

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030219\
 Data File : VN054054.D
 Acq On : 2 Mar 2019 2:23
 Operator : JC/SP
 Sample : K1675-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 Z-3-2-B

Quant Time: Mar 02 04:51:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 28 04:05:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	610393	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1133913	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1119609	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	402556	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	405374	56.65	ug/l	0.00
Spiked Amount			Recovery	=	113.30%	
35) Dibromofluoromethane	7.59	113	363839	49.62	ug/l	0.00
Spiked Amount			Recovery	=	99.24%	
50) Toluene-d8	10.09	98	1448205	53.06	ug/l	0.00
Spiked Amount			Recovery	=	106.12%	
62) 4-Bromofluorobenzene	12.40	95	480626	52.85	ug/l	0.00
Spiked Amount			Recovery	=	105.70%	

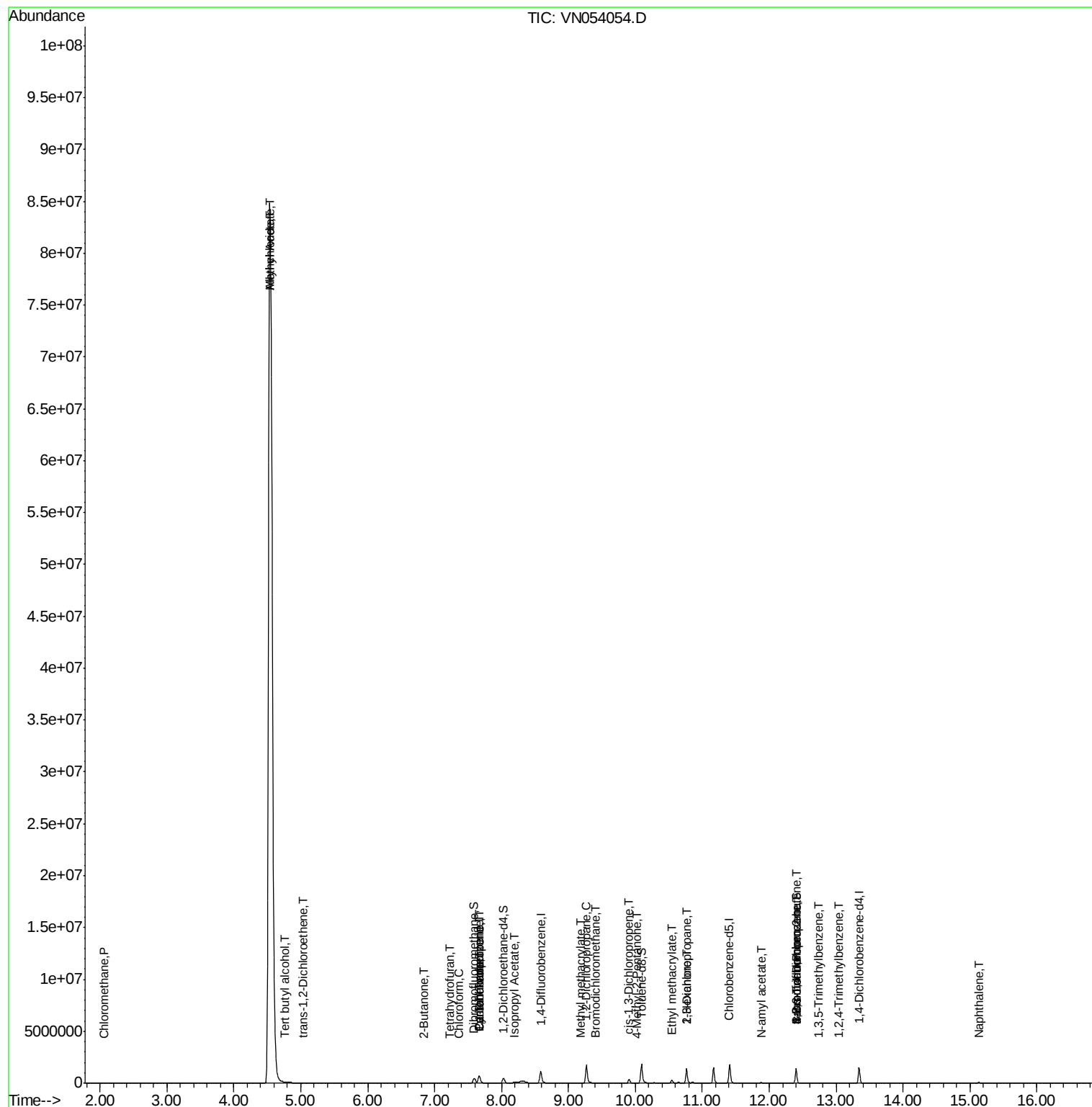
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	2863	0.367	ug/l	93
11) Tert butyl alcohol	4.77	59	364	0.802	ug/l #	73
14) Allyl chloride	4.54	41	4353742	411.964	ug/l #	27
16) Acetone	3.82	43	17466	Below Cal		91
18) Methyl Acetate	4.54	43	469575	93.855	ug/l #	80
21) trans-1,2-Dichloroethene	5.05	96	1977	0.303	ug/l	87
25) 2-Butanone	6.84	43	2118	0.754	ug/l	91
29) Tetrahydrofuran	7.22	42	2011	1.075	ug/l #	54
30) Chloroform	7.37	83	8552	0.705	ug/l	97
31) Cyclohexane	7.66	56	11267	0.580	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	42581	4.038	ug/l #	47
38) Carbon Tetrachloride	7.66	117	53294	4.859	ug/l #	17
43) Isopropyl Acetate	8.18	43	43626	3.432	ug/l #	83
45) 1,2-Dichloropropane	9.27	63	2249	0.257	ug/l #	44
47) Bromodichloromethane	9.40	83	3002	0.281	ug/l #	95
48) Methyl methacrylate	9.18	41	12136	2.075	ug/l #	12
51) 4-Methyl-2-Pentanone	10.02	43	9726	1.489	ug/l #	34
54) cis-1,3-Dichloropropene	9.90	75	73803	6.017	ug/l #	68
56) Ethyl methacrylate	10.54	69	1610	2.121	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	15025	1.248	ug/l #	43
59) 2-Hexanone	10.76	43	215430	50.704	ug/l #	48
71) Bromoform	12.41	173	3417	0.577	ug/l #	1
74) N-amyl acetate	11.88	43	22079	2.688	ug/l #	49
76) 1,2,3-Trichloropropane	12.40	75	237813	36.826	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	9147	0.357	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	237813	116.394	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	14762	0.576	ug/l	96
95) Naphthalene	15.13	128	43811	5.784	ug/l	99

