

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122218\
 Data File : VN053131.D
 Acq On : 22 Dec 2018 14:31
 Operator : MD\SY
 Sample : J6377-03MEDL 20X
 Misc : 2.80g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SD014-0006-01MEDL

Quant Time: Dec 23 23:04:26 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	1339506	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2037039	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1849187	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	734299	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	634091	46.65	ug/l	0.00
Spiked Amount			Recovery	=	93.30%	
35) Dibromofluoromethane	7.59	113	533360	57.32	ug/l	0.00
Spiked Amount			Recovery	=	114.64%	
50) Toluene-d8	10.09	98	2505454	50.16	ug/l	0.00
Spiked Amount			Recovery	=	100.32%	
62) 4-Bromofluorobenzene	12.40	95	841279	47.97	ug/l	0.00
Spiked Amount			Recovery	=	95.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Allyl chloride	4.60	41	28864	1.460	ug/l #	51
16) Acetone	3.82	43	921	0.346	ug/l #	56
18) Methyl Acetate	4.60	43	65165	6.272	ug/l #	51
25) 2-Butanone	6.63	43	19270	4.308	ug/l #	49
31) Cyclohexane	7.66	56	56068	1.361	ug/l #	40
36) 1,1-Dichloropropene	7.67	75	88778	4.541	ug/l #	49
38) Carbon Tetrachloride	7.67	117	115333	6.436	ug/l #	16
39) Methylcyclohexane	9.08	83	60405	2.543	ug/l	97
43) Isopropyl Acetate	8.15	43	2573	Below Cal	#	53
52) Toluene	10.16	92	14784	0.410	ug/l	98
55) 1,1,2-Trichloroethane	10.54	97	3179	0.253	ug/l #	22
65) Chlorobenzene	11.44	112	44387	1.083	ug/l	100
67) Ethyl Benzene	11.62	91	2530356	35.895	ug/l #	66
68) m/p-Xylenes	11.62	106	1255084	46.833	ug/l	99
69) o-Xylene	11.95	106	9741	0.379	ug/l	98
71) Bromoform	12.40	173	4923	0.478	ug/l #	1
73) Isopropylbenzene	12.25	105	15944	0.278	ug/l	95
76) 1,2,3-Trichloropropane	12.40	75	394869	31.944	ug/l #	100
77) Bromobenzene	12.54	156	4859	0.325	ug/l #	1
78) n-propylbenzene	12.59	91	29904	0.457	ug/l	98
79) 2-Chlorotoluene	12.66	91	11098	0.274	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.73	105	43011	0.918	ug/l	94
81) trans-1,4-Dichloro-2-buten	12.40	75	394869	102.960	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.04	105	144592	3.071	ug/l	99
85) sec-Butylbenzene	13.04	105	144592	2.581	ug/l #	56
86) p-Isopropyltoluene	13.29	119	24648	0.509	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	8046	0.304	ug/l	96
88) 1,4-Dichlorobenzene	13.36	146	83787	3.130	ug/l	91
90) Hexachloroethane	13.89	117	2357	0.317	ug/l #	4
93) 1,2,4-Trichlorobenzene	14.91	180	616	0.642	ug/l #	33
95) Naphthalene	15.13	128	49234	2.813	ug/l	99
96) 1,2,3-Trichlorobenzene	15.33	180	793	0.574	ug/l #	64

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Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration

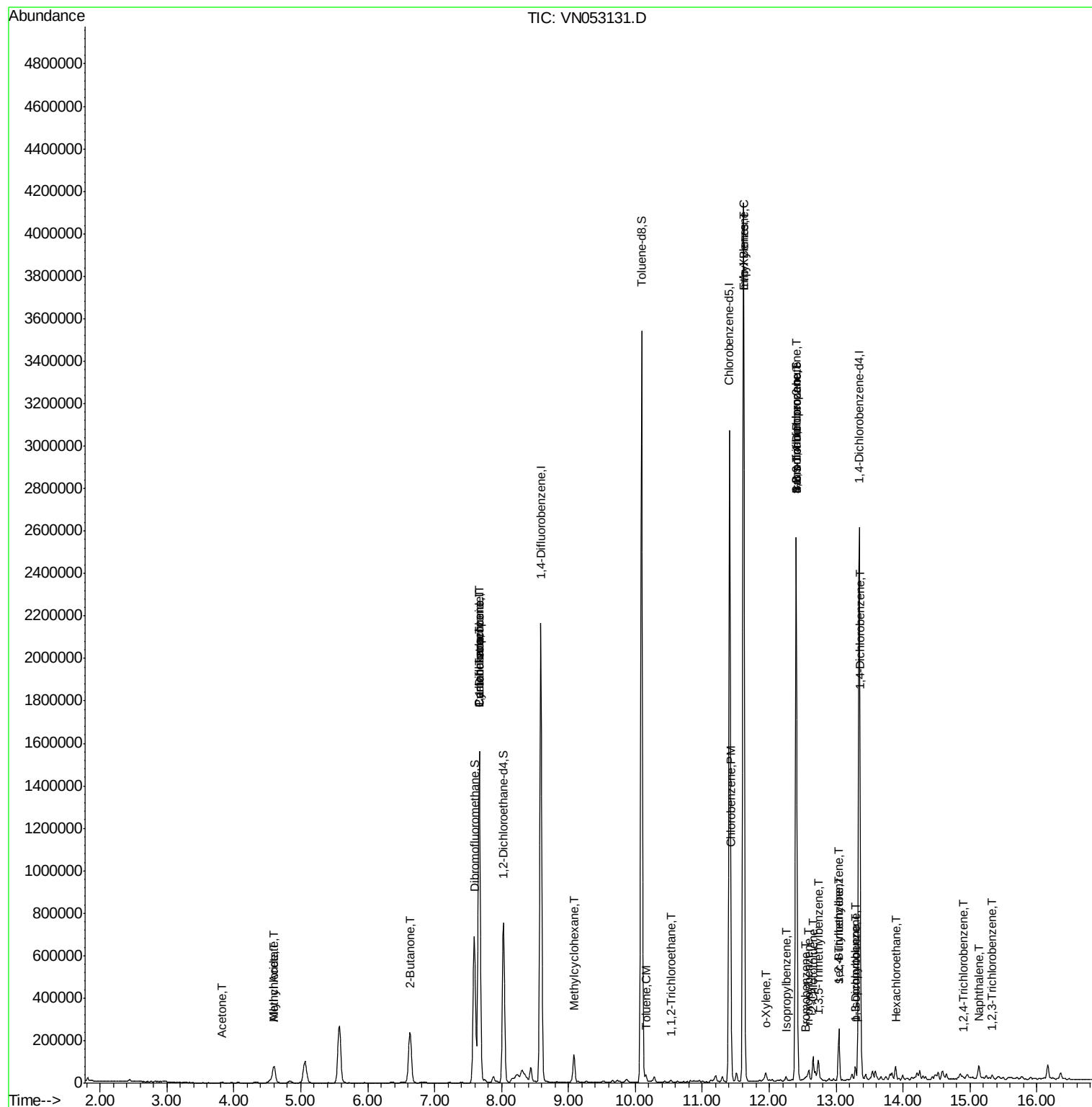
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

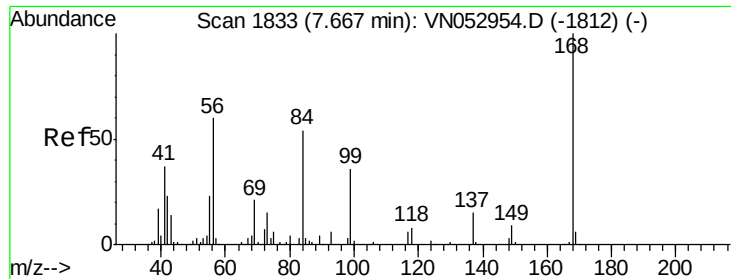
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN122218\
Data File : VN053131.D
Acq On : 22 Dec 2018 14:31
Operator : MD\SY
Sample : J6377-03MEDL 20X
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN053131.D

Acq: 22 Dec 2018 14:31

Instrument :

MSVOA_N

ClientSampleId :

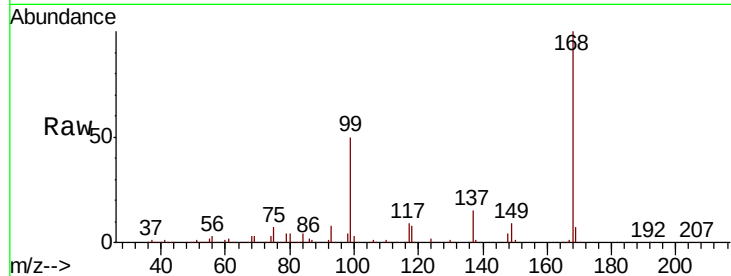
P001-SD014-0006-01MEDL

Tot Ion:168 Resp: 1339506

Ion Ratio Lower Upper

168 100

99 49.7 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

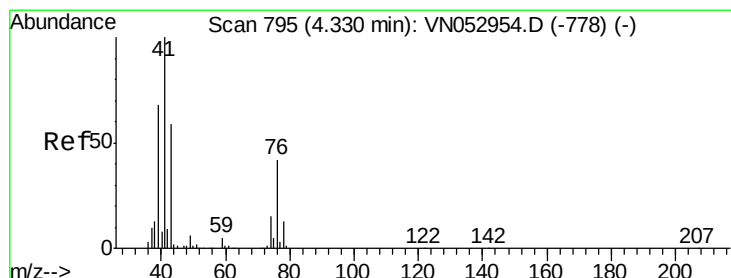
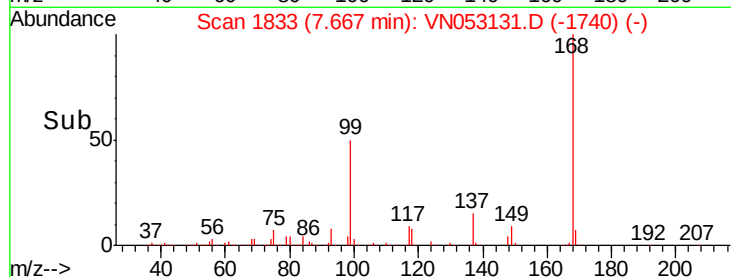
600000

400000

200000

0

Time-->



#14

Allyl chloride

Concen: 1.460 ug/l

RT: 4.60 min Scan# 879

Delta R.T. 0.27 min

Lab File: VN053131.D

Acq: 22 Dec 2018 14:31

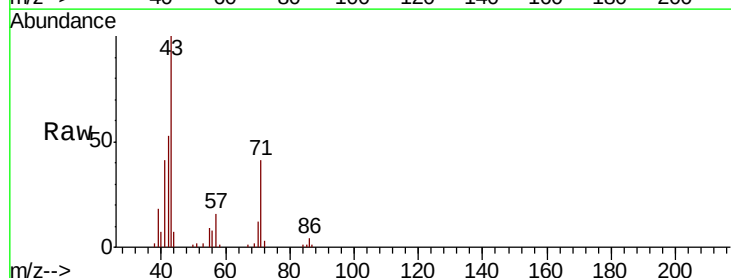
Tgt Ion: 41 Resp: 28864

Ion Ratio Lower Upper

41 100

39 34.8 54.1 81.1#

76 0.0 30.3 45.5#



Abundance Ion 41.00 (40.70 to 41.70): VN

Ion 39.00 (38.70 to 39.70): VN

Ion 75.90 (75.60 to 76.60): VN

4.60

12000

10000

8000

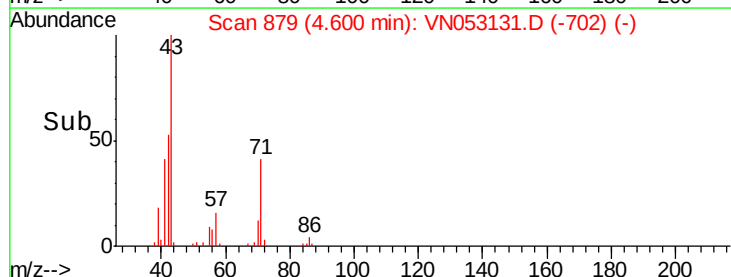
6000

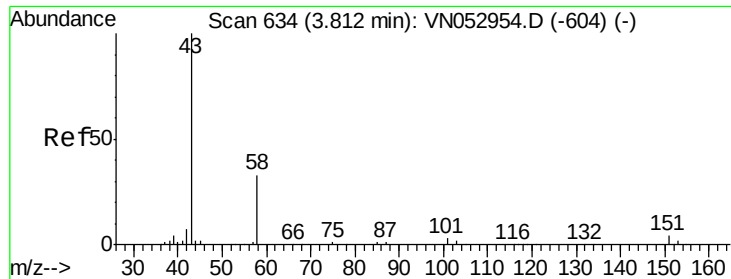
4000

2000

0

Time-->





#16

Acetone

Concen: 0.346 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN053131.D

Acq: 22 Dec 2018 14:31

Instrument :

MSVOA_N

ClientSampleId :

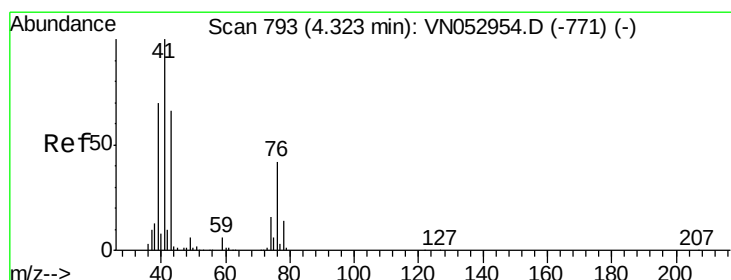
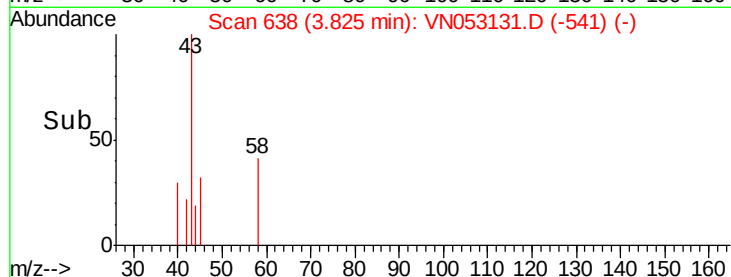
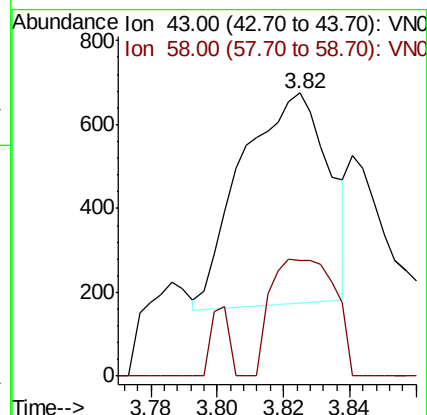
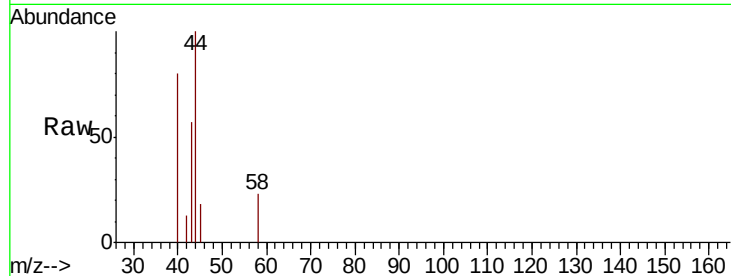
P001-SD014-0006-01MEDL

