

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121318\
 Data File : VN052866.D
 Acq On : 13 Dec 2018 16:01
 Operator : MD\SY
 Sample : J6319-02DL 10X
 Misc : 5.16g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 056_BT-1-2DL

Quant Time: Dec 14 01:40:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 13 01:08:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1281402	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1949780	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1764713	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	791790	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	630600	46.28	ug/l	0.00
Spiked Amount			Recovery	=	92.56%	
35) Dibromofluoromethane	7.59	113	537583	49.39	ug/l	0.00
Spiked Amount			Recovery	=	98.78%	
50) Toluene-d8	10.09	98	2486707	52.70	ug/l	0.00
Spiked Amount			Recovery	=	105.40%	
62) 4-Bromofluorobenzene	12.40	95	842971	52.72	ug/l	0.00
Spiked Amount			Recovery	=	105.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.81	56	220	0.307	ug/l #	14
14) Allyl chloride	4.55	41	7654	0.398	ug/l #	45
18) Methyl Acetate	4.33	43	2458	0.219	ug/l #	51
29) Tetrahydrofuran	7.22	42	856	0.264	ug/l #	34
30) Chloroform	7.33	83	20937	0.907	ug/l #	18
31) Cyclohexane	7.65	56	193104	7.875	ug/l #	94
36) 1,1-Dichloropropene	7.66	75	86199	4.801	ug/l #	50
38) Carbon Tetrachloride	7.67	117	113271	6.854	ug/l #	15
39) Methylcyclohexane	9.08	83	1035573	47.000	ug/l	98
41) Methacrylonitrile	7.21	41	5279	0.883	ug/l #	41
43) Isopropyl Acetate	8.15	43	50512	2.284	ug/l #	53
47) Bromodichloromethane	9.39	83	86325	5.085	ug/l #	25
48) Methyl methacrylate	9.14	41	32601	3.362	ug/l #	31
51) 4-Methyl-2-Pentanone	10.08	43	51570	5.086	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	229016	19.656	ug/l #	18
56) Ethyl methacrylate	10.43	69	55020	3.680	ug/l #	1
59) 2-Hexanone	10.72	43	261384	37.612	ug/l #	28
68) m/p-Xylenes	11.62	106	9015	0.382	ug/l	98
71) Bromoform	12.40	173	4838	0.559	ug/l #	1
73) Isopropylbenzene	12.25	105	193891	3.280	ug/l	100
74) N-amyl acetate	12.05	43	161151	9.929	ug/l #	54
75) 1,1,2,2-Tetrachloroethane	12.56	83	31476	2.376	ug/l #	25
76) 1,2,3-Trichloropropane	12.40	75	389528	33.344	ug/l #	100
78) n-propylbenzene	12.59	91	420709	6.240	ug/l	99
79) 2-Chlorotoluene	12.59	91	420709	10.555	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.89	105	33005	0.692	ug/l	73
81) trans-1,4-Dichloro-2-buten	12.40	75	389528	107.118	ug/l #	12
82) 4-Chlorotoluene	12.59	91	420709	10.323	ug/l #	40
83) tert-Butylbenzene	12.99	119	8656	0.206	ug/l #	58
85) sec-Butylbenzene	13.17	105	100883	1.769	ug/l #	62
86) p-Isopropyltoluene	13.24	119	13290	0.269	ug/l	94
89) n-Butylbenzene	13.62	91	152213	3.661	ug/l #	77
90) Hexachloroethane	13.89	117	64497	7.798	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.29	75	1279	0.640	ug/l #	13

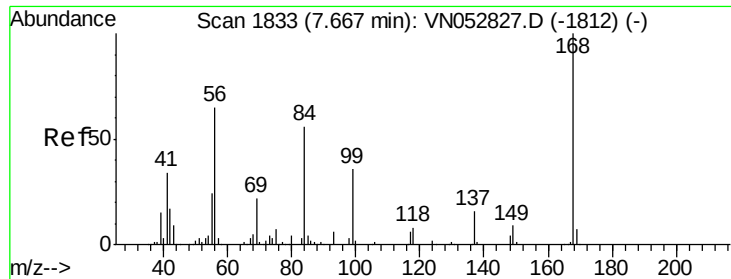
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121318\
Data File : VN052866.D
Acq On : 13 Dec 2018 16:01
Operator : MD\SY
Sample : J6319-02DL 10X
Misc : 5.16g/10mL/100uL/5.00mL/MSVOA_N/MEOH
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056_BT-1-2DL

Quant Time: Dec 14 01:40:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 13 01:08:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.14	128	10425	0.360	ug/l #	69

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN052866.D

Acq: 13 Dec 2018 16:01

Instrument :

MSVOA_N

ClientSampleId :

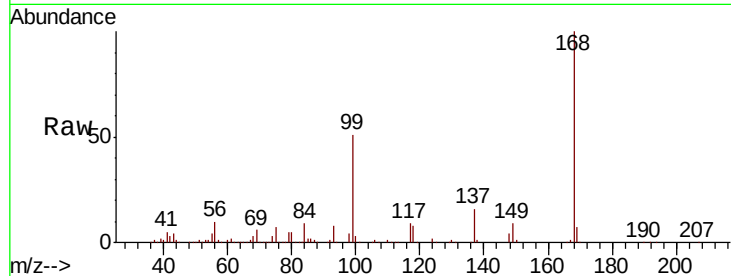
056_BT-1-2DL

Tot Ion:168 Resp: 1281402

Ion Ratio Lower Upper

168 100

99 51.2 40.2 60.2



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

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

7.66

600000

500000

400000

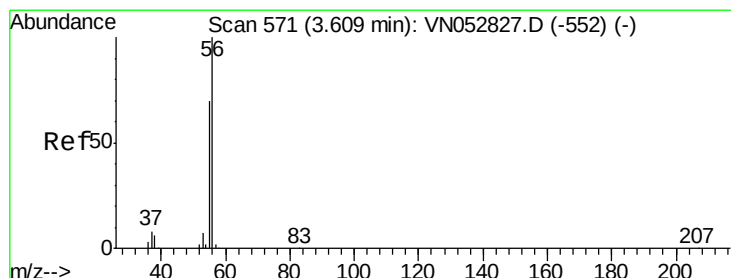
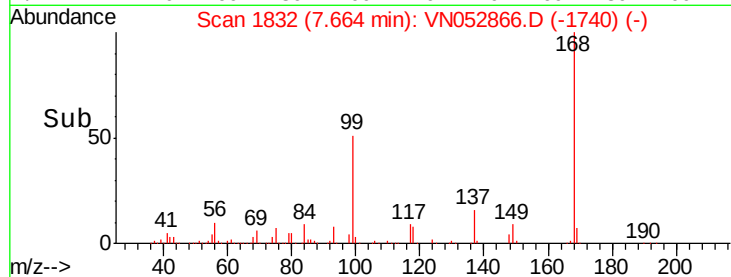
300000

200000

100000

0

Time-->



#13

Acrolein

Concen: 0.307 ug/l

RT: 3.81 min Scan# 634

Delta R.T. 0.20 min

Lab File: VN052866.D

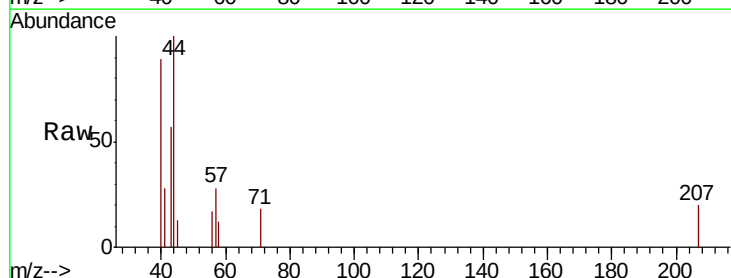
Acq: 13 Dec 2018 16:01

Tgt Ion: 56 Resp: 220

Ion Ratio Lower Upper

56 100

55 0.0 56.6 85.0#



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

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

3.81

250

200

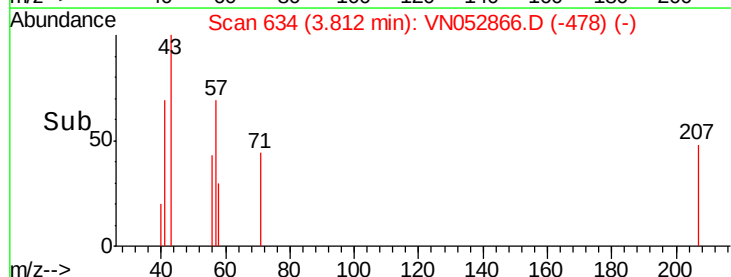
150

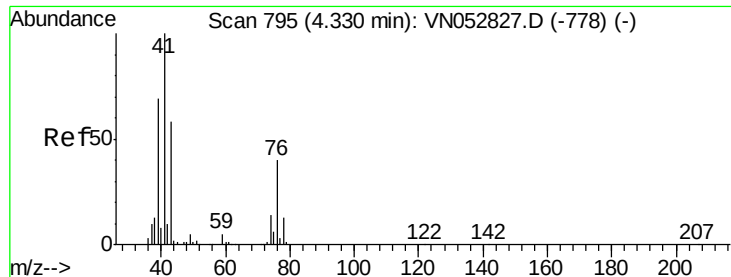
100

50

0

Time-->

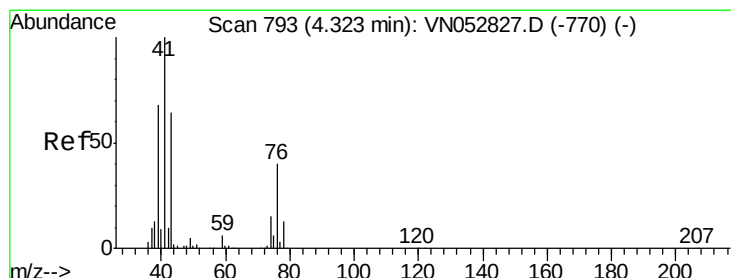
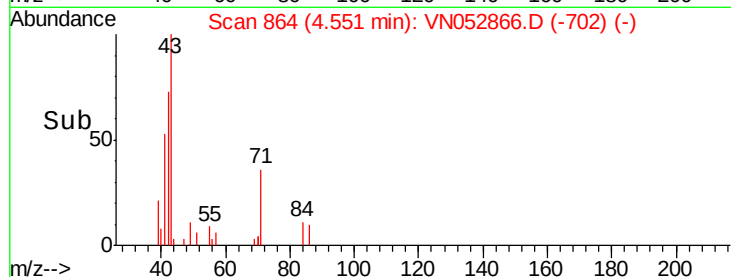
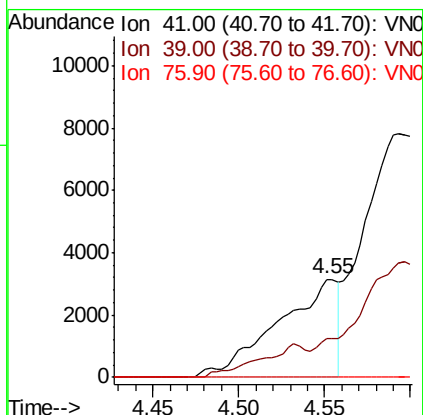
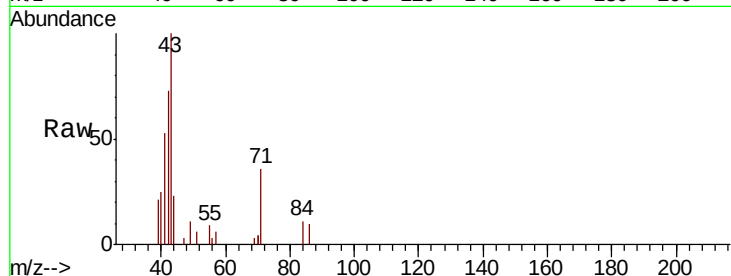




#14
Allvl chloride
Concen: 0.398 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.22 min
Lab File: VN052866.D
Acq: 13 Dec 2018 16:01

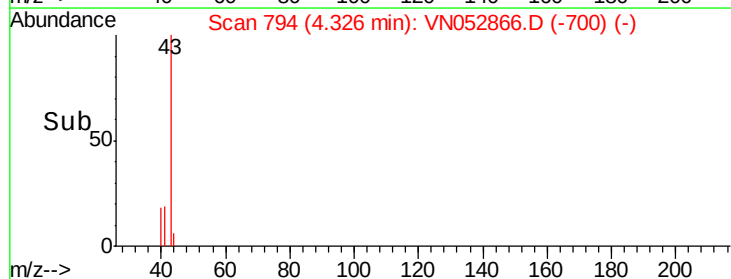
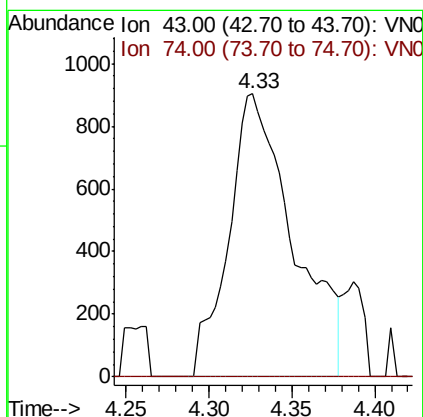
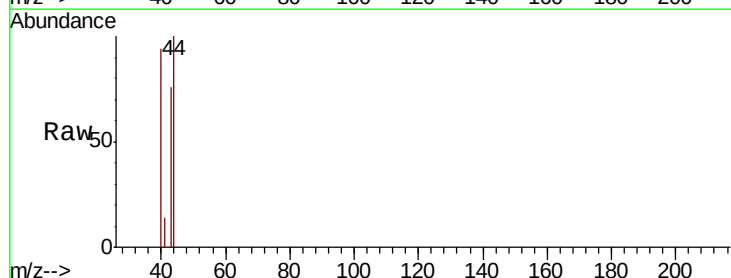
Instrument :
MSVOA_N
ClientSampleId :
056_BT-1-2DL

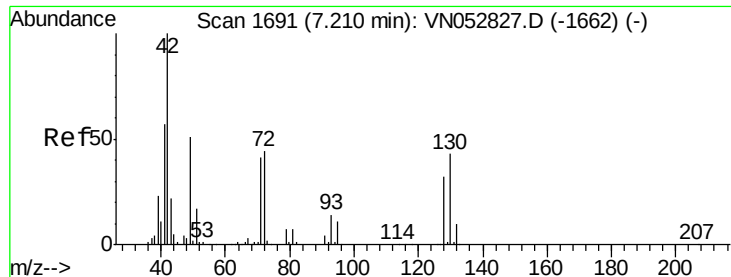
Tot Ion: 41 Resp: 7654
Ion Ratio Lower Upper
41 100
39 27.5 54.1 81.1#
76 0.0 30.3 45.5#



#18
Methyl Acetate
Concen: 0.219 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN052866.D
Acq: 13 Dec 2018 16:01