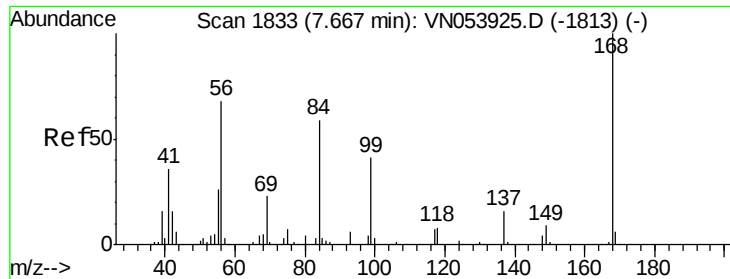
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030219\
Data File : VN054054.D
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Quant Time: Mar 02 04:51:32 2019
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Quant Title : SW846 8260
QLast Update : Thu Feb 28 04:05:45 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054054.D

Acq: 2 Mar 2019 2:23

Instrument :

MSVOA_N

ClientSampled :

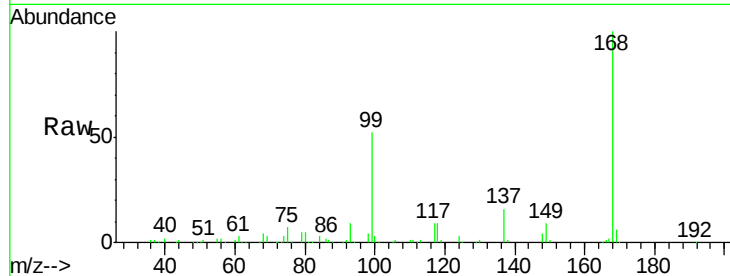
Z-3-2-B

Tot Ion:168 Resp: 610393

Ion Ratio Lower Upper

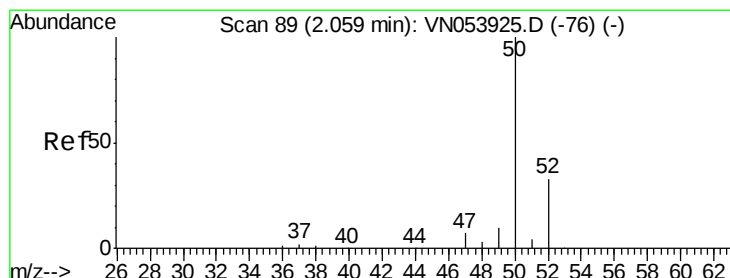
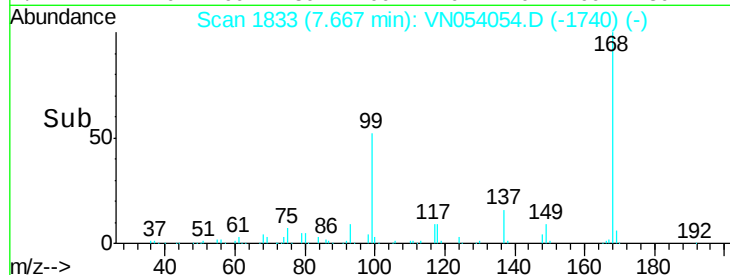
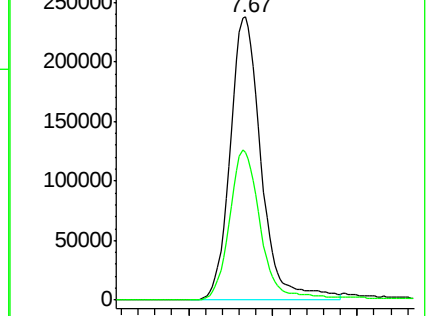
168 100

99 52.4 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#3

Chloromethane

Concen: 0.367 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN054054.D

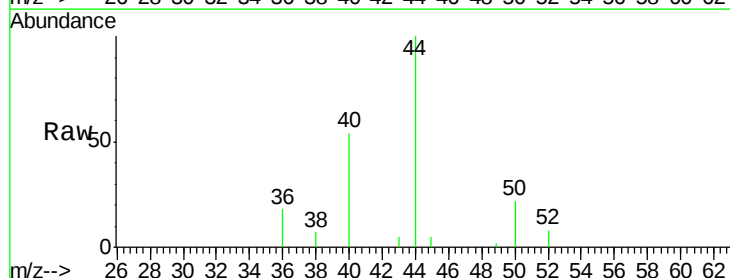
Acq: 2 Mar 2019 2:23

Tgt Ion: 50 Resp: 2863

Ion Ratio Lower Upper

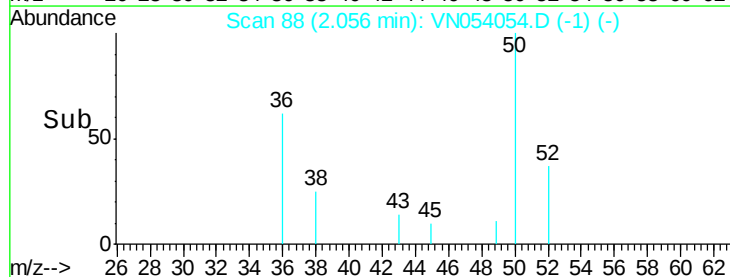
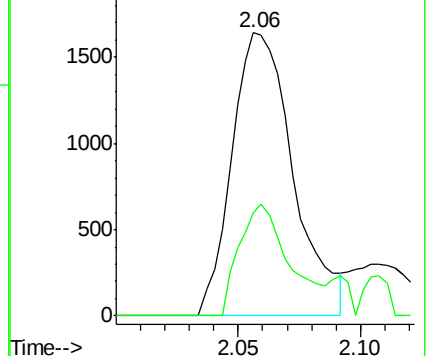
50 100

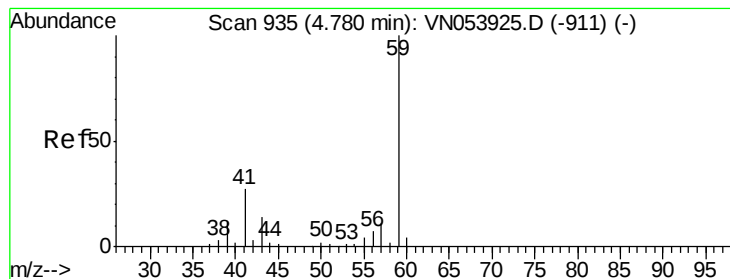
52 36.5 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



