

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122218\
 Data File : VN053170.D
 Acq On : 23 Dec 2018 8:46
 Operator : MD\SY
 Sample : J6473-01
 Misc : 7.13g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 50 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 S32-0636

Quant Time: Dec 23 23:16:05 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	7.66	168	1064752	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1651214	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1509422	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	610913	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	519891	48.11	ug/l	0.00
Spiked Amount			Recovery	=	96.22%	
35) Dibromofluoromethane	7.59	113	409810	54.33	ug/l	0.00
Spiked Amount			Recovery	=	108.66%	
50) Toluene-d8	10.09	98	2035206	50.26	ug/l	0.00
Spiked Amount			Recovery	=	100.52%	
62) 4-Bromofluorobenzene	12.40	95	669869	47.12	ug/l	0.00
Spiked Amount			Recovery	=	94.24%	

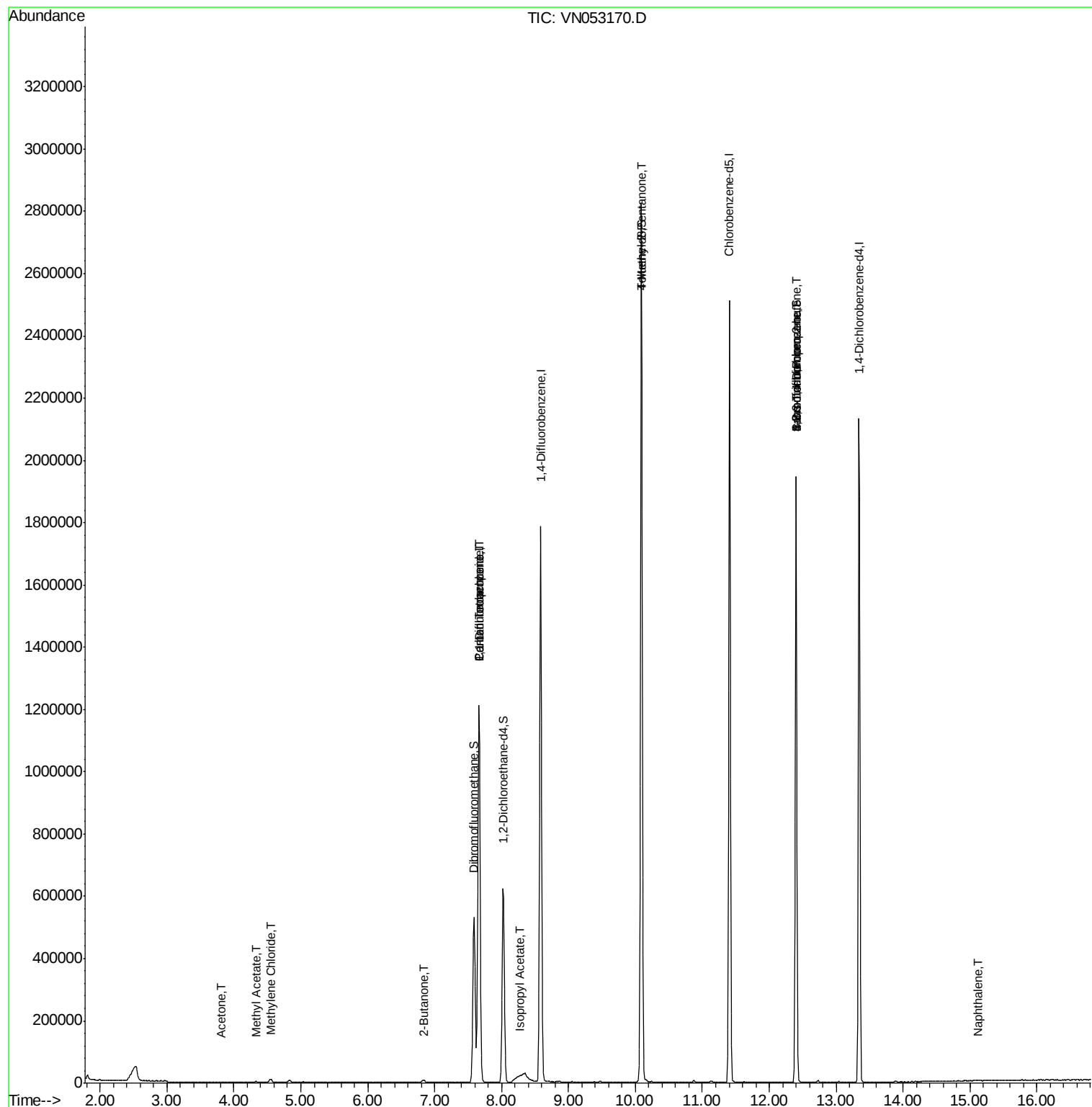
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.80	43	528	0.249	ug/l #	43
18) Methyl Acetate	4.33	43	5616	1.564	ug/l #	86
20) Methylene Chloride	4.55	84	8440	0.730	ug/l	96
25) 2-Butanone	6.85	43	4107	1.155	ug/l	98
31) Cyclohexane	7.66	56	17899	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	70813	4.468	ug/l #	49
38) Carbon Tetrachloride	7.66	117	92147	6.343	ug/l #	15
43) Isopropyl Acetate	8.26	43	33630	0.939	ug/l #	53
51) 4-Methyl-2-Pentanone	10.09	43	8173	0.954	ug/l #	1
71) Bromoform	12.40	173	3905	0.465	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	310731	30.215	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	310731	97.386	ug/l #	12
95) Naphthalene	15.12	128	340	1.160	ug/l #	69

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN122218\
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Sample : J6473-01
Misc : 7.13g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 50 Sample Multiplier: 28

Instrument :
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ClientSampleId :
S32-0636

Quant Time: Dec 23 23:16:05 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: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN053170.D

Acq: 23 Dec 2018 8:46

Instrument :

MSVOA_N

ClientSampled :

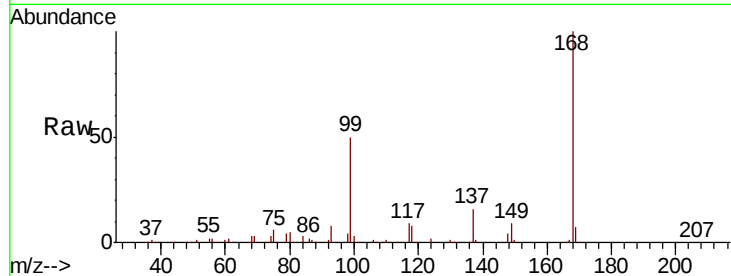
S32-0636

Tot Ion:168 Resp: 1064752

Ion Ratio Lower Upper

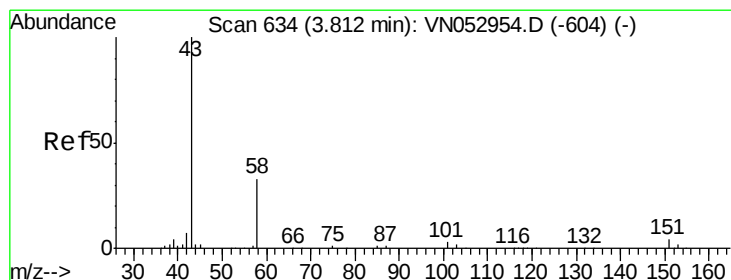
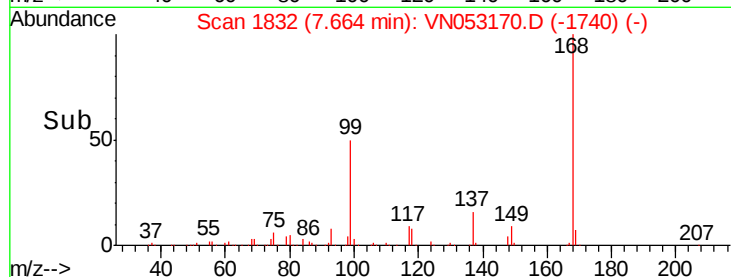
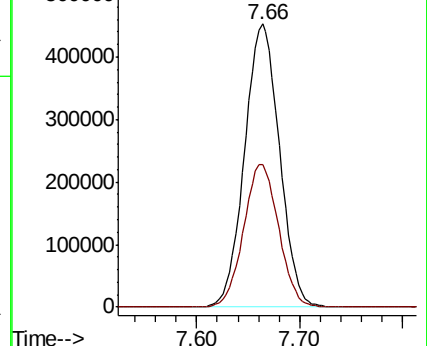
168 100

