

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112918\
 Data File : VN052554.D
 Acq On : 29 Nov 2018 10:18
 Operator : MD\SY
 Sample : VN1129MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1129MBL01

Quant Time: Nov 30 00:16:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 28 01:11:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1374819	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2090813	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1763962	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	642586	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	701451	46.86	ug/l	0.00
Spiked Amount			Recovery	=	93.72%	
35) Dibromofluoromethane	7.59	113	637990	49.50	ug/l	0.00
Spiked Amount			Recovery	=	99.00%	
50) Toluene-d8	10.09	98	2507048	49.97	ug/l	0.00
Spiked Amount			Recovery	=	99.94%	
62) 4-Bromofluorobenzene	12.40	95	766961	45.49	ug/l	0.00
Spiked Amount			Recovery	=	90.98%	

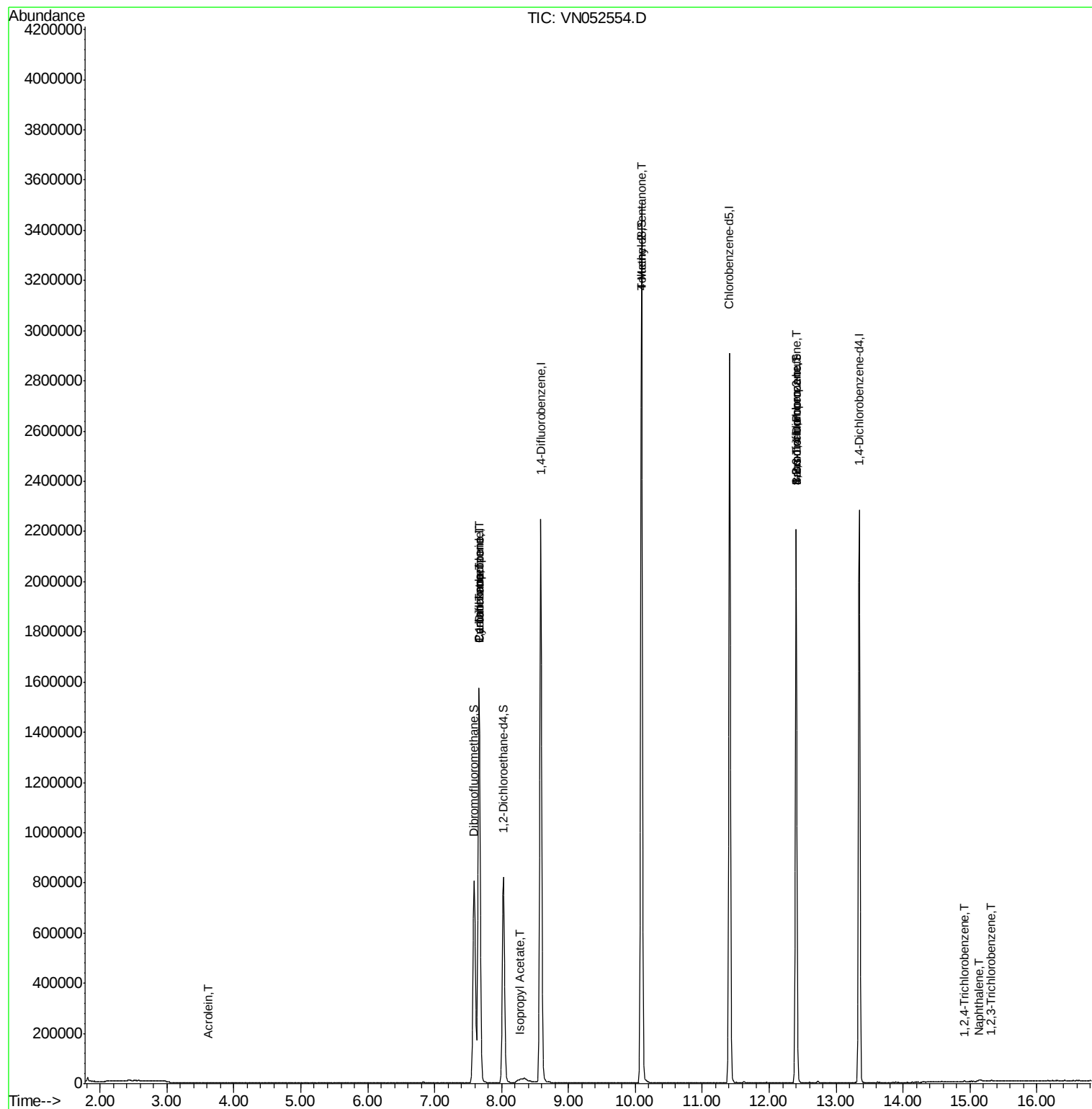
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.61	56	186	33.598	ug/l #	73
31) Cyclohexane	7.66	56	23628	0.556	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	94295	4.776	ug/l #	49
38) Carbon Tetrachloride	7.67	117	123603	6.915	ug/l #	16
43) Isopropyl Acetate	8.27	43	14796	0.726	ug/l #	51
51) 4-Methyl-2-Pentanone	10.09	43	10022	0.876	ug/l #	1
71) Bromoform	12.40	173	3945	0.471	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	364153	36.750	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	364153	122.726	ug/l #	11
93) 1,2,4-Trichlorobenzene	14.91	180	1100	2.921	ug/l #	81
95) Naphthalene	15.13	128	3047	3.546	ug/l #	89
96) 1,2,3-Trichlorobenzene	15.32	180	1102	2.826	ug/l	76

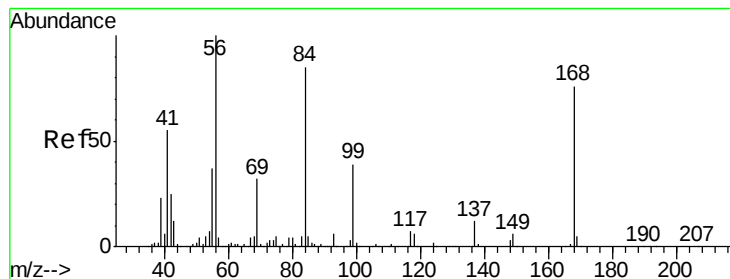
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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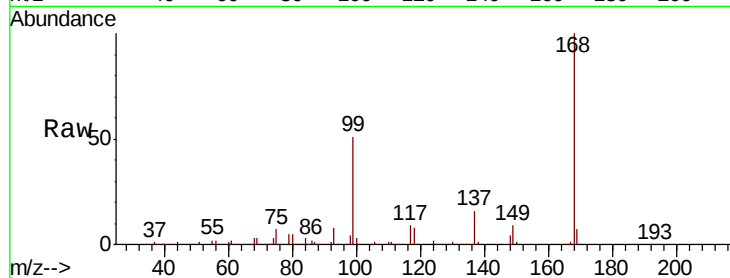




