

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121718\
 Data File : VN052943.D
 Acq On : 17 Dec 2018 23:11
 Operator : MD\SY
 Sample : VN1217MBL01
 Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 32 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 18 06:28:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 13 01:08:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1251646	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1913911	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1649031	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	629721	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	610478	45.87	ug/l	0.00
Spiked Amount			Recovery	=	91.74%	
35) Dibromofluoromethane	7.59	113	421706	39.47	ug/l	0.00
Spiked Amount			Recovery	=	78.94%	
50) Toluene-d8	10.09	98	2307065	49.81	ug/l	0.00
Spiked Amount			Recovery	=	99.62%	
62) 4-Bromofluorobenzene	12.40	95	727083	46.32	ug/l	0.00
Spiked Amount			Recovery	=	92.64%	

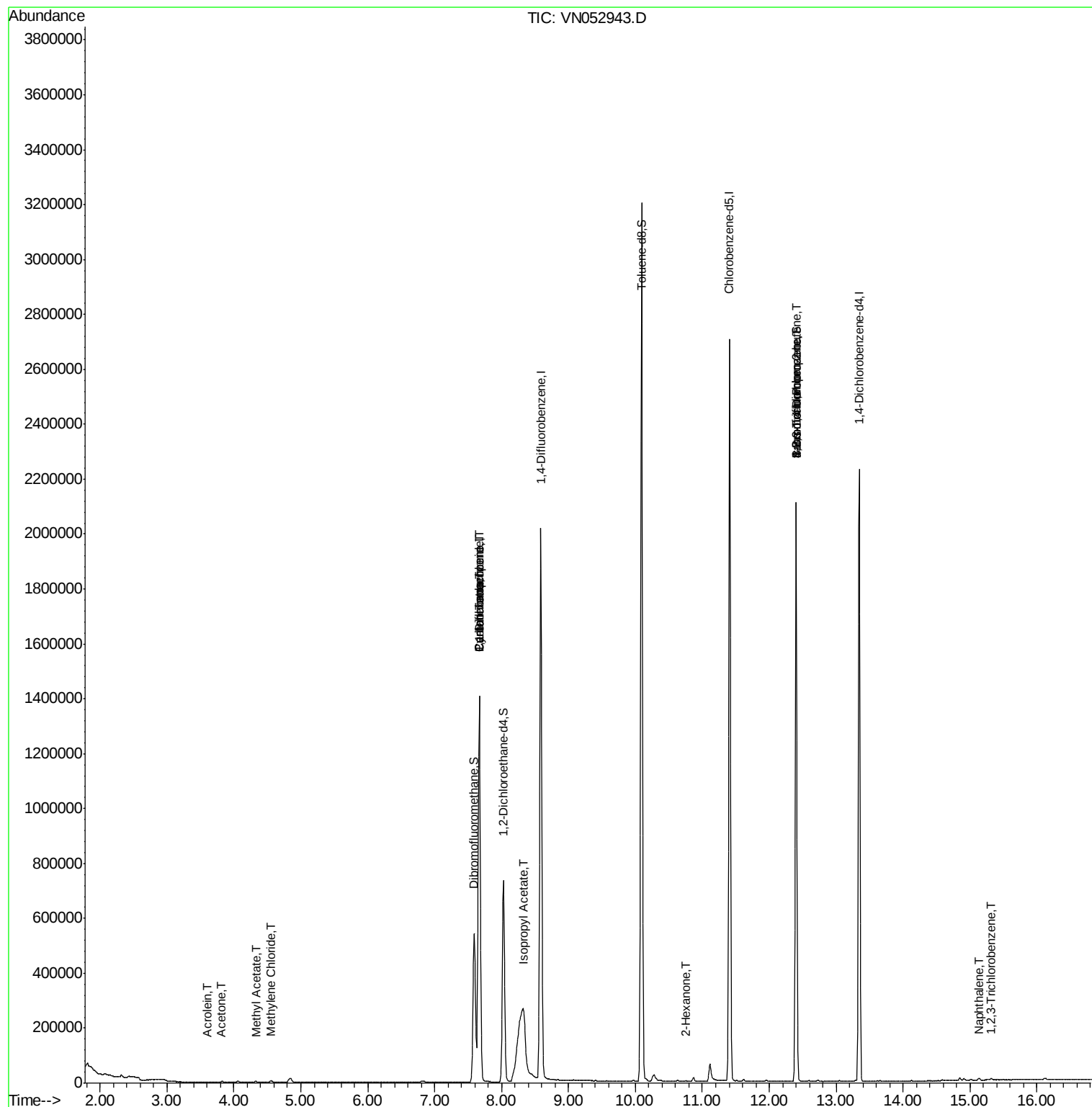
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.60	56	661	0.944	ug/l #	78
16) Acetone	3.82	43	4506	1.508	ug/l	92
18) Methyl Acetate	4.33	43	4997	0.456	ug/l	97
20) Methylene Chloride	4.55	84	3934	0.292	ug/l	89
31) Cyclohexane	7.66	56	20835	0.348	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	82429	4.677	ug/l #	49
38) Carbon Tetrachloride	7.67	117	109358	6.741	ug/l #	15
43) Isopropyl Acetate	8.32	43	744458	34.294	ug/l #	53
59) 2-Hexanone	10.75	43	2274	0.333	ug/l #	54
71) Bromoform	12.40	173	4279	0.529	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	339012	36.489	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	339012	117.220	ug/l #	12
95) Naphthalene	15.13	128	6195	0.269	ug/l	96
96) 1,2,3-Trichlorobenzene	15.32	180	2226	0.218	ug/l	94

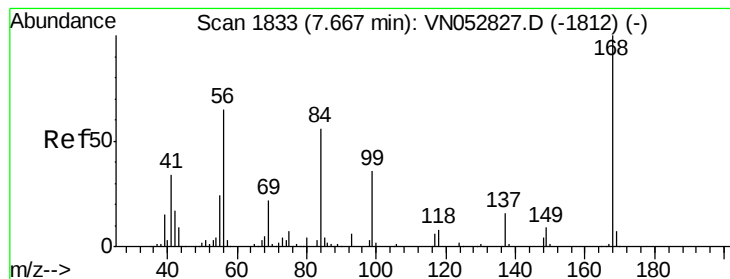
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN121718\
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Instrument :
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ClientSampleId :

Quant Time: Dec 18 06:28:49 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 13 01:08:35 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: VN052943.D

Acq: 17 Dec 2018 23:11

Instrument :

MSVOA_N

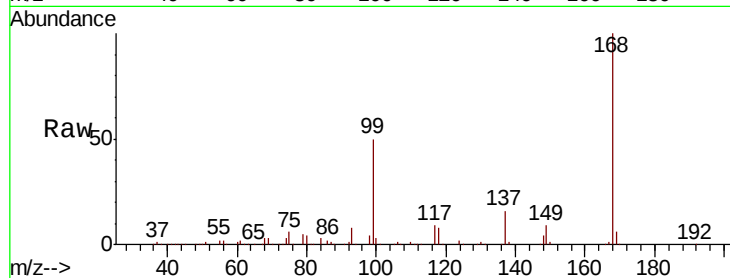
ClientSampleId :

Tot Ion:168 Resp: 1251646

Ion Ratio Lower Upper

168 100

99 49.6 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN052827.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN052827.D (-1812) (-)

7.67

600000

500000

400000

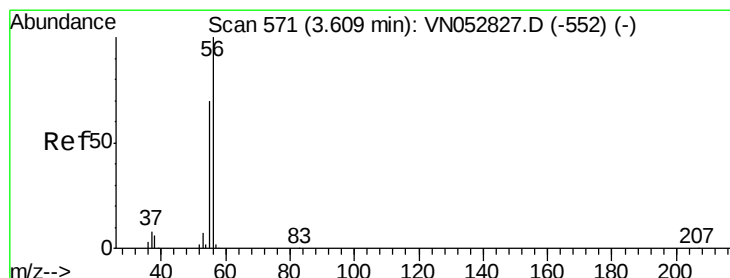
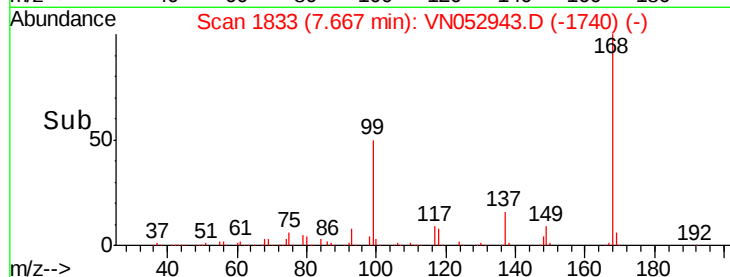
300000

