

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091218\
 Data File : VW005340.D
 Acq On : 12 Sep 2018 21:30
 Operator : SY/AP
 Sample : J4873-03
 Misc : 5.05G/5ML/MSVOA_W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 NF-CON-2

Quant Time: Sep 13 01:01:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 03:48:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	378556	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	573885	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	580958	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	301941	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	138316	48.99	ug/l	0.00
Spiked Amount			Recovery	=	97.98%	
35) Dibromofluoromethane	7.89	113	1429	0.48	ug/l	0.00
Spiked Amount			Recovery	=	0.96%	
50) Toluene-d8	10.33	98	566851	37.32	ug/l	0.00
Spiked Amount			Recovery	=	74.64%	
62) 4-Bromofluorobenzene	12.62	95	206050	37.08	ug/l	0.00
Spiked Amount			Recovery	=	74.16%	

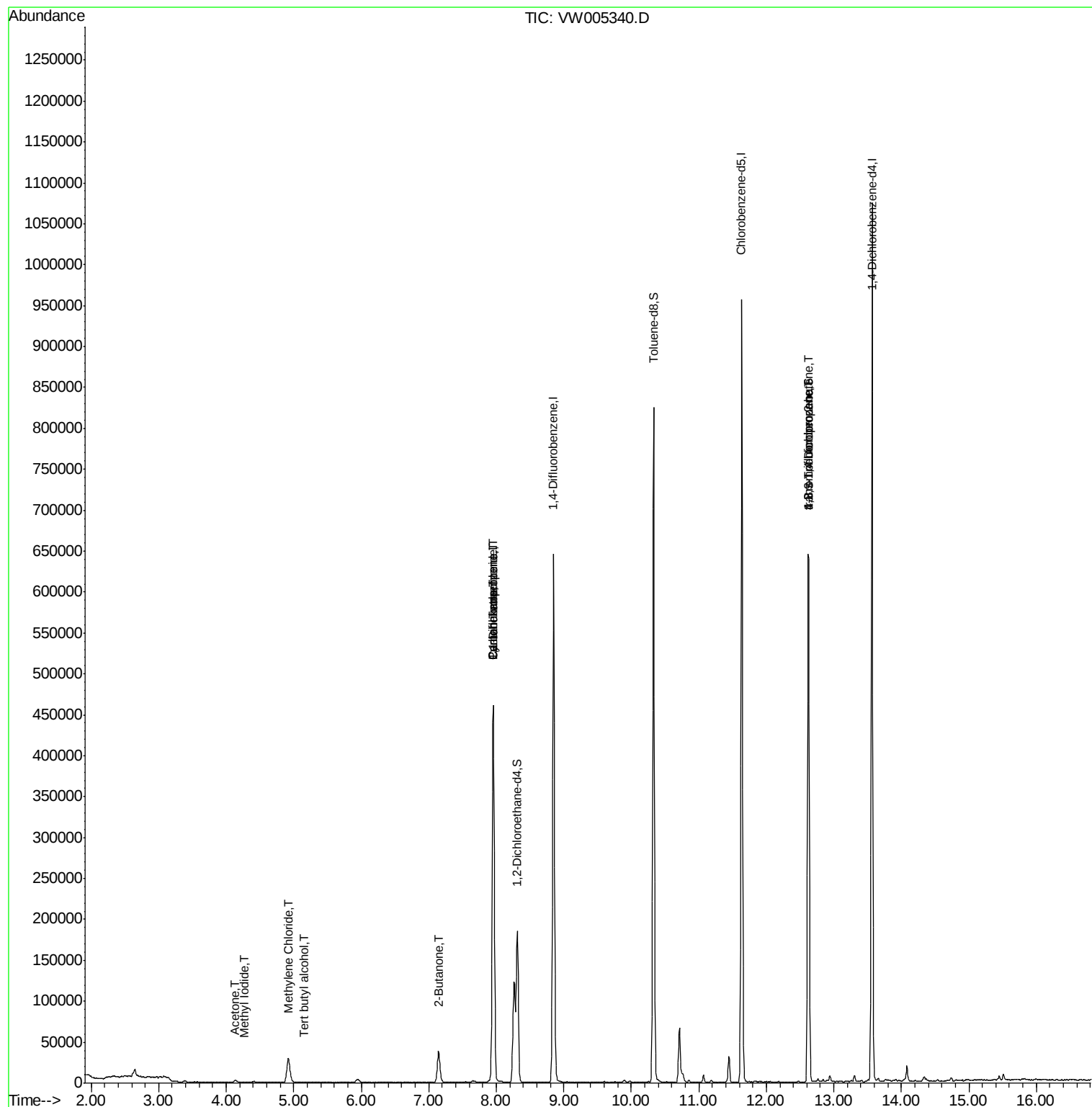
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.77	94	376	Below Cal		88
10) Methyl Iodide	4.28	142	64	3.341	ug/l #	45
11) Tert butyl alcohol	5.15	59	686	2.963	ug/l #	73
16) Acetone	4.14	43	4856	9.266	ug/l	97
20) Methylene Chloride	4.92	84	26183	3.671	ug/l	94
25) 2-Butanone	7.14	43	1722	2.083	ug/l #	64
31) Cyclohexane	7.96	56	6145	1.017	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	24697	4.697	ug/l #	48
38) Carbon Tetrachloride	7.96	117	32335	6.565	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	93723	40.356	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	93723	94.645	ug/l #	16

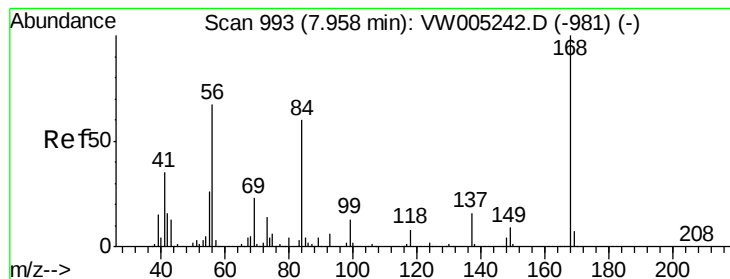
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
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QLast Update : Tue Sep 11 03:48:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005340.D

Acq: 12 Sep 2018 21:30

Instrument :

MSVOA_W

ClientSampleId :