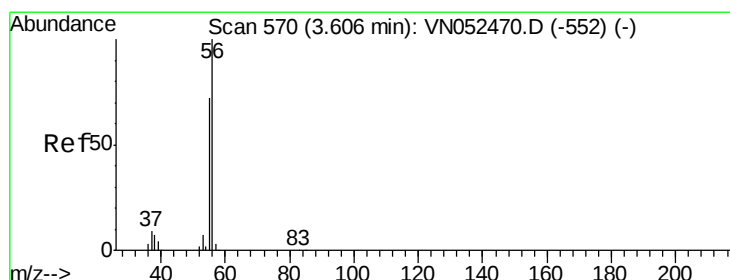
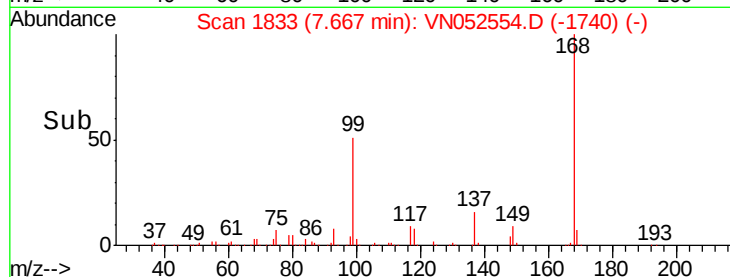
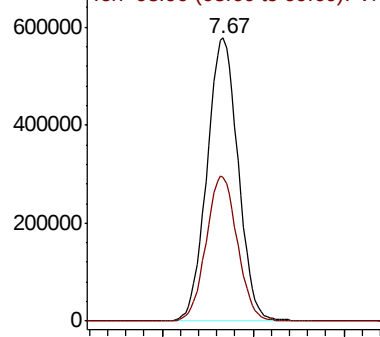
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN052554.D
Acq: 29 Nov 2018 10:18

Instrument :
MSVOA_N
ClientSampleId :
VN1129MBL01

Tot Ion:168 Resp: 1374819
Ion Ratio Lower Upper
168 100
99 51.0 41.7 62.5

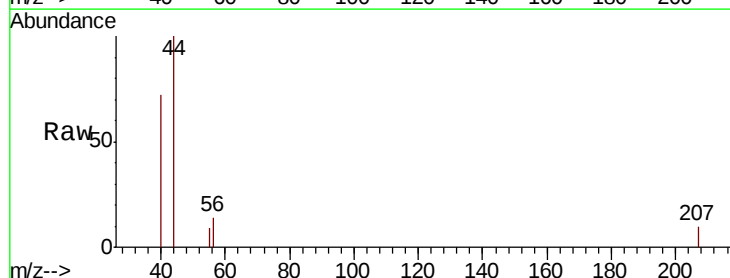


Abundance Ion 167.90 (167.60 to 168.60): VN052554.D (-1740) (-)
Ion 98.90 (98.60 to 99.60): VN052554.D (-1740) (-)

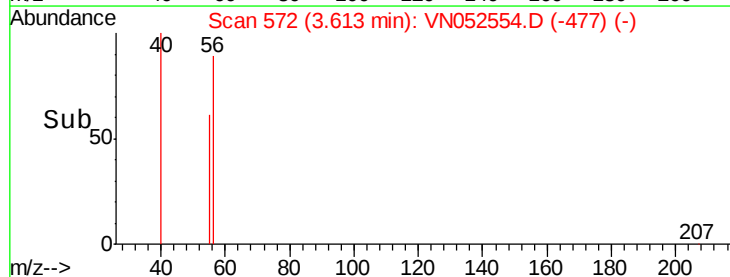
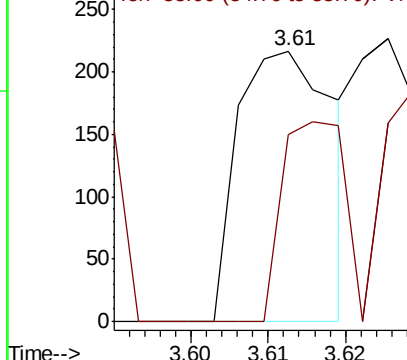


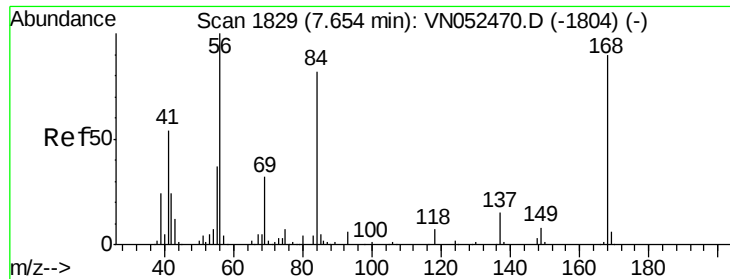
#13
Acrolein
Concen: 33.598 ug/l
RT: 3.61 min Scan# 572
Delta R.T. 0.01 min
Lab File: VN052554.D
Acq: 29 Nov 2018 10:18

Tgt Ion: 56 Resp: 186
Ion Ratio Lower Upper
56 100
55 48.4 56.8 85.2#



Abundance Ion 56.00 (55.70 to 56.70): VN052554.D (-477) (-)
Ion 55.00 (54.70 to 55.70): VN052554.D (-477) (-)





#31

Cyclohexane

Concen: 0.556 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN052554.D

Acq: 29 Nov 2018 10:18

Instrument :

MSVOA_N

ClientSampled :

VN1129MBL01

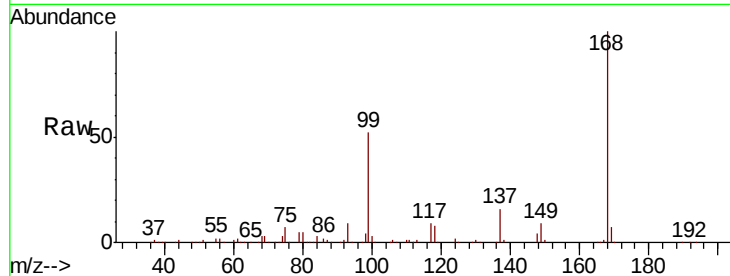
Tot Ion: 56 Resp: 23628

Ion Ratio Lower Upper

56 100

69 185.4 25.8 38.6#

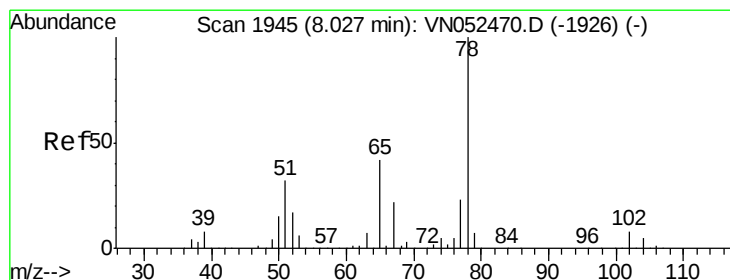
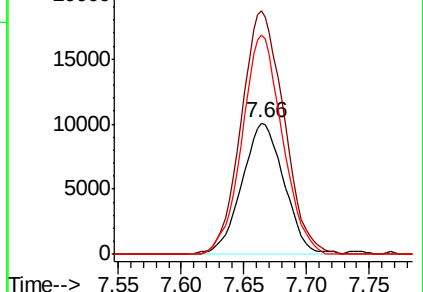
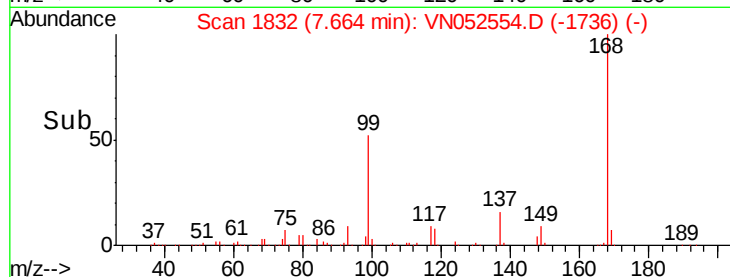
84 167.1 65.3 97.9#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN052554.D