200000

100000

0

Time-->



#13

Acrolein

Concen: 0.944 ug/l

RT: 3.60 min Scan# 569

Delta R.T. -0.01 min

Lab File: VN052943.D

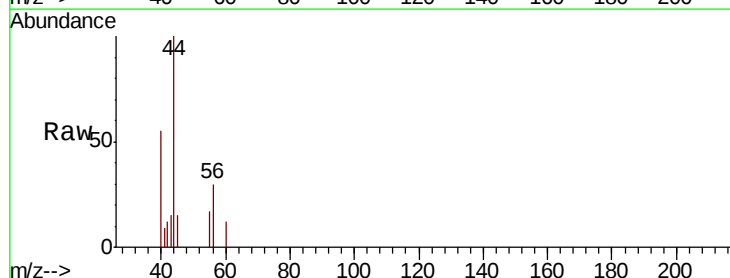
Acq: 17 Dec 2018 23:11

Tgt Ion: 56 Resp: 661

Ion Ratio Lower Upper

56 100

55 52.6 56.6 85.0#



Abundance Ion 56.00 (55.70 to 56.70): VN052827.D (-552) (-)

Ion 55.00 (54.70 to 55.70): VN052827.D (-552) (-)

3.60

600

500

400

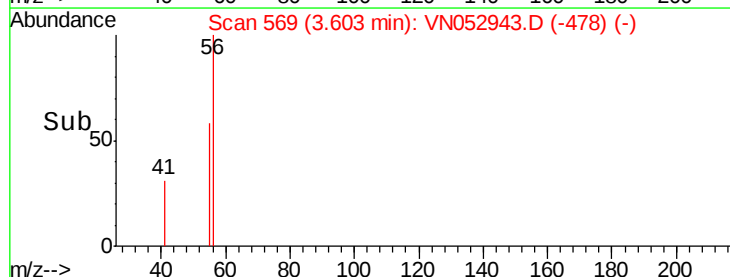
300

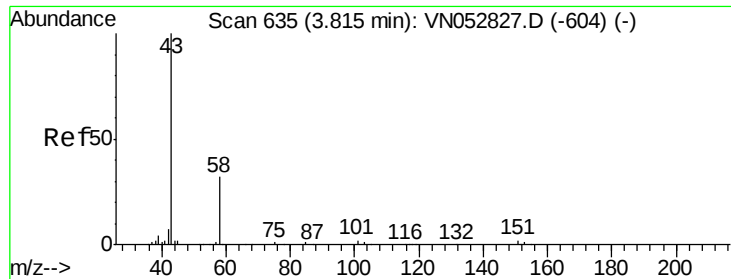
200

100

0

Time-->





#16

Acetone

Concen: 1.508 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN052943.D

Acq: 17 Dec 2018 23:11

Instrument :

MSVOA_N

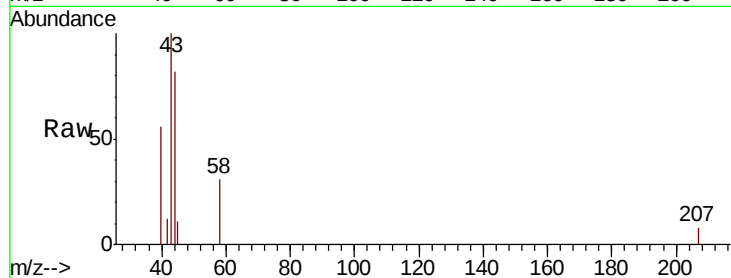
ClientSampled :

Tot Ion: 43 Resp: 4506

Ion Ratio Lower Upper

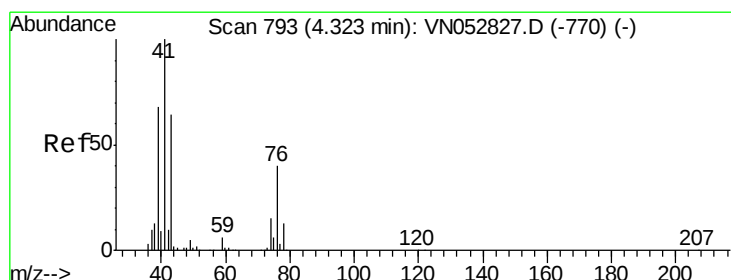
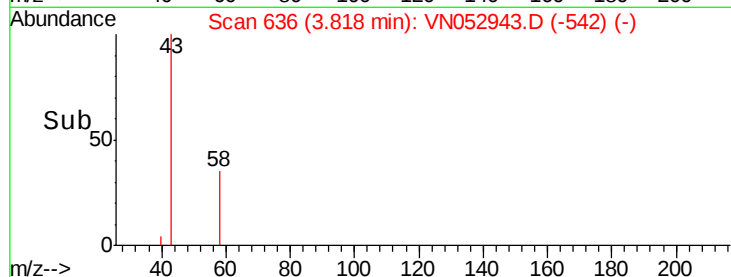
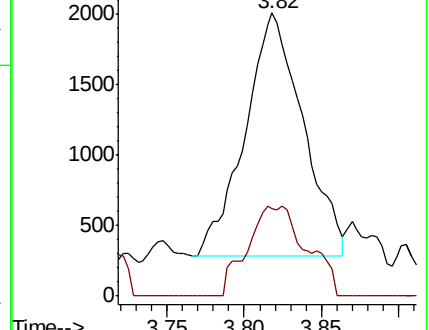
43 100

58 36.2 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN052827.D (-604) (-)

Ion 58.00 (57.70 to 58.70): VN052827.D (-604) (-)



#18

Methyl Acetate

Concen: 0.456 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN052943.D

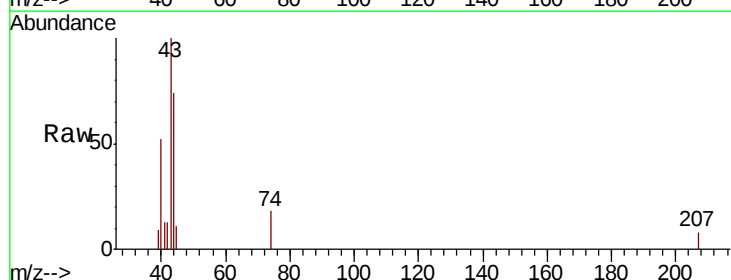
Acq: 17 Dec 2018 23:11

Tgt Ion: 43 Resp: 4997

Ion Ratio Lower Upper

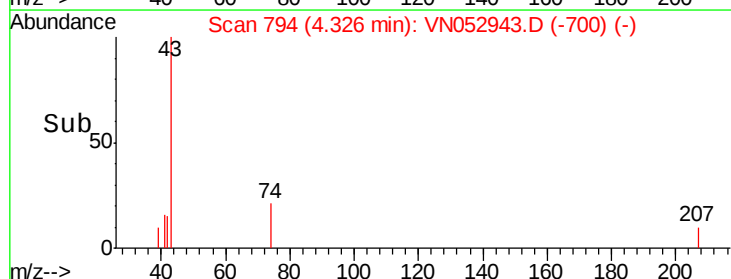
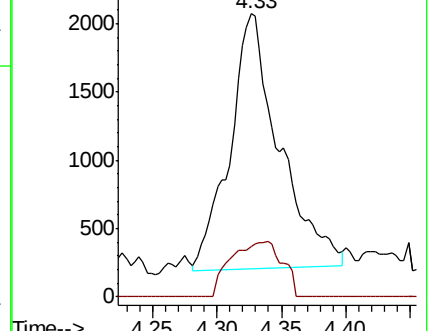
43 100

