

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122018\
 Data File : VN053045.D
 Acq On : 20 Dec 2018 10:08
 Operator : MD\SY
 Sample : VN1220MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 21 00:13:38 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	1283552	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1955415	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1748811	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	735541	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	619870	47.59	ug/l	0.00
Spiked Amount			Recovery	=	95.18%	
35) Dibromofluoromethane	7.59	113	516999	57.88	ug/l	0.00
Spiked Amount			Recovery	=	115.76%	
50) Toluene-d8	10.09	98	2384420	49.73	ug/l	0.00
Spiked Amount			Recovery	=	99.46%	
62) 4-Bromofluorobenzene	12.40	95	795522	47.26	ug/l	0.00
Spiked Amount			Recovery	=	94.52%	

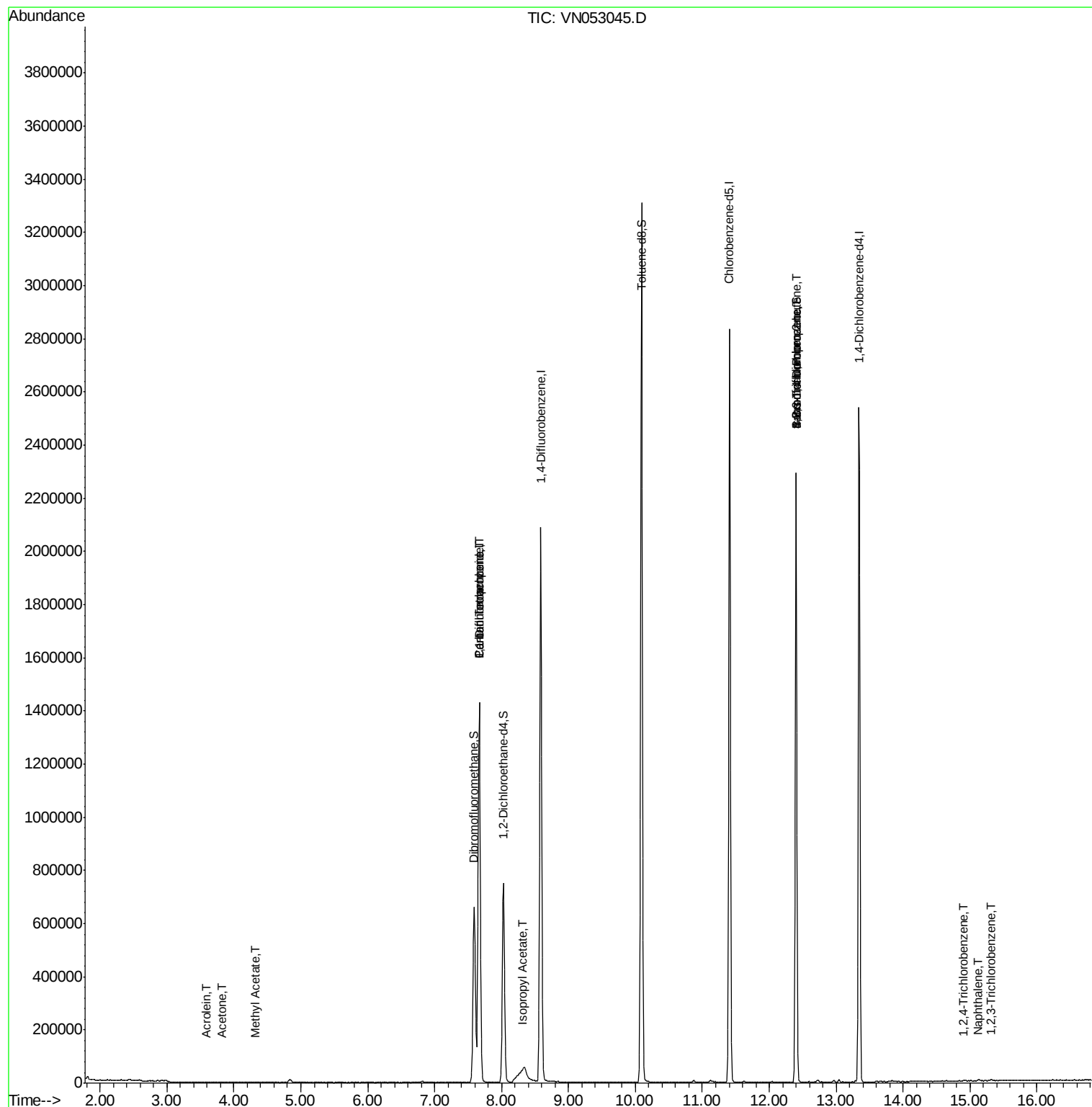
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.59	56	159	0.221	ug/l	91
16) Acetone	3.82	43	1967	0.770	ug/l	94
18) Methyl Acetate	4.32	43	1426	1.113	ug/l	98
31) Cyclohexane	7.66	56	21235	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	82546	4.398	ug/l #	48
38) Carbon Tetrachloride	7.66	117	112338	6.530	ug/l #	16
43) Isopropyl Acetate	8.31	43	81319	3.029	ug/l #	53
71) Bromoform	12.40	173	4834	0.496	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	369350	29.829	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	369350	96.144	ug/l #	12
93) 1,2,4-Trichlorobenzene	14.91	180	1548	0.712	ug/l	92
94) Hexachlorobutadiene	15.01	225	704	Below Cal		86
95) Naphthalene	15.13	128	5068	1.318	ug/l #	86
96) 1,2,3-Trichlorobenzene	15.32	180	2044	0.678	ug/l	88

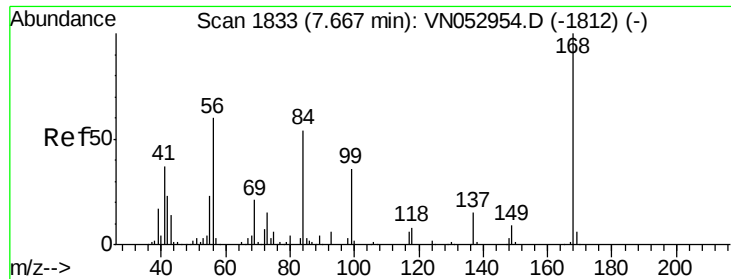
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN122018\
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ALS Vial : 4 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Dec 21 00:13:38 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN053045.D

Acq: 20 Dec 2018 10:08

Instrument :

MSVOA_N

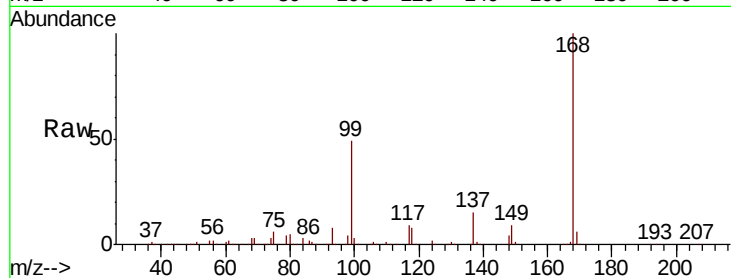
ClientSampleId :