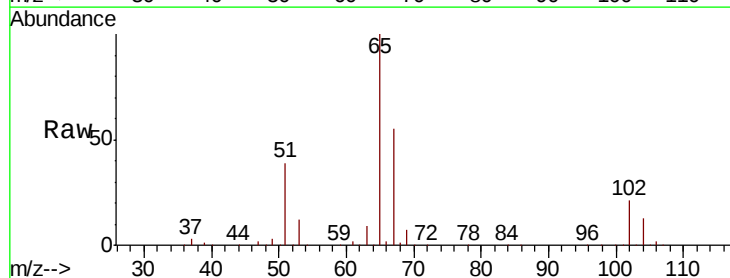
Acq: 29 Nov 2018 10:18

Tgt Ion: 65 Resp: 701451

Ion Ratio Lower Upper

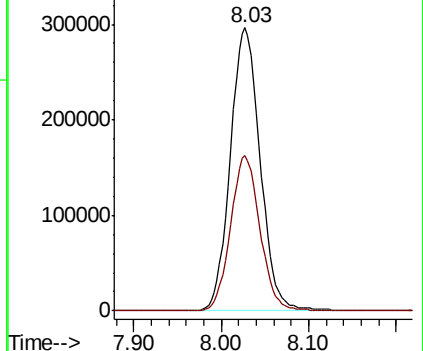
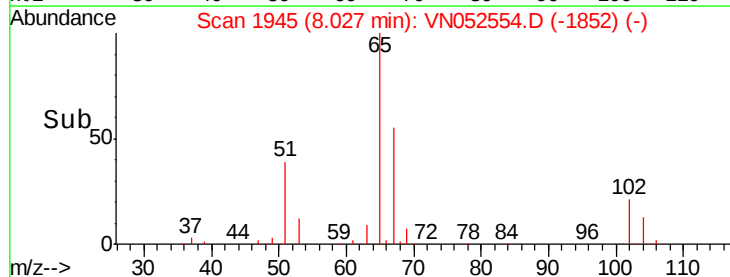
65 100

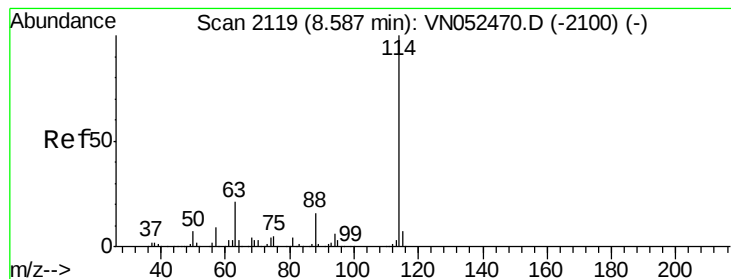
67 54.3 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN052554.D

Acq: 29 Nov 2018 10:18

Instrument :

MSVOA_N

ClientSampleId :

VN1129MBL01

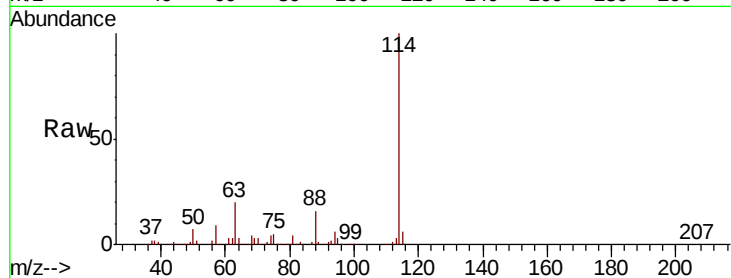
Tot Ion:114 Resp: 2090813

Ion Ratio Lower Upper

114 100

63 19.7 0.0 41.8

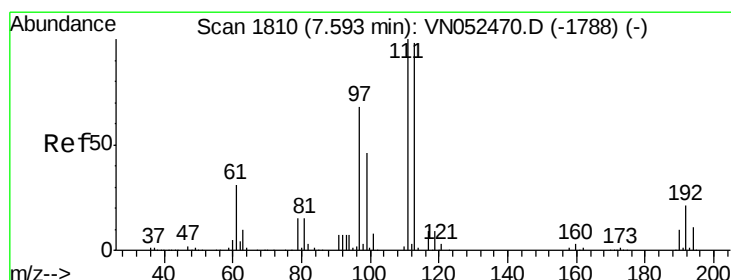
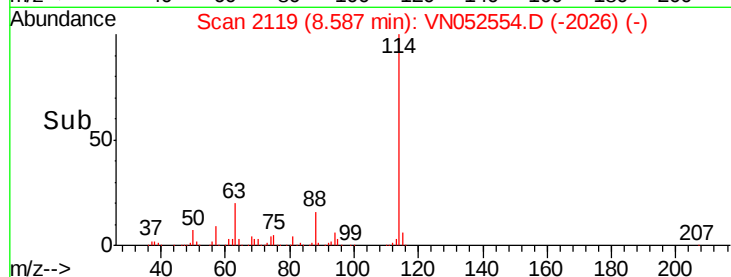
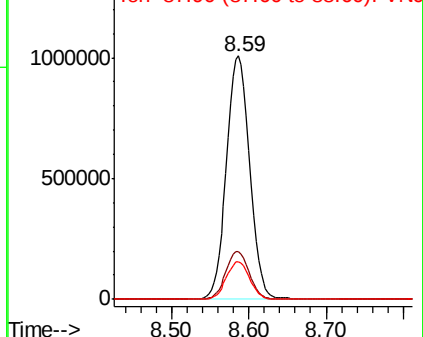
88 15.6 0.0 31.6



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: VN052554.D

Acq: 29 Nov 2018 10:18

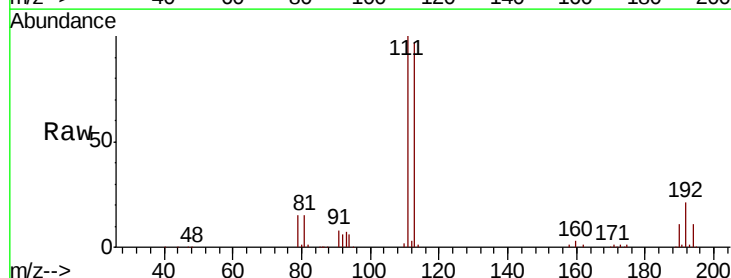
Tgt Ion:113 Resp: 637990

Ion Ratio Lower Upper

113 100

111 103.0 82.0 123.0

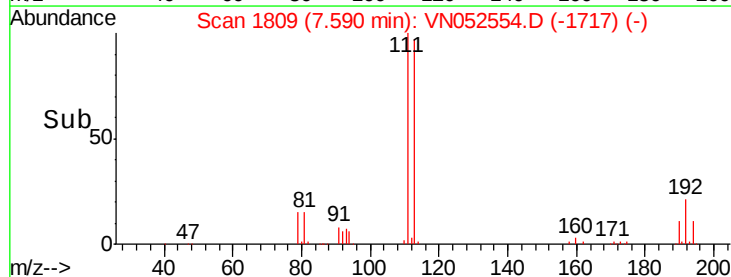
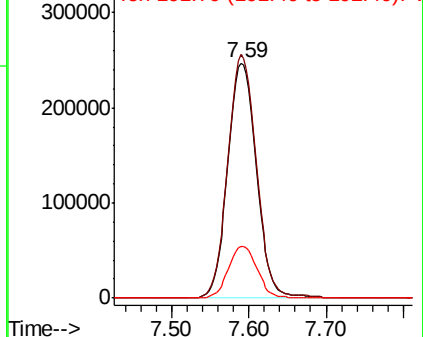
192 22.0 17.0 25.6

