

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071318\
 Data File : VN049832.D
 Acq On : 14 Jul 2018 7:14
 Operator : MD\SY
 Sample : J3975-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PAR-8

Quant Time: Jul 16 00:50:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 12 15:51:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1218389	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1983746	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1631405	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	609708	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	826047	58.28	ug/l	0.00
Spiked Amount			Recovery	=	116.56%	
35) Dibromofluoromethane	7.59	113	752896	50.35	ug/l	0.00
Spiked Amount			Recovery	=	100.70%	
50) Toluene-d8	10.09	98	2649015	51.75	ug/l	0.00
Spiked Amount			Recovery	=	103.50%	
62) 4-Bromofluorobenzene	12.40	95	730833	39.98	ug/l	0.00
Spiked Amount			Recovery	=	79.96%	

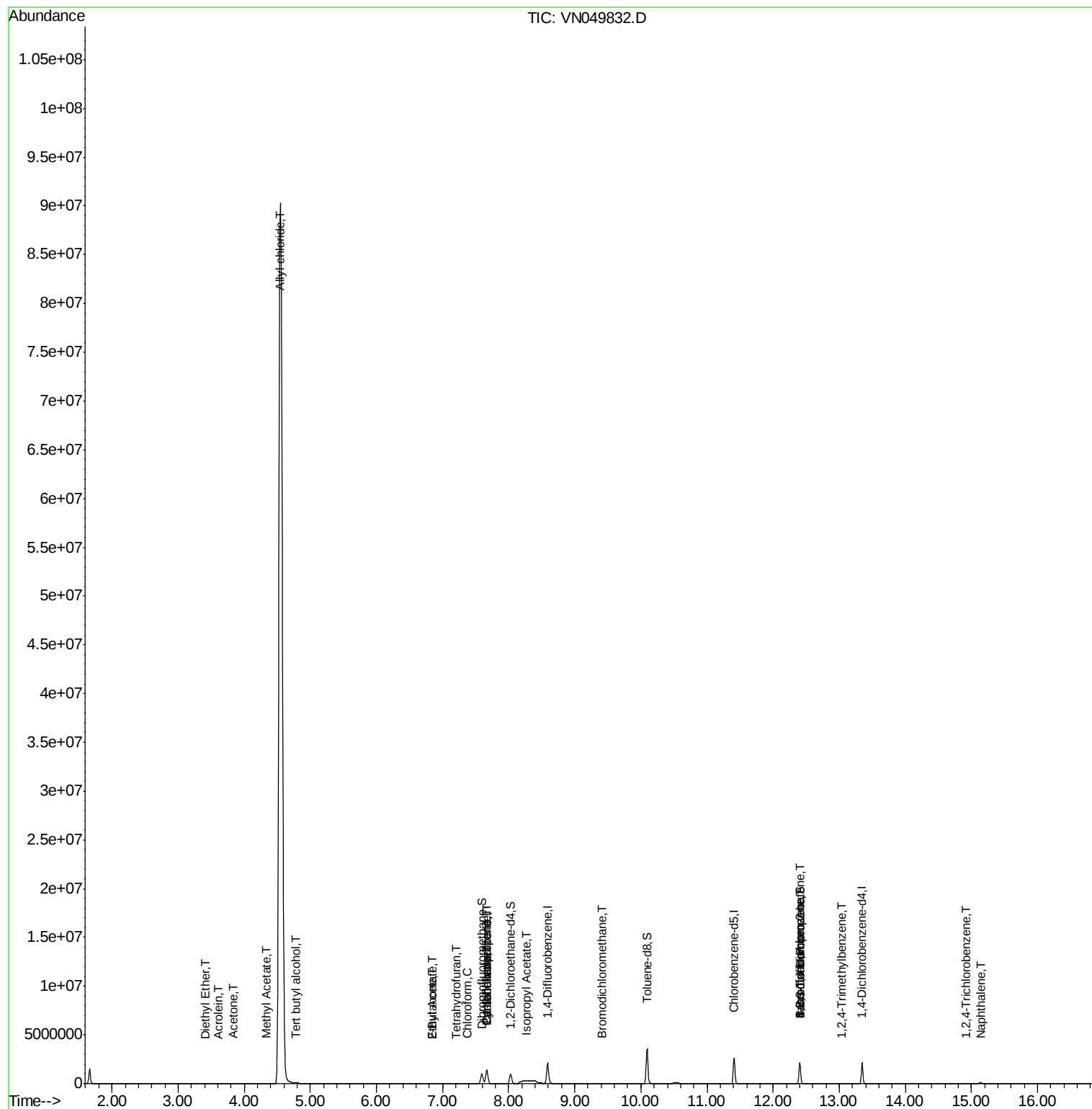
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	1865	Below Cal		90
4) Vinyl Chloride	2.18	62	138	Below Cal		97
5) Bromomethane	2.58	94	1018	Below Cal	#	39
8) Diethyl Ether	3.42	74	2540	0.31	ug/l	93
11) Tert butyl alcohol	4.79	59	343	0.36	ug/l	# 72
13) Acrolein	3.61	56	541	0.65	ug/l	88
14) Allyl chloride	4.54	41	3912244	181.95	ug/l	# 25
16) Acetone	3.83	43	45861	11.16	ug/l	# 88
17) Carbon Disulfide	4.05	76	8907	Below Cal		97
18) Methyl Acetate	4.33	43	76709	5.83	ug/l	94
25) 2-Butanone	6.85	43	11282	2.04	ug/l	# 80
29) Tetrahydrofuran	7.21	42	1287	0.37	ug/l	# 70
30) Chloroform	7.38	83	25111	0.88	ug/l	99
31) Cyclohexane	7.67	56	23779	0.83	ug/l	# 1
36) 1,1-Dichloropropene	7.67	75	84297	3.69	ug/l	# 49
37) Ethyl Acetate	6.85	43	11282	0.83	ug/l	# 78
38) Carbon Tetrachloride	7.67	117	112039	4.69	ug/l	# 16
43) Isopropyl Acetate	8.26	43	572866	23.55	ug/l	# 62
47) Bromodichloromethane	9.40	83	9635	0.40	ug/l	94
55) 1,1,2-Trichloroethane	10.57	97	1120	Below Cal	#	15
71) Bromoform	12.41	173	6235	0.58	ug/l	# 1
75) 1,1,2,2-Tetrachloroethane	12.50	83	100	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	355963	32.86	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.40	75	355963	106.13	ug/l	# 13
84) 1,2,4-Trimethylbenzene	13.04	105	13159	0.33	ug/l	91
90) Hexachloroethane	13.90	117	567	Below Cal	#	4
92) 1,2-Dibromo-3-Chloropropan	14.27	75	195	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.91	180	245	2.91	ug/l	# 1
95) Naphthalene	15.14	128	78529	6.70	ug/l	99

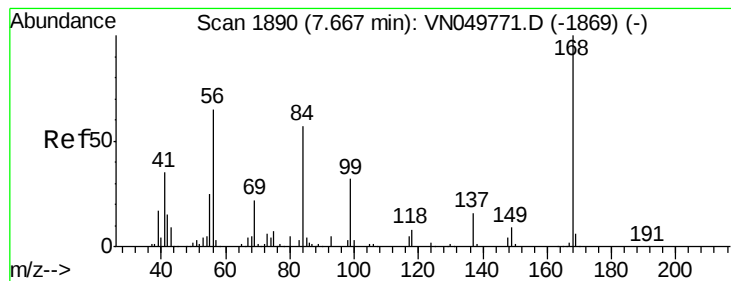
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN071318\
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Quant Title : SW846 8260
QLast Update : Thu Jul 12 15:51:38 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049832.D

Acq: 14 Jul 2018 7:14

Instrument :

MSVOA_N

ClientSampleId :

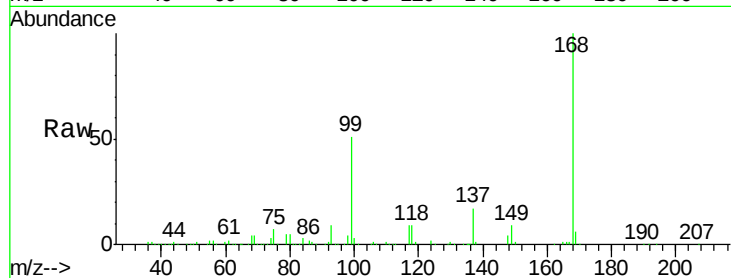
PAR-8

Tot Ion:168 Resp: 1218389

Ion Ratio Lower Upper

168 100

99 51.0 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): VN049771.D (-1869) (-)

Ion 98.90 (98.60 to 99.60): VN049771.D (-1869) (-)

7.67

600000

500000

400000

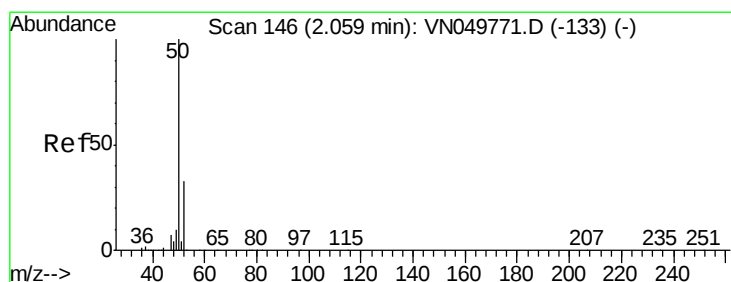
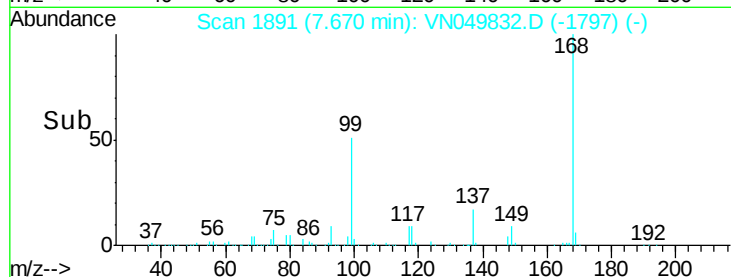
300000

200000

100000

0

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.06 min Scan# 147

Delta R.T. 0.00 min

Lab File: VN049832.D

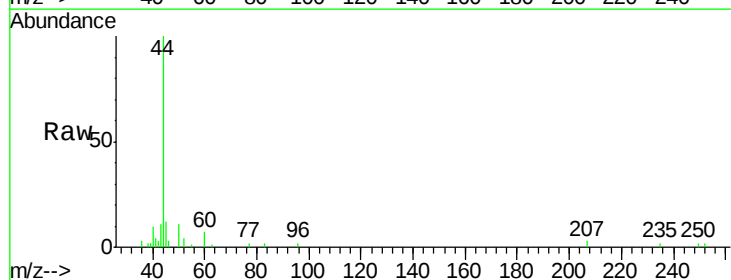
Acq: 14 Jul 2018 7:14

Tgt Ion: 50 Resp: 1865

Ion Ratio Lower Upper

50 100

52 38.1 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VN049771.D (-133) (-)

Ion 51.90 (51.60 to 52.60): VN049771.D (-133) (-)

2.06

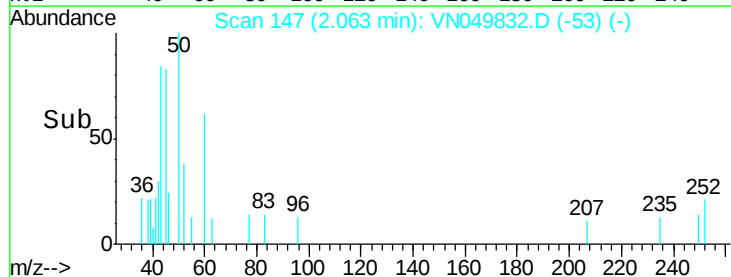
1500

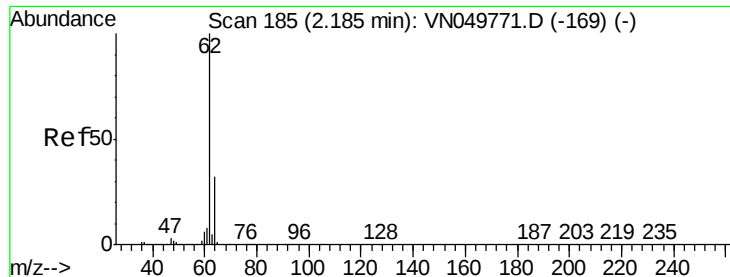
1000

500

0

Time-->





#4

Vinyl Chloride

Concen: Below Cal

RT: 2.18 min Scan# 184

Delta R.T. -0.00 min

Lab File: VN049832.D

Acq: 14 Jul 2018 7:14

Instrument :

MSVOA_N

ClientSampled :