Tgt Ion: 43 Resp: 2458
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#

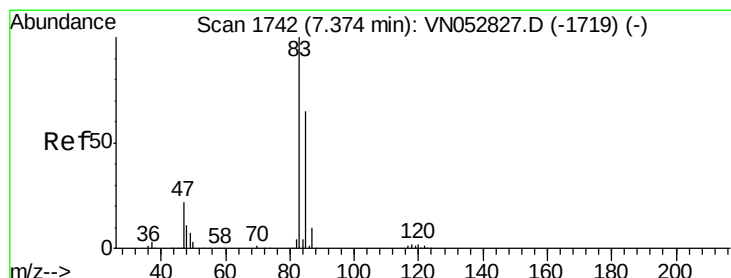
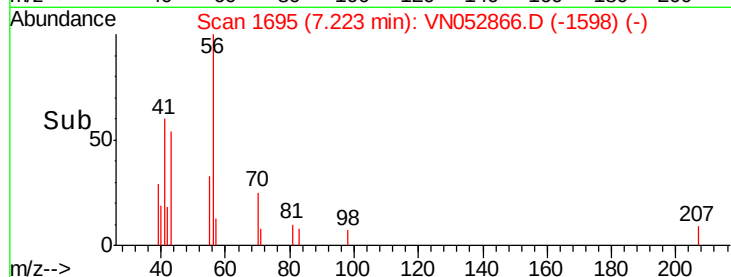
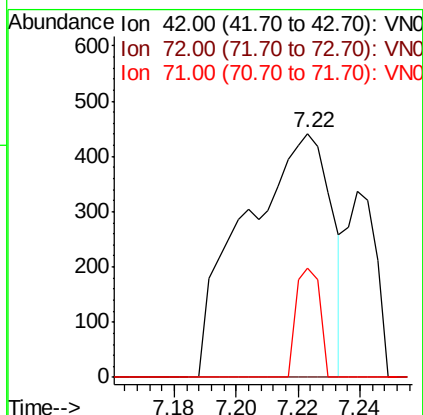
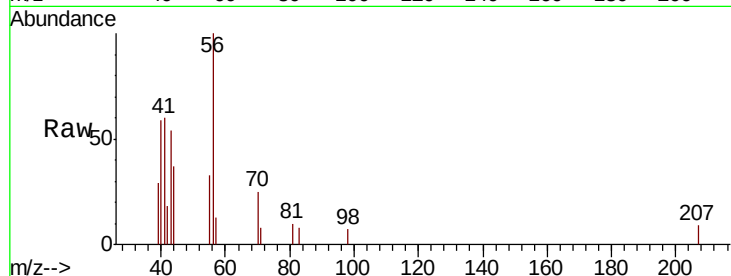




#29
Tetrahydrofuran
Concen: 0.264 ug/l
RT: 7.22 min Scan# 1695
Delta R.T. 0.01 min
Lab File: VN052866.D
Acq: 13 Dec 2018 16:01

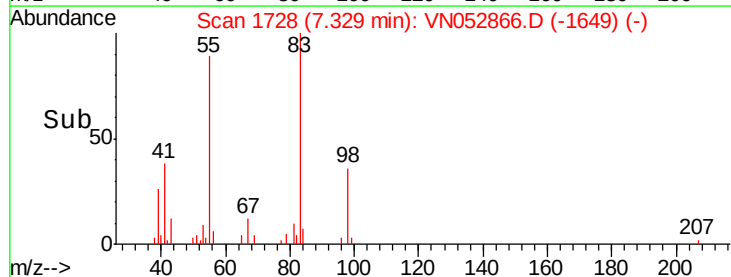
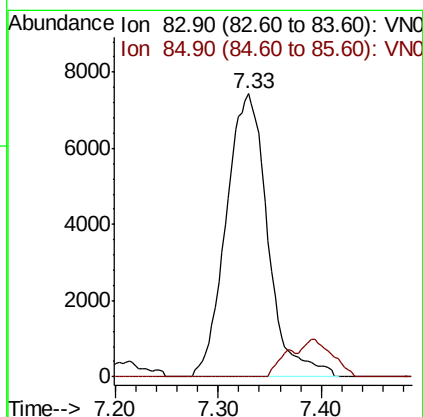
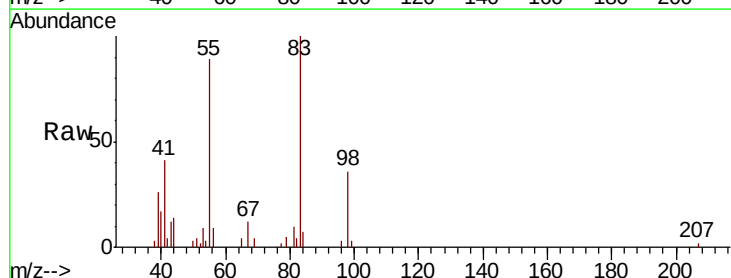
Instrument :
MSVOA_N
ClientSampleId :
056_BT-1-2DL

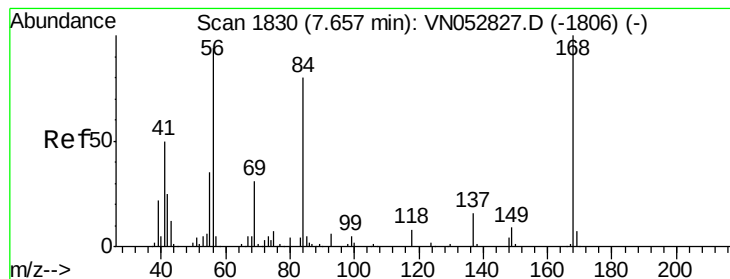
Tot Ion: 42 Resp: 856
Ion Ratio Lower Upper
42 100
72 0.0 34.7 52.1#
71 0.0 32.3 48.5#



#30
Chloroform
Concen: 0.907 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.05 min
Lab File: VN052866.D
Acq: 13 Dec 2018 16:01

Tgt Ion: 83 Resp: 20937
Ion Ratio Lower Upper
83 100
85 0.0 52.1 78.1#





#31

Cyclohexane

Concen: 7.875 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN052866.D

Acq: 13 Dec 2018 16:01

Instrument :

MSVOA_N

ClientSampled :

056_BT-1-2DL

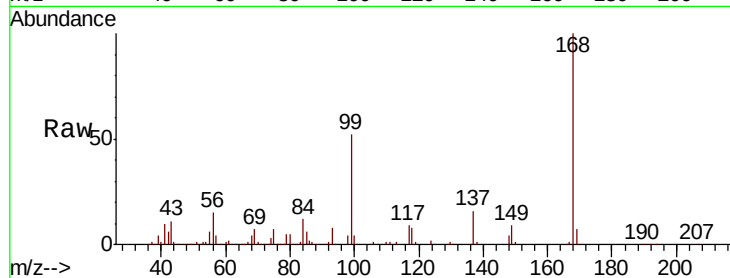
Tot Ion: 56 Resp: 193104

Ion Ratio Lower Upper

56 100

69 44.5 26.6 39.8#

84 84.4 68.4 102.6

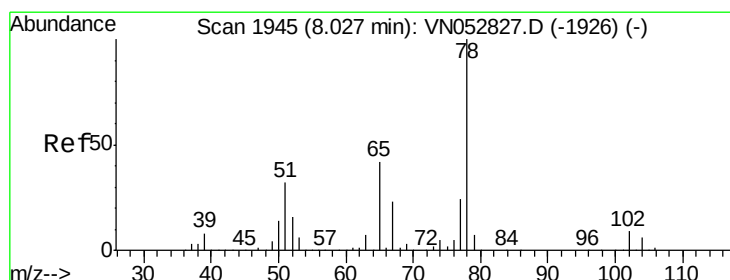
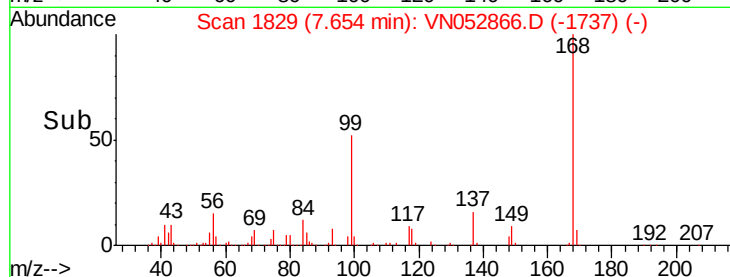
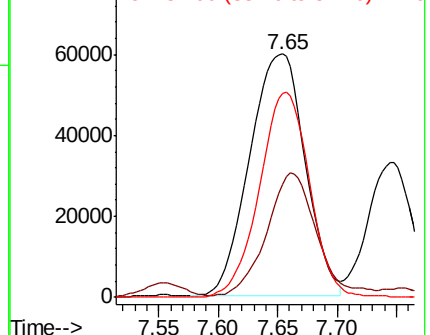


Abundance

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: N.D. ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN052866.D

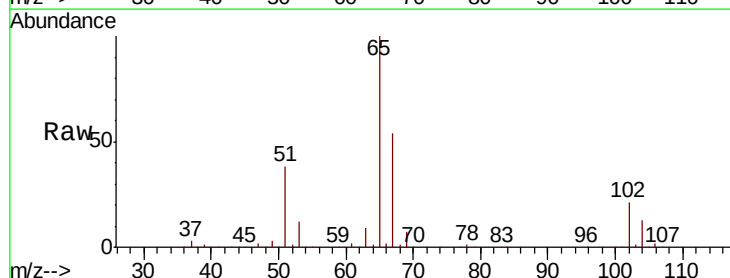
Acq: 13 Dec 2018 16:01

Tgt Ion: 65 Resp: 630600

Ion Ratio Lower Upper

65 100

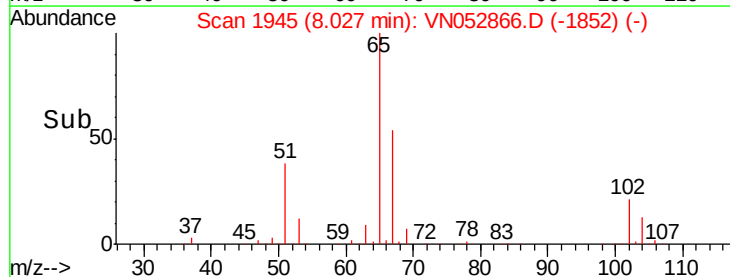
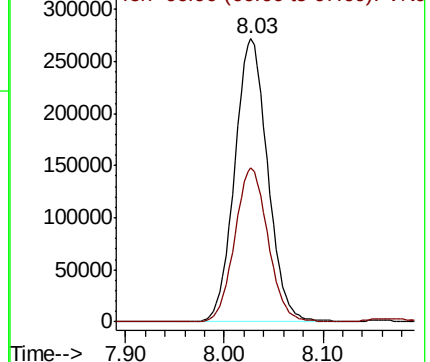
67 54.6 0.0 110.4

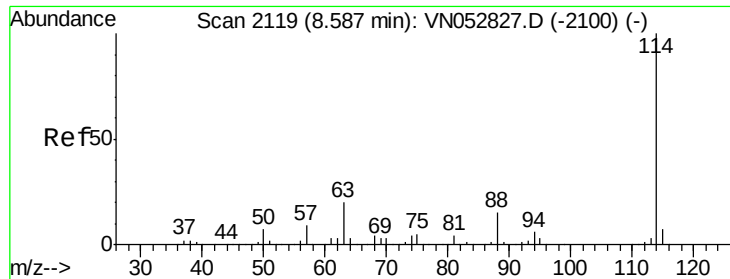


Abundance

Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

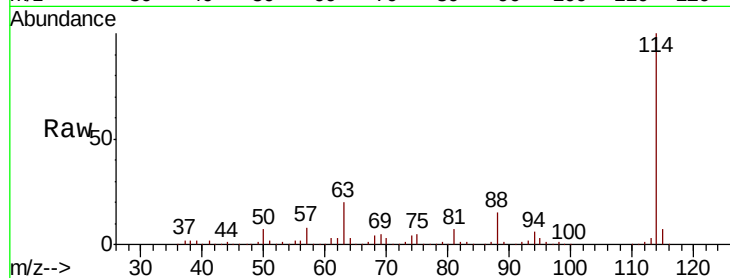




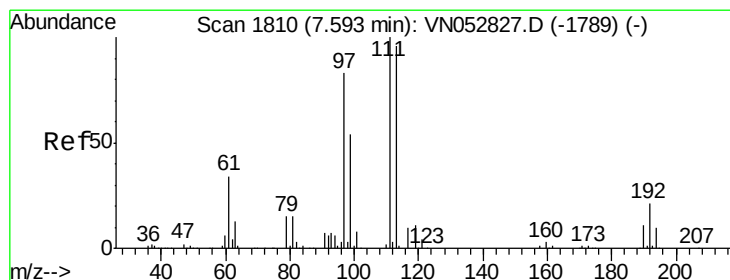
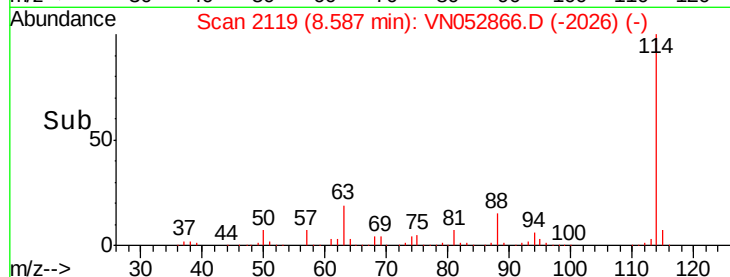
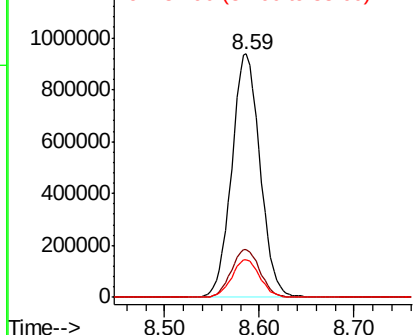
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052866.D
 Acq: 13 Dec 2018 16:01

Instrument :
 MSVOA_N
 ClientSampleId :
 056_BT-1-2DL

Tot Ion:114 Resp: 1949780
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.8
 88 15.4 0.0 31.0

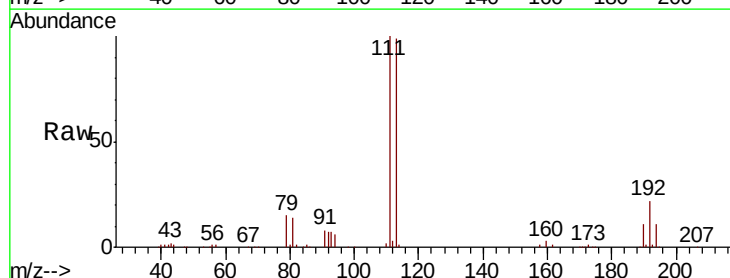


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

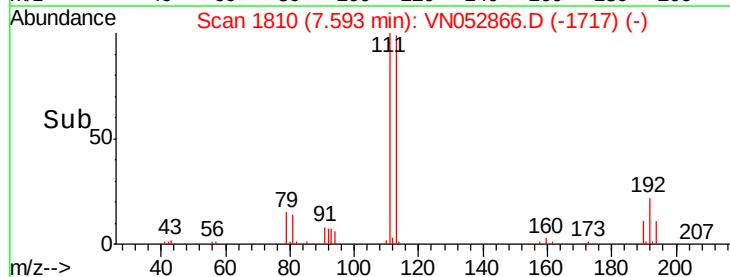
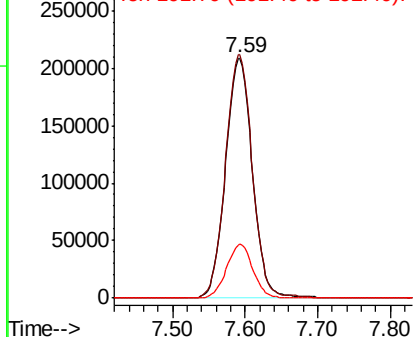