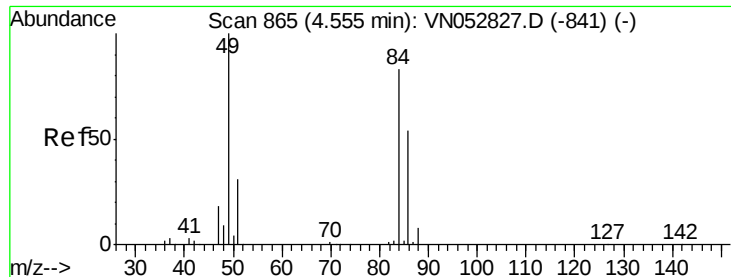
74 22.3 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VN052827.D (-770) (-)

Ion 74.00 (73.70 to 74.70): VN052827.D (-770) (-)

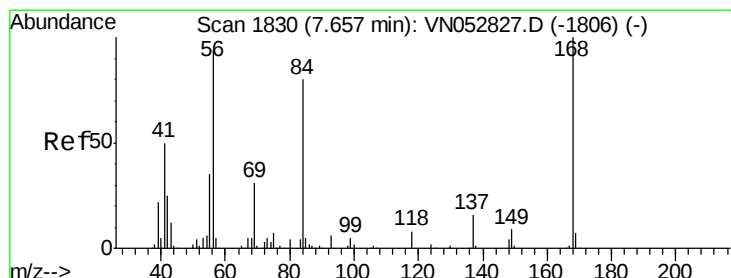
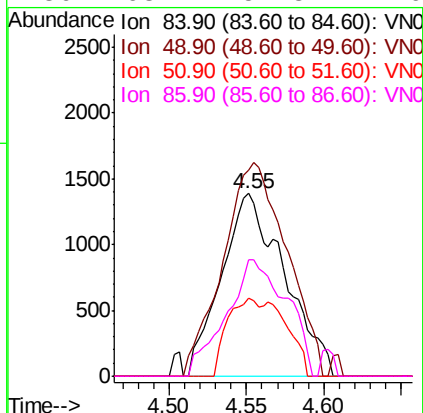
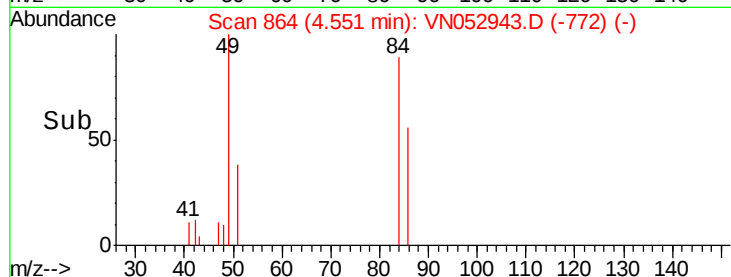
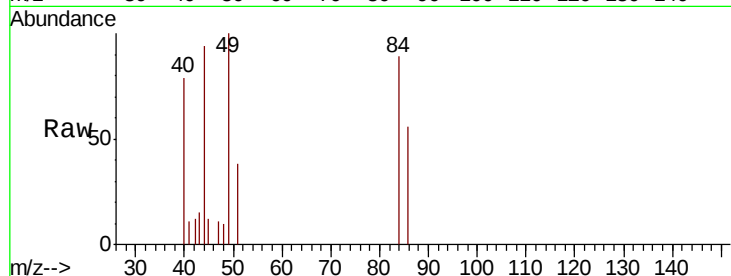




#20
Methvlene Chloride
Concen: 0.292 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN052943.D
Acq: 17 Dec 2018 23:11

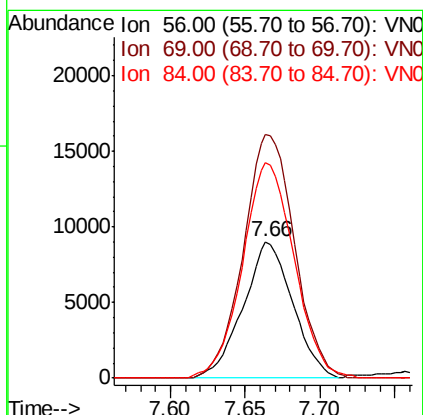
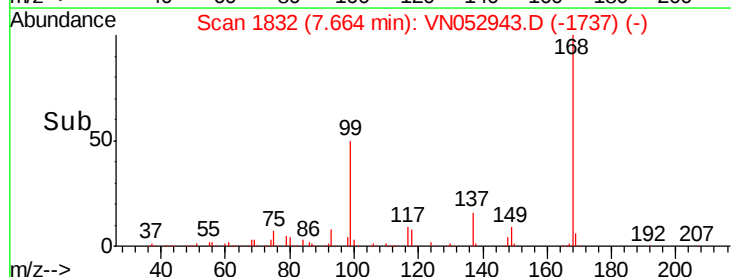
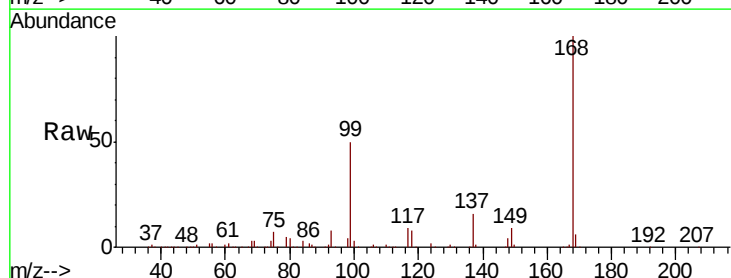
Instrument :
MSVOA_N
ClientSampleId :

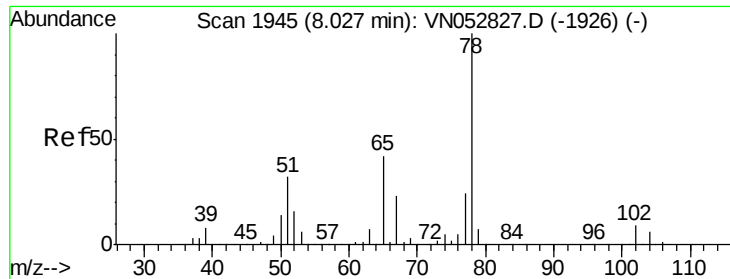
Tot Ion:	84	Resp:	3934
Ion	Ratio	Lower	Upper
84	100		
49	101.8	96.8	145.2
51	42.6	29.9	44.9
86	63.4	51.8	77.6



#31
Cyclohexane
Concen: 0.348 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN052943.D
Acq: 17 Dec 2018 23:11

Tgt Ion:	56	Resp:	20835
Ion	Ratio	Lower	Upper
56	100		
69	178.3	26.6	39.8#
84	157.8	68.4	102.6#

