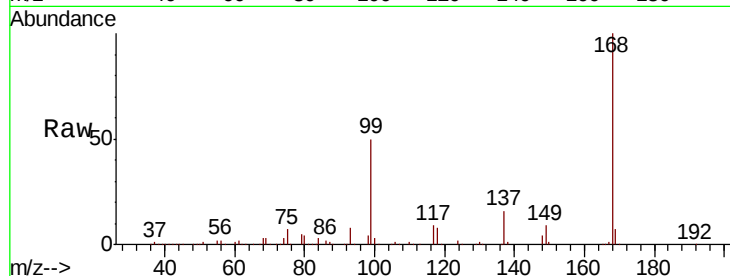
P001-SS019-1824-01MEDL

Tot Ion:168 Resp: 1228143

Ion Ratio Lower Upper

168 100

99 49.8 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

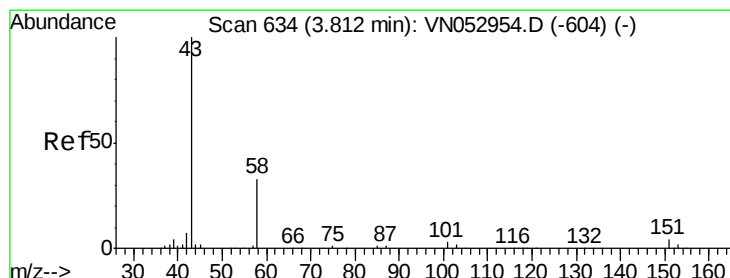
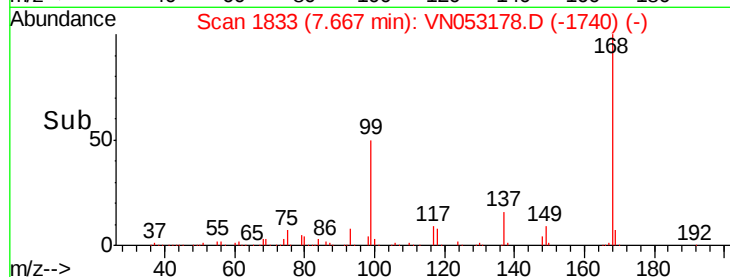
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 0.679 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN053178.D

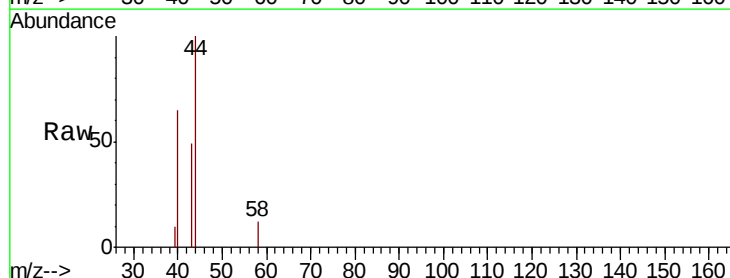
Acq: 24 Dec 2018 12:06

Tgt Ion: 43 Resp: 1659

Ion Ratio Lower Upper

43 100

58 31.3 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) (-)

3.82

800

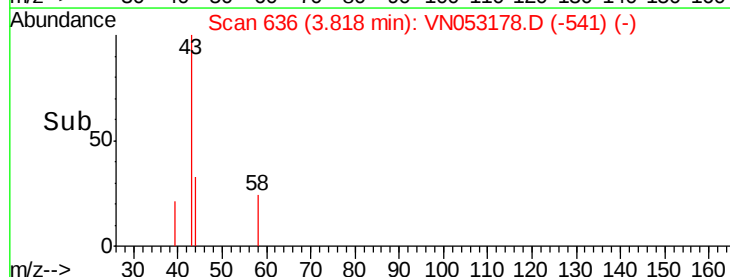
600

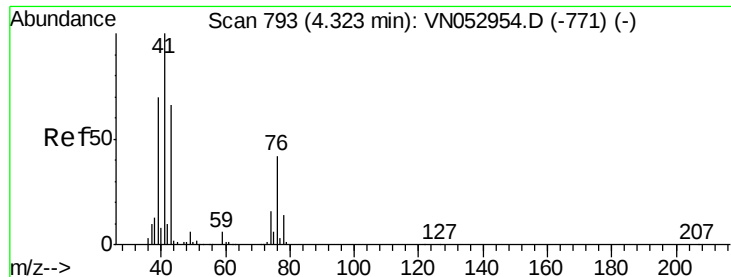
400

200

0

Time-->

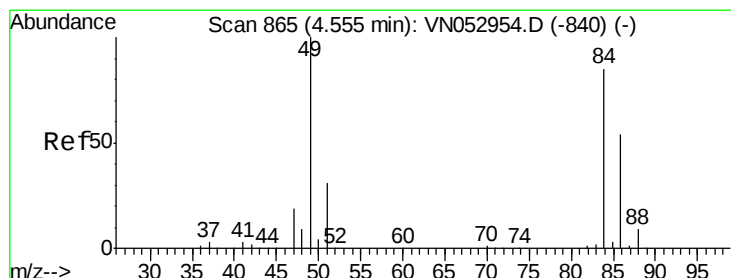
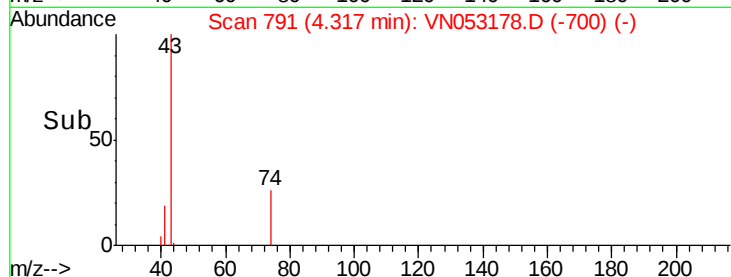
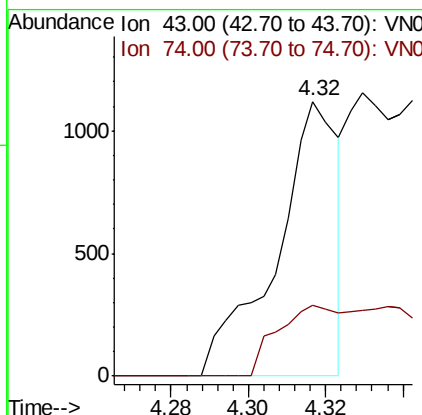
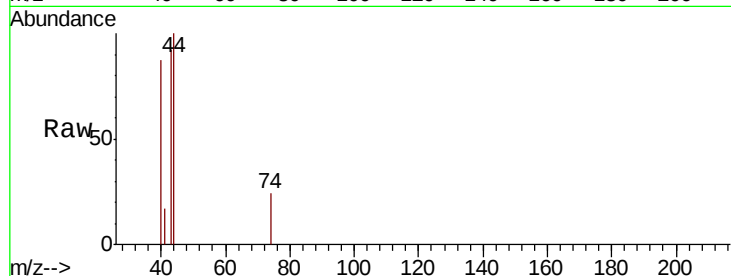




#18
Methyl Acetate
Concen: 1.102 ug/l
RT: 4.32 min Scan# 791
Delta R.T. -0.01 min
Lab File: VN053178.D
Acq: 24 Dec 2018 12:06

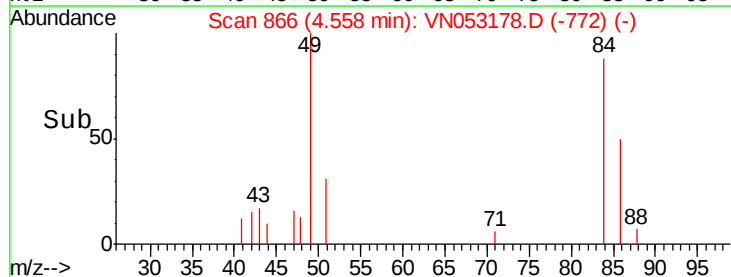
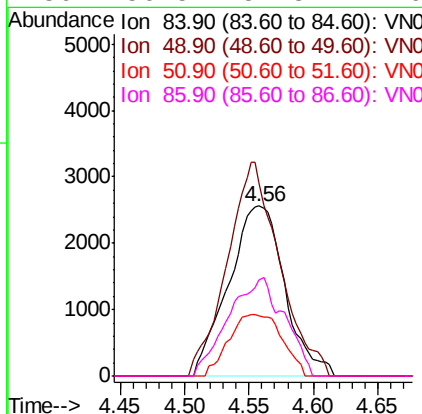
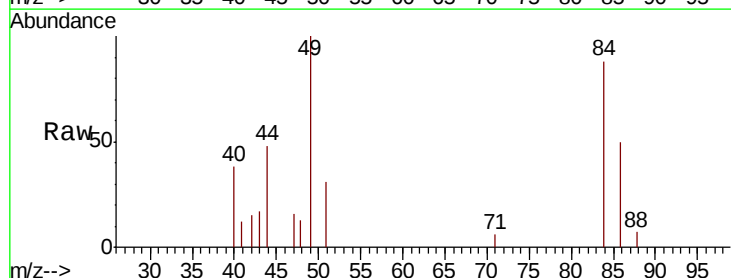
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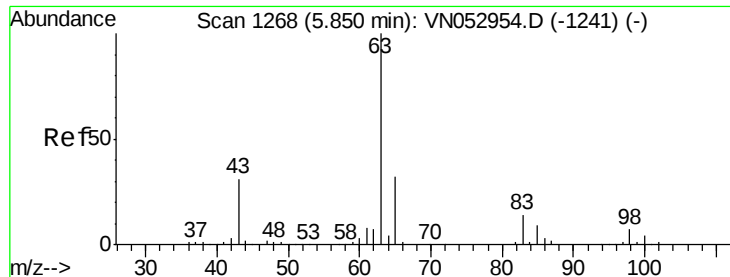
Tot Ion: 43 Resp: 1245
Ion Ratio Lower Upper
43 100
74 25.4 19.2 28.8



#20
Methylene Chloride
Concen: 0.583 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN053178.D
Acq: 24 Dec 2018 12:06

Tgt Ion: 84 Resp: 7766
Ion Ratio Lower Upper
84 100
49 113.7 96.8 145.2
51 35.4 29.9 44.9
86 56.5 51.8 77.6

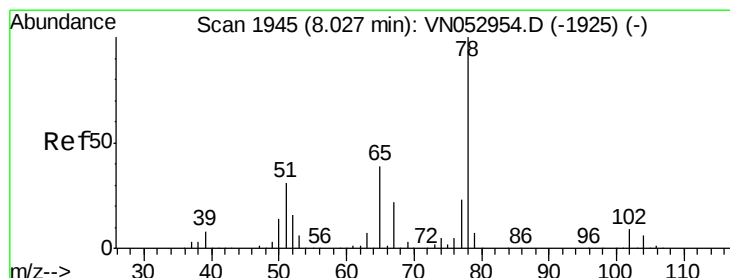
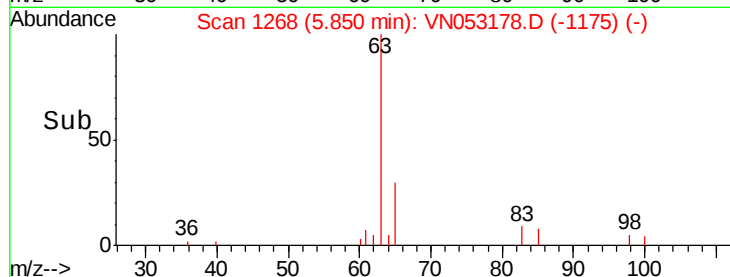
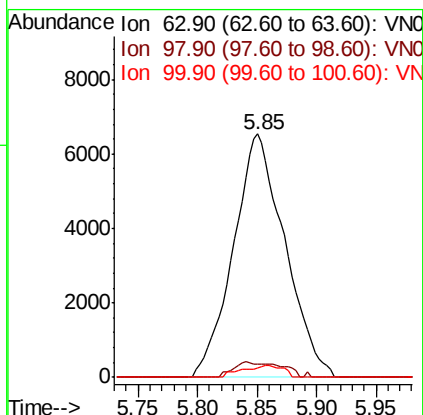
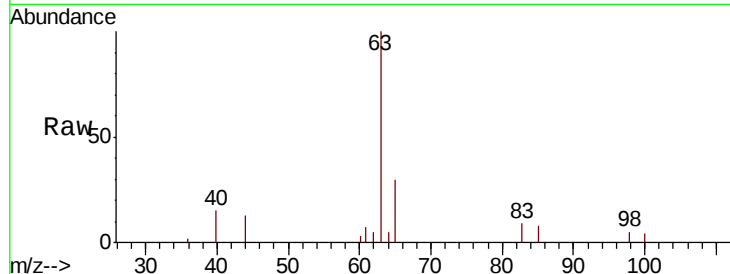




#24
 1,1-Dichloroethane
 Concen: 0.849 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VN053178.D
 Acq: 24 Dec 2018 12:06

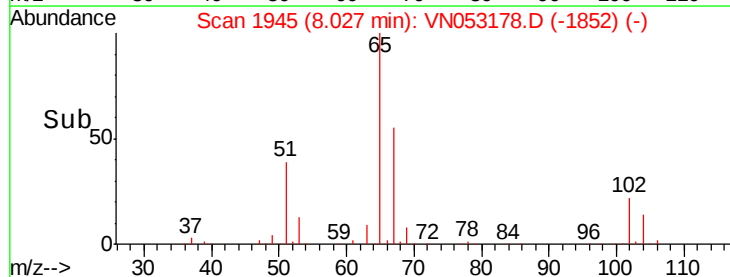
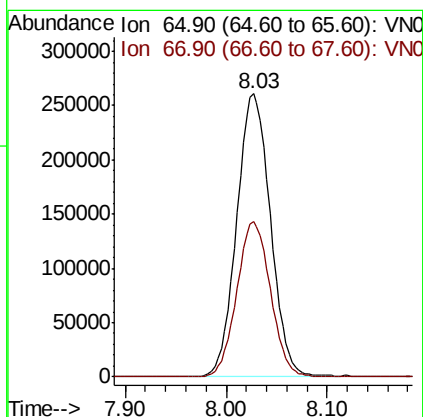
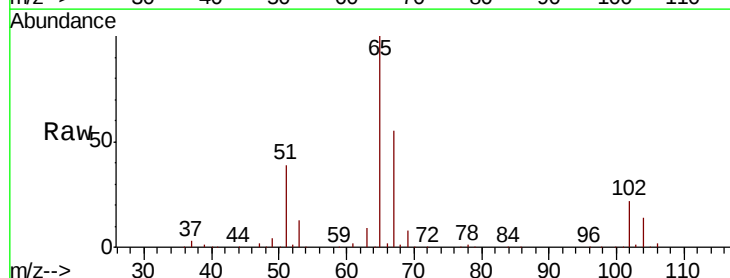
Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SS019-1824-01MEDL

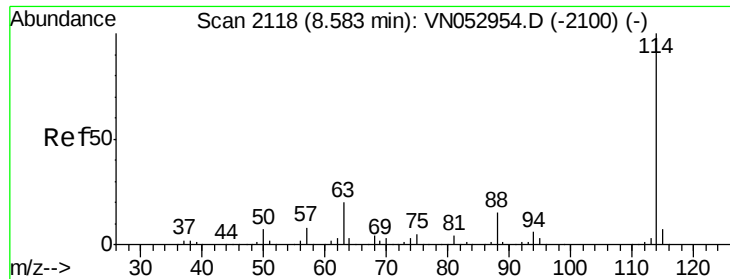
Tot Ion: 63 Resp: 19530
 Ion Ratio Lower Upper
 63 100
 98 5.2 3.1 9.4
 100 3.9 2.0 5.8



#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN053178.D
 Acq: 24 Dec 2018 12:06

Tgt Ion: 65 Resp: 606427
 Ion Ratio Lower Upper
 65 100
 67 54.7 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: VN053178.D

Acq: 24 Dec 2018 12:06

Instrument :

MSVOA_N

ClientSampleId :