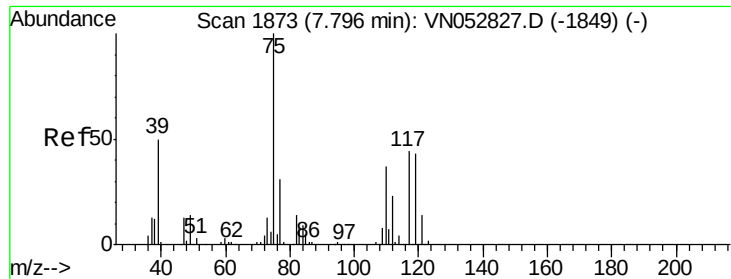
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN052866.D
 Acq: 13 Dec 2018 16:01

Tgt Ion:113 Resp: 537583
 Ion Ratio Lower Upper
 113 100
 111 101.3 83.0 124.4
 192 22.0 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

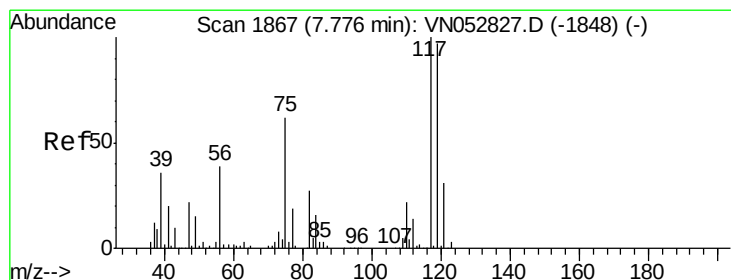
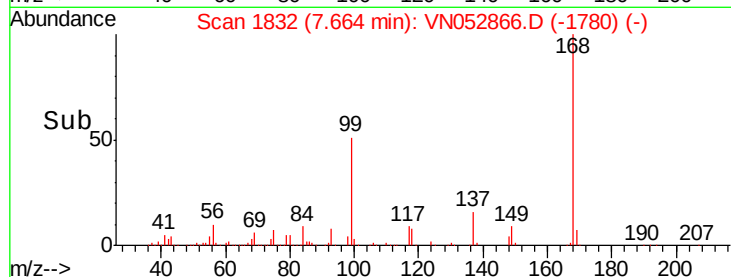
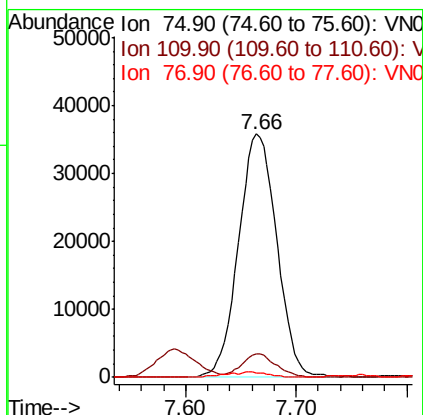
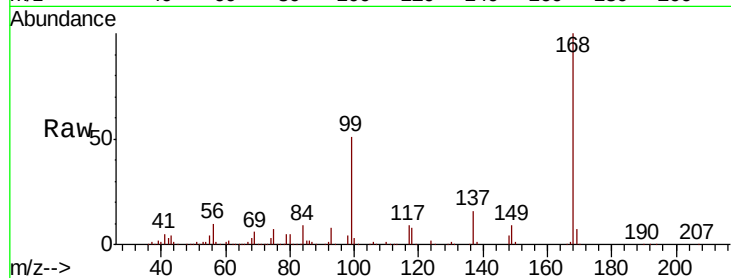




#36
 1,1-Dichloropropene
 Concen: 4.801 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN052866.D
 Acq: 13 Dec 2018 16:01

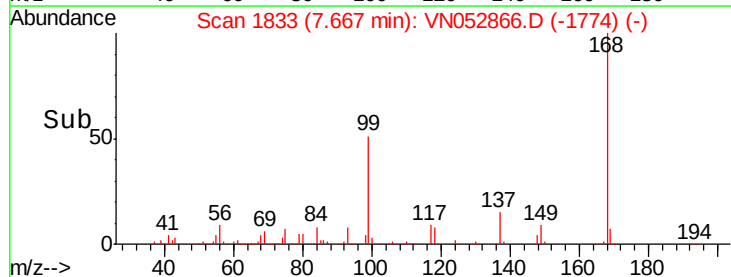
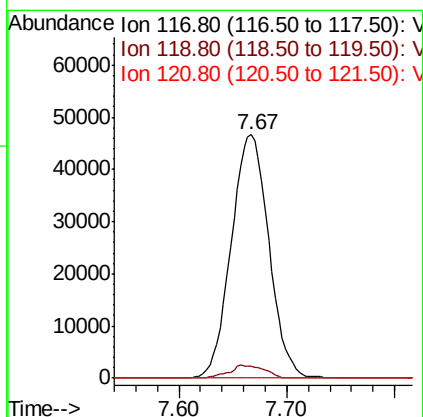
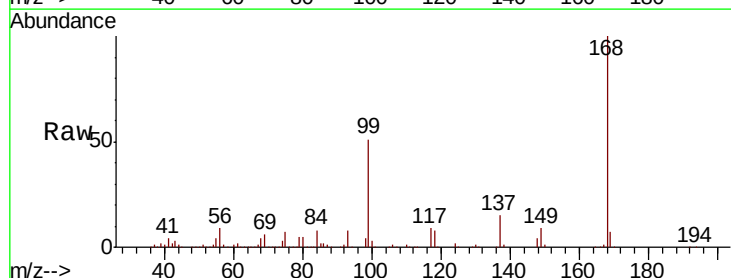
Instrument :
 MSVOA_N
 ClientSampleId :
 056_BT-1-2DL

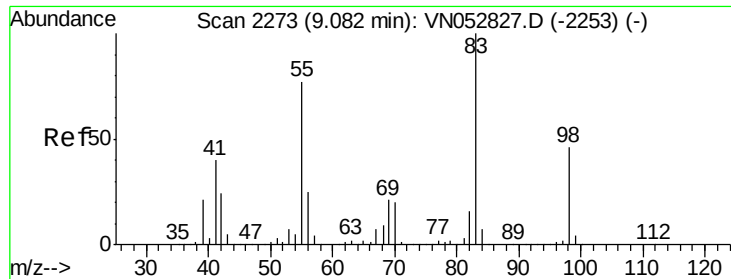
Tot Ion	75	Resp	86199
Ion Ratio	100	Lower	Upper
75	100		
110	8.6	18.2	54.6#
77	1.4	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.854 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN052866.D
 Acq: 13 Dec 2018 16:01

Tgt Ion	117	Resp	113271
Ion Ratio	100	Lower	Upper
117	100		
119	4.7	77.1	115.7#
121	0.0	24.9	37.3#

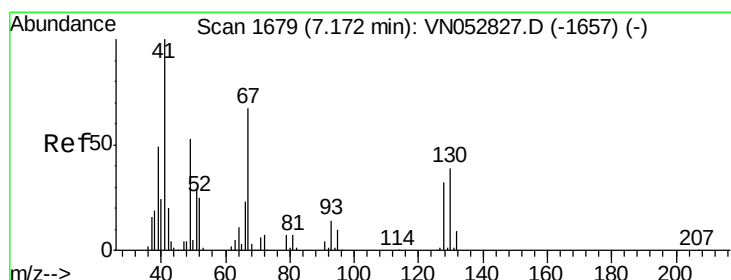
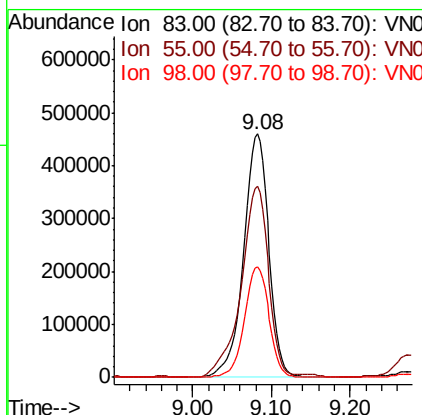
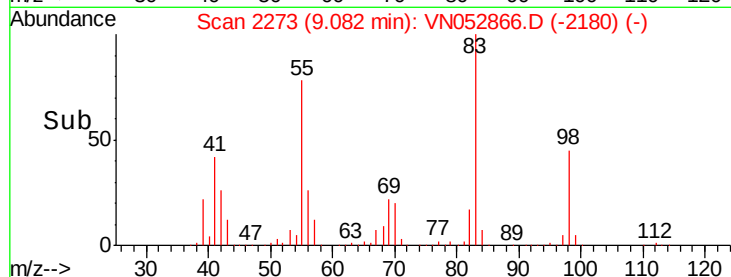
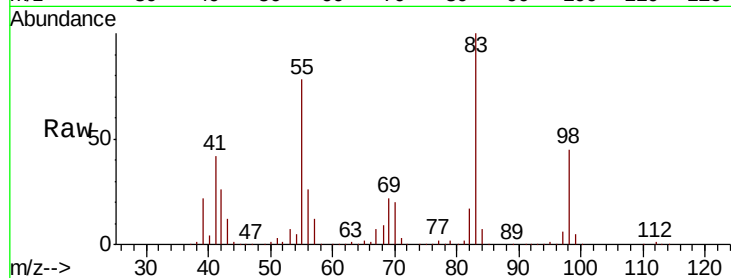




#39
Methylvlcyclohexane
Concen: 47.000 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN052866.D
Acq: 13 Dec 2018 16:01

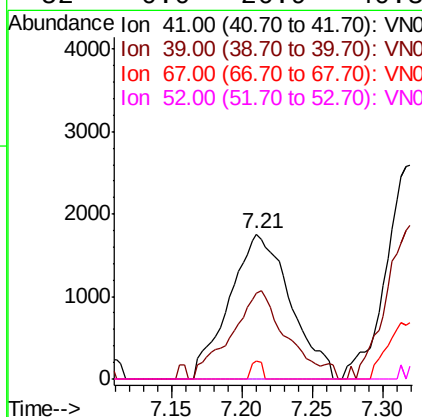
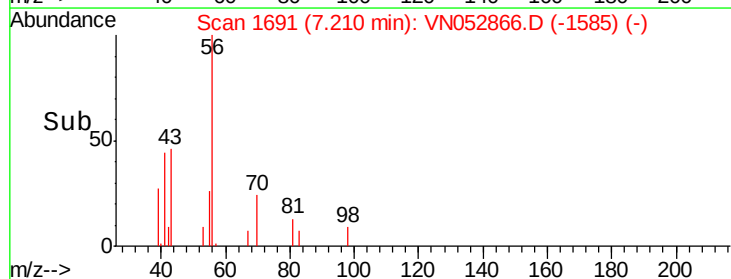
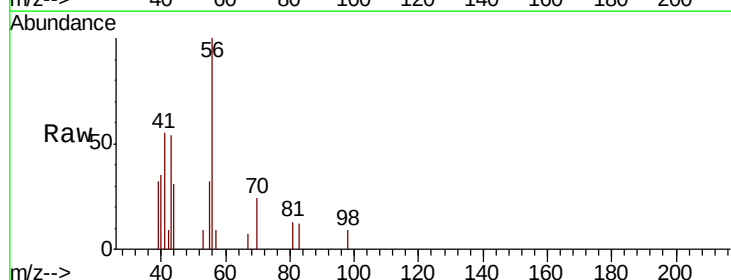
Instrument :
MSVOA_N
ClientSampleId :
056_BT-1-2DL

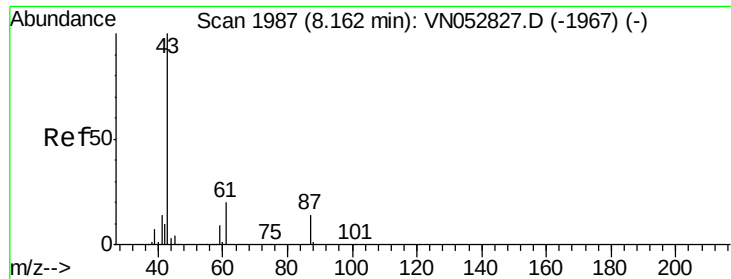
Tot Ion: 83 Resp: 1035573
Ion Ratio Lower Upper
83 100
55 78.2 61.3 91.9
98 45.5 37.0 55.4



#41
Methacrylonitrile
Concen: 0.883 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.04 min
Lab File: VN052866.D
Acq: 13 Dec 2018 16:01

Tgt Ion: 41 Resp: 5279
Ion Ratio Lower Upper
41 100
39 53.8 48.0 72.0
67 0.0 70.3 105.5#
52 0.0 26.9 40.3#





#43

Isopropyl Acetate

Concen: 2.284 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. -0.01 min

Lab File: VN052866.D

Acq: 13 Dec 2018 16:01

Instrument :
MSVOA_N

ClientSampleId :
056_BT-1-2DL

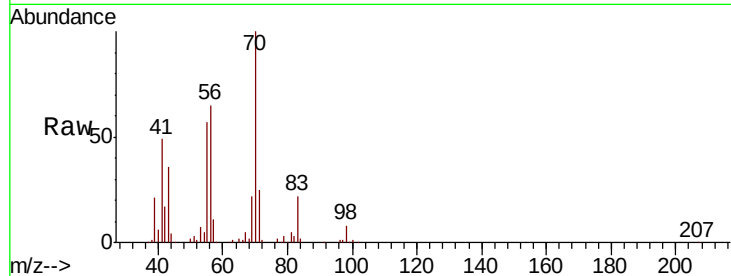
Tot Ion: 43 Resp: 50512

Ion Ratio Lower Upper

43 100

61 0.0 22.9 34.3#

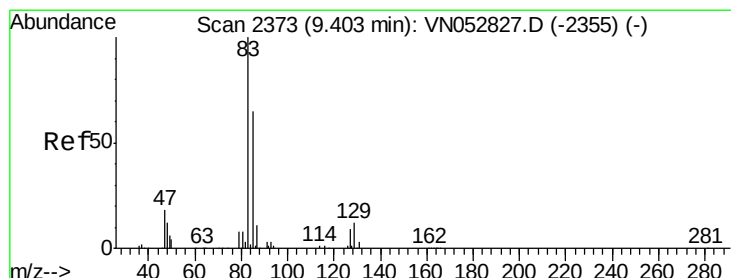
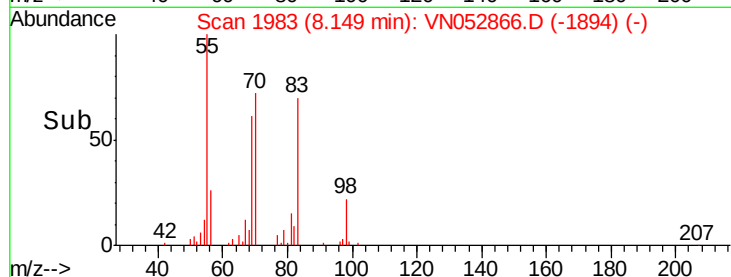
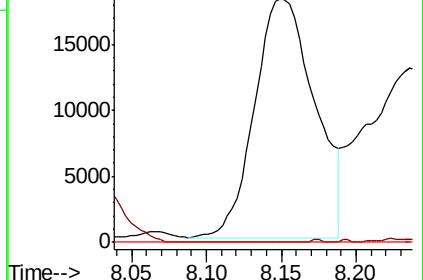
87 0.0 10.6 15.8#



Abundance Ion 43.00 (42.70 to 43.70): VN052827.D (-1967) (-)

Ion 61.00 (60.70 to 61.70): VN052827.D (-1967) (-)