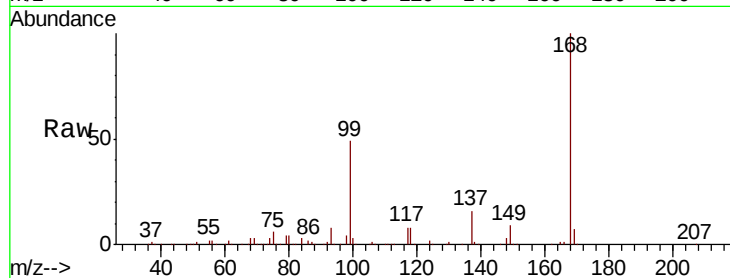
NF-CON-2

Tgt Ion:168 Resp: 378556

Ion Ratio Lower Upper

168 100

99 48.7 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

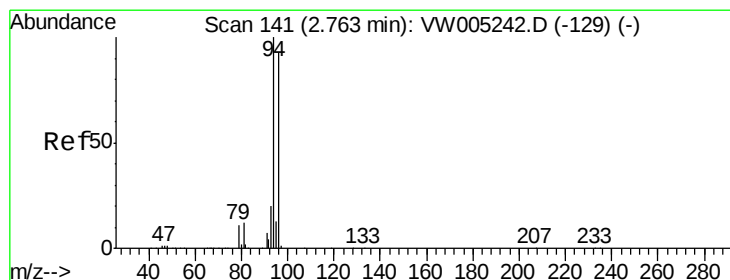
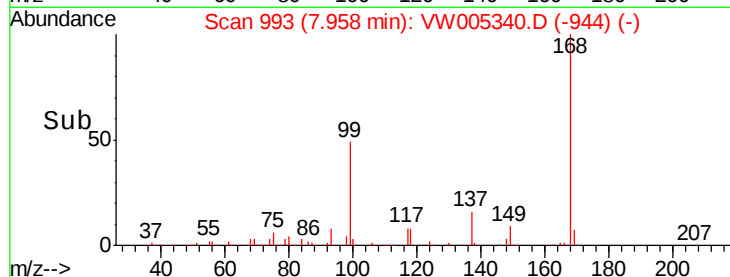
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.77 min Scan# 142

Delta R.T. 0.01 min

Lab File: VW005340.D

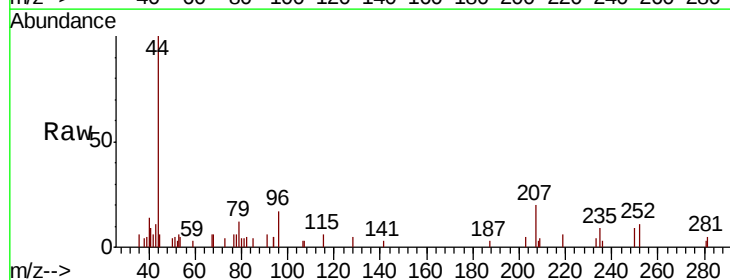
Acq: 12 Sep 2018 21:30

Tgt Ion: 94 Resp: 376

Ion Ratio Lower Upper

94 100

96 104.3 74.1 111.1



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.77

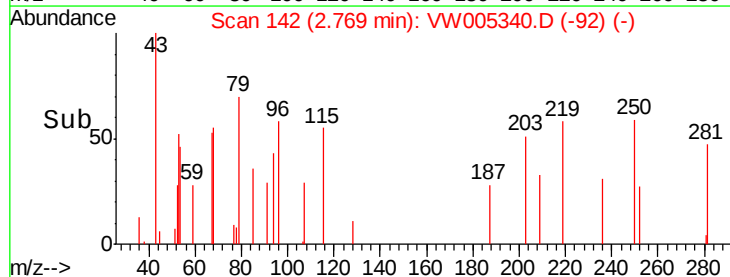
300

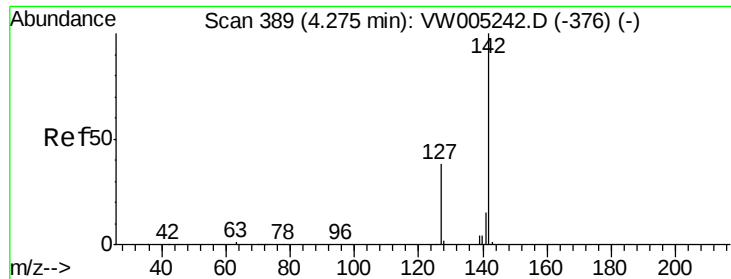
200

100

0

Time-->

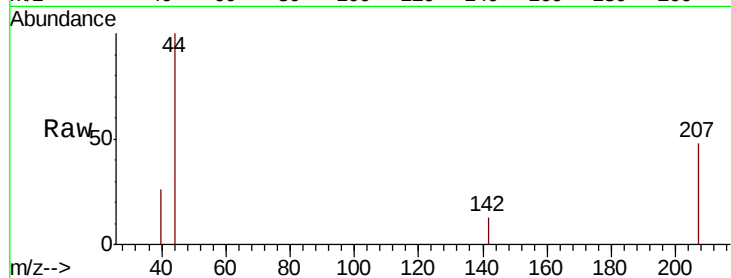




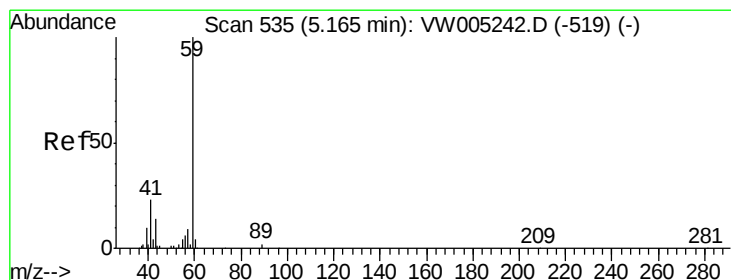
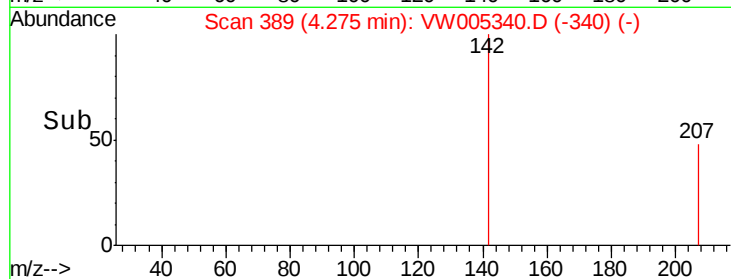
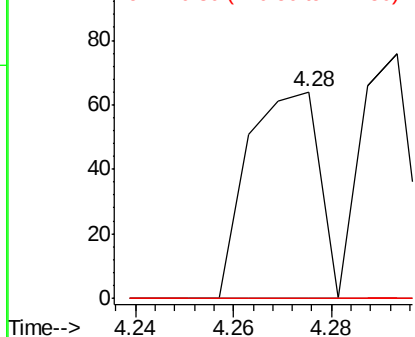
#10
Methyl Iodide
Concen: 3.341 ug/l
RT: 4.28 min Scan# 389
Delta R.T. 0.00 min
Lab File: VW005340.D
Acq: 12 Sep 2018 21:30

Instrument :
MSVOA_W
ClientSampleId :
NF-CON-2

Tgt Ion: 142 Resp: 64
Ion Ratio Lower Upper
142 100
127 0.0 30.3 45.5#
141 0.0 11.4 17.0#