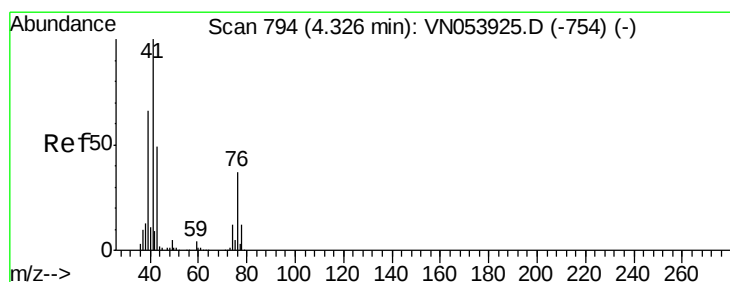
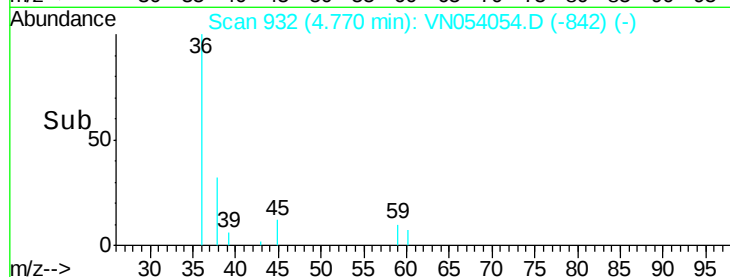
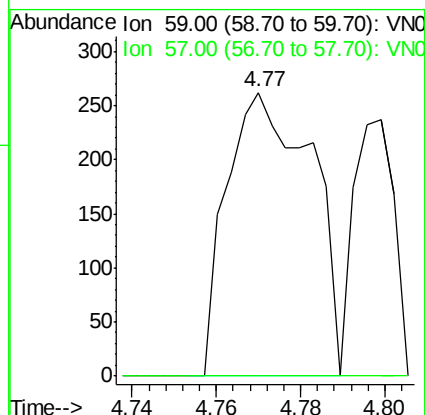
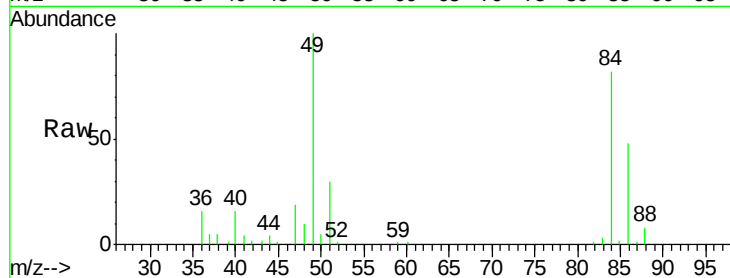


#11

Tert butyl alcohol
 Concen: 0.802 ug/l
 RT: 4.77 min Scan# 932
 Delta R.T. -0.01 min
 Lab File: VN054054.D
 Acq: 2 Mar 2019 2:23

Instrument :
 MSVOA_N
 ClientSampleId :
 Z-3-2-B

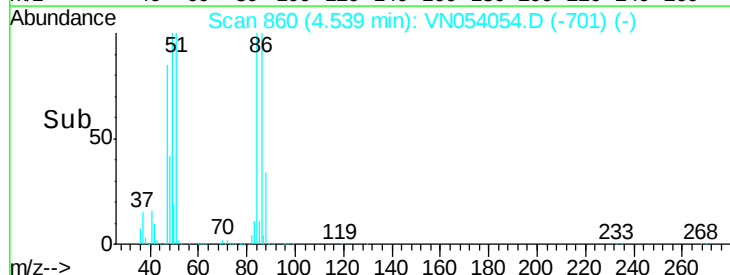
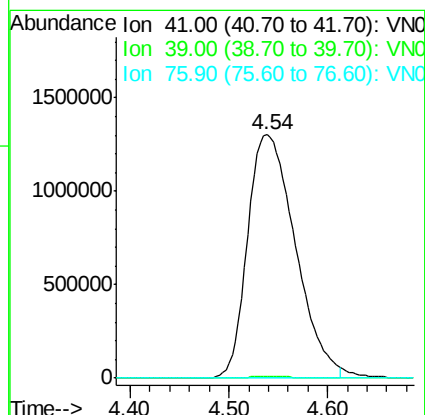
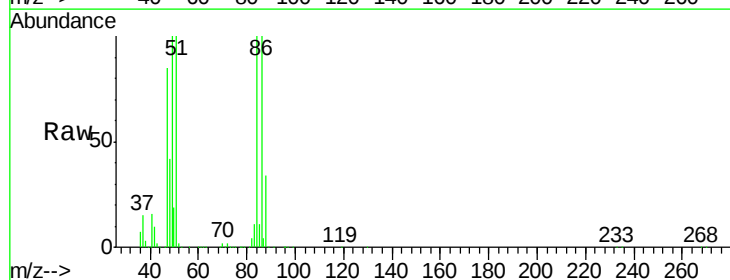
Tot Ion: 59 Resp: 364
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.1 12.1#

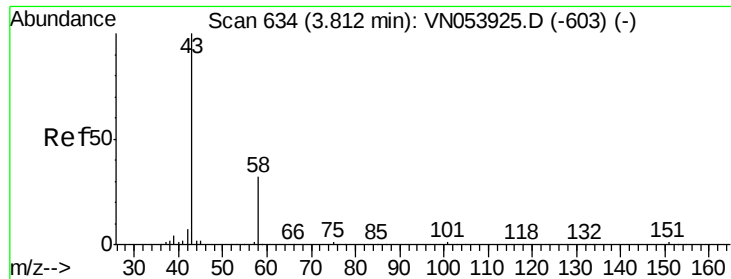


#14

Allyl chloride
 Concen: 411.964 ug/l
 RT: 4.54 min Scan# 860
 Delta R.T. 0.21 min
 Lab File: VN054054.D
 Acq: 2 Mar 2019 2:23

Tgt Ion: 41 Resp: 4353742
 Ion Ratio Lower Upper
 41 100
 39 0.7 48.8 73.2#
 76 0.0 30.9 46.3#





#16

Acetone

Concen: Below Cal

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN054054.D

Acq: 2 Mar 2019 2:23

Instrument :

MSVOA_N

ClientSampled :

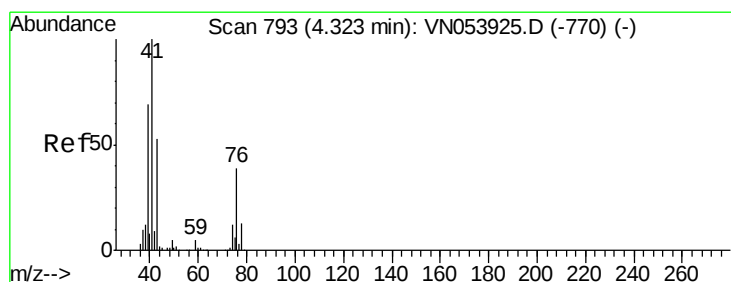
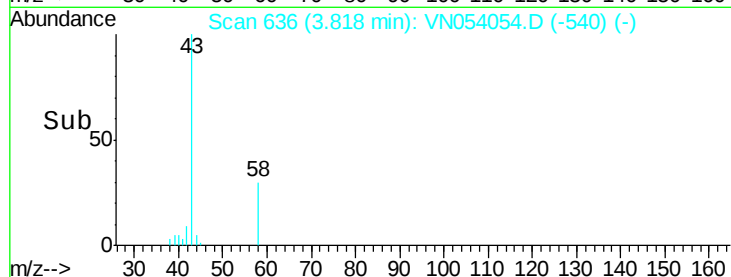
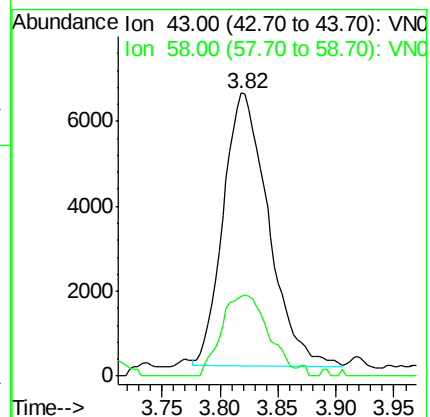
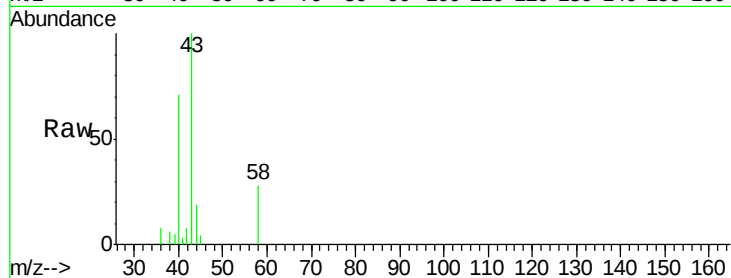
Z-3-2-B