Ion 87.00 (86.70 to 87.70): VN052827.D (-1967) (-)



#47

Bromodichloromethane

Concen: 5.085 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. -0.02 min

Lab File: VN052866.D

Acq: 13 Dec 2018 16:01

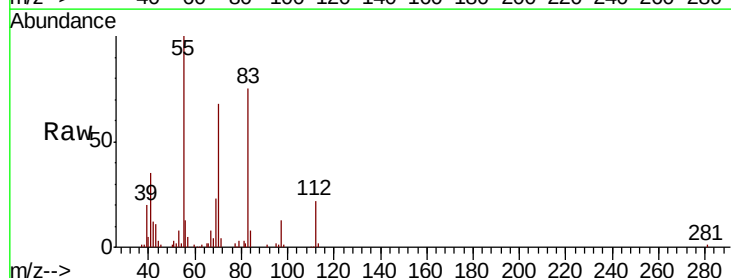
Tgt Ion: 83 Resp: 86325

Ion Ratio Lower Upper

83 100

85 0.0 51.6 77.4#

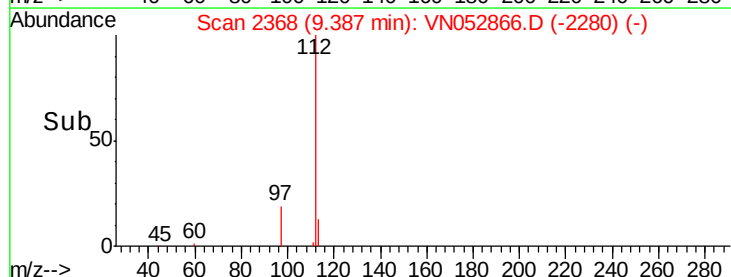
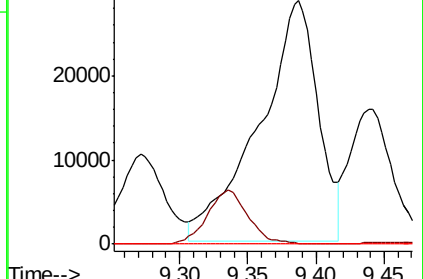
127 0.0 7.1 10.7#

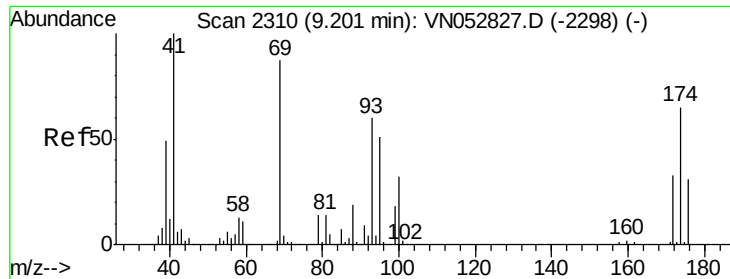


Abundance Ion 82.90 (82.60 to 83.60): VN052827.D (-2355) (-)

Ion 84.90 (84.60 to 85.60): VN052827.D (-2355) (-)

Ion 126.80 (126.50 to 127.50): VN052827.D (-2355) (-)

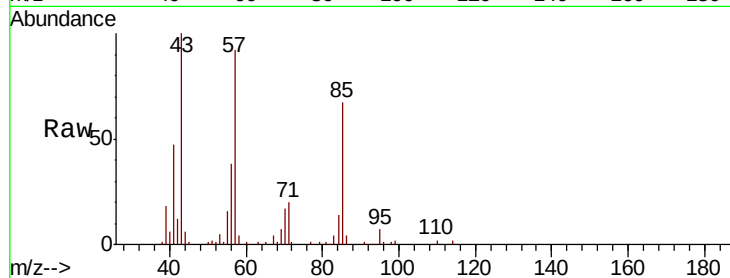




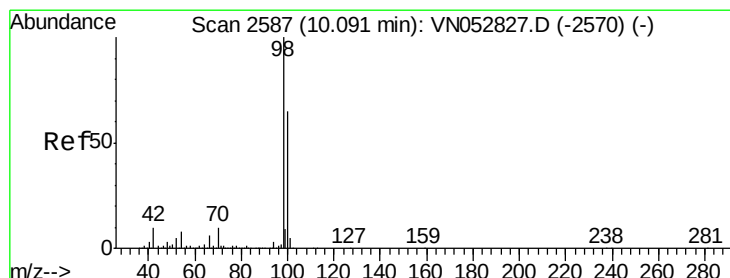
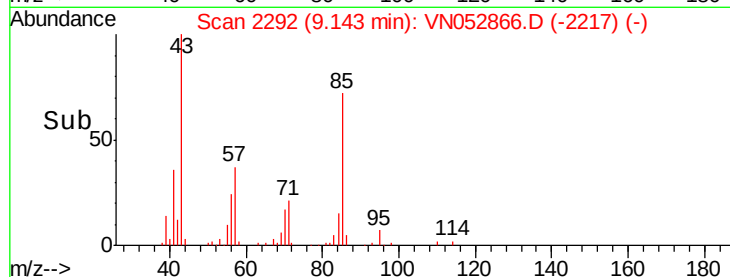
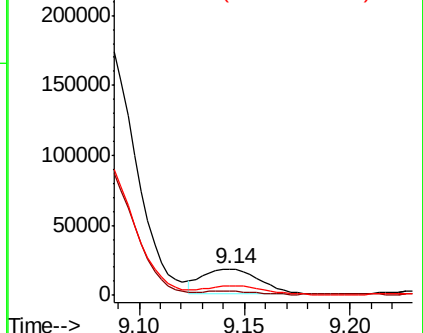
#48
Methvl methacrylate
Concen: 3.362 ug/l
RT: 9.14 min Scan# 2292
Delta R.T. -0.06 min
Lab File: VN052866.D
Acq: 13 Dec 2018 16:01

Instrument :
MSVOA_N
ClientSampled :
056_BT-1-2DL

Tot Ion: 41 Resp: 32601
Ion Ratio Lower Upper
41 100
69 0.0 72.2 108.2#
39 36.8 41.9 62.9#

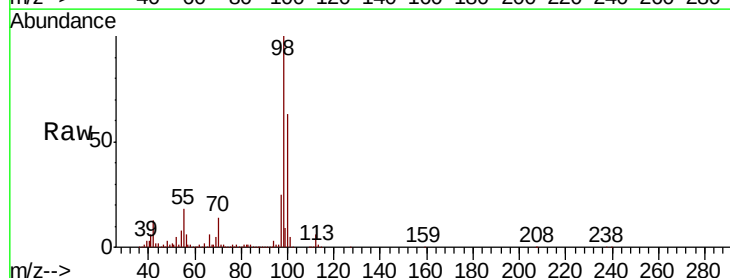


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

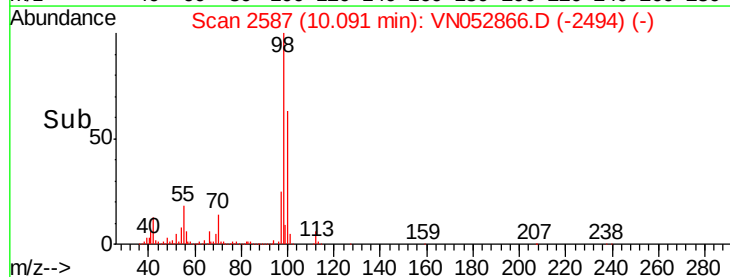
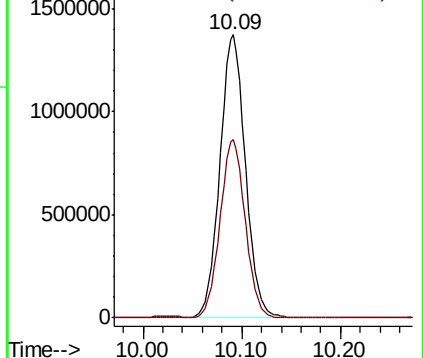


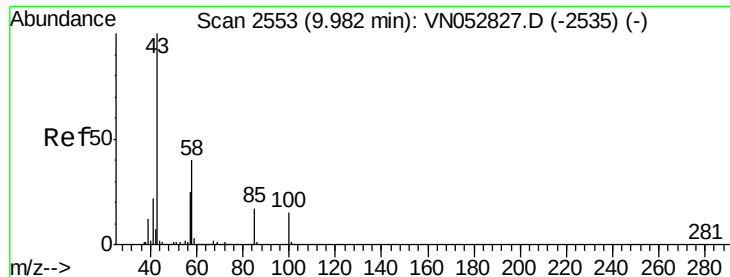
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN052866.D
Acq: 13 Dec 2018 16:01

Tgt Ion: 98 Resp: 2486707
Ion Ratio Lower Upper
98 100
100 62.4 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: 5.086 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.10 min

Lab File: VN052866.D

Acq: 13 Dec 2018 16:01

Instrument :

MSVOA_N

ClientSampleId :

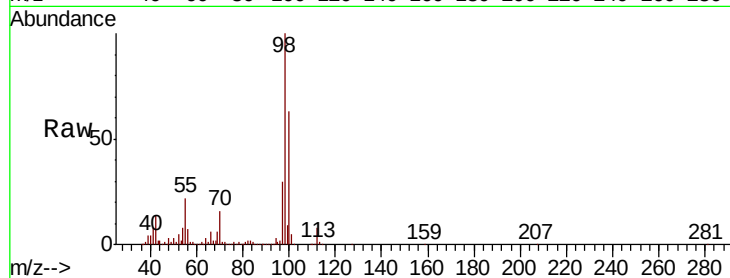
056_BT-1-2DL

Tot Ion: 43 Resp: 51570

Ion Ratio Lower Upper

43 100

58 41.2 32.2 48.4



Abundance Ion 43.00 (42.70 to 43.70): VN052827.D (-2535) (-)

Ion 58.00 (57.70 to 58.70): VN052827.D (-2535) (-)

10.08

30000

20000

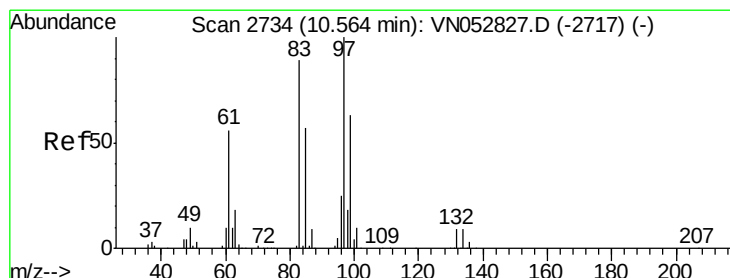
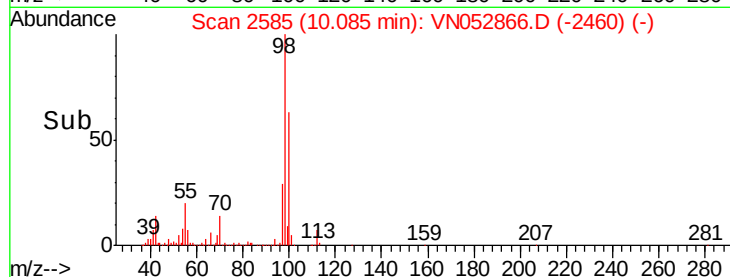
10000

0

10.05

10.10

Time-->



#55

1,1,2-Trichloroethane

Concen: 19.656 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.03 min

Lab File: VN052866.D

Acq: 13 Dec 2018 16:01

Tgt Ion: 97 Resp: 229016

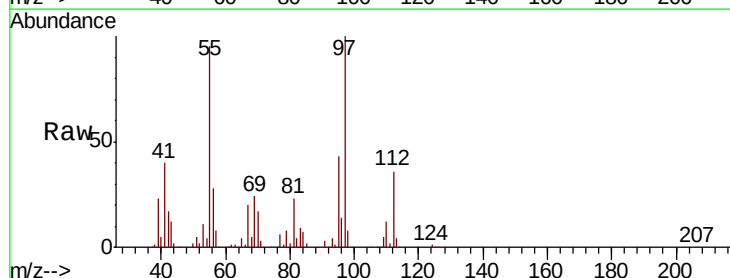
Ion Ratio Lower Upper

97 100

83 7.5 70.9 106.3#

85 2.0 45.4 68.2#

99 0.3 50.4 75.6#



Abundance Ion 96.90 (96.60 to 97.60): VN052827.D (-2717) (-)

Ion 82.90 (82.60 to 83.60): VN052827.D (-2717) (-)

Ion 84.90 (84.60 to 85.60): VN052827.D (-2717) (-)

Ion 98.90 (98.60 to 99.60): VN052827.D (-2717) (-)

10.53

200000

150000

100000

50000

0

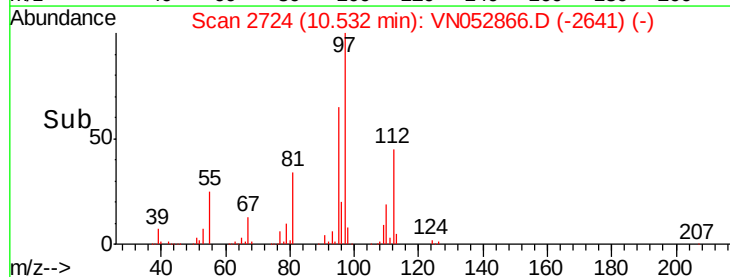
10.45

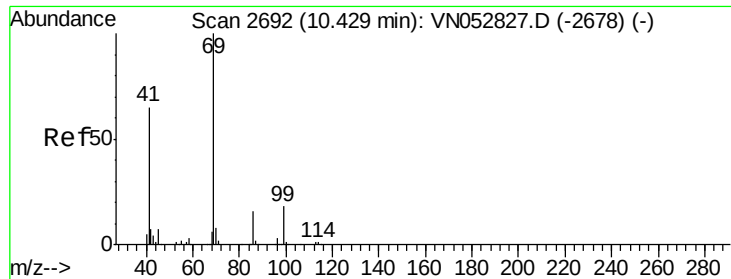
10.50

10.55

10.60

Time-->

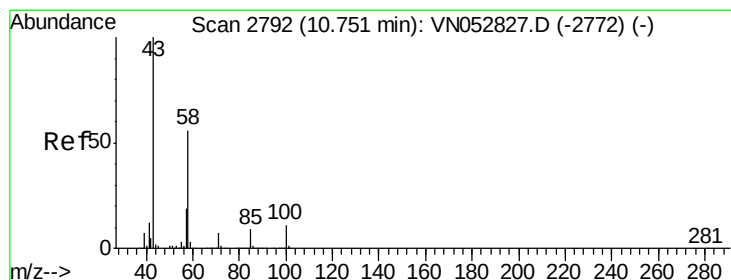
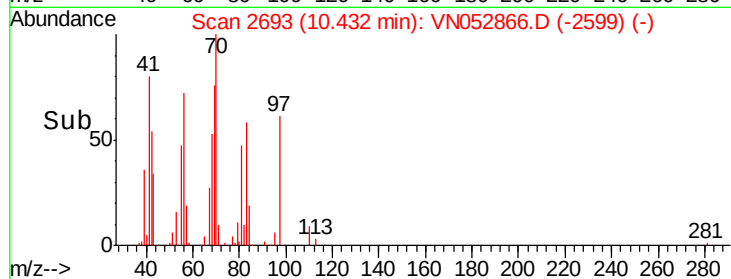
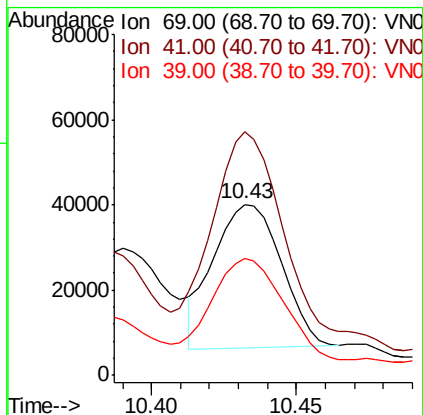
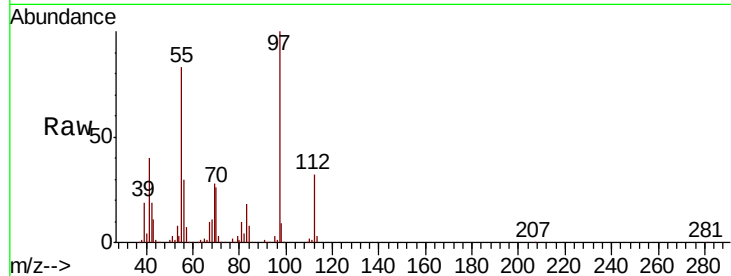