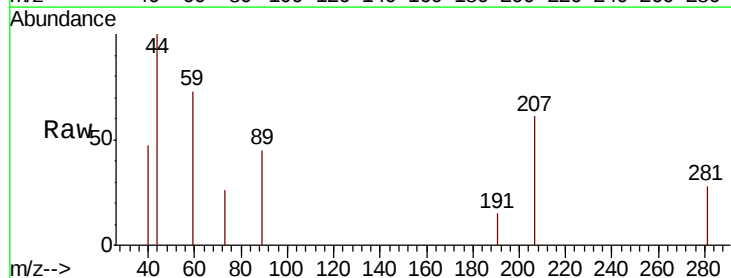


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

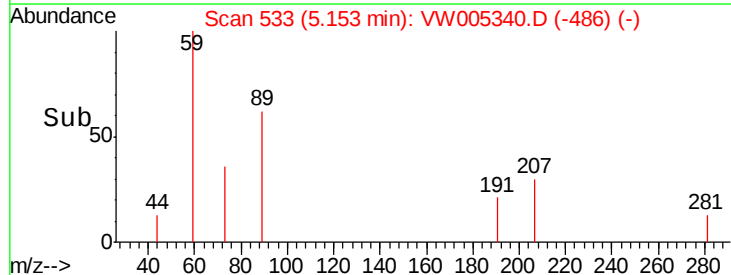
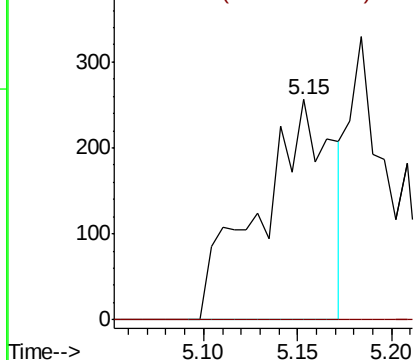


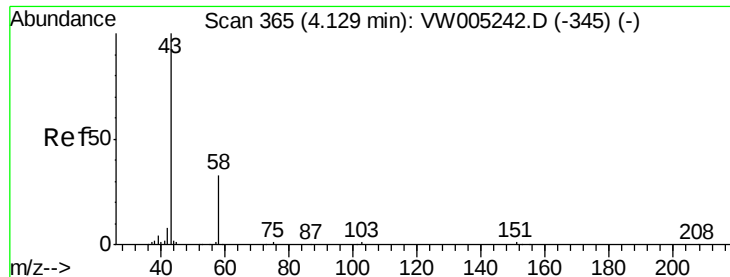
#11
Tert butyl alcohol
Concen: 2.963 ug/l
RT: 5.15 min Scan# 533
Delta R.T. -0.01 min
Lab File: VW005340.D
Acq: 12 Sep 2018 21:30

Tgt Ion: 59 Resp: 686
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): VW
Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 9.266 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW005340.D

Acq: 12 Sep 2018 21:30

Instrument :

MSVOA_W

ClientSampleId :

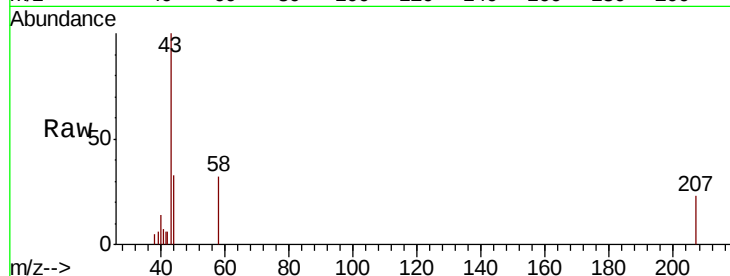
NF-CON-2

Tgt Ion: 43 Resp: 4856

Ion Ratio Lower Upper

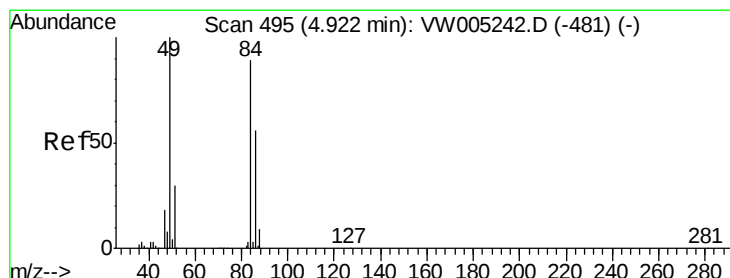
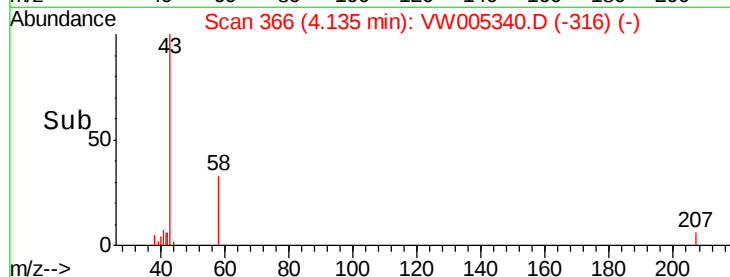
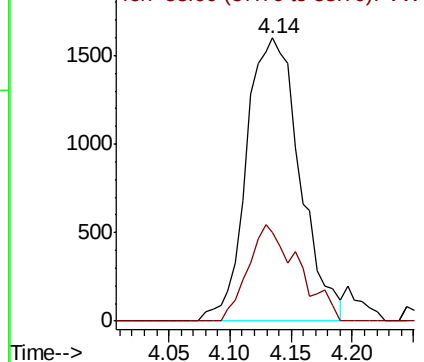
43 100

58 31.5 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: 3.671 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW005340.D

Acq: 12 Sep 2018 21:30

Tgt Ion: 84 Resp: 26183

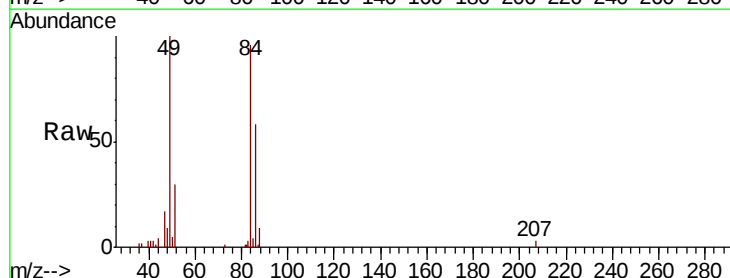
Ion Ratio Lower Upper

84 100

49 104.2 90.3 135.5

51 30.9 26.9 40.3

86 60.3 50.8 76.2

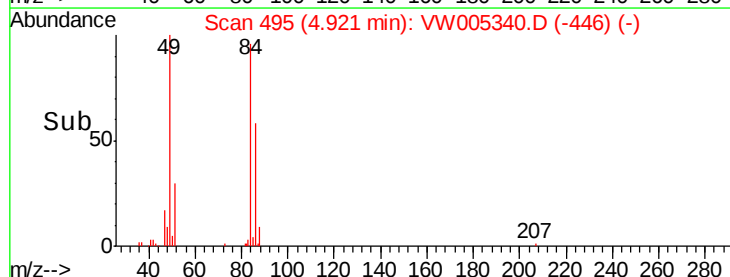
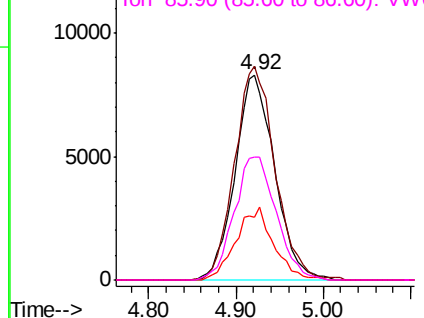