P001-SS019-1824-01MEDL

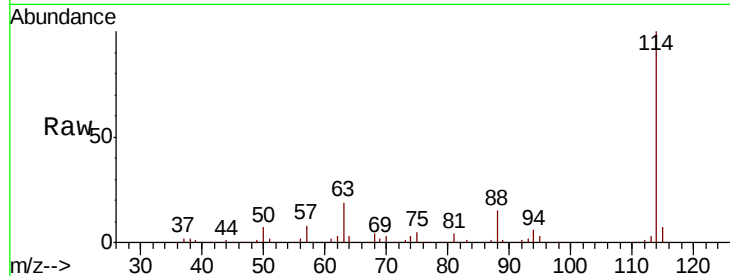
Tot Ion:114 Resp: 1893388

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.8

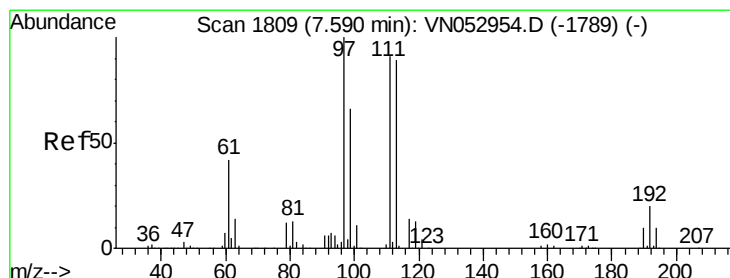
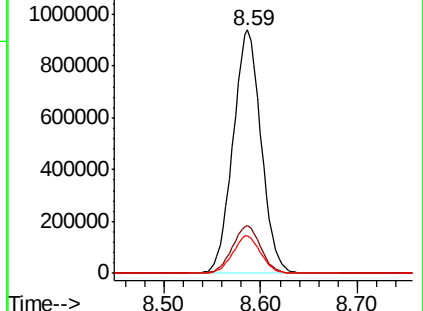
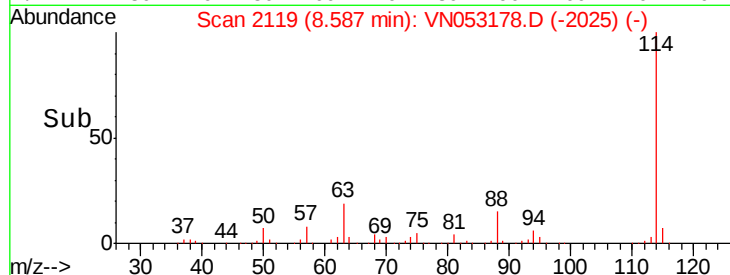
88 15.4 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN053178.D

Acq: 24 Dec 2018 12:06

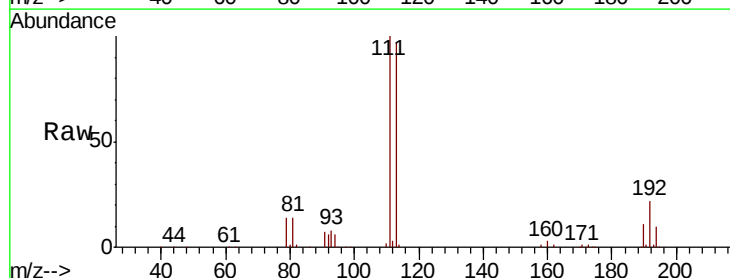
Tgt Ion:113 Resp: 524385

Ion Ratio Lower Upper

113 100

111 102.1 83.0 124.4

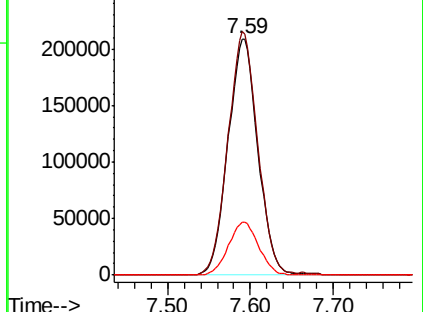
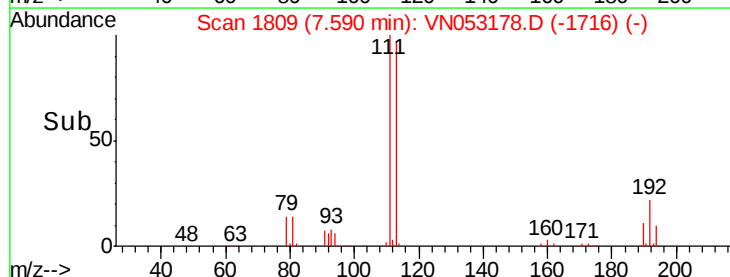
192 22.6 17.5 26.3

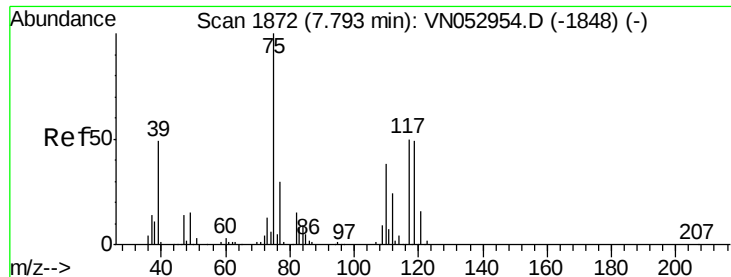


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.458 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN053178.D

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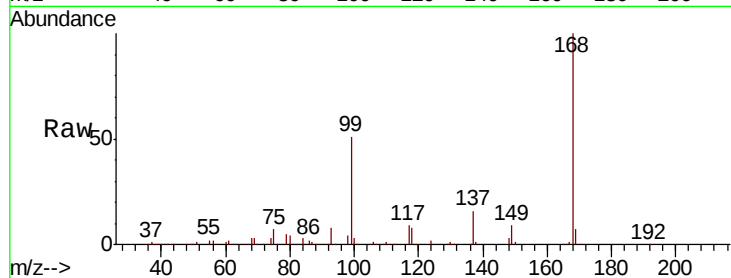
Tot Ion: 75 Resp: 81016

Ion Ratio Lower Upper

75 100

110 8.1 18.2 54.6#

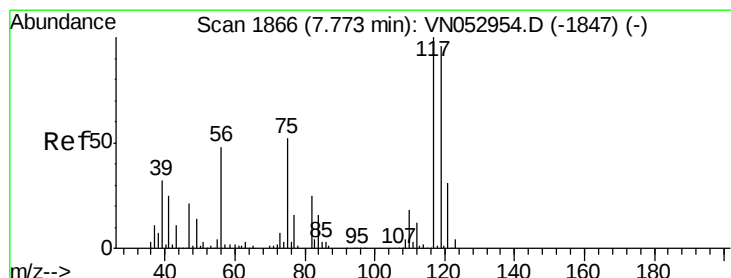
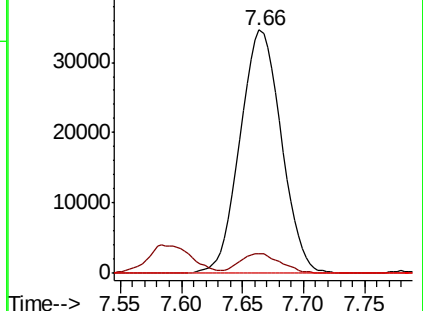
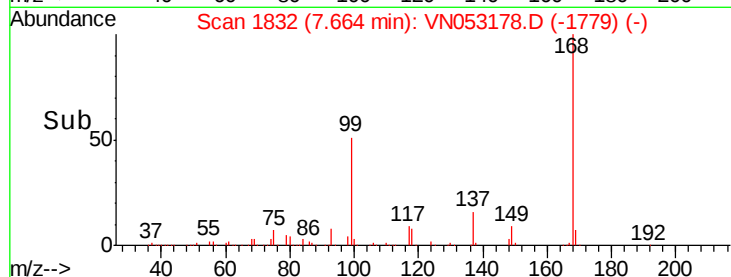
77 0.0 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VN053178.D (-1779) (-)

Ion 109.90 (109.60 to 110.60): VN053178.D (-1779) (-)

Ion 76.90 (76.60 to 77.60): VN053178.D (-1779) (-)



#38

Carbon Tetrachloride

Concen: 6.410 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN053178.D

Acq: 24 Dec 2018 12:06

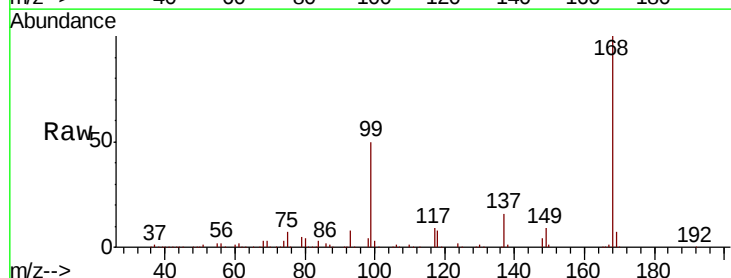
Tgt Ion: 117 Resp: 106771

Ion Ratio Lower Upper

117 100

119 4.7 77.1 115.7#

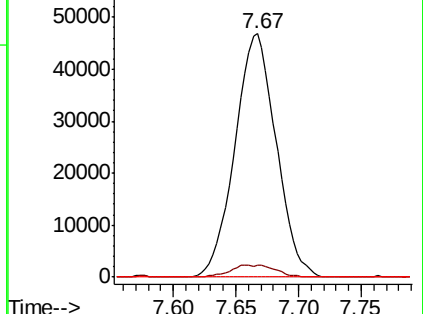
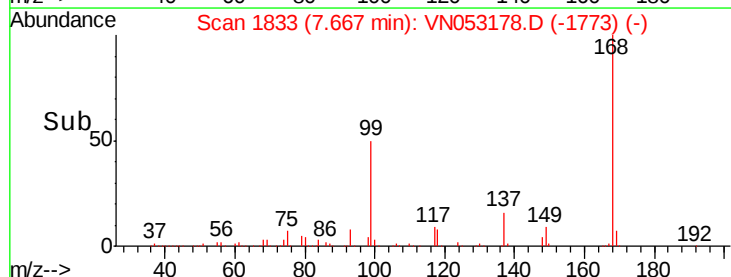
121 0.0 24.9 37.3#

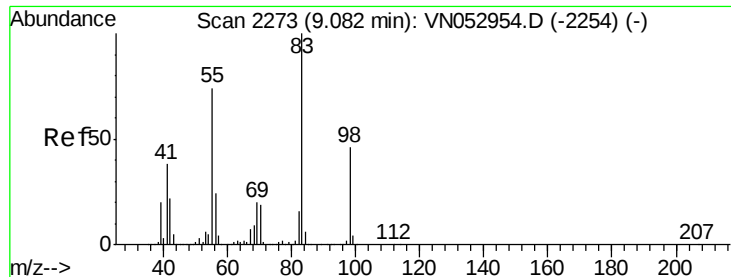


Abundance Ion 116.80 (116.50 to 117.50): VN053178.D (-1773) (-)

Ion 118.80 (118.50 to 119.50): VN053178.D (-1773) (-)

Ion 120.80 (120.50 to 121.50): VN053178.D (-1773) (-)

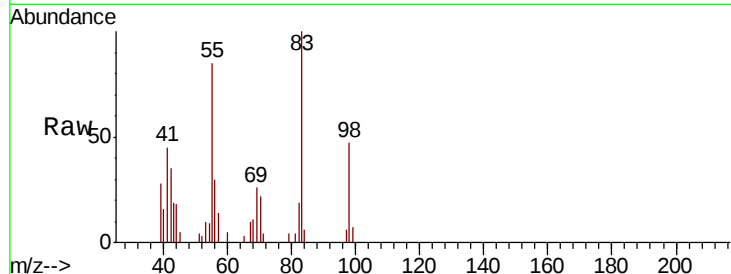




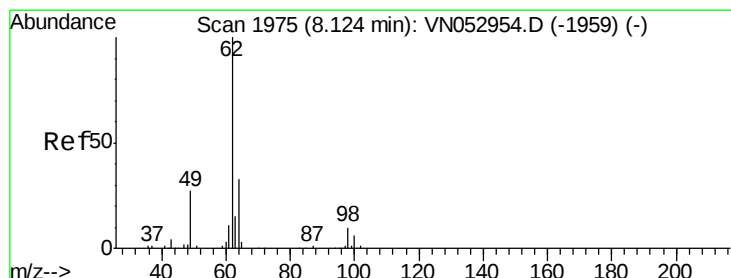
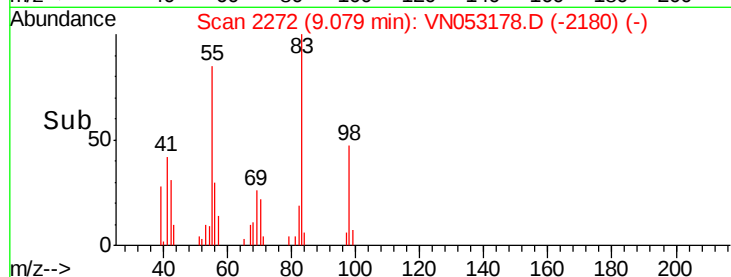
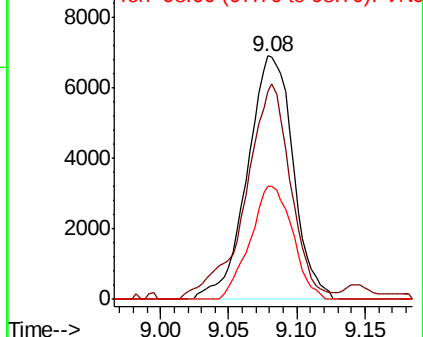
#39
Methvlcvclohexane
Concen: 0.727 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN053178.D
Acq: 24 Dec 2018 12:06

Instrument :
MSVOA_N
ClientSampleId :
P001-SS019-1824-01MEDL

Tot Ion: 83 Resp: 16052
Ion Ratio Lower Upper
83 100
55 82.4 61.3 91.9
98 46.7 37.0 55.4

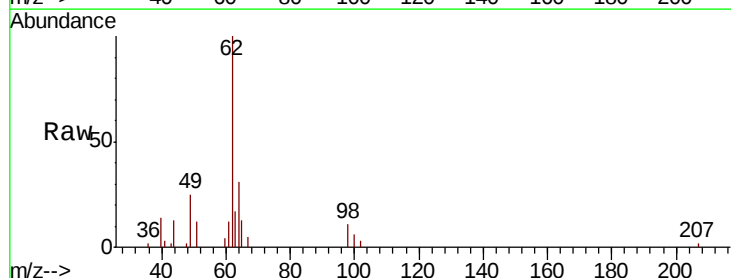


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

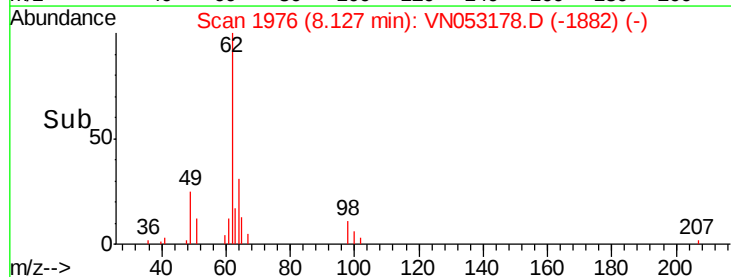
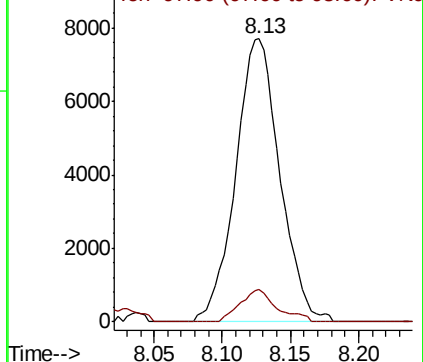


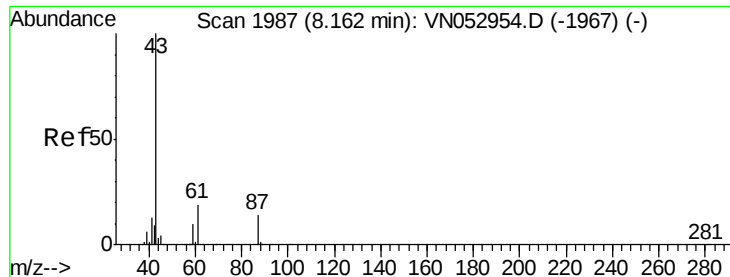
#42
1,2-Dichloroethane
Concen: 1.084 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN053178.D
Acq: 24 Dec 2018 12:06

Tgt Ion: 62 Resp: 17314
Ion Ratio Lower Upper
62 100
98 9.6 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