Tot Ion:168 Resp: 1283552

Ion Ratio Lower Upper

168 100

99 49.5 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

600000

500000

400000

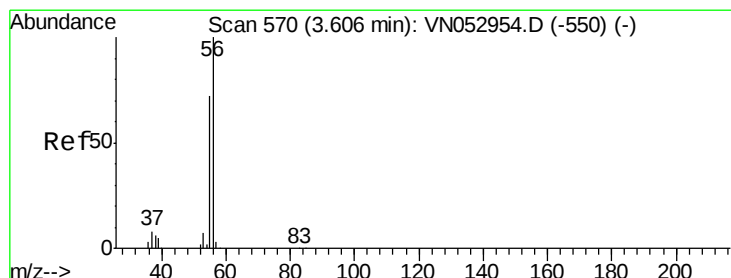
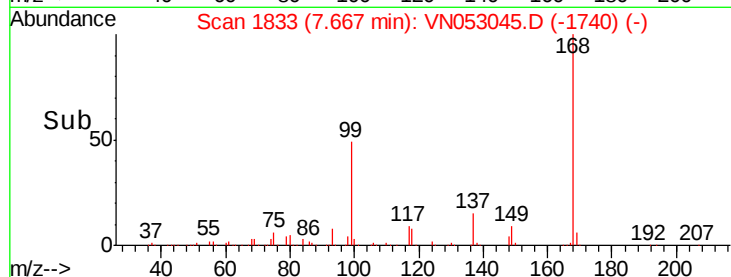
300000

200000

100000

0

Time-->



#13

Acrolein

Concen: 0.221 ug/l

RT: 3.59 min Scan# 566

Delta R.T. -0.01 min

Lab File: VN053045.D

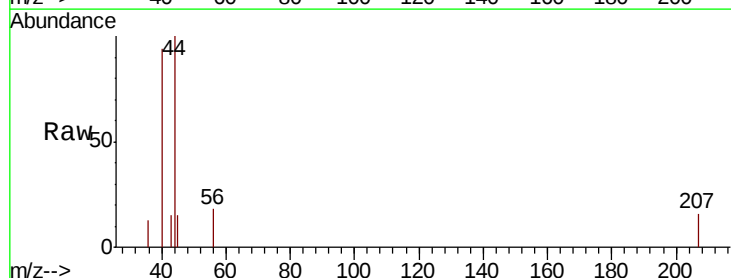
Acq: 20 Dec 2018 10:08

Tgt Ion: 56 Resp: 159

Ion Ratio Lower Upper

56 100

55 63.5 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

3.59

250

200

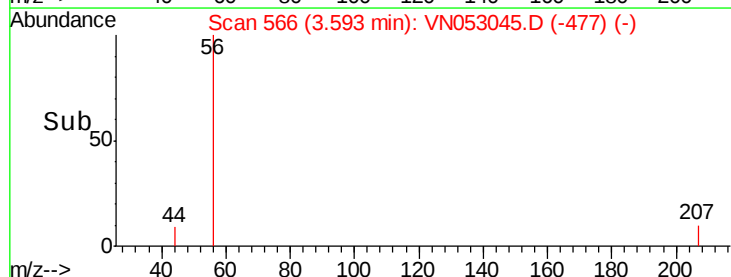
150

100

50

0

Time-->





#16

Acetone

Concen: 0.770 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN053045.D

Acq: 20 Dec 2018 10:08

Instrument :

MSVOA_N

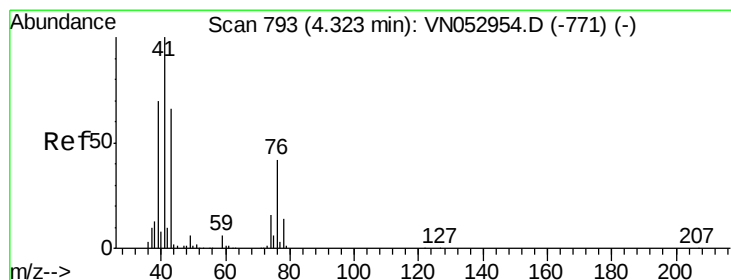
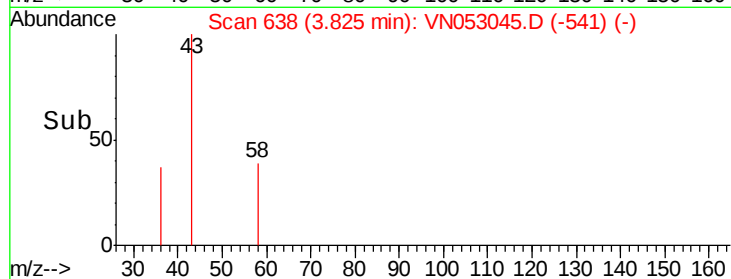
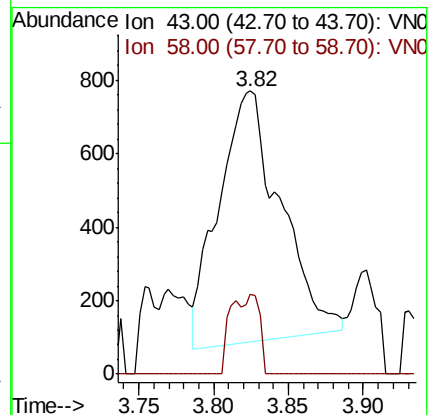
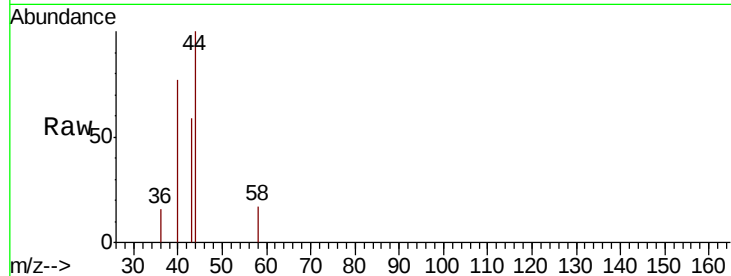
ClientSampled :

Tot Ion: 43 Resp: 1967

Ion Ratio Lower Upper

43 100

58 35.3 25.4 38.0



#18

Methyl Acetate

Concen: 1.113 ug/l

RT: 4.32 min Scan# 793

Delta R.T. 0.00 min

Lab File: VN053045.D

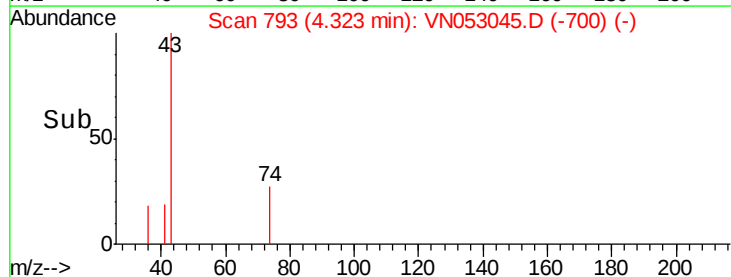
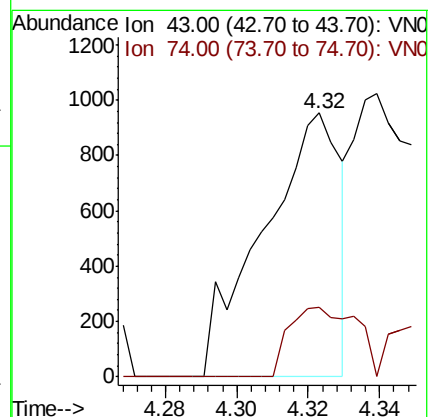
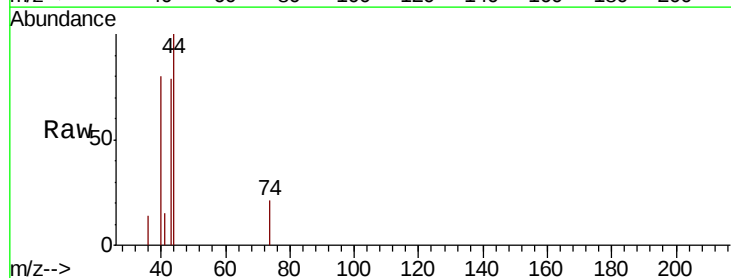
Acq: 20 Dec 2018 10:08