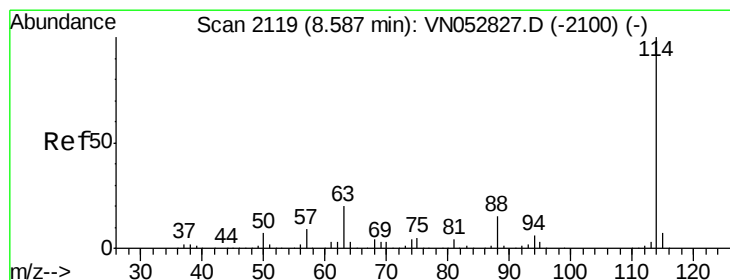
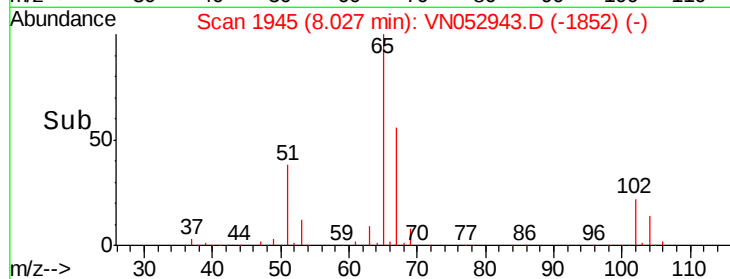
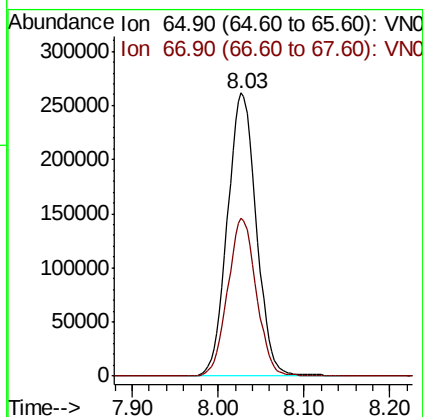
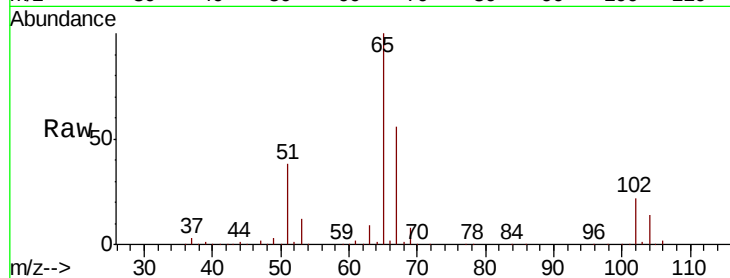




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN052943.D
 Acq: 17 Dec 2018 23:11

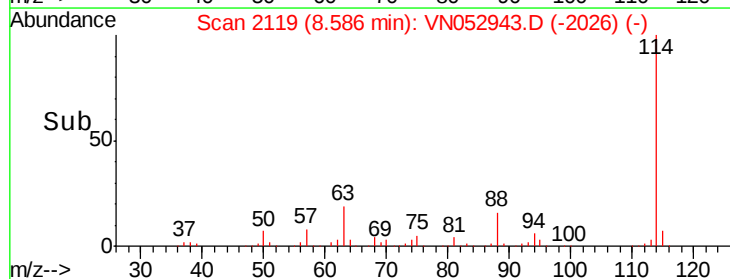
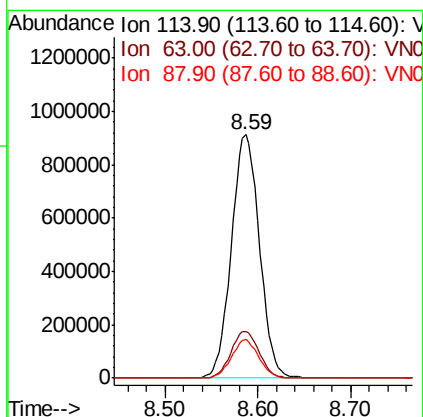
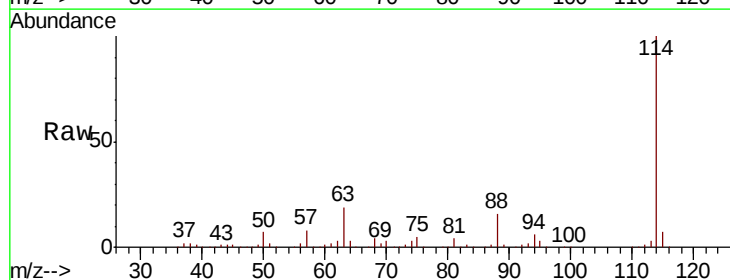
Instrument :
 MSVOA_N
 ClientSampleId :

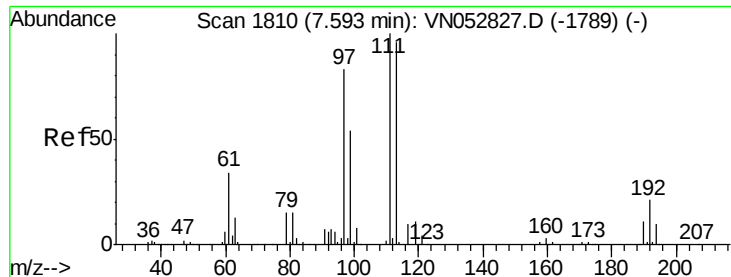
Tot Ion: 65 Resp: 610478
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052943.D
 Acq: 17 Dec 2018 23:11

Tgt Ion: 114 Resp: 1913911
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.8
 88 15.7 0.0 31.0

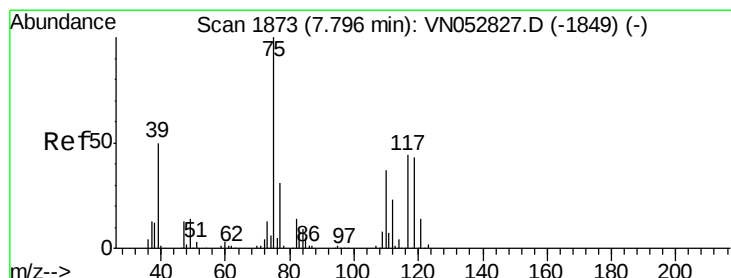
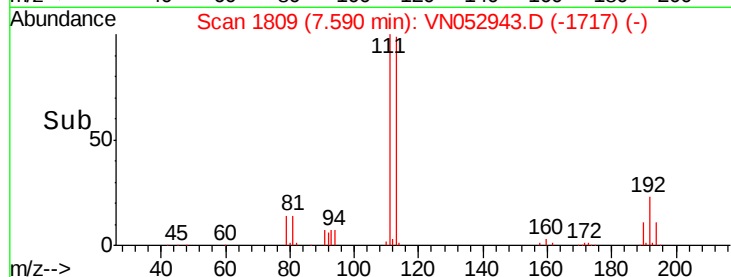
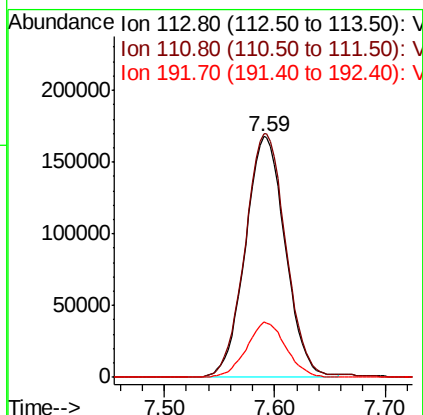
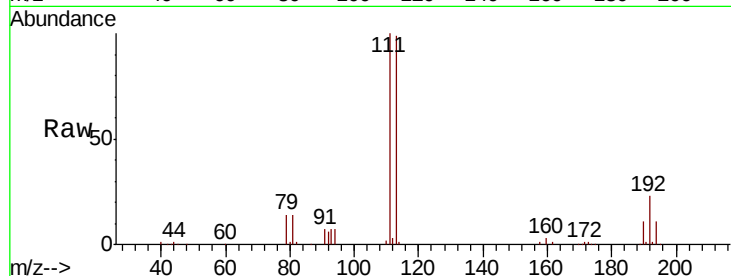




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN052943.D
 Acq: 17 Dec 2018 23:11

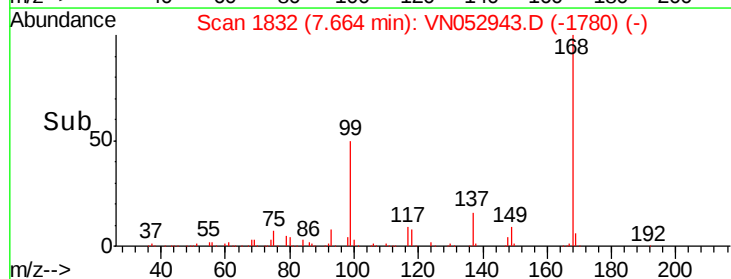
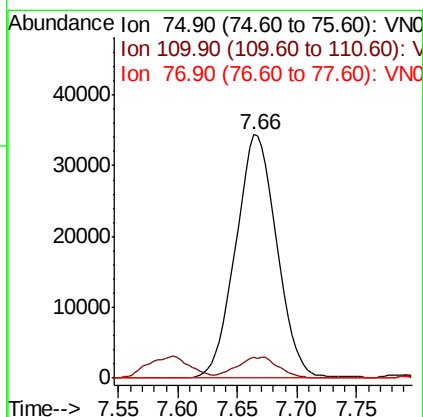
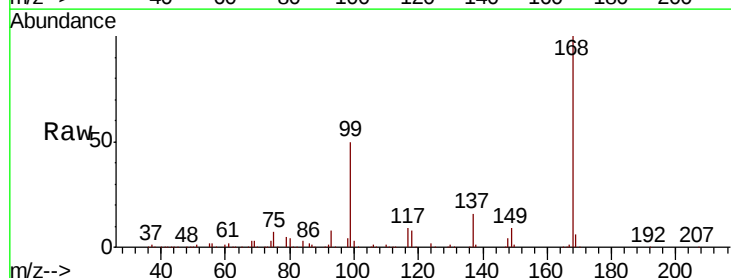
Instrument :
 MSVOA_N
 ClientSampled :