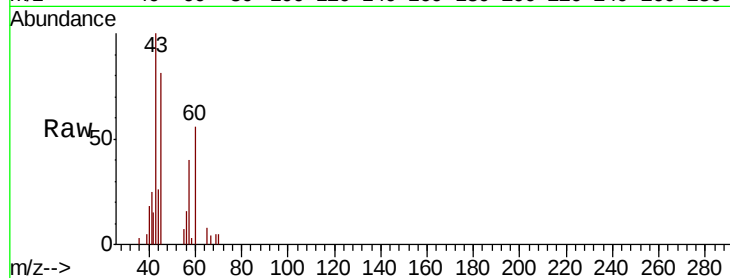


#43

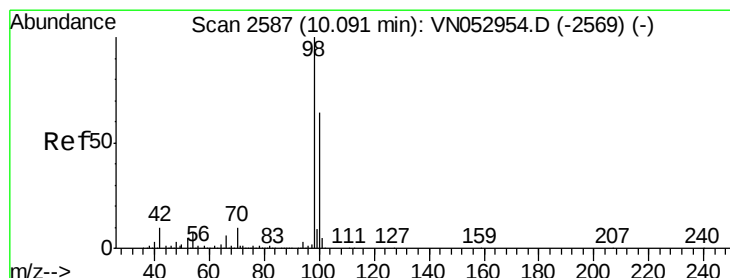
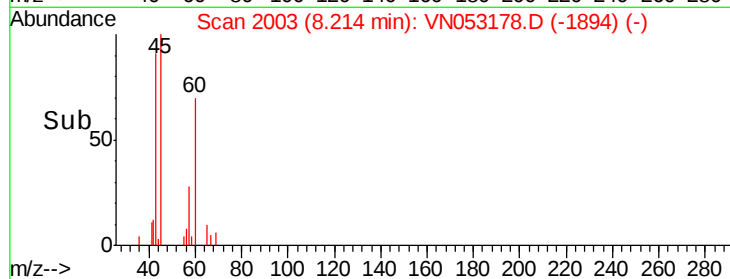
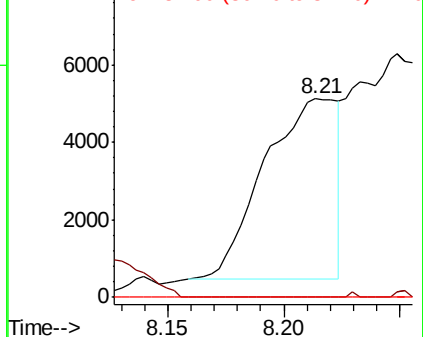
Isopropyl Acetate
 Concen: Below Cal
 RT: 8.21 min Scan# 2003
 Delta R.T. 0.05 min
 Lab File: VN053178.D
 Acq: 24 Dec 2018 12:06

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SS019-1824-01MEDL

Tot Ion	43	Resp	10268
Ion Ratio	Lower	Upper	
43	100		
61	0.0	22.9	34.3#
87	0.0	10.6	15.8#



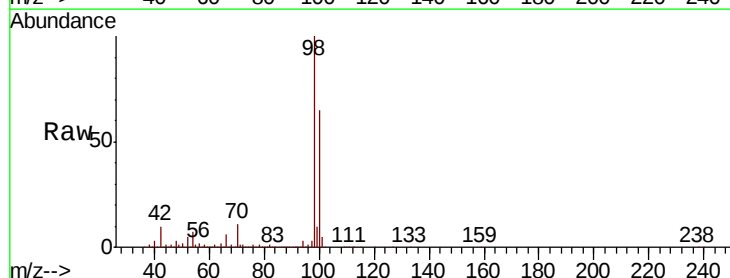
Abundance Ion 43.00 (42.70 to 43.70): VNO
 Ion 61.00 (60.70 to 61.70): VNO
 Ion 87.00 (86.70 to 87.70): VNO



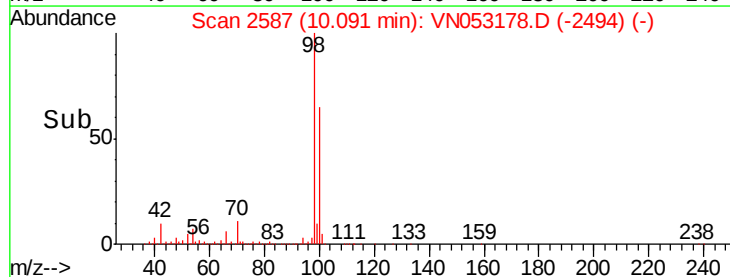
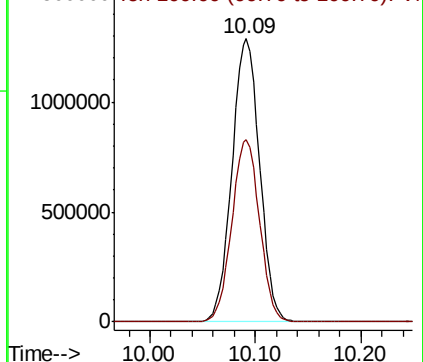
#50

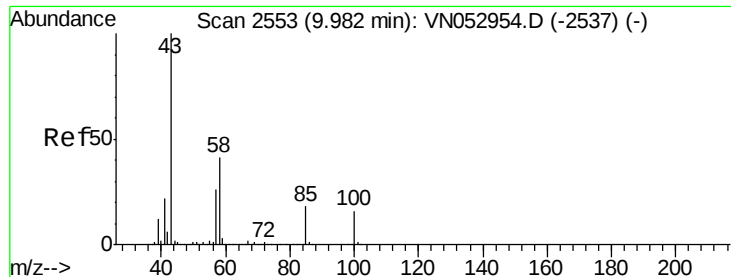
Toluene-d8
 Concen: N.D. ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN053178.D
 Acq: 24 Dec 2018 12:06

Tgt Ion	98	Resp	2341683
Ion Ratio	Lower	Upper	
98	100		
100	64.4	51.6	77.4



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

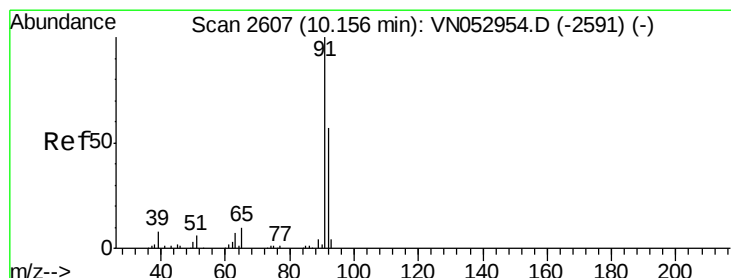
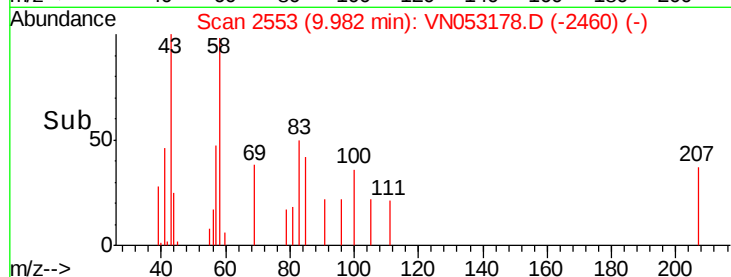
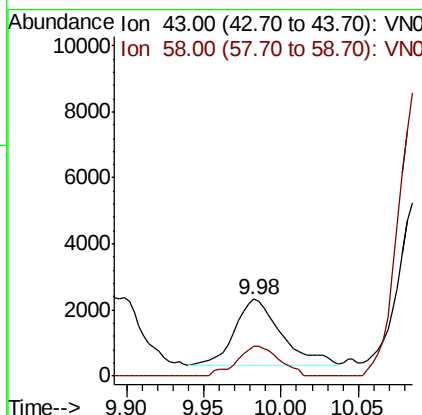
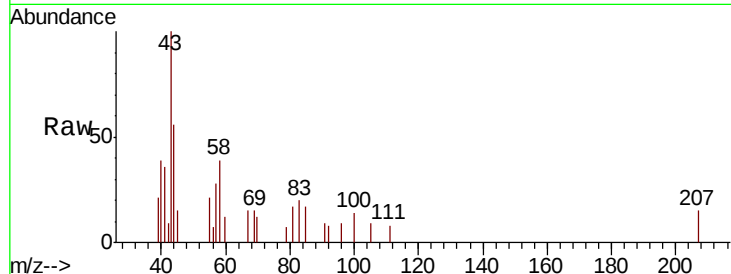




#51
4-Methyl-2-Pentanone
Concen: 0.429 ug/l
RT: 9.98 min Scan# 2553
Delta R.T. -0.00 min
Lab File: VN053178.D
Acq: 24 Dec 2018 12:06

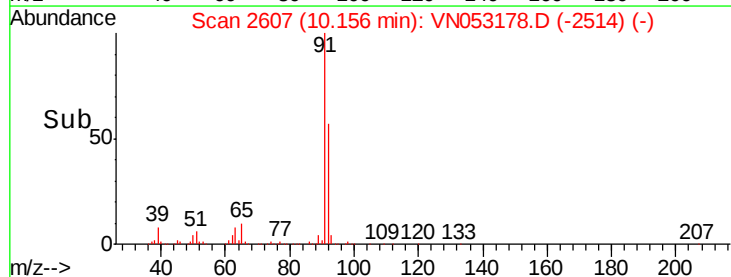
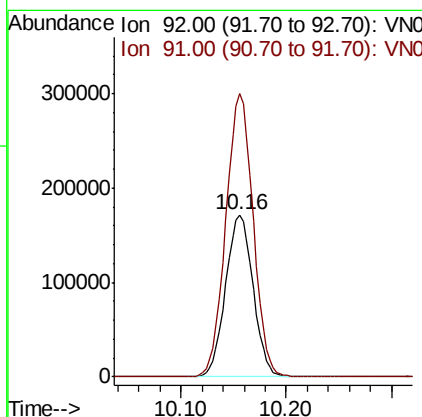
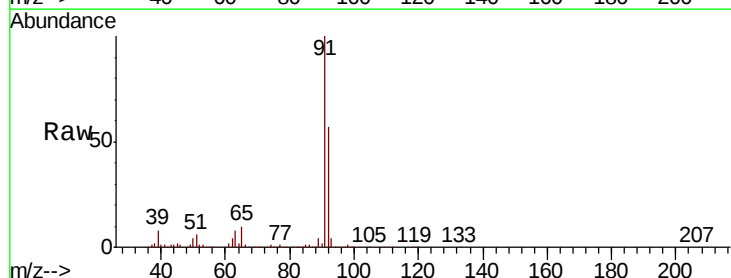
Instrument :
MSVOA_N
ClientSampleId :
P001-SS019-1824-01MEDL

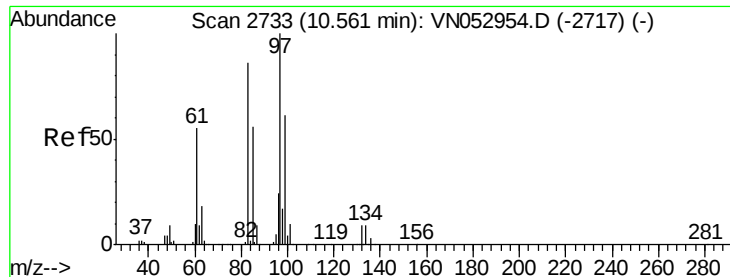
Tot Ion: 43 Resp: 4219
Ion Ratio Lower Upper
43 100
58 40.8 32.2 48.4



#52
Toluene
Concen: 9.237 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN053178.D
Acq: 24 Dec 2018 12:06

Tgt Ion: 92 Resp: 309484
Ion Ratio Lower Upper
92 100
91 172.9 139.8 209.6





#55

1,1,2-Trichloroethane

Concen: 0.625 ug/l

RT: 10.53 min Scan# 2723

Delta R.T. -0.03 min

Lab File: VN053178.D

Acq: 24 Dec 2018 12:06

Instrument :

MSVOA_N

ClientSampleId :

P001-SS019-1824-01MEDL

Tot Ion: 97 Resp: 7311

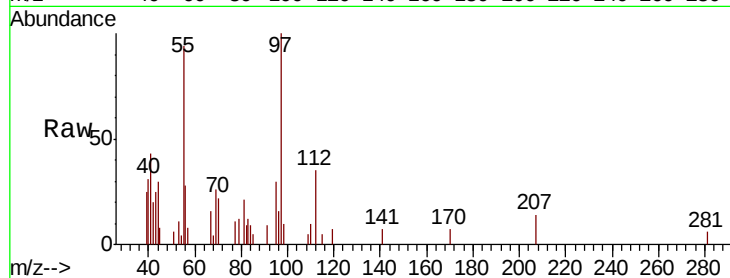
Ion Ratio Lower Upper

97 100

83 7.2 70.9 106.3#

85 4.6 45.4 68.2#

99 0.0 50.4 75.6#

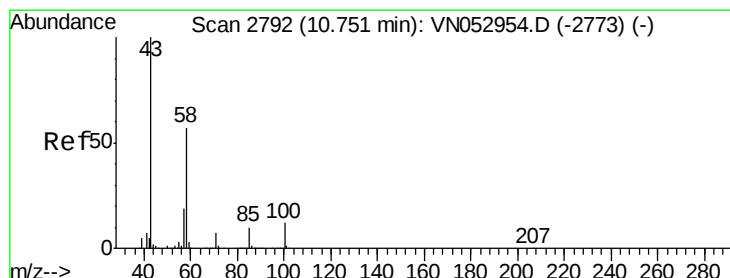
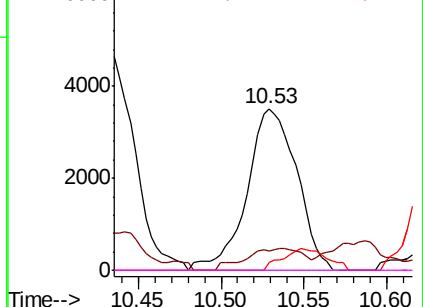
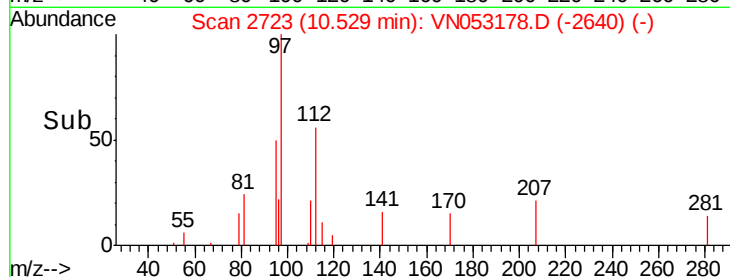


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#59

2-Hexanone

Concen: 2.426 ug/l

RT: 10.72 min Scan# 2781

Delta R.T. -0.04 min

Lab File: VN053178.D

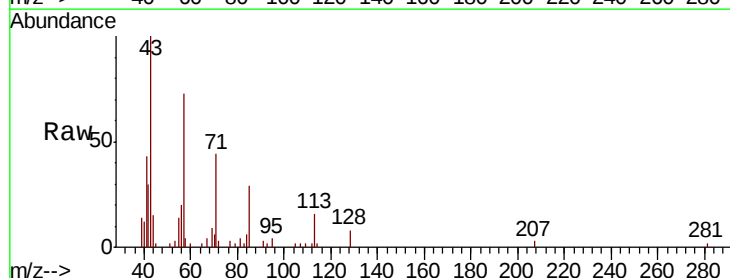
Acq: 24 Dec 2018 12:06

Tgt Ion: 43 Resp: 16127

Ion Ratio Lower Upper

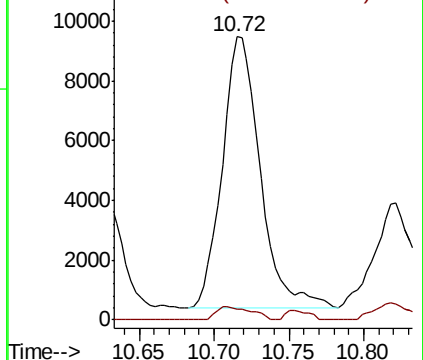
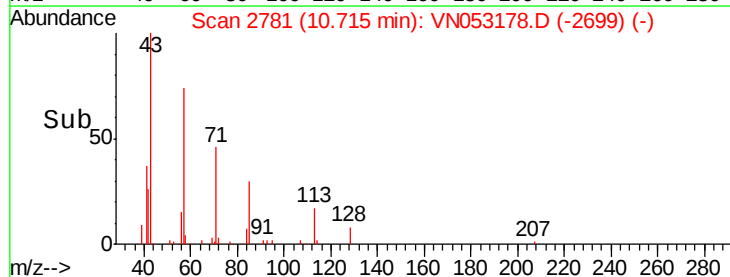
43 100

