

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: Jan 04 04:01:14 2019
 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%	

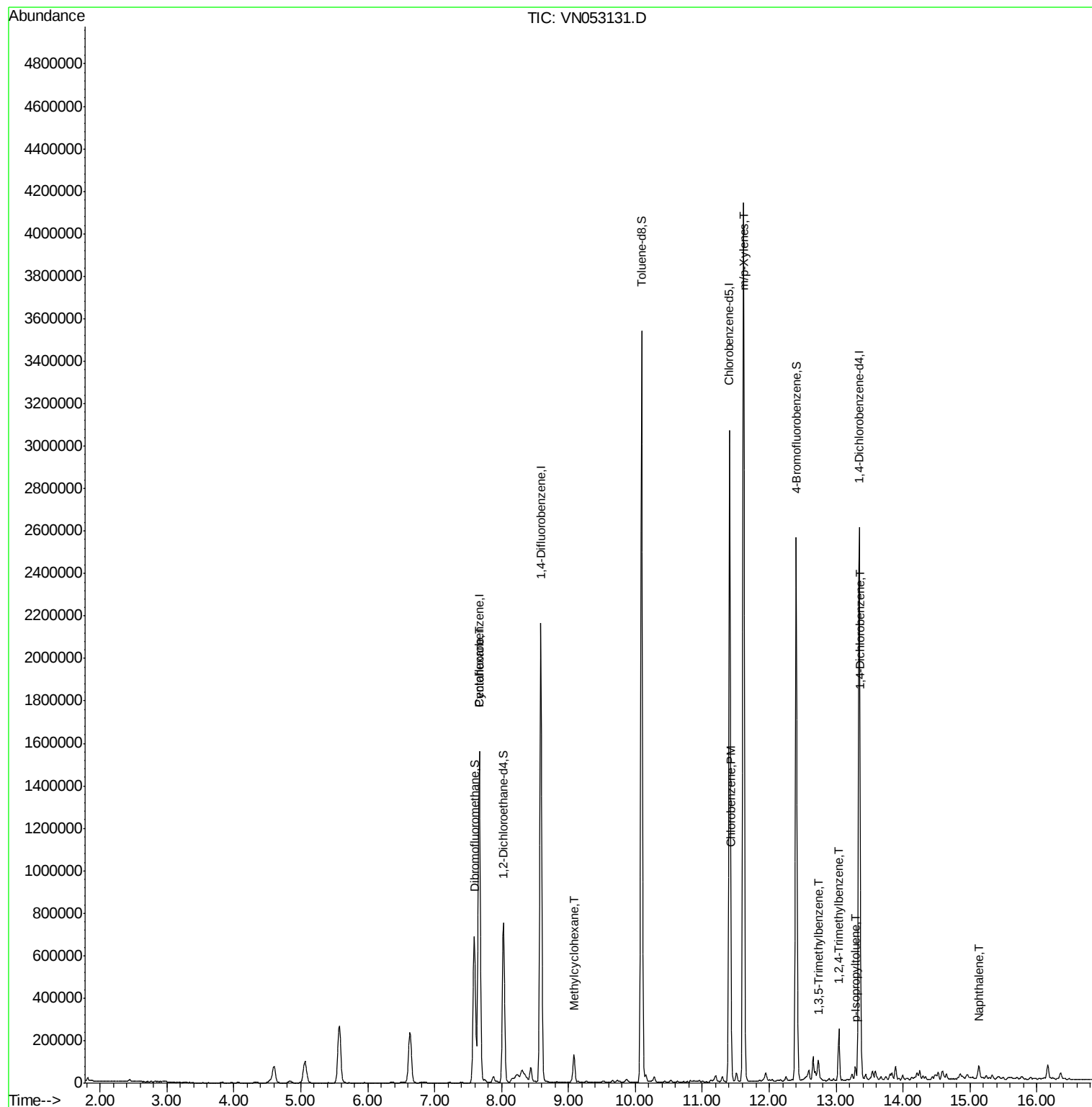
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	7.66	56	56068	1.361	ug/l #	40
39) Methylcyclohexane	9.08	83	60405	2.543	ug/l	97
65) Chlorobenzene	11.44	112	44387	1.083	ug/l	100
68) m/p-Xylenes	11.62	106	1255084	46.833	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	43011	0.918	ug/l	94
84) 1,2,4-Trimethylbenzene	13.04	105	144592	3.071	ug/l	99
86) p-Isopropyltoluene	13.29	119	24648	0.509	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	83787	3.130	ug/l	91
95) Naphthalene	15.13	128	49234	2.813	ug/l	99

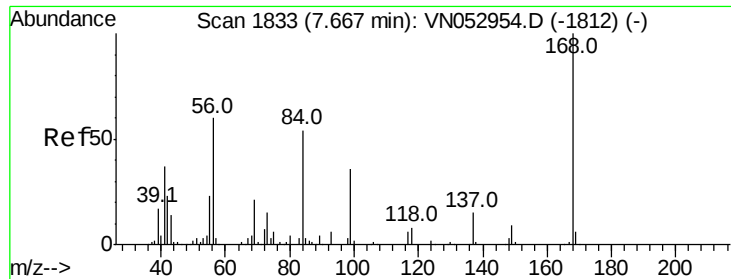
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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P001-SD014-0006-01MEDL

Quant Time: Jan 04 04:01:14 2019
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





#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 :