99 50.3 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 0.249 ug/l

RT: 3.80 min Scan# 631

Delta R.T. -0.01 min

Lab File: VN053170.D

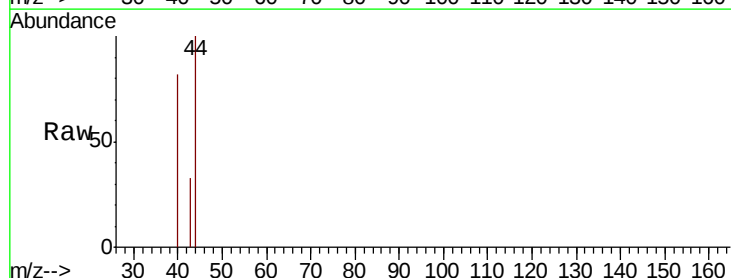
Acq: 23 Dec 2018 8:46

Tgt Ion: 43 Resp: 528

Ion Ratio Lower Upper

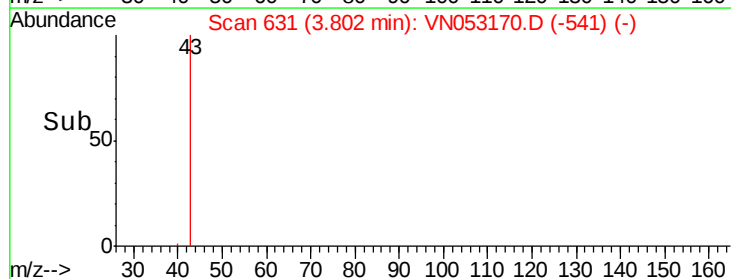
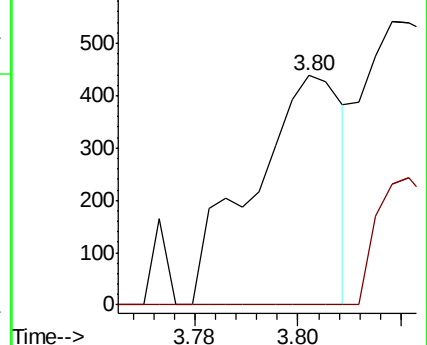
43 100

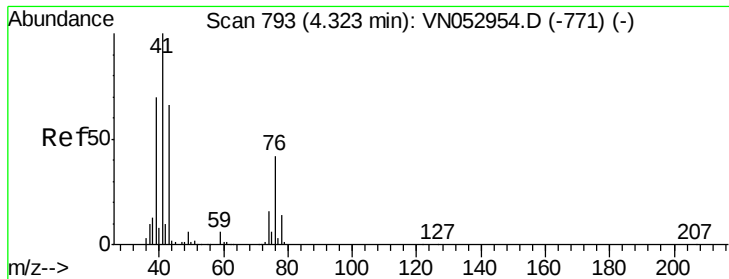
58 0.0 25.4 38.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

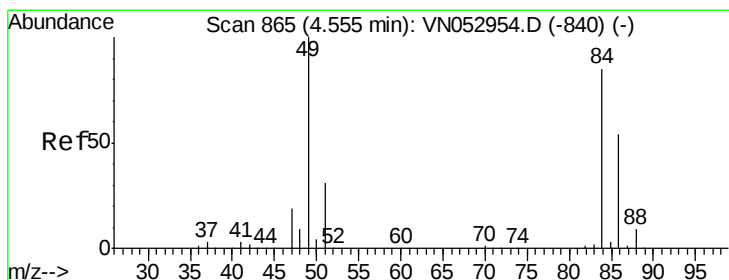
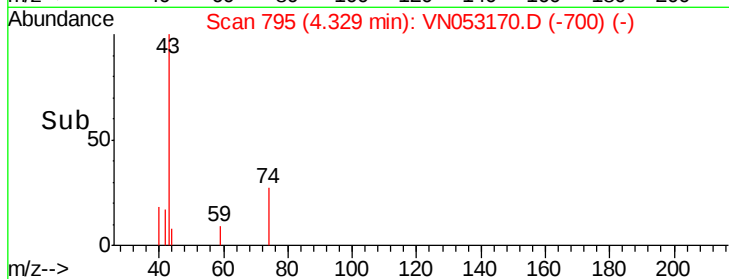
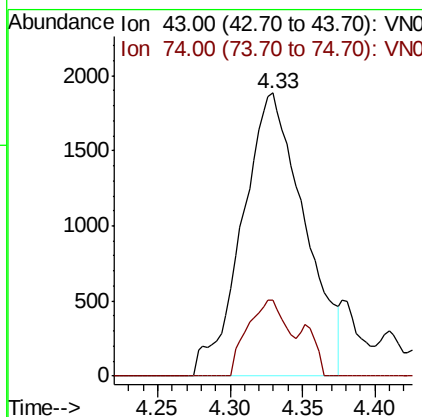
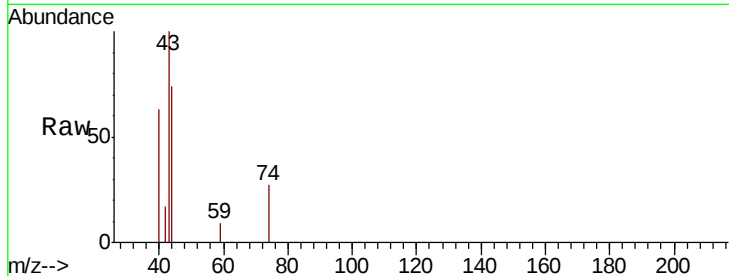




#18
Methyl Acetate
Concen: 1.564 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.01 min
Lab File: VN053170.D
Acq: 23 Dec 2018 8:46

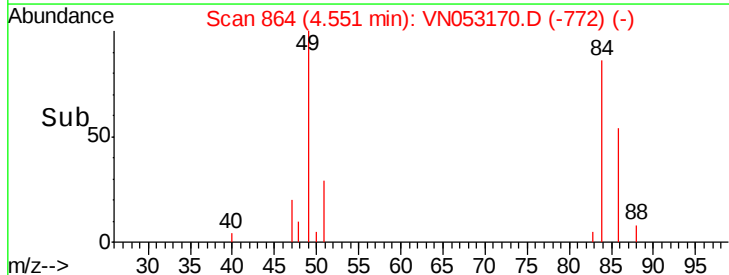
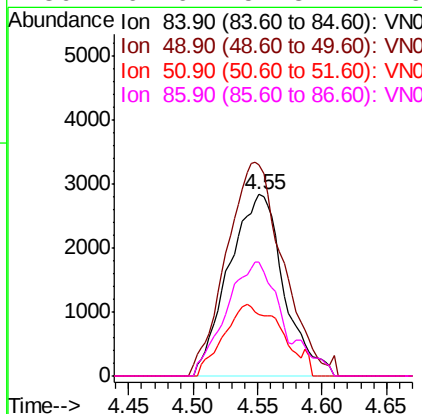
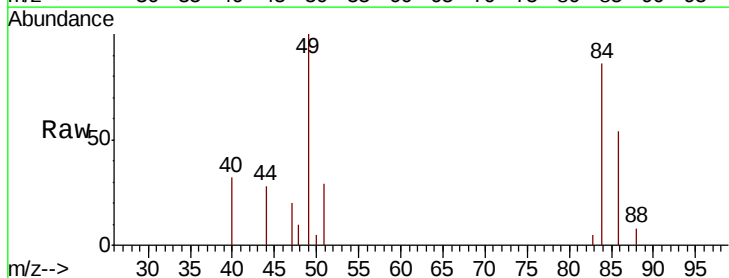
Instrument :
MSVOA_N
ClientSampleId :
S32-0636