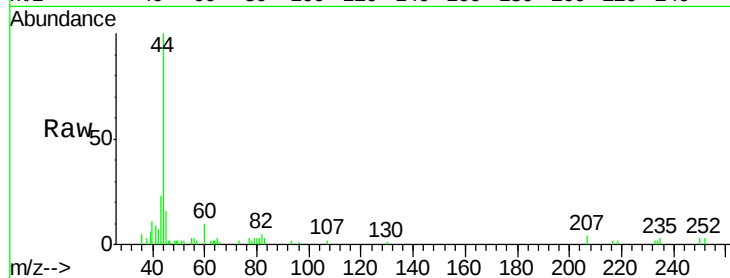
PAR-8

Tot Ion: 62 Resp: 138

Ion Ratio Lower Upper

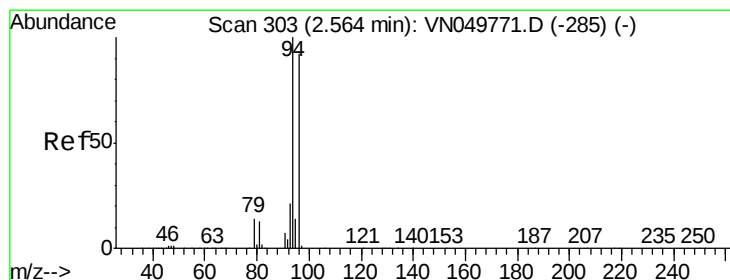
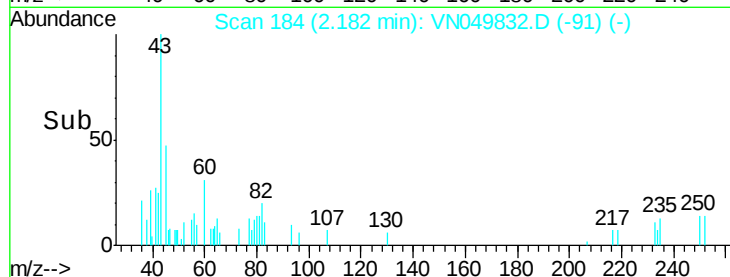
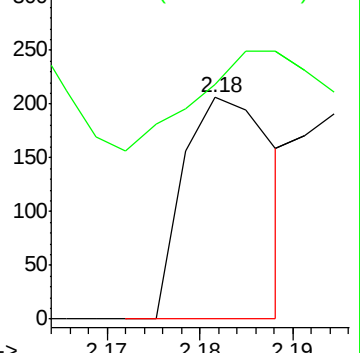
62 100

64 30.1 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0



#5

Bromomethane

Concen: Below Cal

RT: 2.58 min Scan# 307

Delta R.T. 0.01 min

Lab File: VN049832.D

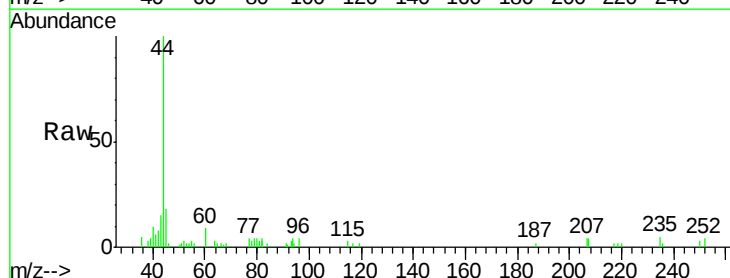
Acq: 14 Jul 2018 7:14

Tgt Ion: 94 Resp: 1018

Ion Ratio Lower Upper

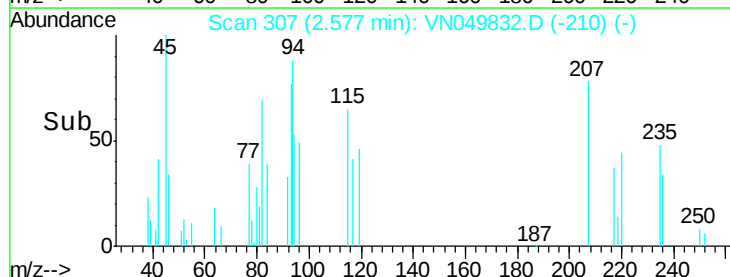
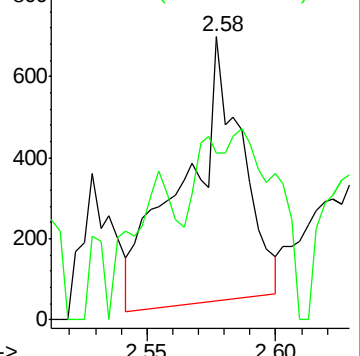
94 100

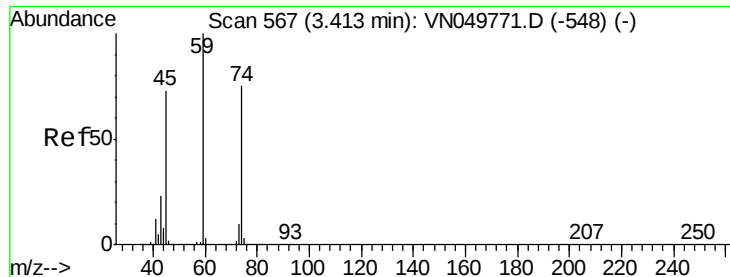
96 35.7 75.7 113.5#



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0





#8

Diethyl Ether

Concen: 0.31 ug/l

RT: 3.42 min Scan# 570

Delta R.T. 0.01 min

Lab File: VN049832.D

Acq: 14 Jul 2018 7:14

Instrument :

MSVOA_N

ClientSampled :

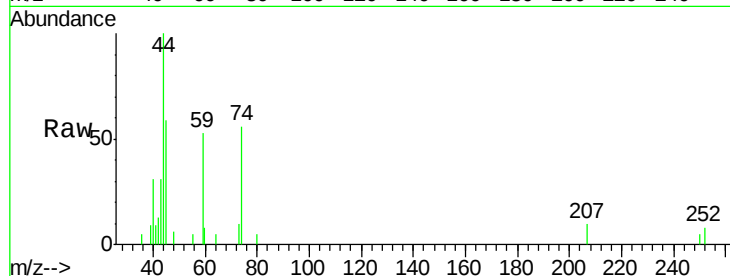
PAR-8

Tot Ion: 74 Resp: 2540

Ion Ratio Lower Upper

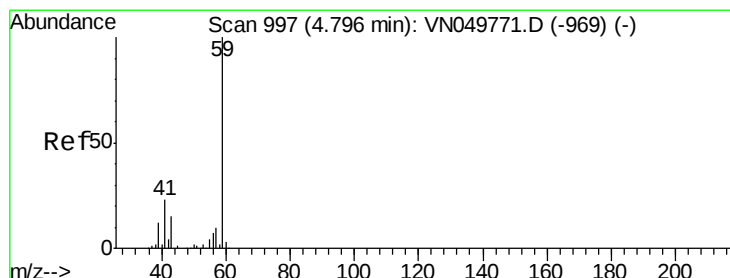
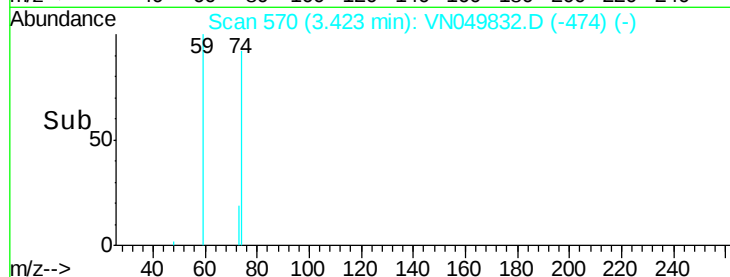
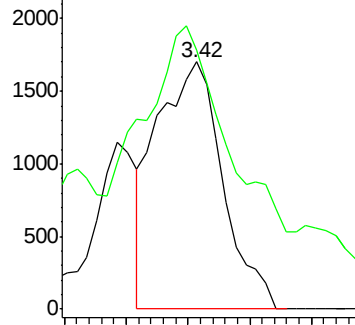
74 100

45 103.2 48.4 145.2



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0



#11

Tert butyl alcohol

Concen: 0.36 ug/l

RT: 4.79 min Scan# 995

Delta R.T. -0.01 min

Lab File: VN049832.D

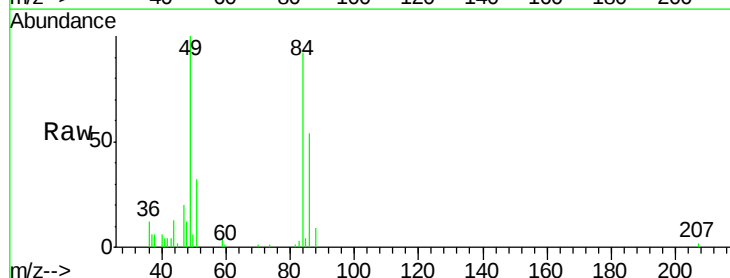
Acq: 14 Jul 2018 7:14

Tgt Ion: 59 Resp: 343

Ion Ratio Lower Upper

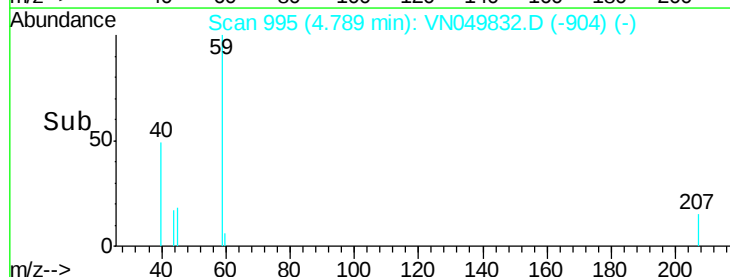
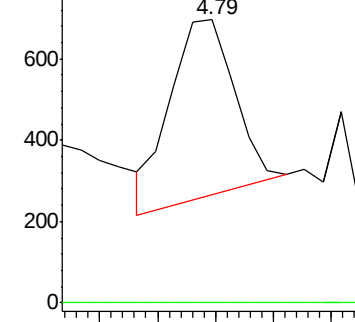
59 100

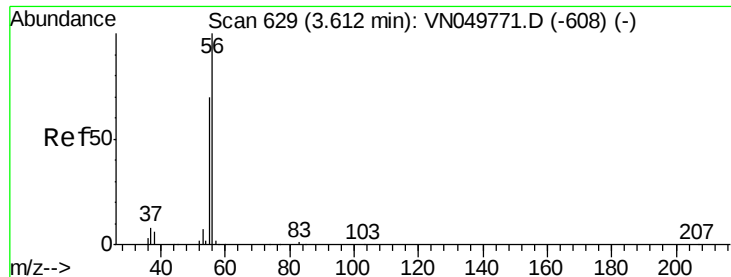
57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0





#13

Acrolein

Concen: 0.65 ug/l

RT: 3.61 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN049832.D

Acq: 14 Jul 2018 7:14

Instrument :

MSVOA_N

ClientSampled :

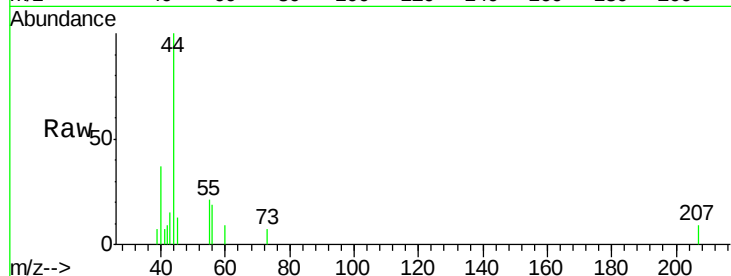
PAR-8

Tot Ion: 56 Resp: 541

Ion Ratio Lower Upper

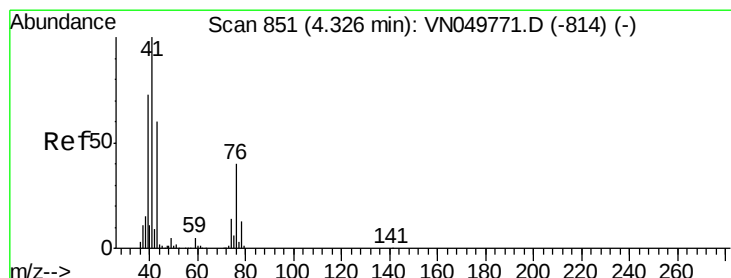
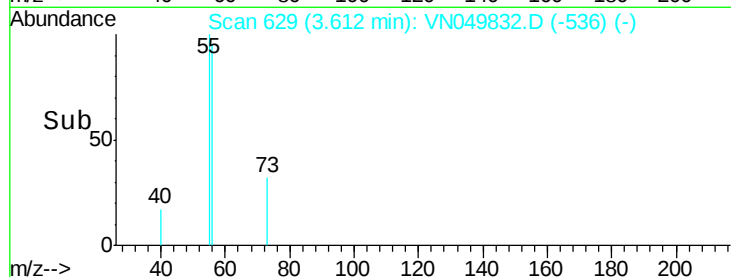
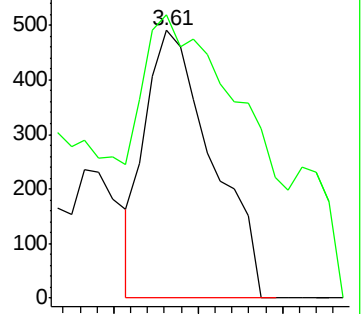
56 100

55 79.3 55.8 83.8



Abundance Ion 56.00 (55.70 to 56.70): VN049832.D (-536) (-)

Ion 55.00 (54.70 to 55.70): VN049832.D (-536) (-)