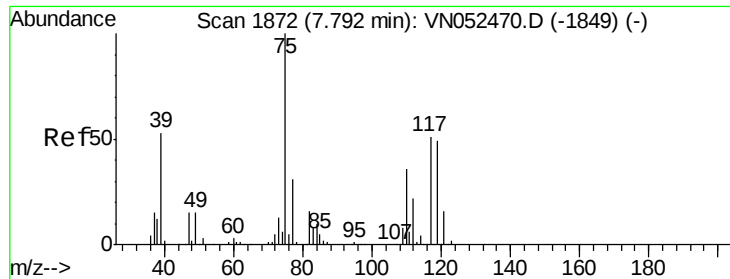


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

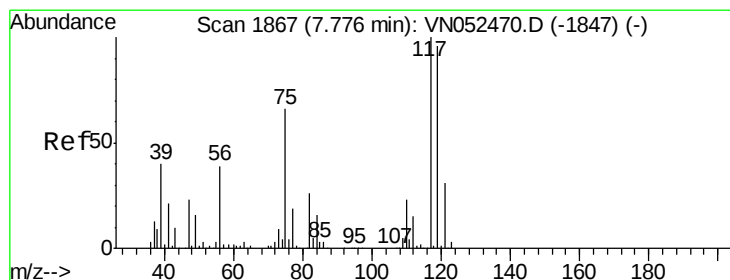
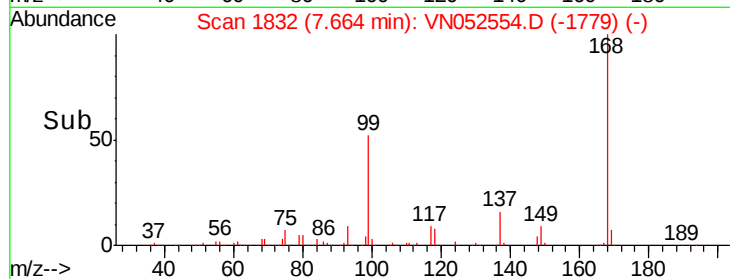
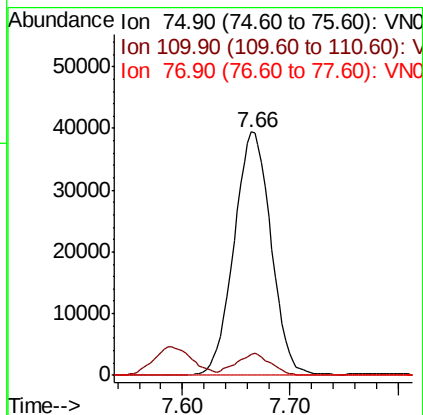
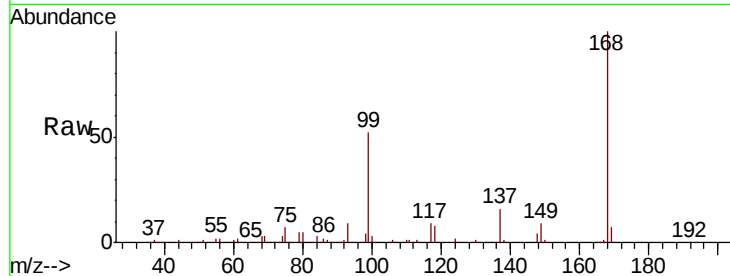




#36
 1,1-Dichloropropene
 Concen: 4.776 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN052554.D
 Acq: 29 Nov 2018 10:18

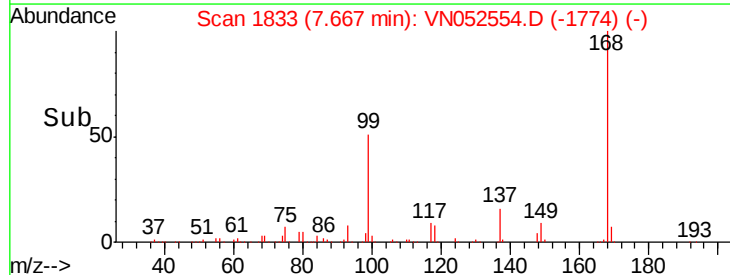
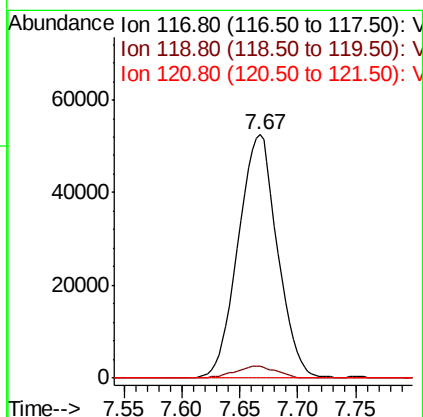
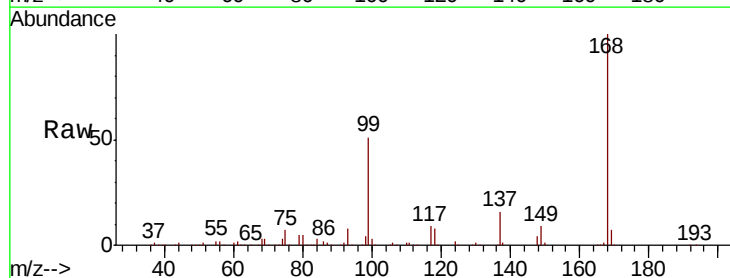
Instrument :
 MSVOA_N
 ClientSampled :
 VN1129MBL01

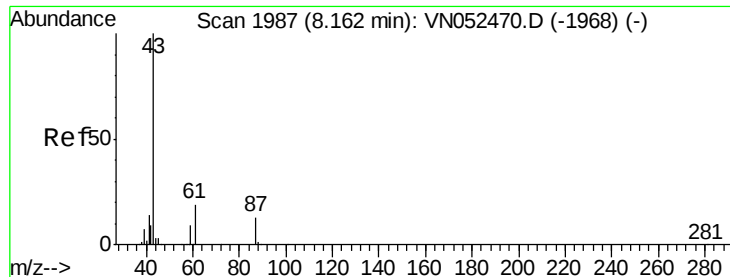
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.4	17.5	52.6#
77	0.0	24.5	36.7#



#38
 Carbon Tetrachloride
 Concen: 6.915 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN052554.D
 Acq: 29 Nov 2018 10:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.9	76.8	115.2#
121	0.0	24.9	37.3#





#43

Isopropyl Acetate

Concen: 0.726 ug/l

RT: 8.27 min Scan# 2019

Delta R.T. 0.10 min

Lab File: VN052554.D

Acq: 29 Nov 2018 10:18

Instrument :

MSVOA_N

ClientSampleId :

VN1129MBL01

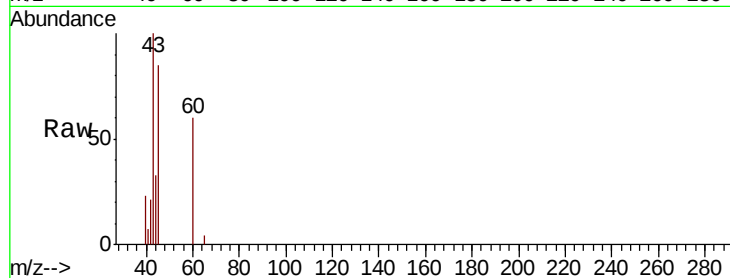
Tot Ion: 43 Resp: 14796

Ion Ratio Lower Upper

43 100

61 0.0 24.1 36.1#

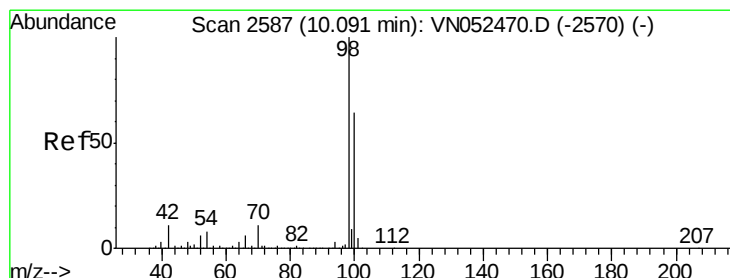
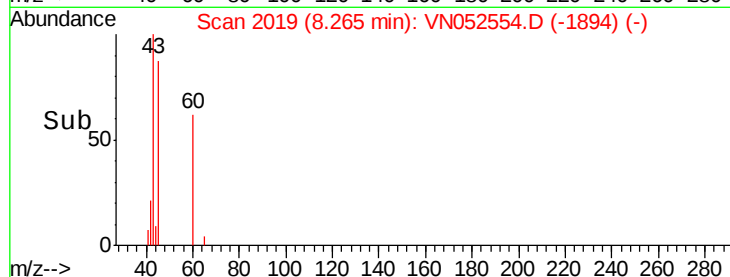
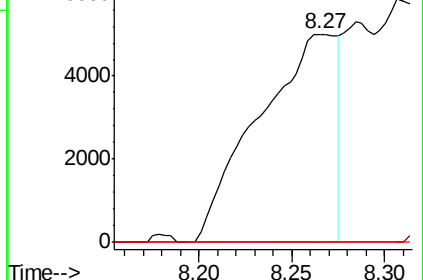
87 0.0 10.6 15.8#