Tot Ion: 43 Resp: 921

Ion Ratio Lower Upper

43 100

58 56.0 25.4 38.0#



#18

Methyl Acetate

Concen: 6.272 ug/l

RT: 4.60 min Scan# 879

Delta R.T. 0.28 min

Lab File: VN053131.D

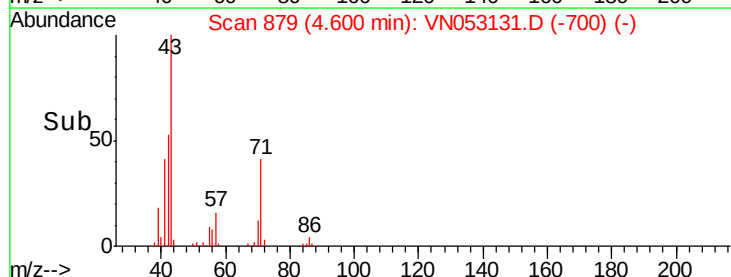
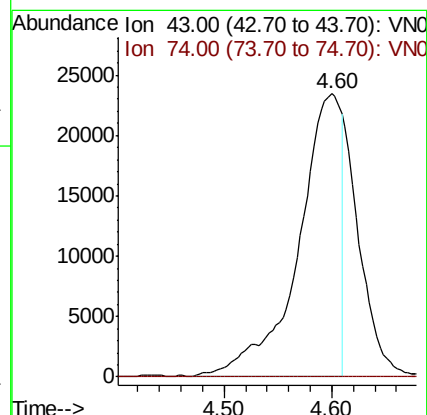
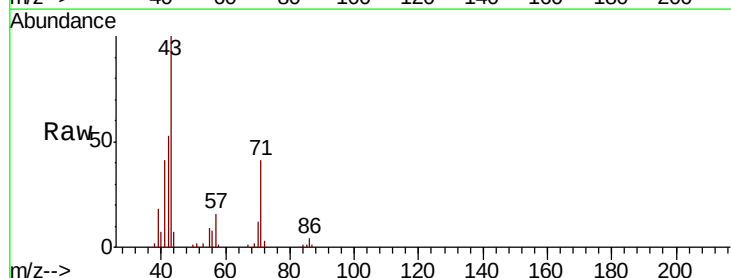
Acq: 22 Dec 2018 14:31

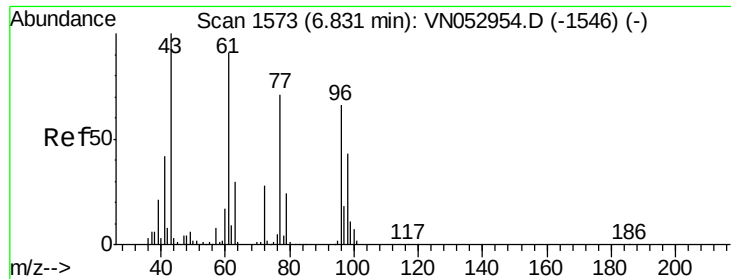
Tgt Ion: 43 Resp: 65165

Ion Ratio Lower Upper

43 100

74 0.0 19.2 28.8#





#25

2-Butanone

Concen: 4.308 ug/l

RT: 6.63 min Scan# 1511

Delta R.T. -0.20 min

Lab File: VN053131.D

Acq: 22 Dec 2018 14:31

Instrument :

MSVOA_N

ClientSampleId :

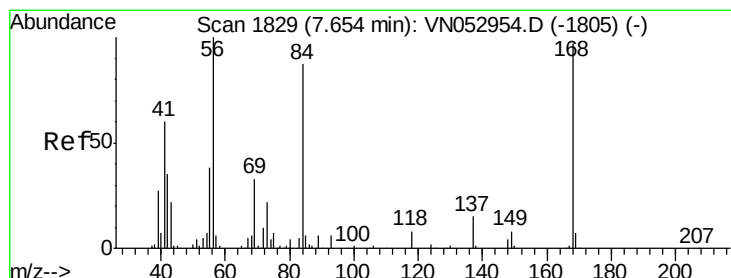
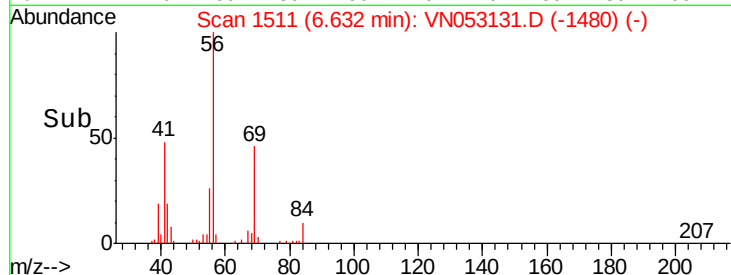
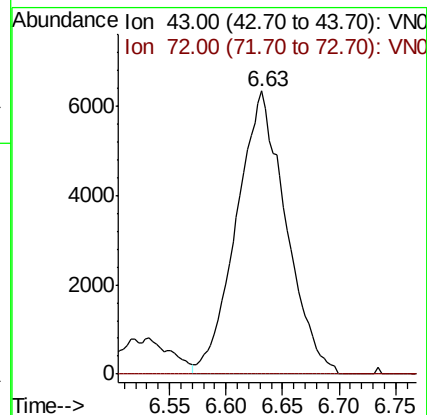
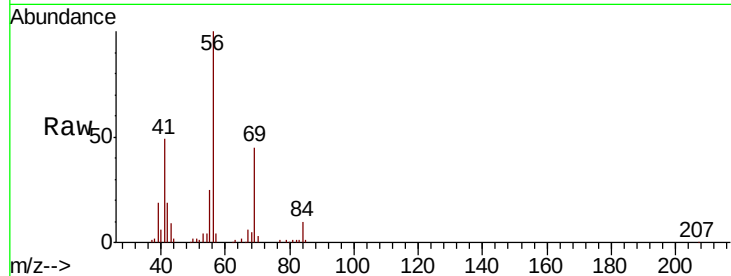
P001-SD014-0006-01MEDL

Tot Ion: 43 Resp: 19270

Ion Ratio Lower Upper

43 100

72 0.0 21.0 31.6#



#31

Cyclohexane

Concen: 1.361 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. 0.01 min

Lab File: VN053131.D

Acq: 22 Dec 2018 14:31

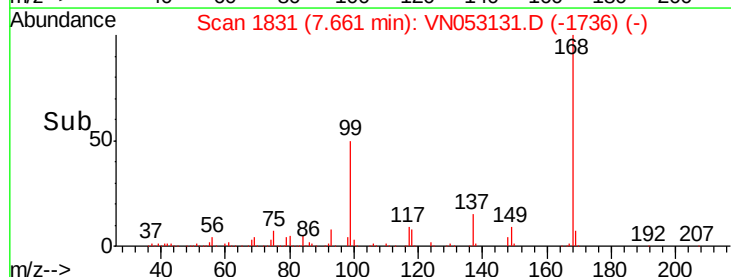
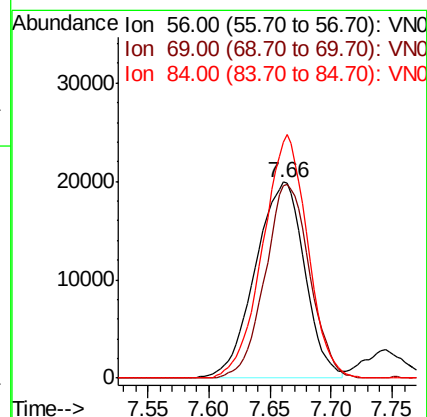
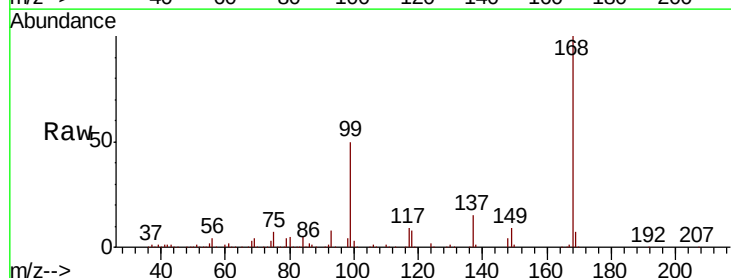
Tgt Ion: 56 Resp: 56068

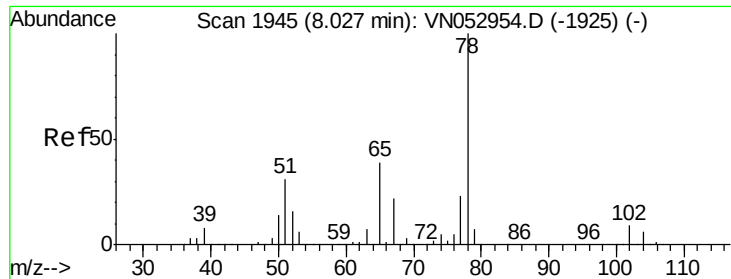
Ion Ratio Lower Upper

56 100

69 98.4 26.6 39.8#

84 120.4 68.4 102.6#

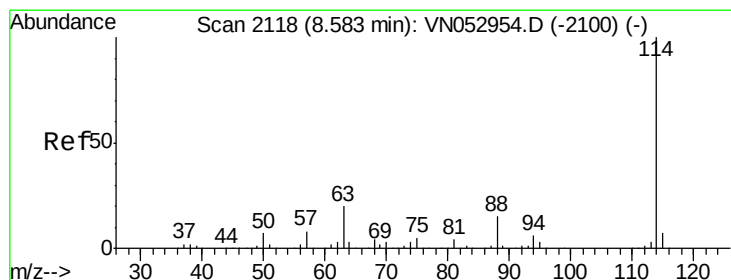
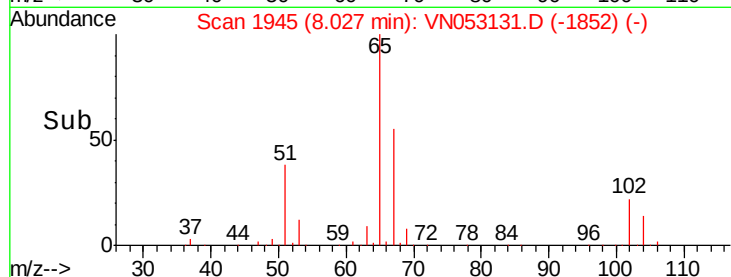
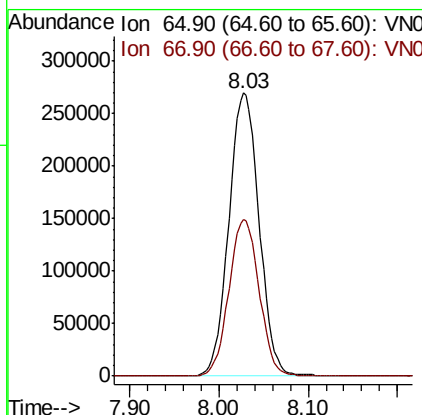
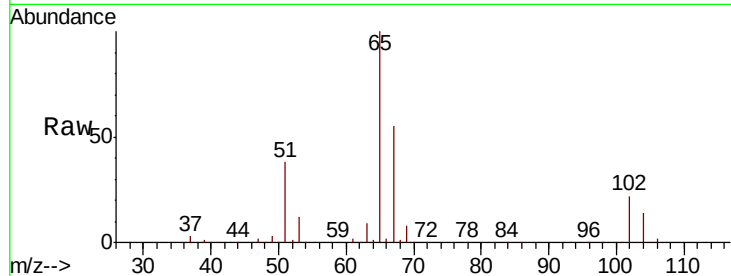




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN053131.D
 Acq: 22 Dec 2018 14:31

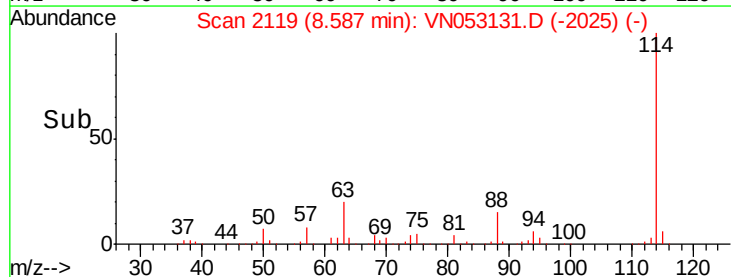
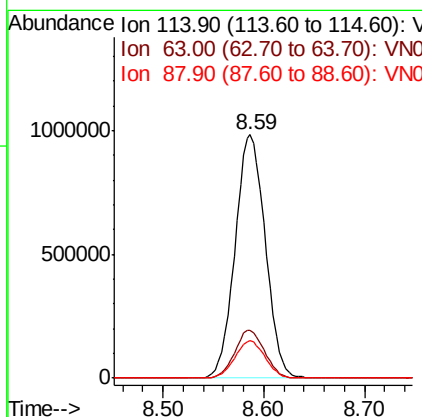
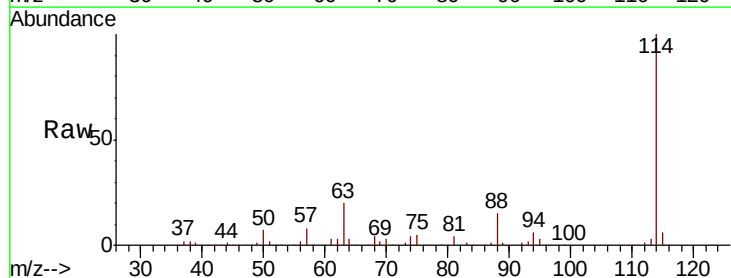
Instrument :
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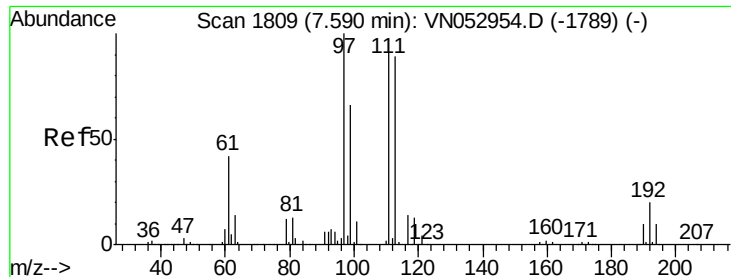
Tot Ion: 65 Resp: 634091
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053131.D
 Acq: 22 Dec 2018 14:31