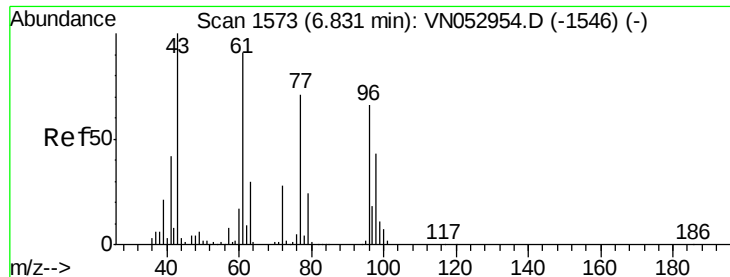
Tot Ion: 43 Resp: 5616
Ion Ratio Lower Upper
43 100
74 17.2 19.2 28.8#



#20
Methylene Chloride
Concen: 0.730 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN053170.D
Acq: 23 Dec 2018 8:46

Tgt Ion: 84 Resp: 8440
Ion Ratio Lower Upper
84 100
49 116.1 96.8 145.2
51 33.7 29.9 44.9
86 62.6 51.8 77.6

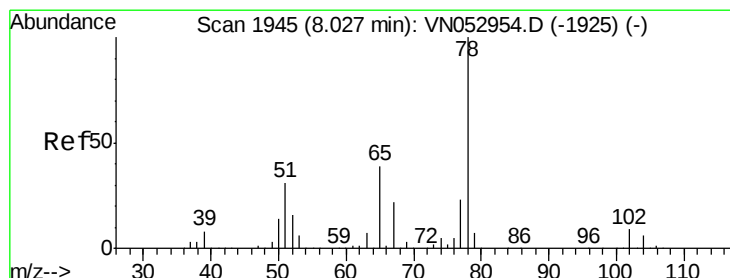
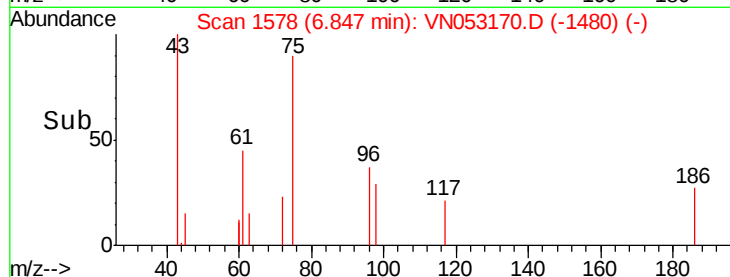
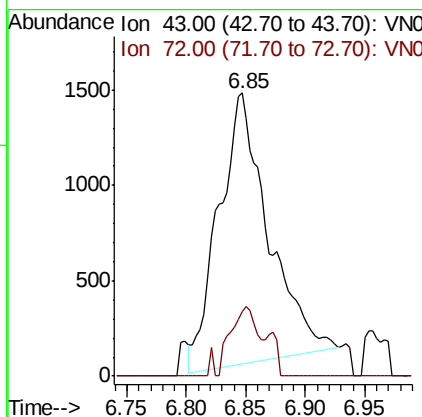
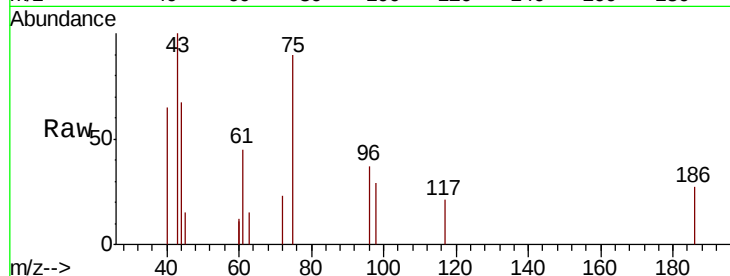




#25
2-Butanone
Concen: 1.155 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.02 min
Lab File: VN053170.D
Acq: 23 Dec 2018 8:46

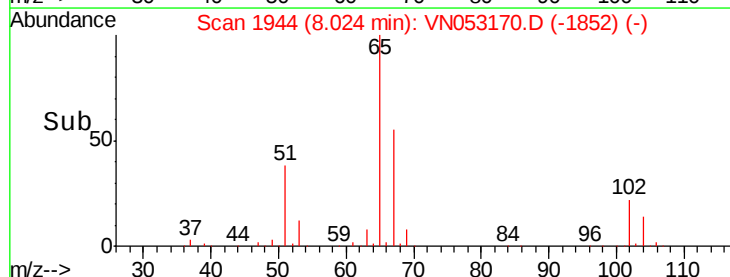
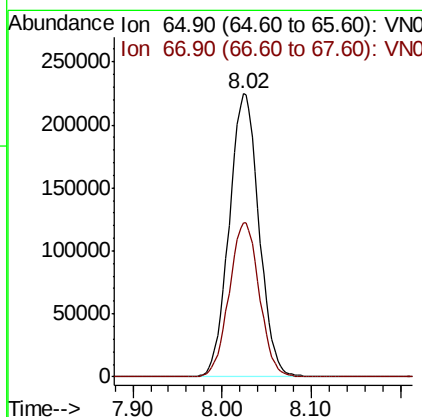
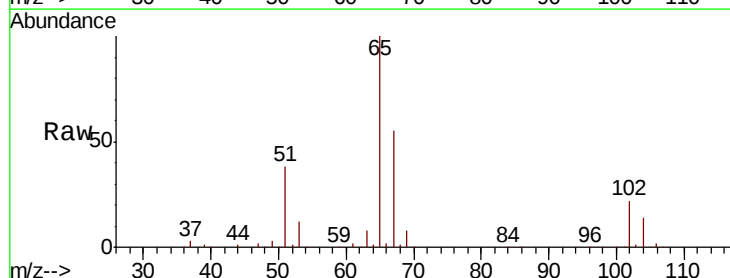
Instrument :
MSVOA_N
ClientSampleId :
S32-0636

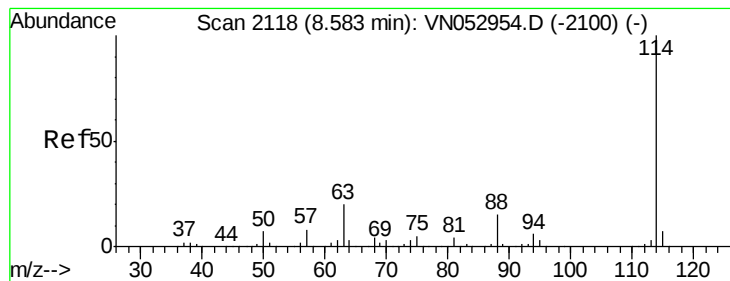
Tot Ion: 43 Resp: 4107
Ion Ratio Lower Upper
43 100
72 25.5 21.0 31.6