#14

Allyl chloride

Concen: 181.95 ug/l

RT: 4.54 min Scan# 919

Delta R.T. 0.22 min

Lab File: VN049832.D

Acq: 14 Jul 2018 7:14

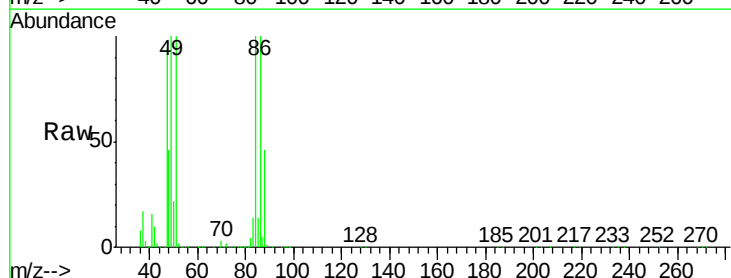
Tgt Ion: 41 Resp: 3912244

Ion Ratio Lower Upper

41 100

39 0.9 53.2 79.8#

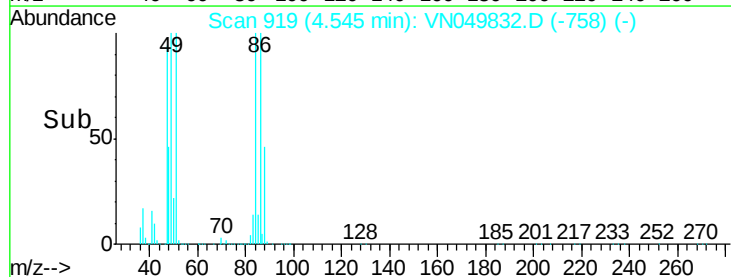
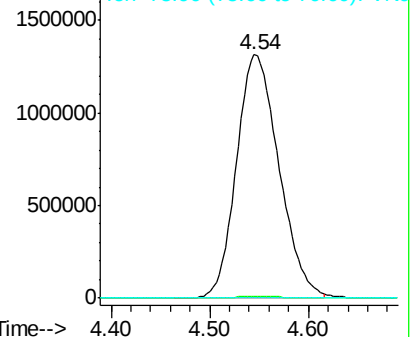
76 0.0 29.0 43.6#

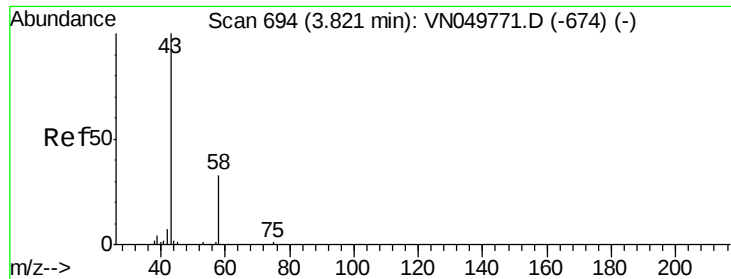


Abundance Ion 41.00 (40.70 to 41.70): VN049832.D (-758) (-)

Ion 39.00 (38.70 to 39.70): VN049832.D (-758) (-)

Ion 75.90 (75.60 to 76.60): VN049832.D (-758) (-)





#16

Acetone

Concen: 11.16 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN049832.D

Acq: 14 Jul 2018 7:14

Instrument :

MSVOA_N

ClientSampleId :

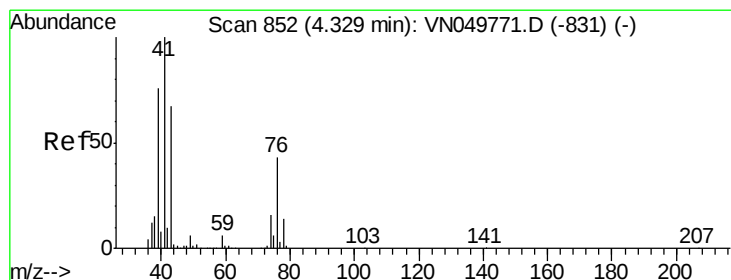
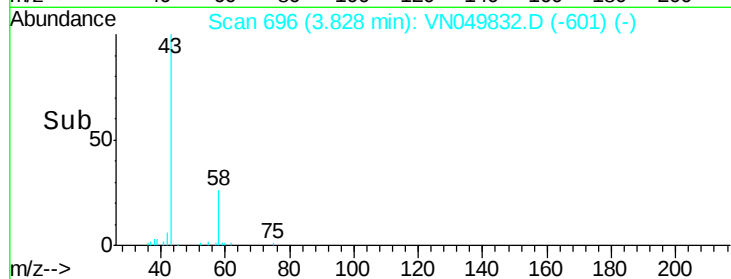
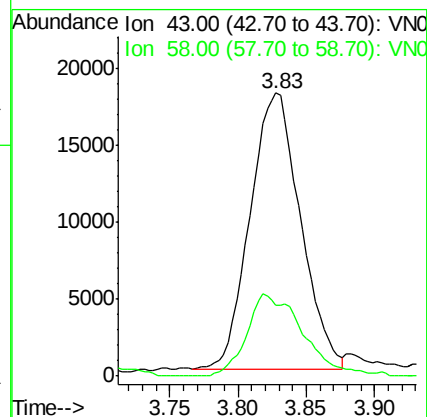
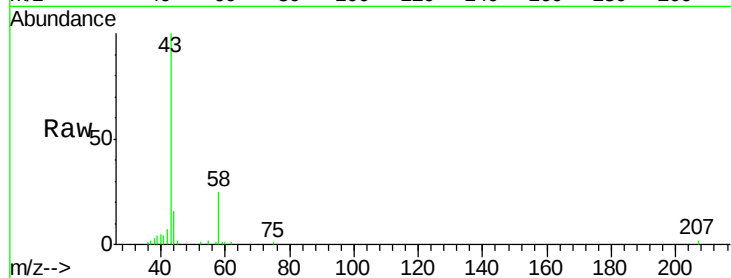
PAR-8

Tot Ion: 43 Resp: 45861

Ion Ratio Lower Upper

43 100

58 25.7 25.9 38.9#



#18

Methyl Acetate

Concen: 5.83 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.00 min

Lab File: VN049832.D

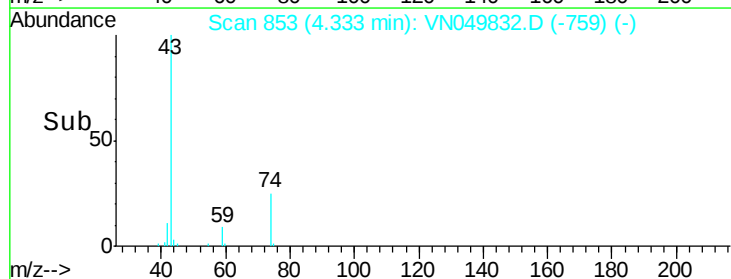
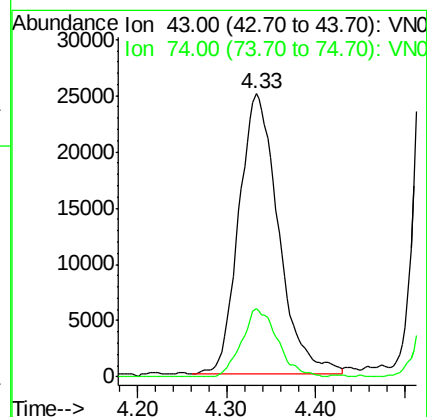
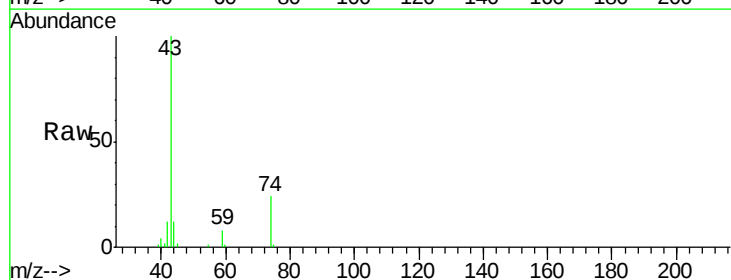
Acq: 14 Jul 2018 7:14

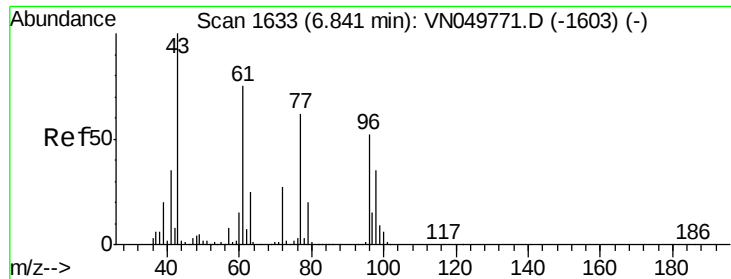
Tgt Ion: 43 Resp: 76709

Ion Ratio Lower Upper

43 100

74 22.0 19.8 29.8

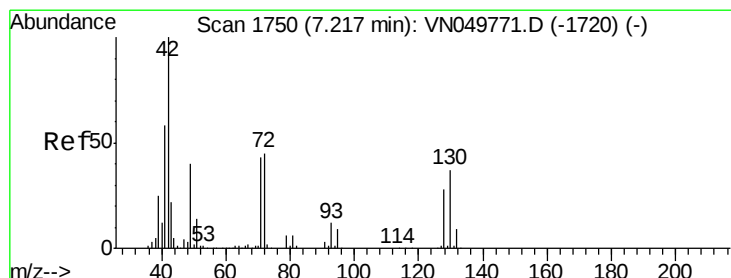
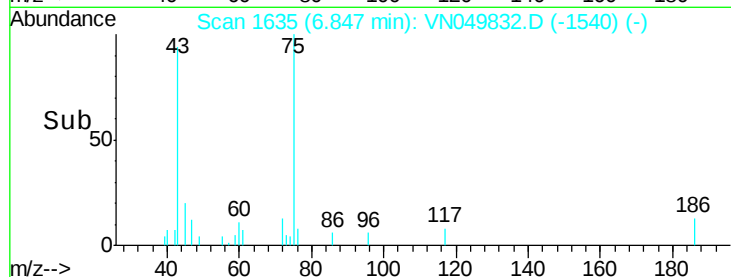
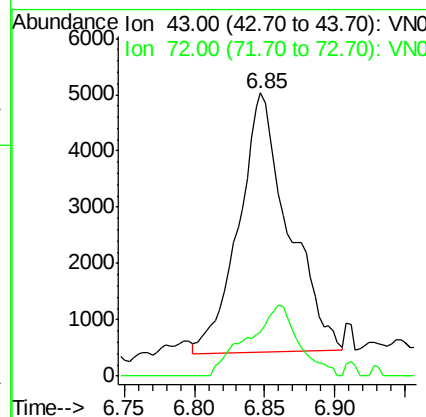
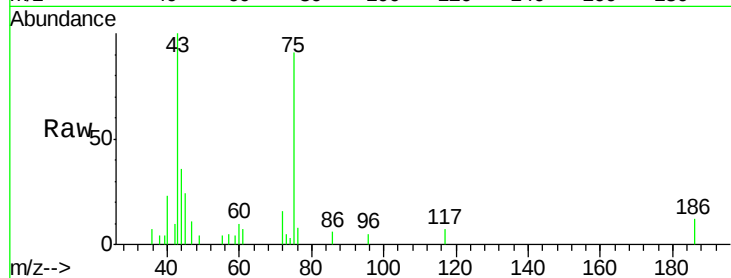




#25
2-Butanone
Concen: 2.04 ug/l
RT: 6.85 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VN049832.D
Acq: 14 Jul 2018 7:14

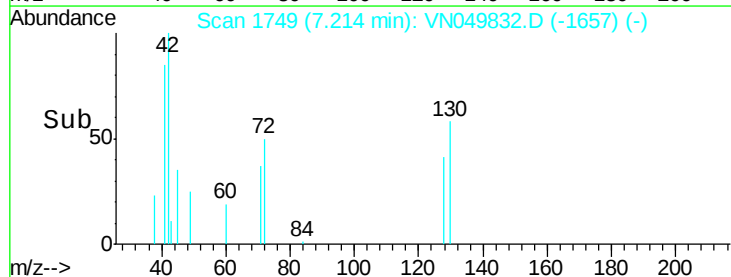
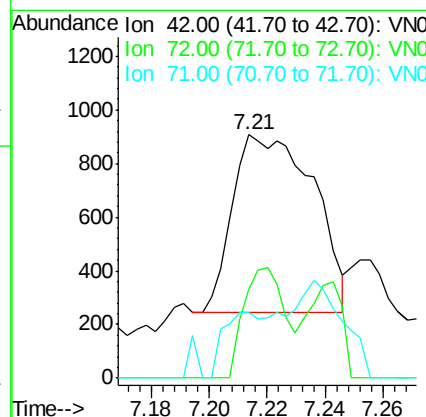
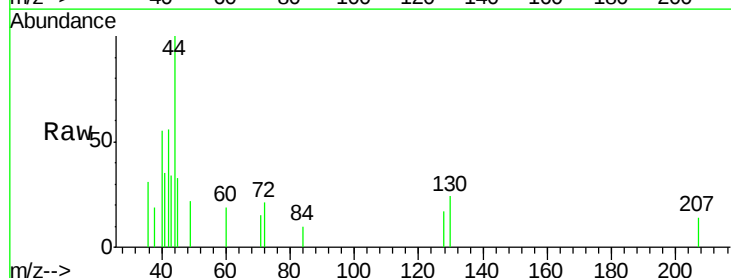
Instrument :
MSVOA_N
ClientSampled :
PAR-8