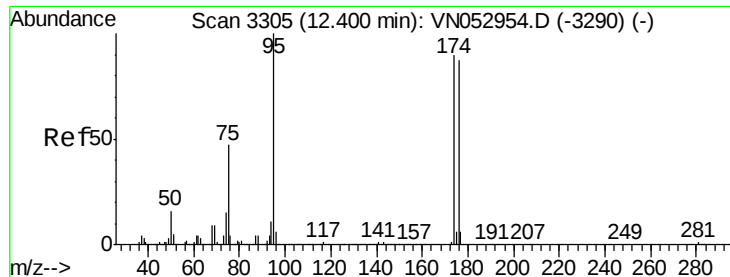
58 4.5 28.1 84.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053178.D

Acq: 24 Dec 2018 12:06

Instrument :

MSVOA_N

ClientSampleId :

P001-SS019-1824-01MEDL

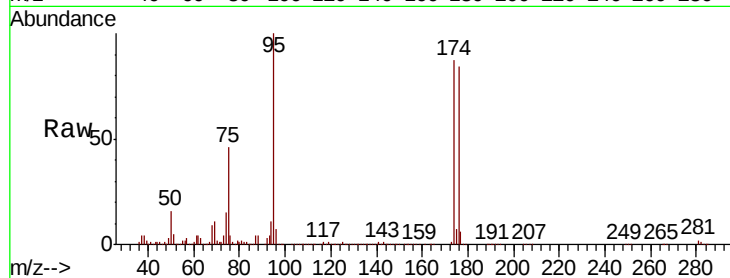
Tot Ion: 95 Resp: 829625

Ion Ratio Lower Upper

95 100

174 88.8 0.0 178.8

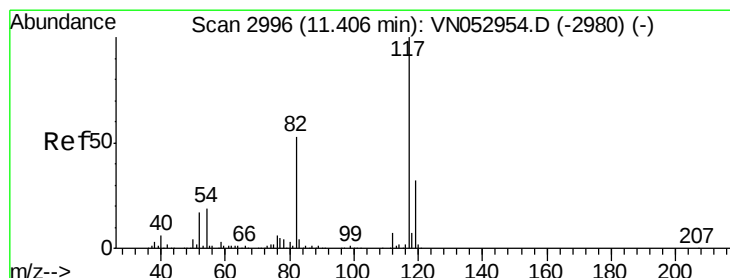
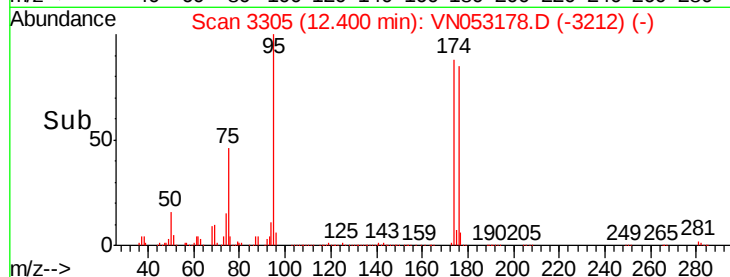
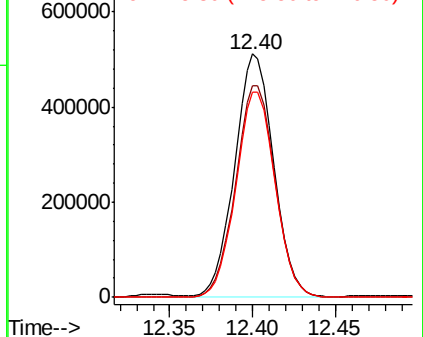
176 86.0 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN053178.D

Acq: 24 Dec 2018 12:06

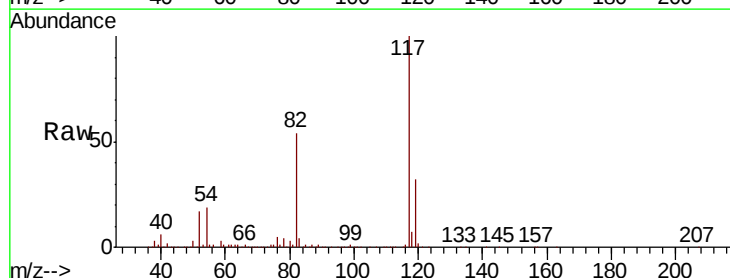
Tgt Ion: 117 Resp: 1740529

Ion Ratio Lower Upper

117 100

82 53.5 42.8 64.2

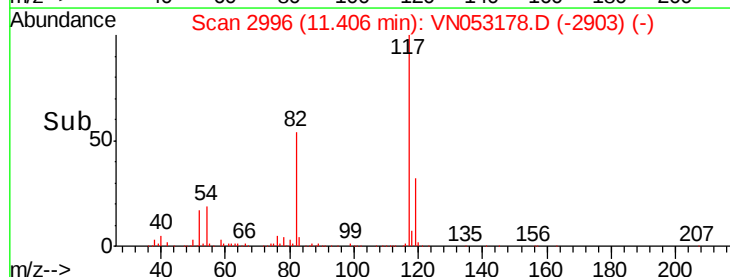
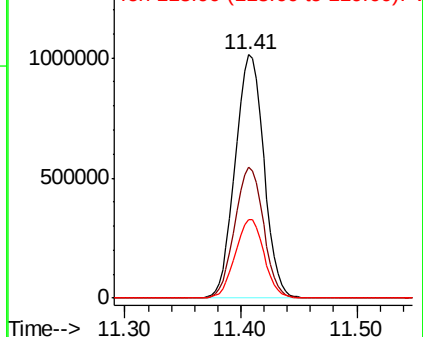
119 32.4 25.5 38.3

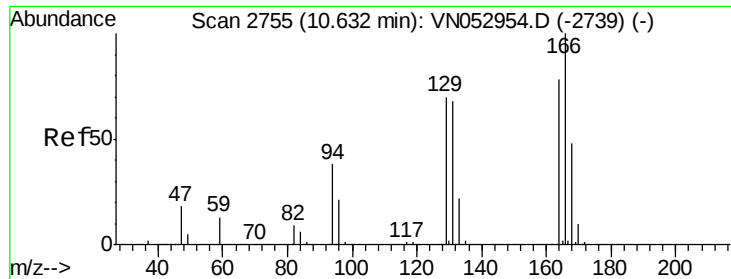


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

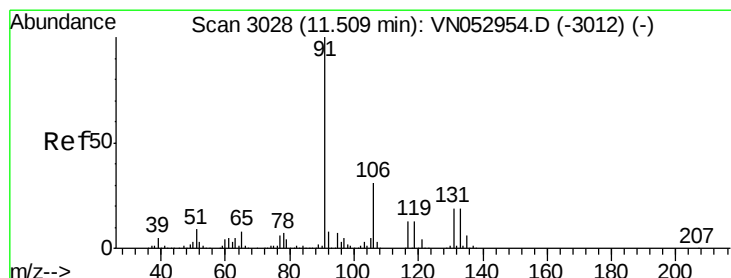
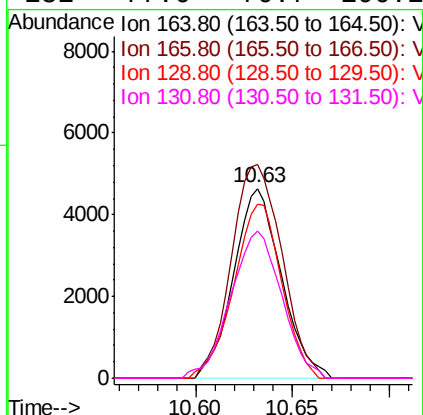
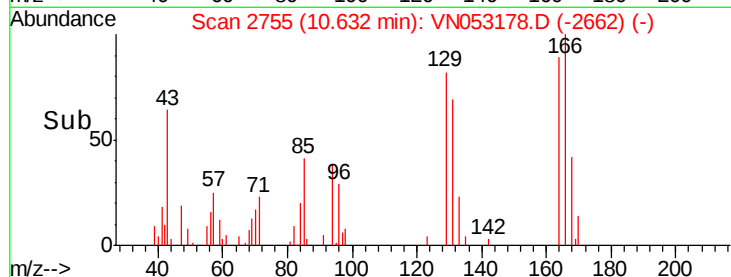
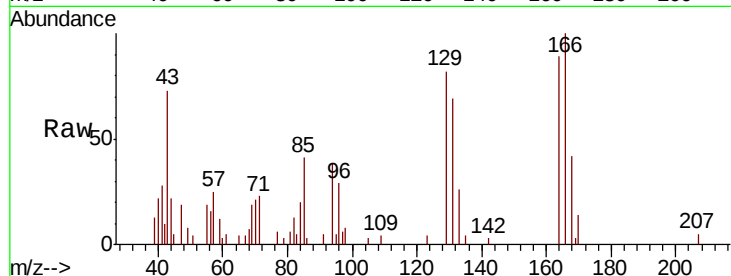




#64
Tetrachloroethene
Concen: 0.423 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN053178.D
Acq: 24 Dec 2018 12:06

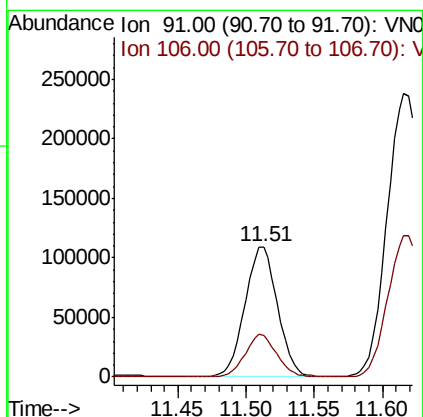
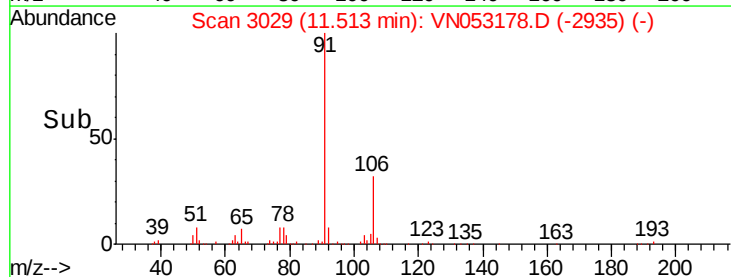
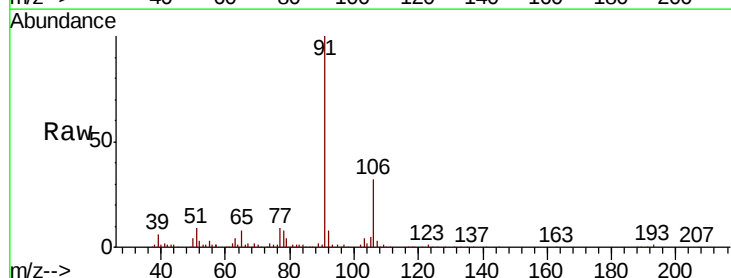
Instrument :
MSVOA_N
ClientSampleId :
P001-SS019-1824-01MEDL

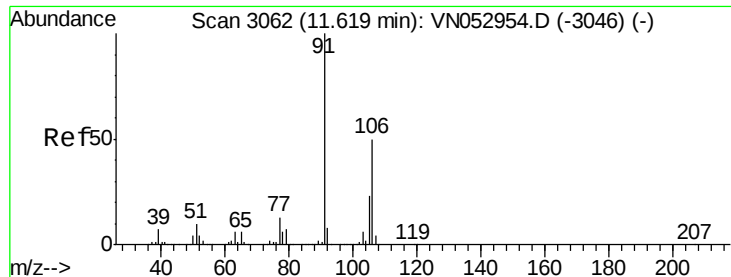
Tot Ion:164 Resp: 7968
Ion Ratio Lower Upper
164 100
166 112.6 102.9 154.3
129 92.0 73.7 110.5
131 77.6 70.7 106.1



#67
Ethyl Benzene
Concen: 2.720 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053178.D
Acq: 24 Dec 2018 12:06

Tgt Ion: 91 Resp: 180505
Ion Ratio Lower Upper
91 100
106 32.1 24.9 37.3





#68

m/p-Xylenes

Concen: 8.713 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. -0.00 min

Lab File: VN053178.D

Acq: 24 Dec 2018 12:06

Instrument :

MSVOA_N

ClientSampleId :

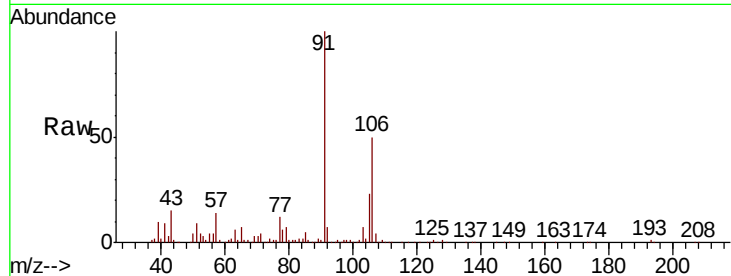
P001-SS019-1824-01MEDL

Tot Ion:106 Resp: 219790

Ion Ratio Lower Upper

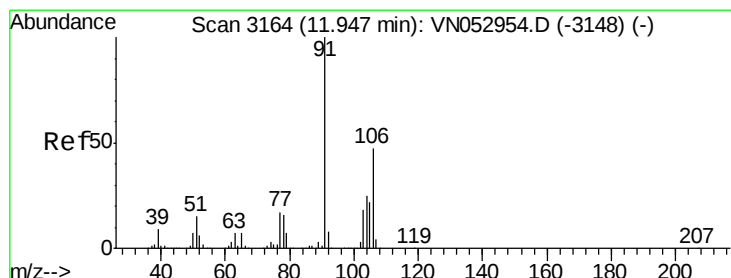
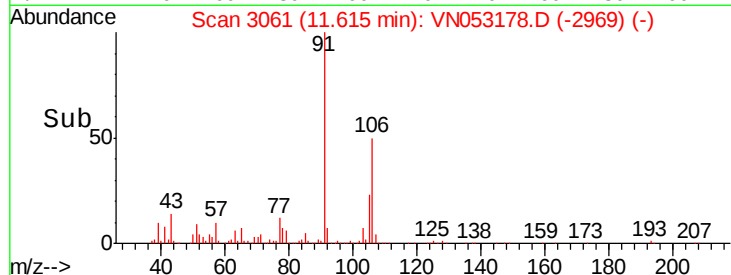
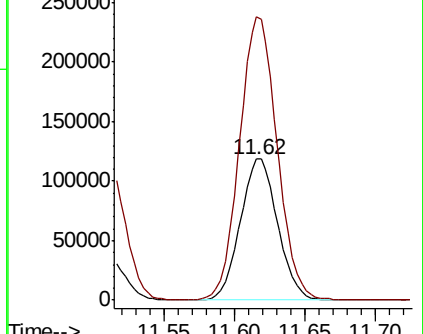
106 100

91 200.6 162.2 243.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#69

o-Xylene

Concen: 3.788 ug/l

RT: 11.95 min Scan# 3164

Delta R.T. -0.00 min

Lab File: VN053178.D

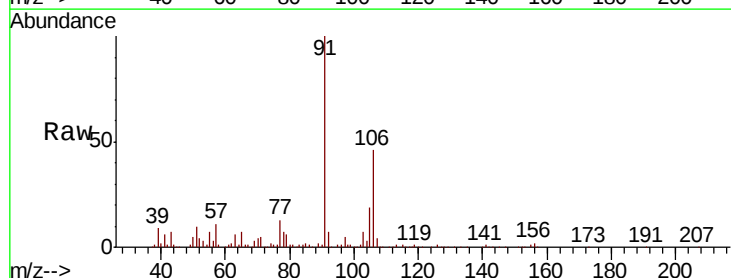
Acq: 24 Dec 2018 12:06

Tgt Ion:106 Resp: 91689

Ion Ratio Lower Upper

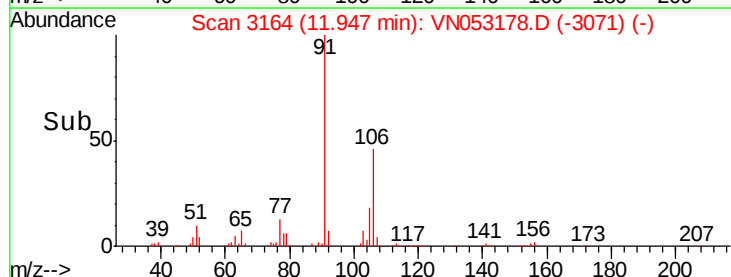
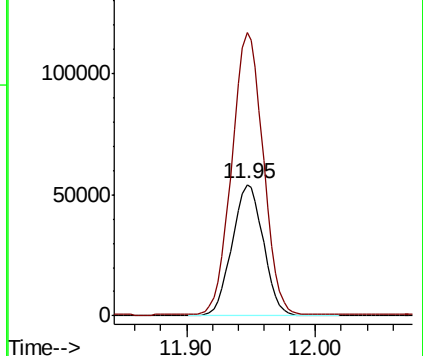
106 100