Tot Ion: 43 Resp: 17466

Ion Ratio Lower Upper

43 100

58 29.4 27.6 41.4



#18

Methyl Acetate

Concen: 93.855 ug/l

RT: 4.54 min Scan# 860

Delta R.T. 0.22 min

Lab File: VN054054.D

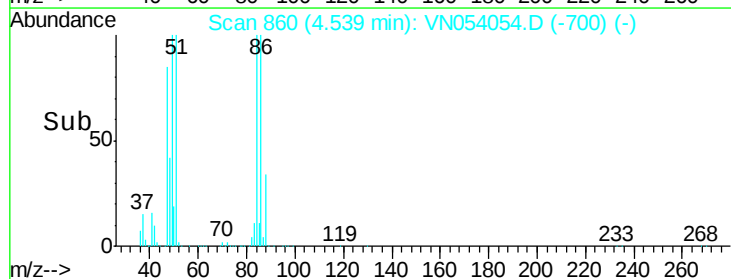
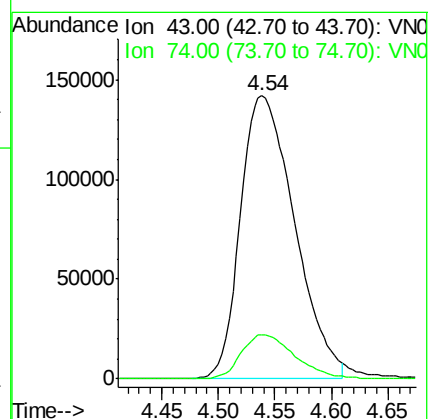
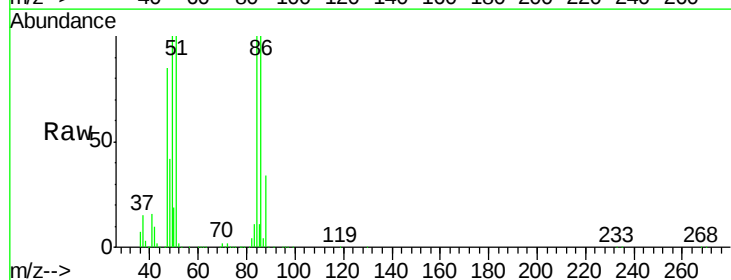
Acq: 2 Mar 2019 2:23

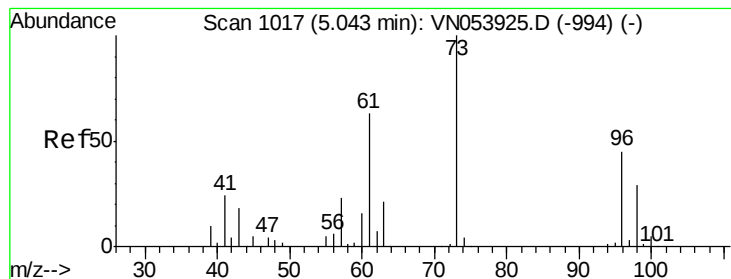
Tgt Ion: 43 Resp: 469575

Ion Ratio Lower Upper

43 100

74 15.4 20.5 30.7#





#21

trans-1,2-Dichloroethene

Concen: 0.303 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VN054054.D

Acq: 2 Mar 2019 2:23

Instrument :

MSVOA_N

ClientSampled :

Z-3-2-B

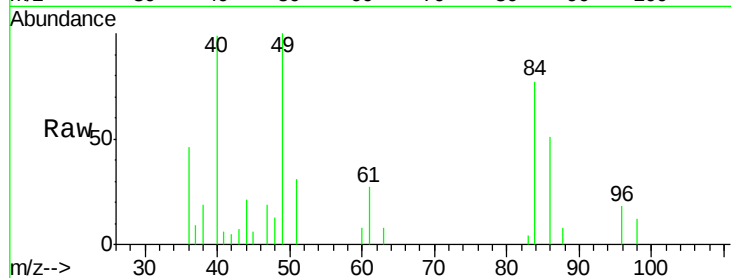
Tot Ion: 96 Resp: 1977

Ion Ratio Lower Upper

96 100

61 149.5 104.5 156.7

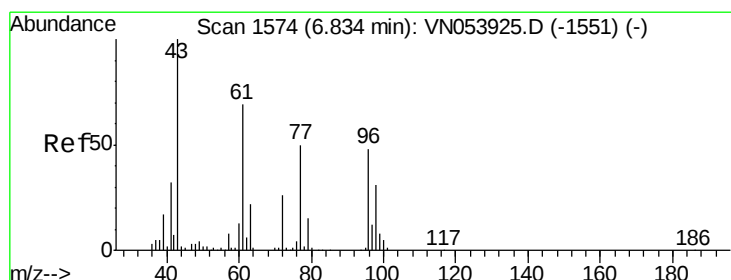
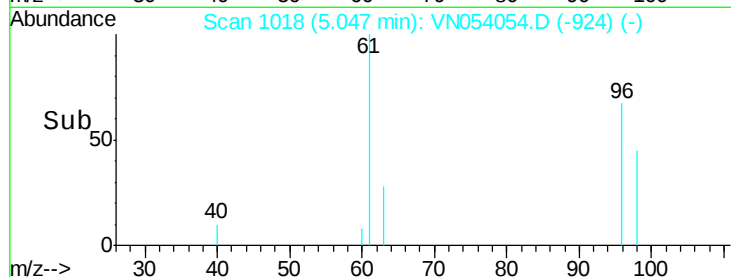
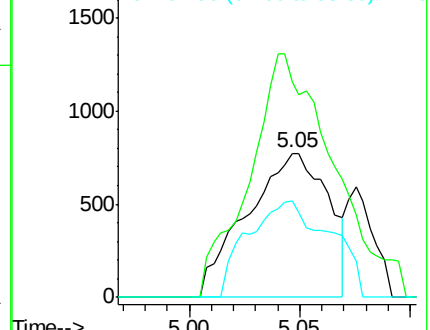
98 67.1 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#25