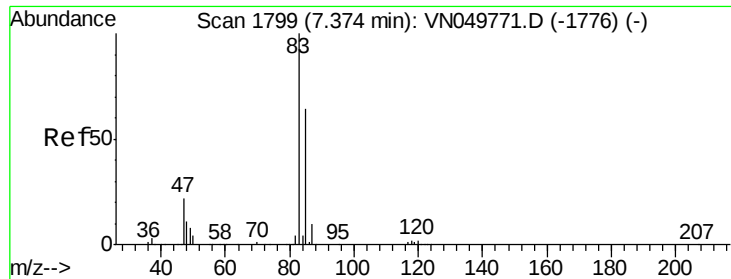
Tot Ion: 43 Resp: 11282
Ion Ratio Lower Upper
43 100
72 17.4 22.1 33.1#



#29
Tetrahydrofuran
Concen: 0.37 ug/l
RT: 7.21 min Scan# 1749
Delta R.T. -0.00 min
Lab File: VN049832.D
Acq: 14 Jul 2018 7:14

Tgt Ion: 42 Resp: 1287
Ion Ratio Lower Upper
42 100
72 31.7 35.6 53.4#
71 16.4 34.0 51.0#

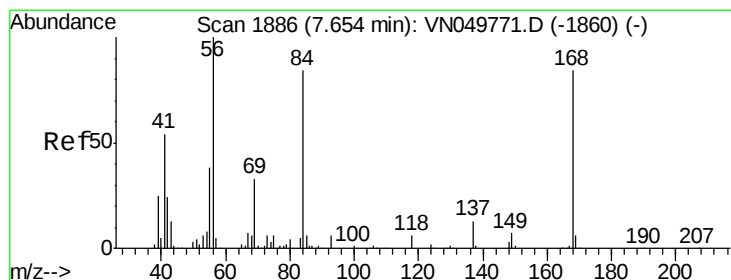
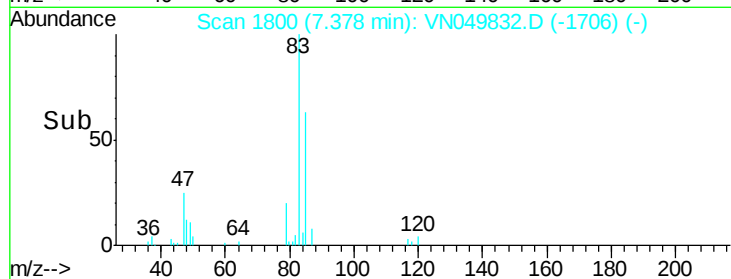
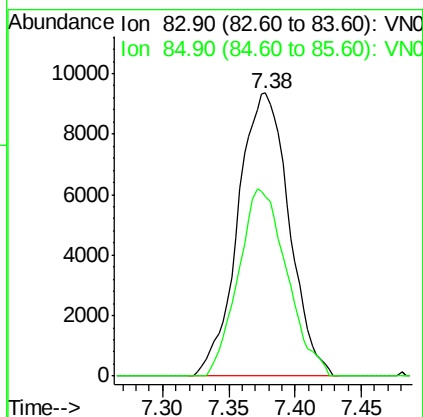
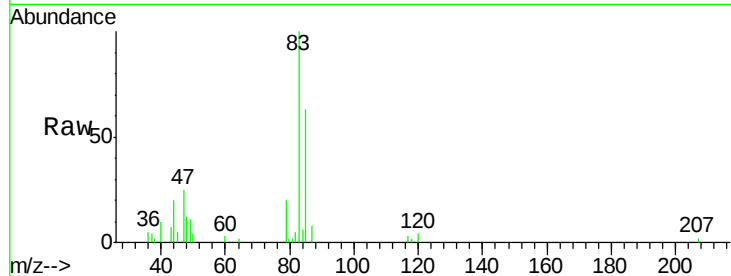




#30
Chloroform
Concen: 0.88 ug/l
RT: 7.38 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN049832.D
Acq: 14 Jul 2018 7:14

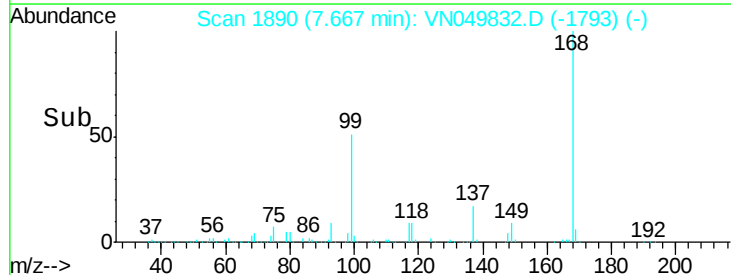
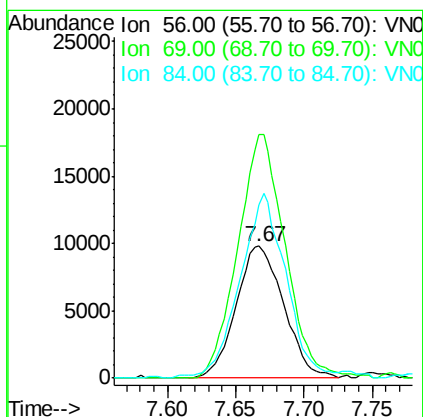
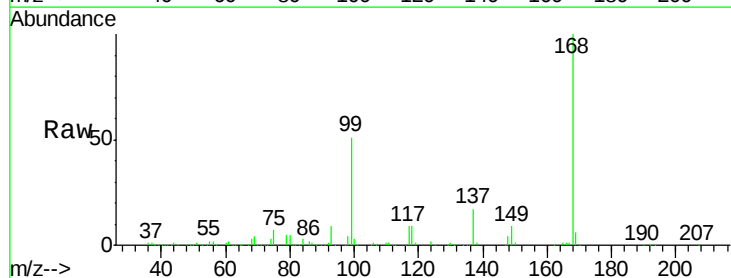
Instrument :
MSVOA_N
ClientSampled :
PAR-8

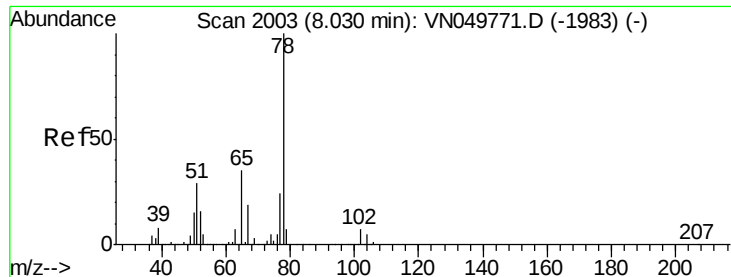
Tot Ion: 83 Resp: 25111
Ion Ratio Lower Upper
83 100
85 63.5 51.4 77.2



#31
Cyclohexane
Concen: 0.83 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. 0.01 min
Lab File: VN049832.D
Acq: 14 Jul 2018 7:14

Tgt Ion: 56 Resp: 23779
Ion Ratio Lower Upper
56 100
69 184.7 26.6 40.0#
84 128.7 69.0 103.6#





#33

1,2-Dichloroethane-d4

Concen: 58.28 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049832.D

Acq: 14 Jul 2018 7:14

Instrument :

MSVOA_N

ClientSampled :

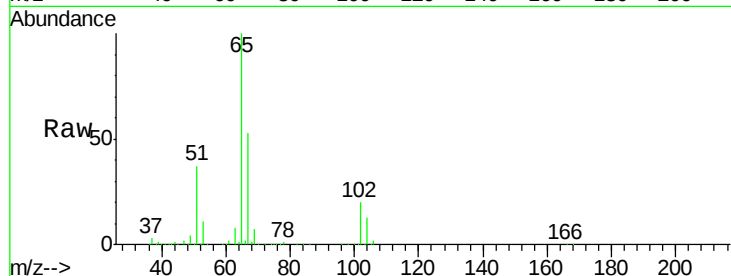
PAR-8

Tot Ion: 65 Resp: 826047

Ion Ratio Lower Upper

65 100

67 53.0 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

400000

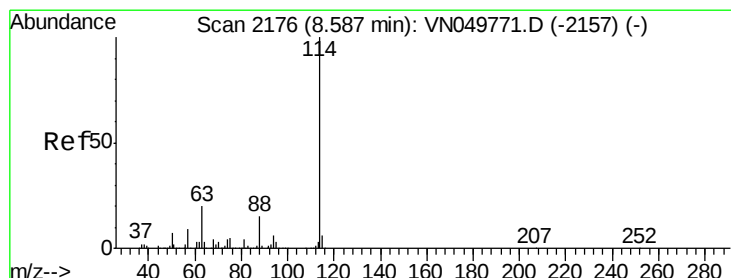
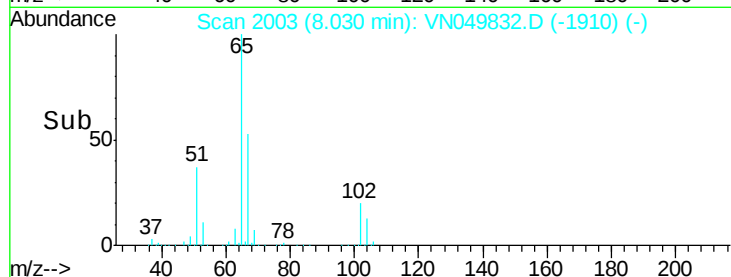
300000

200000

100000

0

Time--> 7.90 8.00 8.10 8.20



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN049832.D

Acq: 14 Jul 2018 7:14

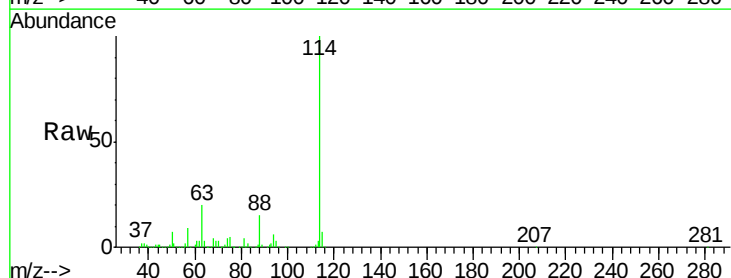
Tgt Ion: 114 Resp: 1983746

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.8

88 15.4 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

8.59

1200000

1000000

800000

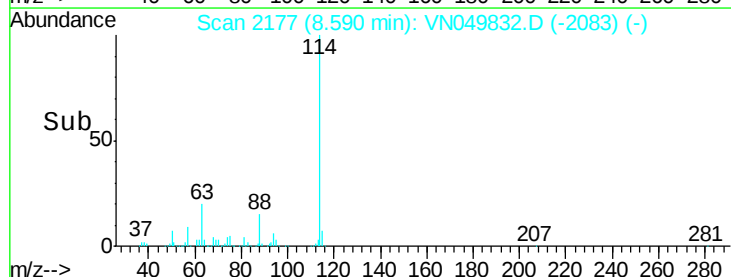
600000

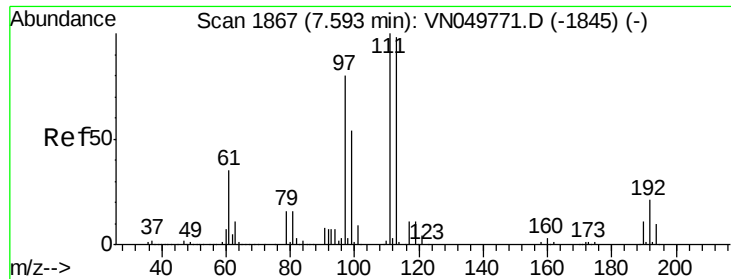
400000

200000

0

Time--> 8.50 8.60 8.70 8.80

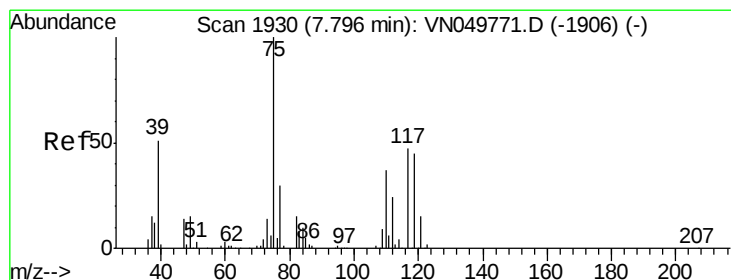
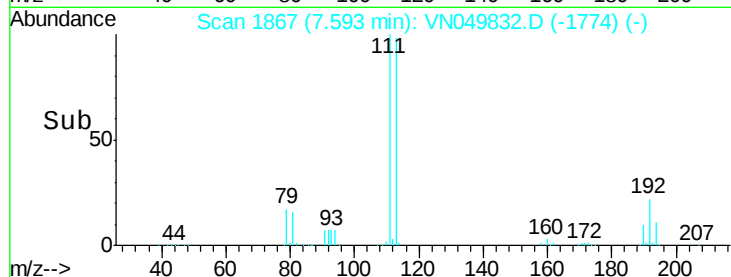
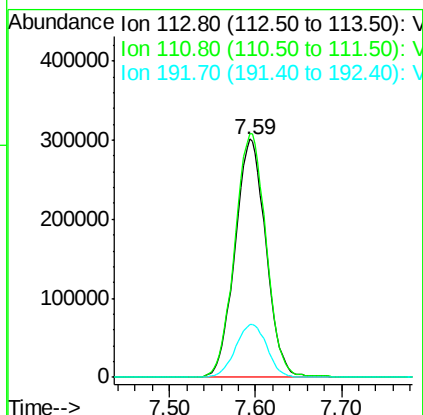
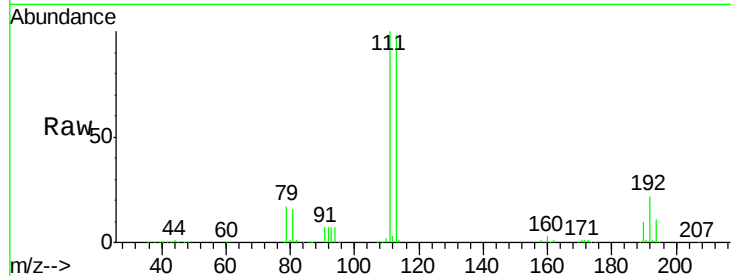