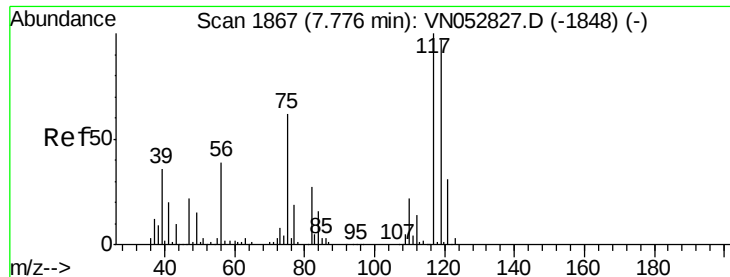
Tot Ion:113 Resp: 421706
 Ion Ratio Lower Upper
 113 100
 111 104.0 83.0 124.4
 192 22.7 17.5 26.3



#36
 1,1-Dichloropropene
 Concen: 4.677 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN052943.D
 Acq: 17 Dec 2018 23:11

Tgt Ion: 75 Resp: 82429
 Ion Ratio Lower Upper
 75 100
 110 8.6 18.2 54.6#
 77 0.0 24.9 37.3#





#38

Carbon Tetrachloride

Concen: 6.741 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN052943.D

Acq: 17 Dec 2018 23:11

Instrument :

MSVOA_N

ClientSampled :

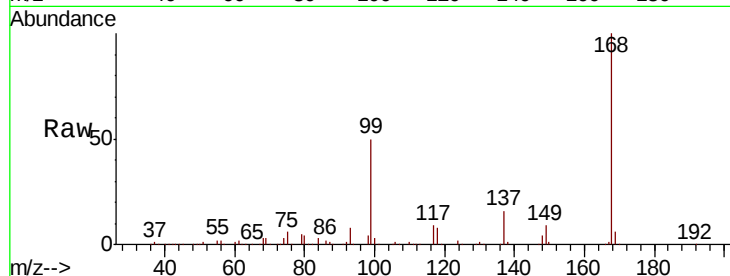
Tot Ion:117 Resp: 109358

Ion Ratio Lower Upper

117 100

119 4.4 77.1 115.7#

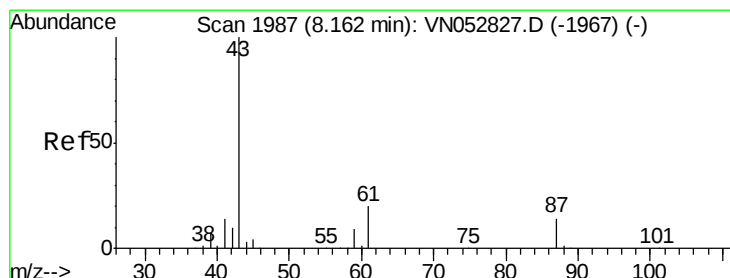
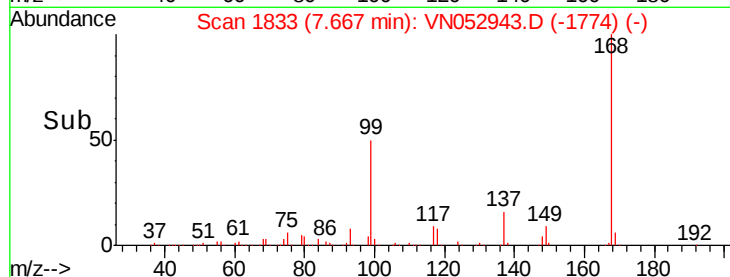
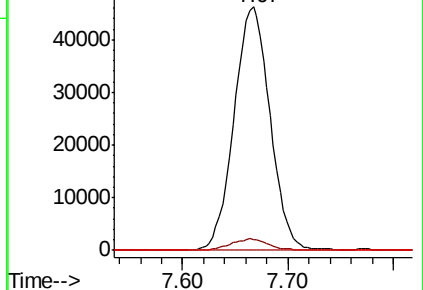
121 0.0 24.9 37.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 34.294 ug/l

RT: 8.32 min Scan# 2037

Delta R.T. 0.16 min

Lab File: VN052943.D

Acq: 17 Dec 2018 23:11

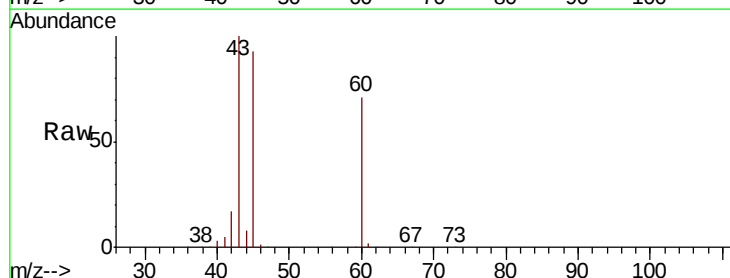
Tgt Ion: 43 Resp: 744458

Ion Ratio Lower Upper

43 100

61 0.0 22.9 34.3#

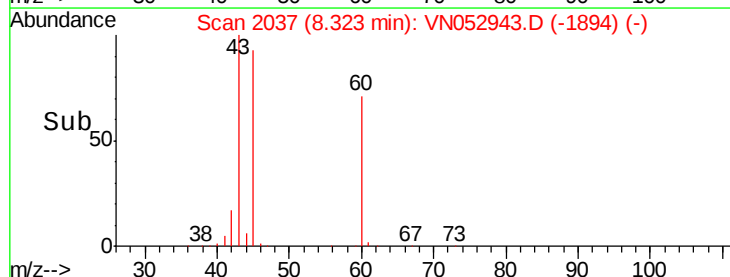
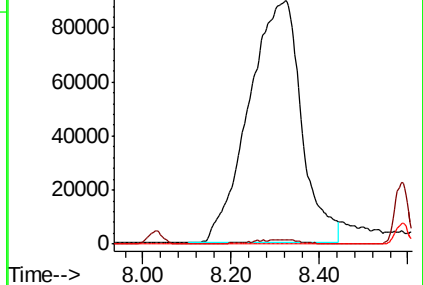
87 0.0 10.6 15.8#

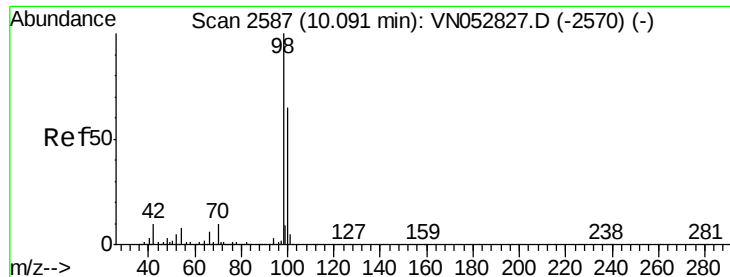


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052943.D

Acq: 17 Dec 2018 23:11

Instrument :