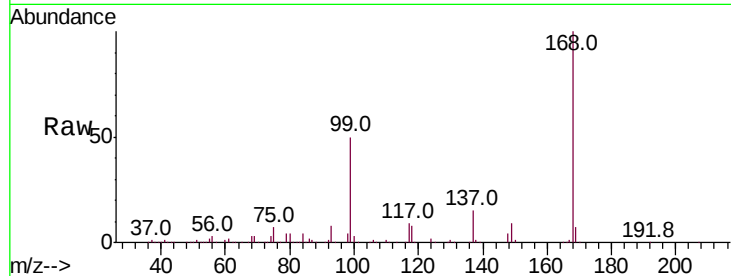
P001-SD014-0006-01MEDL

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

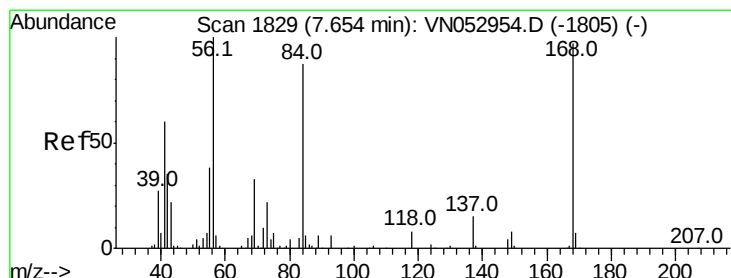
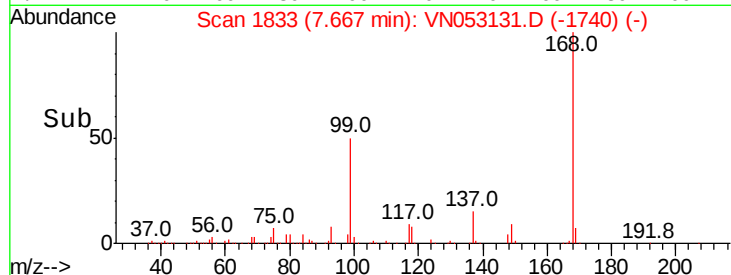
600000

400000

200000

0

Time-->



#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

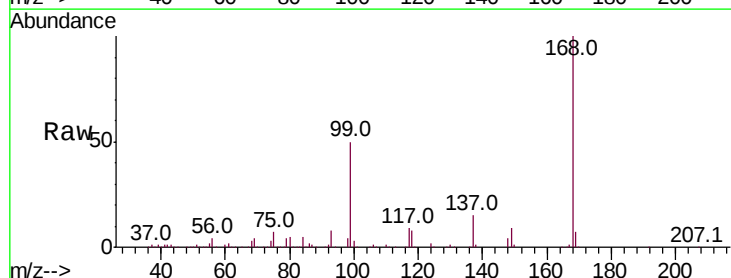
Tgt Ion: 56 Resp: 56068

Ion Ratio Lower Upper

56 100

69 98.4 26.6 39.8#

84 120.4 68.4 102.6#



Abundance Ion 56.00 (55.70 to 56.70): VN

Ion 69.00 (68.70 to 69.70): VN

Ion 84.00 (83.70 to 84.70): VN

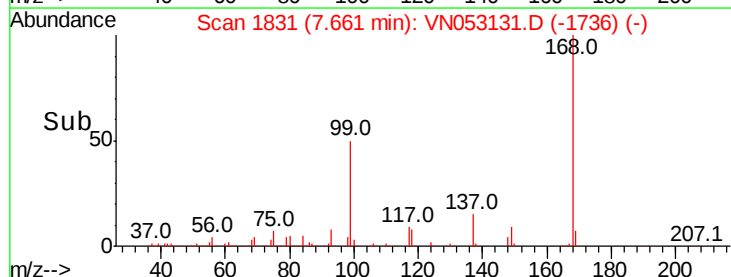
30000

20000

10000

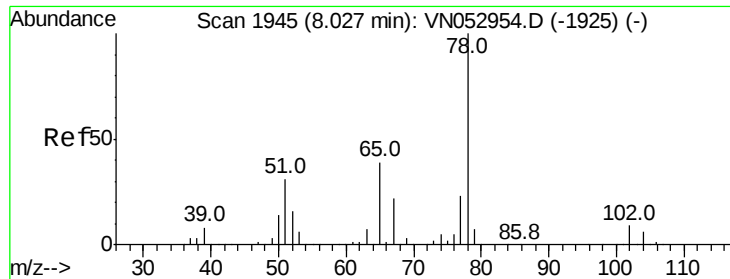
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Time-->



7.66

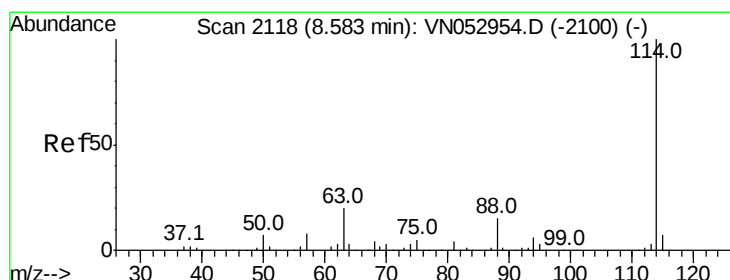
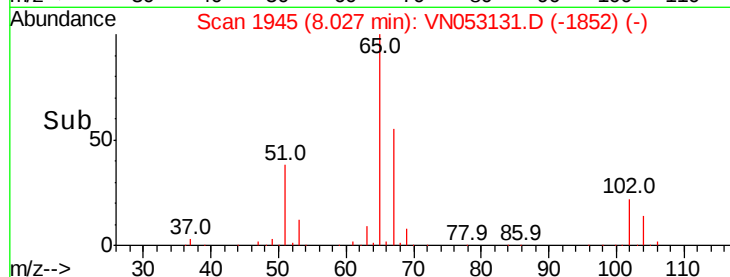
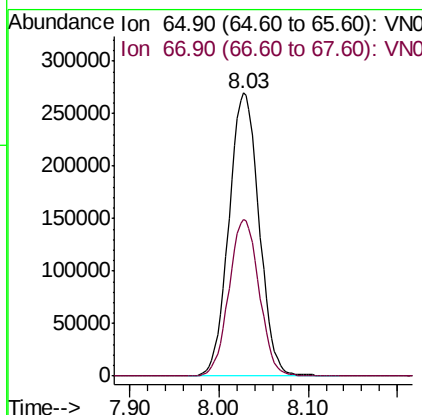
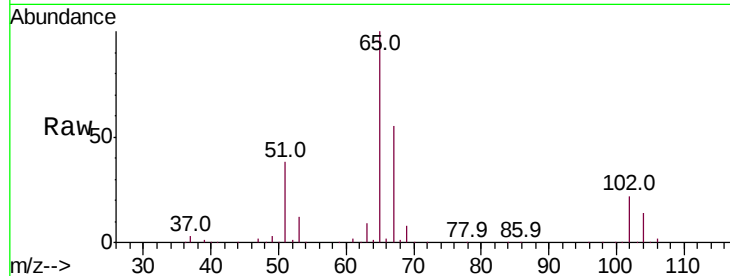
7.55 7.60 7.65 7.70 7.75