#35
 Dibromofluoromethane
 Concen: 50.35 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049832.D
 Acq: 14 Jul 2018 7:14

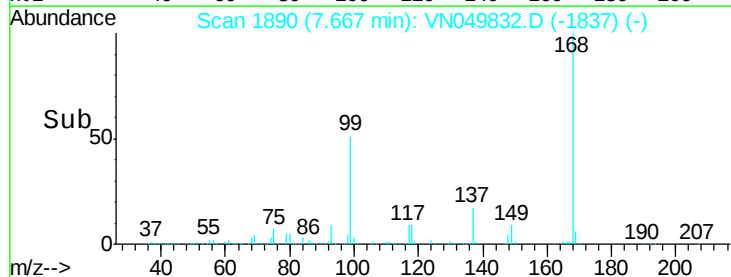
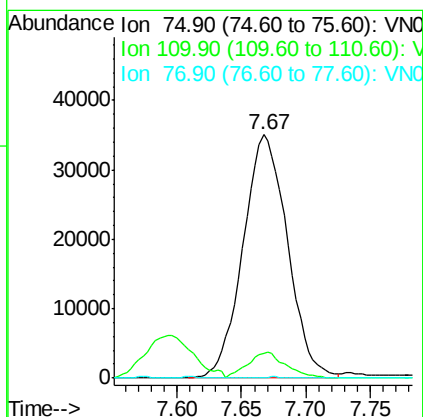
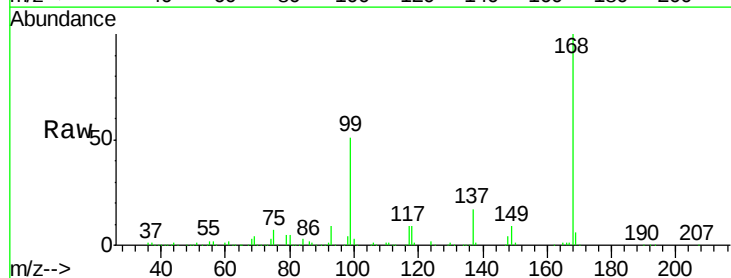
Instrument :
 MSVOA_N
 ClientSampleId :
 PAR-8

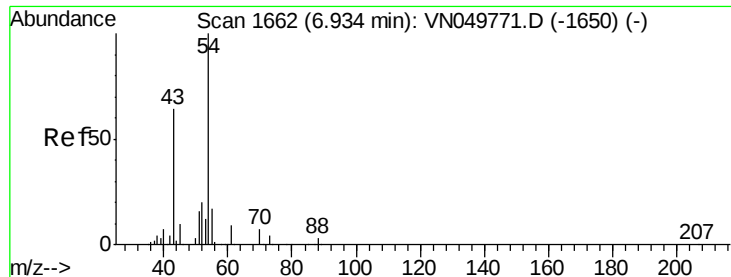
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.9	81.8	122.8
192	22.7	17.8	26.6



#36
 1,1-Dichloropropene
 Concen: 3.69 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN049832.D
 Acq: 14 Jul 2018 7:14

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.0	18.1	54.4#
77	0.1	24.9	37.3#

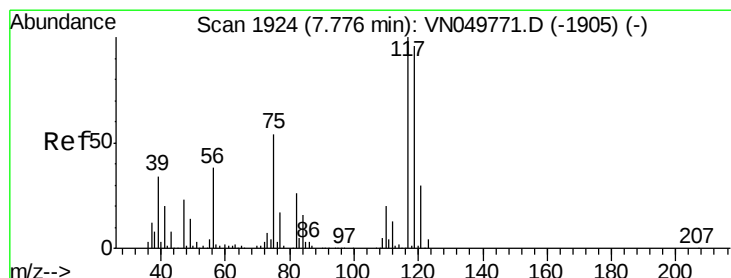
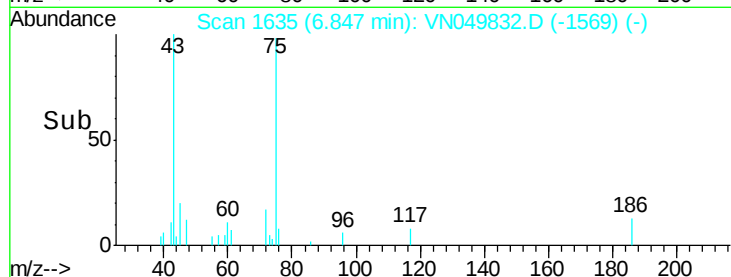
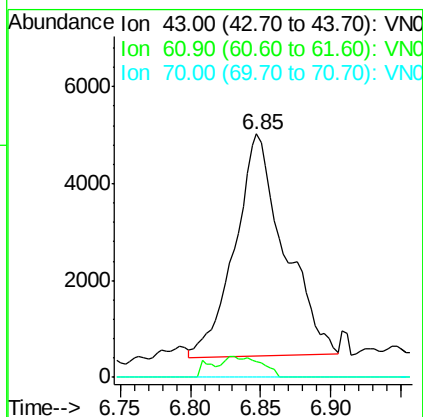
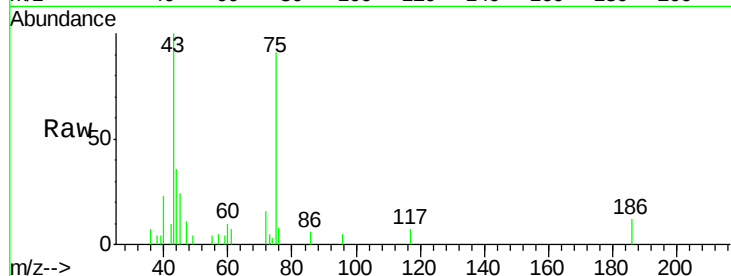




#37
Ethyl Acetate
Concen: 0.83 ug/l
RT: 6.85 min Scan# 1635
Delta R.T. -0.09 min
Lab File: VN049832.D
Acq: 14 Jul 2018 7:14

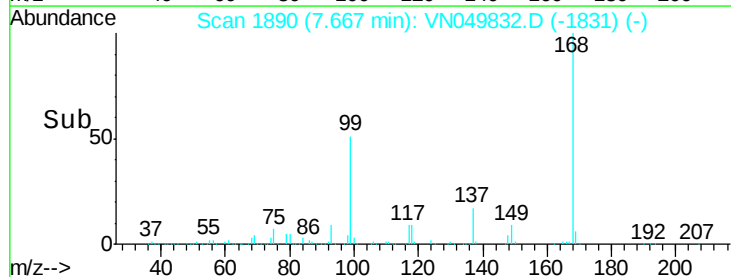
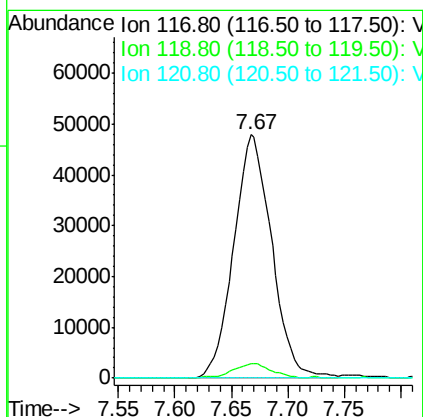
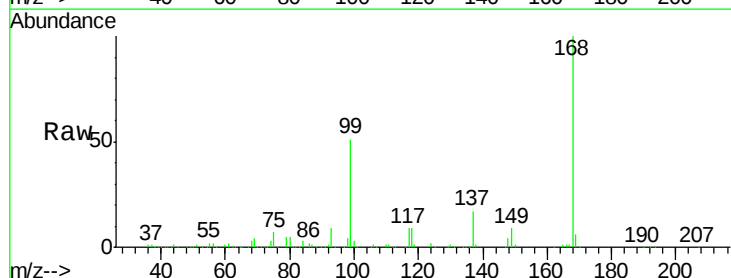
Instrument :
MSVOA_N
ClientSampleId :
PAR-8

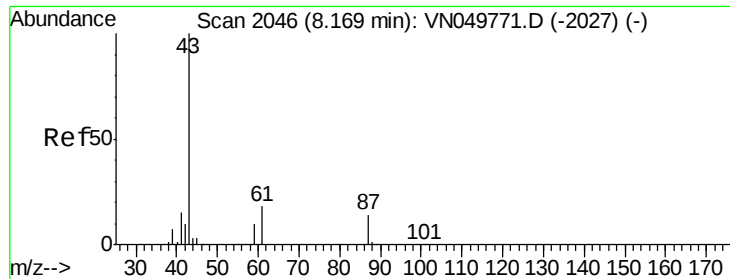
Tot Ion: 43 Resp: 11282
Ion Ratio Lower Upper
43 100
61 7.2 11.7 17.5#
70 0.0 8.4 12.6#



#38
Carbon Tetrachloride
Concen: 4.69 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.11 min
Lab File: VN049832.D
Acq: 14 Jul 2018 7:14

Tgt Ion: 117 Resp: 112039
Ion Ratio Lower Upper
117 100
119 5.9 77.2 115.8#
121 0.0 25.0 37.6#



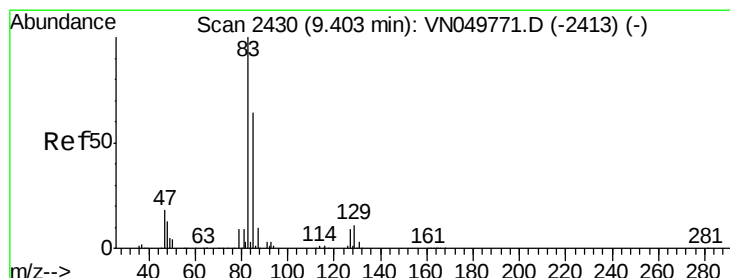
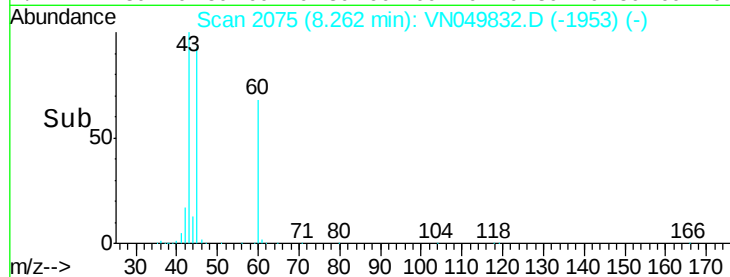
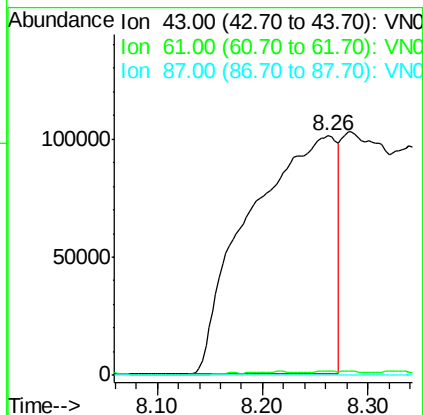
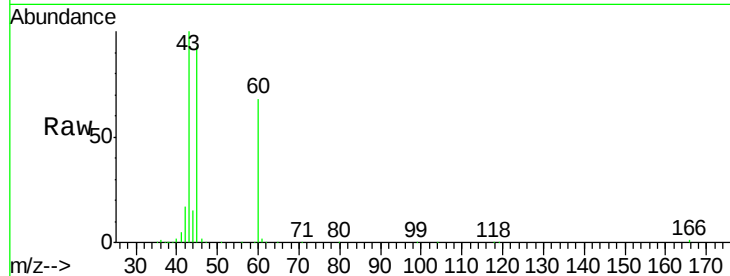