Tgt Ion: 114 Resp: 2037039
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.8
 88 15.4 0.0 31.0

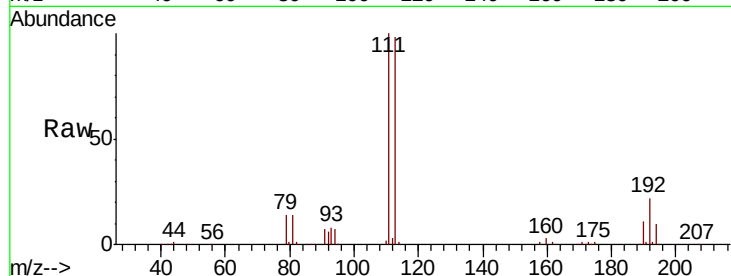




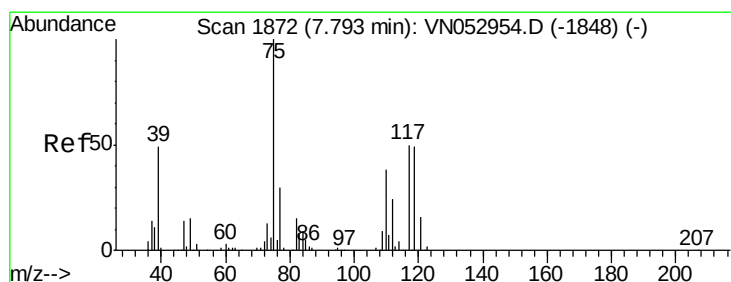
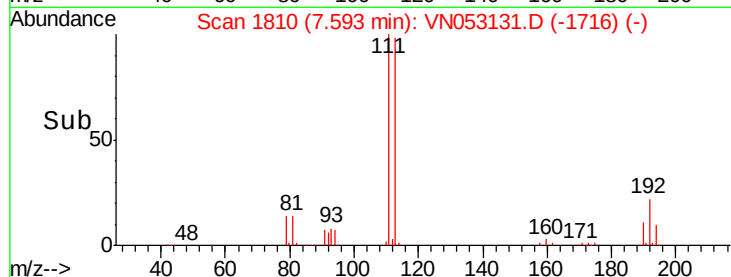
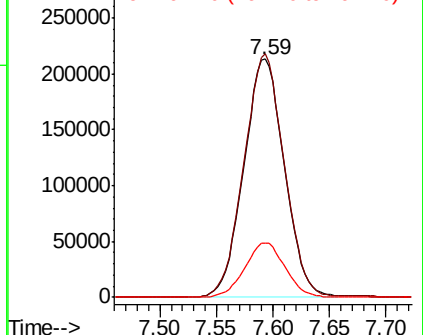
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053131.D
 Acq: 22 Dec 2018 14:31

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SD014-0006-01MEDL

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.2	83.0	124.4
192	22.8	17.5	26.3

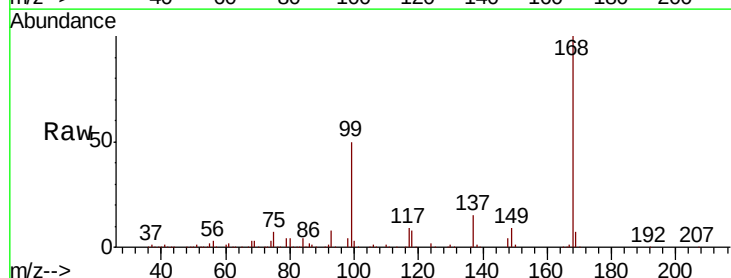


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

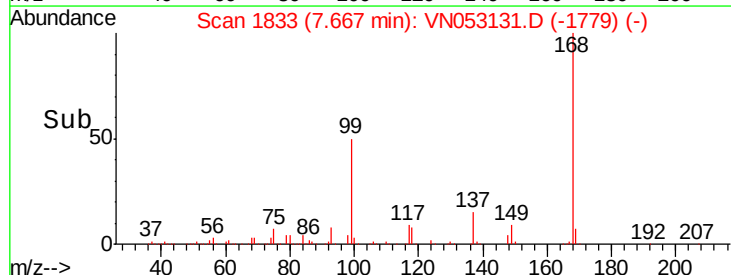
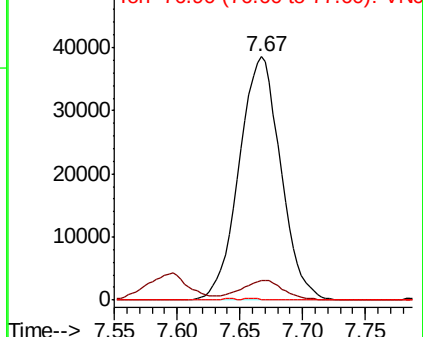


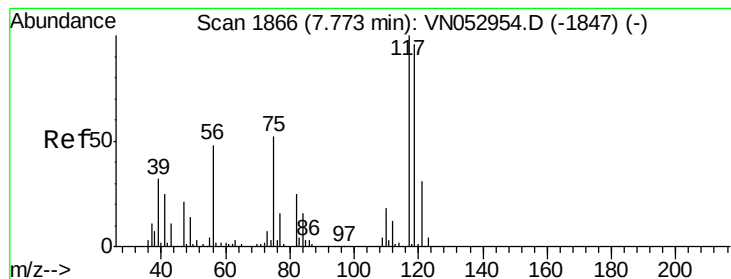
#36
 1,1-Dichloropropene
 Concen: 4.541 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN053131.D
 Acq: 22 Dec 2018 14:31

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.3	18.2	54.6#
77	0.3	24.9	37.3#



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 6.436 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN053131.D

Acq: 22 Dec 2018 14:31

Instrument :

MSVOA_N

ClientSampleId :

P001-SD014-0006-01MEDL

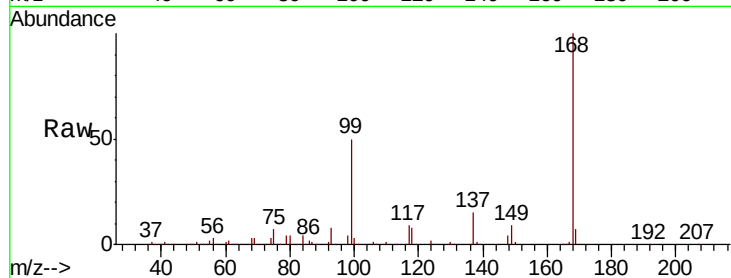
Tot Ion:117 Resp: 115333

Ion Ratio Lower Upper

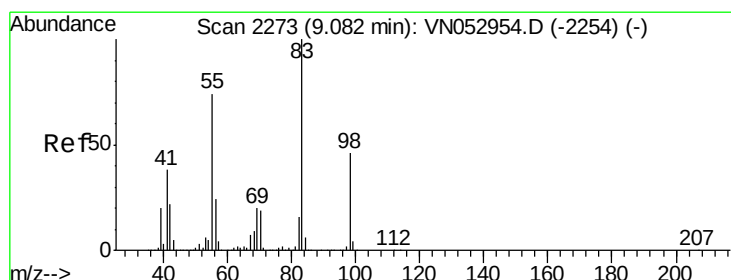
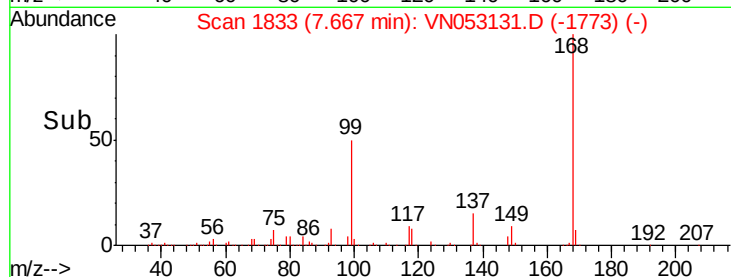
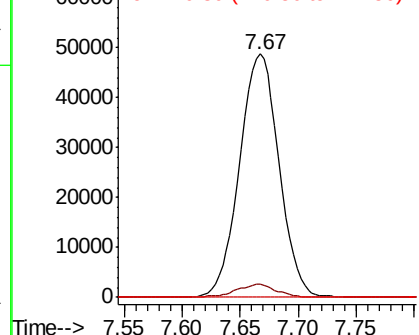
117 100

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



#39

Methylcyclohexane

Concen: 2.543 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN053131.D

Acq: 22 Dec 2018 14:31

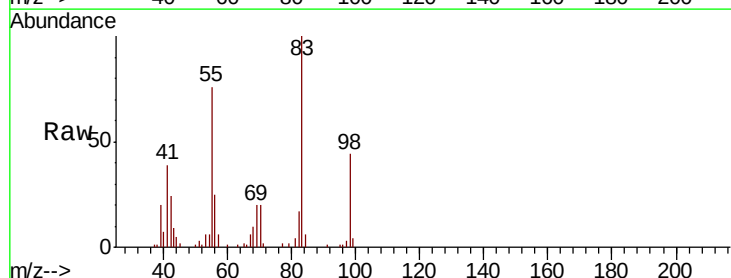
Tgt Ion: 83 Resp: 60405

Ion Ratio Lower Upper

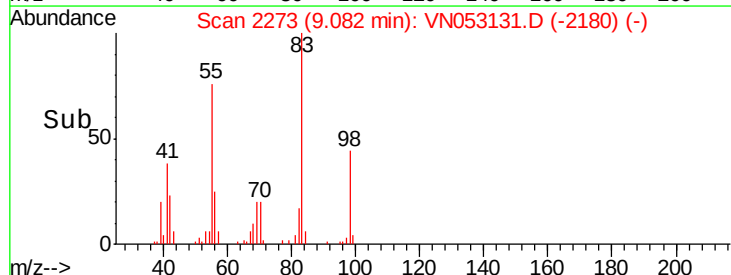
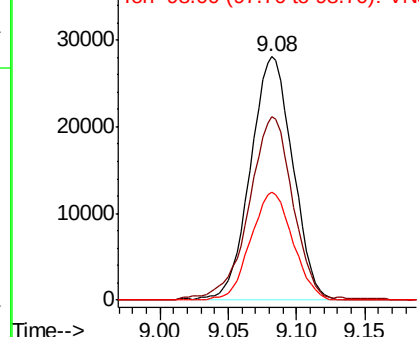
83 100

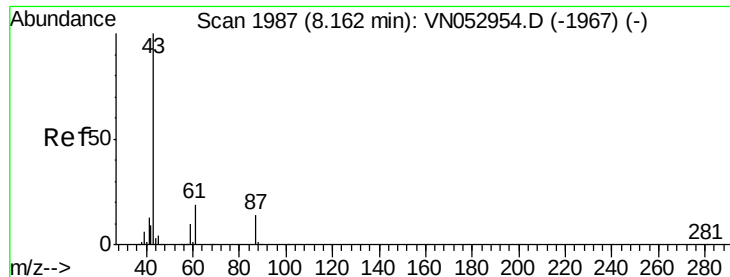
55 74.3 61.3 91.9

98 44.1 37.0 55.4



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

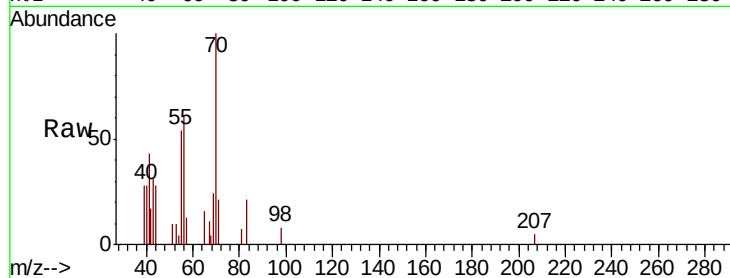




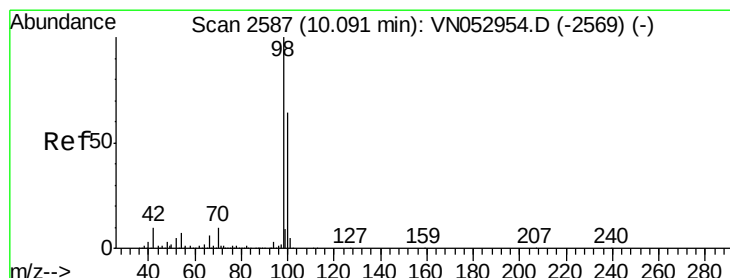
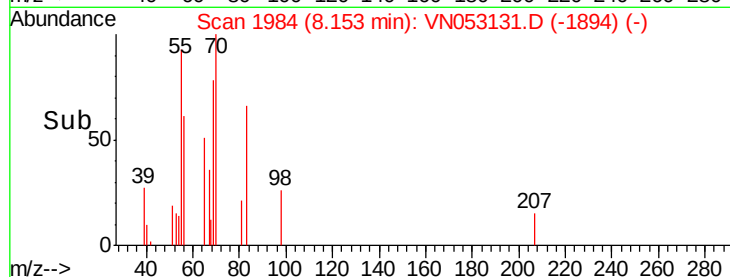
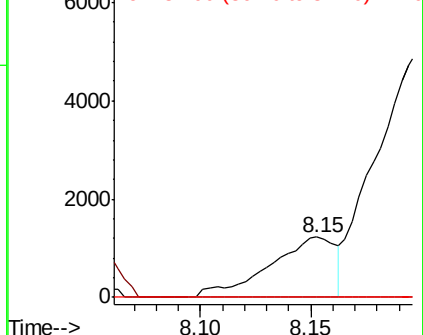
#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.15 min Scan# 1984
Delta R.T. -0.01 min
Lab File: VN053131.D
Acq: 22 Dec 2018 14:31

Instrument :
MSVOA_N
ClientSampleId :
P001-SD014-0006-01MEDL

Tot Ion: 43 Resp: 2573
Ion Ratio Lower Upper
43 100
61 0.0 22.9 34.3#
87 0.0 10.6 15.8#