#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

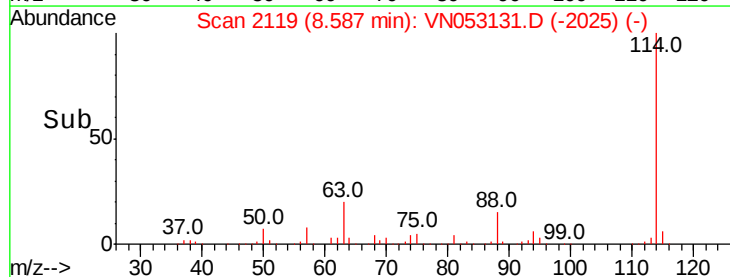
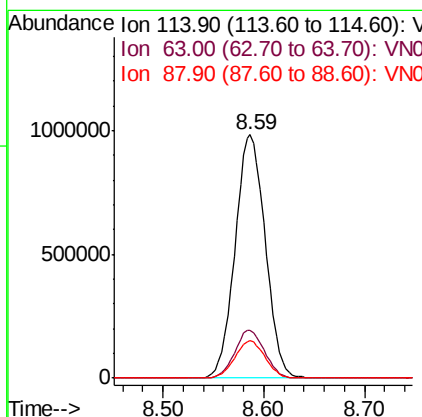
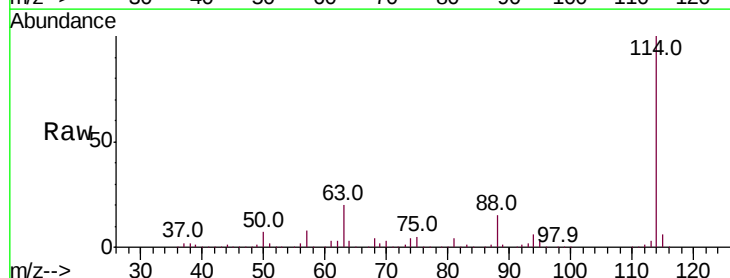
Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SD014-0006-01MEDL

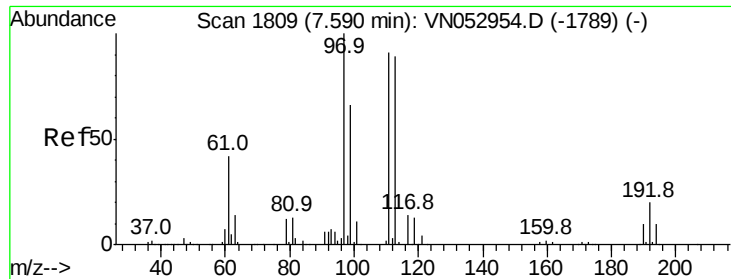
Tot Ion: 65 Resp: 634091
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 110.4



#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

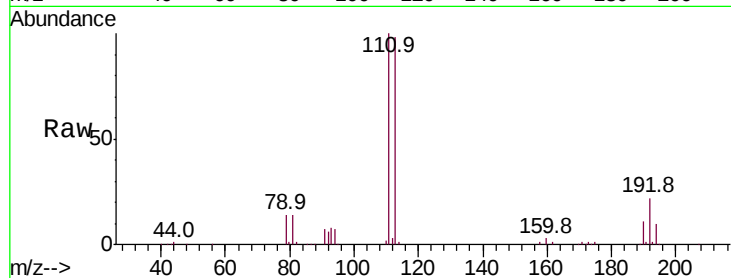




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053131.D
 Acq: 22 Dec 2018 14:31

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

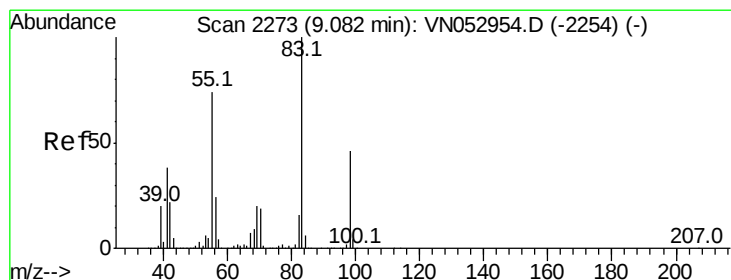
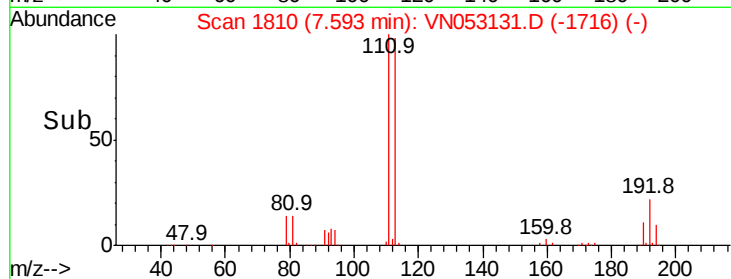
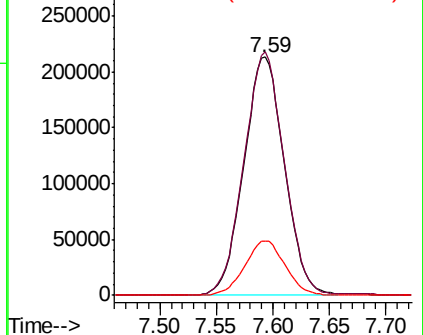


Abundance

Ion 112.80 (112.50 to 113.50): V

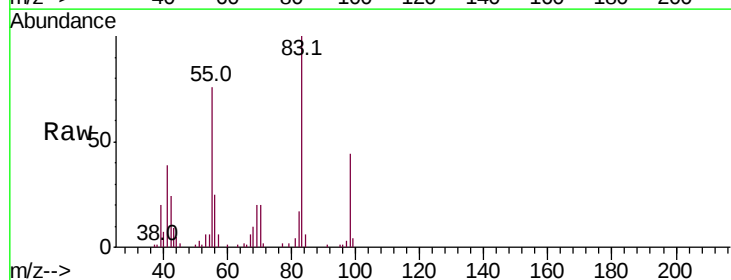
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#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	Ratio	Lower	Upper
83	100		
55	74.3	61.3	91.9
98	44.1	37.0	55.4