#43

Isopropyl Acetate
 Concen: 23.55 ug/l
 RT: 8.26 min Scan# 2075
 Delta R.T. 0.09 min
 Lab File: VN049832.D
 Acq: 14 Jul 2018 7:14

Instrument :
 MSVOA_N
 ClientSampleId :
 PAR-8

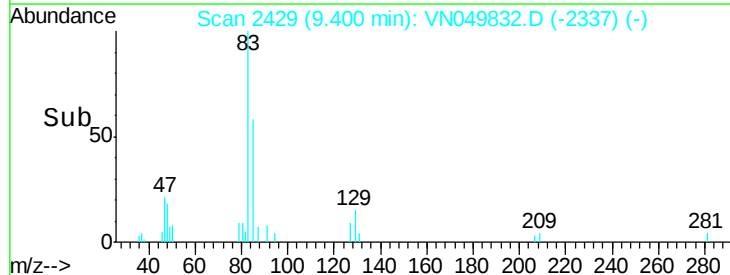
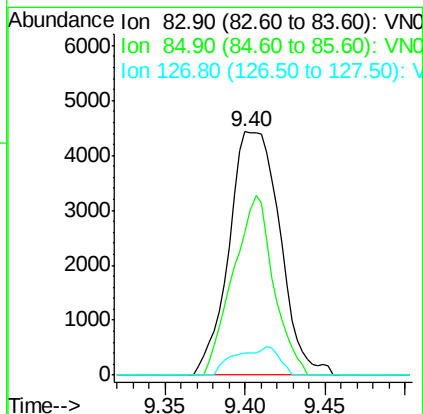
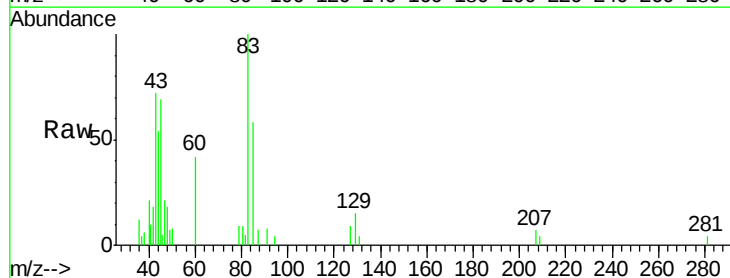
Tot Ion: 43 Resp: 572866
 Ion Ratio Lower Upper
 43 100
 61 0.0 14.9 22.3#
 87 0.0 10.0 15.0#

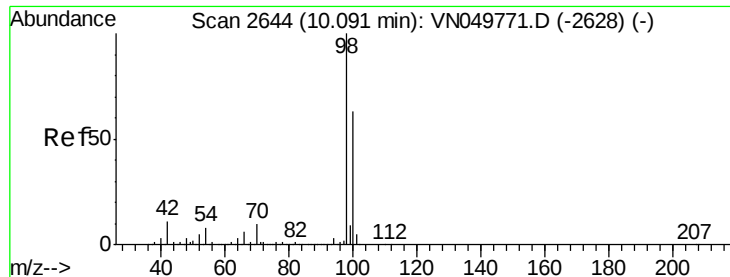


#47

Bromodichloromethane
 Concen: 0.40 ug/l
 RT: 9.40 min Scan# 2429
 Delta R.T. -0.00 min
 Lab File: VN049832.D
 Acq: 14 Jul 2018 7:14

Tgt Ion: 83 Resp: 9635
 Ion Ratio Lower Upper
 83 100
 85 58.3 50.5 75.7
 127 9.2 6.8 10.2





#50

Toluene-d8

Concen: 51.75 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049832.D

Acq: 14 Jul 2018 7:14

Instrument :

MSVOA_N

ClientSampleId :

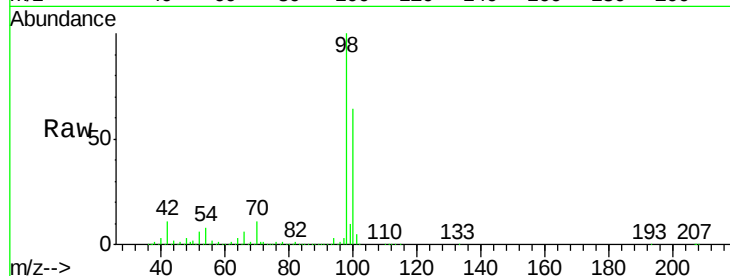
PAR-8

Tot Ion: 98 Resp: 2649015

Ion Ratio Lower Upper

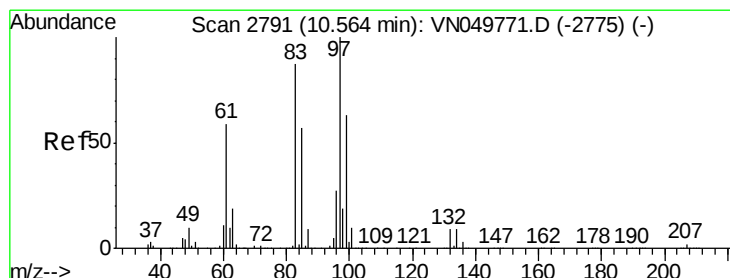
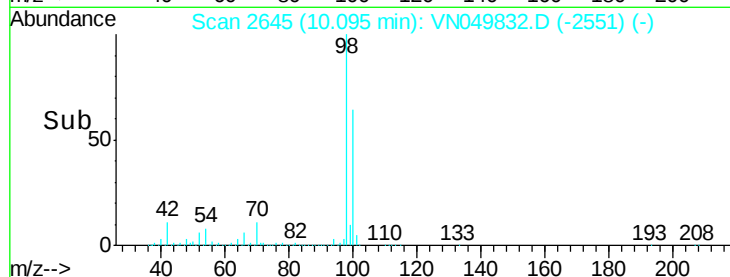
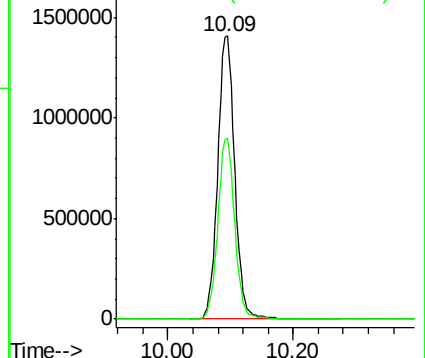
98 100

100 63.3 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#55

1,1,2-Trichloroethane

Concen: Below Cal

RT: 10.57 min Scan# 2794

Delta R.T. 0.01 min

Lab File: VN049832.D

Acq: 14 Jul 2018 7:14

Tgt Ion: 97 Resp: 1120

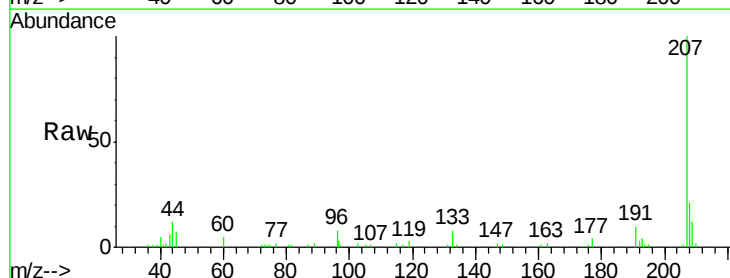
Ion Ratio Lower Upper

97 100

83 0.0 69.0 103.6#

85 0.0 44.9 67.3#

99 0.0 49.8 74.6#

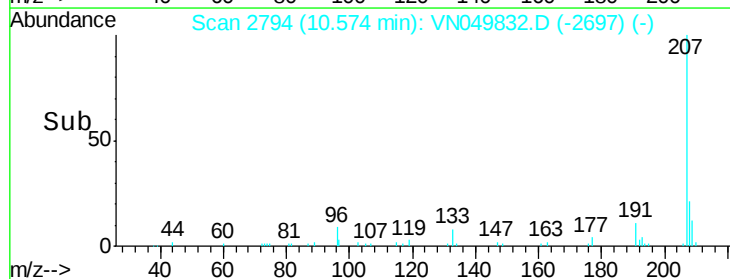
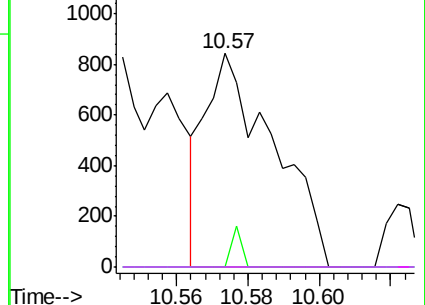


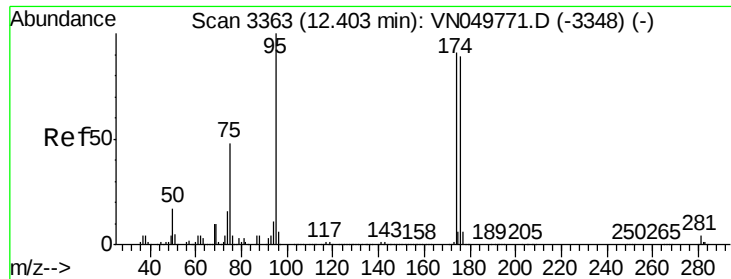
Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

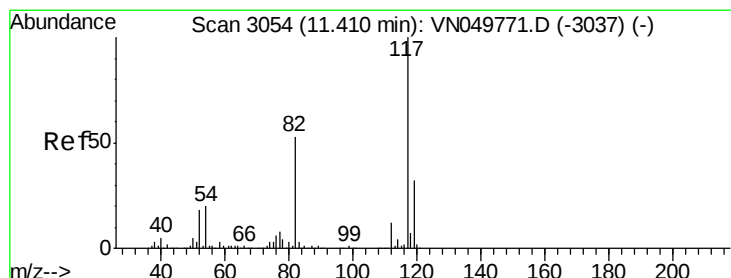
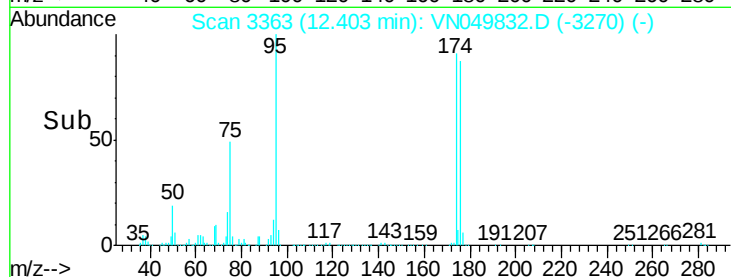
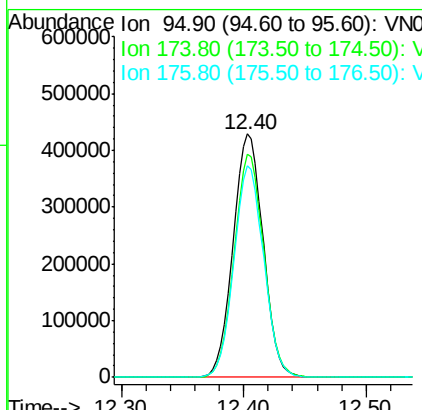
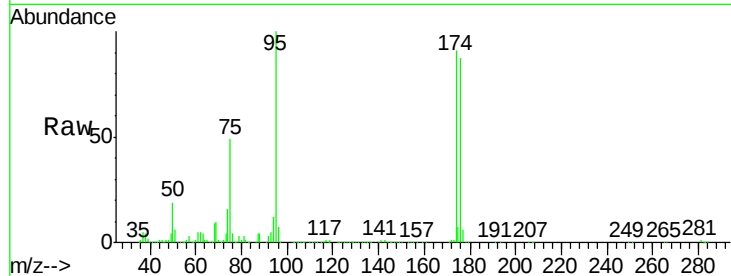




#62
4-Bromofluorobenzene
Concen: 39.98 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049832.D
Acq: 14 Jul 2018 7:14

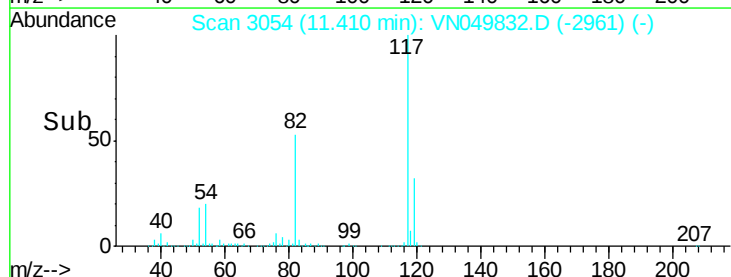
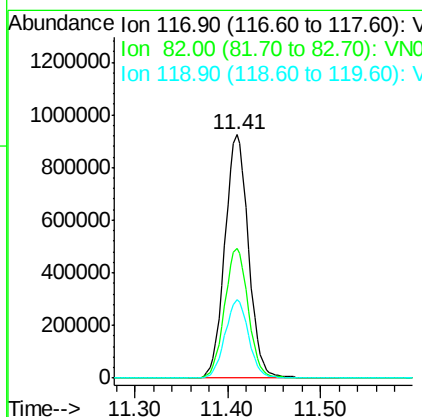
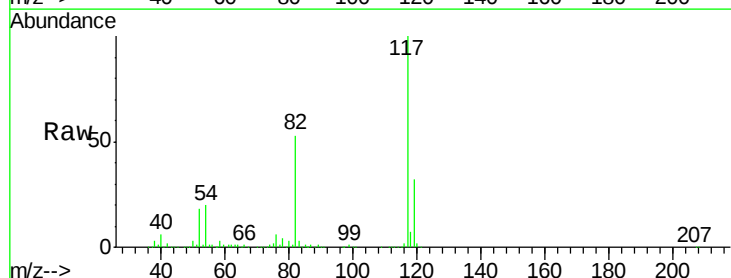
Instrument :
MSVOA_N
ClientSampled :
PAR-8