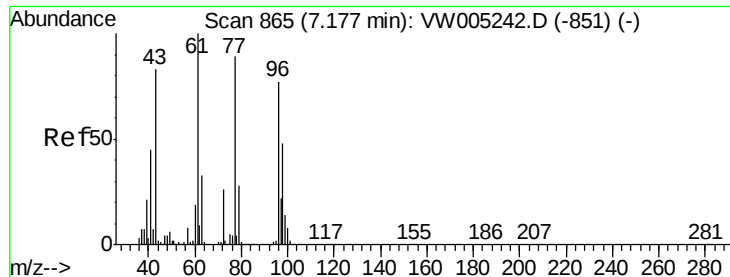
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW





#25

2-Butanone

Concen: 2.083 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.04 min

Lab File: VW005340.D

Acq: 12 Sep 2018 21:30

Instrument :

MSVOA_W

ClientSampleId :

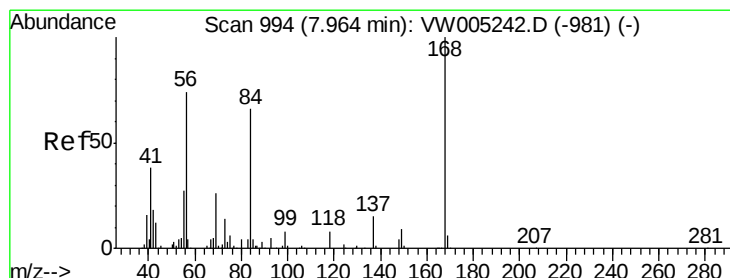
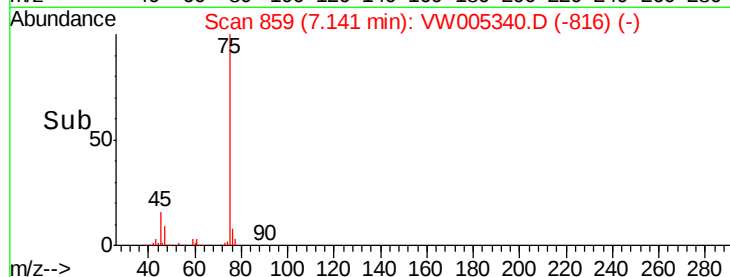
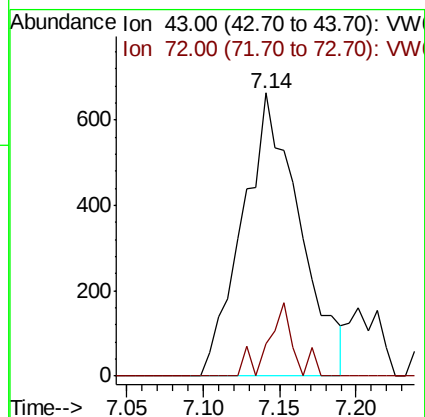
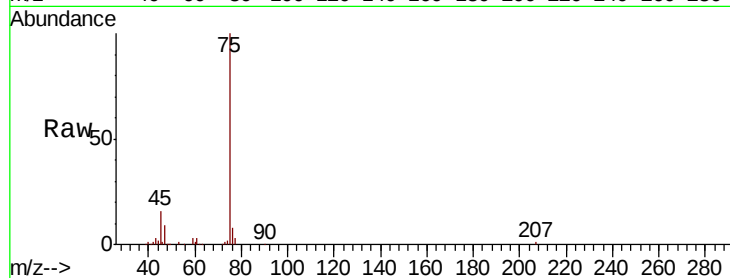
NF-CON-2

Tgt Ion: 43 Resp: 1722

Ion Ratio Lower Upper

43 100

72 11.3 25.0 37.6#



#31

Cyclohexane

Concen: 1.017 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.01 min

Lab File: VW005340.D

Acq: 12 Sep 2018 21:30

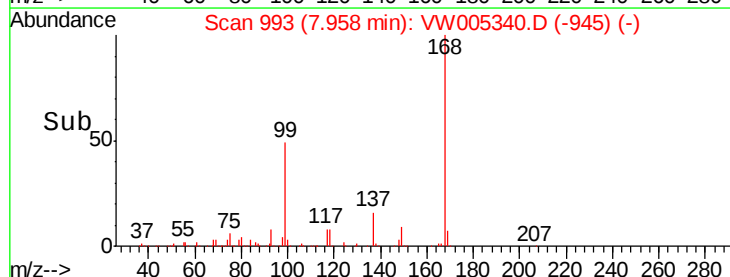
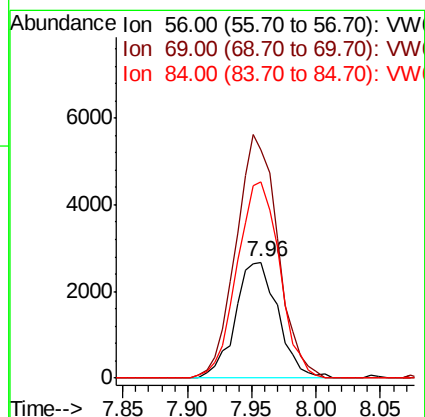
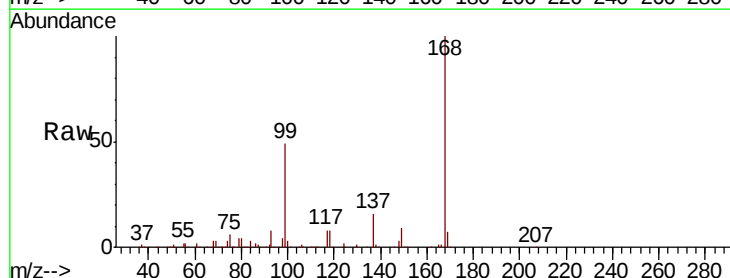
Tgt Ion: 56 Resp: 6145