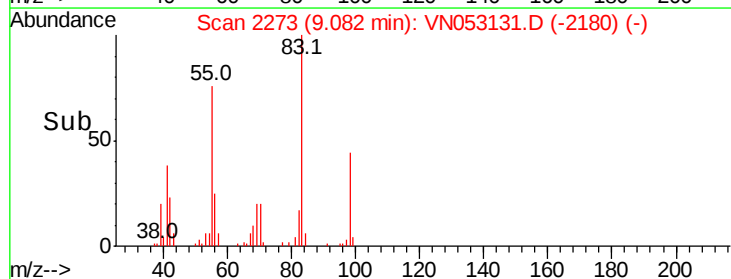
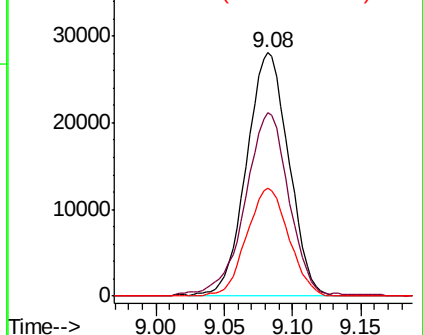


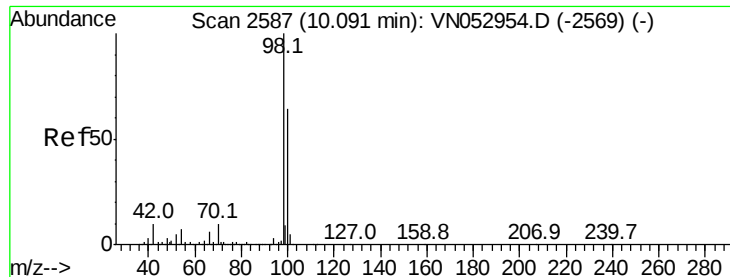
Abundance

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





#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

Instrument :

MSVOA_N

ClientSampleId :

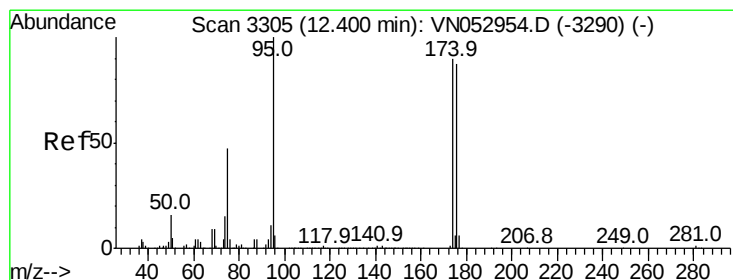
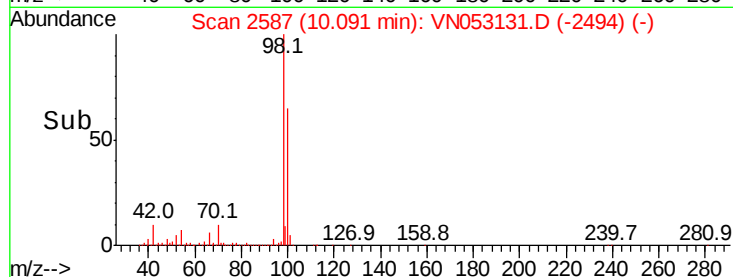
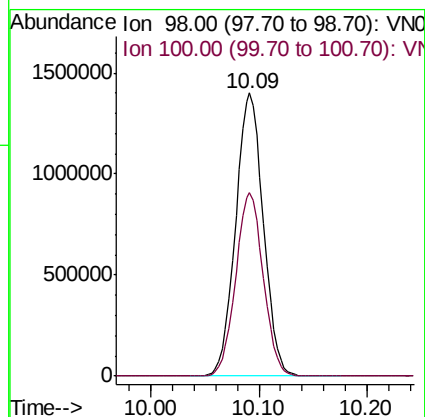
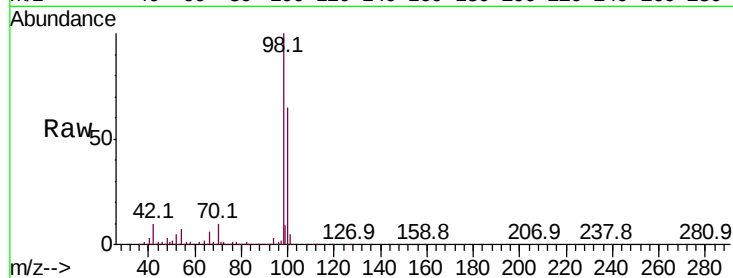
P001-SD014-0006-01MEDL

Tot Ion: 98 Resp: 2505454

Ion Ratio Lower Upper

98 100

100 64.6 51.6 77.4



#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

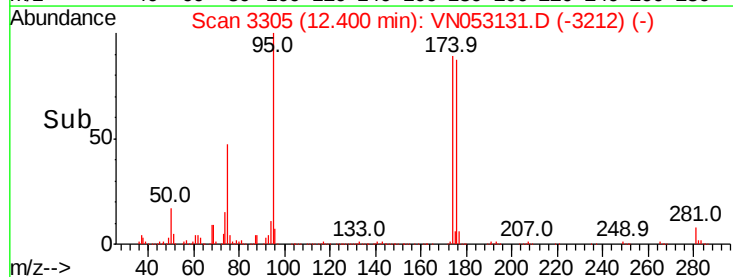
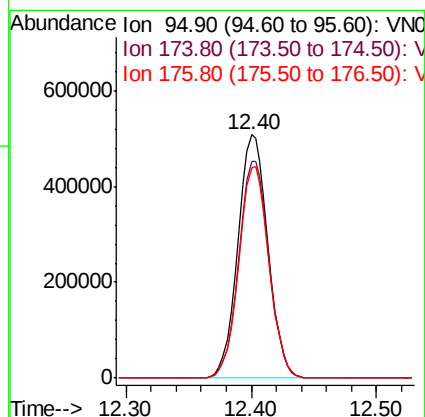
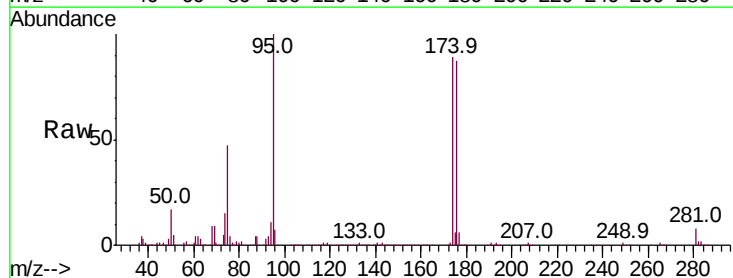
Tgt Ion: 95 Resp: 841279