#56
Ethyl methacrylate
Concen: 3.680 ug/l
RT: 10.43 min Scan# 2693
Delta R.T. 0.00 min
Lab File: VN052866.D
Acq: 13 Dec 2018 16:01

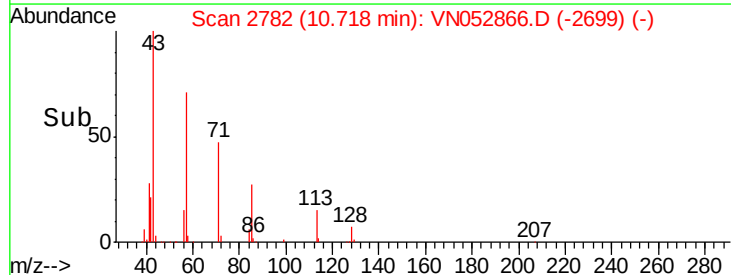
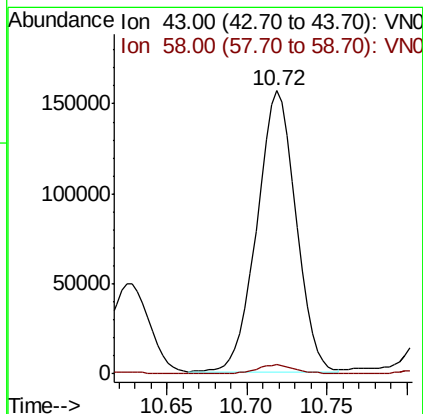
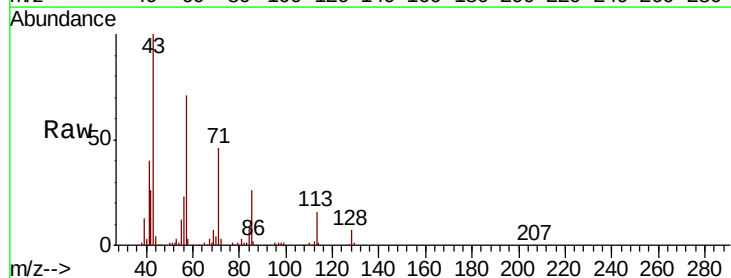
Instrument :
MSVOA_N
ClientSampleId :
056_BT-1-2DL

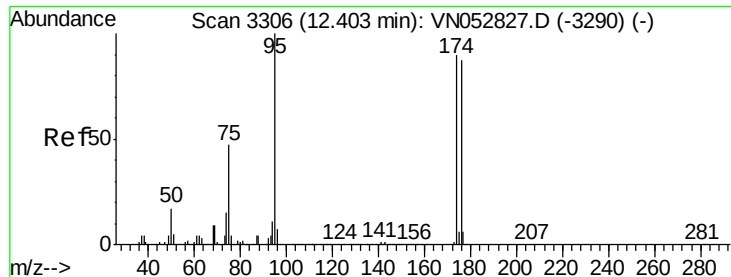
Tot Ion: 69 Resp: 55020
Ion Ratio Lower Upper
69 100
41 181.5 51.7 77.5#
39 76.3 24.6 37.0#



#59
2-Hexanone
Concen: 37.612 ug/l
RT: 10.72 min Scan# 2782
Delta R.T. -0.03 min
Lab File: VN052866.D
Acq: 13 Dec 2018 16:01

Tgt Ion: 43 Resp: 261384
Ion Ratio Lower Upper
43 100
58 3.5 28.1 84.3#

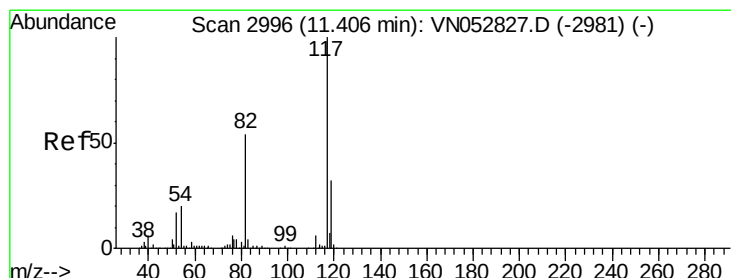
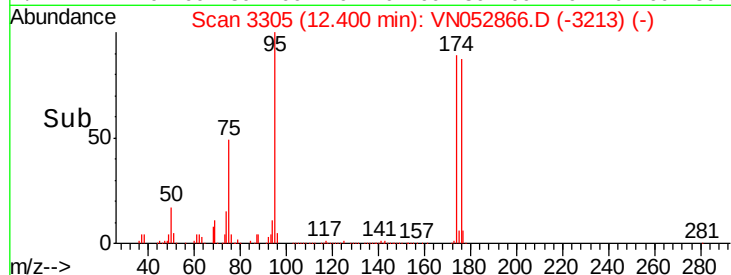
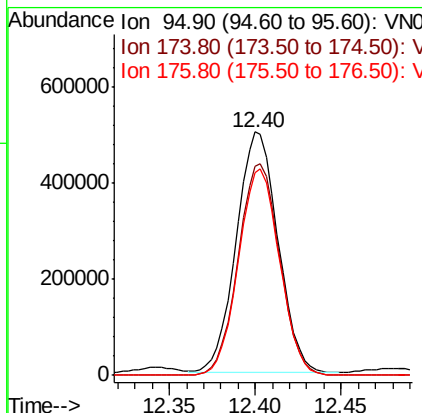
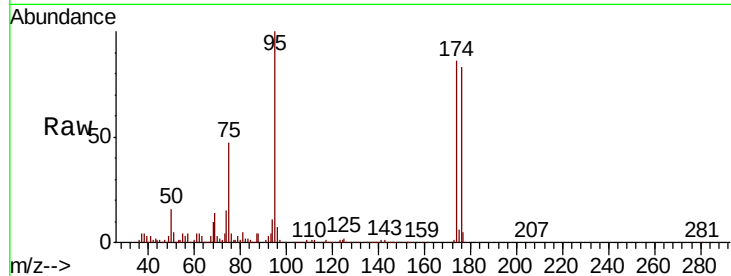




#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN052866.D
Acq: 13 Dec 2018 16:01

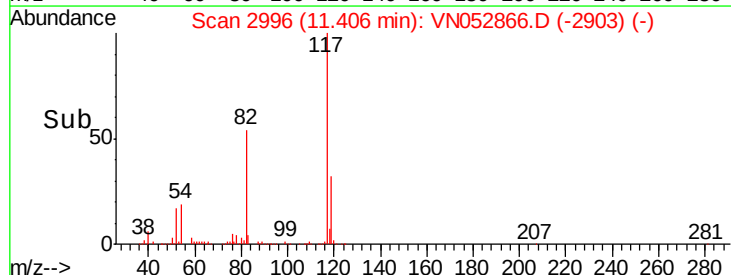
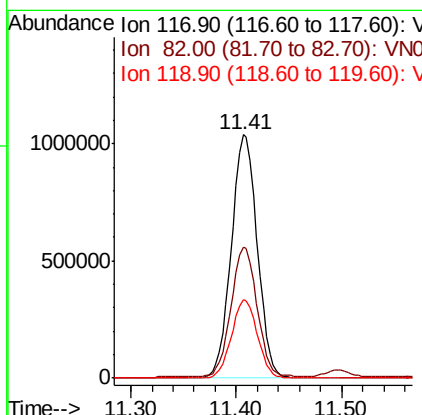
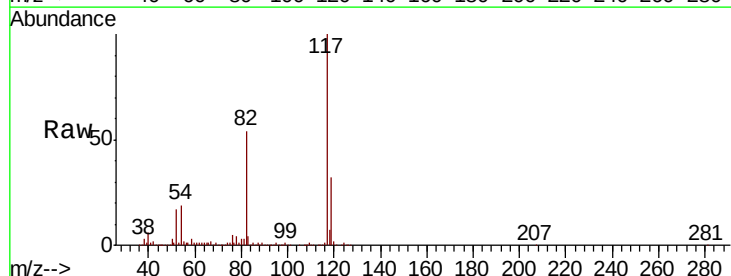
Instrument :
MSVOA_N
ClientSampleId :
056_BT-1-2DL

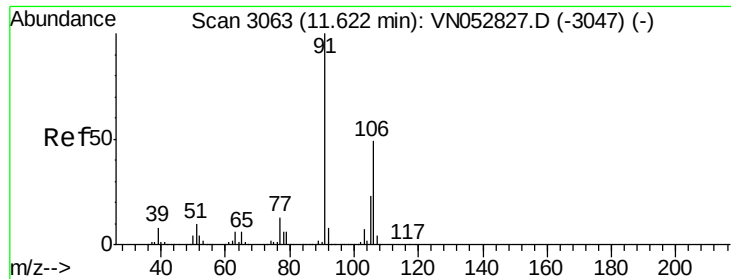
Tot Ion: 95 Resp: 842971
Ion Ratio Lower Upper
95 100
174 87.3 0.0 178.8
176 84.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052866.D
Acq: 13 Dec 2018 16:01

Tgt Ion: 117 Resp: 1764713
Ion Ratio Lower Upper
117 100
82 53.1 42.8 64.2
119 32.0 25.5 38.3

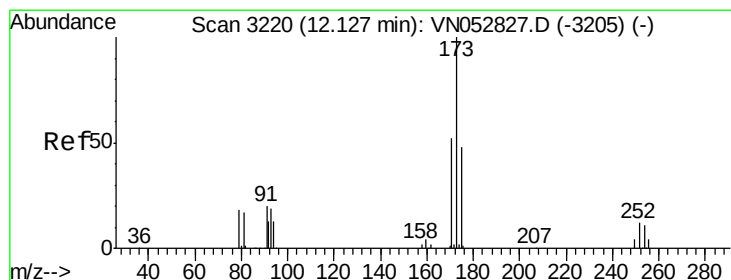
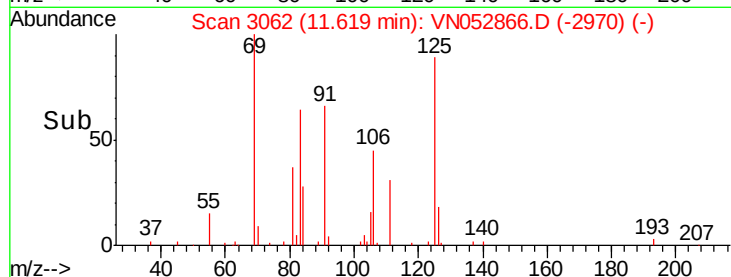
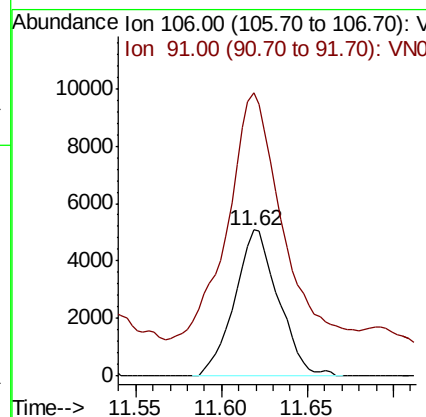
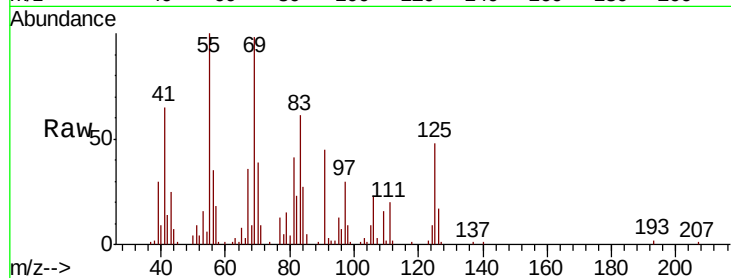




#68
m/p-Xvlenes
Concen: 0.382 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN052866.D
Acq: 13 Dec 2018 16:01

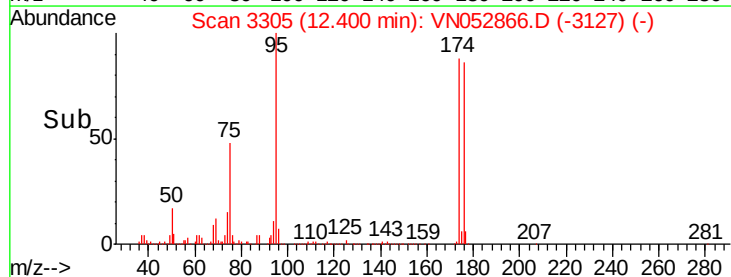
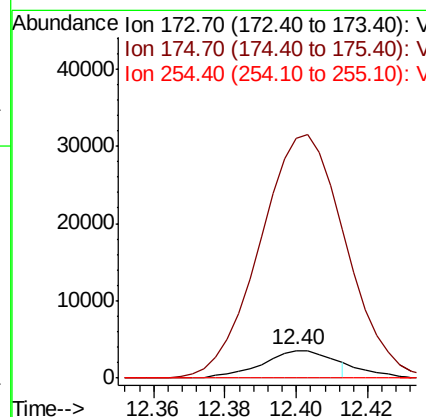
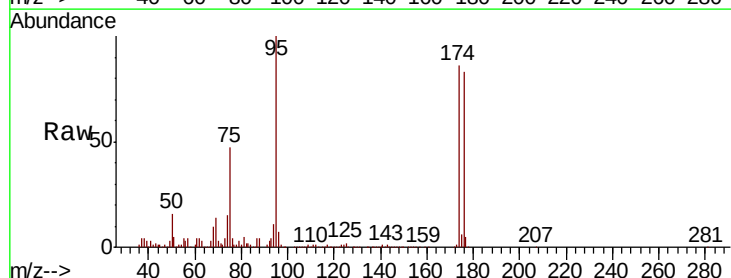
Instrument :
MSVOA_N
ClientSampled :
056_BT-1-2DL

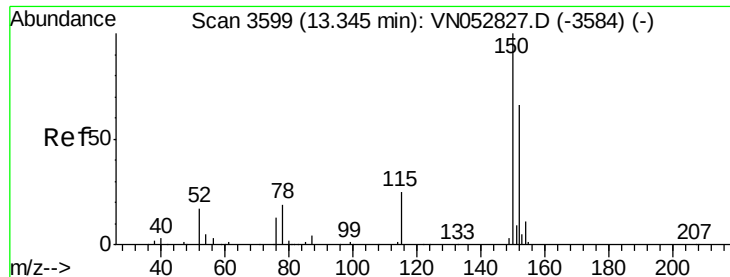
Tot Ion:106 Resp: 9015
Ion Ratio Lower Upper
106 100
91 206.2 162.2 243.4