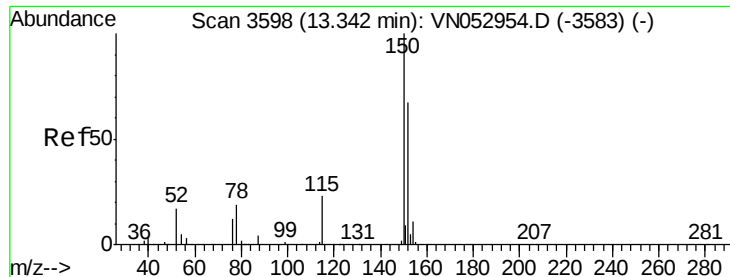
91 213.8 106.6 319.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN053178.D

Acq: 24 Dec 2018 12:06

Instrument :

MSVOA_N

ClientSampleId :

P001-SS019-1824-01MEDL

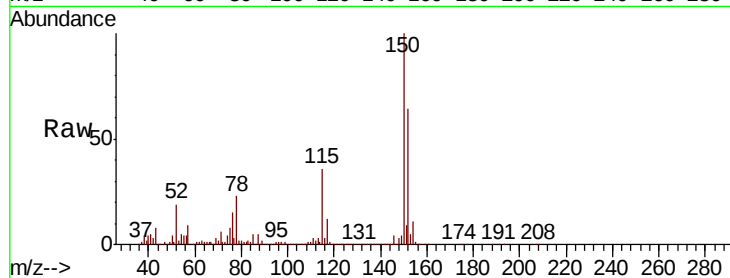
Tot Ion:152 Resp: 807889

Ion Ratio Lower Upper

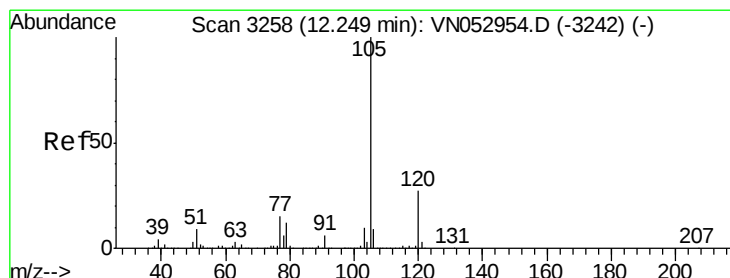
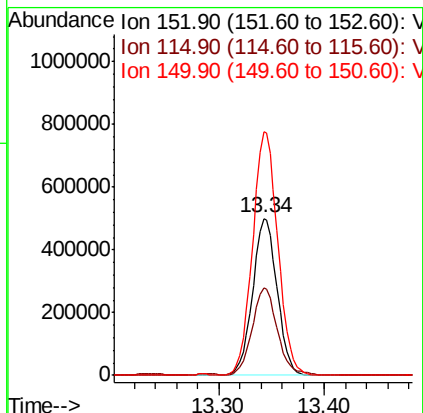
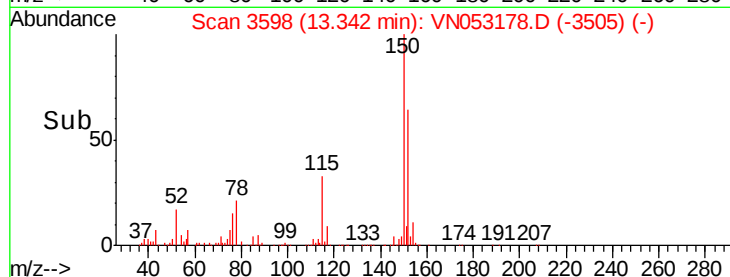
152 100

115 57.5 28.3 85.0

150 160.4 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



#73

Isopropylbenzene

Concen: 0.727 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN053178.D

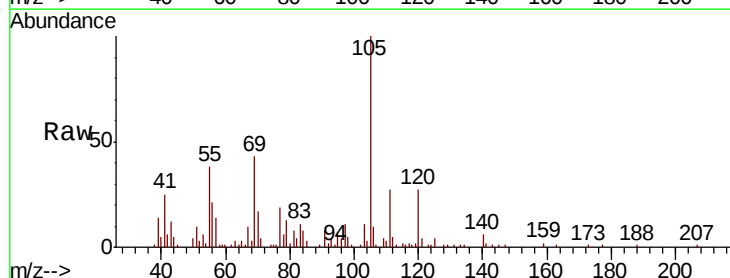
Acq: 24 Dec 2018 12:06

Tgt Ion:105 Resp: 45951

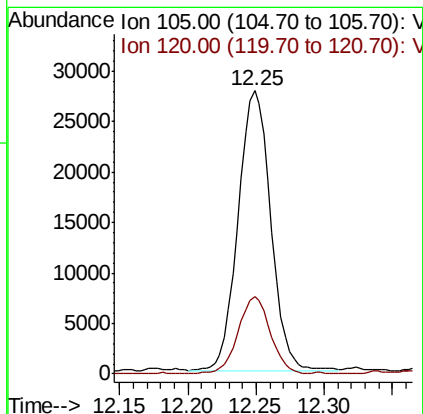
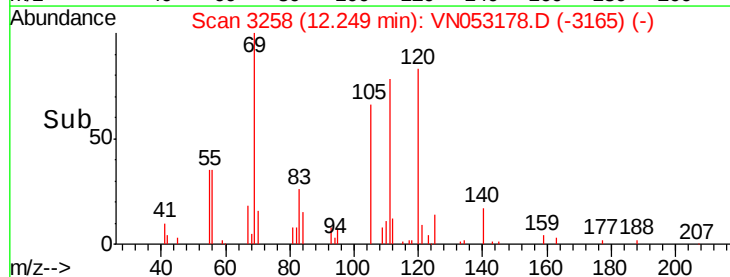
Ion Ratio Lower Upper

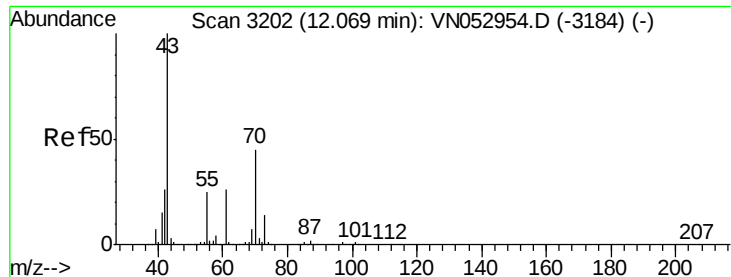
105 100

120 27.2 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 3.613 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.03 min

Lab File: VN053178.D

Acq: 24 Dec 2018 12:06

Instrument :

MSVOA_N

ClientSampleId :

P001-SS019-1824-01MEDL

Tot Ion: 43 Resp: 63412

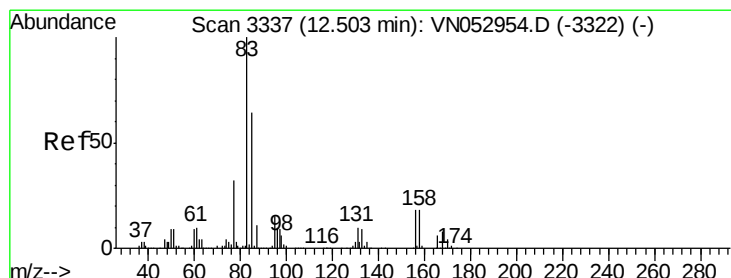
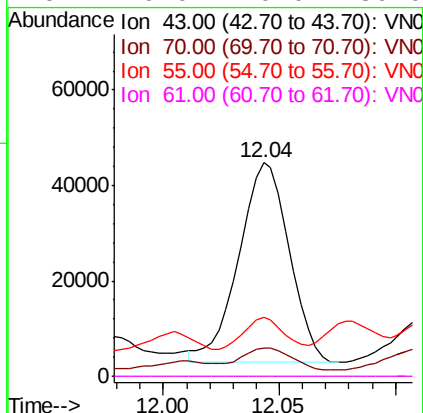
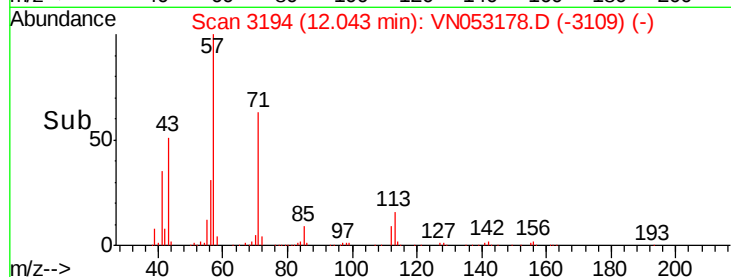
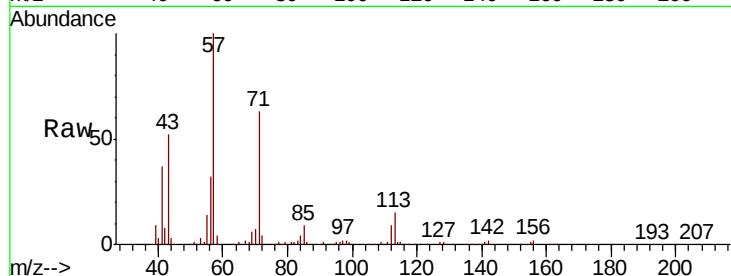
Ion Ratio Lower Upper

43 100

70 10.5 34.2 51.4#

55 12.5 20.3 30.5#

61 0.0 20.0 30.0#



#75

1,1,2,2-Tetrachloroethane

Concen: 0.544 ug/l

RT: 12.45 min Scan# 3320

Delta R.T. -0.05 min

Lab File: VN053178.D

Acq: 24 Dec 2018 12:06

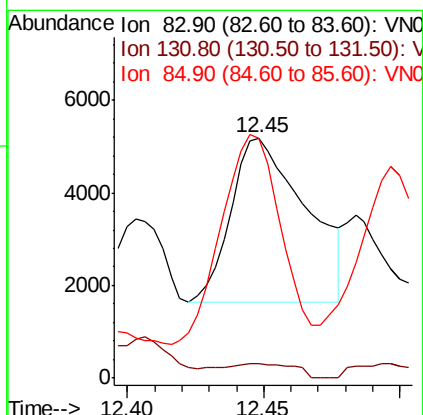
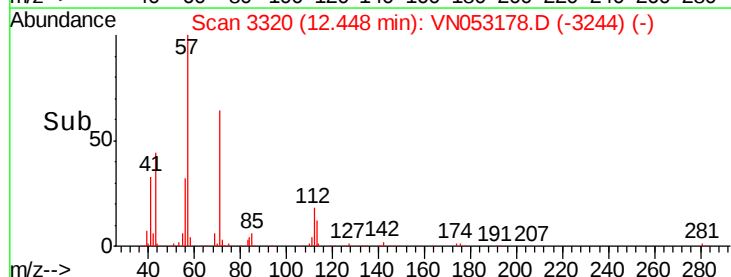
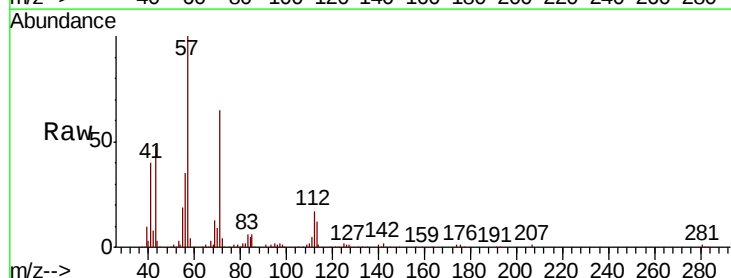
Tgt Ion: 83 Resp: 6749

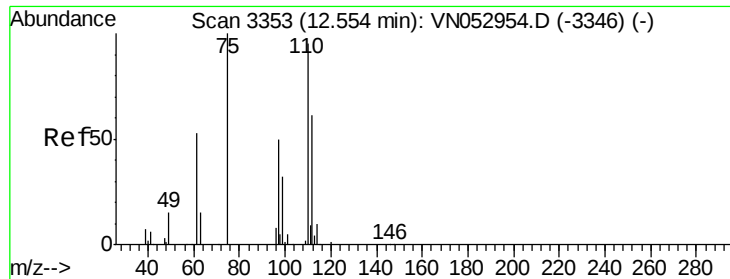
Ion Ratio Lower Upper

83 100

131 7.2 5.2 15.6

85 0.0 32.4 97.0#





#76

1,2,3-Trichloropropane

Concen: 28.428 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053178.D

Acq: 24 Dec 2018 12:06

Instrument :

MSVOA_N

ClientSampleId :

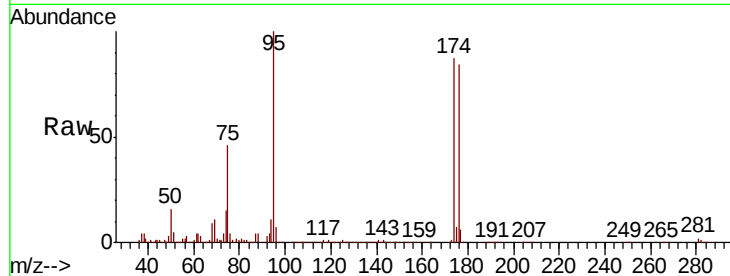
P001-SS019-1824-01MEDL

Tot Ion: 75 Resp: 386626

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

12.40

250000

200000

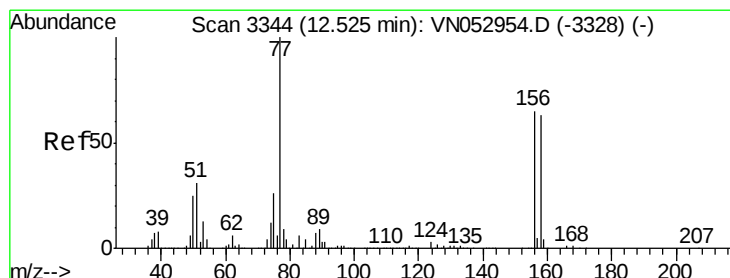
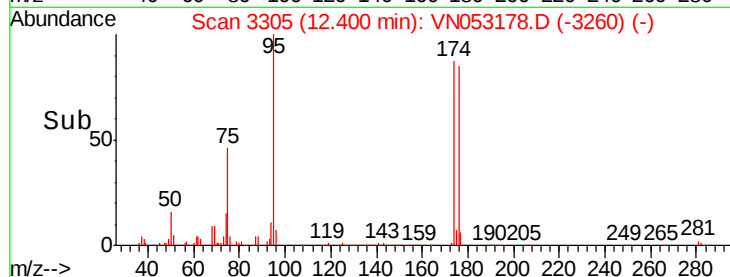
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#77

Bromobenzene

Concen: 1.776 ug/l

RT: 12.57 min Scan# 3358

Delta R.T. 0.04 min

Lab File: VN053178.D

Acq: 24 Dec 2018 12:06

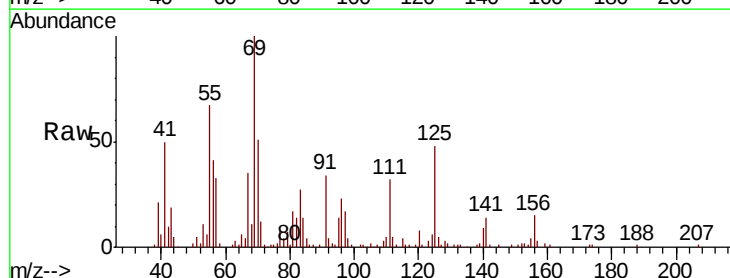
Tgt Ion: 156 Resp: 29179

Ion Ratio Lower Upper

156 100

77 0.0 91.3 273.8#

158 0.0 49.0 147.2#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V

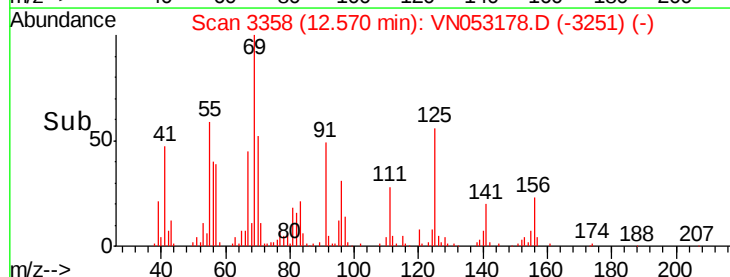
30000

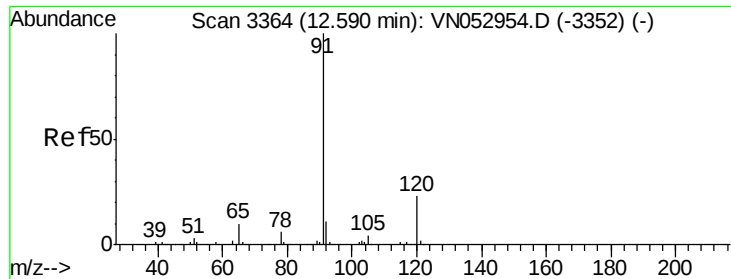
20000

10000

0

Time--> 12.40 12.50 12.60 12.70





#78

n-propylbenzene

Concen: 1.693 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN053178.D

Acq: 24 Dec 2018 12:06

Instrument :