2-Butanone

Concen: 0.754 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. 0.01 min

Lab File: VN054054.D

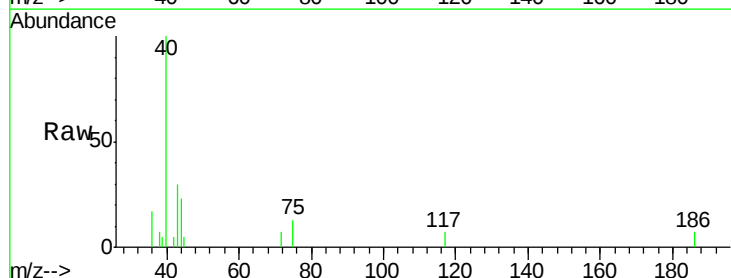
Acq: 2 Mar 2019 2:23

Tgt Ion: 43 Resp: 2118

Ion Ratio Lower Upper

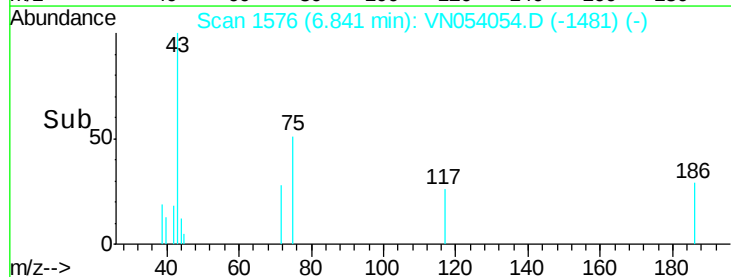
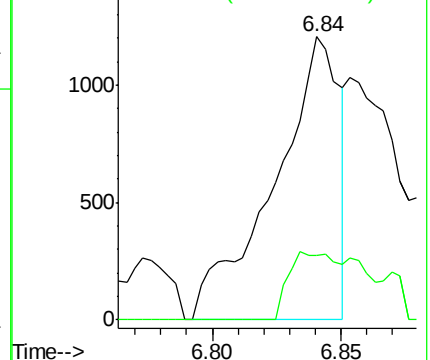
43 100

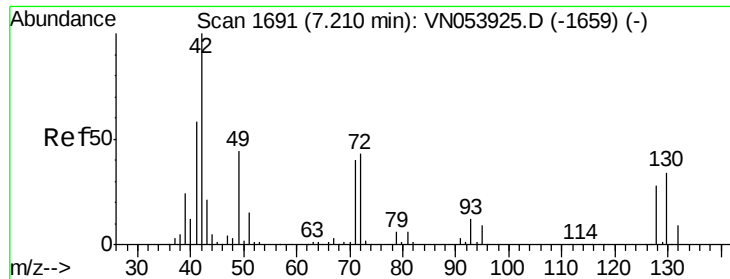
72 22.9 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0





#29

Tetrahydrofuran

Concen: 1.075 ug/l

RT: 7.22 min Scan# 1694

Delta R.T. 0.01 min

Lab File: VN054054.D

Acq: 2 Mar 2019 2:23

Instrument :

MSVOA_N

ClientSampled :

Z-3-2-B

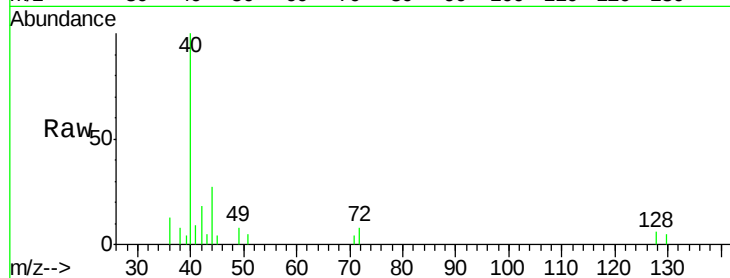
Tot Ion: 42 Resp: 2011

Ion Ratio Lower Upper

42 100

72 24.0 36.9 55.3#

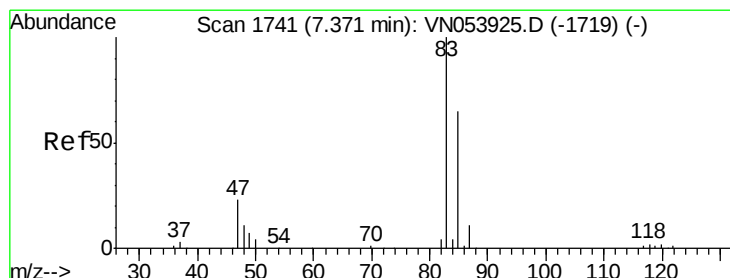
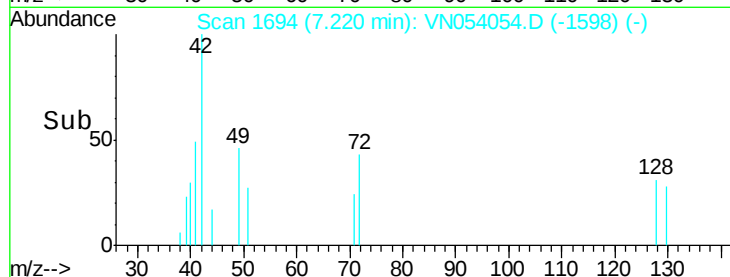
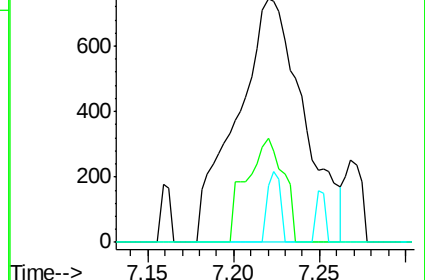
71 5.6 34.6 52.0#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 0.705 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VN054054.D