#71
Bromoform
Concen: 0.559 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN052866.D
Acq: 13 Dec 2018 16:01

Tgt Ion:173 Resp: 4838
Ion Ratio Lower Upper
173 100
175 945.4 24.3 72.9#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN052866.D

Acq: 13 Dec 2018 16:01

Instrument :

MSVOA_N

ClientSampleId :

056_BT-1-2DL

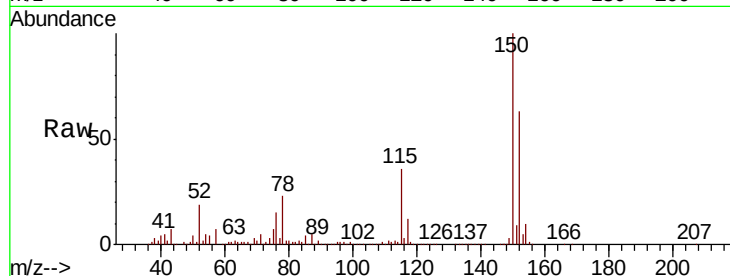
Tot Ion:152 Resp: 791790

Ion Ratio Lower Upper

152 100

115 56.2 28.3 85.0

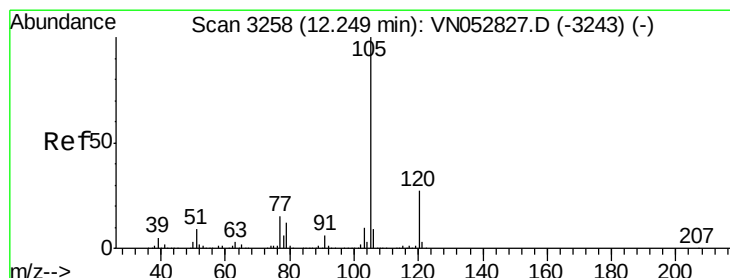
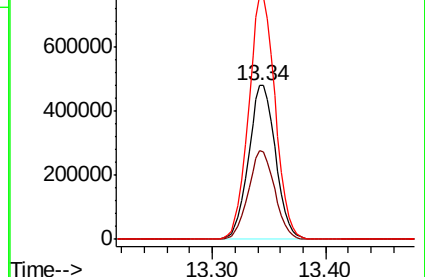
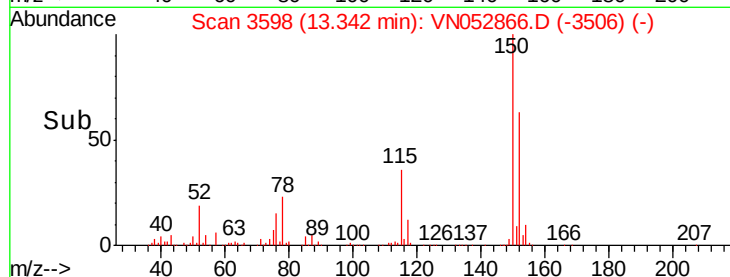
150 155.8 0.0 347.8



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



#73

Isopropylbenzene

Concen: 3.280 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN052866.D

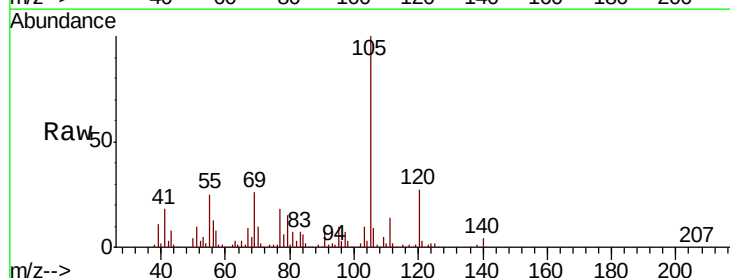
Acq: 13 Dec 2018 16:01

Tgt Ion:105 Resp: 193891

Ion Ratio Lower Upper

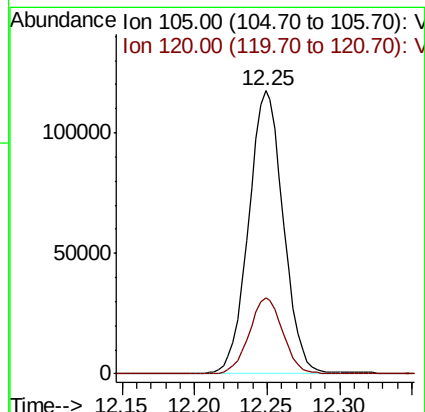
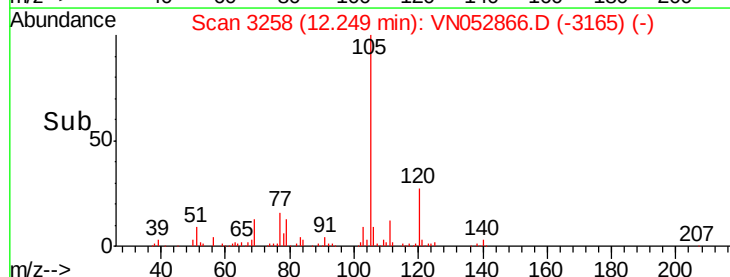
105 100

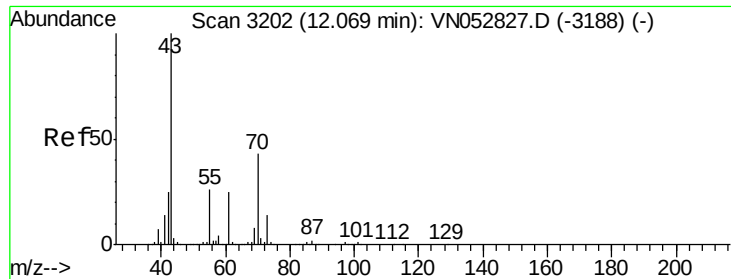
120 26.4 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyl acetate

Concen: 9.929 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.02 min

Lab File: VN052866.D

Acq: 13 Dec 2018 16:01

Instrument :

MSVOA_N

ClientSampleId :

056_BT-1-2DL

Tot Ion: 43 Resp: 161151

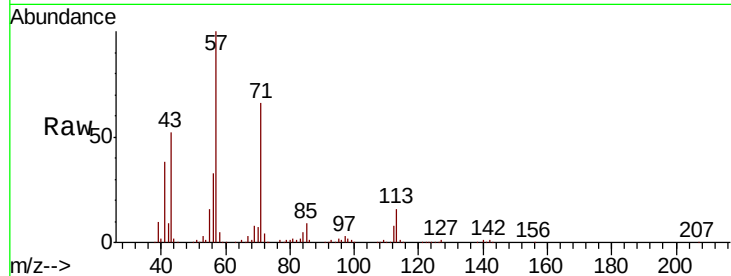
Ion Ratio Lower Upper

43 100

70 10.3 34.2 51.4#

55 7.8 20.3 30.5#

61 0.0 20.0 30.0#

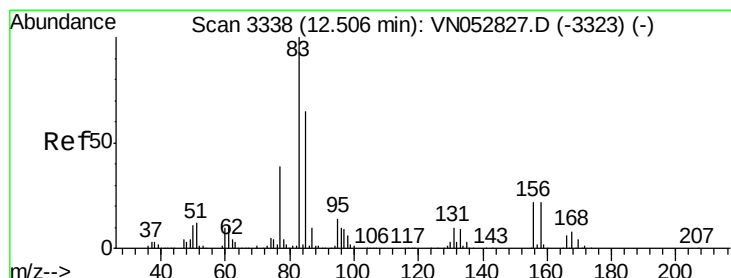
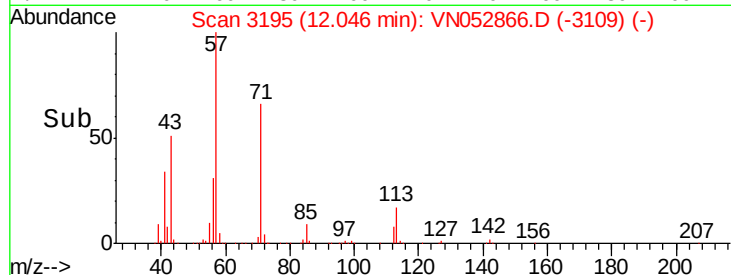
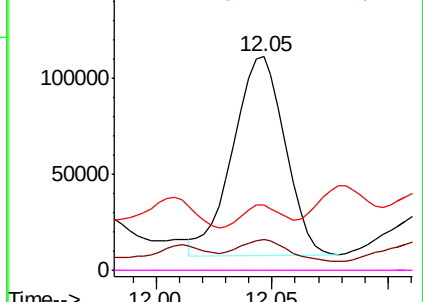


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#75

1,1,2,2-Tetrachloroethane

Concen: 2.376 ug/l

RT: 12.56 min Scan# 3355

Delta R.T. 0.05 min

Lab File: VN052866.D

Acq: 13 Dec 2018 16:01

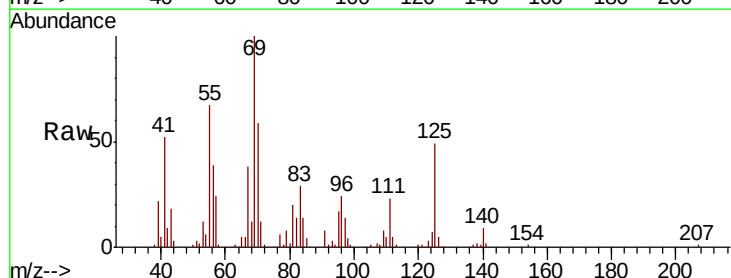
Tgt Ion: 83 Resp: 31476

Ion Ratio Lower Upper

83 100

131 0.0 5.2 15.6#

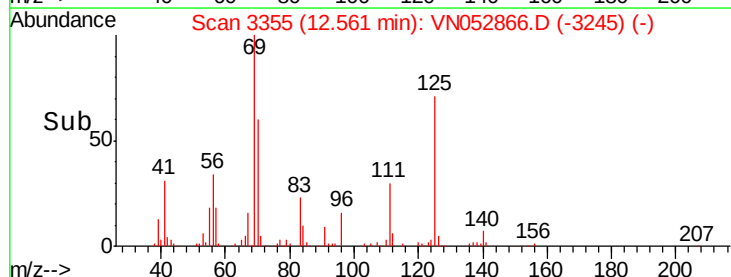
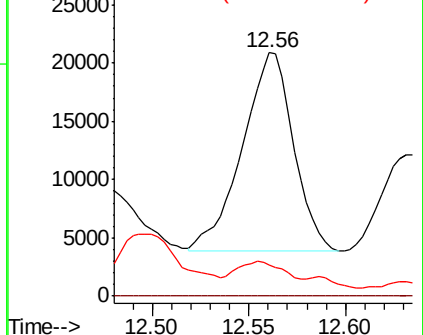
85 0.0 32.4 97.0#

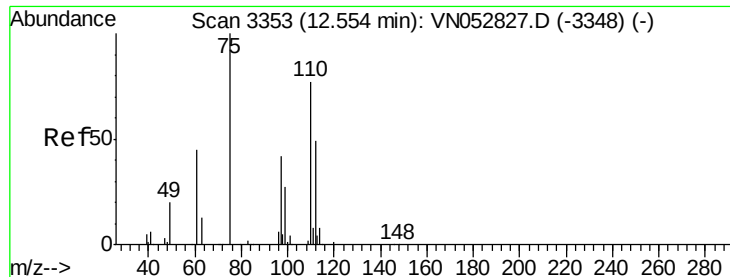


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 33.344 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN052866.D

Acq: 13 Dec 2018 16:01

Instrument :

MSVOA_N

ClientSampleId :

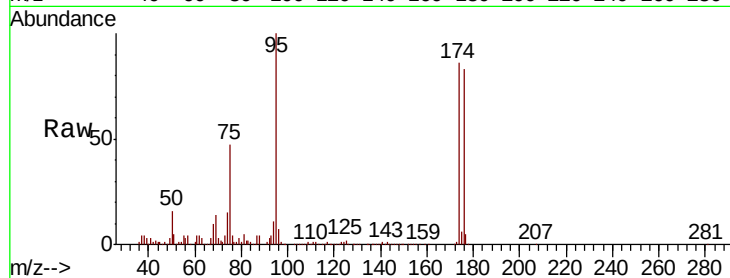
056_BT-1-2DL

Tot Ion: 75 Resp: 389528

Ion Ratio Lower Upper

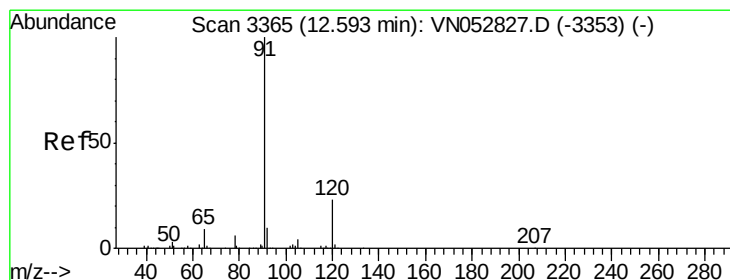
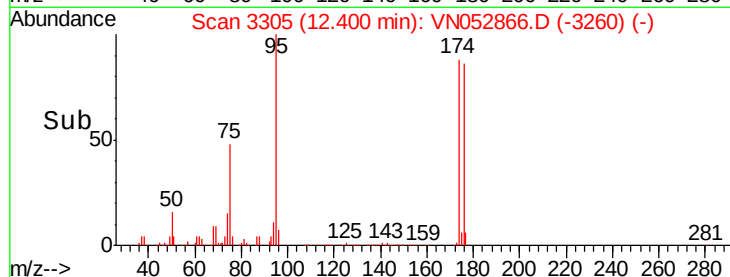
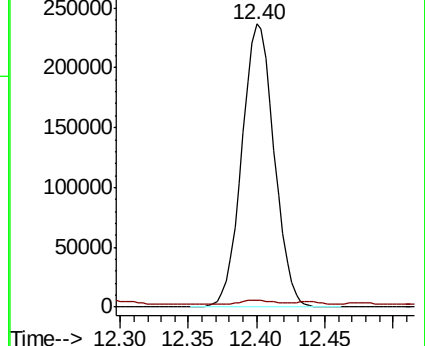
75 100