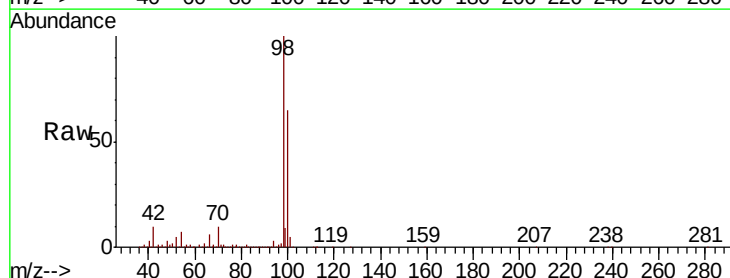


Abundance Ion 43.00 (42.70 to 43.70): VNC
Ion 61.00 (60.70 to 61.70): VNC
Ion 87.00 (86.70 to 87.70): VNC

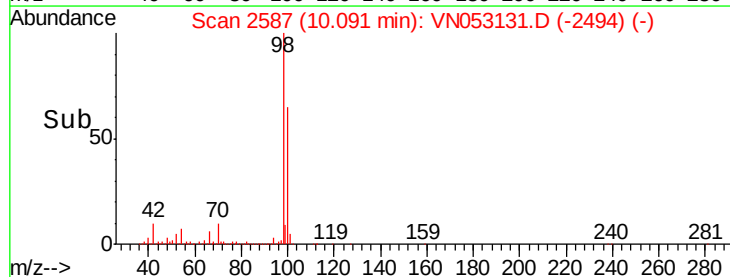
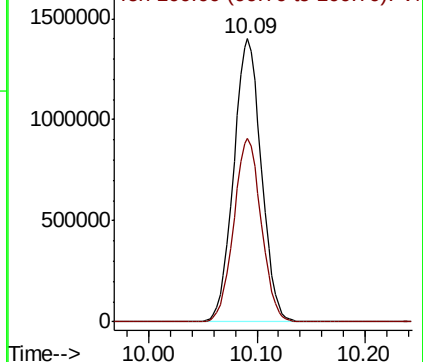


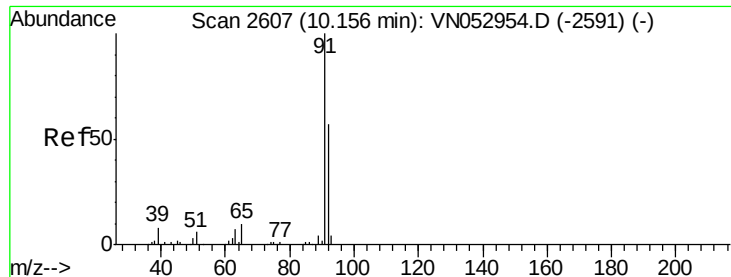
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN053131.D
Acq: 22 Dec 2018 14:31

Tgt Ion: 98 Resp: 2505454
Ion Ratio Lower Upper
98 100
100 64.6 51.6 77.4



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





#52

Toluene

Concen: 0.410 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN053131.D

Acq: 22 Dec 2018 14:31

Instrument :

MSVOA_N

ClientSampleId :

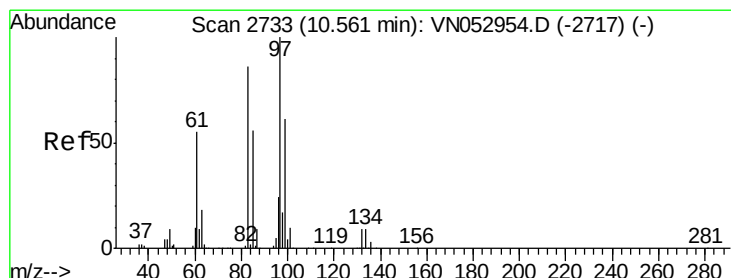
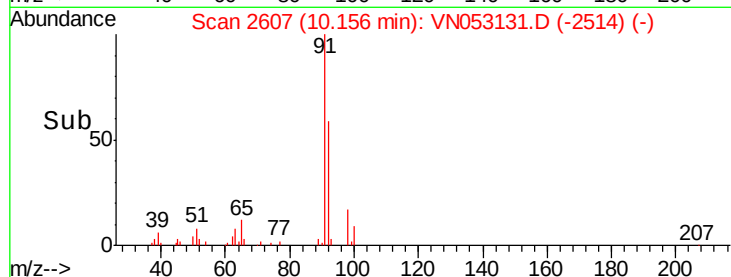
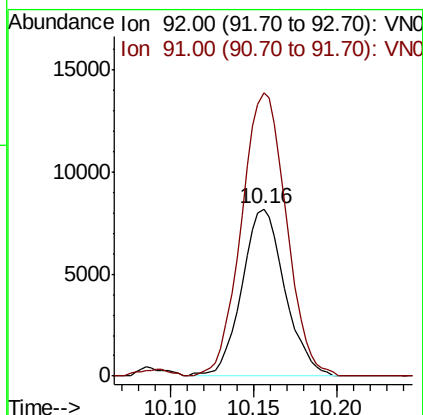
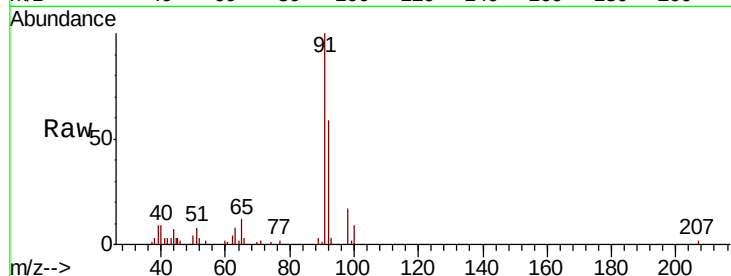
P001-SD014-0006-01MEDL

Tot Ion: 92 Resp: 14784

Ion Ratio Lower Upper

92 100

91 177.5 139.8 209.6



#55

1,1,2-Trichloroethane

Concen: 0.253 ug/l

RT: 10.54 min Scan# 2725

Delta R.T. -0.03 min

Lab File: VN053131.D

Acq: 22 Dec 2018 14:31

Tgt Ion: 97 Resp: 3179

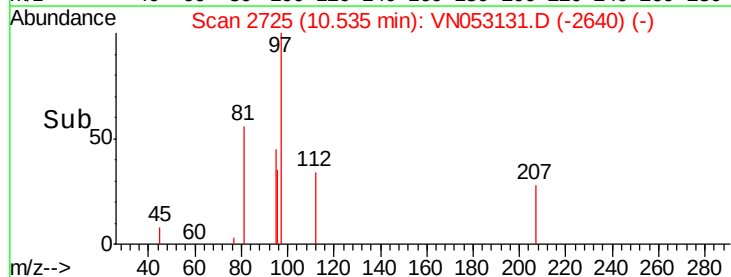
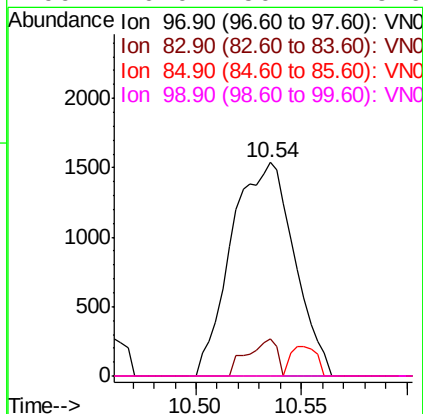
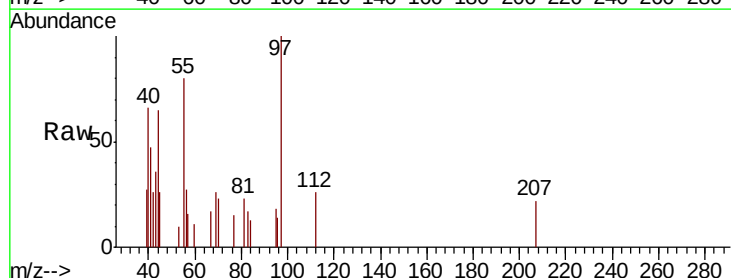
Ion Ratio Lower Upper

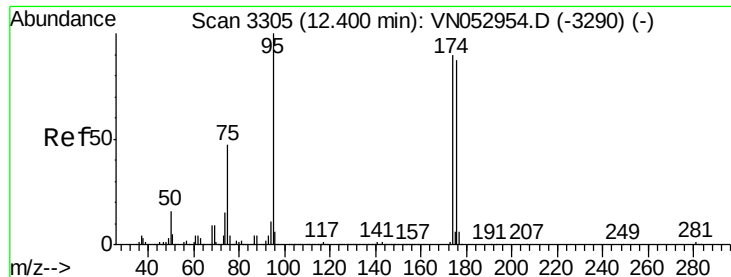
97 100

83 17.3 70.9 106.3#

85 0.0 45.4 68.2#

99 0.0 50.4 75.6#





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053131.D

Acq: 22 Dec 2018 14:31

Instrument :

MSVOA_N

ClientSampleId :

P001-SD014-0006-01MEDL

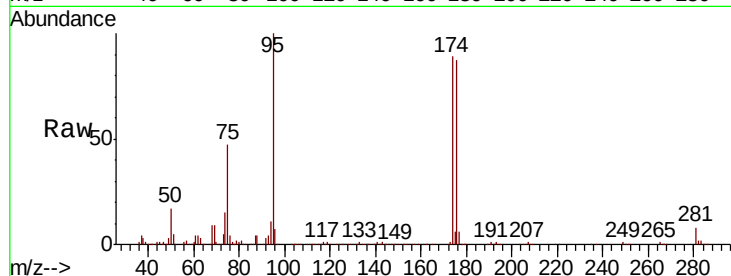
Tot Ion: 95 Resp: 841279

Ion Ratio Lower Upper

95 100

174 89.9 0.0 178.8

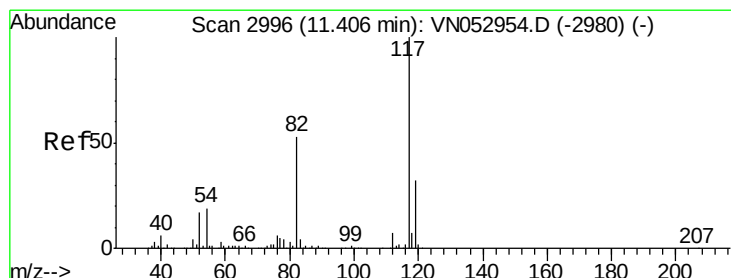
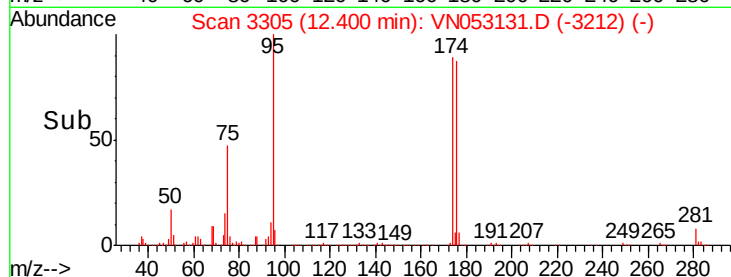
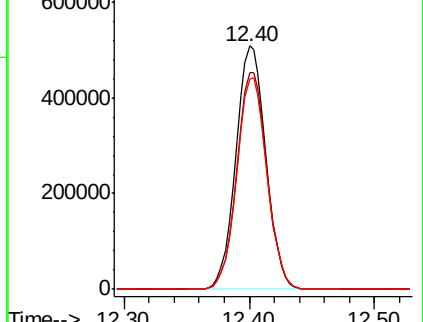
176 87.2 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VN053131.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN053131.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN053131.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN053131.D

Acq: 22 Dec 2018 14:31

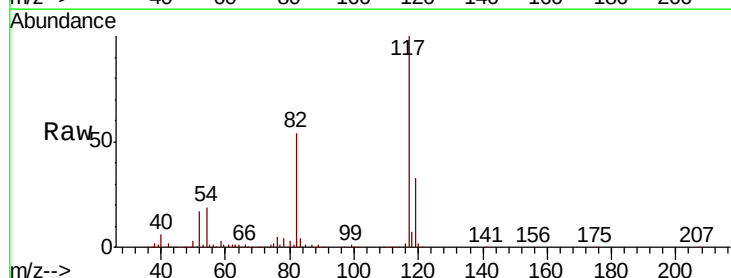
Tgt Ion: 117 Resp: 1849187

Ion Ratio Lower Upper

117 100

82 53.9 42.8 64.2

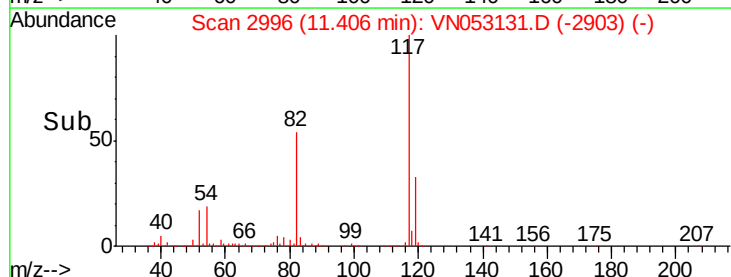
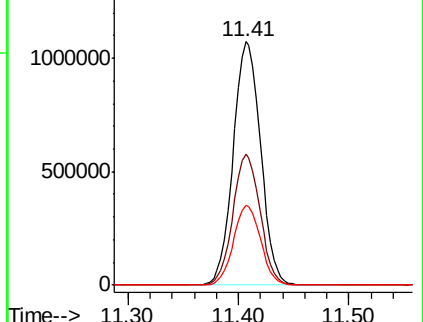
119 32.7 25.5 38.3

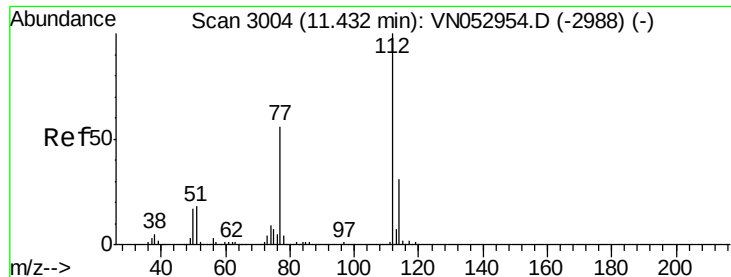


Abundance Ion 116.90 (116.60 to 117.60): VN053131.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN053131.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN053131.D (-2903) (-)