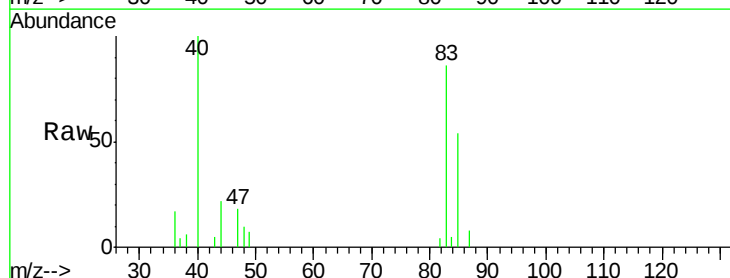
Acq: 2 Mar 2019 2:23

Tgt Ion: 83 Resp: 8552

Ion Ratio Lower Upper

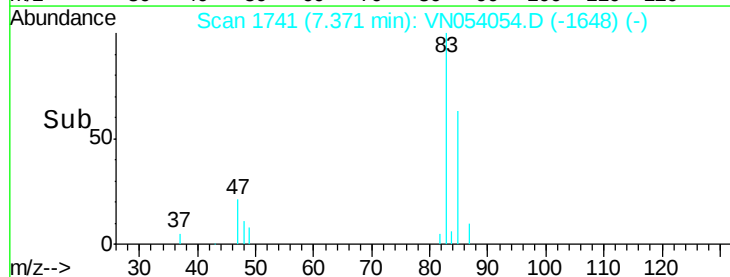
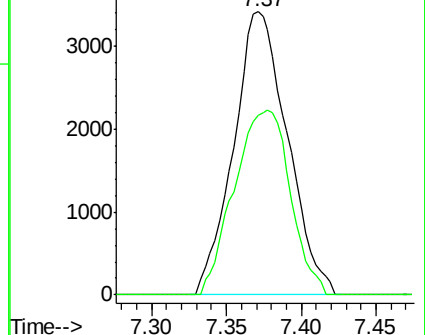
83 100

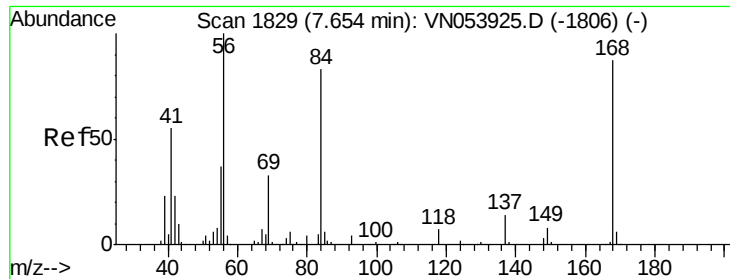
85 63.3 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

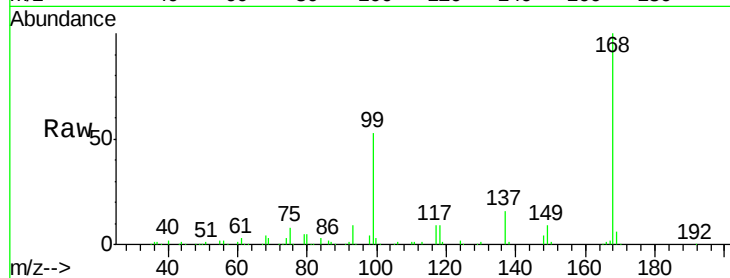




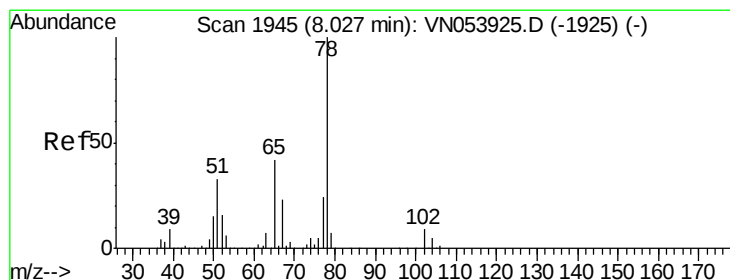
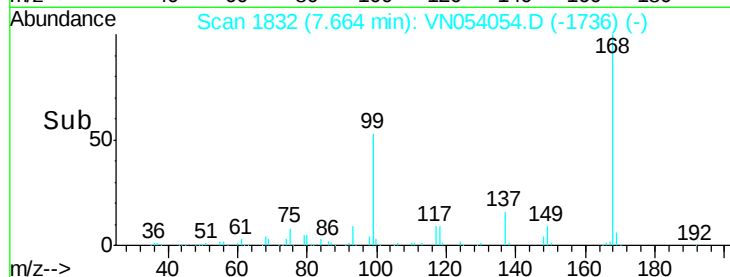
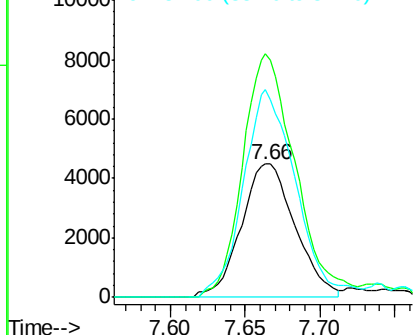
#31
Cyclohexane
Concen: 0.580 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN054054.D
Acq: 2 Mar 2019 2:23

Instrument :
MSVOA_N
ClientSampled :
Z-3-2-B

Tot Ion: 56 Resp: 11267
Ion Ratio Lower Upper
56 100
69 182.9 26.0 39.0#
84 156.3 69.1 103.7#

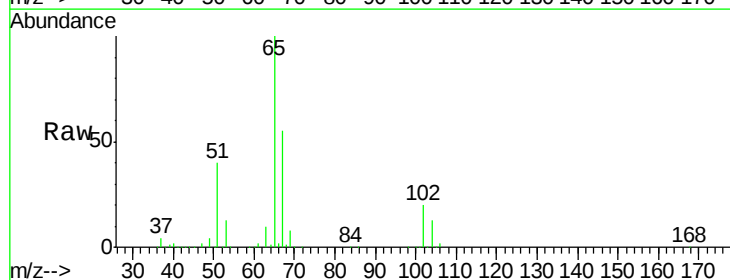


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

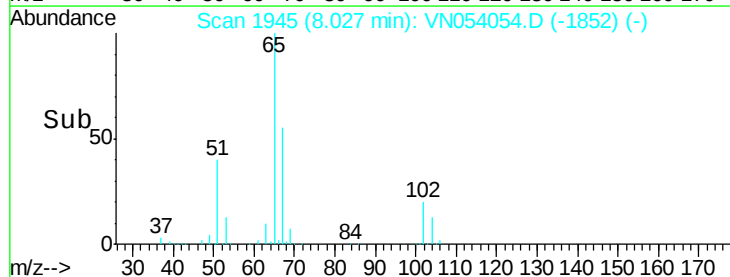
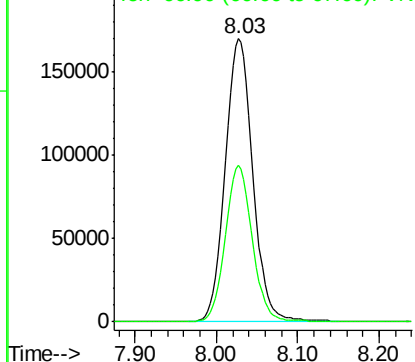


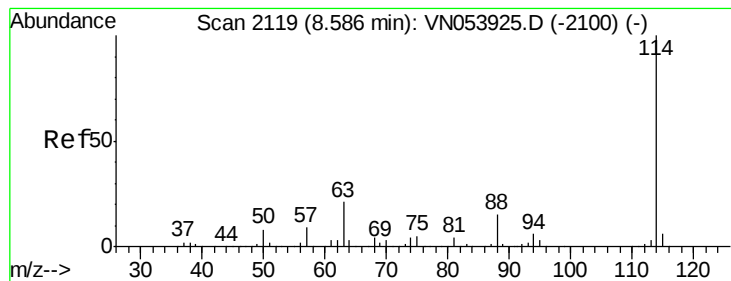
#33
1,2-Dichloroethane-d4
Concen: 56.655 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN054054.D
Acq: 2 Mar 2019 2:23