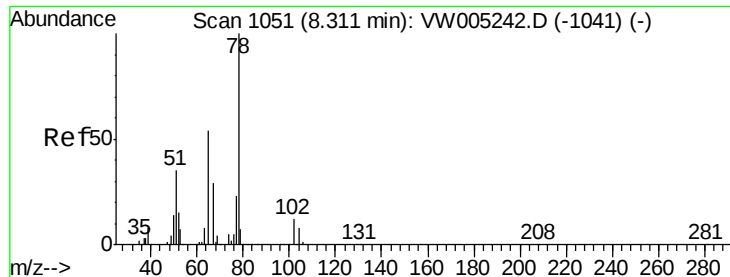
Ion Ratio Lower Upper

56 100

69 196.4 27.8 41.8#

84 169.0 72.1 108.1#

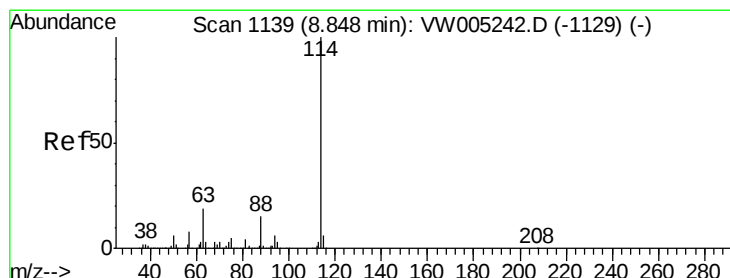
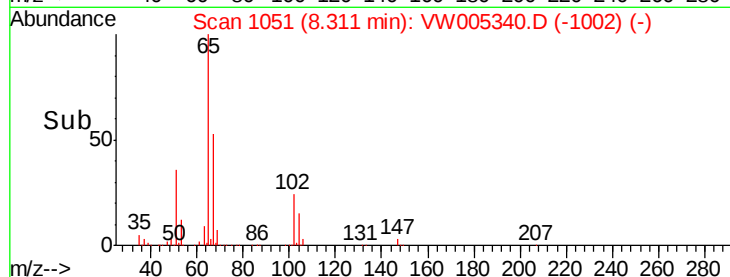
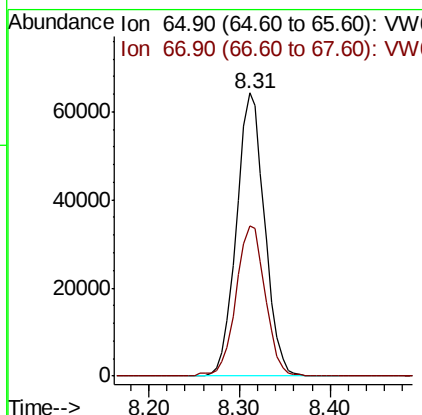
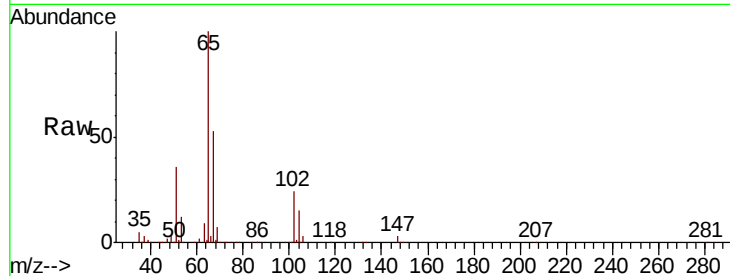




#33
 1,2-Dichloroethane-d4
 Concen: 48.987 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005340.D
 Acq: 12 Sep 2018 21:30

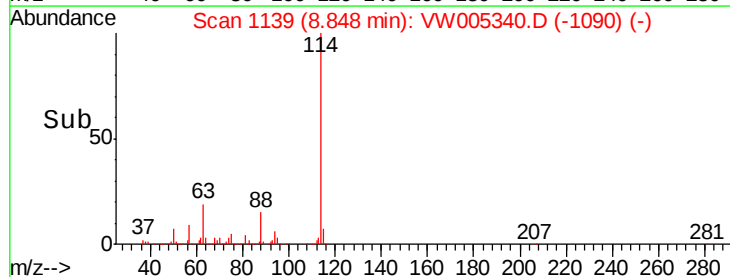
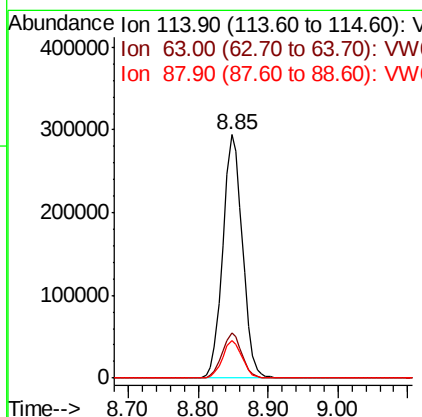
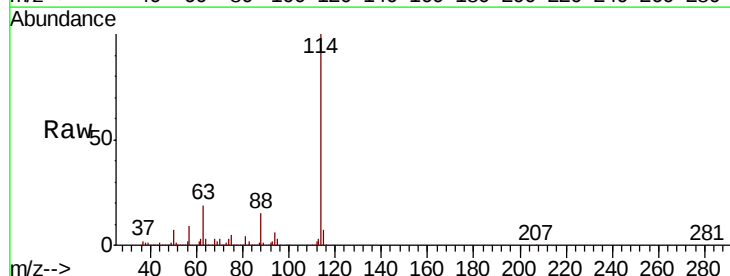
Instrument :
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 NF-CON-2

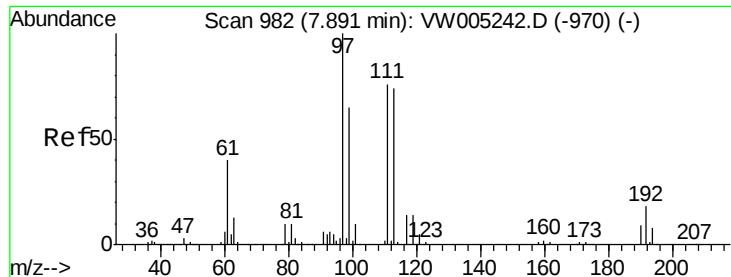
Tgt Ion: 65 Resp: 138316
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 112.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005340.D
 Acq: 12 Sep 2018 21:30

Tgt Ion: 114 Resp: 573885
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 37.0
 88 15.2 0.0 30.4

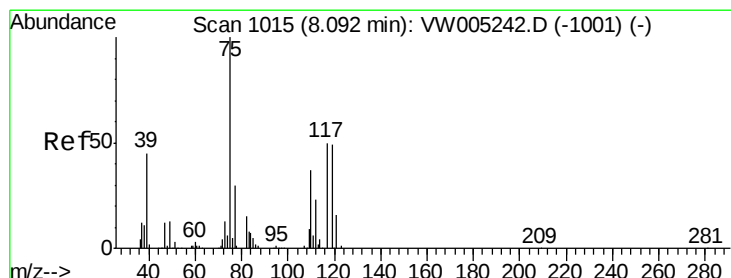
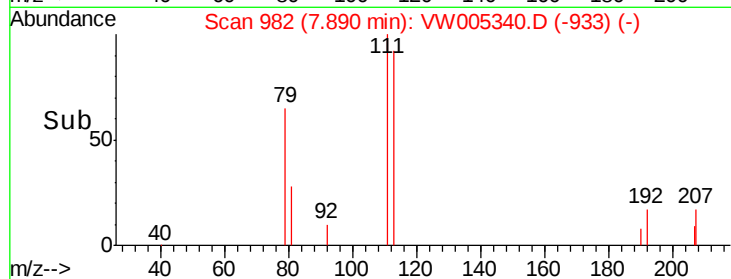
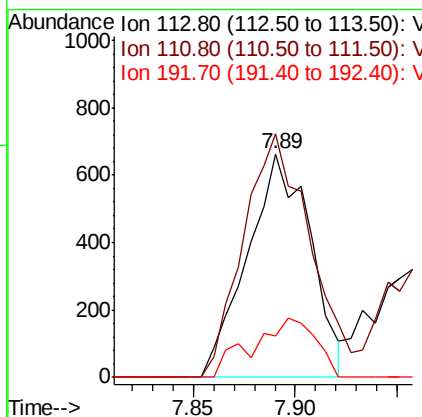
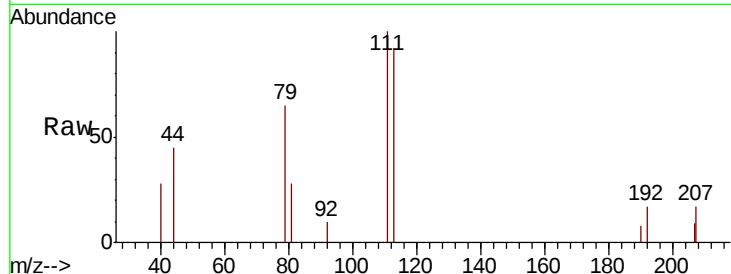