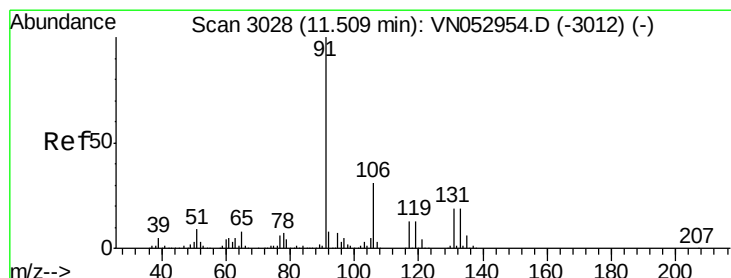
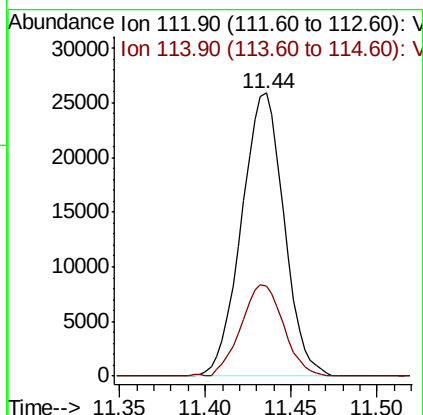
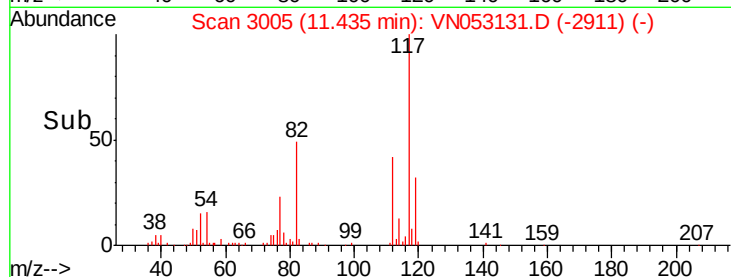
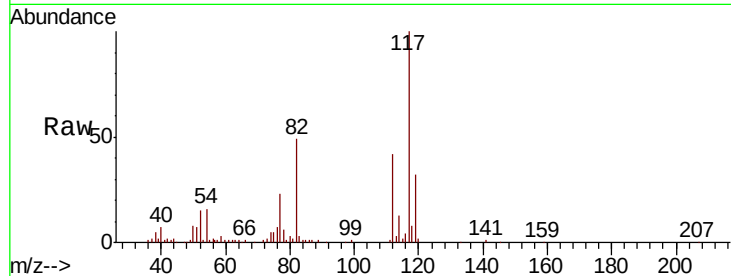




#65
Chlorobenzene
Concen: 1.083 ug/l
RT: 11.44 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN053131.D
Acq: 22 Dec 2018 14:31

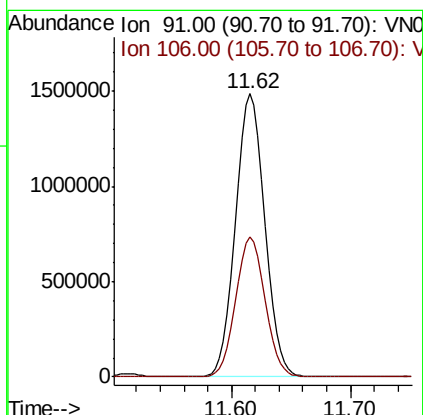
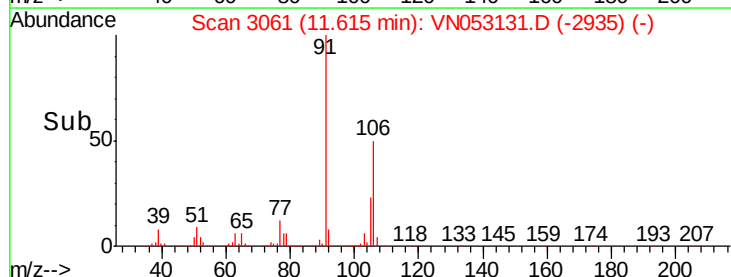
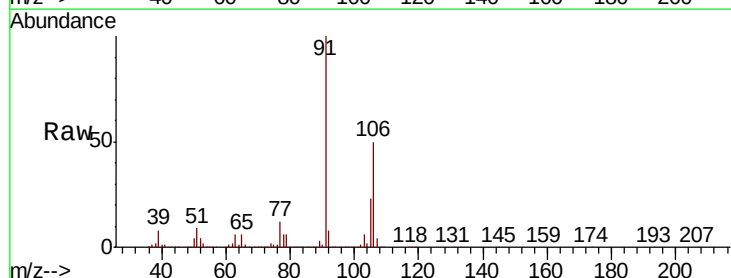
Instrument :
MSVOA_N
ClientSampleId :
P001-SD014-0006-01MEDL

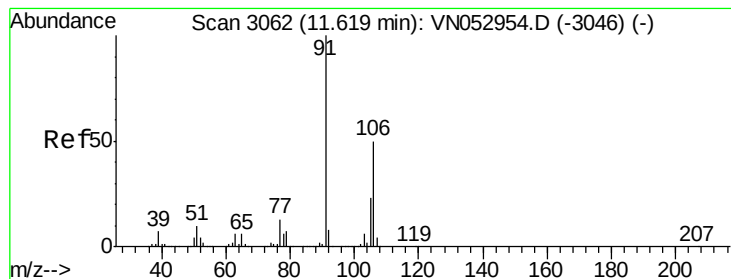
Tot Ion:112 Resp: 44387
Ion Ratio Lower Upper
112 100
114 31.7 25.5 38.3



#67
Ethyl Benzene
Concen: 35.895 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. 0.11 min
Lab File: VN053131.D
Acq: 22 Dec 2018 14:31

Tgt Ion: 91 Resp: 2530356
Ion Ratio Lower Upper
91 100
106 49.6 24.9 37.3#





#68

m/p-Xylenes

Concen: 46.833 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. -0.00 min

Lab File: VN053131.D

Acq: 22 Dec 2018 14:31

Instrument :

MSVOA_N

ClientSampleId :

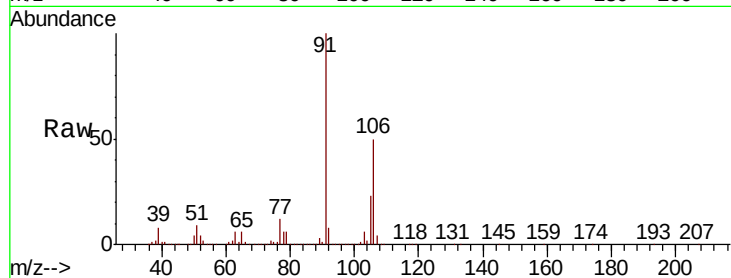
P001-SD014-0006-01MEDL

Tot Ion:106 Resp: 1255084

Ion Ratio Lower Upper

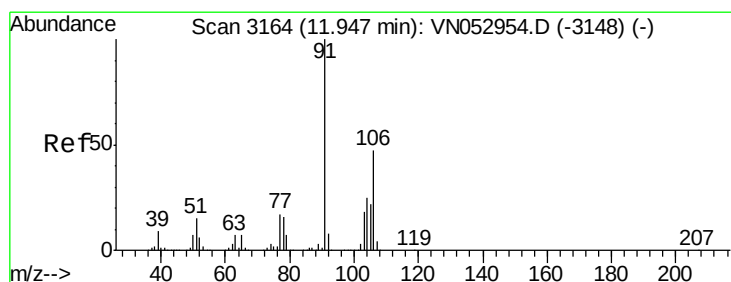
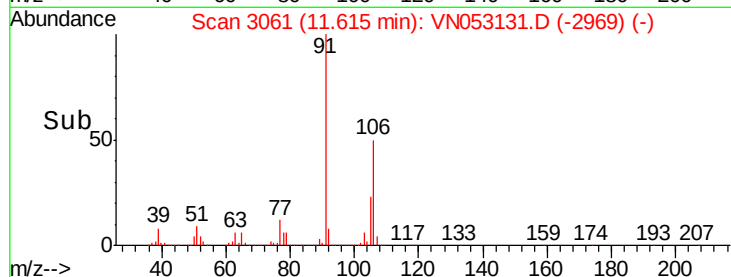
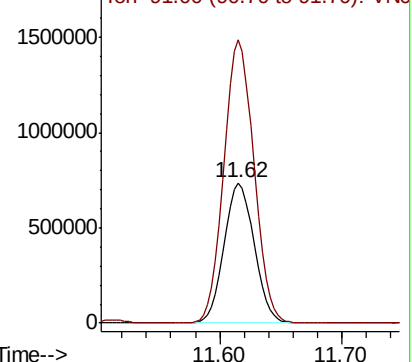
106 100

91 201.6 162.2 243.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#69

o-Xylene

Concen: 0.379 ug/l

RT: 11.95 min Scan# 3164

Delta R.T. -0.00 min

Lab File: VN053131.D

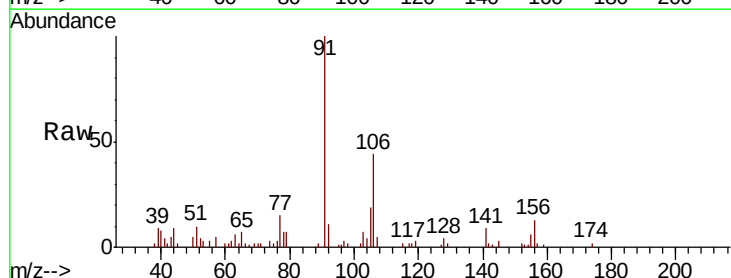
Acq: 22 Dec 2018 14:31

Tgt Ion:106 Resp: 9741

Ion Ratio Lower Upper

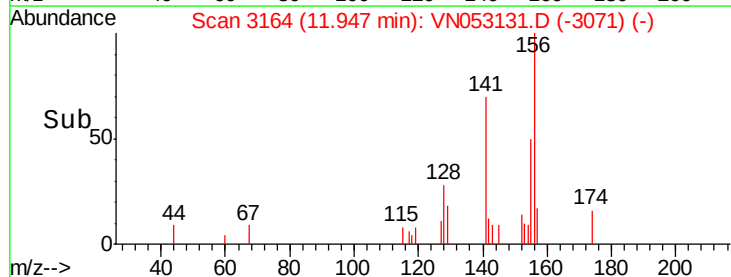
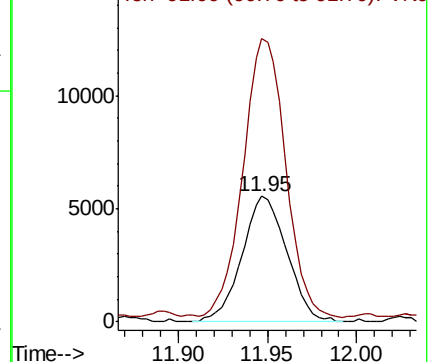
106 100

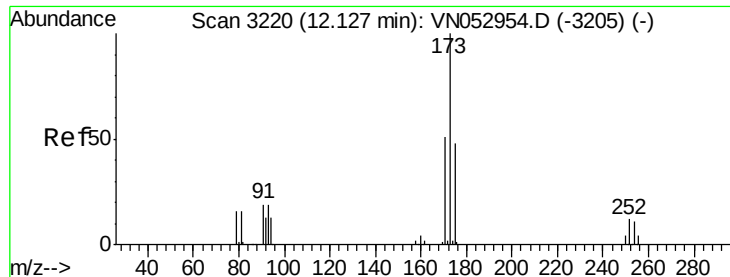
91 209.3 106.6 319.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN





#71

Bromoform

Concen: 0.478 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN053131.D

Acq: 22 Dec 2018 14:31

Instrument :

MSVOA_N

ClientSampleId :

P001-SD014-0006-01MEDL

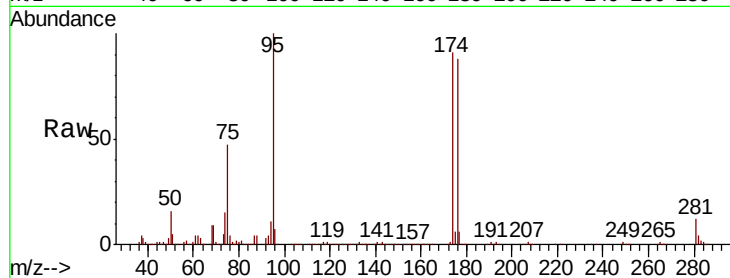
Tot Ion:173 Resp: 4923

Ion Ratio Lower Upper

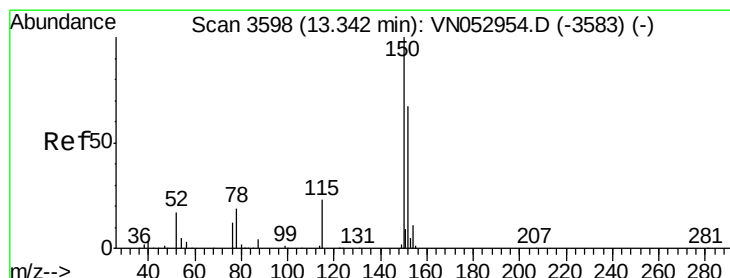
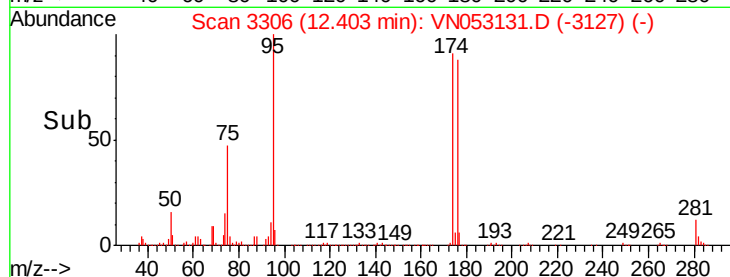
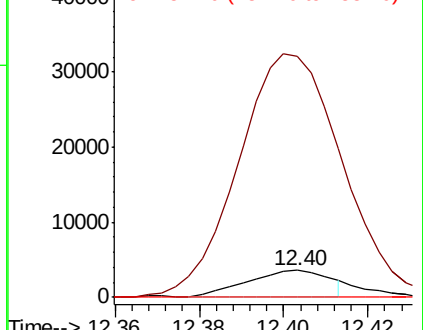
173 100

175 978.5 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: VN053131.D

Acq: 22 Dec 2018 14:31

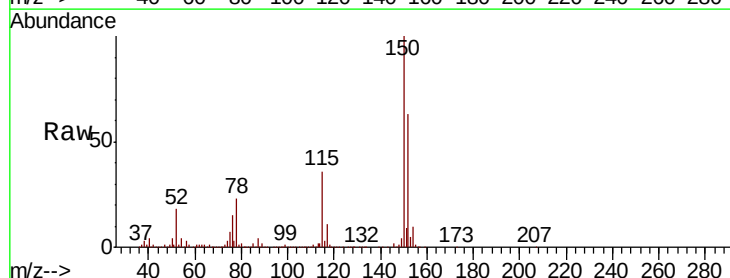
Tgt Ion:152 Resp: 734299

Ion Ratio Lower Upper

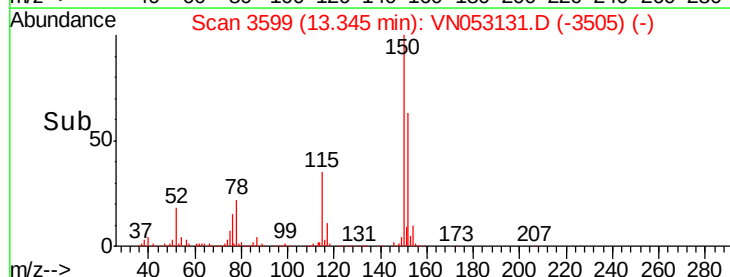
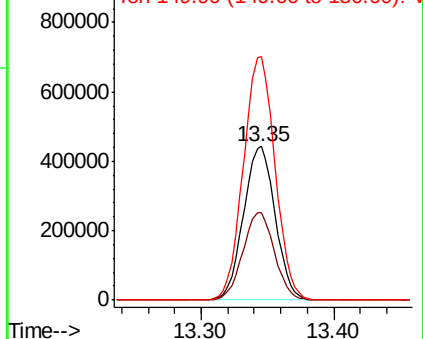
152 100