Tgt Ion: 65 Resp: 405374
Ion Ratio Lower Upper
65 100
67 54.2 0.0 111.8



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: VN054054.D

Acq: 2 Mar 2019 2:23

Instrument :

MSVOA_N

ClientSampleId :

Z-3-2-B

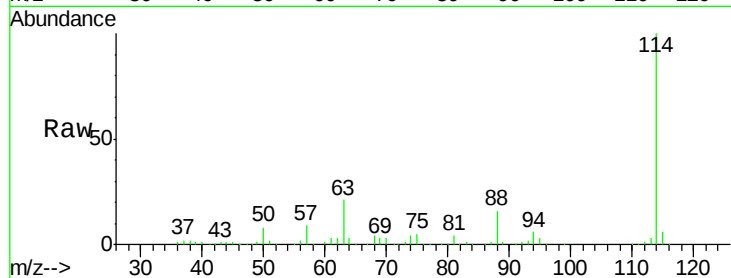
Tot Ion:114 Resp: 1133913

Ion Ratio Lower Upper

114 100

63 20.7 0.0 37.4

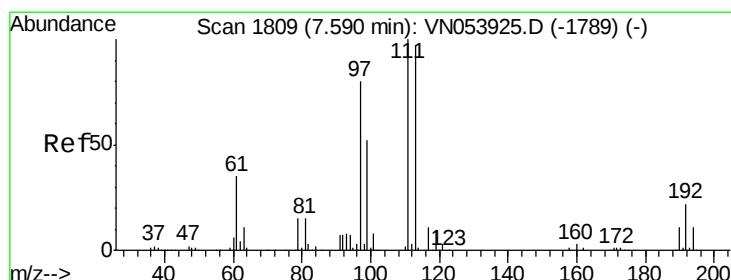
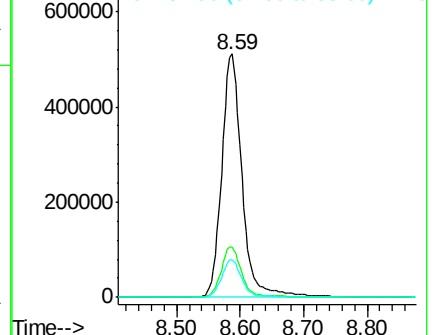
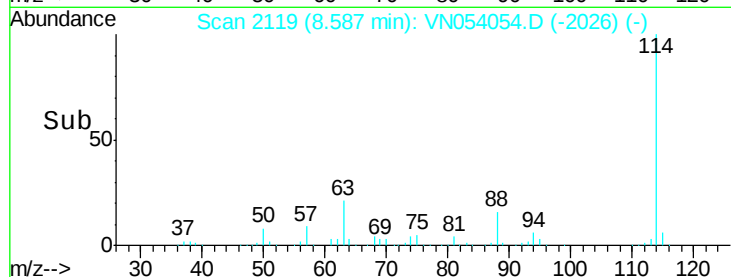
88 15.5 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 49.620 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN054054.D

Acq: 2 Mar 2019 2:23

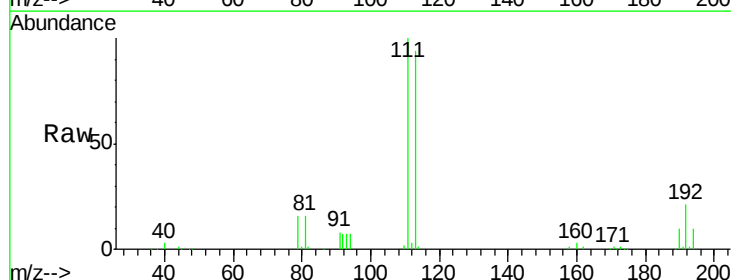
Tgt Ion:113 Resp: 363839

Ion Ratio Lower Upper

113 100

111 104.3 81.1 121.7

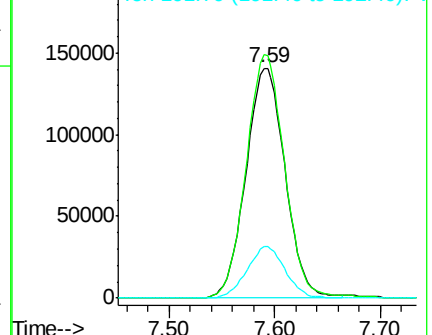
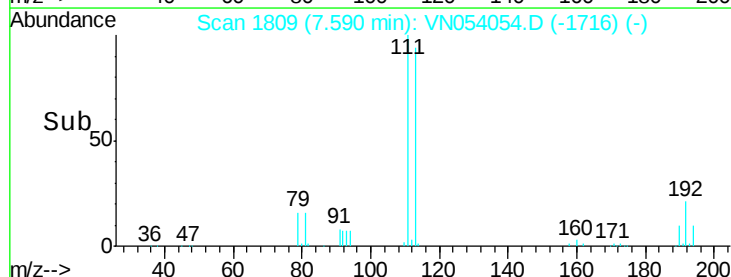
192 21.8 18.8 28.2