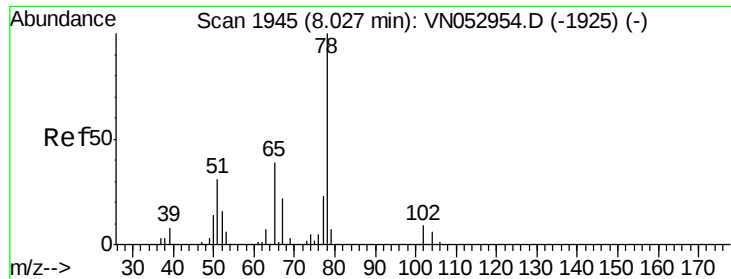
Tgt Ion: 43 Resp: 1426

Ion Ratio Lower Upper

43 100

74 23.0 19.2 28.8

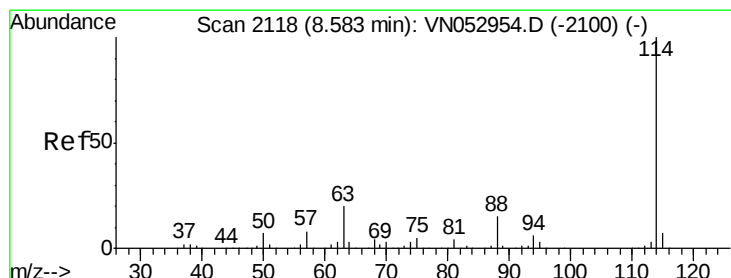
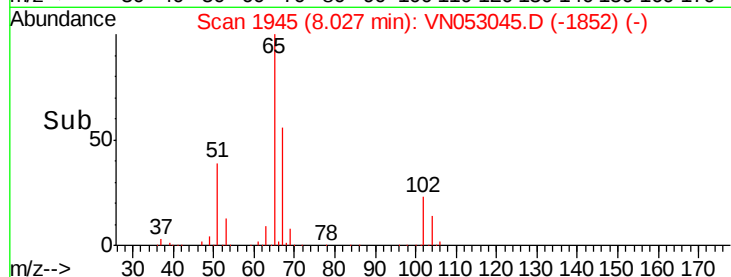
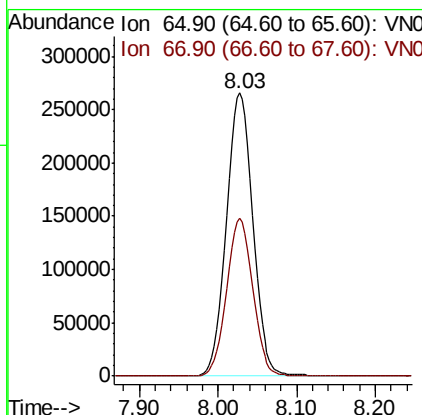
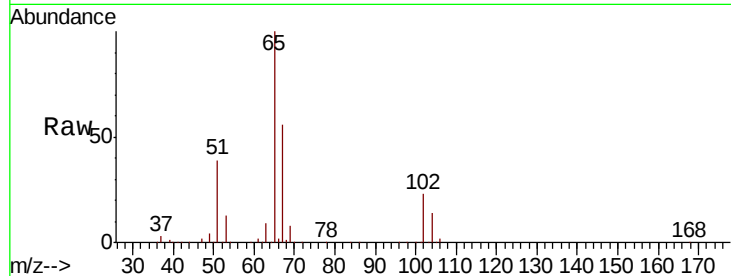




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN053045.D
 Acq: 20 Dec 2018 10:08

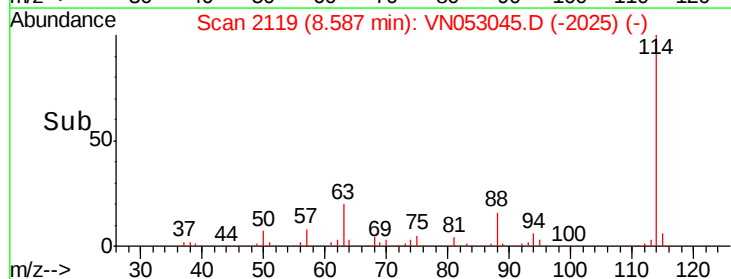
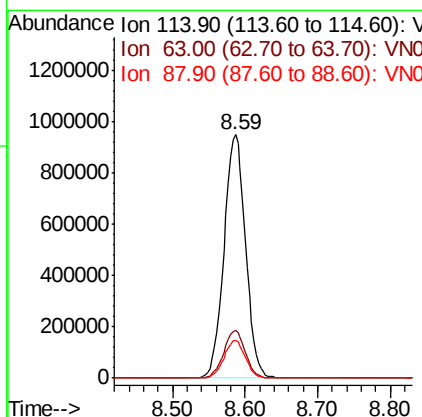
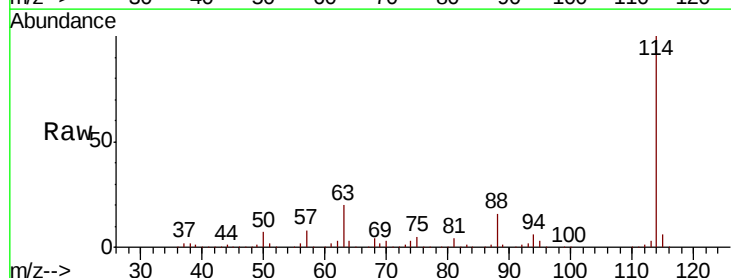
Instrument :
 MSVOA_N
 ClientSampleId :

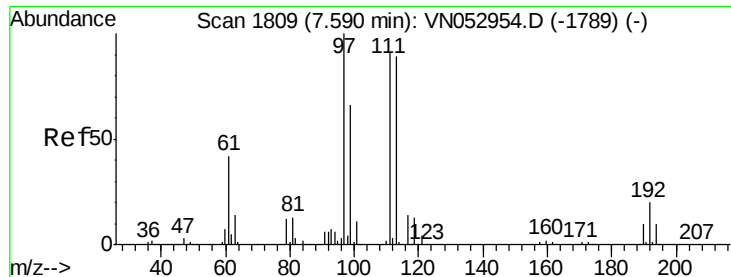
Tot Ion: 65 Resp: 619870
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053045.D
 Acq: 20 Dec 2018 10:08

Tgt Ion: 114 Resp: 1955415
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.8
 88 15.5 0.0 31.0