Abundance Ion 43.00 (42.70 to 43.70): VN052470.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN052470.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN052470.D (-1968) (-)



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052554.D

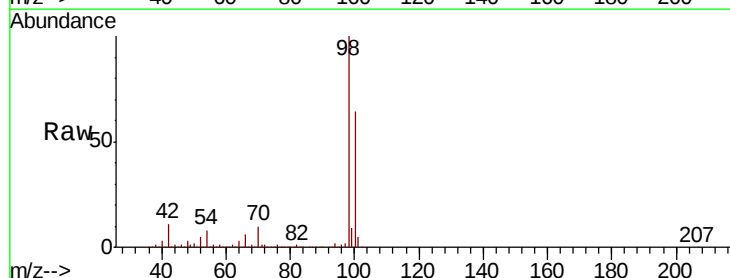
Acq: 29 Nov 2018 10:18

Tgt Ion: 98 Resp: 2507048

Ion Ratio Lower Upper

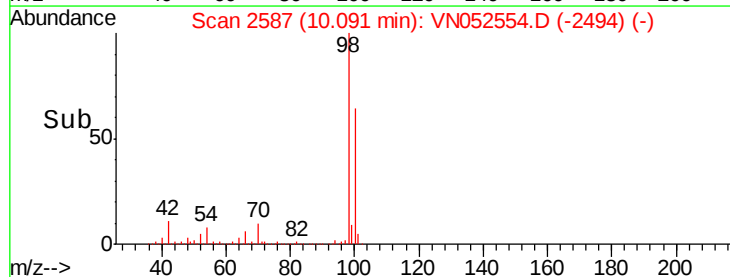
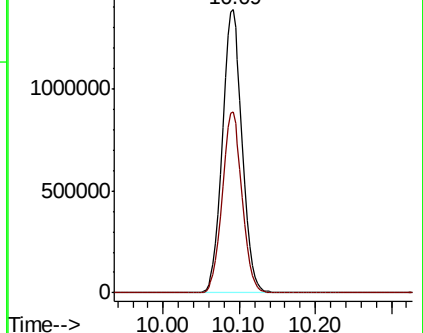
98 100

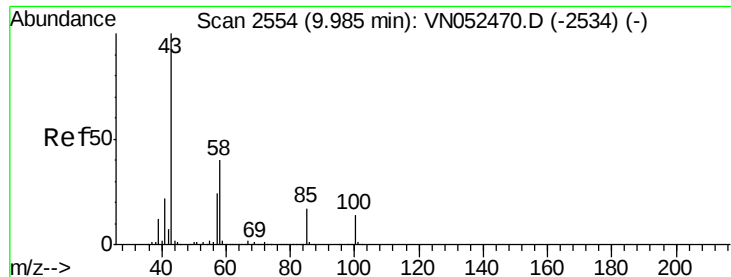
100 64.0 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN052470.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN052470.D (-2570) (-)





#51

4-Methyl-2-Pentanone

Concen: 0.876 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.11 min

Lab File: VN052554.D

Acq: 29 Nov 2018 10:18

Instrument :

MSVOA_N

ClientSampled :

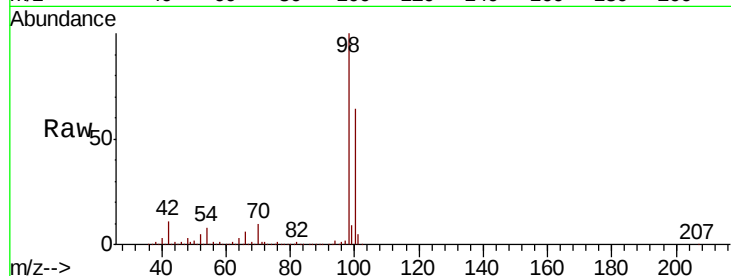
VN1129MBL01

Tot Ion: 43 Resp: 10022

Ion Ratio Lower Upper

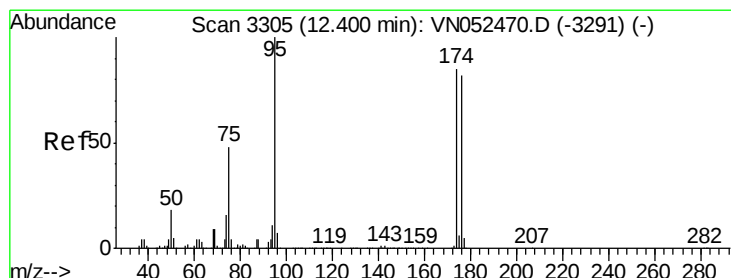
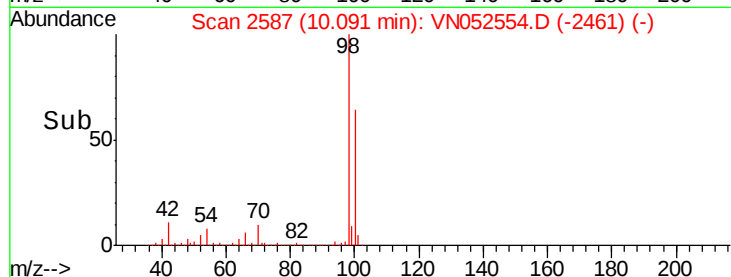
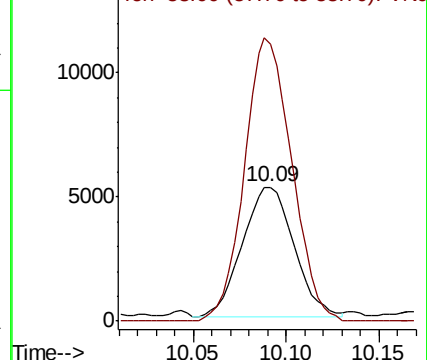
43 100

58 201.5 31.5 47.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052554.D

Acq: 29 Nov 2018 10:18

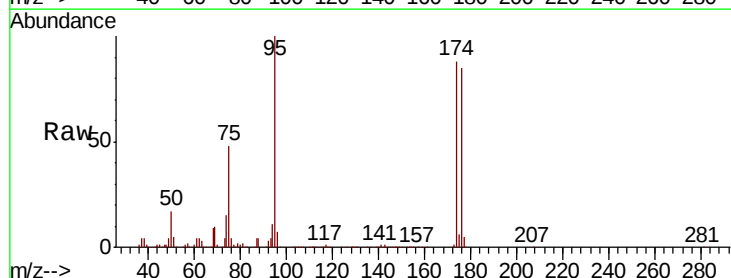
Tgt Ion: 95 Resp: 766961

Ion Ratio Lower Upper

95 100

174 87.4 0.0 173.0

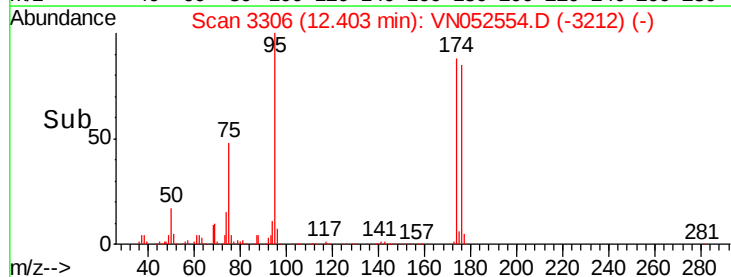
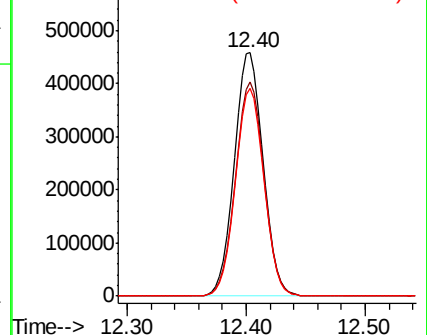
176 84.9 0.0 166.2