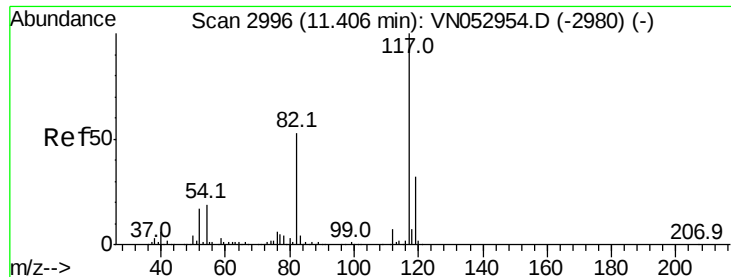
Ion Ratio Lower Upper

95 100

174 89.9 0.0 178.8

176 87.2 0.0 173.8

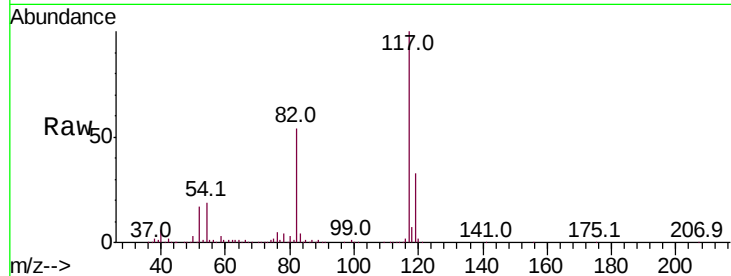




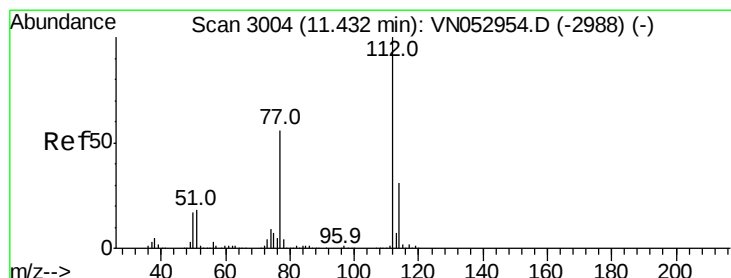
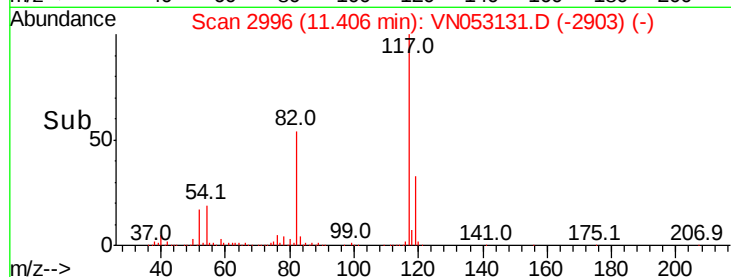
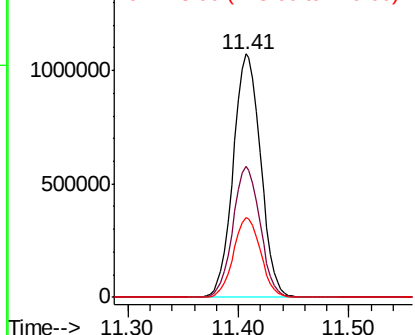
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053131.D
Acq: 22 Dec 2018 14:31

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

Tot Ion:117 Resp: 1849187
Ion Ratio Lower Upper
117 100
82 53.9 42.8 64.2
119 32.7 25.5 38.3

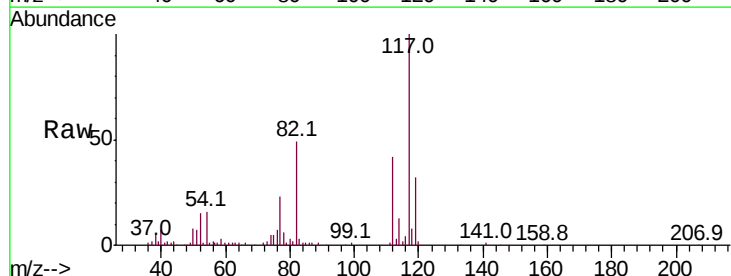


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

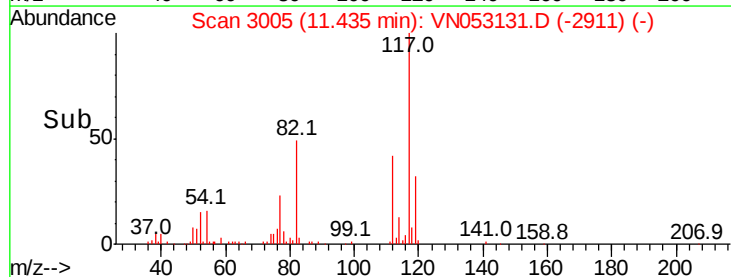
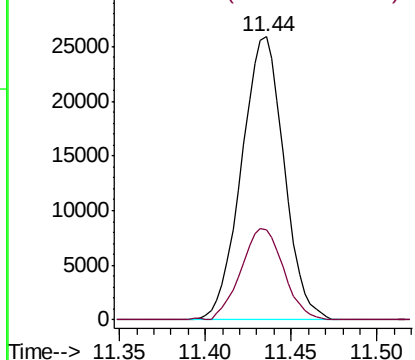