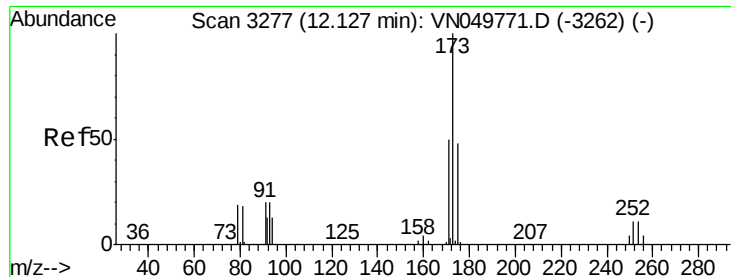
Tot Ion: 95 Resp: 730833
Ion Ratio Lower Upper
95 100
174 91.0 0.0 179.6
176 86.3 0.0 174.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049832.D
Acq: 14 Jul 2018 7:14

Tgt Ion: 117 Resp: 1631405
Ion Ratio Lower Upper
117 100
82 53.5 41.9 62.9
119 32.1 25.4 38.2

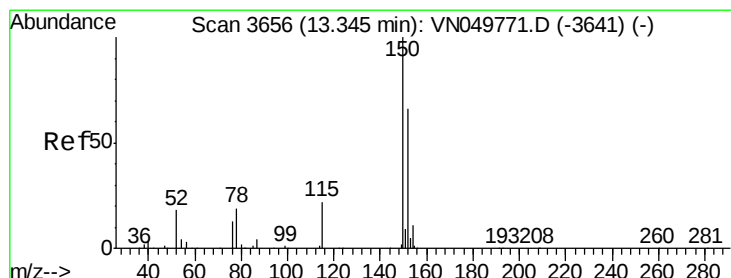
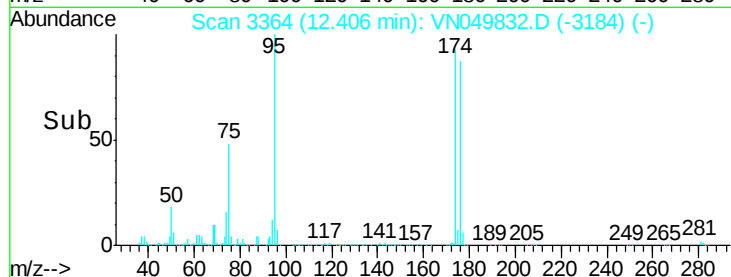
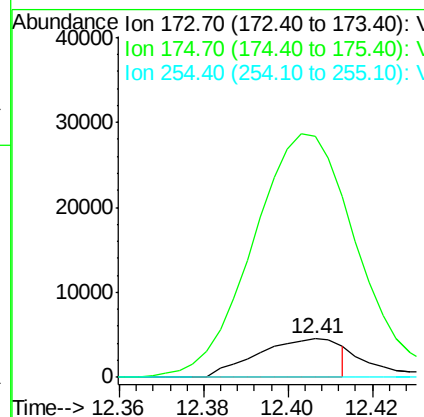
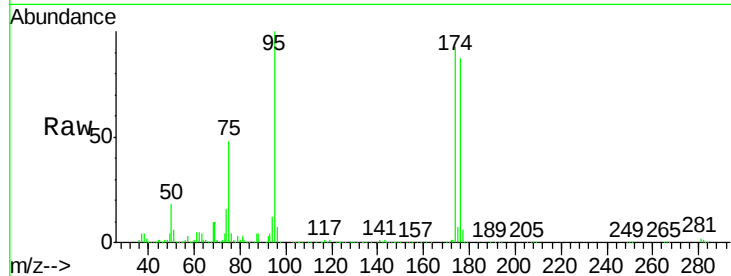




#71
Bromoform
Concen: 0.58 ug/l
RT: 12.41 min Scan# 3364
Delta R.T. 0.28 min
Lab File: VN049832.D
Acq: 14 Jul 2018 7:14

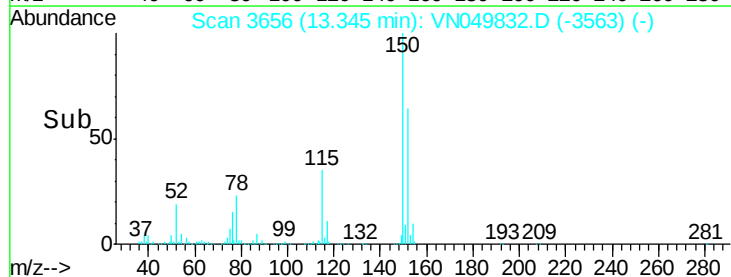
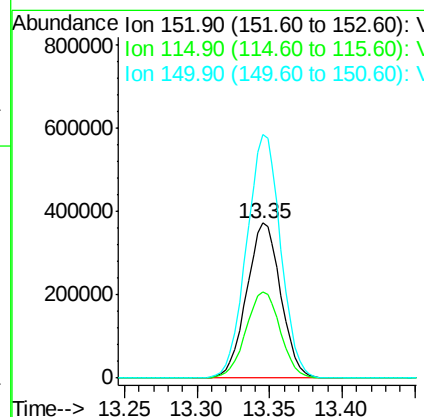
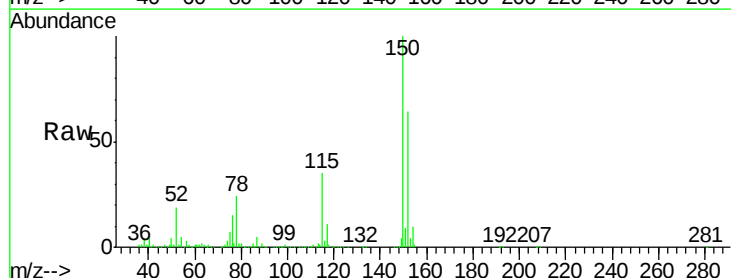
Instrument :
MSVOA_N
ClientSampled :
PAR-8

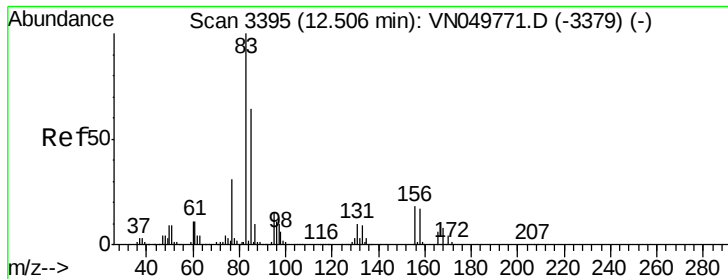
Tot Ion:173 Resp: 6235
Ion Ratio Lower Upper
173 100
175 644.6 24.6 73.8#
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN049832.D
Acq: 14 Jul 2018 7:14

Tgt Ion:152 Resp: 609708
Ion Ratio Lower Upper
152 100
115 56.4 28.1 84.2
150 156.4 0.0 347.6





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.50 min Scan# 3392

Delta R.T. -0.01 min

Lab File: VN049832.D

Acq: 14 Jul 2018 7:14

Instrument :

MSVOA_N

ClientSampled :

PAR-8

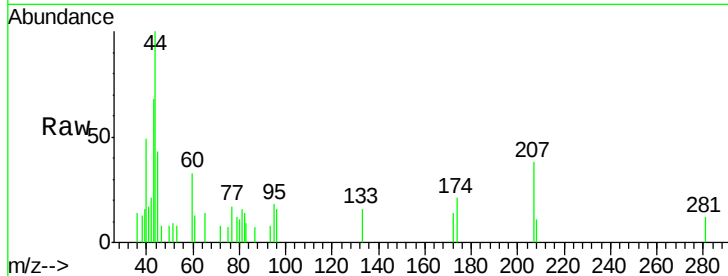
Tot Ion: 83 Resp: 100

Ion Ratio Lower Upper

83 100

131 0.0 5.2 15.6#

85 0.0 32.5 97.4#

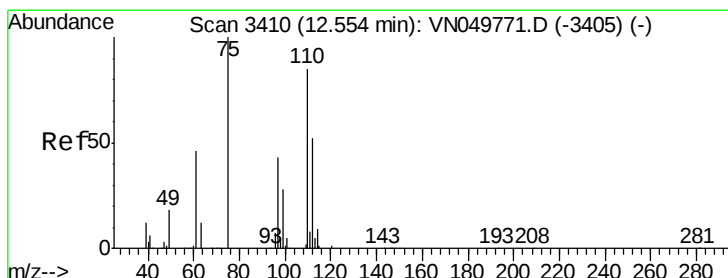
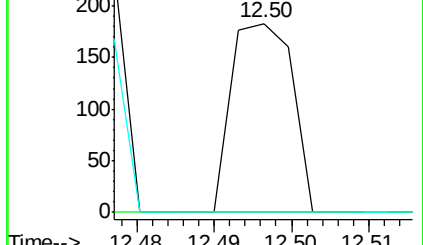
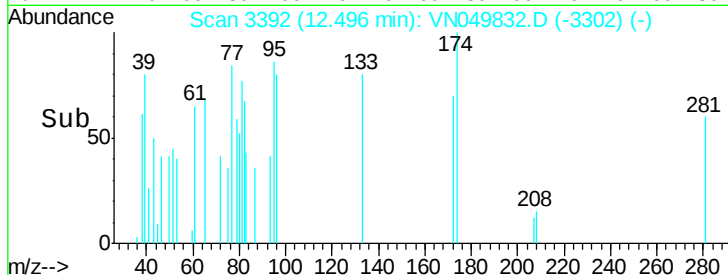


Abundance Ion 82.90 (82.60 to 83.60): VN049771.D (-3379) (-)

Ion 130.80 (130.50 to 131.50): VN049771.D (-3379) (-)

Ion 84.90 (84.60 to 85.60): VN049771.D (-3379) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 32.86 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049832.D

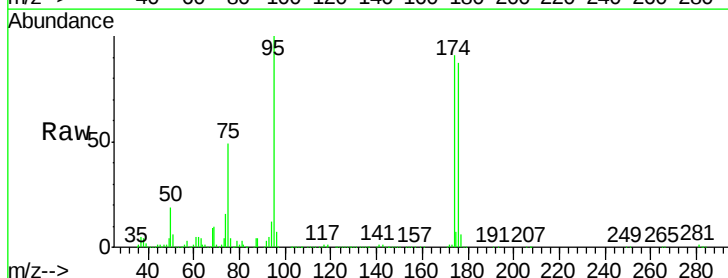
Acq: 14 Jul 2018 7:14

Tgt Ion: 75 Resp: 355963

Ion Ratio Lower Upper

75 100

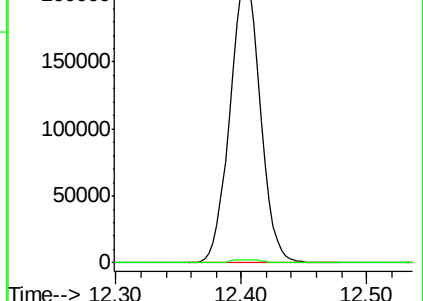
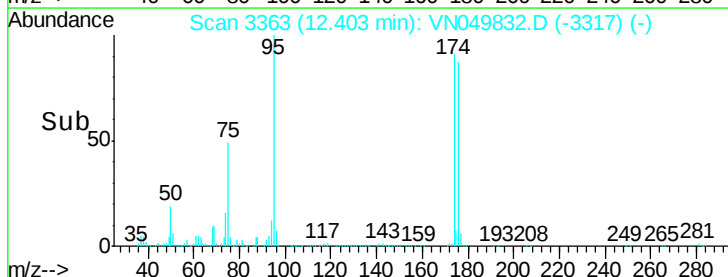
77 0.6 0.0 0.0#

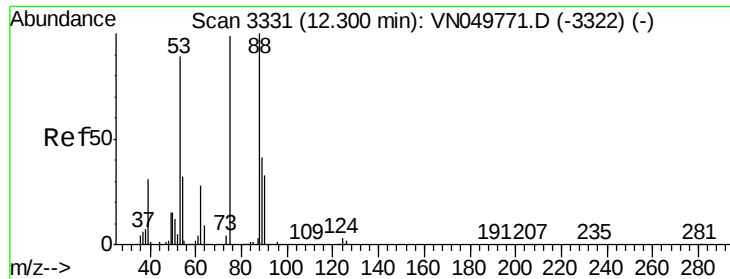


Abundance Ion 74.90 (74.60 to 75.60): VN049832.D (-3317) (-)

Ion 77.00 (76.70 to 77.70): VN049832.D (-3317) (-)

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 106.13 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049832.D

Acq: 14 Jul 2018 7:14

Instrument :