MSVOA_N

ClientSampleId :

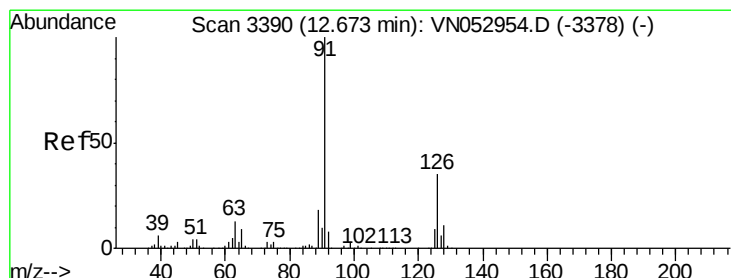
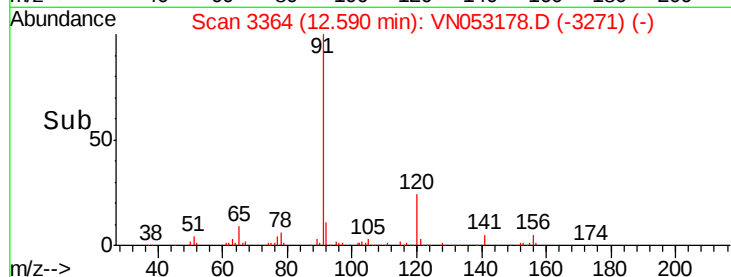
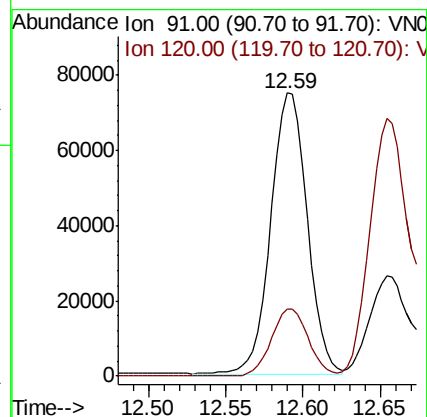
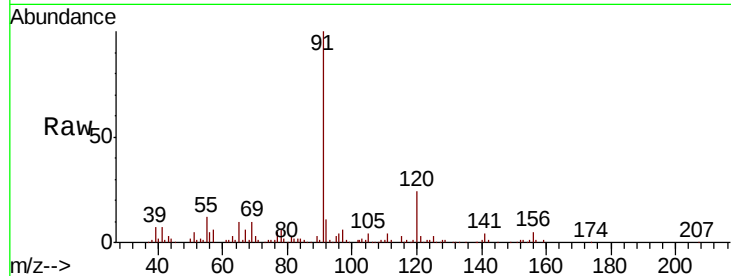
P001-SS019-1824-01MEDL

Tot Ion: 91 Resp: 121884

Ion Ratio Lower Upper

91 100

120 24.5 11.5 34.5



#79

2-Chlorotoluene

Concen: 0.953 ug/l

RT: 12.65 min Scan# 3384

Delta R.T. -0.02 min

Lab File: VN053178.D

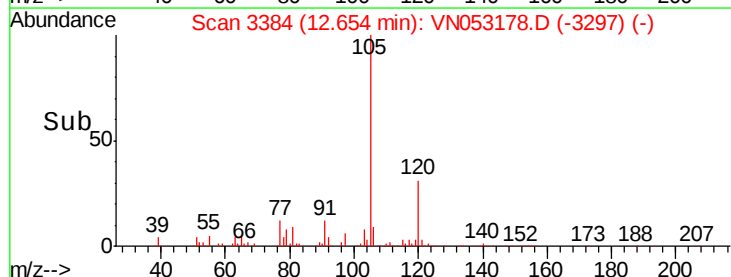
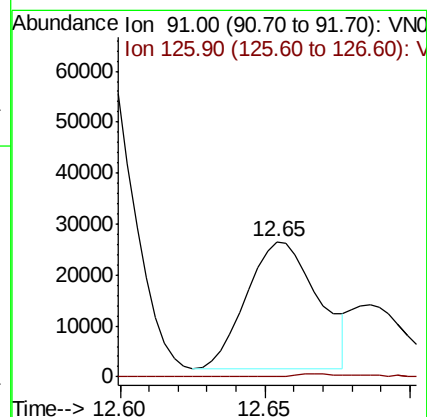
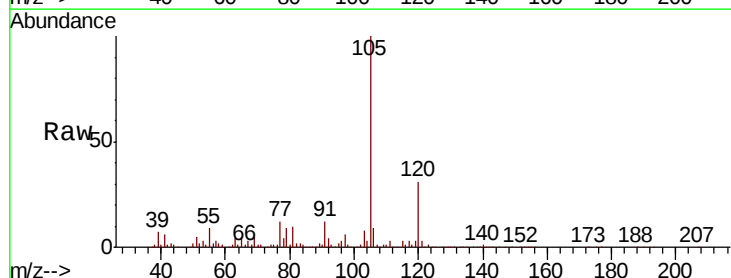
Acq: 24 Dec 2018 12:06

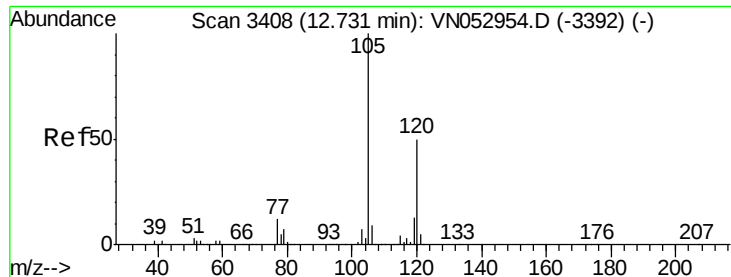
Tgt Ion: 91 Resp: 42537

Ion Ratio Lower Upper

91 100

126 2.4 17.4 52.3#

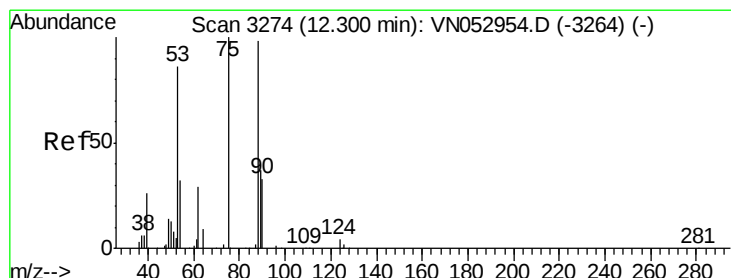
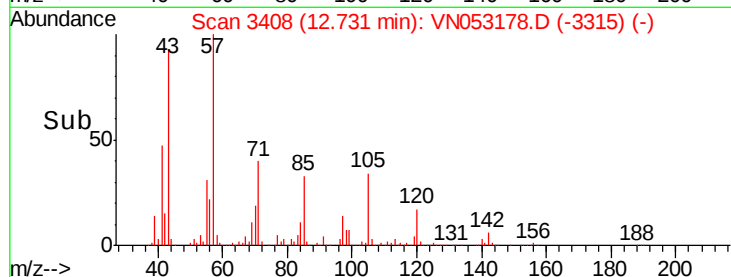
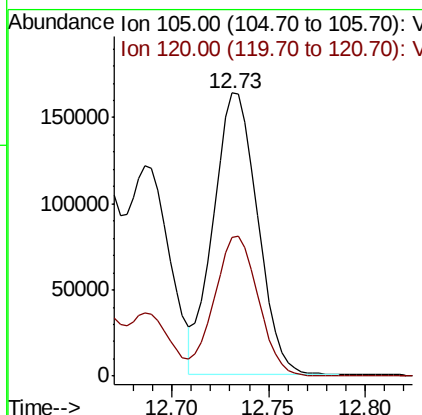
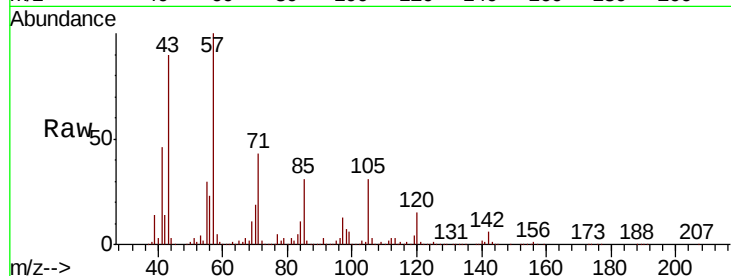




#80
 1,3,5-Trimethylbenzene
 Concen: 5.044 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. -0.00 min
 Lab File: VN053178.D
 Acq: 24 Dec 2018 12:06

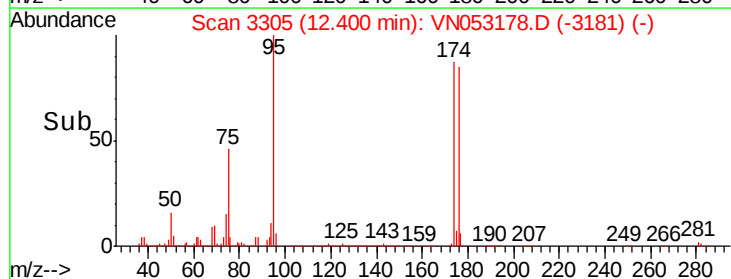
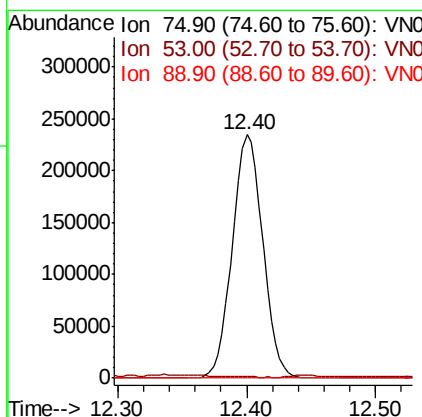
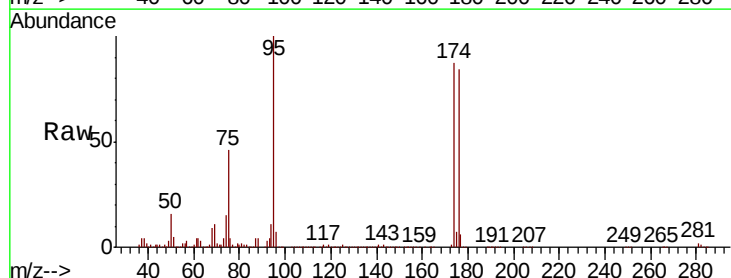
Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SS019-1824-01MEDL

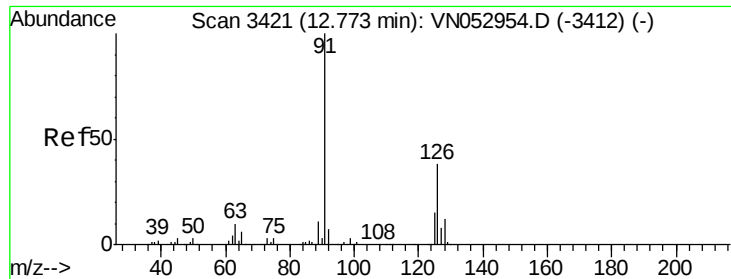
Tot Ion:105 Resp: 259853
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.4 73.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.628 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN053178.D
 Acq: 24 Dec 2018 12:06

Tgt Ion: 75 Resp: 386626
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.7 112.1#
 89 0.1 36.1 54.1#





#82

4-Chlorotoluene

Concen: 0.683 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.04 min

Lab File: VN053178.D

Acq: 24 Dec 2018 12:06

Instrument :

MSVOA_N

ClientSampleId :

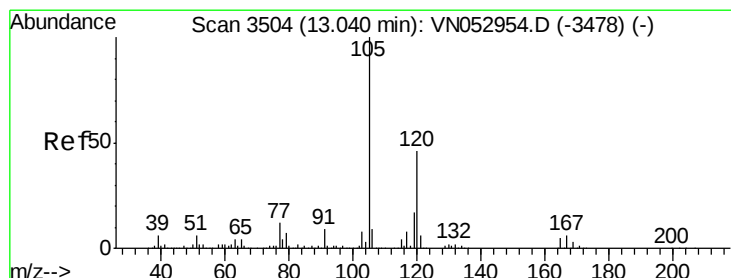
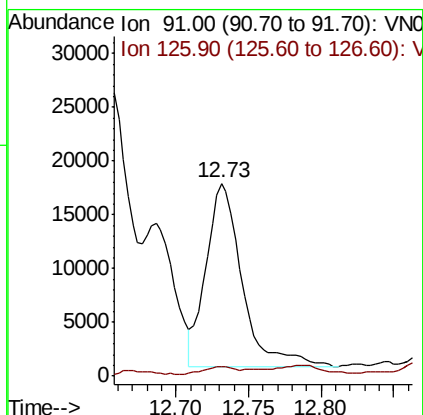
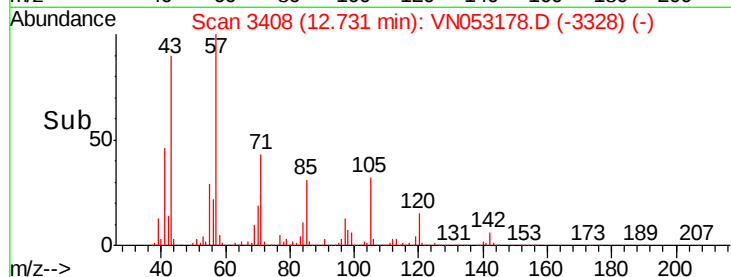
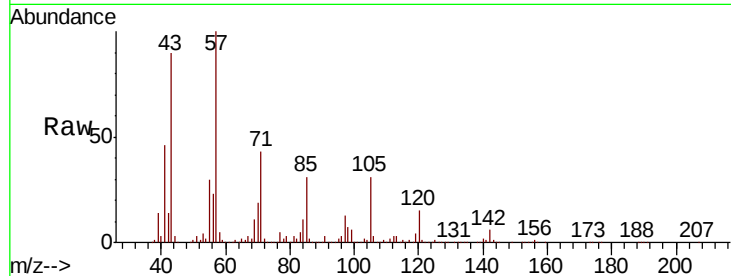
P001-SS019-1824-01MEDL

Tot Ion: 91 Resp: 29816

Ion Ratio Lower Upper

91 100

126 3.7 17.3 51.7#



#84

1,2,4-Trimethylbenzene

Concen: 15.785 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN053178.D

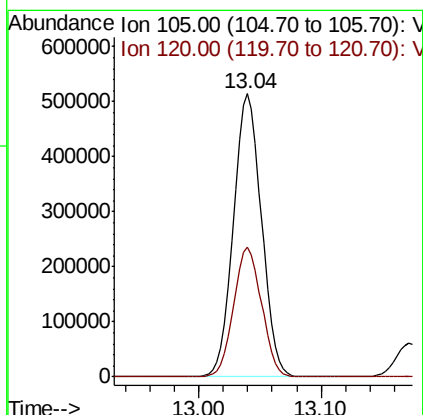
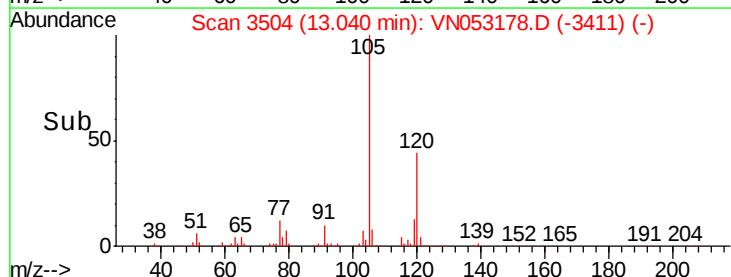
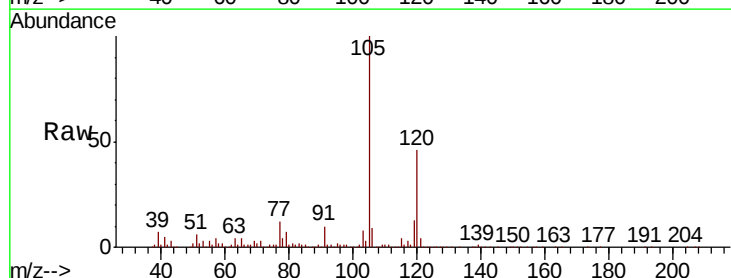
Acq: 24 Dec 2018 12:06