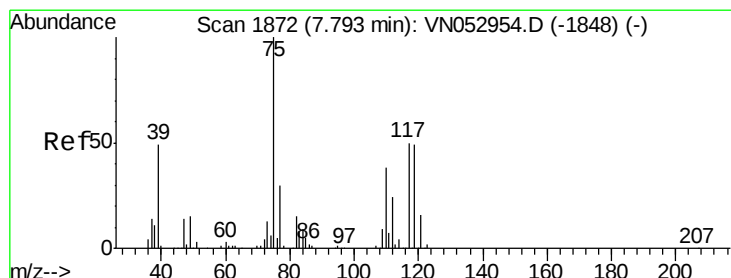
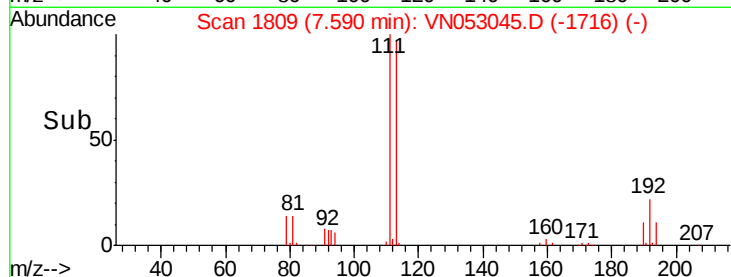
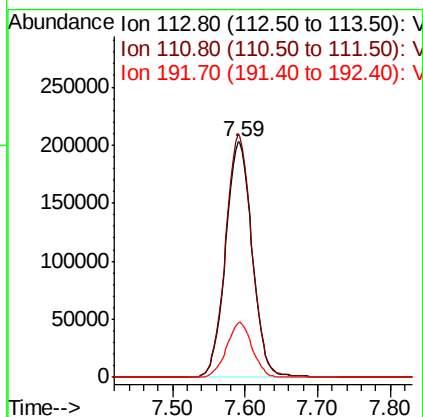
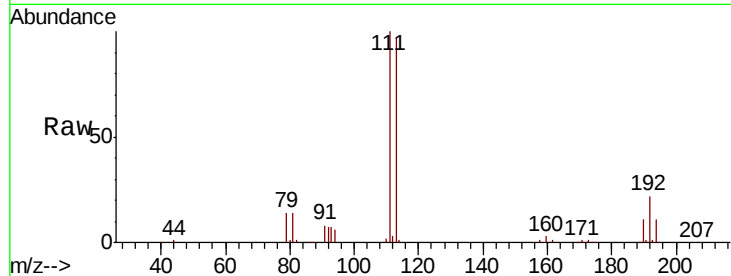




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN053045.D
 Acq: 20 Dec 2018 10:08

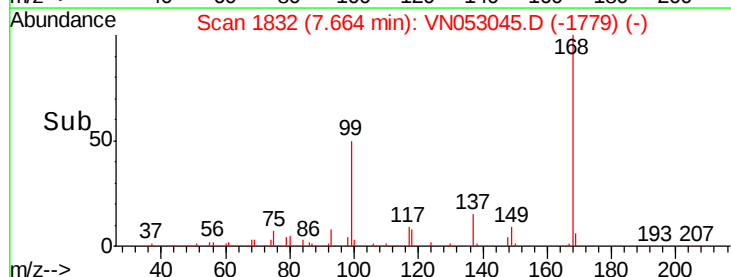
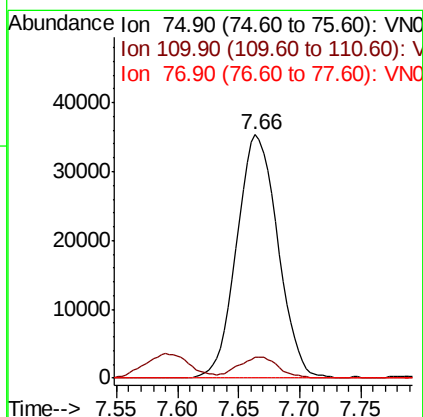
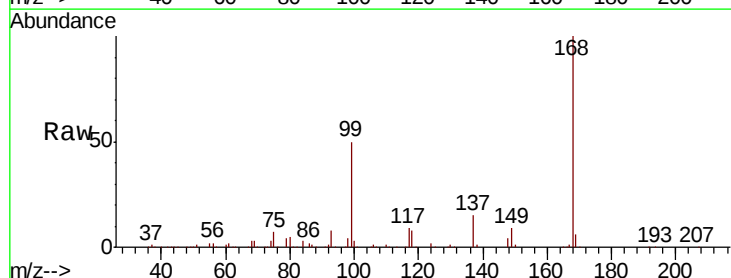
Instrument :
 MSVOA_N
 ClientSampleId :

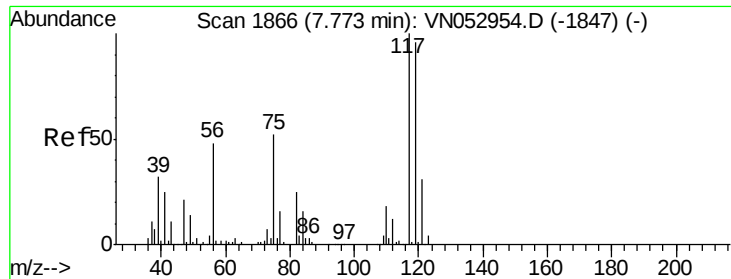
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.0	124.4
192	22.5	17.5	26.3



#36
 1,1-Dichloropropene
 Concen: 4.398 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN053045.D
 Acq: 20 Dec 2018 10:08

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.4	18.2	54.6#
77	0.0	24.9	37.3#

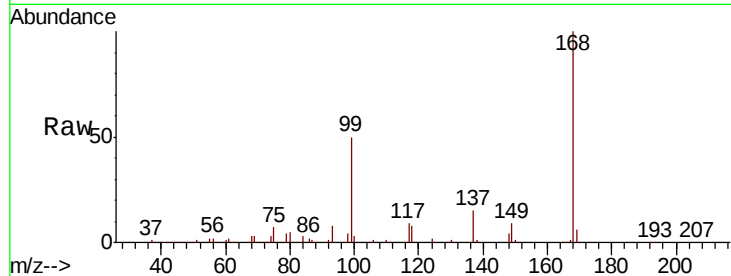




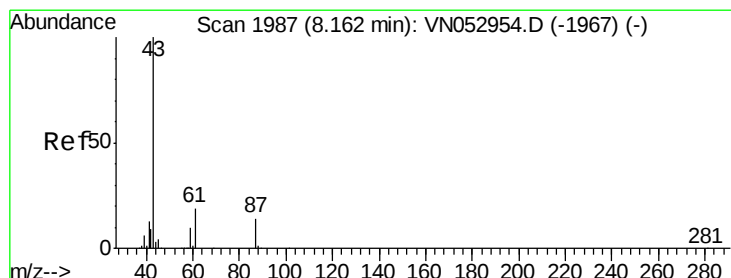
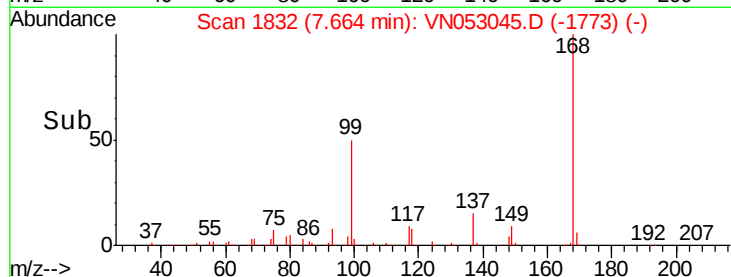
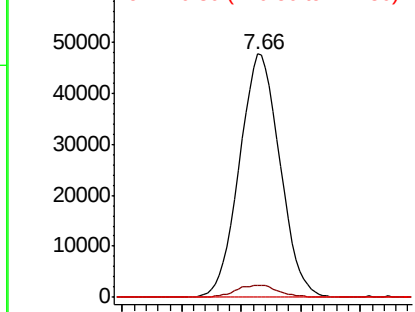
#38
Carbon Tetrachloride
Concen: 6.530 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN053045.D
Acq: 20 Dec 2018 10:08

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 112338
Ion Ratio Lower Upper
117 100
119 5.2 77.1 115.7#
121 0.0 24.9 37.3#