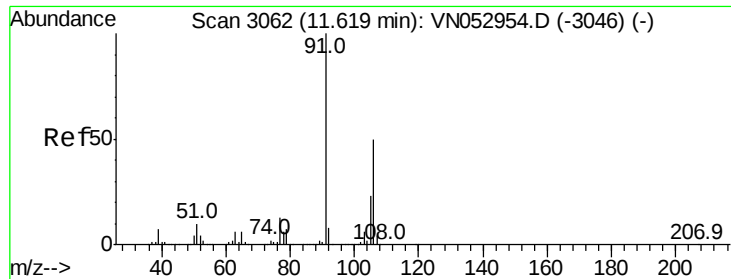
#65
Chlorobenzene
Concen: 1.083 ug/l
RT: 11.44 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN053131.D
Acq: 22 Dec 2018 14:31

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



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

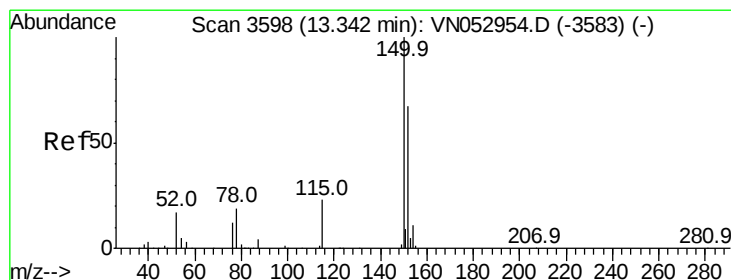
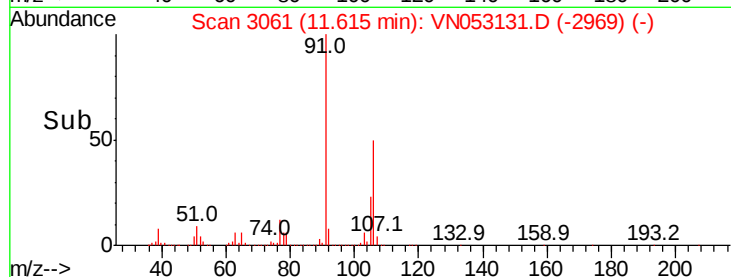
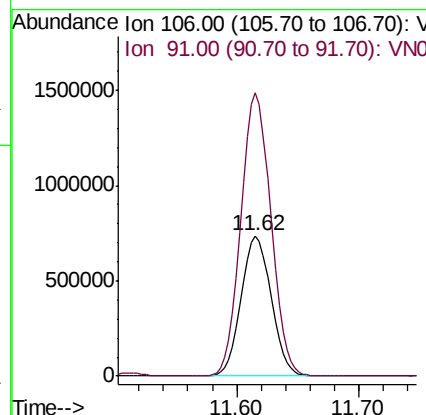
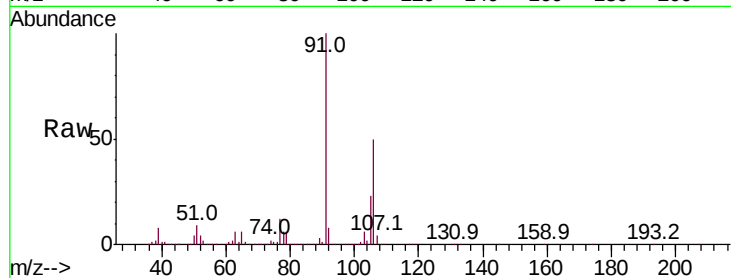




#68
m/p-Xvlenes
Concen: 46.833 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN053131.D
Acq: 22 Dec 2018 14:31

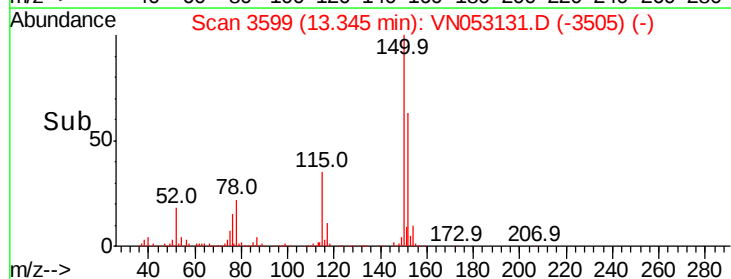
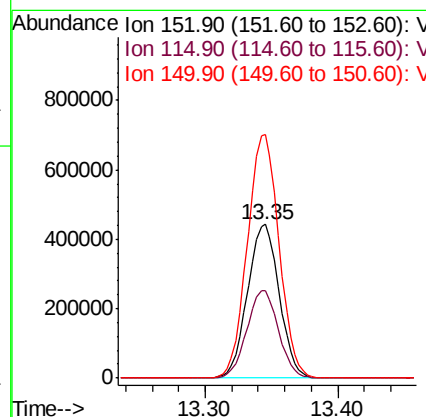
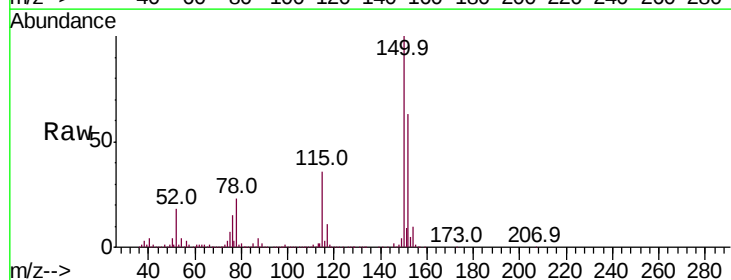
Instrument :
MSVOA_N
ClientSampleId :
P001-SD014-0006-01MEDL

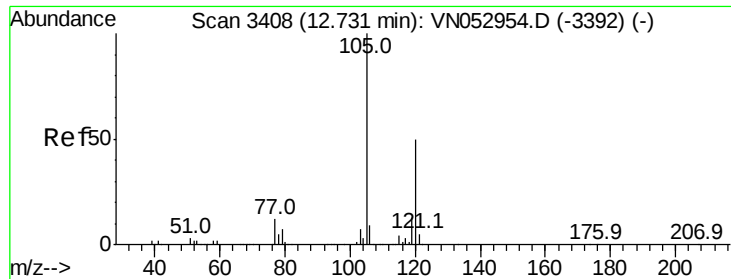
Tot Ion:106 Resp: 1255084
Ion Ratio Lower Upper
106 100
91 201.6 162.2 243.4