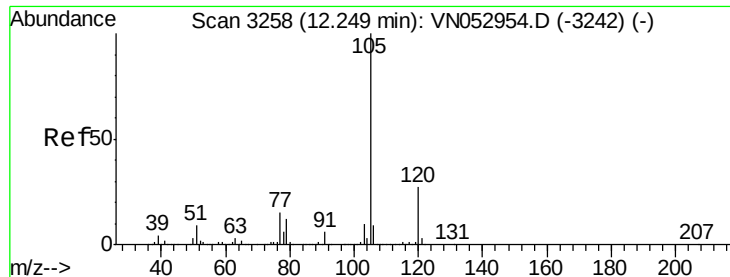
115 56.7 28.3 85.0

150 158.4 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: 0.278 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN053131.D

Acq: 22 Dec 2018 14:31

Instrument :

MSVOA_N

ClientSampleId :

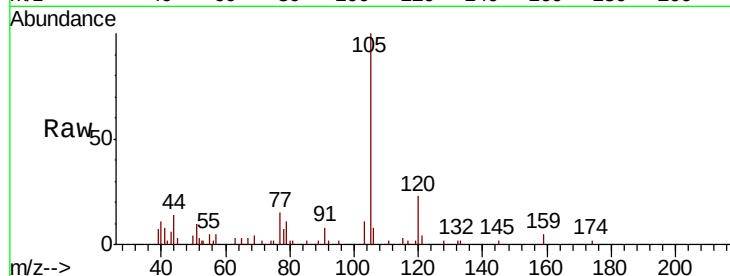
P001-SD014-0006-01MEDL

Tot Ion:105 Resp: 15944

Ion Ratio Lower Upper

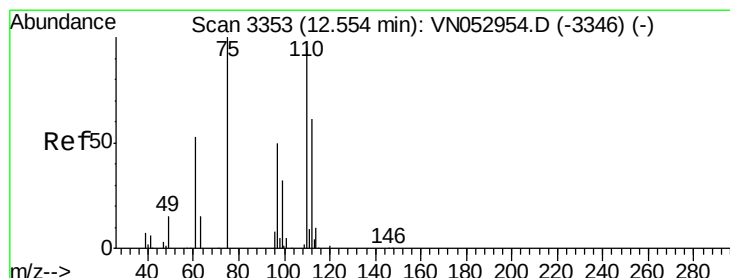
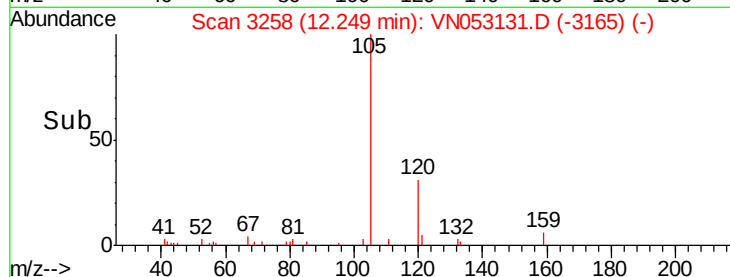
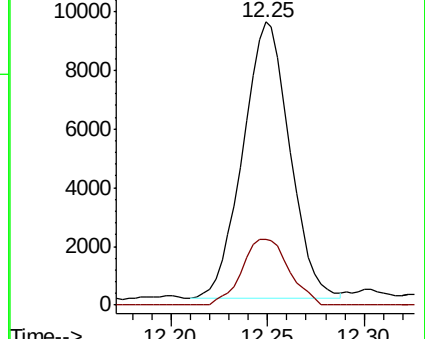
105 100

120 23.9 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 31.944 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053131.D

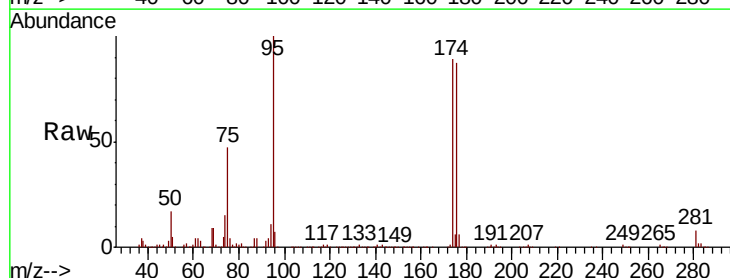
Acq: 22 Dec 2018 14:31

Tgt Ion: 75 Resp: 394869

Ion Ratio Lower Upper

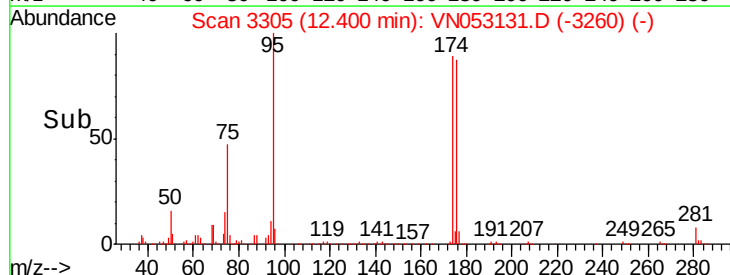
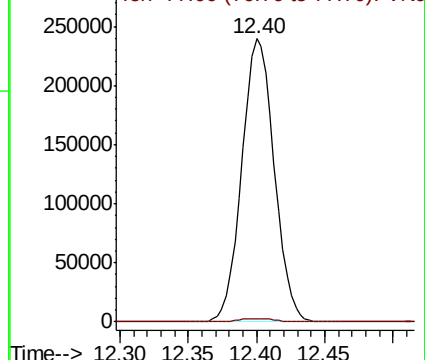
75 100

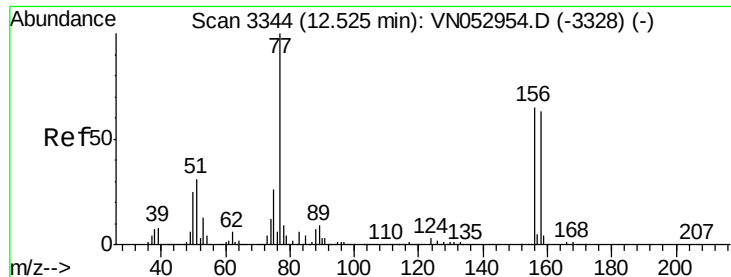
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#77

Bromobenzene

Concen: 0.325 ug/l

RT: 12.54 min Scan# 3348

Delta R.T. 0.01 min

Lab File: VN053131.D

Acq: 22 Dec 2018 14:31

Instrument :

MSVOA_N

ClientSampleId :

P001-SD014-0006-01MEDL

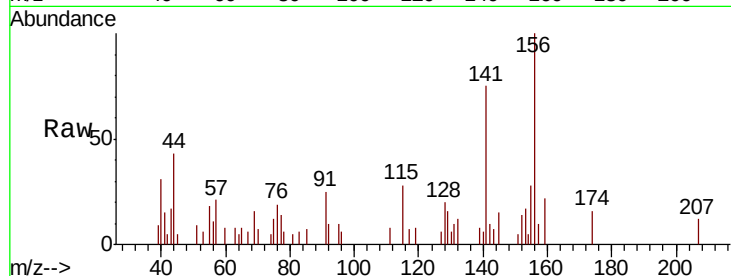
Tot Ion:156 Resp: 4859

Ion Ratio Lower Upper

156 100

77 12.6 91.3 273.8#

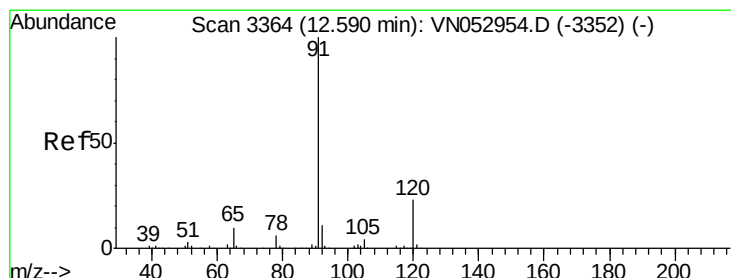
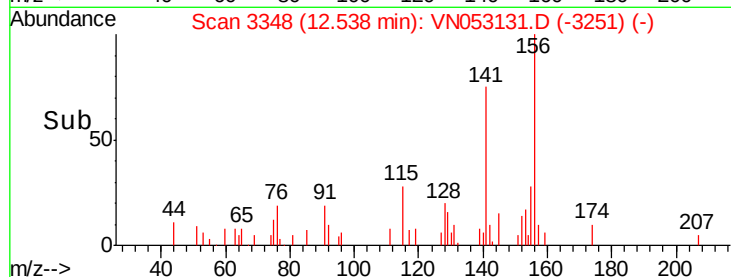
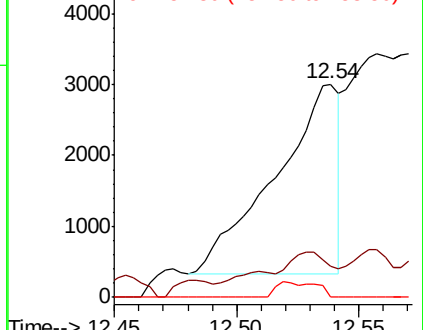
158 5.1 49.0 147.2#



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



#78

n-propylbenzene

Concen: 0.457 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN053131.D

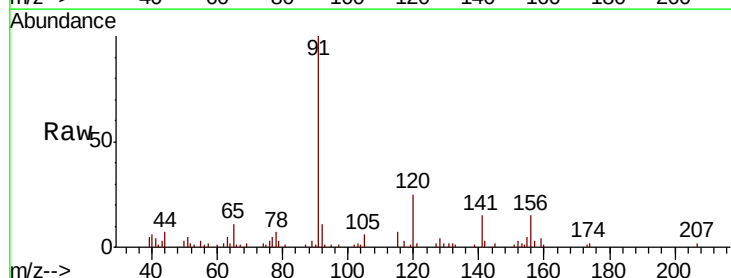
Acq: 22 Dec 2018 14:31

Tgt Ion: 91 Resp: 29904

Ion Ratio Lower Upper

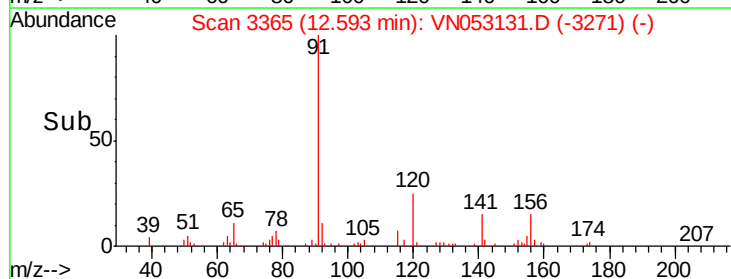
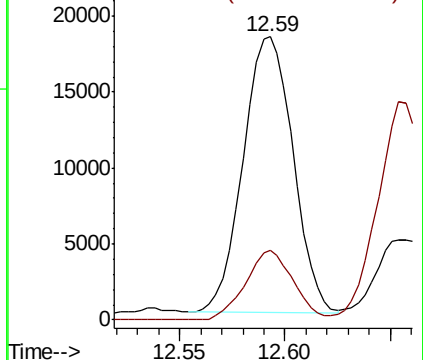
91 100

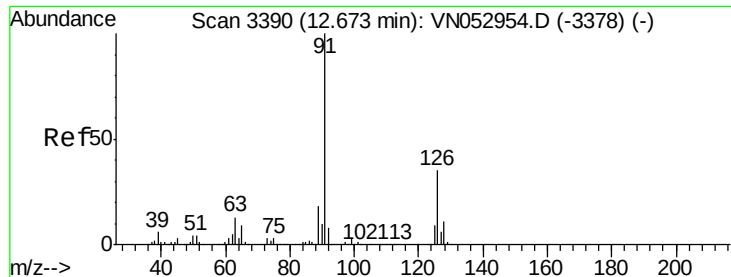
120 24.1 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

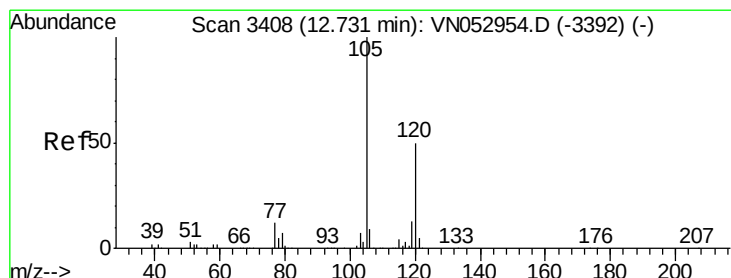
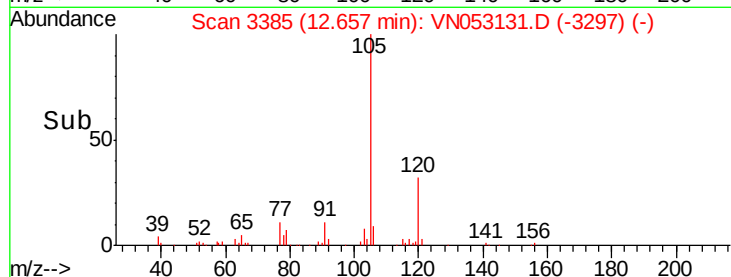
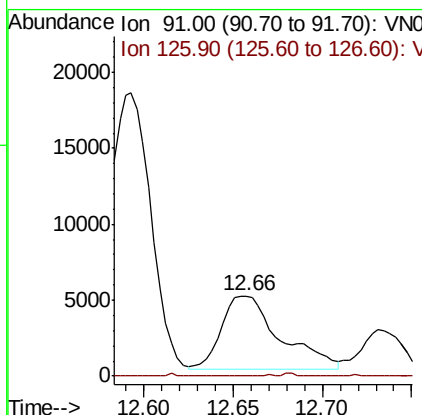
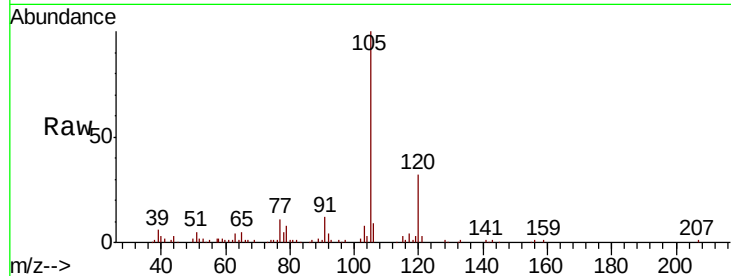