#35
 Dibromofluoromethane
 Concen: 0.475 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005340.D
 Acq: 12 Sep 2018 21:30

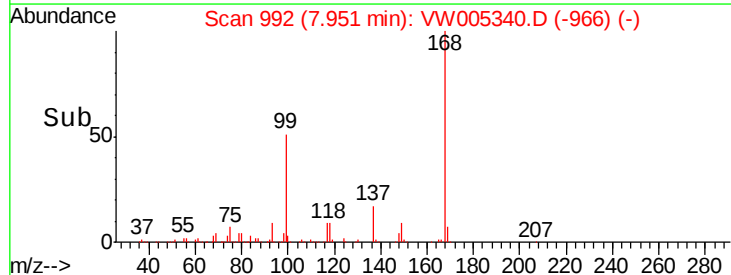
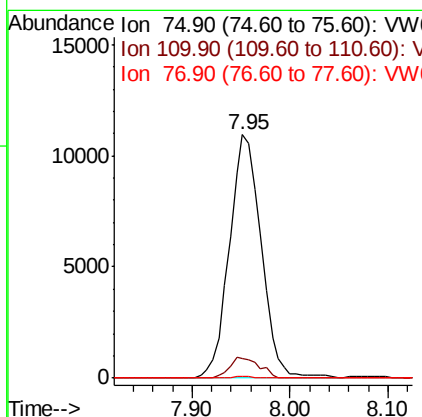
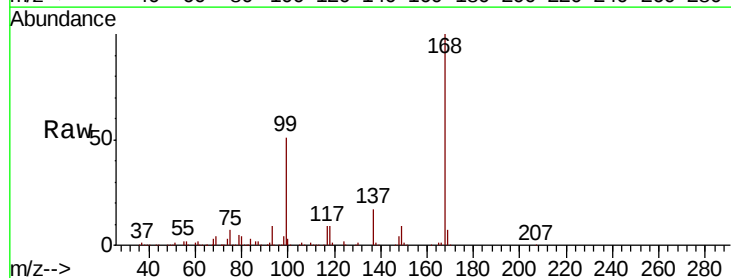
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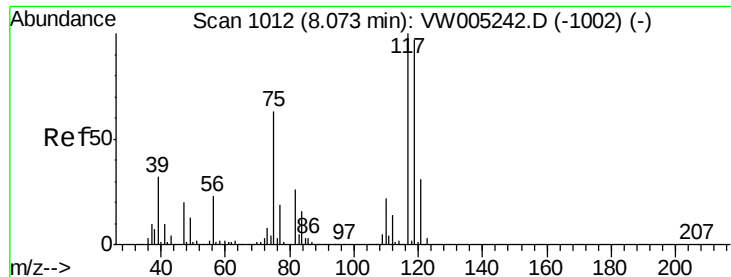
Tgt Ion:113 Resp: 1429
 Ion Ratio Lower Upper
 113 100
 111 114.2 80.6 121.0
 192 26.5 18.3 27.5



#36
 1,1-Dichloropropene
 Concen: 4.697 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.14 min
 Lab File: VW005340.D
 Acq: 12 Sep 2018 21:30

Tgt Ion: 75 Resp: 24697
 Ion Ratio Lower Upper
 75 100
 110 8.1 18.8 56.4#
 77 0.3 24.9 37.3#

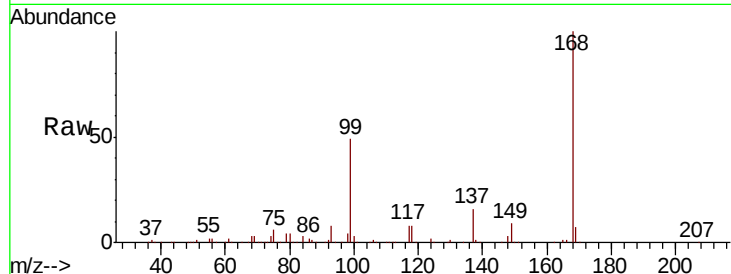




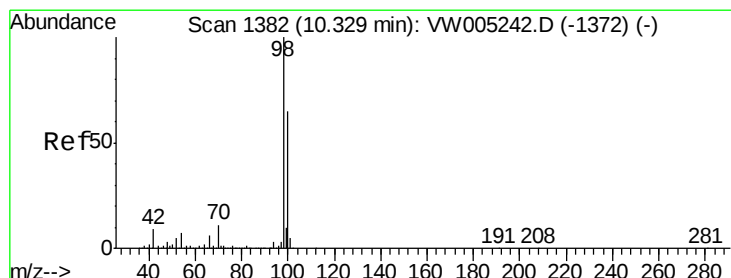
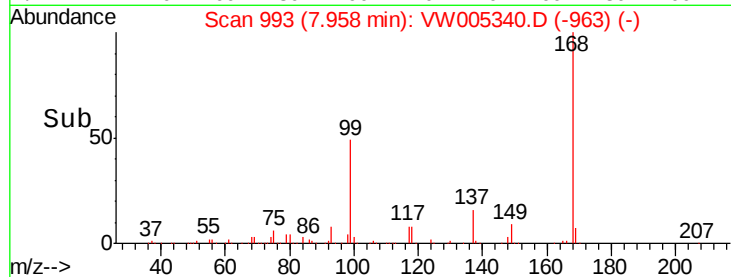
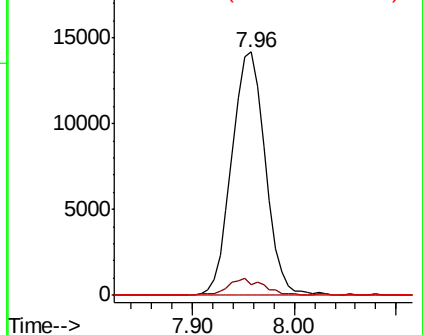
#38
Carbon Tetrachloride
Concen: 6.565 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.12 min
Lab File: VW005340.D
Acq: 12 Sep 2018 21:30

Instrument :
MSVOA_W
ClientSampled :
NF-CON-2

Tgt Ion: 117 Resp: 32335
Ion Ratio Lower Upper
117 100
119 4.5 77.5 116.3#
121 0.0 24.7 37.1#