MSVOA_N

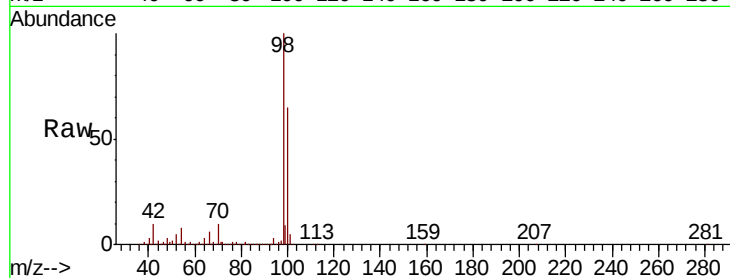
ClientSampled :

Tot Ion: 98 Resp: 2307065

Ion Ratio Lower Upper

98 100

100 64.2 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN052827.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN052827.D (-2570) (-)

10.09

1500000

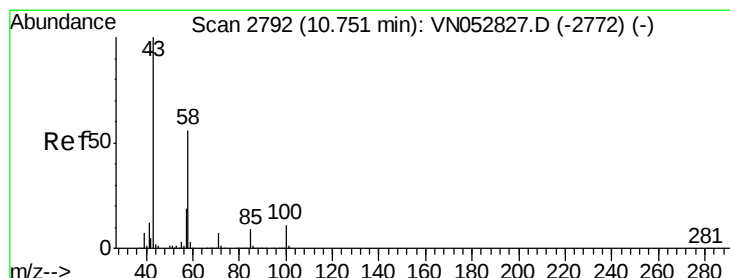
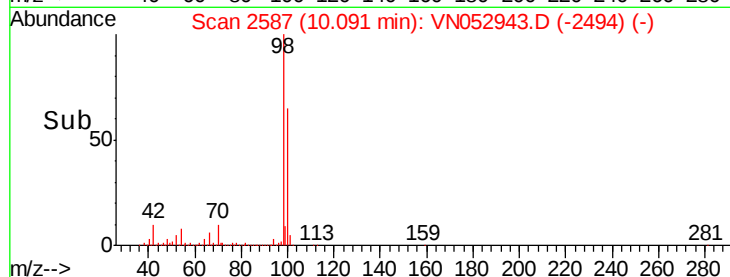
1000000

500000

0

Time-->

10.00 10.10 10.20



#59

2-Hexanone

Concen: 0.333 ug/l

RT: 10.75 min Scan# 2792

Delta R.T. -0.00 min

Lab File: VN052943.D

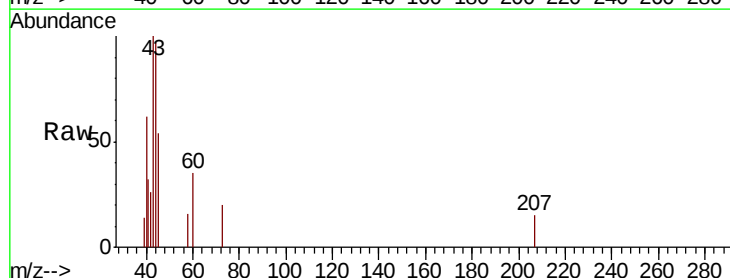
Acq: 17 Dec 2018 23:11

Tgt Ion: 43 Resp: 2274

Ion Ratio Lower Upper

43 100

58 22.8 28.1 84.3#



Abundance Ion 43.00 (42.70 to 43.70): VN052827.D (-2772) (-)

Ion 58.00 (57.70 to 58.70): VN052827.D (-2772) (-)

10.75

2000

1500

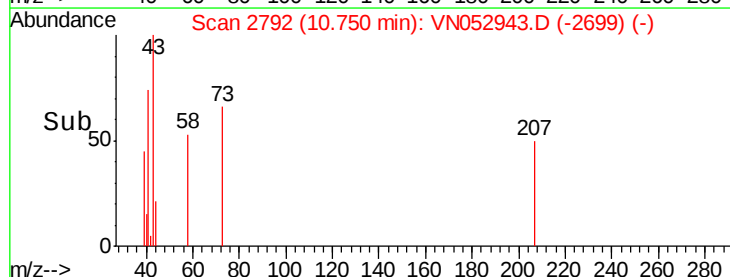
1000

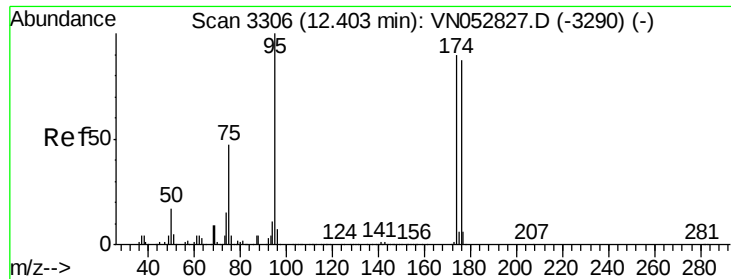
500

0

Time-->

10.70 10.75

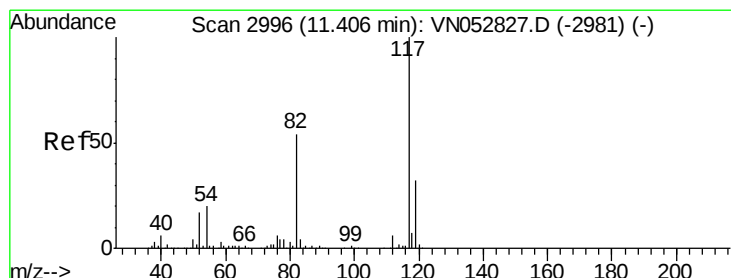
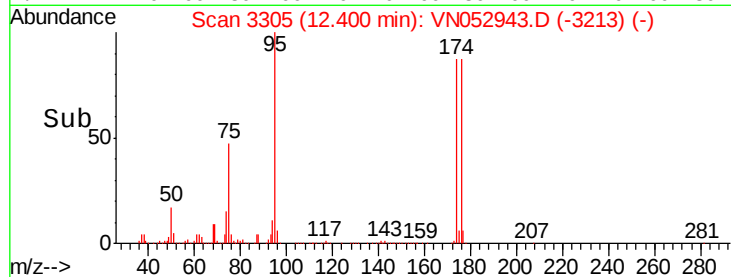
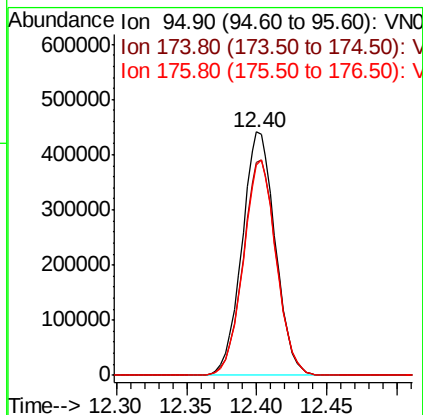
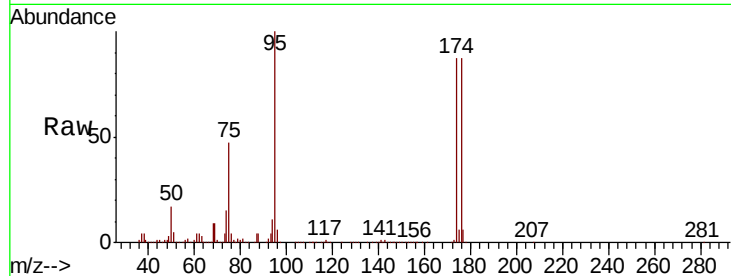




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN052943.D
Acq: 17 Dec 2018 23:11