#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





#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

Instrument :

MSVOA_N

ClientSampleId :

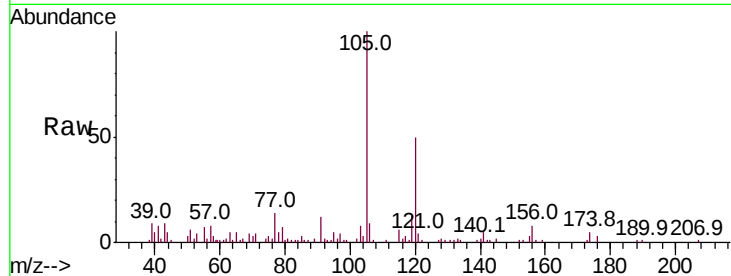
P001-SD014-0006-01MEDL

Tot Ion:105 Resp: 43011

Ion Ratio Lower Upper

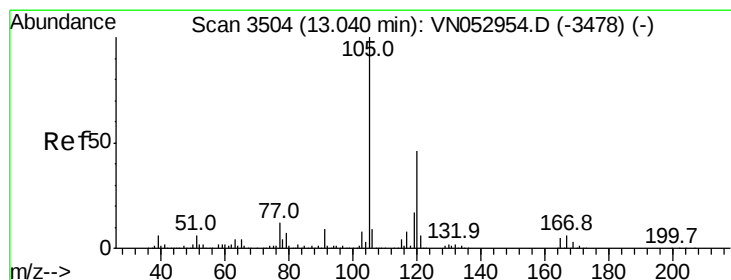
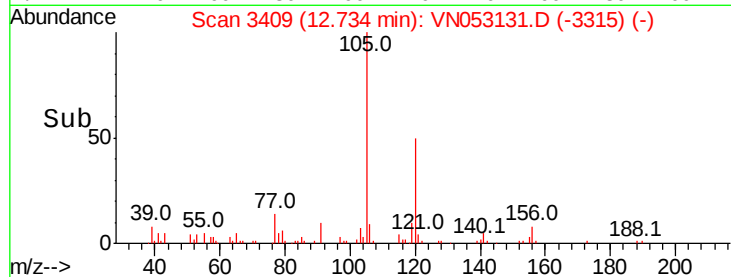
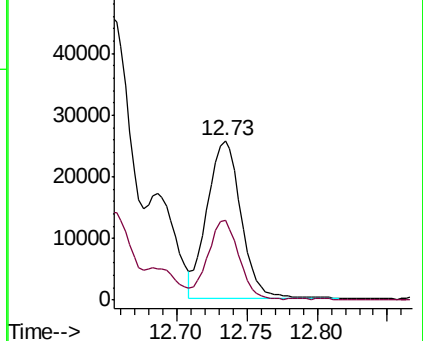
105 100

120 44.9 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#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

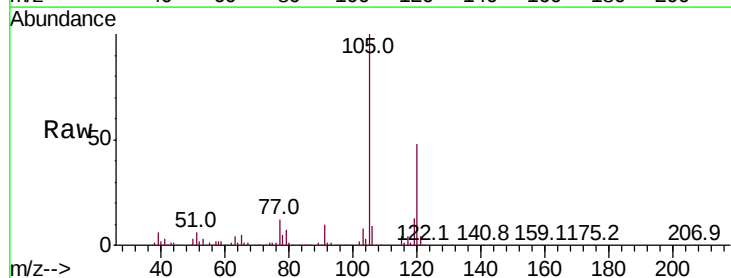
Acq: 22 Dec 2018 14:31

Tgt Ion:105 Resp: 144592

Ion Ratio Lower Upper

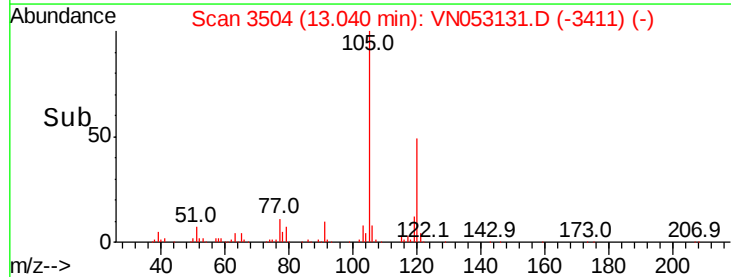
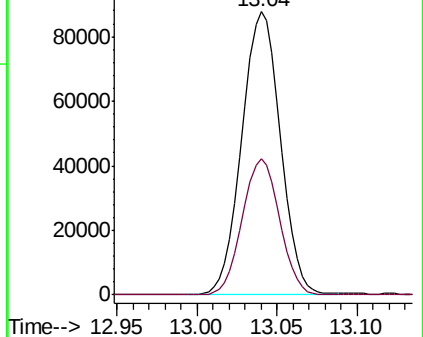
105 100

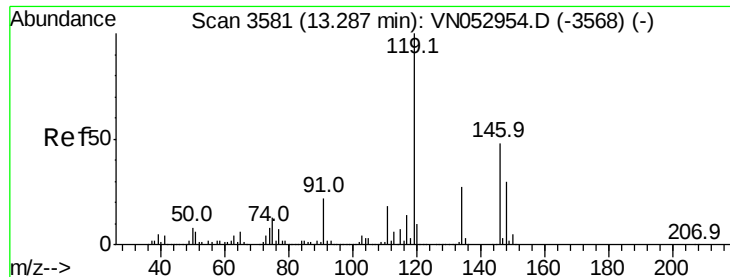
120 46.3 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