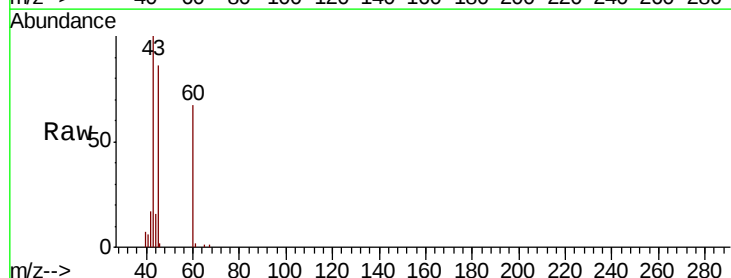


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

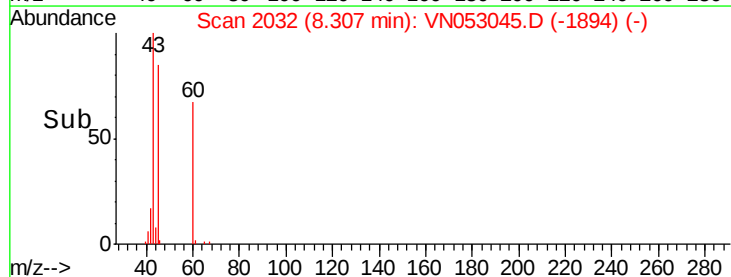
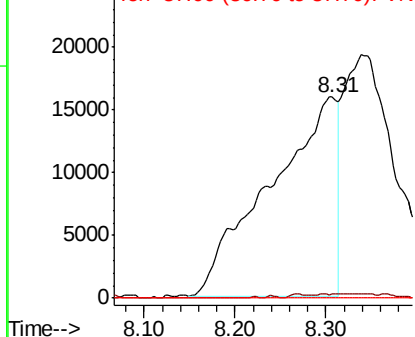


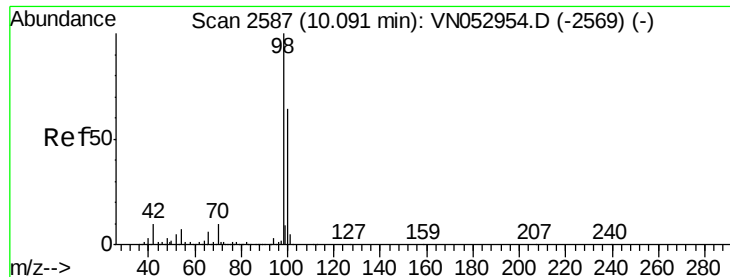
#43
Isopropyl Acetate
Concen: 3.029 ug/l
RT: 8.31 min Scan# 2032
Delta R.T. 0.14 min
Lab File: VN053045.D
Acq: 20 Dec 2018 10:08

Tgt Ion: 43 Resp: 81319
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: VN053045.D

Acq: 20 Dec 2018 10:08

Instrument :

MSVOA_N

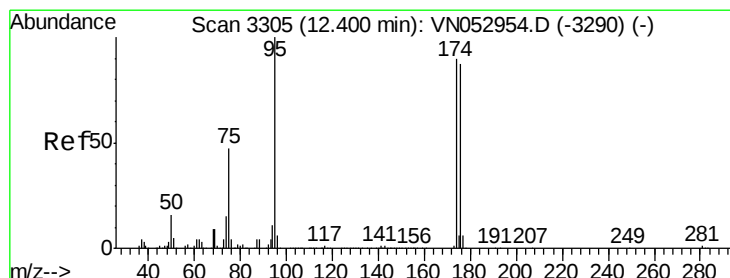
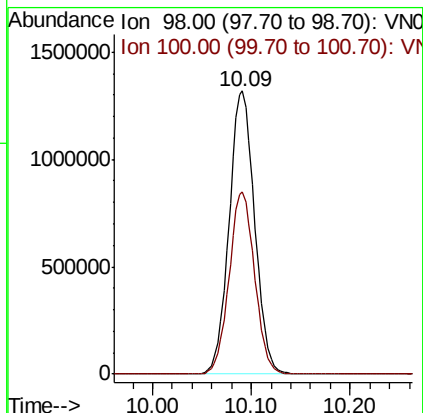
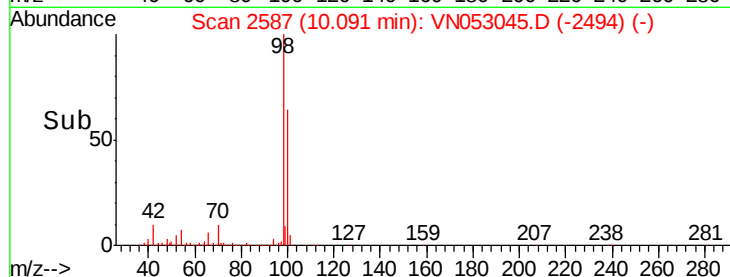
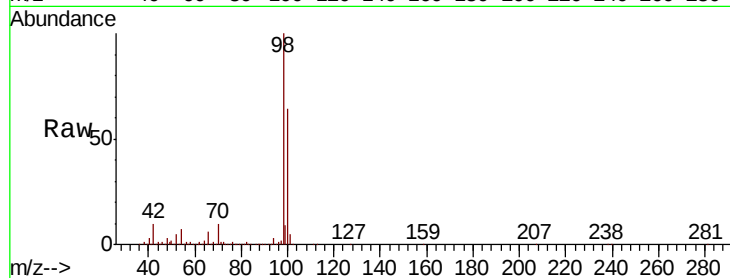
ClientSampled :

Tot Ion: 98 Resp: 2384420

Ion Ratio Lower Upper

98 100

100 64.2 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: VN053045.D

Acq: 20 Dec 2018 10:08

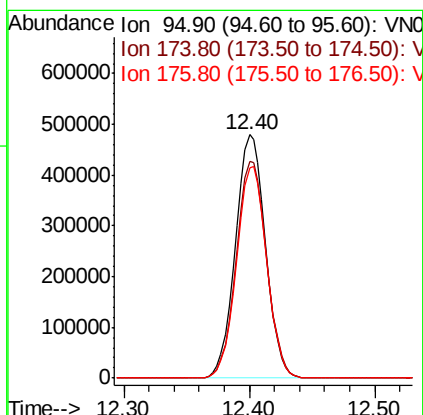
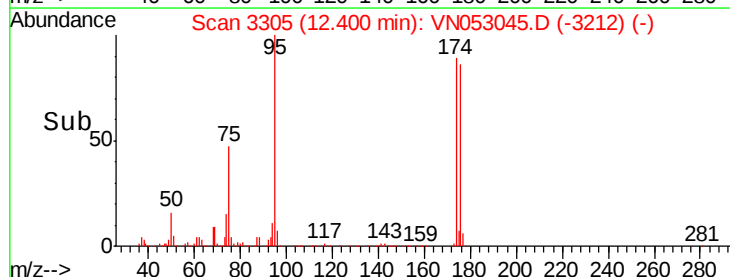
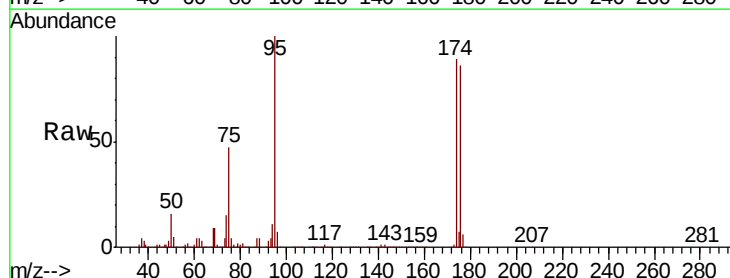
Tgt Ion: 95 Resp: 795522