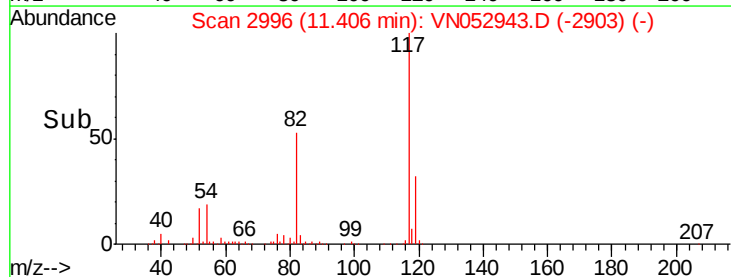
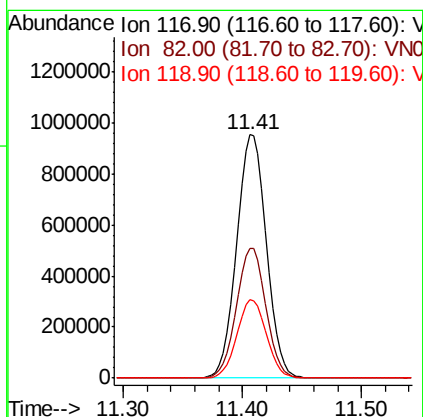
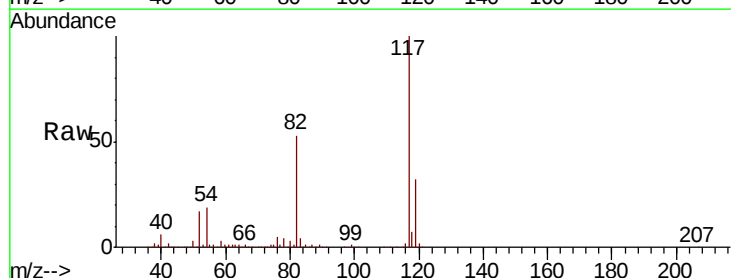
Instrument :
MSVOA_N
ClientSampleId :

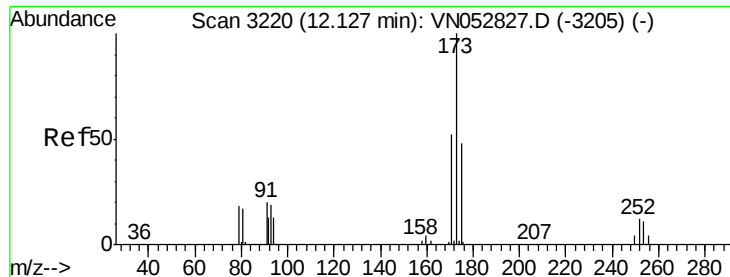
Tot Ion: 95 Resp: 727083
Ion Ratio Lower Upper
95 100
174 88.6 0.0 178.8
176 87.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052943.D
Acq: 17 Dec 2018 23:11

Tgt Ion: 117 Resp: 1649031
Ion Ratio Lower Upper
117 100
82 53.5 42.8 64.2
119 32.3 25.5 38.3

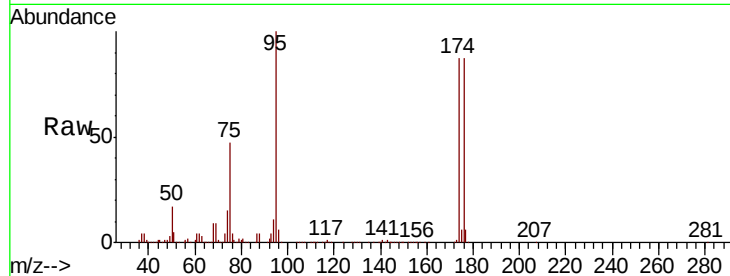




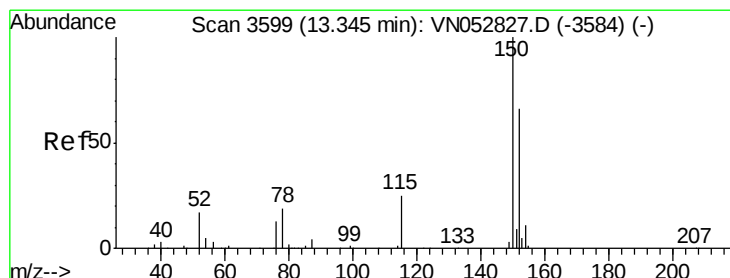
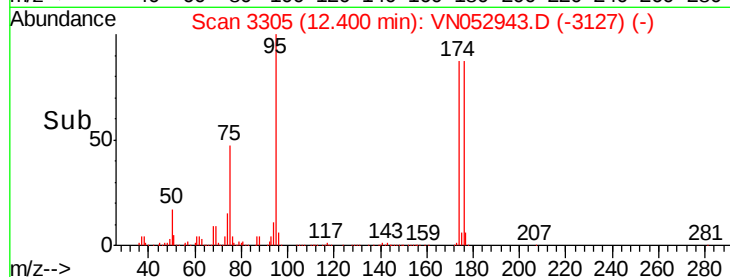
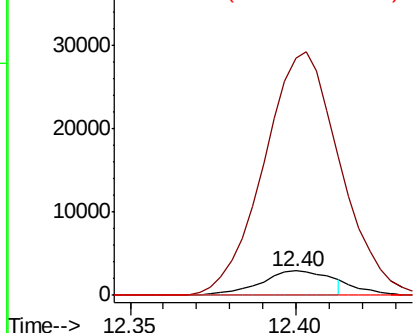
#71
Bromoform
Concen: 0.529 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN052943.D
Acq: 17 Dec 2018 23:11

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:173 Resp: 4279
Ion Ratio Lower Upper
173 100
175 953.0 24.3 72.9#
254 0.0 0.1 0.1#

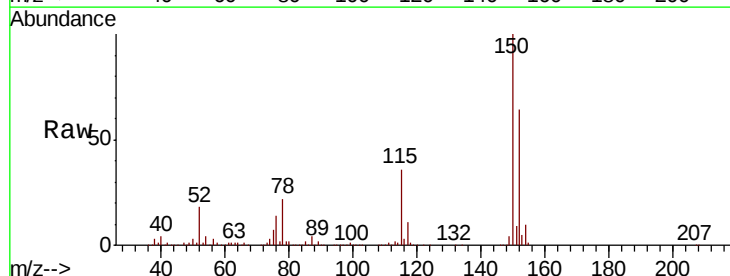


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

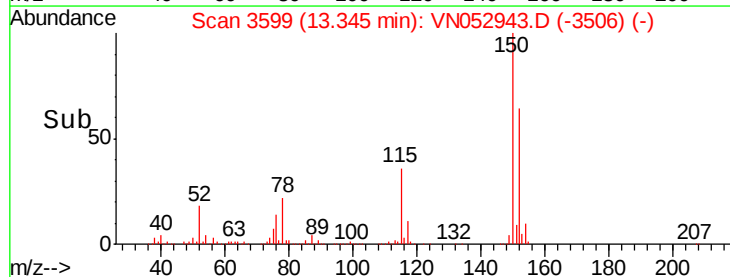
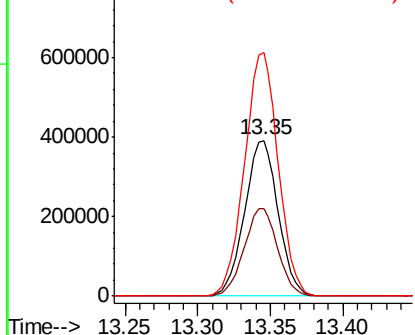


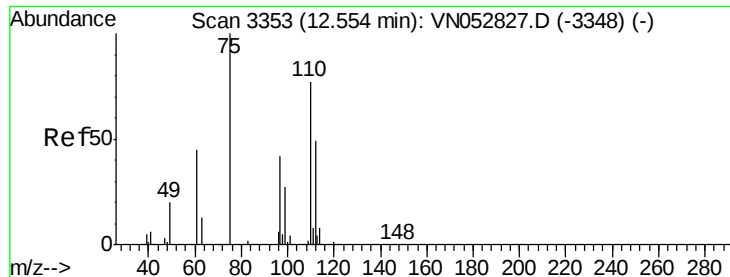
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN052943.D
Acq: 17 Dec 2018 23:11

Tgt Ion:152 Resp: 629721
Ion Ratio Lower Upper
152 100
115 56.2 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: 36.489 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN052943.D

Acq: 17 Dec 2018 23:11

Instrument :

MSVOA_N

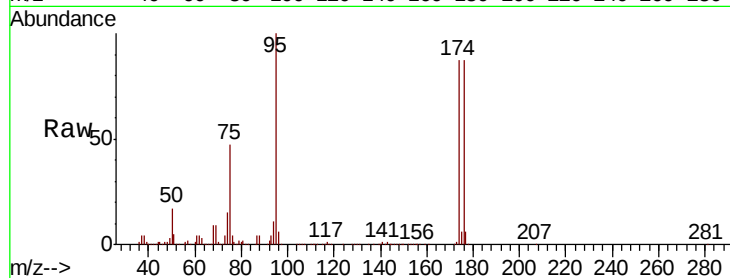
ClientSampleId :