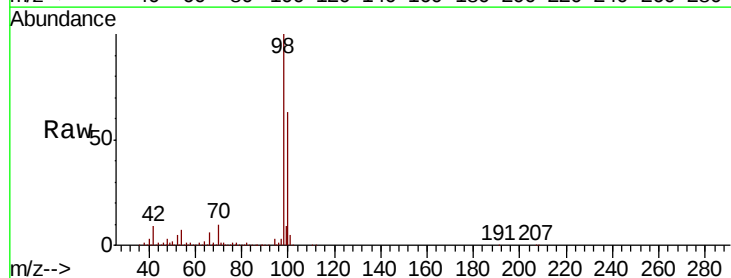


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

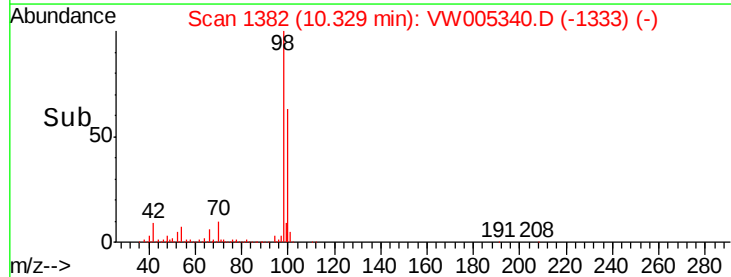
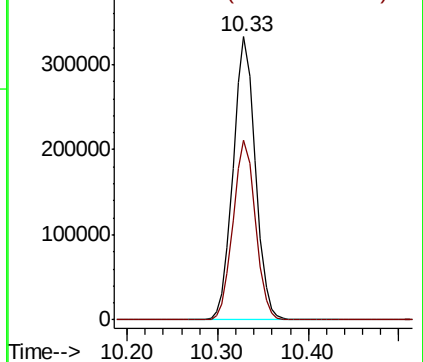


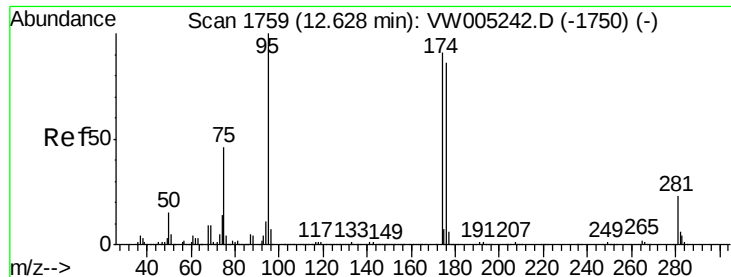
#50
Toluene-d8
Concen: 37.315 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005340.D
Acq: 12 Sep 2018 21:30

Tgt Ion: 98 Resp: 566851
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0



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

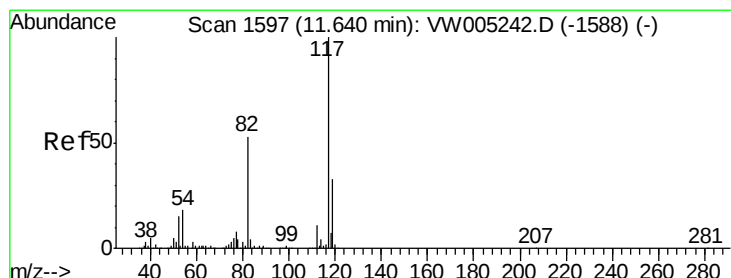
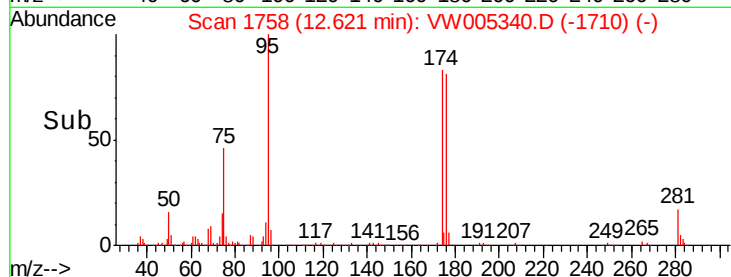
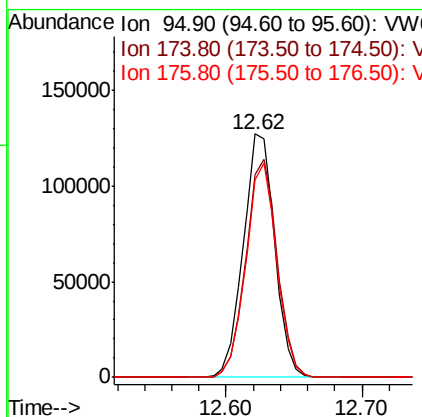
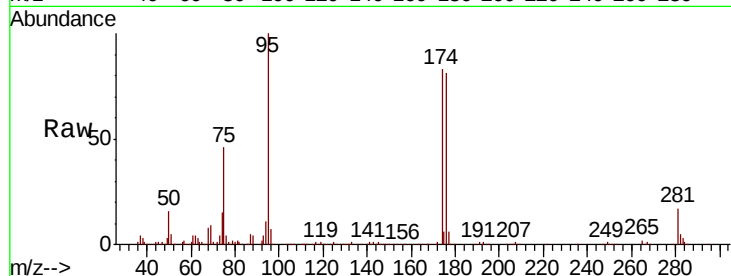




#62
4-Bromofluorobenzene
Concen: 37.083 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.01 min
Lab File: VW005340.D
Acq: 12 Sep 2018 21:30

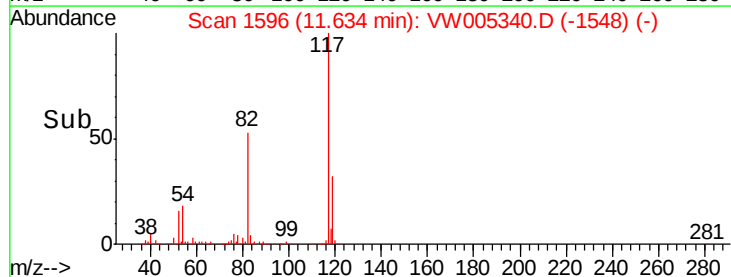
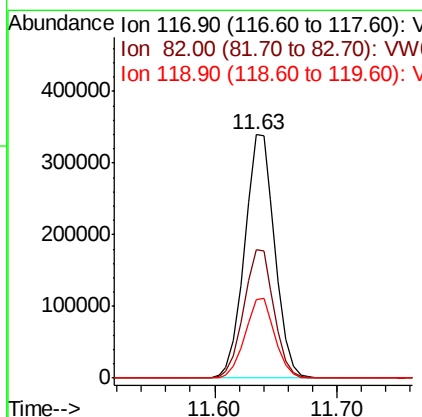
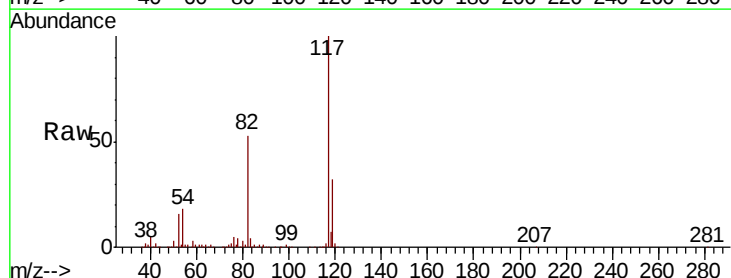
Instrument :
MSVOA_W
ClientSampleId :
NF-CON-2