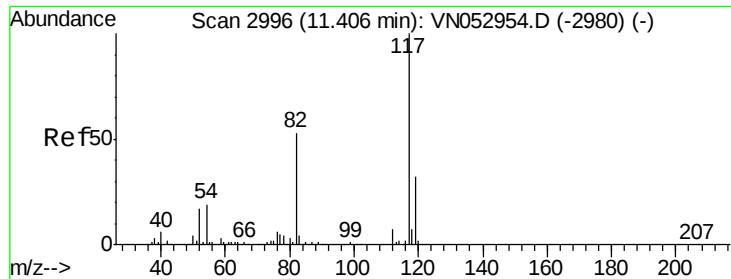
Ion Ratio Lower Upper

95 100

174 90.2 0.0 178.8

176 87.5 0.0 173.8

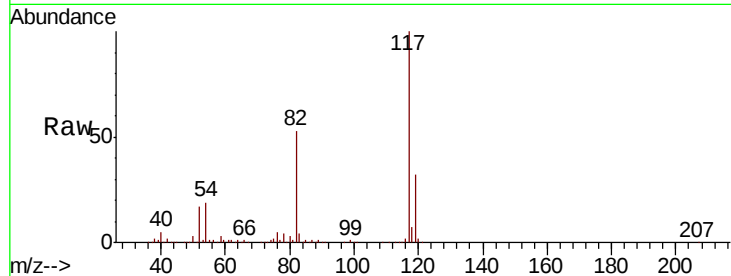




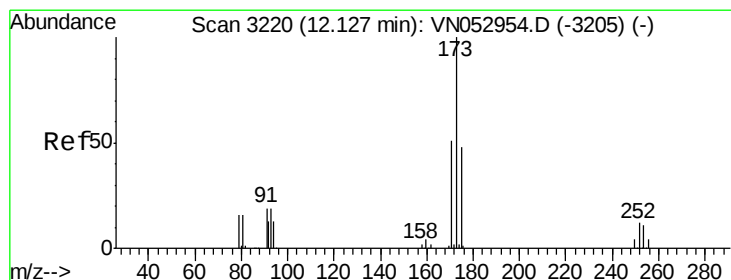
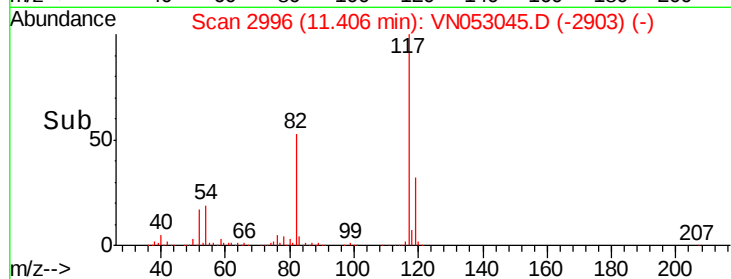
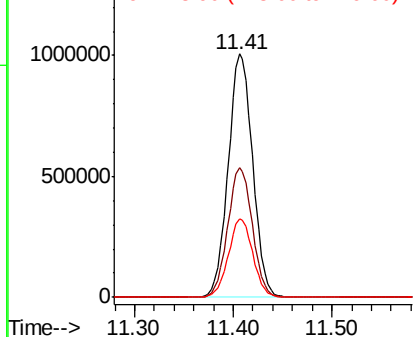
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053045.D
Acq: 20 Dec 2018 10:08

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 1748811
Ion Ratio Lower Upper
117 100
82 53.0 42.8 64.2
119 32.1 25.5 38.3

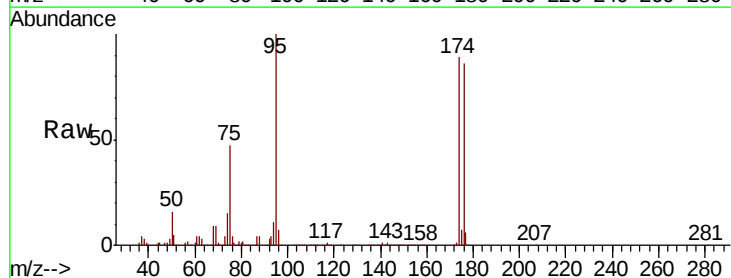


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

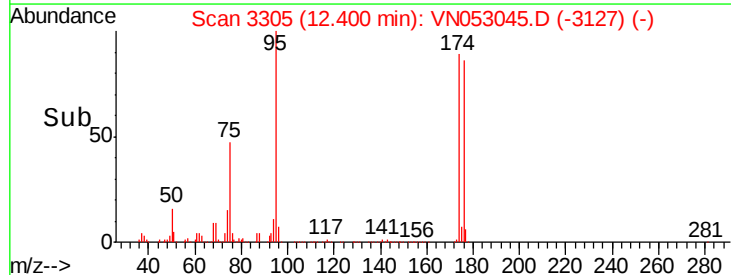
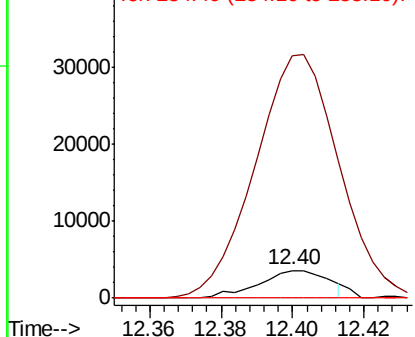


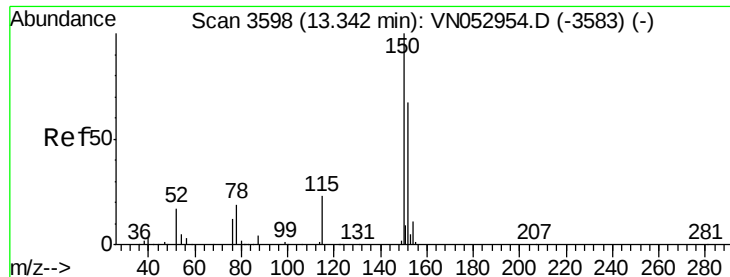
#71
Bromoform
Concen: 0.496 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN053045.D
Acq: 20 Dec 2018 10:08

Tgt Ion:173 Resp: 4834
Ion Ratio Lower Upper
173 100
175 946.9 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



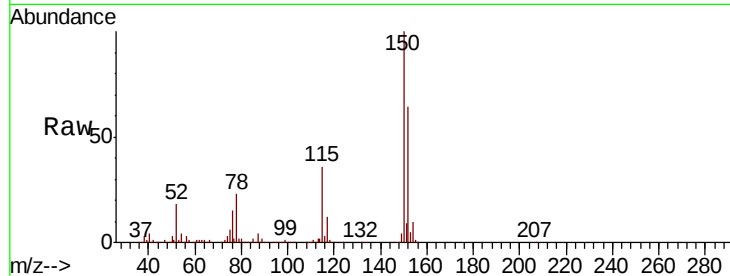


#72

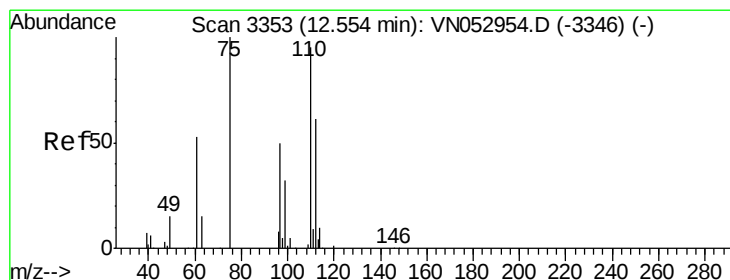
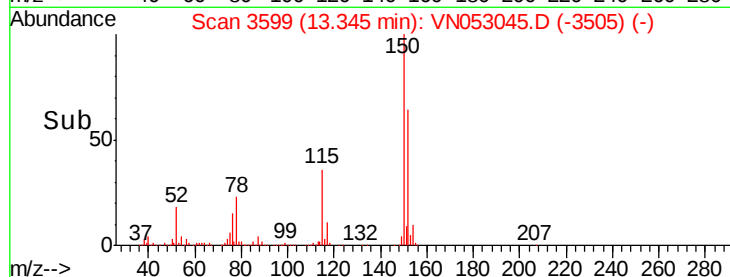
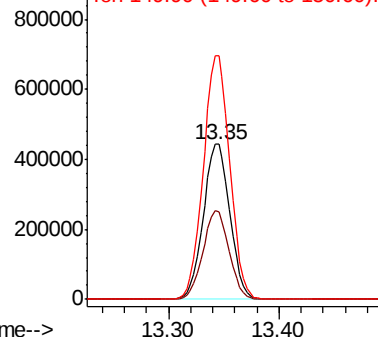
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053045.D
Acq: 20 Dec 2018 10:08