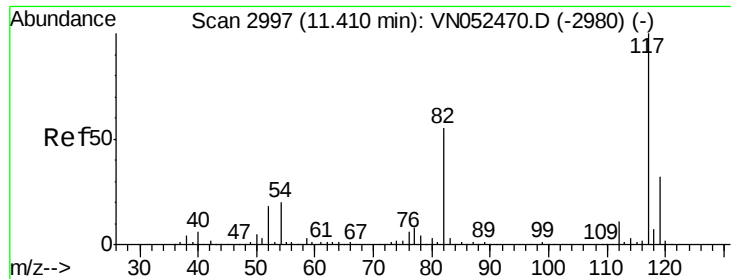


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

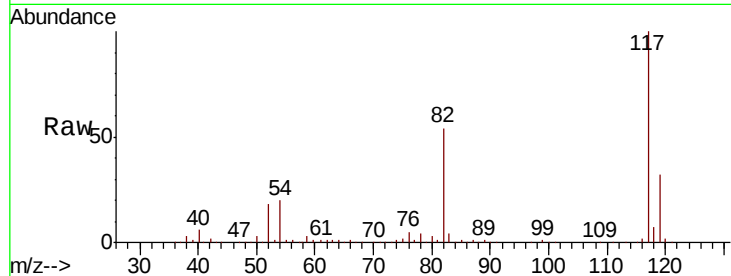




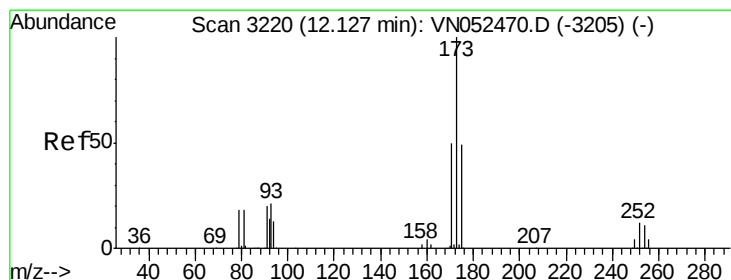
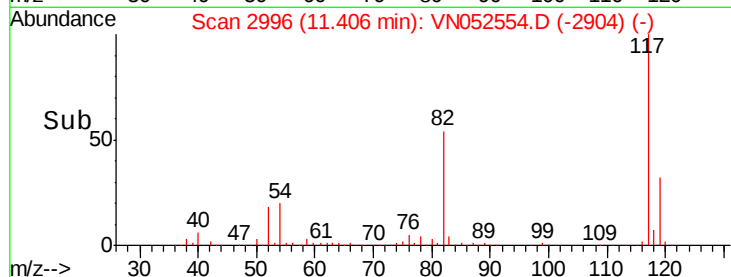
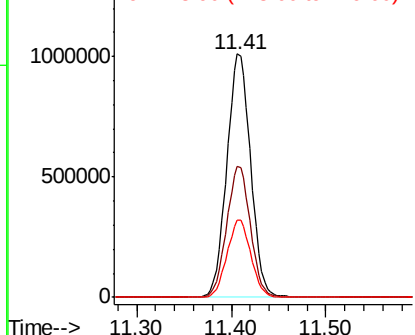
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052554.D
Acq: 29 Nov 2018 10:18

Instrument :
MSVOA_N
ClientSampled :
VN1129MBL01

Tot Ion:117 Resp: 1763962
Ion Ratio Lower Upper
117 100
82 54.0 43.6 65.4
119 31.6 25.4 38.2

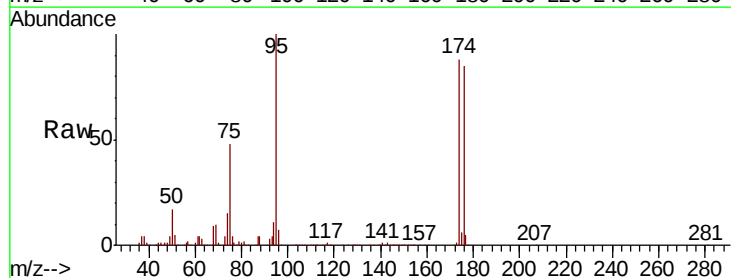


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN0
Ion 118.90 (118.60 to 119.60): V

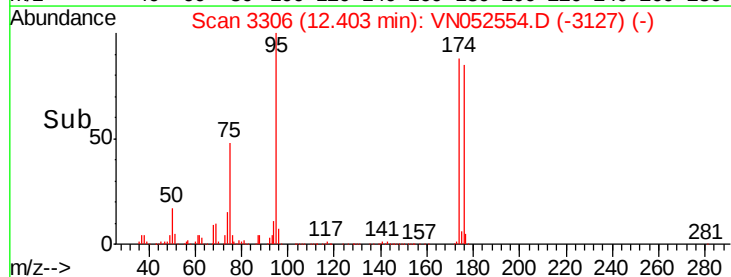
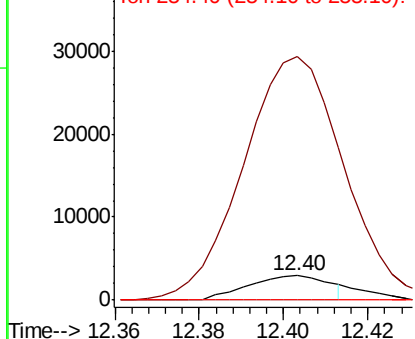


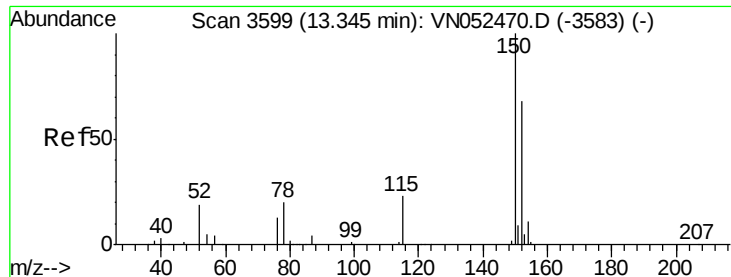
#71
Bromoform
Concen: 0.471 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN052554.D
Acq: 29 Nov 2018 10:18

Tgt Ion:173 Resp: 3945
Ion Ratio Lower Upper
173 100
175 1065.7 24.4 73.2#
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: VN052554.D

Acq: 29 Nov 2018 10:18

Instrument :

MSVOA_N

ClientSampleId :