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.02 min Scan# 1944
Delta R.T. -0.00 min
Lab File: VN053170.D
Acq: 23 Dec 2018 8:46

Tgt Ion: 65 Resp: 519891
Ion Ratio Lower Upper
65 100
67 55.2 0.0 110.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN053170.D

Acq: 23 Dec 2018 8:46

Instrument :

MSVOA_N

ClientSampled :

S32-0636

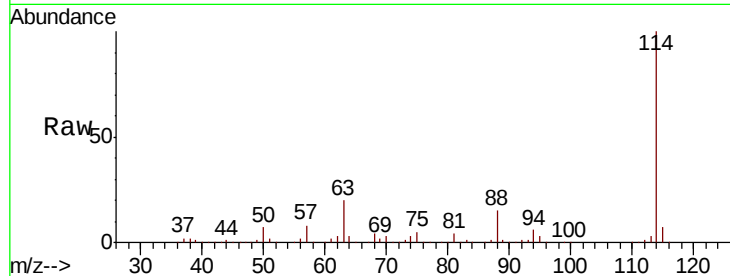
Tot Ion:114 Resp: 1651214

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.8

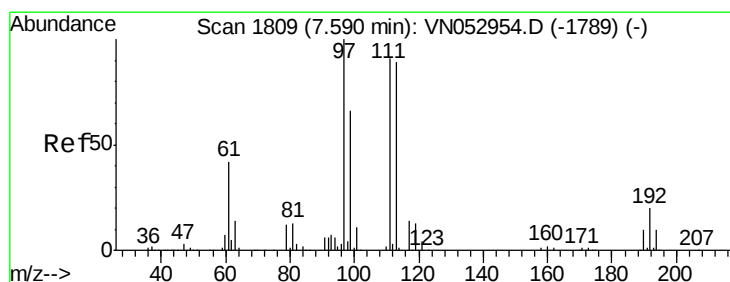
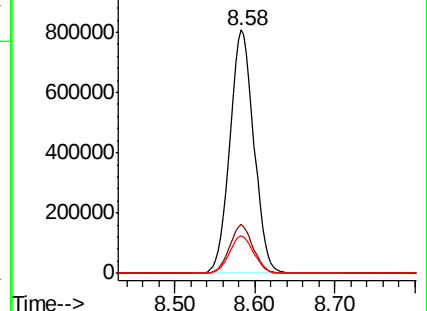
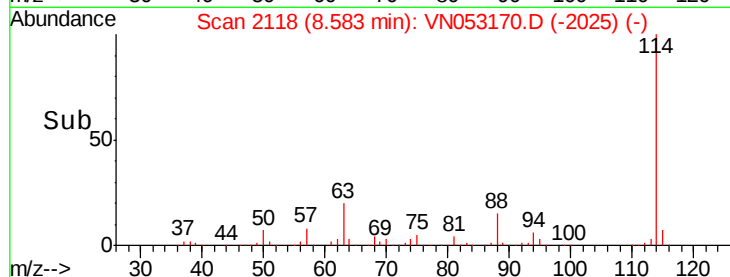
88 15.5 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN053170.D

Acq: 23 Dec 2018 8:46

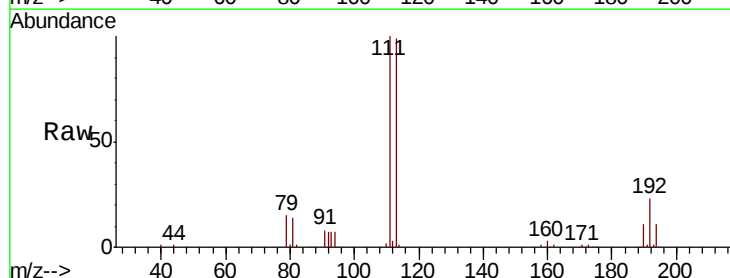
Tgt Ion:113 Resp: 409810

Ion Ratio Lower Upper

113 100

111 101.3 83.0 124.4

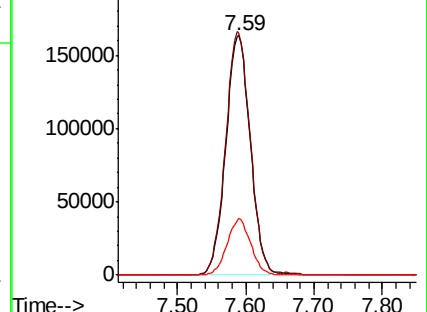
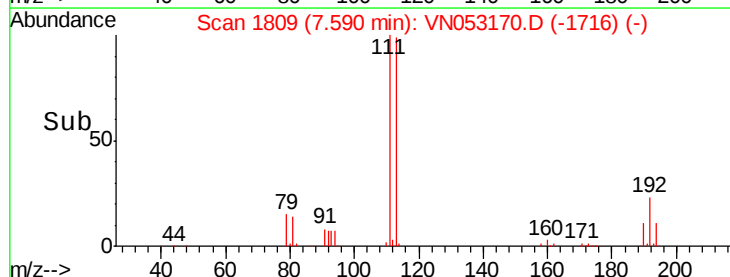
192 22.6 17.5 26.3

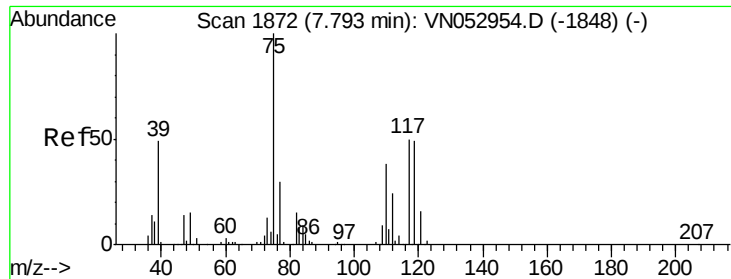


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

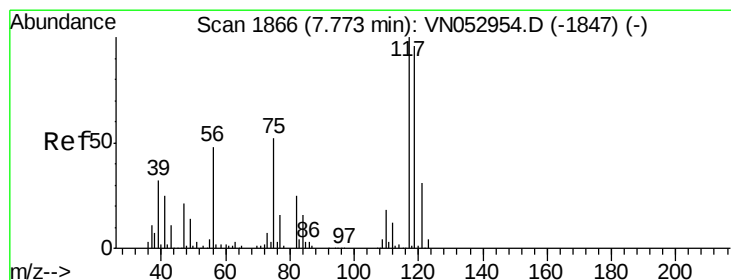
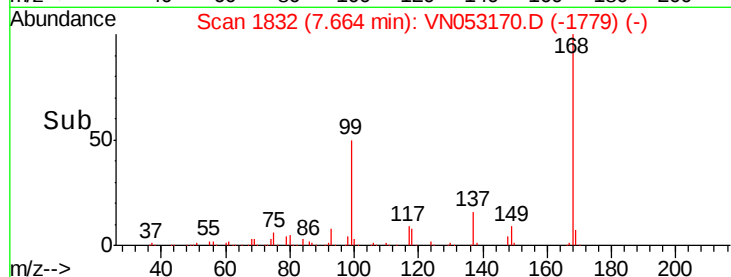
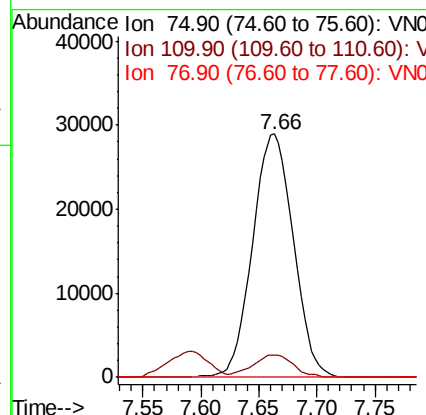
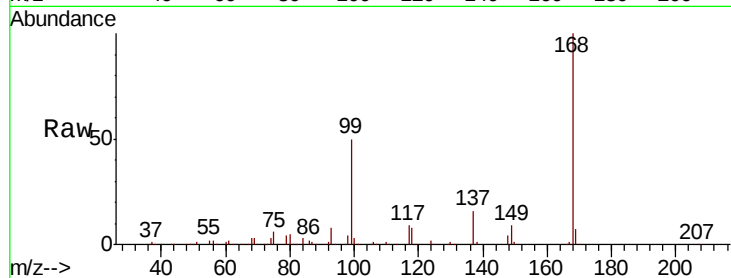