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:152 Resp: 735541
Ion Ratio Lower Upper
152 100
115 56.3 28.3 85.0
150 156.9 0.0 347.8



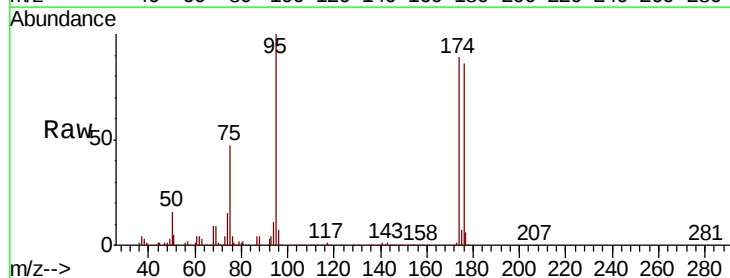
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



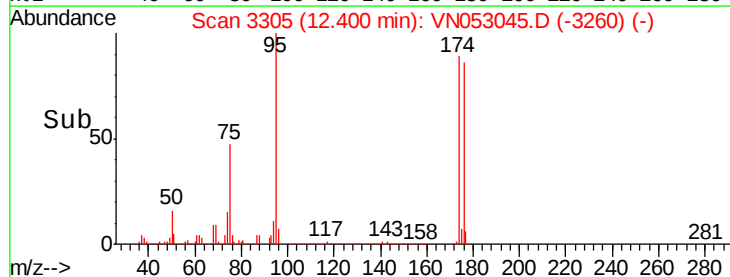
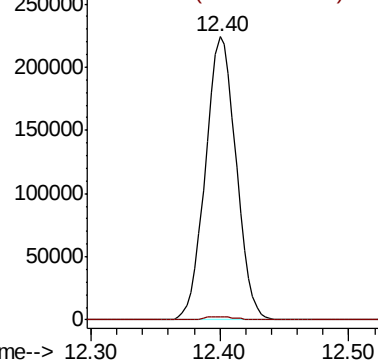
#76

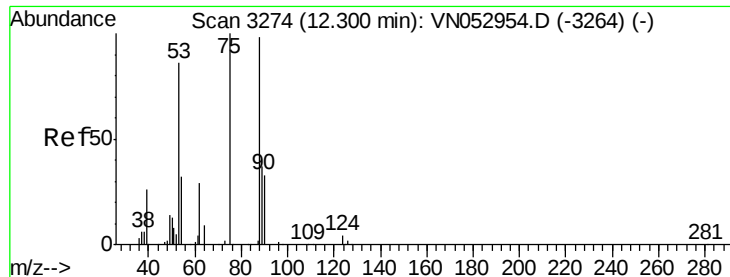
1,2,3-Trichloropropane
Concen: 29.829 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN053045.D
Acq: 20 Dec 2018 10:08

Tgt Ion: 75 Resp: 369350
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 96.144 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053045.D

Acq: 20 Dec 2018 10:08

Instrument :

MSVOA_N

ClientSampleId :

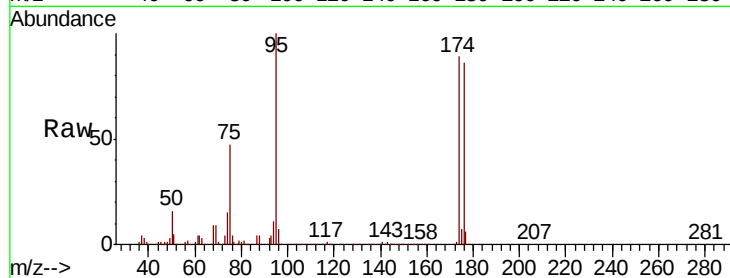
Tot Ion: 75 Resp: 369350

Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

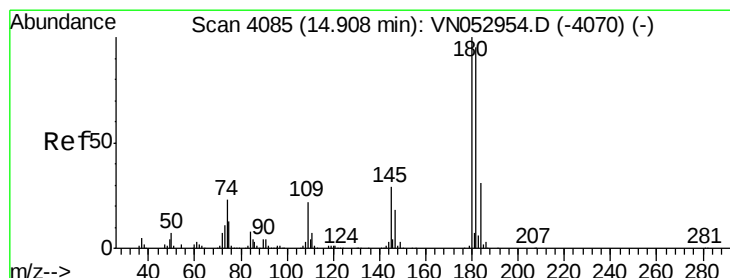
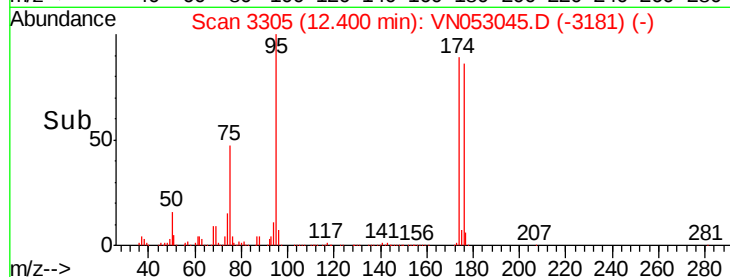
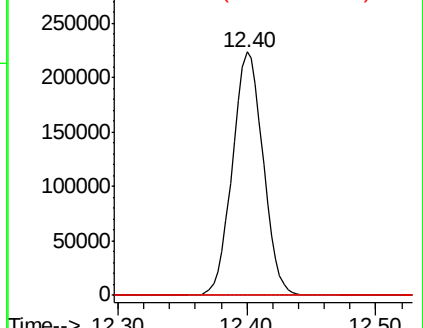
89 0.0 36.1 54.1#



Abundance Ion 74.90 (74.60 to 75.60): VN053045.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN053045.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN053045.D (-3181) (-)