#79
 2-Chlorotoluene
 Concen: 0.274 ug/l
 RT: 12.66 min Scan# 3385
 Delta R.T. -0.02 min
 Lab File: VN053131.D
 Acq: 22 Dec 2018 14:31

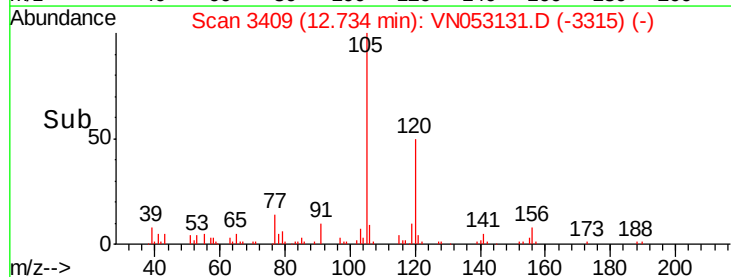
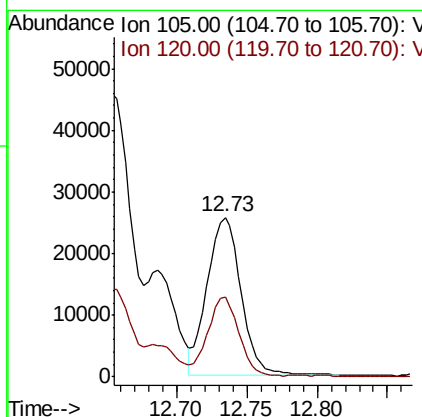
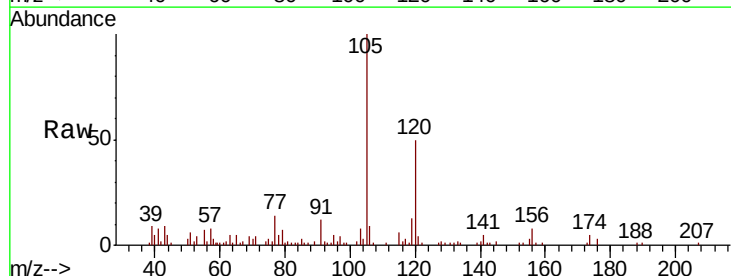
Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SD014-0006-01MEDL

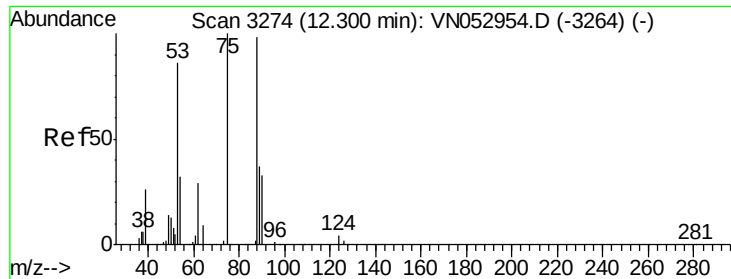
Tot Ion: 91 Resp: 11098
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.4 52.3#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.918 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN053131.D
 Acq: 22 Dec 2018 14:31

Tgt Ion: 105 Resp: 43011
 Ion Ratio Lower Upper
 105 100
 120 44.9 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 102.960 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053131.D

Acq: 22 Dec 2018 14:31

Instrument :

MSVOA_N

ClientSampleId :

P001-SD014-0006-01MEDL

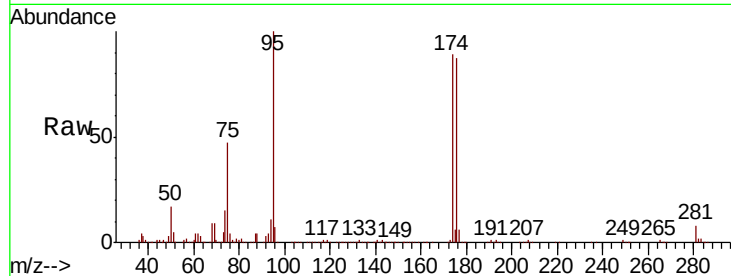
Tot Ion: 75 Resp: 394869

Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

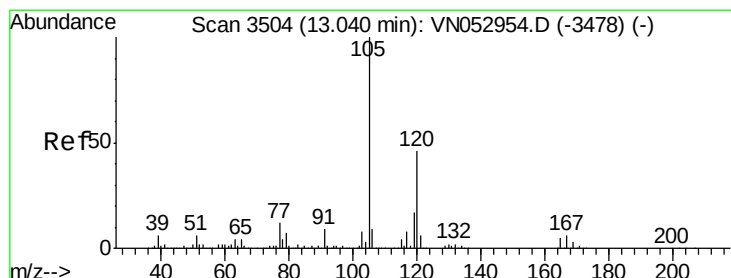
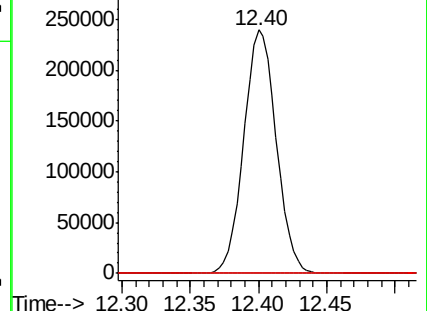
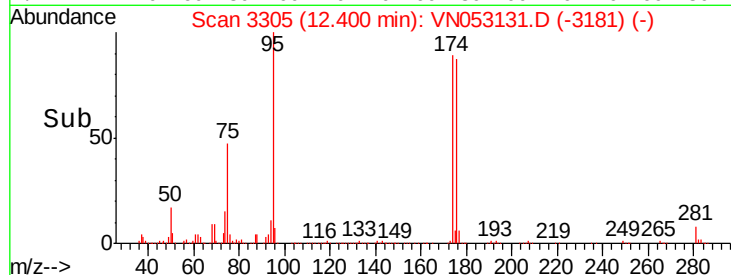
89 0.0 36.1 54.1#



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: 3.071 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN053131.D

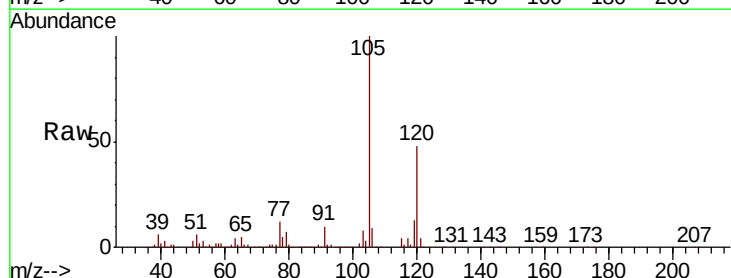
Acq: 22 Dec 2018 14:31

Tgt Ion: 105 Resp: 144592

Ion Ratio Lower Upper

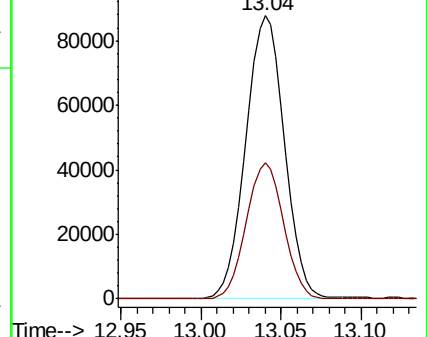
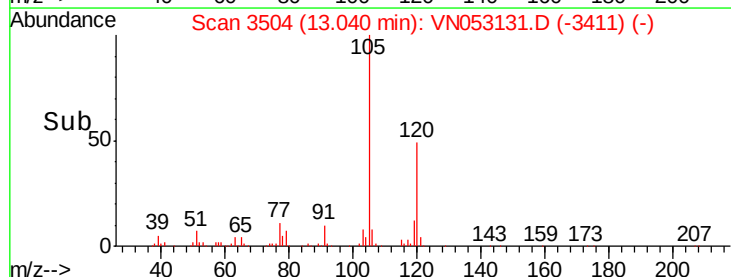
105 100

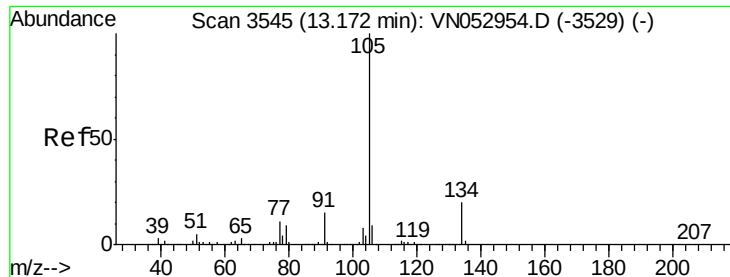
120 46.3 22.9 68.8



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

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

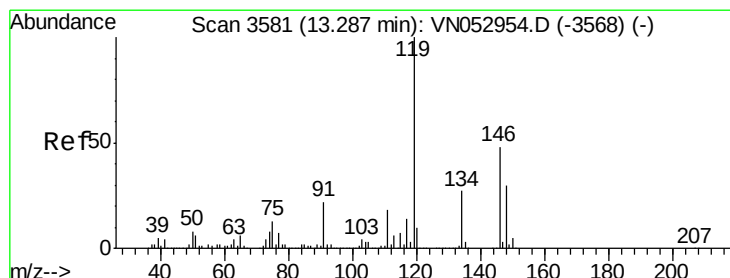
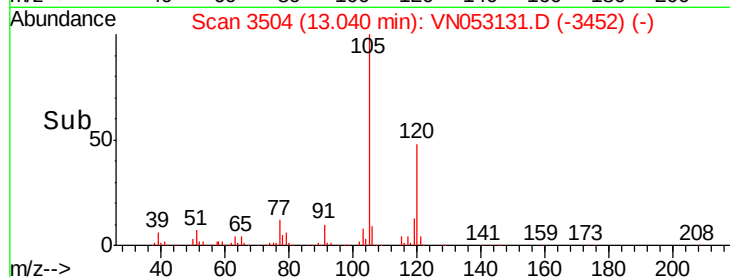
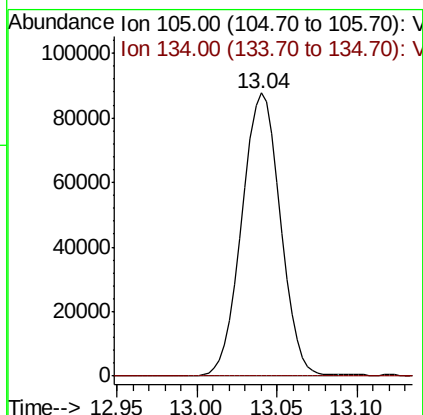
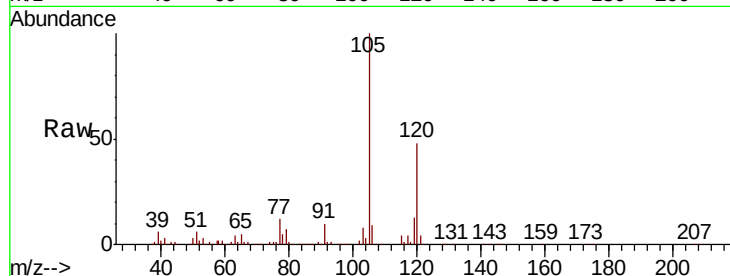




#85
 sec-Butylbenzene
 Concen: 2.581 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.13 min
 Lab File: VN053131.D
 Acq: 22 Dec 2018 14:31

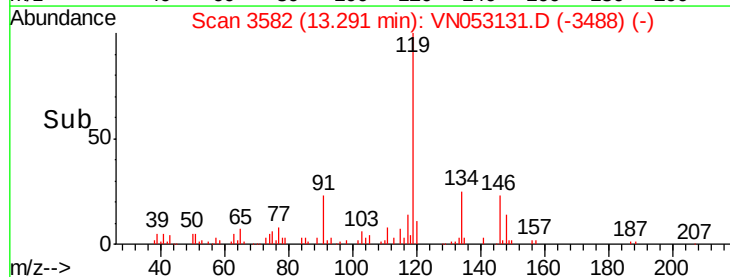
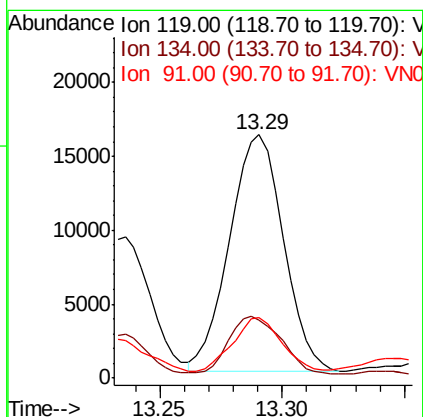
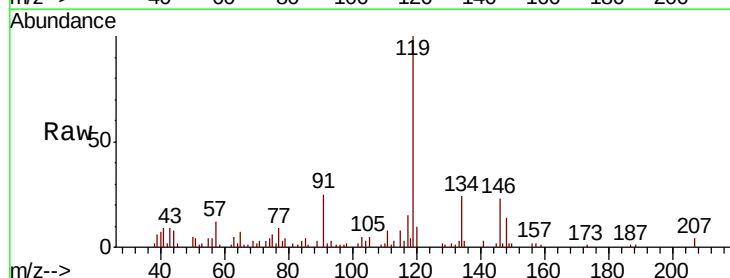
Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SD014-0006-01MEDL

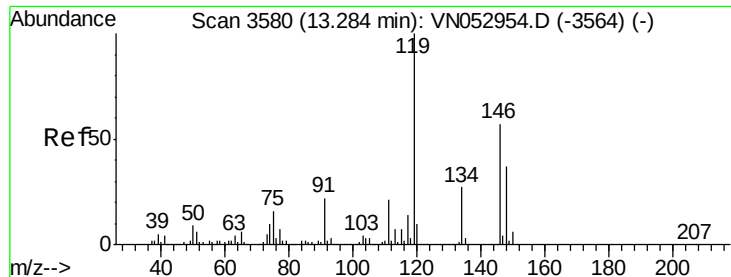
Tot Ion:105 Resp: 144592
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.1 30.3#



#86
 p-Isopropyltoluene
 Concen: 0.509 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN053131.D
 Acq: 22 Dec 2018 14:31