#36
 1,1-Dichloropropene
 Concen: 4.468 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN053170.D
 Acq: 23 Dec 2018 8:46

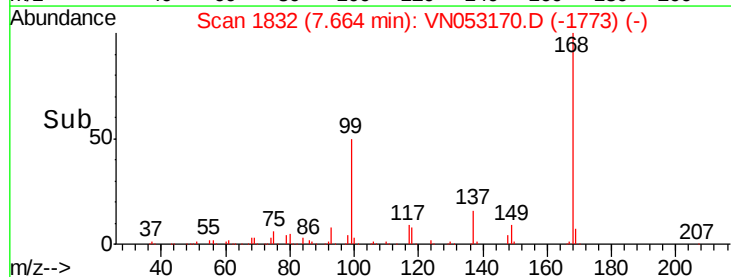
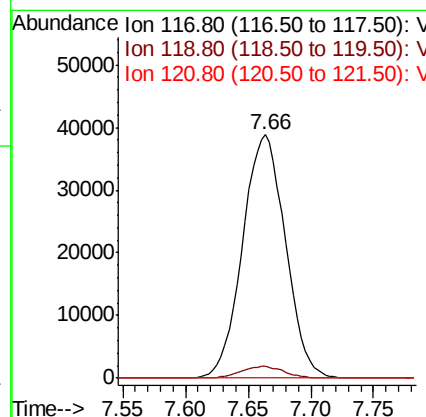
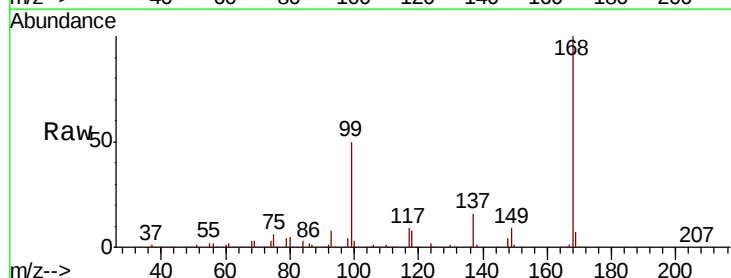
Instrument :
 MSVOA_N
 ClientSampled :
 S32-0636

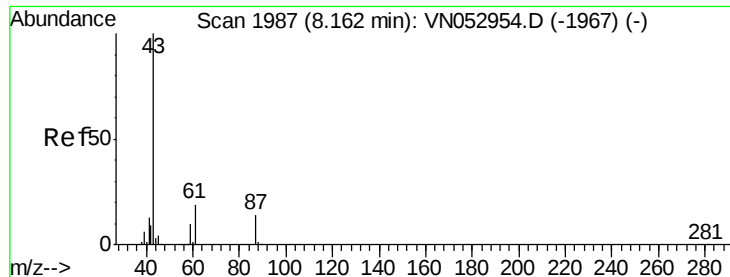
Tot Ion	75	Resp	70813
Ion Ratio	100	Lower	Upper
75	100		
110	9.3	18.2	54.6#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.343 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN053170.D
 Acq: 23 Dec 2018 8:46

Tgt Ion	117	Resp	92147
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
117	100		
119	4.7	77.1	115.7#
121	0.0	24.9	37.3#





#43

Isopropyl Acetate

Concen: 0.939 ug/l

RT: 8.26 min Scan# 2018

Delta R.T. 0.10 min

Lab File: VN053170.D

Acq: 23 Dec 2018 8:46

Instrument :

MSVOA_N

ClientSampleId :

S32-0636

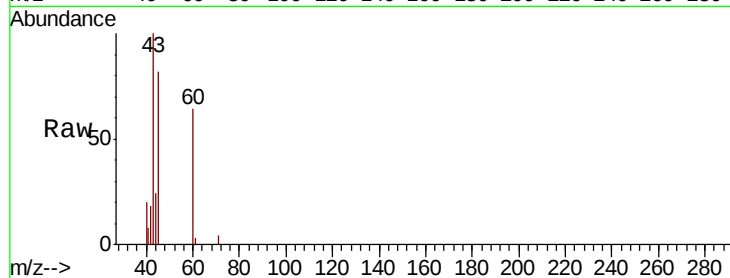
Tot Ion: 43 Resp: 33630

Ion Ratio Lower Upper

43 100

61 0.0 22.9 34.3#

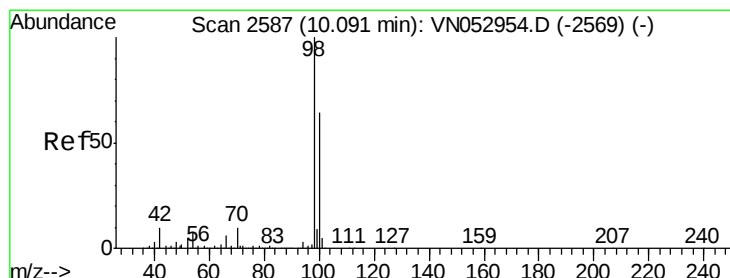
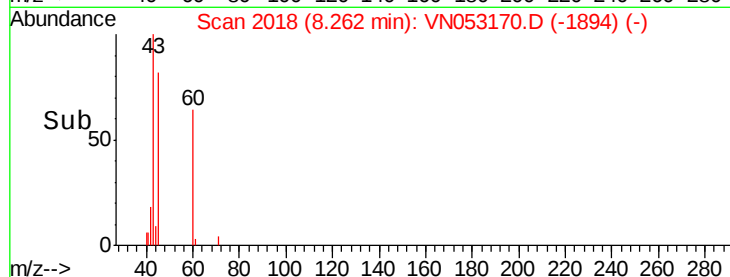
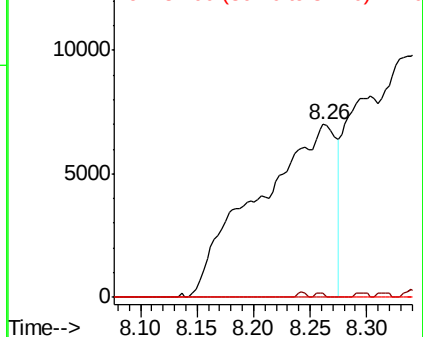
87 0.0 10.6 15.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN053170.D