MSVOA_N

ClientSampled :

PAR-8

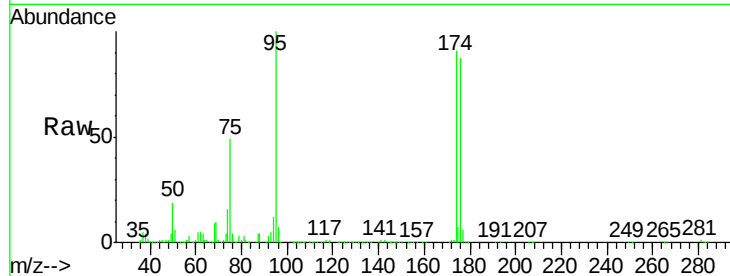
Tot Ion: 75 Resp: 355963

Ion Ratio Lower Upper

75 100

53 0.3 73.9 110.9#

89 0.0 35.9 53.9#



Abundance Ion 74.90 (74.60 to 75.60): VN049771.D (-3322) (-)

Ion 53.00 (52.70 to 53.70): VN049771.D (-3322) (-)

Ion 88.90 (88.60 to 89.60): VN049771.D (-3322) (-)

12.40

250000

200000

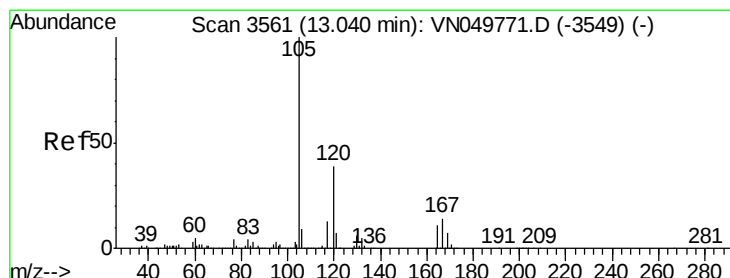
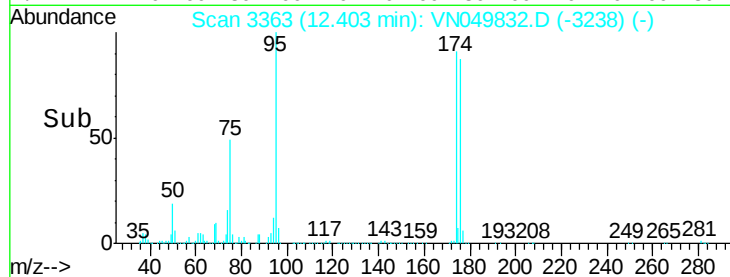
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#84

1,2,4-Trimethylbenzene

Concen: 0.33 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049832.D

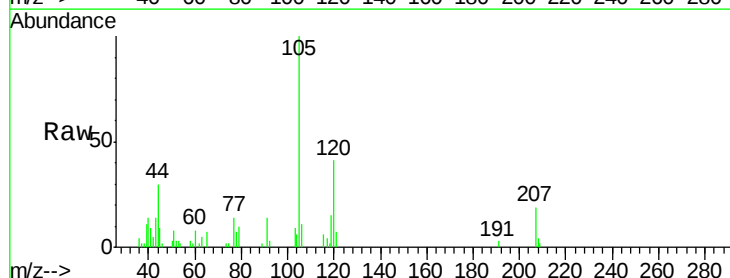
Acq: 14 Jul 2018 7:14

Tgt Ion: 105 Resp: 13159

Ion Ratio Lower Upper

105 100

120 39.5 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): VN049771.D (-3549) (-)

Ion 120.00 (119.70 to 120.70): VN049771.D (-3549) (-)

13.04

8000

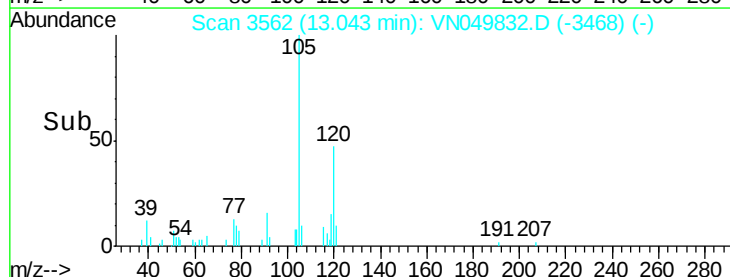
6000

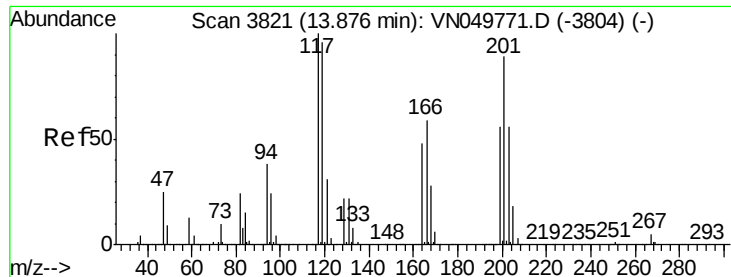
4000

2000

0

Time--> 13.00 13.05 13.10





#90

Hexachloroethane

Concen: Below Cal

RT: 13.90 min Scan# 3827

Delta R.T. 0.02 min

Lab File: VN049832.D

Acq: 14 Jul 2018 7:14

Instrument :

MSVOA_N

ClientSampleId :

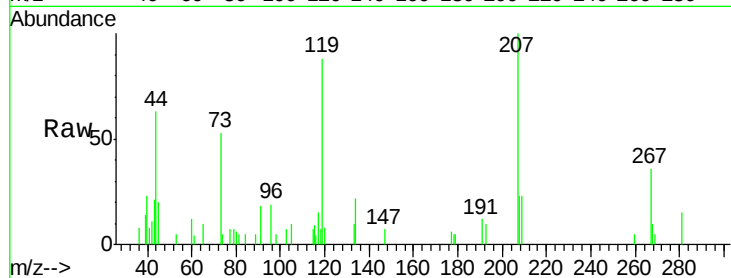
PAR-8

Tot Ion:117 Resp: 567

Ion Ratio Lower Upper

117 100

201 0.0 45.3 135.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

13.90

500

400

300

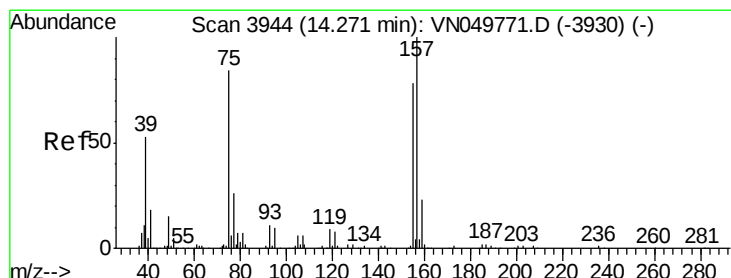
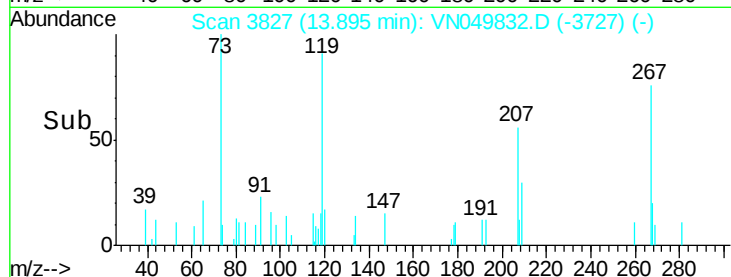
200

100

0

Time-->

13.86 13.88 13.90 13.92



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.27 min Scan# 3944

Delta R.T. 0.00 min

Lab File: VN049832.D

Acq: 14 Jul 2018 7:14

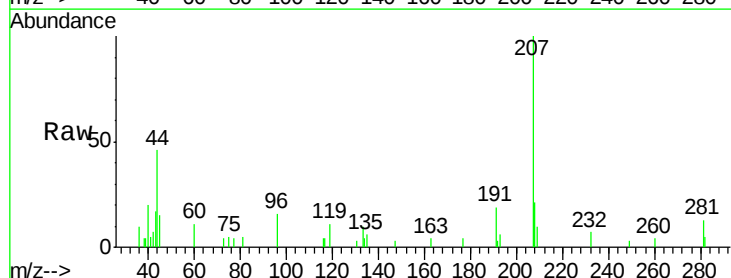
Tgt Ion: 75 Resp: 195

Ion Ratio Lower Upper

75 100

155 0.0 45.7 137.1#

157 0.0 56.9 170.7#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

300

250

200

150

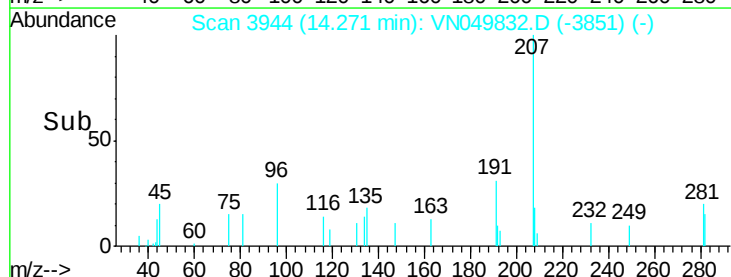
100

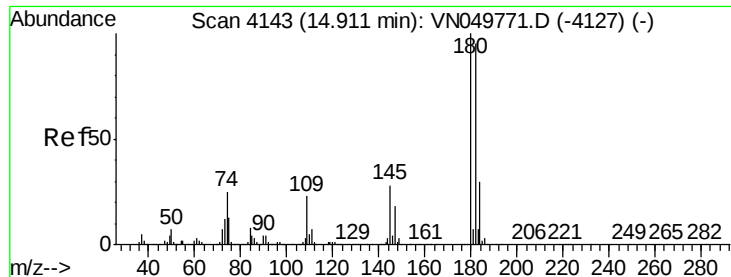
50

0

Time-->

14.26 14.28

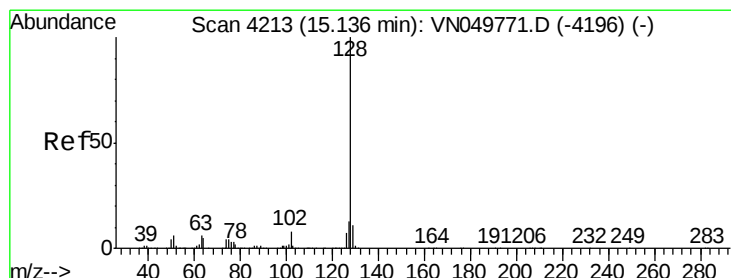
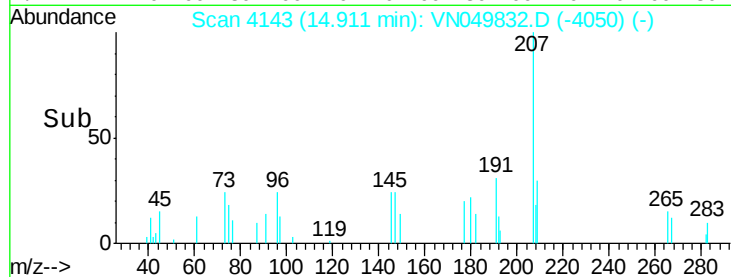
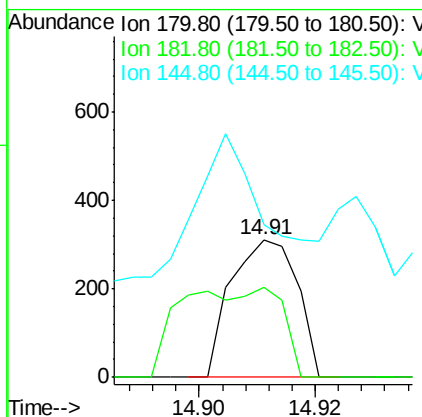
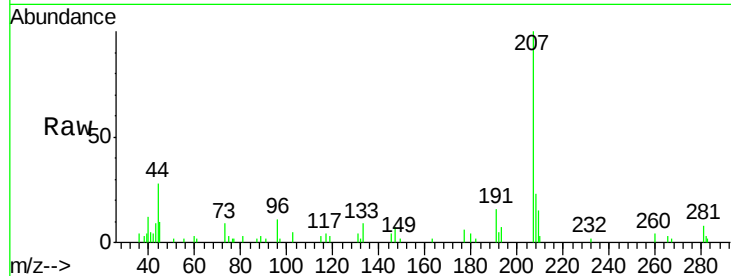




#93
 1,2,4-Trichlorobenzene
 Concen: 2.91 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN049832.D
 Acq: 14 Jul 2018 7:14

Instrument :
 MSVOA_N
 ClientSampled :
 PAR-8

Tot Ion:180 Resp: 245
 Ion Ratio Lower Upper
 180 100
 182 56.3 47.3 141.9
 145 347.8 14.4 43.0#



#95
 Naphthalene
 Concen: 6.70 ug/l
 RT: 15.14 min Scan# 4213
 Delta R.T. 0.00 min
 Lab File: VN049832.D
 Acq: 14 Jul 2018 7:14

Tgt Ion:128 Resp: 78529
 Ion Ratio Lower Upper
 128 100
 127 13.4 10.4 15.6
 129 11.5 8.6 13.0