VN1129MBL01

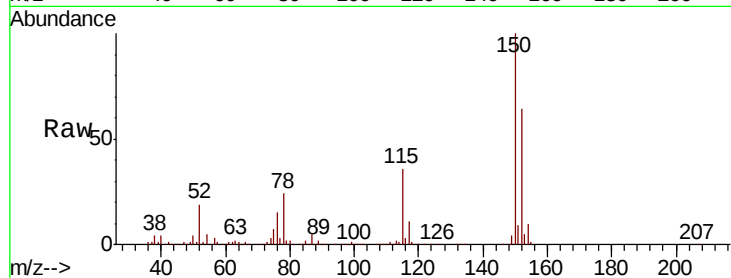
Tot Ion:152 Resp: 642586

Ion Ratio Lower Upper

152 100

115 56.7 28.4 85.2

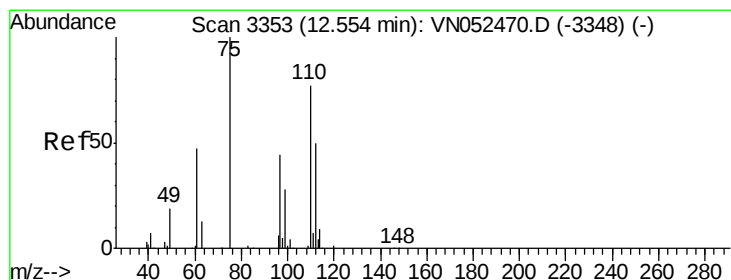
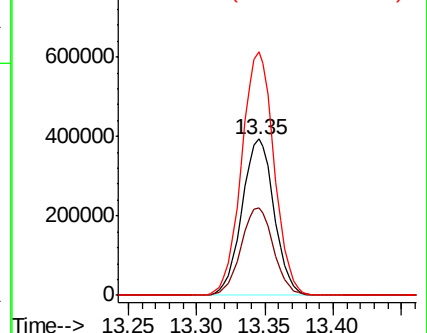
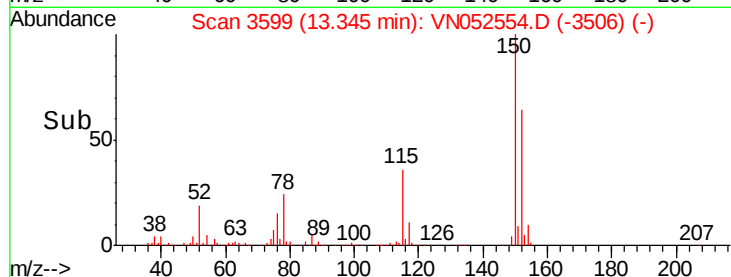
150 157.6 0.0 346.0



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: 36.750 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN052554.D

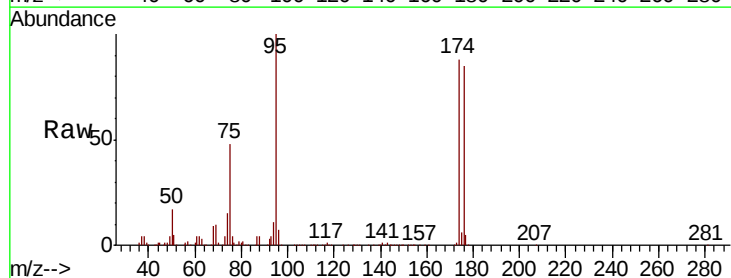
Acq: 29 Nov 2018 10:18

Tgt Ion: 75 Resp: 364153

Ion Ratio Lower Upper

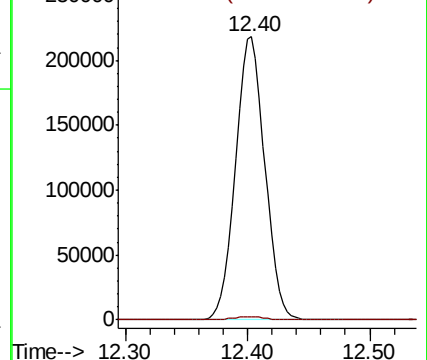
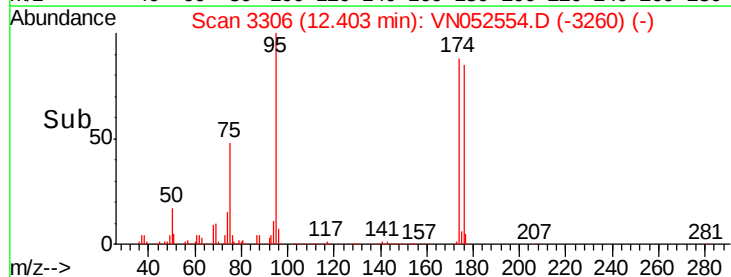
75 100

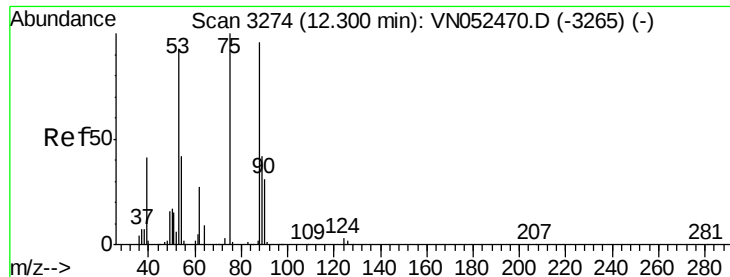
77 1.2 0.0 0.0#



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: 122.726 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN052554.D

Acq: 29 Nov 2018 10:18

Instrument :

MSVOA_N

ClientSampleId :

VN1129MBL01

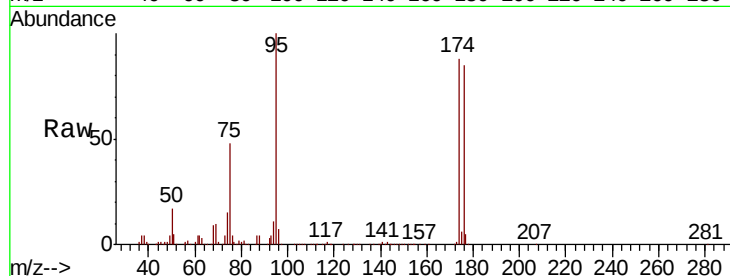
Tot Ion: 75 Resp: 364153

Ion Ratio Lower Upper

75 100

53 0.0 77.4 116.0#

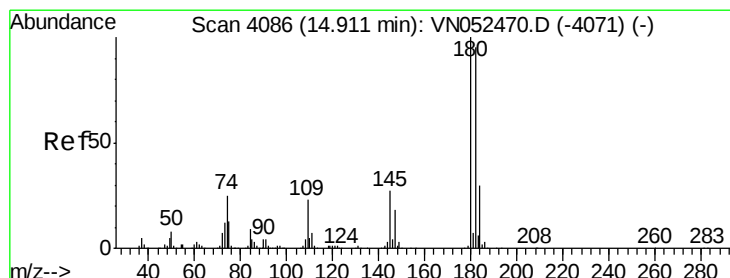
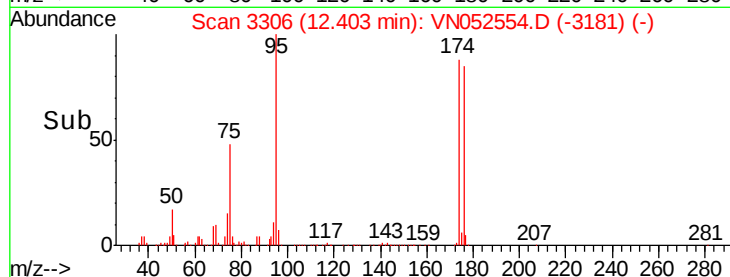
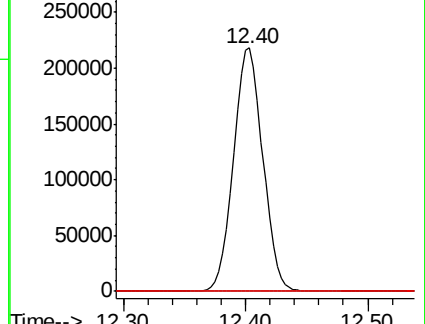
89 0.0 35.4 53.2#