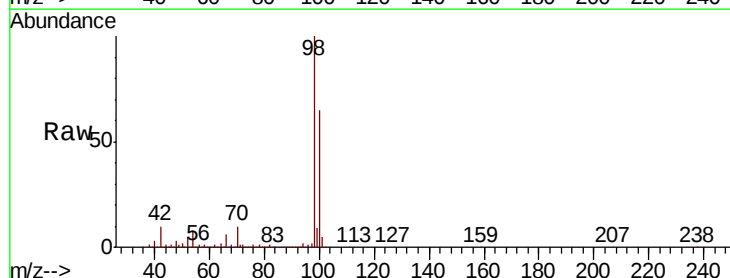
Acq: 23 Dec 2018 8:46

Tgt Ion: 98 Resp: 2035206

Ion Ratio Lower Upper

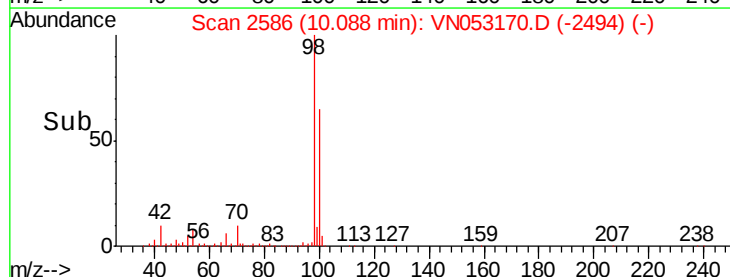
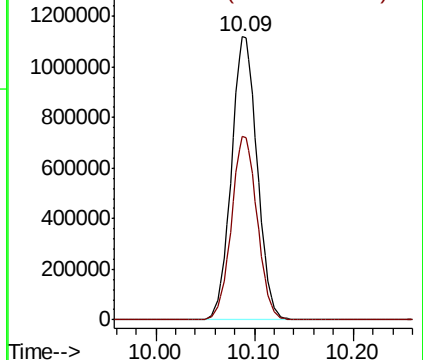
98 100

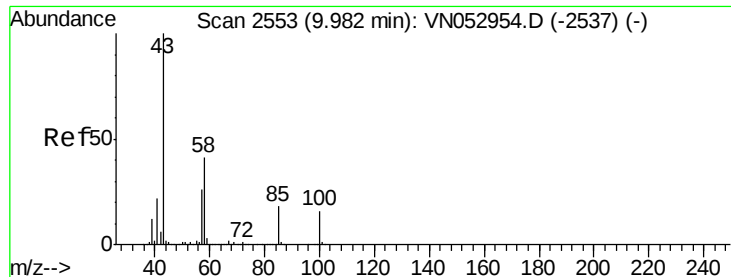
100 64.7 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 0.954 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.11 min

Lab File: VN053170.D

Acq: 23 Dec 2018 8:46

Instrument :

MSVOA_N

ClientSampled :

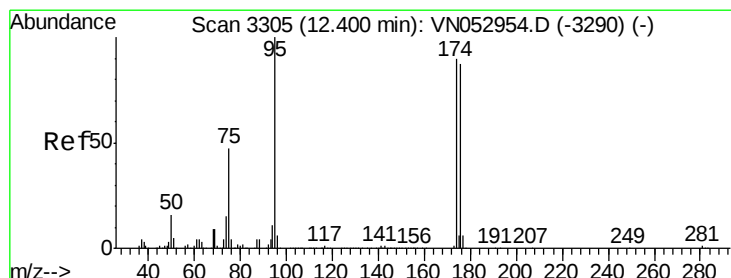
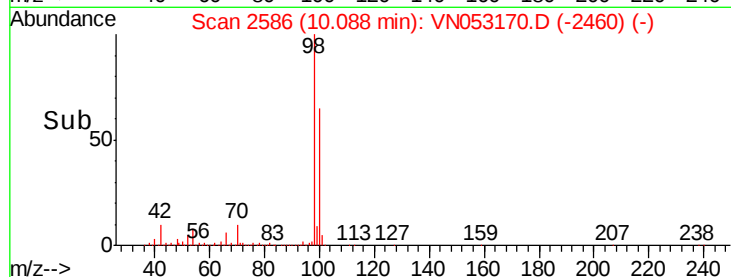
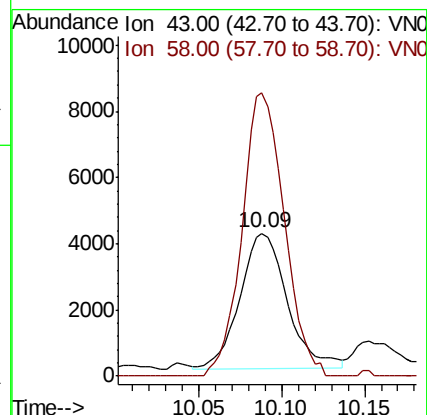
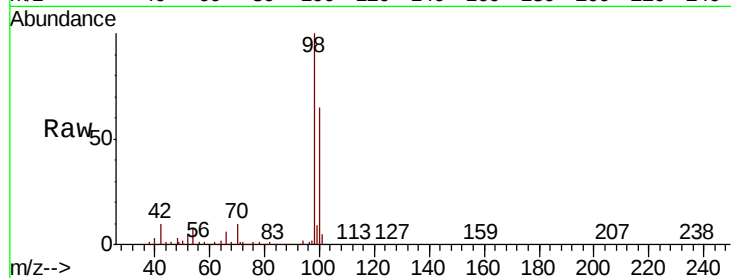
S32-0636

Tot Ion: 43 Resp: 8173

Ion Ratio Lower Upper

43 100

58 185.7 32.2 48.4#



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053170.D

Acq: 23 Dec 2018 8:46

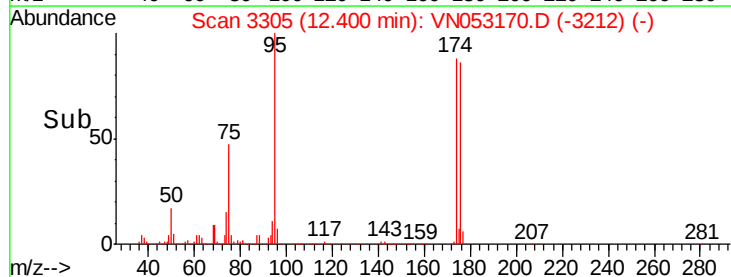
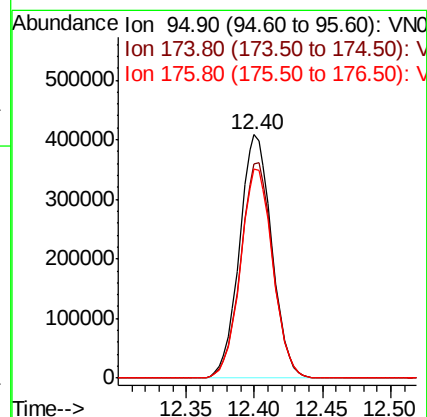
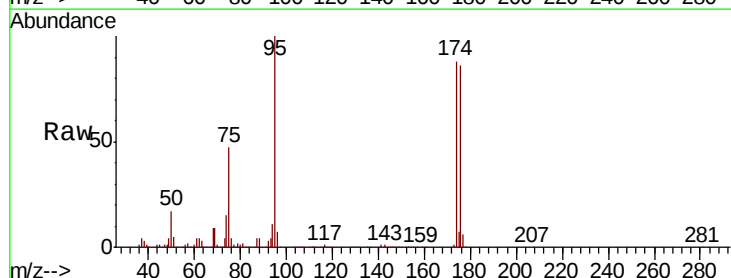
Tgt Ion: 95 Resp: 669869