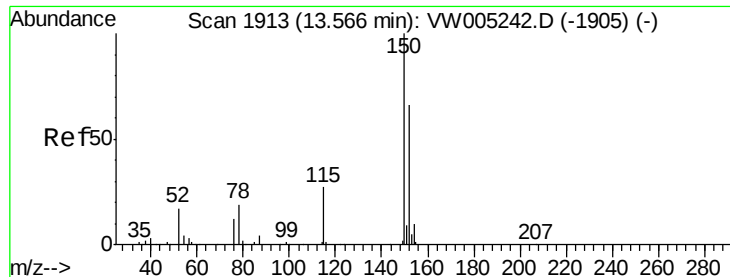
Tgt Ion: 95 Resp: 206050
Ion Ratio Lower Upper
95 100
174 89.6 0.0 174.6
176 86.5 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.01 min
Lab File: VW005340.D
Acq: 12 Sep 2018 21:30

Tgt Ion: 117 Resp: 580958
Ion Ratio Lower Upper
117 100
82 52.9 42.6 63.8
119 32.1 26.2 39.4



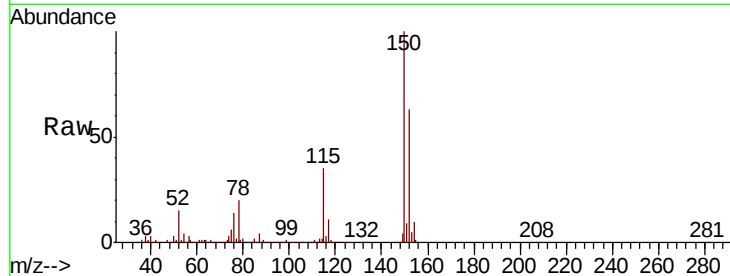


#72

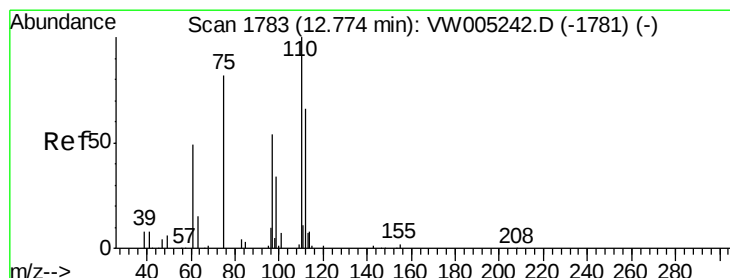
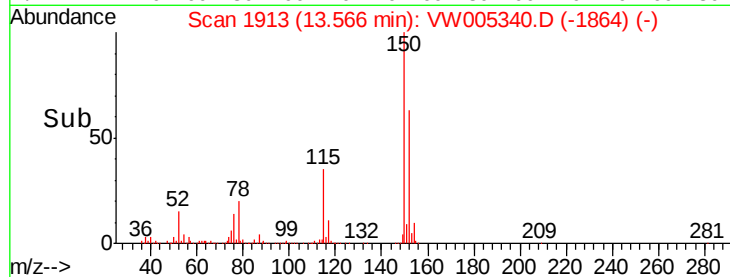
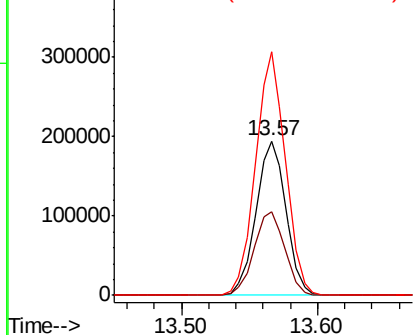
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005340.D
Acq: 12 Sep 2018 21:30

Instrument :
MSVOA_W
ClientSampleId :
NF-CON-2

Tgt Ion:152 Resp: 301941
Ion Ratio Lower Upper
152 100
115 55.3 27.5 82.4
150 156.3 0.0 347.4



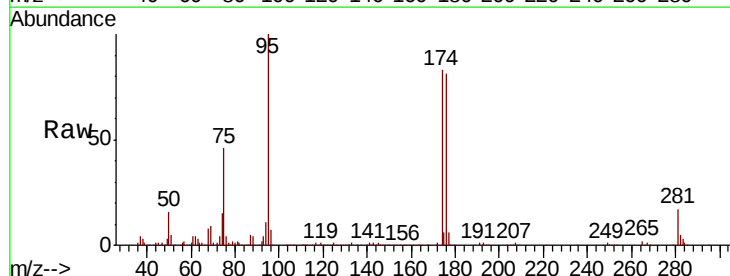
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



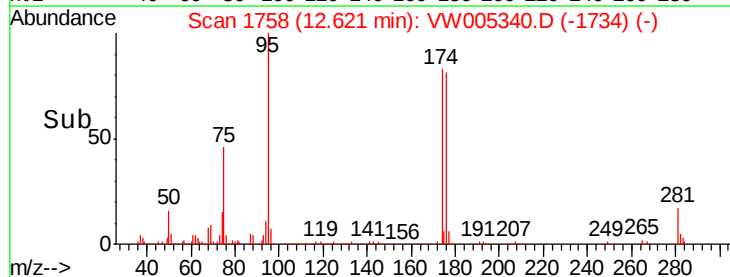
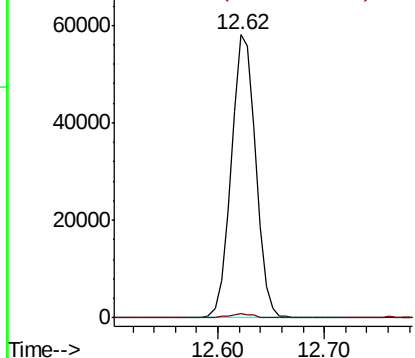
#76

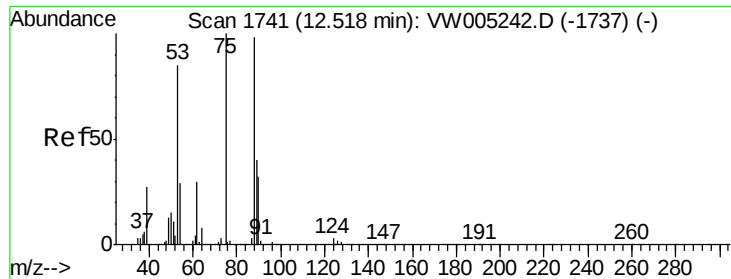
1,2,3-Trichloropropane
Concen: 40.356 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW005340.D
Acq: 12 Sep 2018 21:30

Tgt Ion: 75 Resp: 93723
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



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





#81

trans-1,4-Dichloro-2-butene

Concen: 94.645 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005340.D

Acq: 12 Sep 2018 21:30

Instrument :

MSVOA_W

ClientSampleId :

NF-CON-2

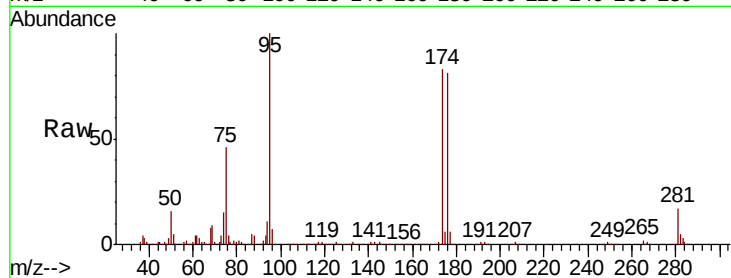
Tgt Ion: 75 Resp: 93723

Ion Ratio Lower Upper

75 100

53 0.2 67.0 100.6#

89 0.1 37.0 55.4#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