Abundance Ion 74.90 (74.60 to 75.60): VN052470.D (-3265) (-)

Ion 53.00 (52.70 to 53.70): VN052470.D (-3265) (-)

Ion 88.90 (88.60 to 89.60): VN052470.D (-3265) (-)



#93

1,2,4-Trichlorobenzene

Concen: 2.921 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. -0.00 min

Lab File: VN052554.D

Acq: 29 Nov 2018 10:18

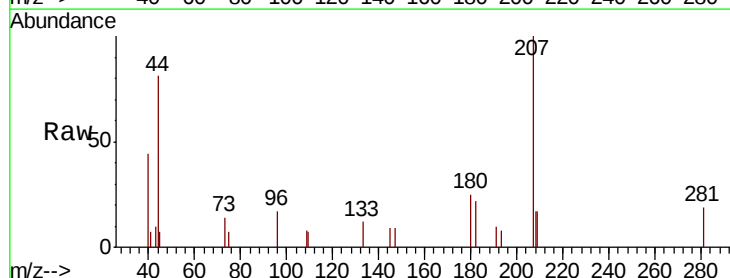
Tgt Ion: 180 Resp: 1100

Ion Ratio Lower Upper

180 100

182 81.6 47.8 143.4

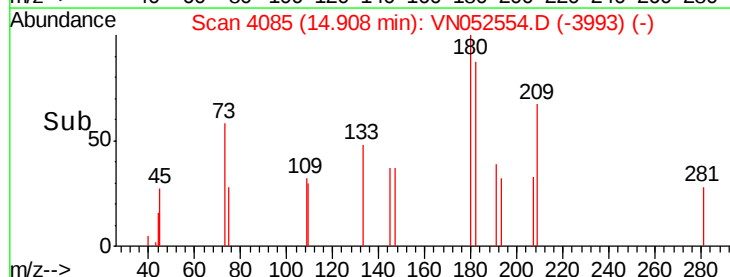
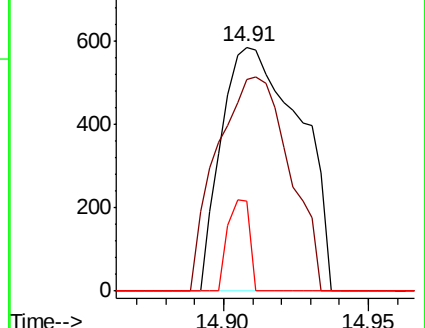
145 10.4 14.1 42.3#

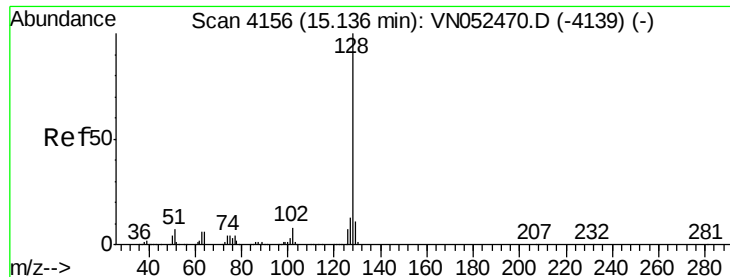


Abundance Ion 179.80 (179.50 to 180.50): VN052470.D (-4071) (-)

Ion 181.80 (181.50 to 182.50): VN052470.D (-4071) (-)

Ion 144.80 (144.50 to 145.50): VN052470.D (-4071) (-)





#95

Naphthalene

Concen: 3.546 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN052554.D

Acq: 29 Nov 2018 10:18

Instrument :

MSVOA_N

ClientSampleId :

VN1129MBL01

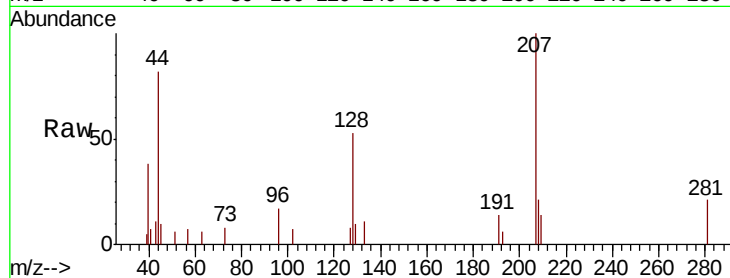
Tot Ion:128 Resp: 3047

Ion Ratio Lower Upper

128 100

127 6.4 10.2 15.2#

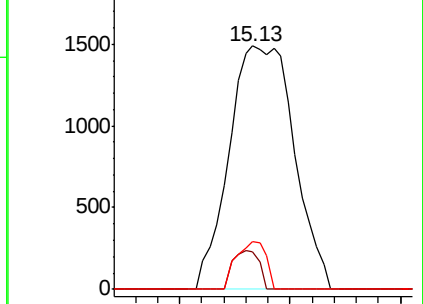
129 9.0 8.7 13.1



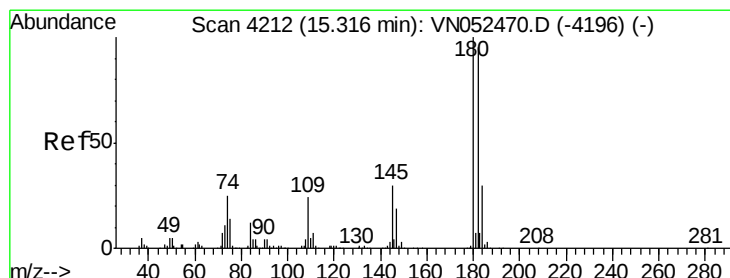
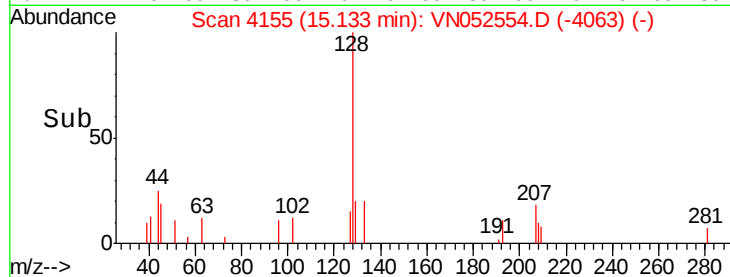
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 2.826 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN052554.D

Acq: 29 Nov 2018 10:18

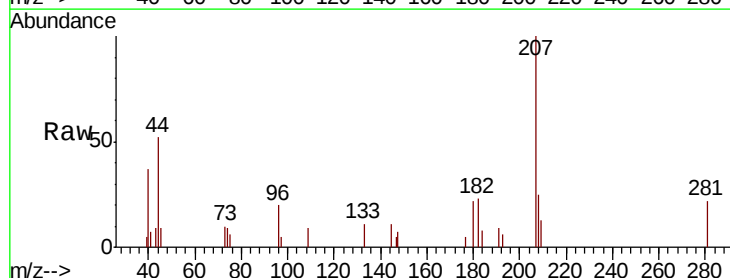
Tgt Ion:180 Resp: 1102

Ion Ratio Lower Upper

180 100

182 122.2 47.8 143.3

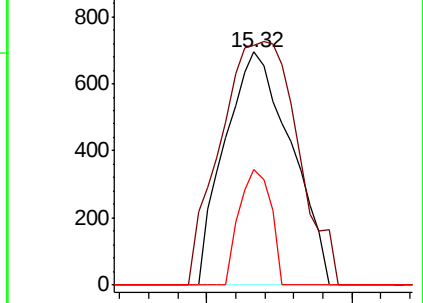
145 23.7 15.2 45.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V



Time-->