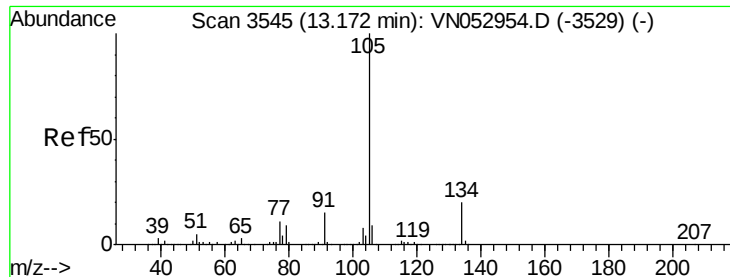
Tgt Ion: 105 Resp: 817589

Ion Ratio Lower Upper

105 100

120 45.7 22.9 68.8





#85

sec-Butylbenzene

Concen: 1.587 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN053178.D

Acq: 24 Dec 2018 12:06

Instrument :

MSVOA_N

ClientSampleId :

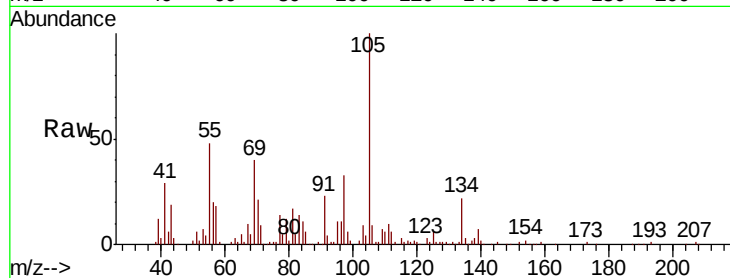
P001-SS019-1824-01MEDL

Tot Ion:105 Resp: 97790

Ion Ratio Lower Upper

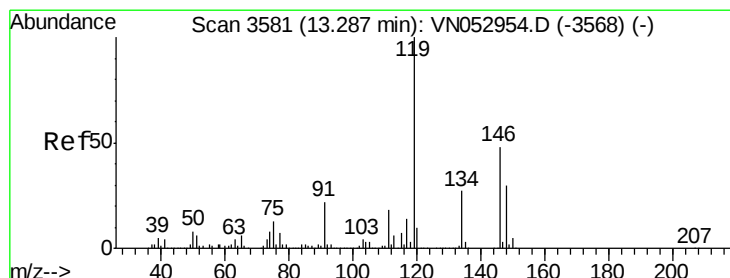
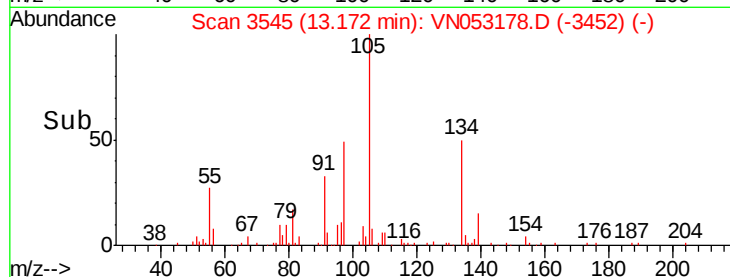
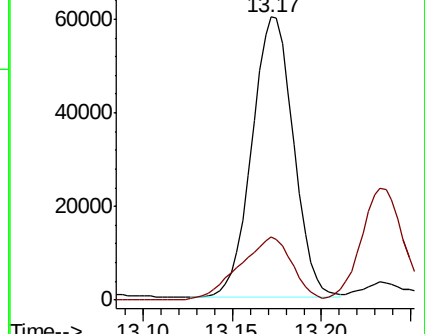
105 100

134 28.4 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 1.728 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN053178.D

Acq: 24 Dec 2018 12:06

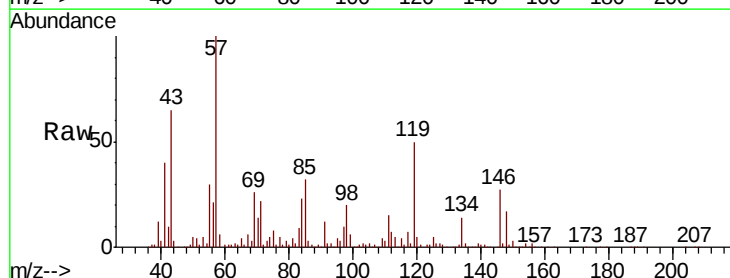
Tgt Ion:119 Resp: 92001

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.2

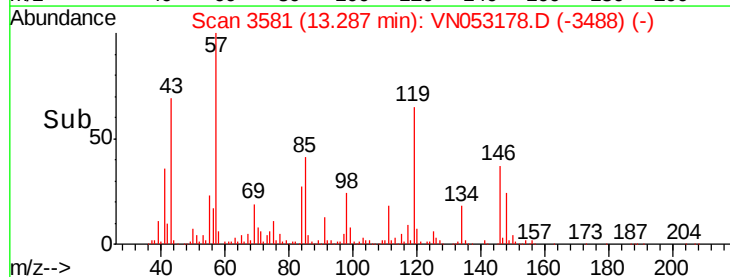
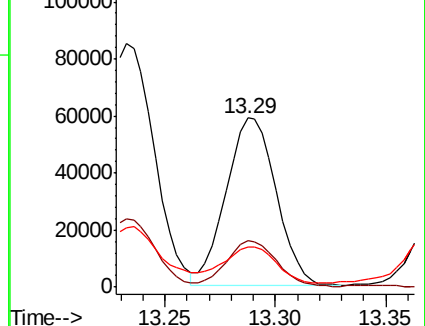
91 22.4 11.1 33.3

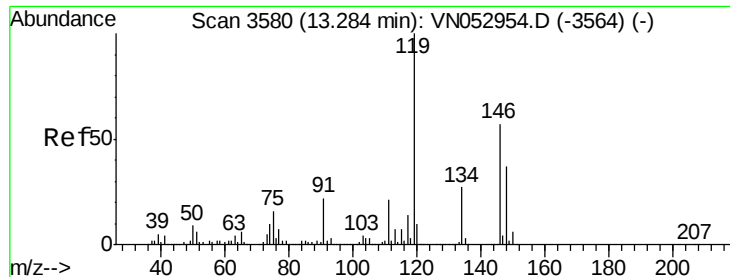


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

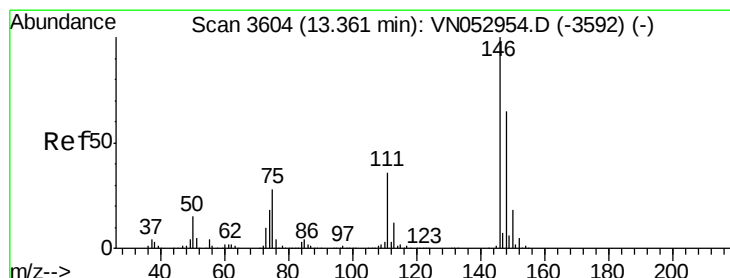
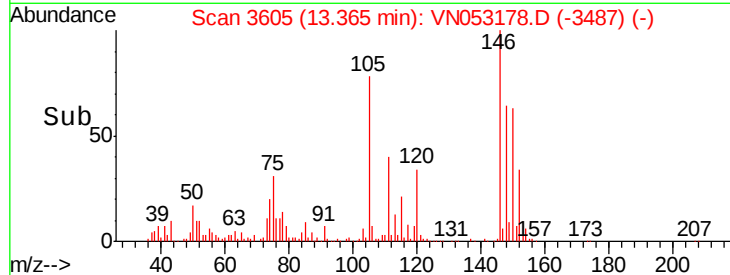
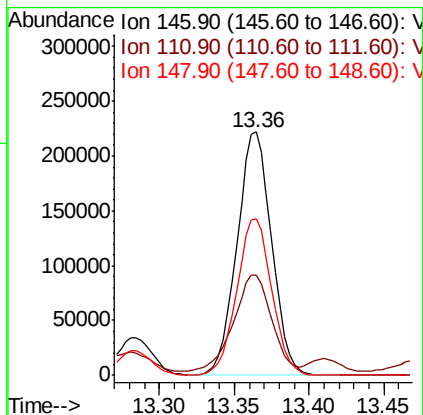
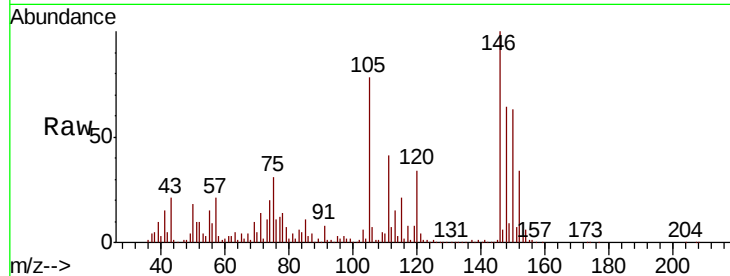




#87
 1,3-Dichlorobenzene
 Concen: 12.290 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.08 min
 Lab File: VN053178.D
 Acq: 24 Dec 2018 12:06

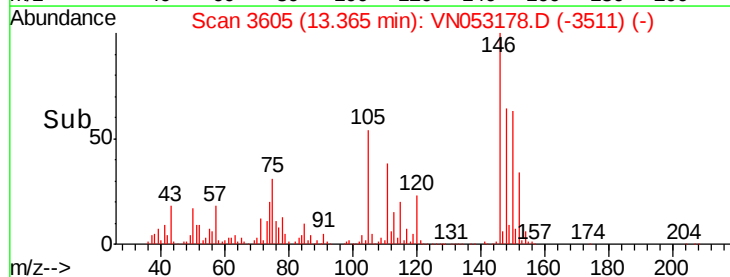
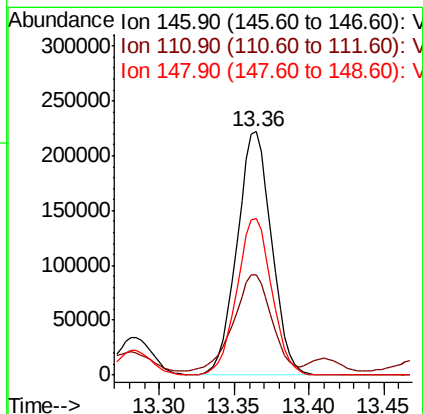
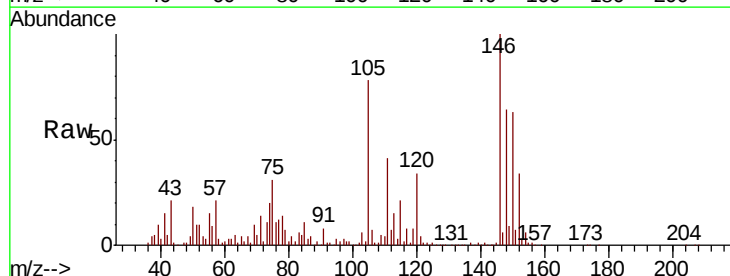
Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SS019-1824-01MEDL

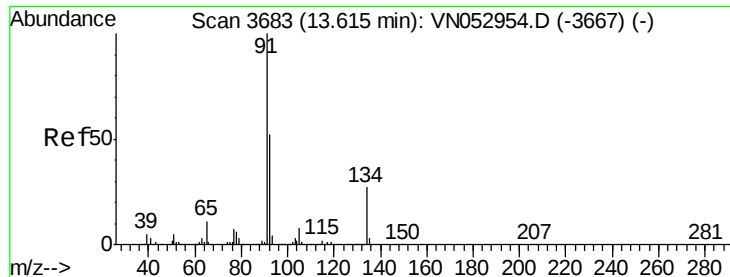
Tot Ion:146 Resp: 357403
 Ion Ratio Lower Upper
 146 100
 111 43.3 19.1 57.1
 148 65.1 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 12.136 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN053178.D
 Acq: 24 Dec 2018 12:06

Tgt Ion:146 Resp: 357403
 Ion Ratio Lower Upper
 146 100
 111 43.3 18.6 55.8
 148 65.1 32.1 96.5

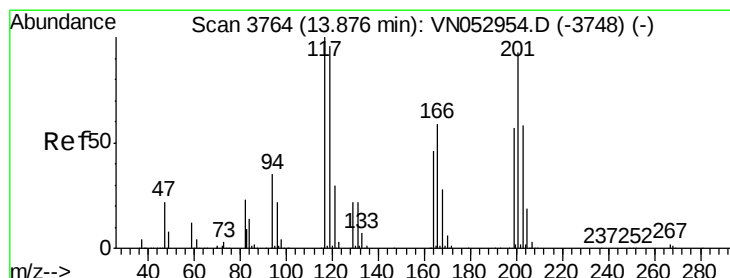
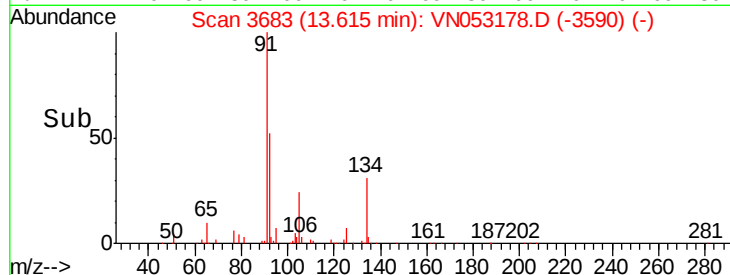
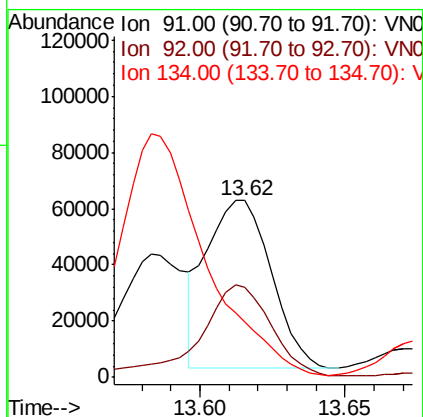
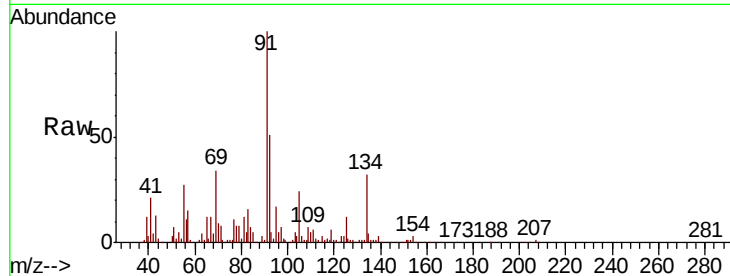




#89
n-Butylbenzene
Concen: 2.017 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN053178.D
Acq: 24 Dec 2018 12:06

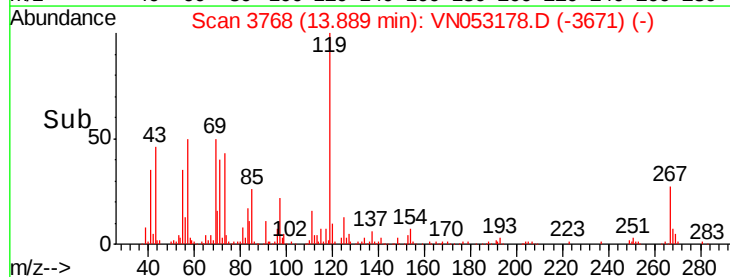
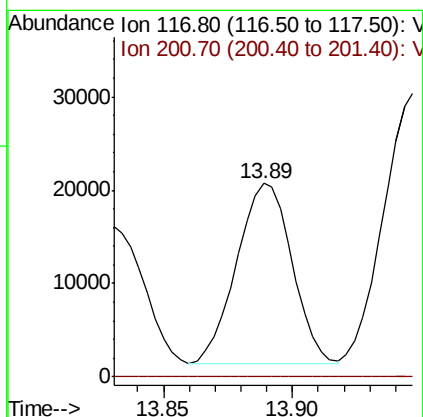
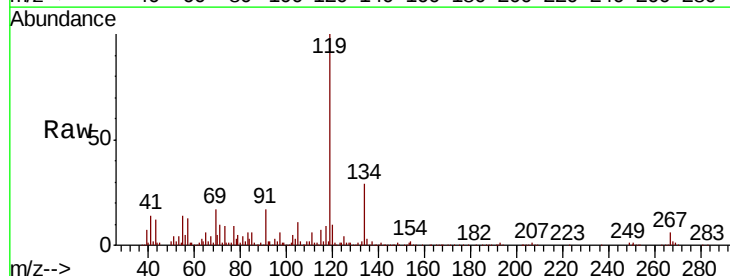
Instrument :
MSVOA_N
ClientSampleId :
P001-SS019-1824-01MEDL