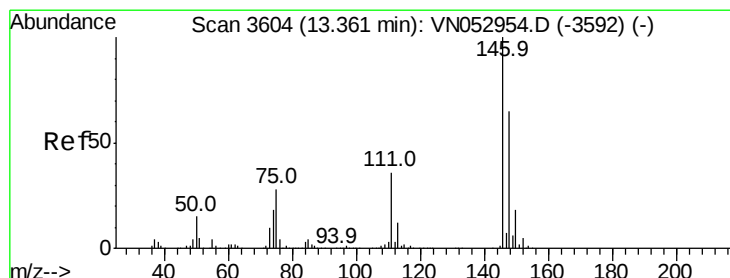
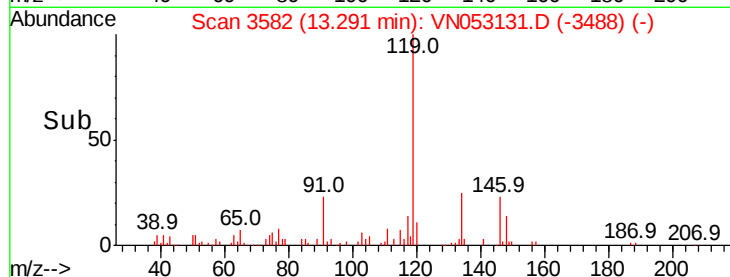
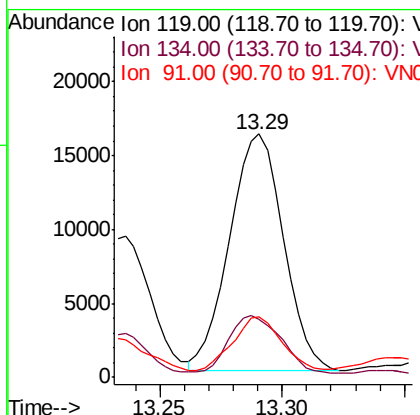
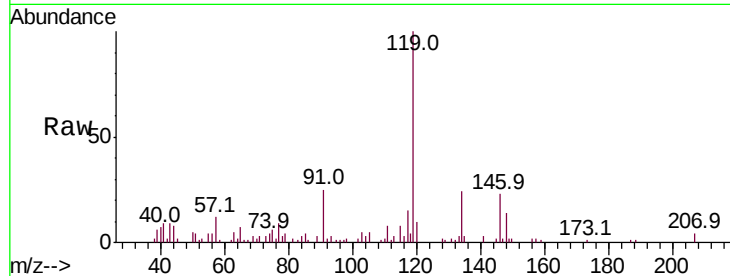




#86
 p-Isopropyltoluene
 Concen: 0.509 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN053131.D
 Acq: 22 Dec 2018 14:31

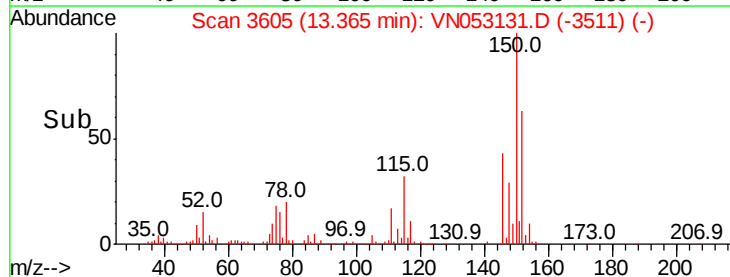
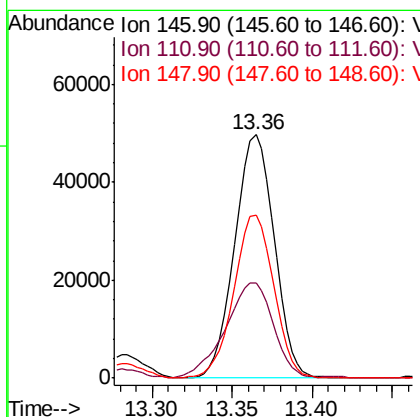
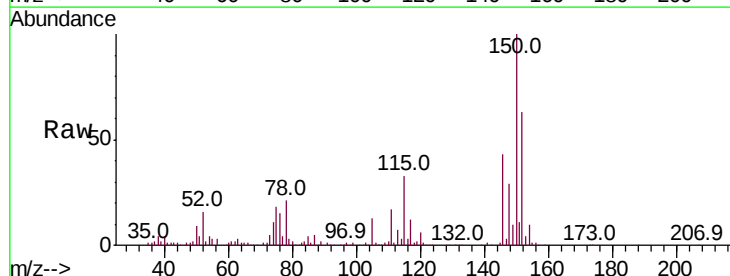
Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SD014-0006-01MEDL

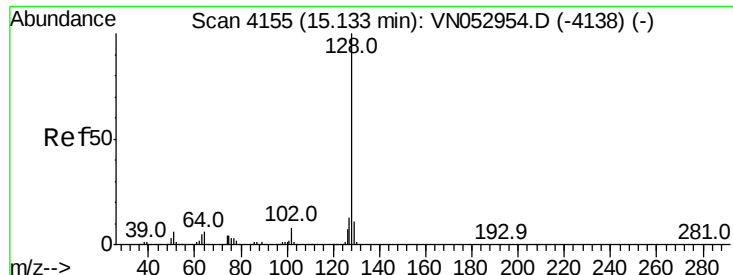
Tot Ion:119 Resp: 24648
 Ion Ratio Lower Upper
 119 100
 134 27.5 13.4 40.2
 91 22.8 11.1 33.3



#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:146 Resp: 83787
 Ion Ratio Lower Upper
 146 100
 111 46.7 18.6 55.8
 148 67.6 32.1 96.5

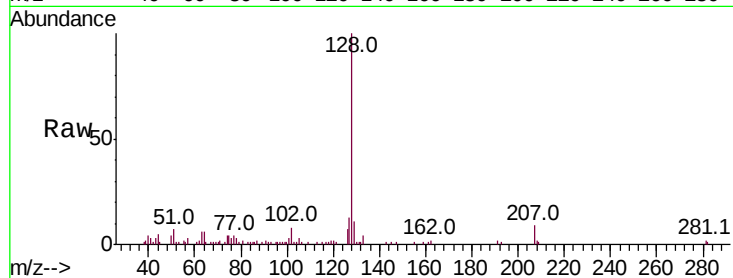




#95
Naphthalene
Concen: 2.813 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053131.D
Acq: 22 Dec 2018 14:31

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

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.2	15.4
129	10.8	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