#93

1,2,4-Trichlorobenzene

Concen: 0.712 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN053045.D

Acq: 20 Dec 2018 10:08

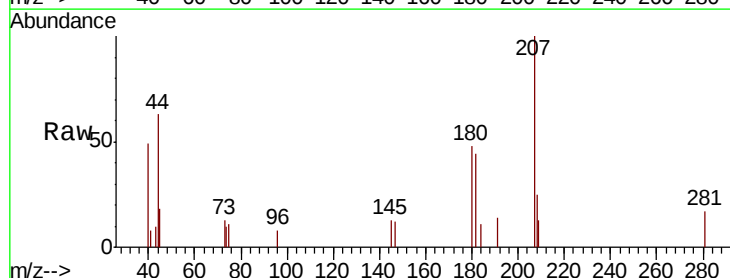
Tgt Ion: 180 Resp: 1548

Ion Ratio Lower Upper

180 100

182 104.1 47.8 143.3

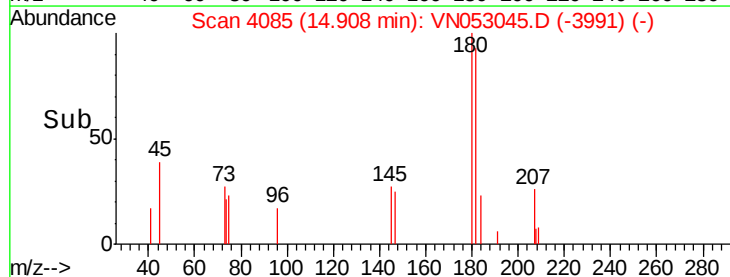
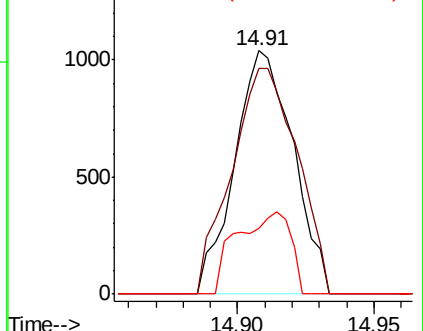
145 30.9 14.2 42.6

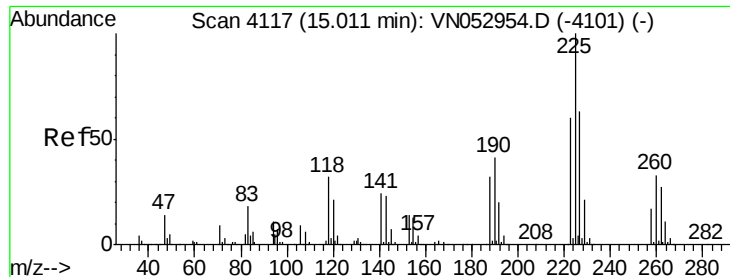


Abundance Ion 179.80 (179.50 to 180.50): VN053045.D (-3991) (-)

Ion 181.80 (181.50 to 182.50): VN053045.D (-3991) (-)

Ion 144.80 (144.50 to 145.50): VN053045.D (-3991) (-)





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4116

Delta R.T. -0.00 min

Lab File: VN053045.D

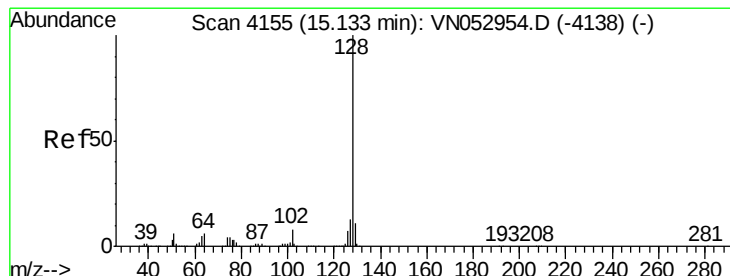
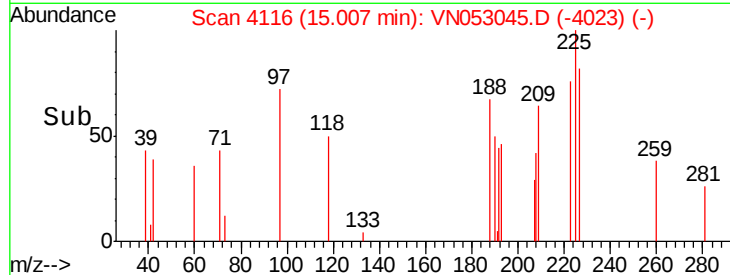
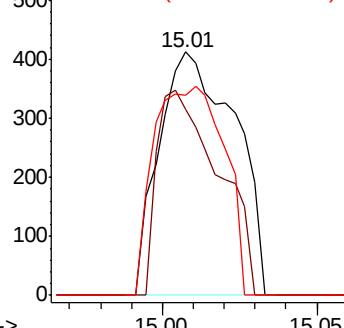
Acq: 20 Dec 2018 10:08

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	225	Resp:	704
Ion	Ratio	Lower	Upper
225	100		
223	68.9	31.5	94.5
227	79.8	31.9	95.7



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 1.318 ug/l

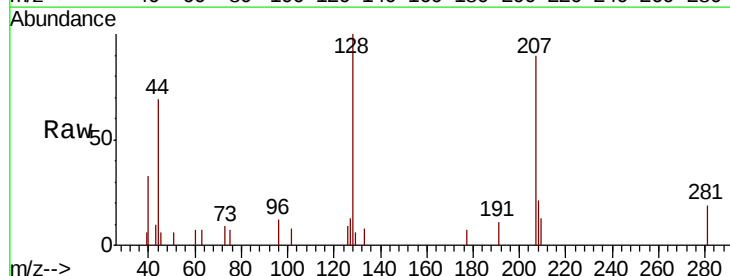
RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

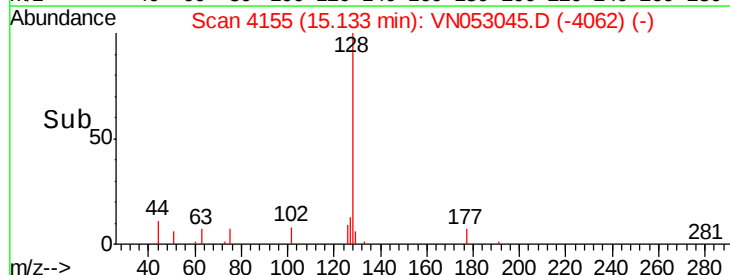
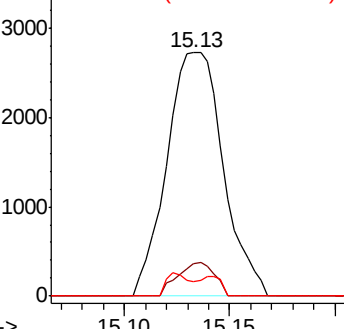
Lab File: VN053045.D

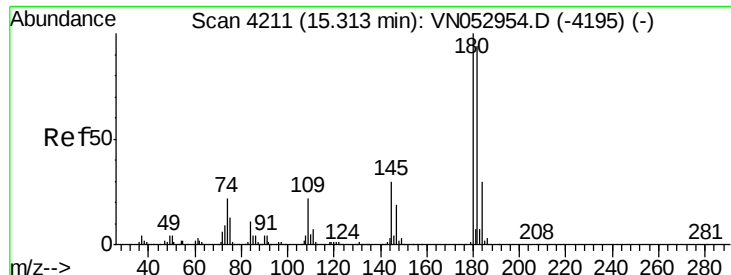
Acq: 20 Dec 2018 10:08

Tgt Ion:	128	Resp:	5068
Ion	Ratio	Lower	Upper
128	100		
127	9.1	10.2	15.4#
129	3.1	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

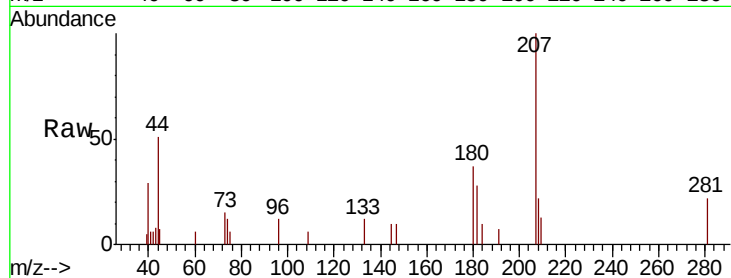




#96
 1,2,3-Trichlorobenzene
 Concen: 0.678 ug/l
 RT: 15.32 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN053045.D
 Acq: 20 Dec 2018 10:08

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	85.0	47.9	143.7
145	22.7	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