77 1.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#78

n-propylbenzene

Concen: 6.240 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.00 min

Lab File: VN052866.D

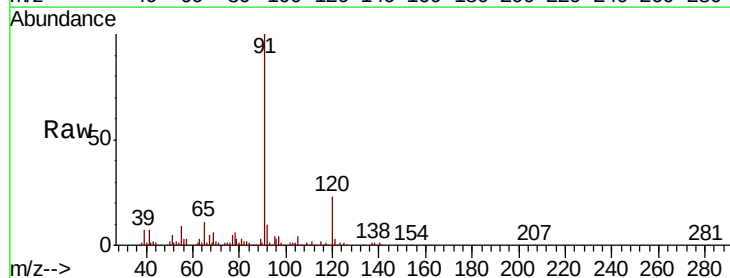
Acq: 13 Dec 2018 16:01

Tgt Ion: 91 Resp: 420709

Ion Ratio Lower Upper

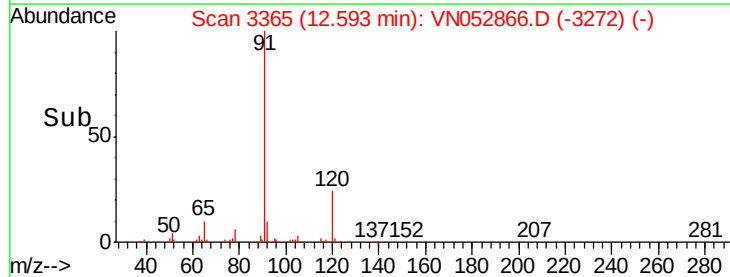
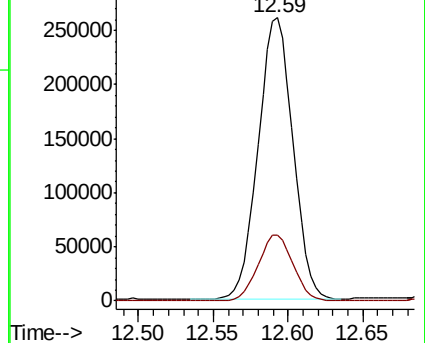
91 100

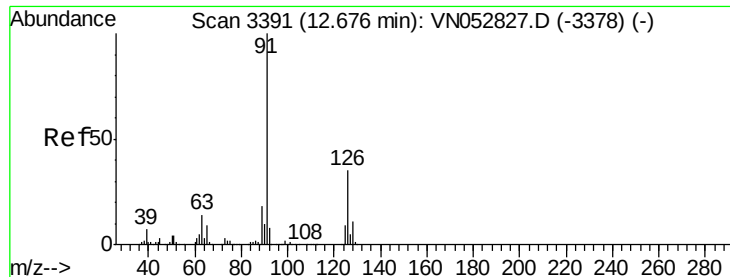
120 23.4 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 10.555 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.08 min

Lab File: VN052866.D

Acq: 13 Dec 2018 16:01

Instrument :

MSVOA_N

ClientSampleId :

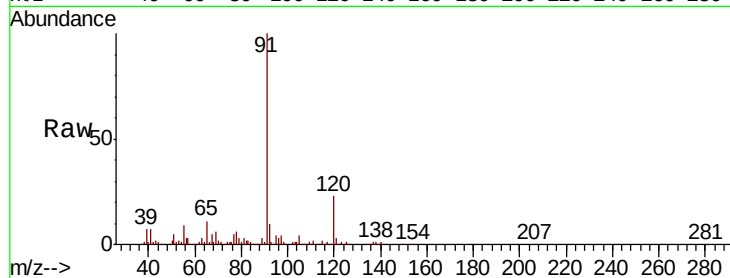
056_BT-1-2DL

Tot Ion: 91 Resp: 420709

Ion Ratio Lower Upper

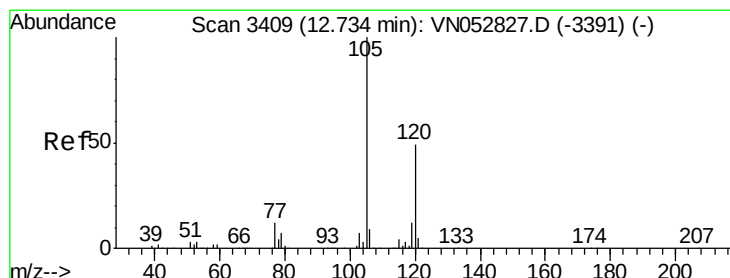
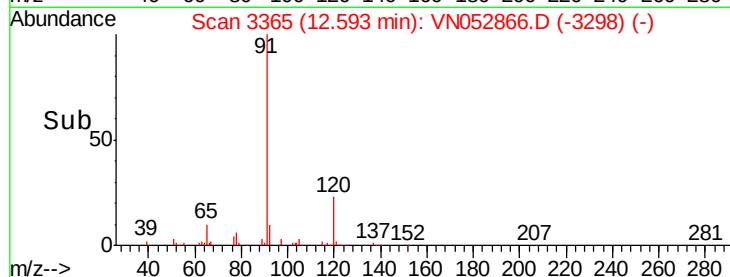
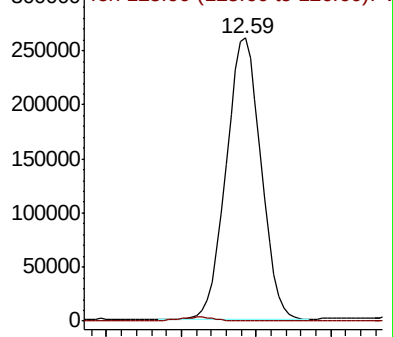
91 100

126 0.0 17.4 52.3#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 0.692 ug/l

RT: 12.89 min Scan# 3458

Delta R.T. 0.16 min

Lab File: VN052866.D

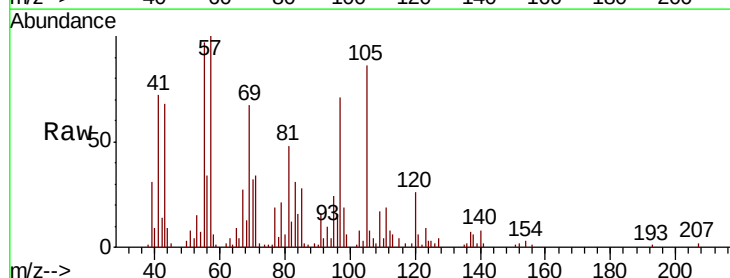
Acq: 13 Dec 2018 16:01

Tgt Ion:105 Resp: 33005

Ion Ratio Lower Upper

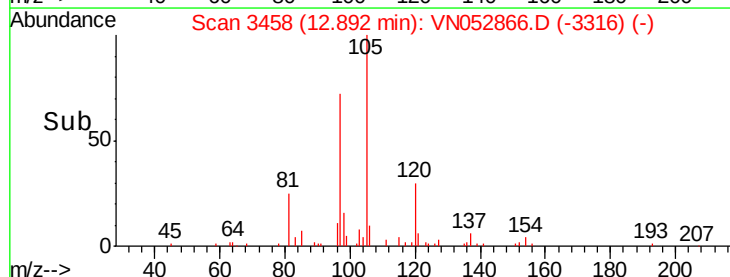
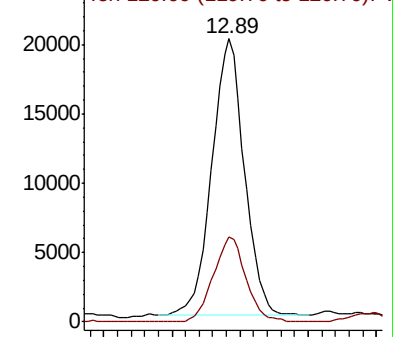
105 100

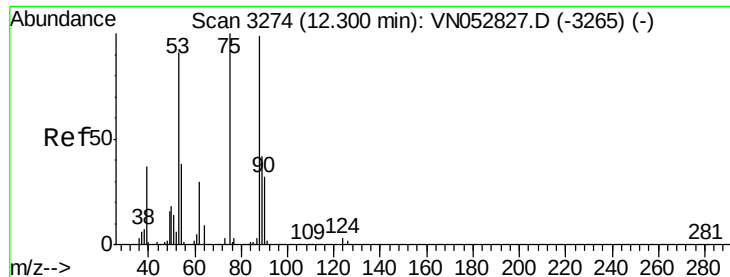
120 30.6 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 107.118 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN052866.D

Acq: 13 Dec 2018 16:01

Instrument :

MSVOA_N

ClientSampleId :

056_BT-1-2DL

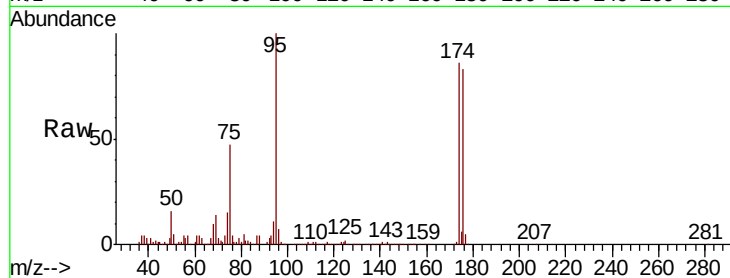
Tot Ion: 75 Resp: 389528

Ion Ratio Lower Upper

75 100

53 0.5 74.7 112.1#

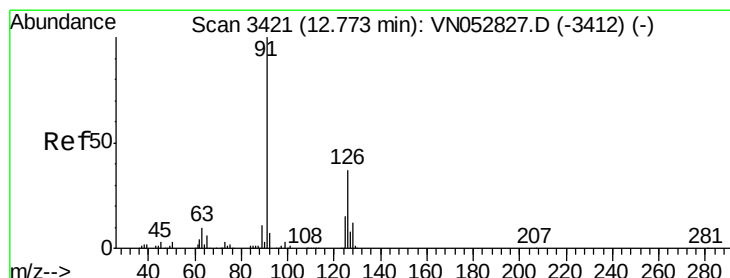
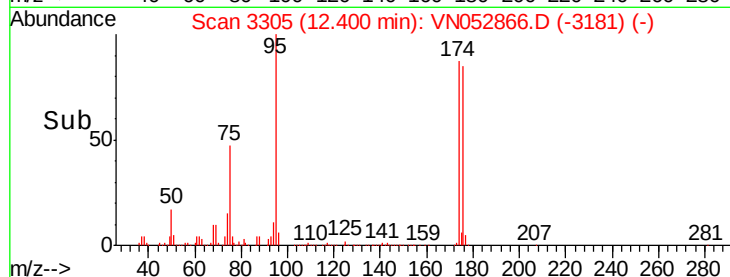
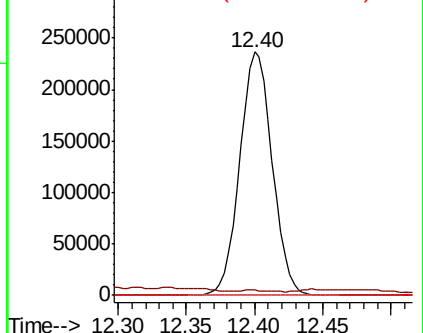
89 0.0 36.1 54.1#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 10.323 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.18 min

Lab File: VN052866.D

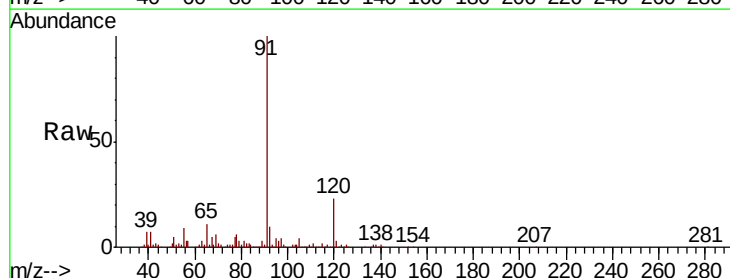
Acq: 13 Dec 2018 16:01

Tgt Ion: 91 Resp: 420709

Ion Ratio Lower Upper

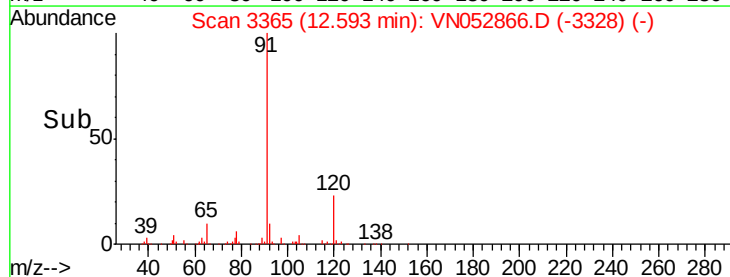
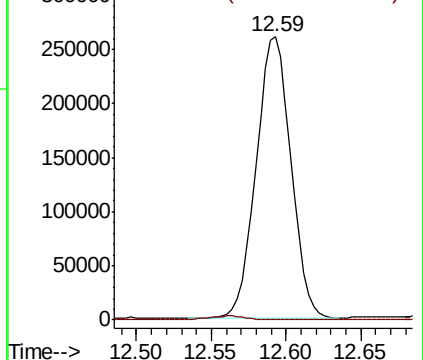
91 100

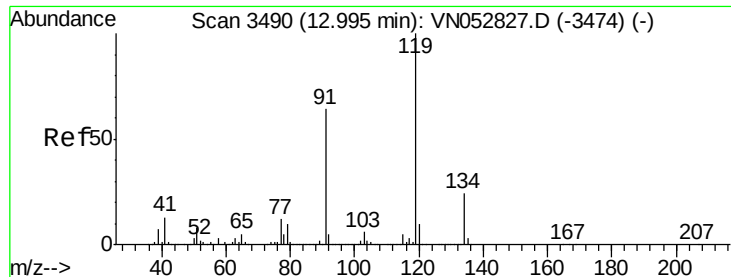
126 0.0 17.3 51.7#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

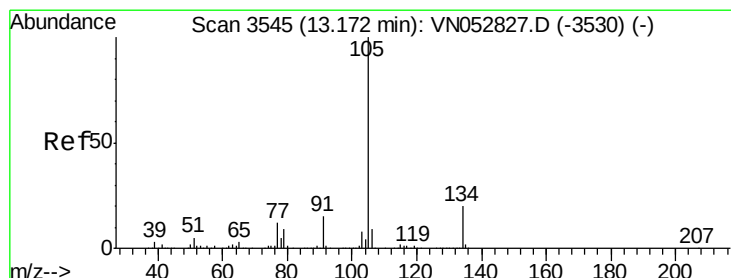
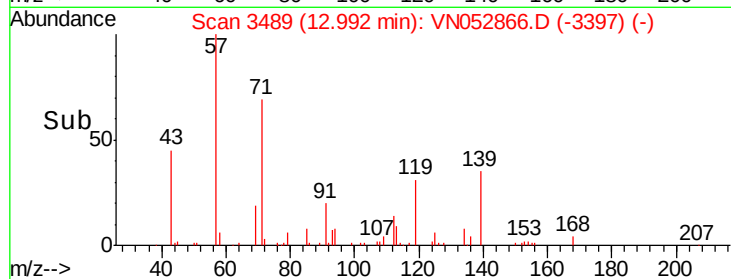
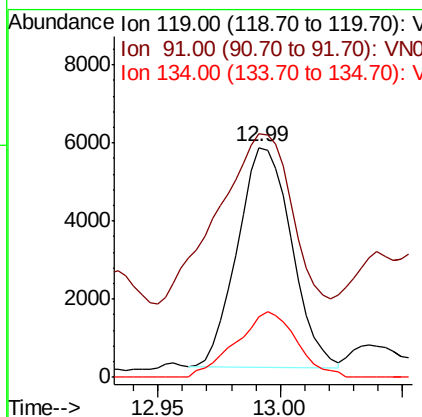
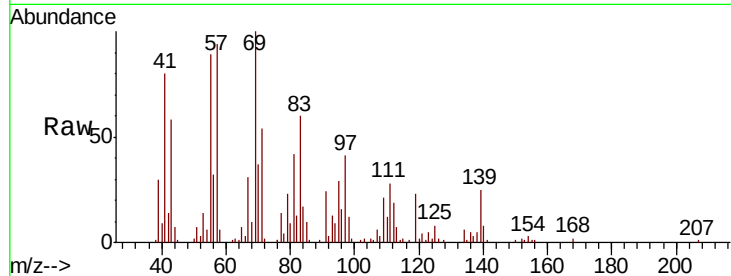