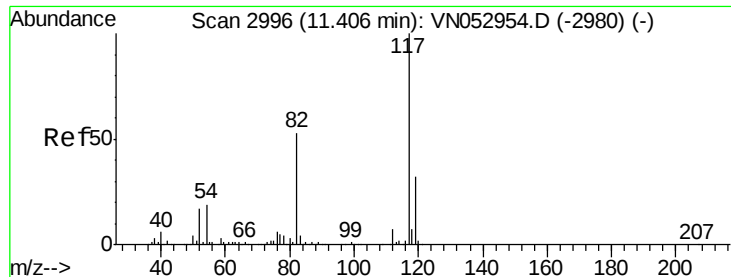
Ion Ratio Lower Upper

95 100

174 88.5 0.0 178.8

176 86.2 0.0 173.8

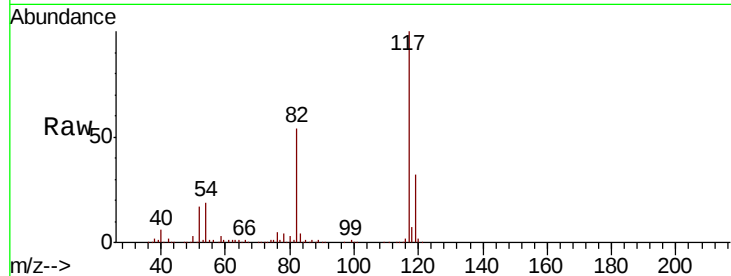




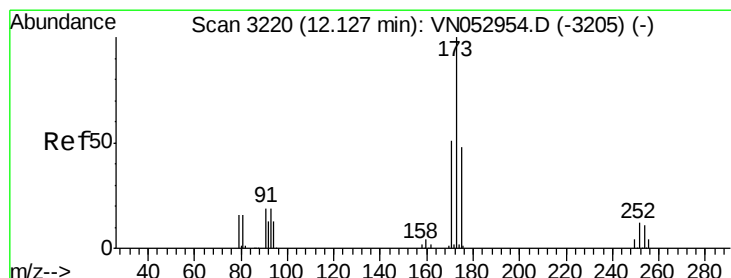
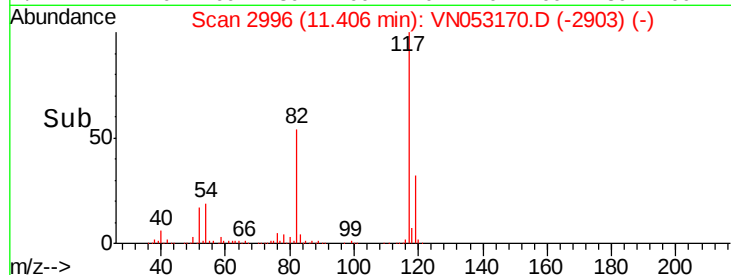
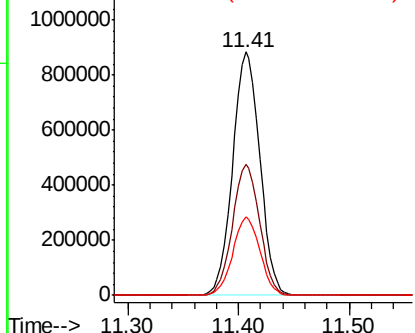
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053170.D
Acq: 23 Dec 2018 8:46

Instrument :
MSVOA_N
ClientSampleId :
S32-0636

Tot Ion:117 Resp: 1509422
Ion Ratio Lower Upper
117 100
82 53.9 42.8 64.2
119 32.0 25.5 38.3

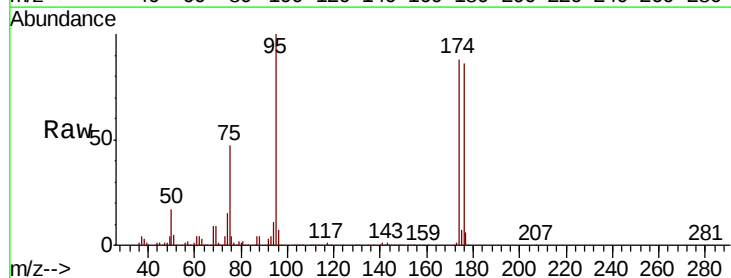


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

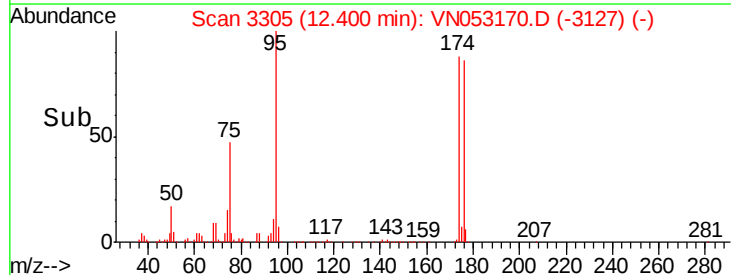
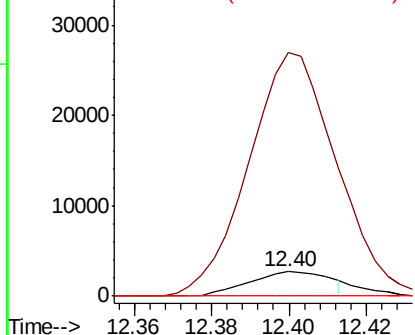


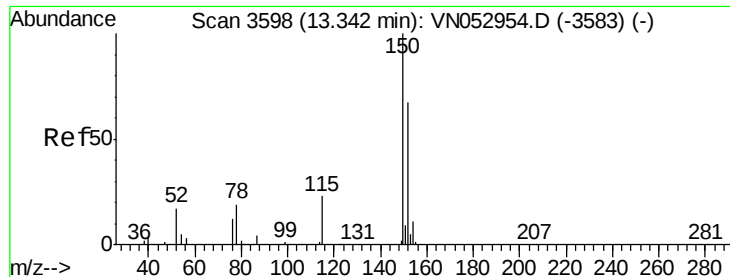
#71
Bromoform
Concen: 0.465 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN053170.D
Acq: 23 Dec 2018 8:46

Tgt Ion:173 Resp: 3905
Ion Ratio Lower Upper
173 100
175 966.9 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: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN053170.D

Acq: 23 Dec 2018 8:46

Instrument :

MSVOA_N

ClientSampleId :

S32-0636

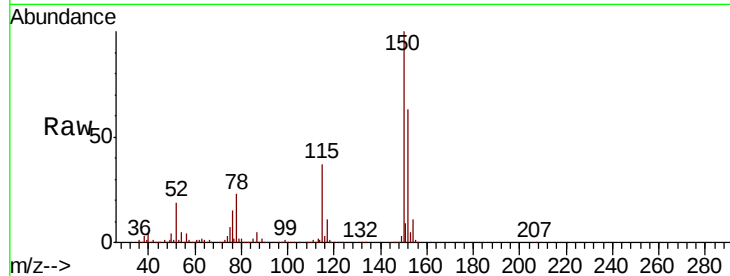
Tot Ion:152 Resp: 610913

Ion Ratio Lower Upper

152 100

115 56.5 28.3 85.0

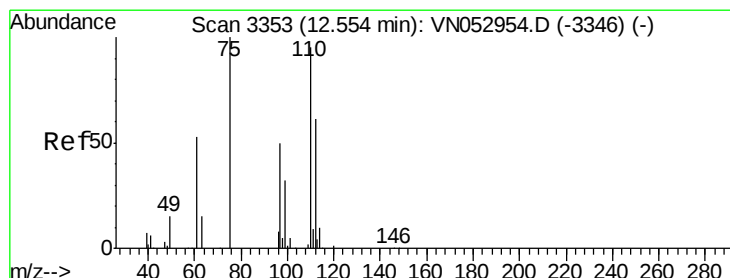
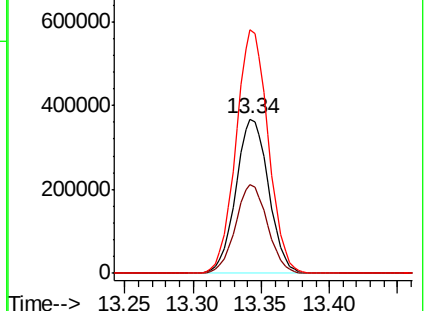
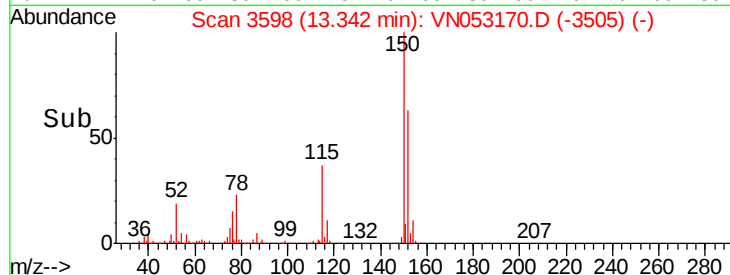
150 155.6 0.0 347.8