Tot Ion: 75 Resp: 339012

Ion Ratio Lower Upper

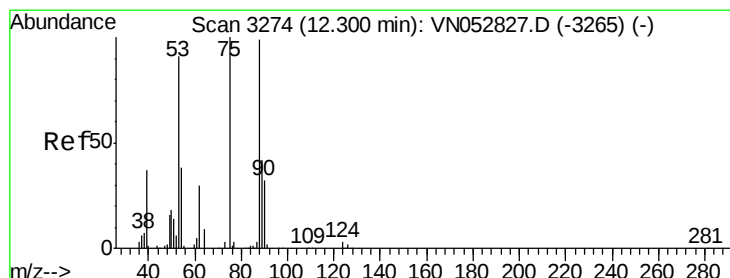
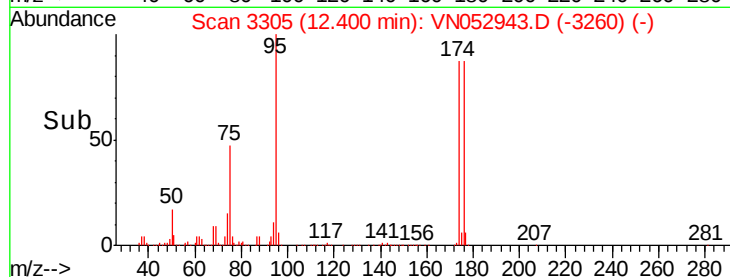
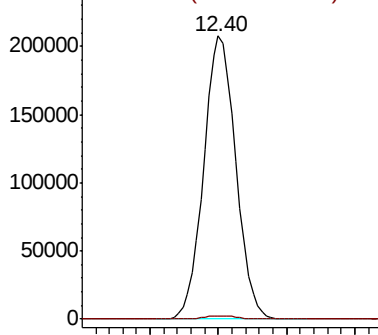
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#81

trans-1,4-Dichloro-2-butene

Concen: 117.220 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN052943.D

Acq: 17 Dec 2018 23:11

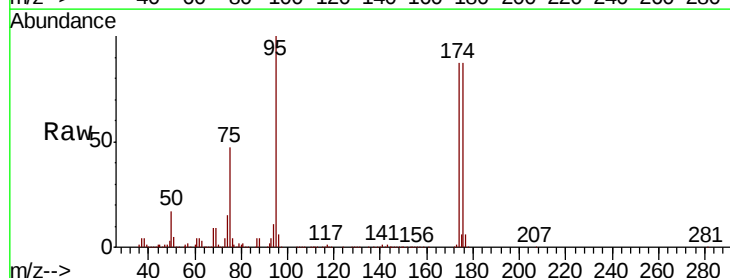
Tgt Ion: 75 Resp: 339012

Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

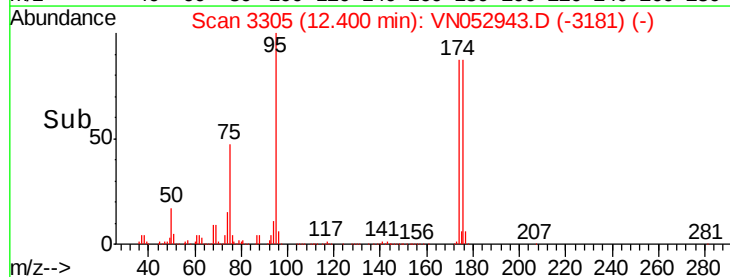
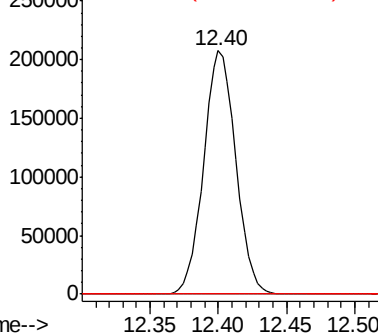
89 0.0 36.1 54.1#

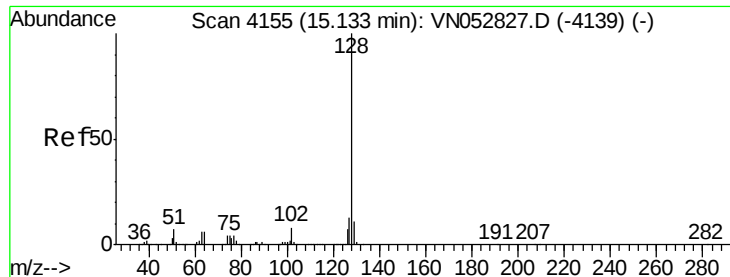


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

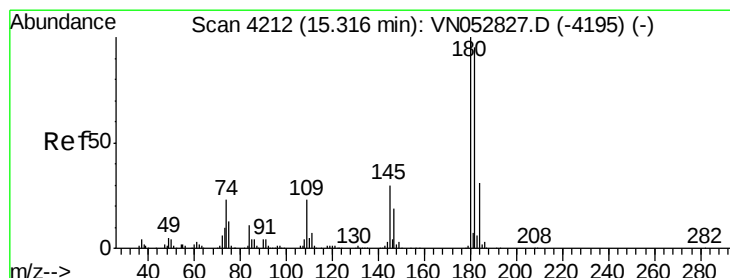
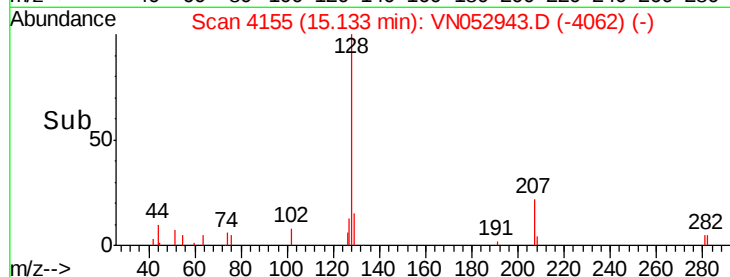
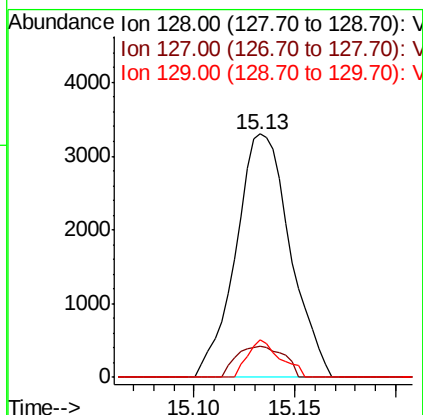
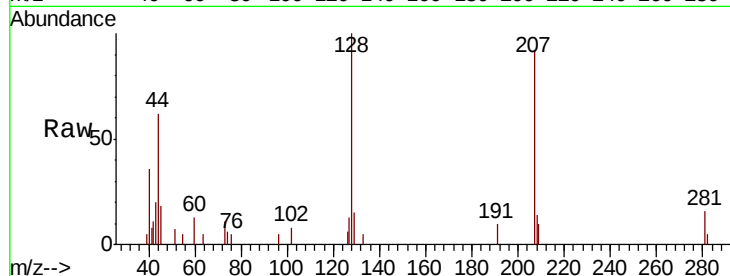




#95
Naphthalene
Concen: 0.269 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN052943.D
Acq: 17 Dec 2018 23:11

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:128 Resp: 6195
Ion Ratio Lower Upper
128 100
127 11.2 10.2 15.4
129 9.3 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 0.218 ug/l
RT: 15.32 min Scan# 4212
Delta R.T. -0.00 min
Lab File: VN052943.D
Acq: 17 Dec 2018 23:11

Tgt Ion:180 Resp: 2226
Ion Ratio Lower Upper
180 100
182 102.6 47.9 143.7
145 29.3 15.0 45.0