#83
tert-Butylbenzene
Concen: 0.206 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. -0.00 min
Lab File: VN052866.D
Acq: 13 Dec 2018 16:01

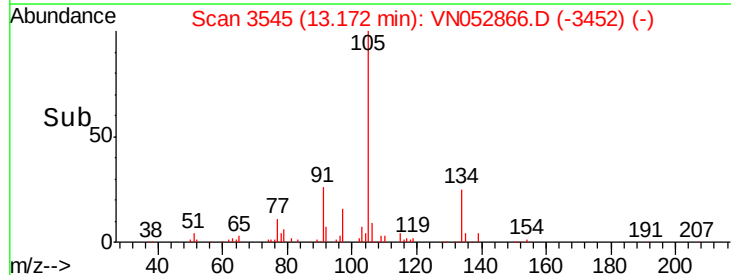
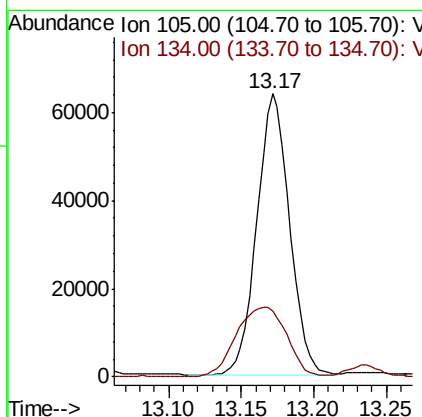
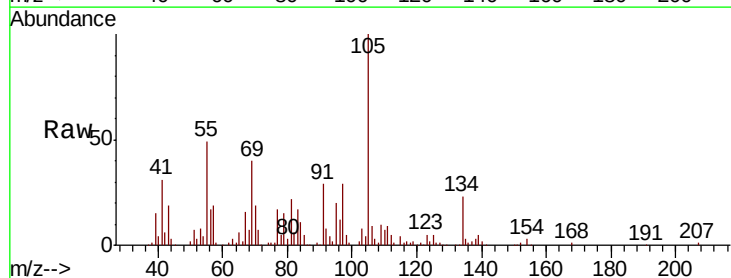
Instrument :
MSVOA_N
ClientSampled :
056_BT-1-2DL

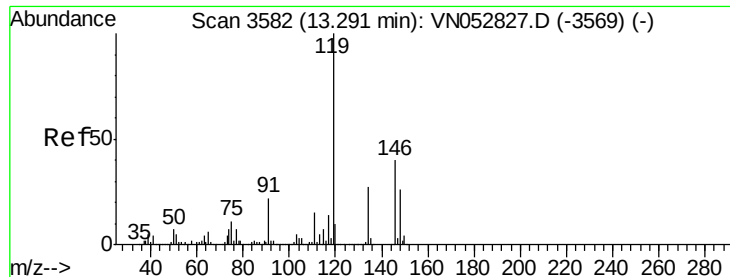
Tot Ion:119 Resp: 8656
Ion Ratio Lower Upper
119 100
91 104.2 31.9 95.5#
134 33.6 12.8 38.4



#85
sec-Butylbenzene
Concen: 1.769 ug/l
RT: 13.17 min Scan# 3545
Delta R.T. -0.00 min
Lab File: VN052866.D
Acq: 13 Dec 2018 16:01

Tgt Ion:105 Resp: 100883
Ion Ratio Lower Upper
105 100
134 37.8 10.1 30.3#

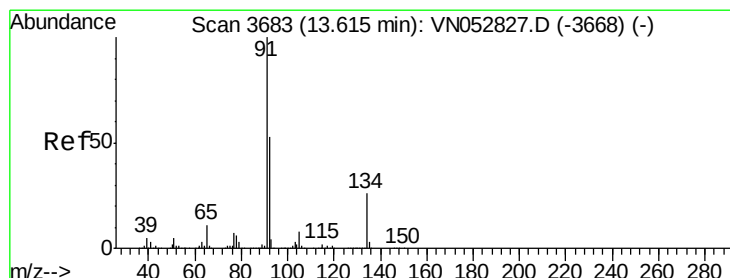
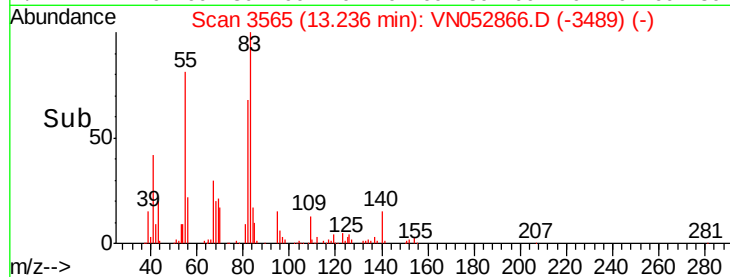
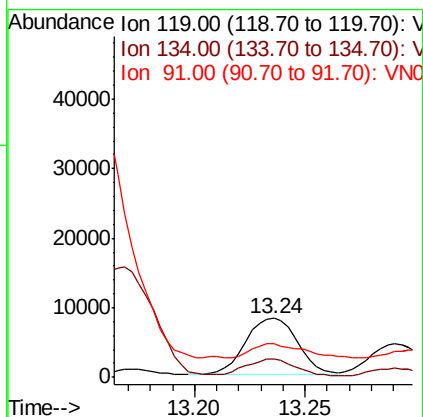
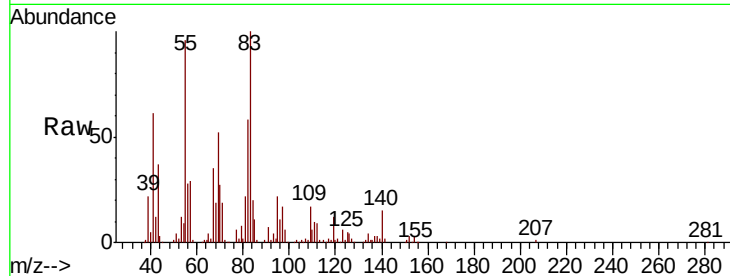




#86
 p-Isopropyltoluene
 Concen: 0.269 ug/l
 RT: 13.24 min Scan# 3565
 Delta R.T. -0.05 min
 Lab File: VN052866.D
 Acq: 13 Dec 2018 16:01

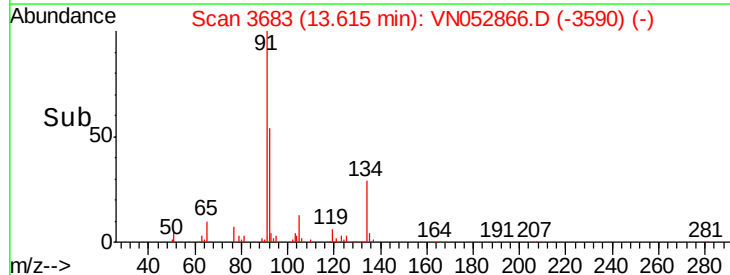
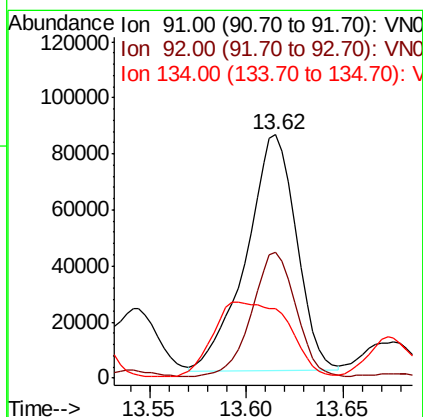
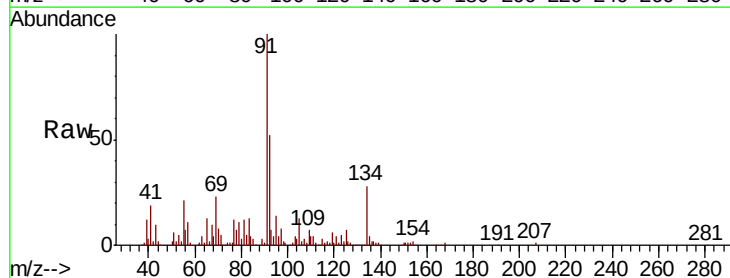
Instrument :
 MSVOA_N
 ClientSampleId :
 056_BT-1-2DL

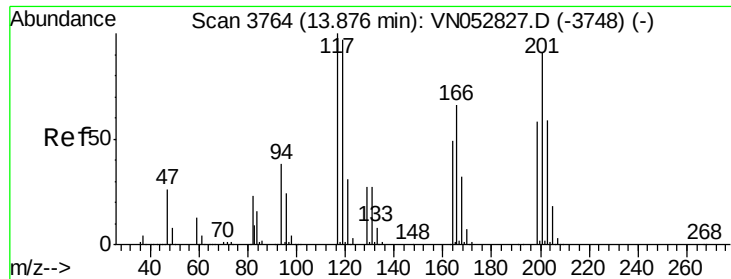
Tot Ion	Ratio	Lower	Upper
119	100		
134	30.9	13.4	40.2
91	24.4	11.1	33.3



#89
 n-Butylbenzene
 Concen: 3.661 ug/l
 RT: 13.62 min Scan# 3683
 Delta R.T. -0.00 min
 Lab File: VN052866.D
 Acq: 13 Dec 2018 16:01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	46.0	26.3	78.9
134	0.0	13.3	39.8#





#90

Hexachloroethane

Concen: 7.798 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.01 min

Lab File: VN052866.D

Acq: 13 Dec 2018 16:01

Instrument :

MSVOA_N

ClientSampleId :

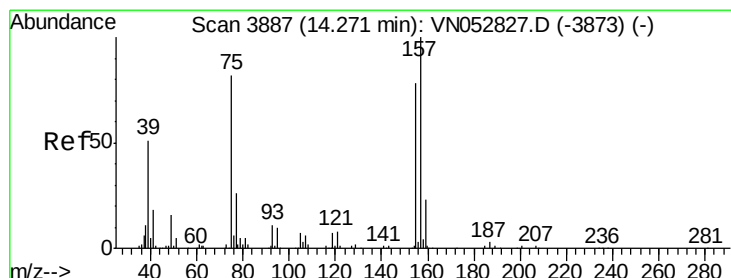
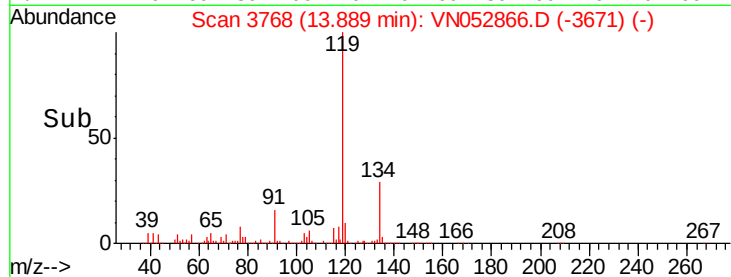
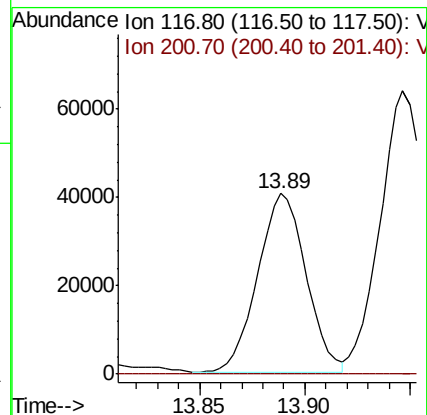
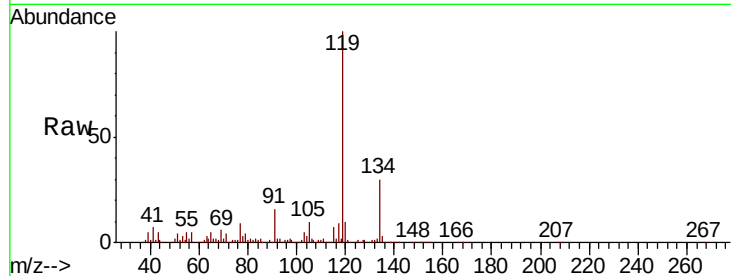
056_BT-1-2DL

Tot Ion:117 Resp: 64497

Ion Ratio Lower Upper

117 100

201 0.0 45.7 137.1#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.640 ug/l

RT: 14.29 min Scan# 3893

Delta R.T. 0.02 min

Lab File: VN052866.D

Acq: 13 Dec 2018 16:01

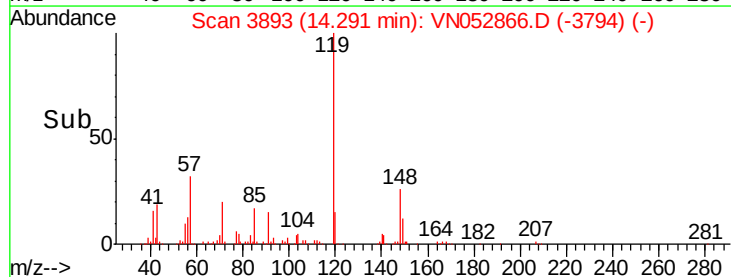
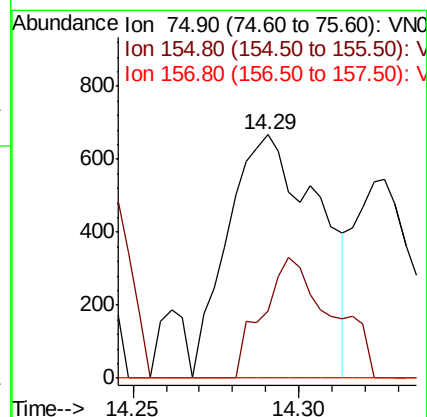
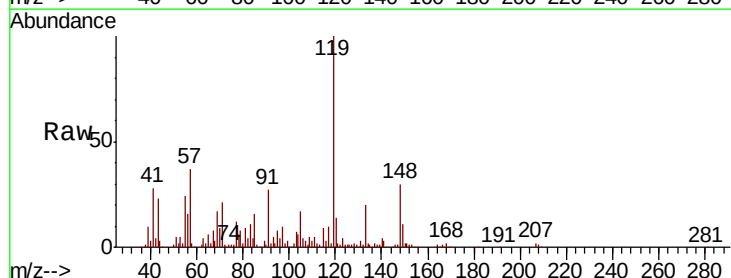
Tgt Ion: 75 Resp: 1279

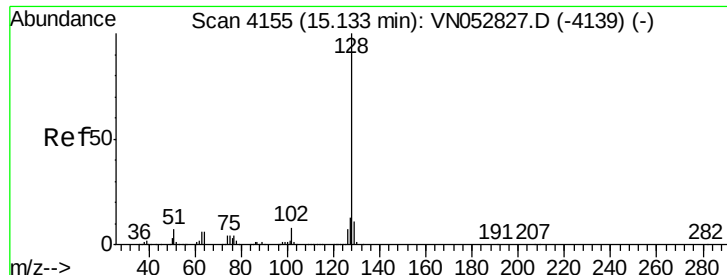
Ion Ratio Lower Upper

75 100

155 37.2 48.2 144.6#

157 0.0 61.2 183.5#





#95
 Naphthalene
 Concen: 0.360 ug/l
 RT: 15.14 min Scan# 4156
 Delta R.T. 0.00 min
 Lab File: VN052866.D
 Acq: 13 Dec 2018 16:01

Instrument :
 MSVOA_N
 ClientSampleId :
 056_BT-1-2DL

Tot Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.4#
129	0.0	8.6	13.0#