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: 30.215 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053170.D

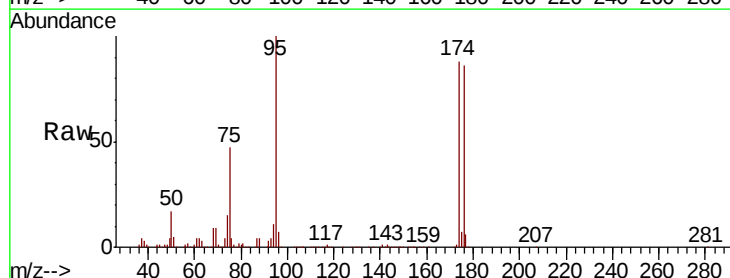
Acq: 23 Dec 2018 8:46

Tgt Ion: 75 Resp: 310731

Ion Ratio Lower Upper

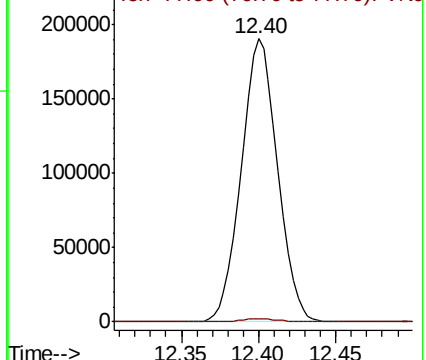
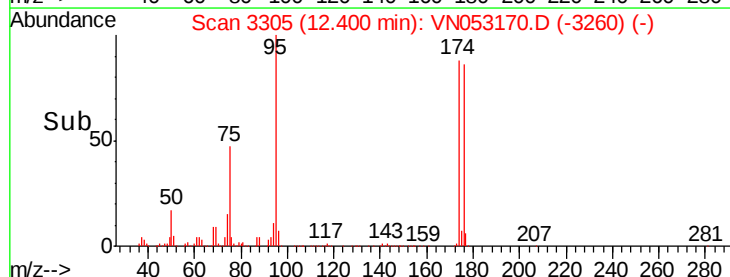
75 100

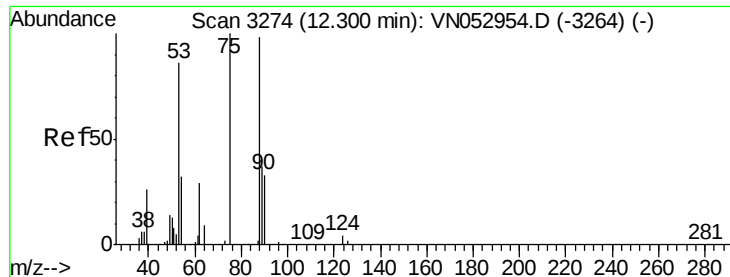
77 1.1 0.0 0.0#



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: 97.386 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053170.D

Acq: 23 Dec 2018 8:46

Instrument :

MSVOA_N

ClientSampleId :

S32-0636

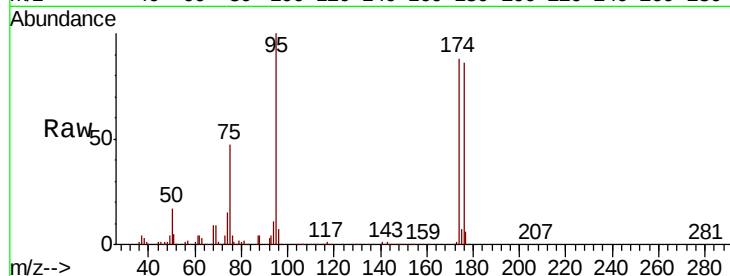
Tot Ion: 75 Resp: 310731

Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

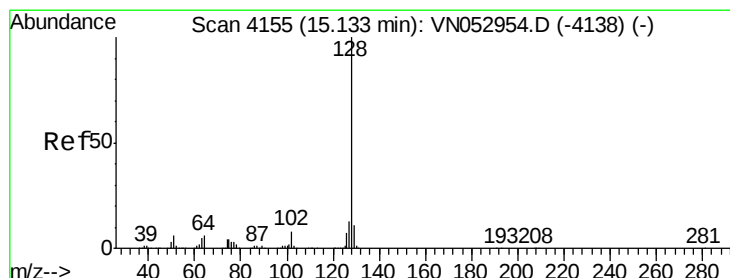
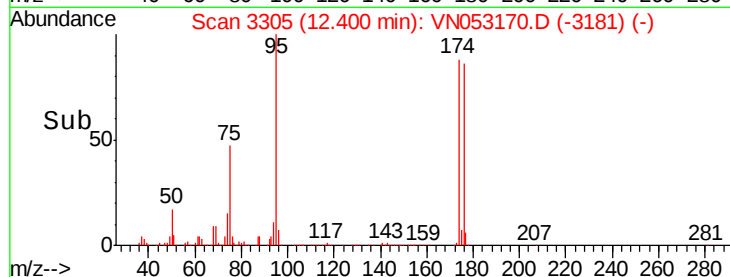
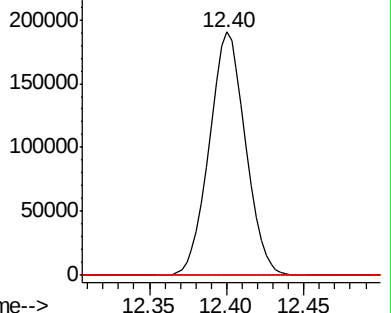
89 0.0 36.1 54.1#



Abundance Ion 74.90 (74.60 to 75.60): VN053170.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN053170.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN053170.D (-3181) (-)



#95

Naphthalene

Concen: 1.160 ug/l

RT: 15.12 min Scan# 4152

Delta R.T. -0.01 min

Lab File: VN053170.D

Acq: 23 Dec 2018 8:46

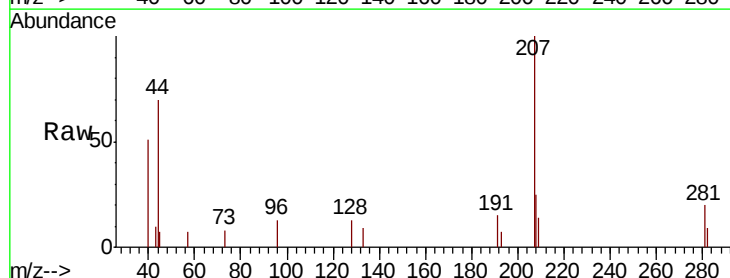
Tgt Ion: 128 Resp: 340

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.4#

129 0.0 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): VN053170.D (-4062) (-)

Ion 127.00 (126.70 to 127.70): VN053170.D (-4062) (-)

Ion 129.00 (128.70 to 129.70): VN053170.D (-4062) (-)