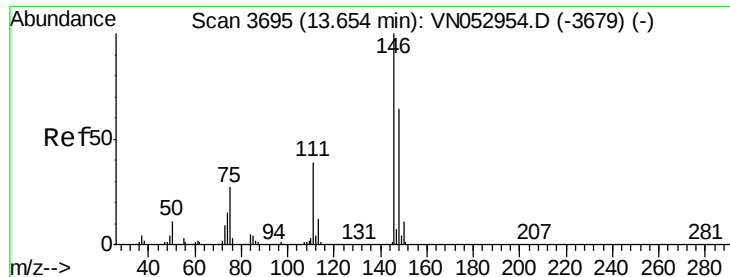
Tot Ion: 91 Resp: 92422
Ion Ratio Lower Upper
91 100
92 59.4 26.3 78.9
134 0.0 13.3 39.8#



#90
Hexachloroethane
Concen: 3.518 ug/l
RT: 13.89 min Scan# 3768
Delta R.T. 0.01 min
Lab File: VN053178.D
Acq: 24 Dec 2018 12:06

Tgt Ion: 117 Resp: 28753
Ion Ratio Lower Upper
117 100
201 0.0 45.7 137.1#





#91

1,2-Dichlorobenzene

Concen: 0.408 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. -0.00 min

Lab File: VN053178.D

Acq: 24 Dec 2018 12:06

Instrument :

MSVOA_N

ClientSampleId :

P001-SS019-1824-01MEDL

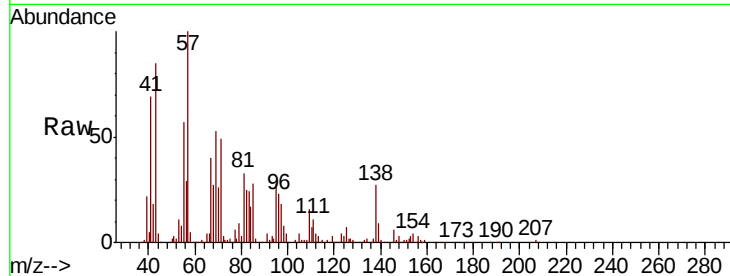
Tot Ion:146 Resp: 11170

Ion Ratio Lower Upper

146 100

111 124.6 19.7 59.0#

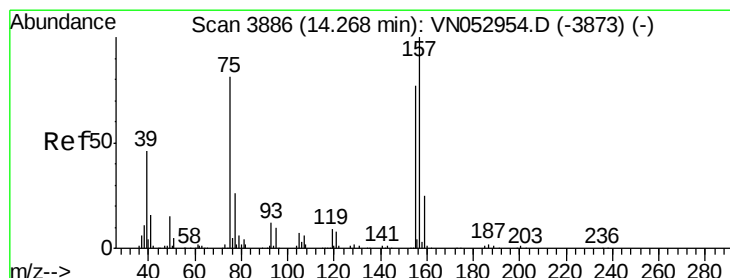
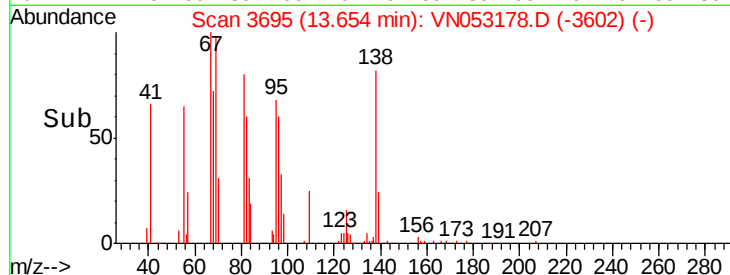
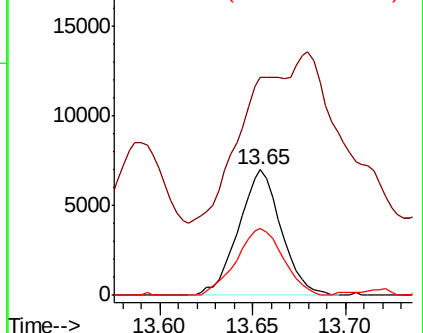
148 58.4 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.902 ug/l

RT: 14.25 min Scan# 3880

Delta R.T. -0.02 min

Lab File: VN053178.D

Acq: 24 Dec 2018 12:06

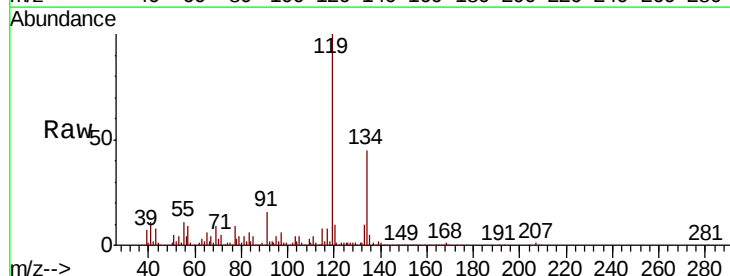
Tgt Ion: 75 Resp: 1934

Ion Ratio Lower Upper

75 100

155 0.0 48.2 144.6#

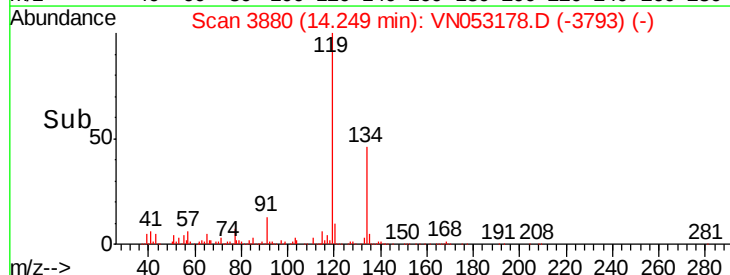
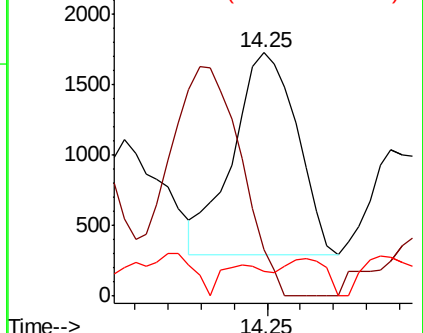
157 11.6 61.2 183.5#

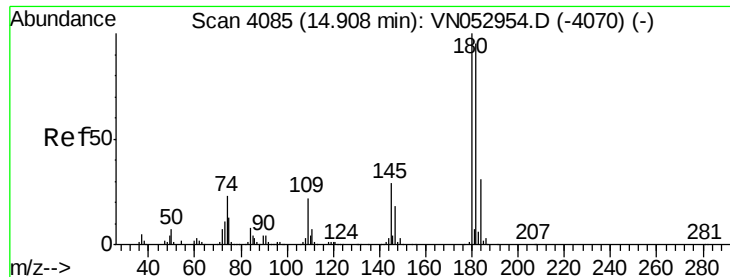


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

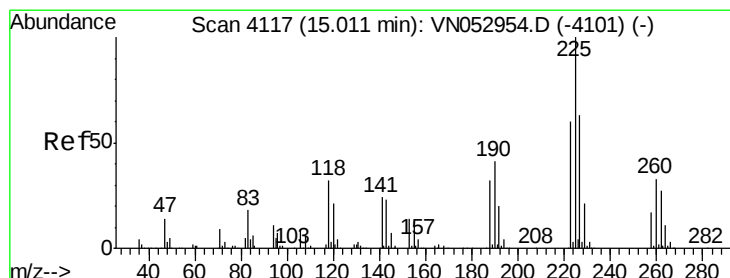
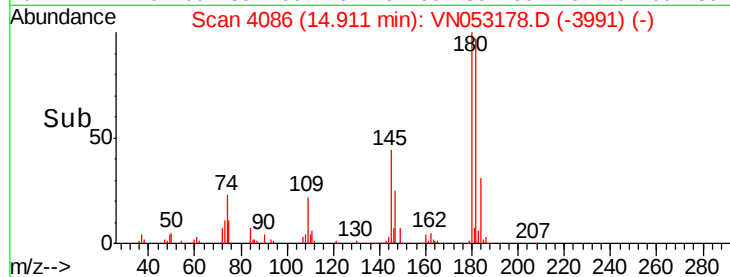
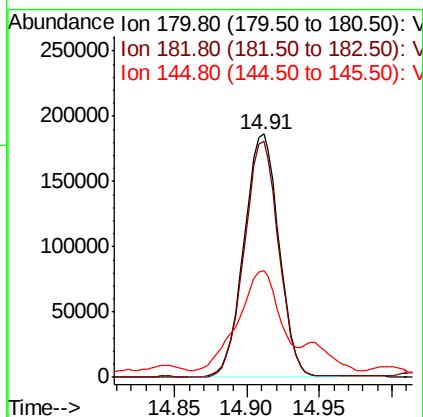
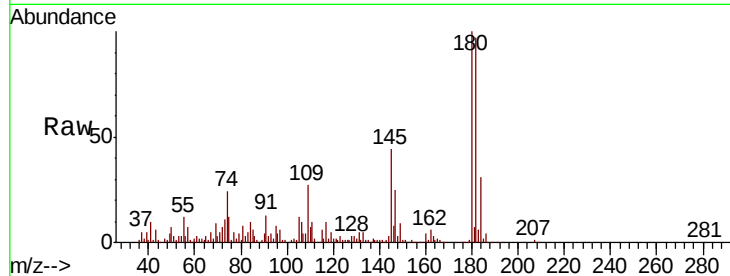




#93
 1,2,4-Trichlorobenzene
 Concen: 21.821 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN053178.D
 Acq: 24 Dec 2018 12:06

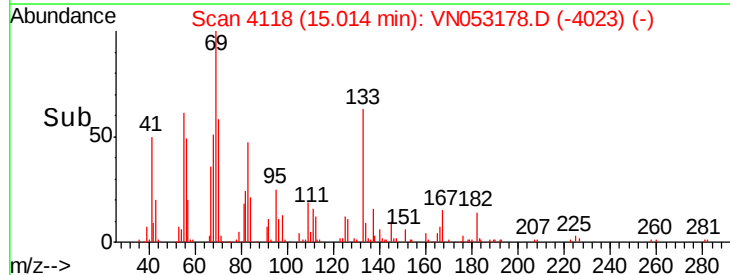
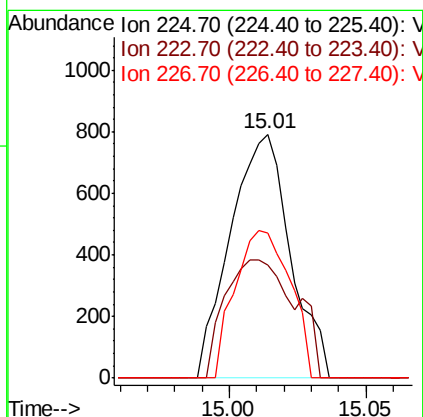
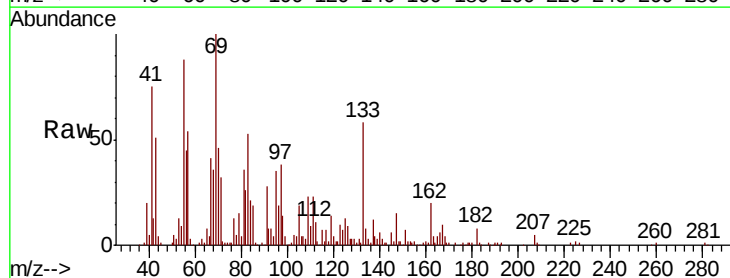
Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SS019-1824-01MEDL

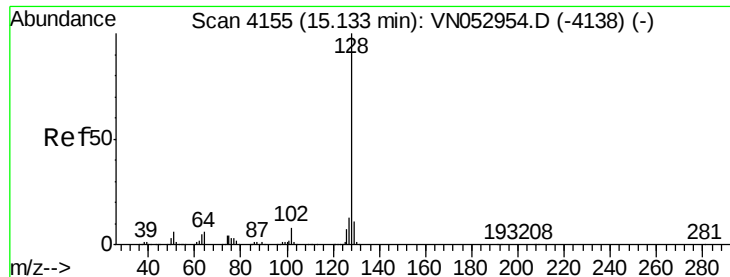
Tot Ion:180 Resp: 311487
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.8 143.3
 145 49.8 14.2 42.6#



#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN053178.D
 Acq: 24 Dec 2018 12:06

Tgt Ion:225 Resp: 1207
 Ion Ratio Lower Upper
 225 100
 223 56.8 31.5 94.5
 227 55.8 31.9 95.7





#95

Naphthalene

Concen: 11.041 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053178.D

Acq: 24 Dec 2018 12:06

Instrument :

MSVOA_N

ClientSampleId :

P001-SS019-1824-01MEDL

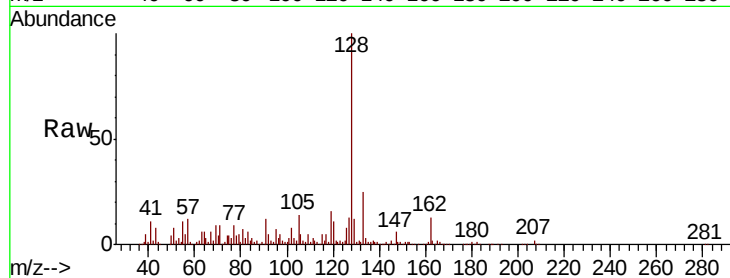
Tot Ion:128 Resp: 321654

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.4

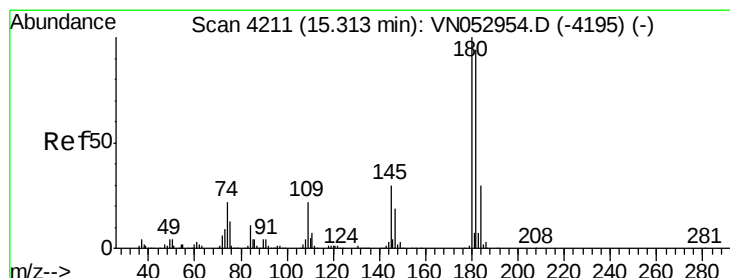
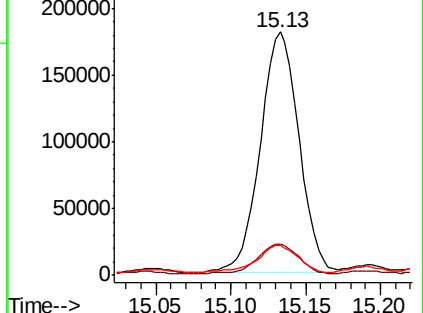
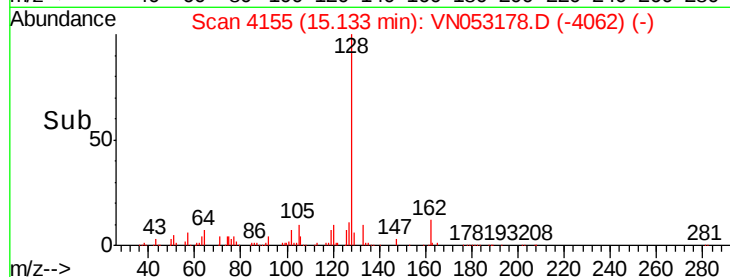
129 11.6 8.6 13.0



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: 6.505 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN053178.D

Acq: 24 Dec 2018 12:06

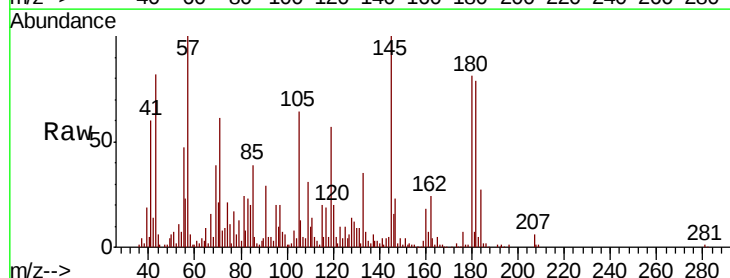
Tgt Ion:180 Resp: 79110

Ion Ratio Lower Upper

180 100

182 90.4 47.9 143.7

145 96.3 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