Tgt Ion:119 Resp: 24648
 Ion Ratio Lower Upper
 119 100
 134 27.5 13.4 40.2
 91 22.8 11.1 33.3

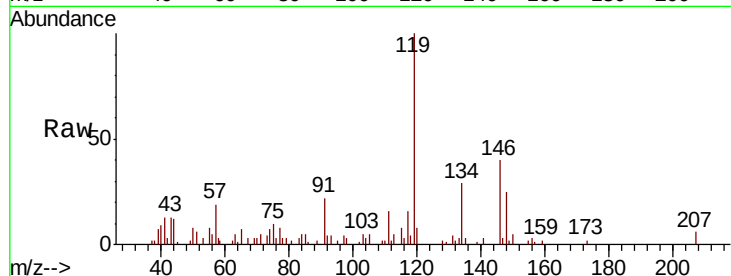




#87
 1,3-Dichlorobenzene
 Concen: 0.304 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN053131.D
 Acq: 22 Dec 2018 14:31

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SD014-0006-01MEDL

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.1	57.1
148	60.1	32.0	96.0

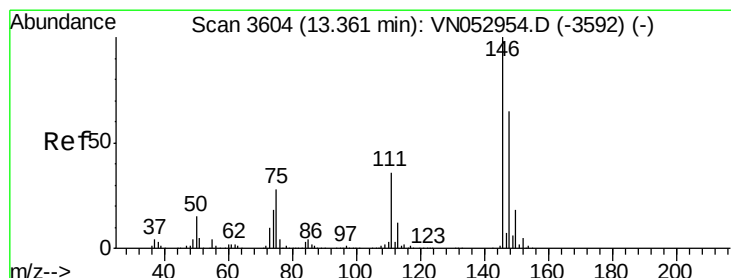
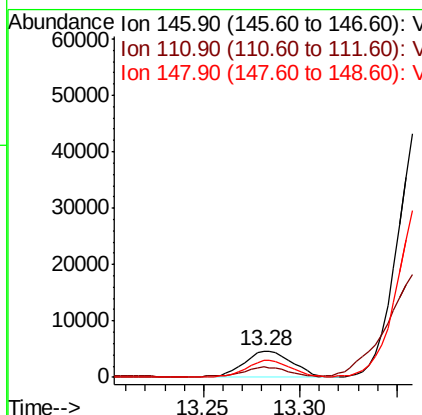
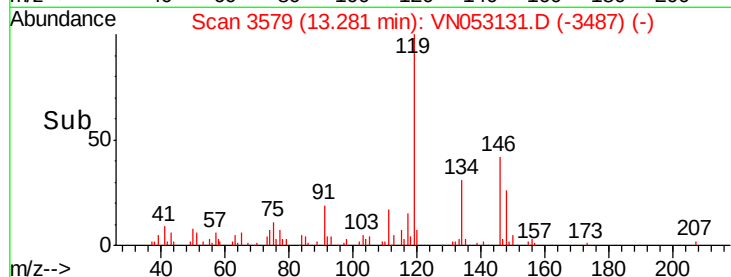


Abundance

Ion 145.90 (145.60 to 146.60): V

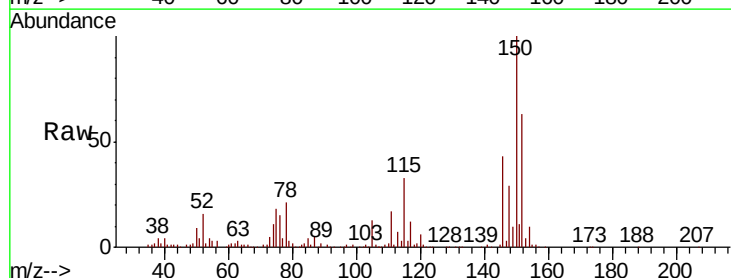
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88
 1,4-Dichlorobenzene
 Concen: 3.130 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN053131.D
 Acq: 22 Dec 2018 14:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	46.7	18.6	55.8
148	67.6	32.1	96.5

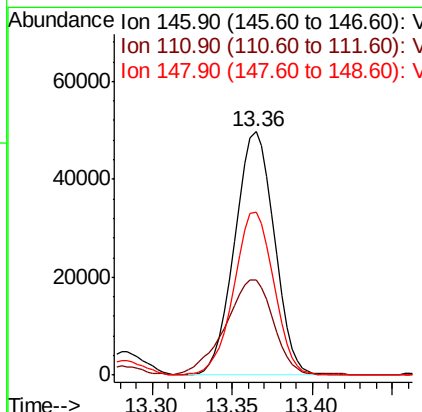
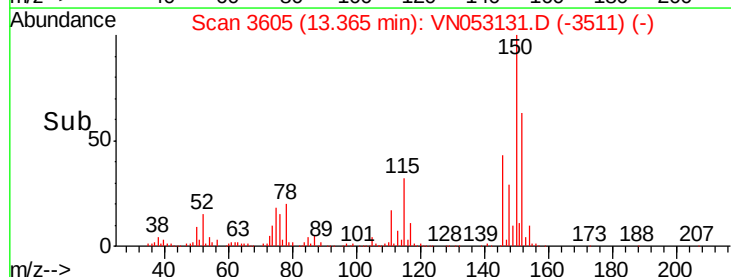


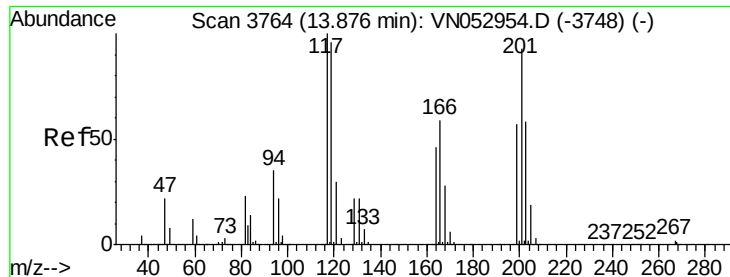
Abundance

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





#90

Hexachloroethane

Concen: 0.317 ug/l

RT: 13.89 min Scan# 3769

Delta R.T. 0.02 min

Lab File: VN053131.D

Acq: 22 Dec 2018 14:31

Instrument :

MSVOA_N

ClientSampleId :

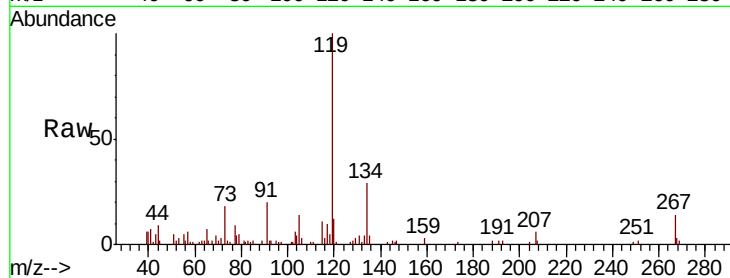
P001-SD014-0006-01MEDL

Tot Ion:117 Resp: 2357

Ion Ratio Lower Upper

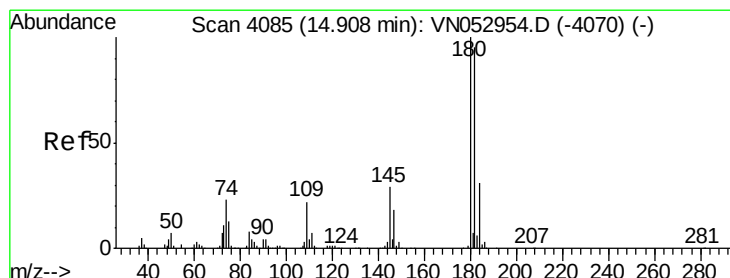
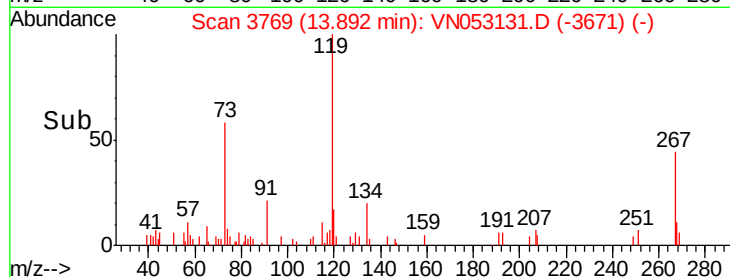
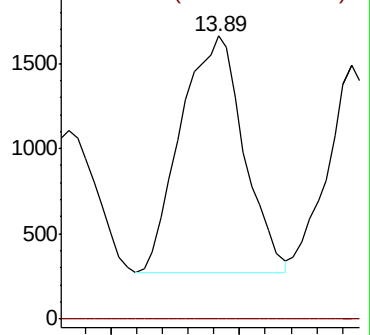
117 100

201 0.0 45.7 137.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#93

1,2,4-Trichlorobenzene

Concen: 0.642 ug/l

RT: 14.91 min Scan# 4087

Delta R.T. 0.01 min

Lab File: VN053131.D

Acq: 22 Dec 2018 14:31

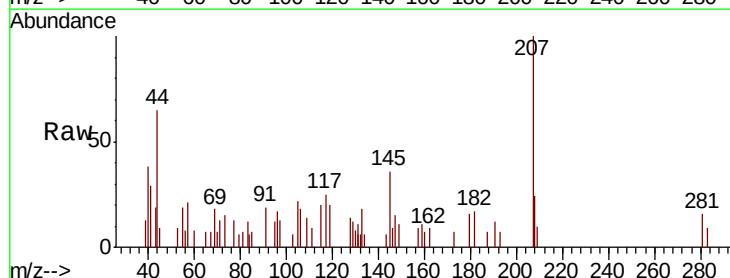
Tgt Ion:180 Resp: 616

Ion Ratio Lower Upper

180 100

182 134.7 47.8 143.3

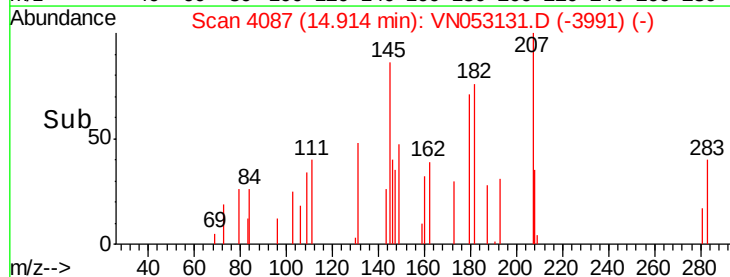
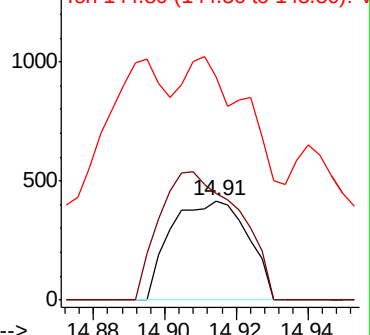
145 111.7 14.2 42.6#

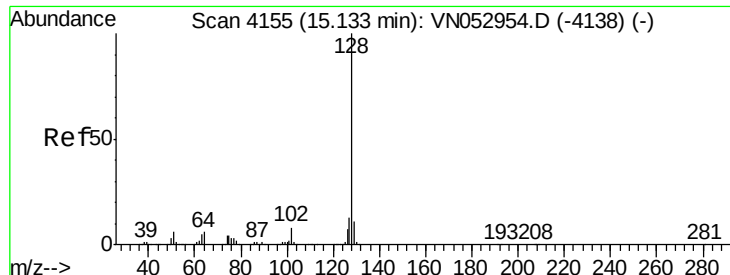


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

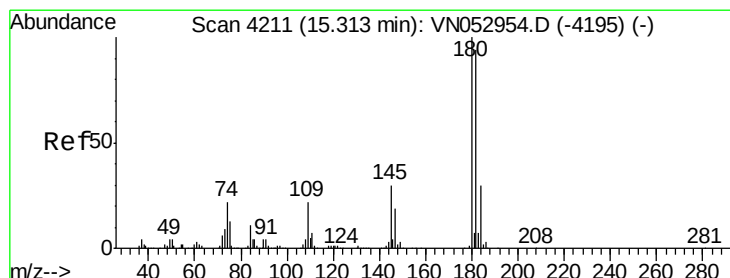
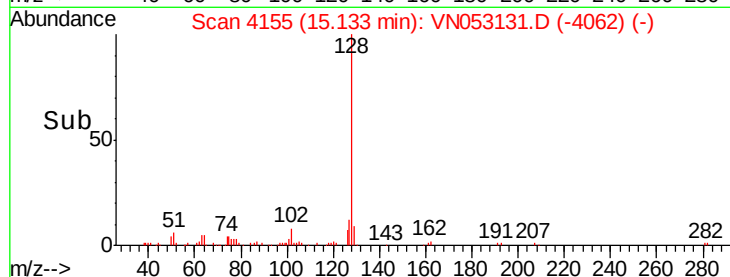
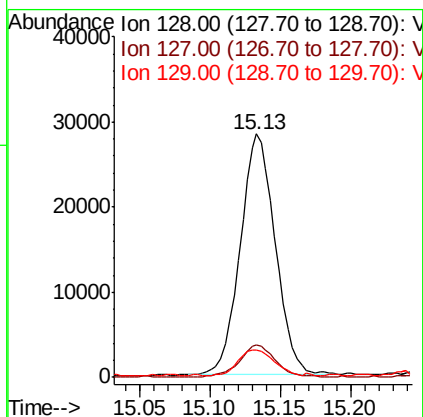
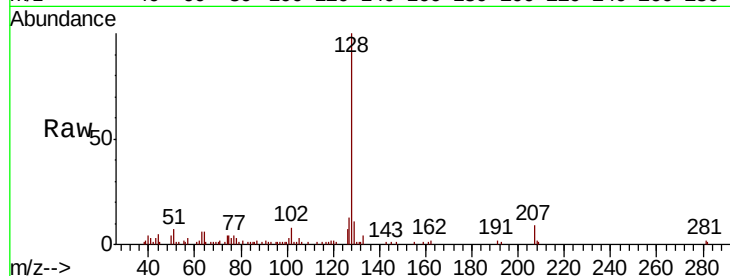




#95
Naphthalene
Concen: 2.813 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053131.D
Acq: 22 Dec 2018 14:31

Instrument :
MSVOA_N
ClientSampleId :
P001-SD014-0006-01MEDL

Tot Ion:128 Resp: 49234
Ion Ratio Lower Upper
128 100
127 13.8 10.2 15.4
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 0.574 ug/l
RT: 15.33 min Scan# 4215
Delta R.T. 0.01 min
Lab File: VN053131.D
Acq: 22 Dec 2018 14:31

Tgt Ion:180 Resp: 793
Ion Ratio Lower Upper
180 100
182 80.3 47.9 143.7
145 83.6 15.0 45.0#