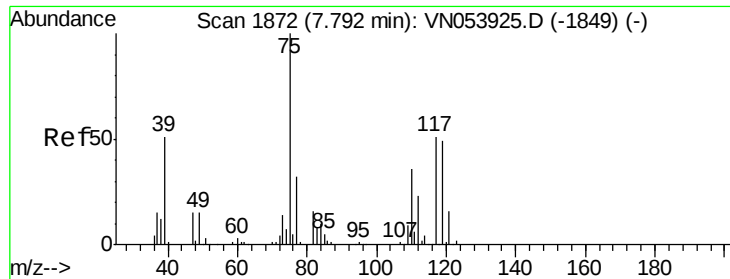


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

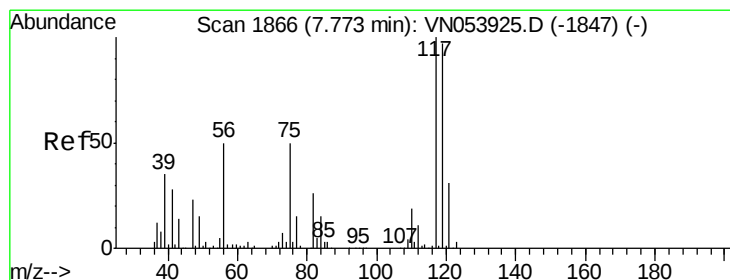
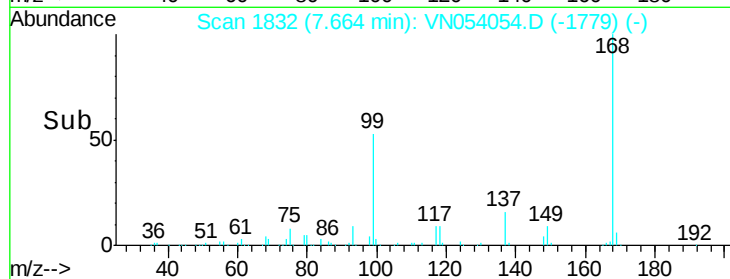
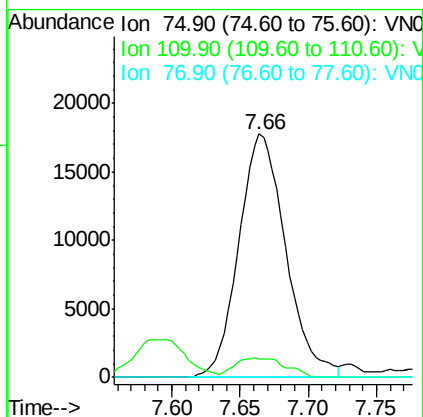
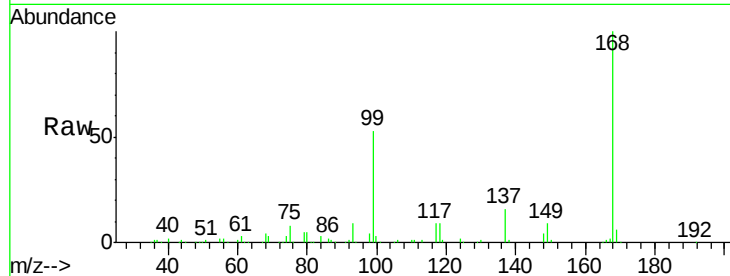




#36
 1,1-Dichloropropene
 Concen: 4.038 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN054054.D
 Acq: 2 Mar 2019 2:23

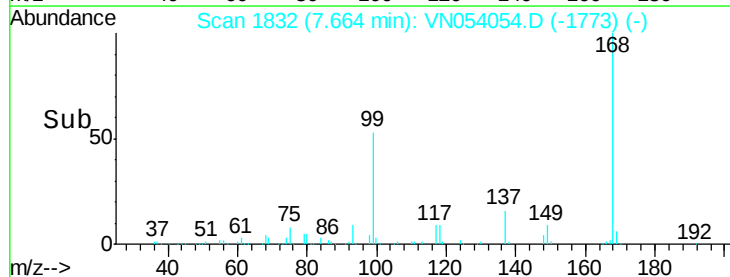
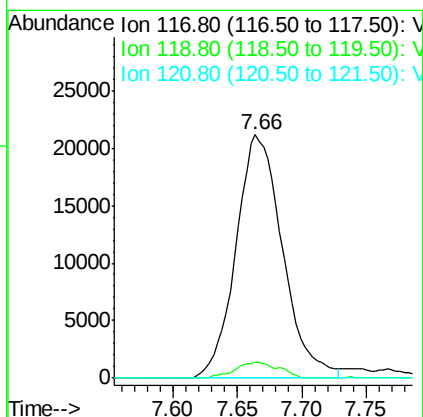
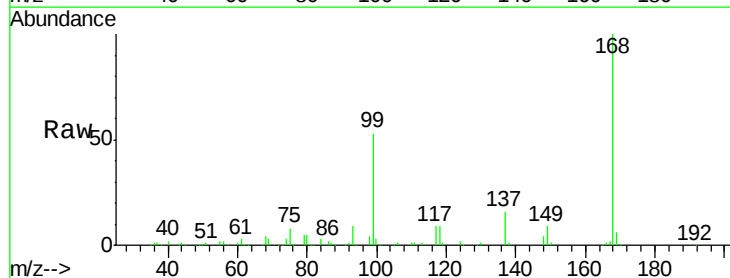
Instrument :
 MSVOA_N
 ClientSampled :
 Z-3-2-B

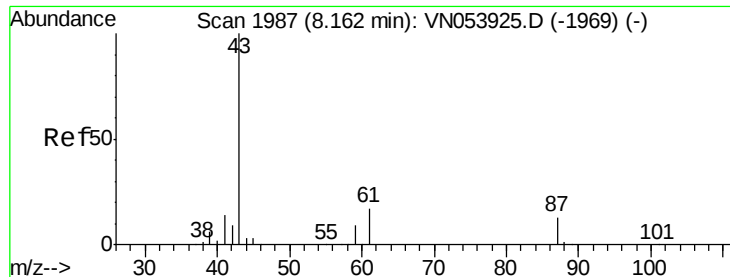
Tot Ion	75	Resp	42581
Ion Ratio	100	Lower	Upper
75	100		
110	8.6	19.0	57.0#
77	0.0	25.4	38.0#



#38
 Carbon Tetrachloride
 Concen: 4.859 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN054054.D
 Acq: 2 Mar 2019 2:23

Tgt Ion	117	Resp	53294
Ion Ratio	100	Lower	Upper
117	100		
119	6.3	76.2	114.2#
121	0.0	24.6	36.8#





#43

Isopropyl Acetate

Concen: 3.432 ug/l

RT: 8.18 min Scan# 1991

Delta R.T. 0.01 min

Lab File: VN054054.D

Acq: 2 Mar 2019 2:23

Instrument :

MSVOA_N

ClientSampleId :

Z-3-2-B

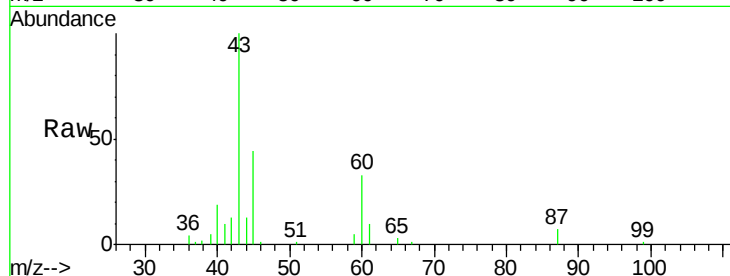
Tot Ion: 43 Resp: 43626

Ion Ratio Lower Upper

43 100

61 13.7 17.4 26.0#

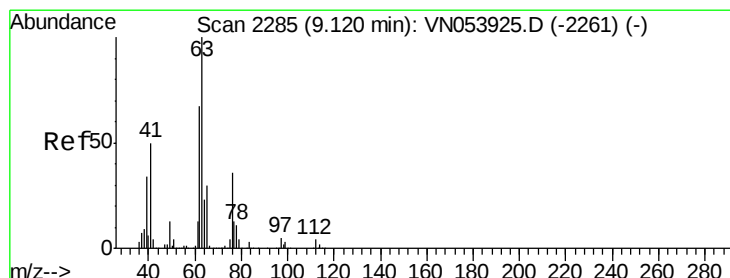
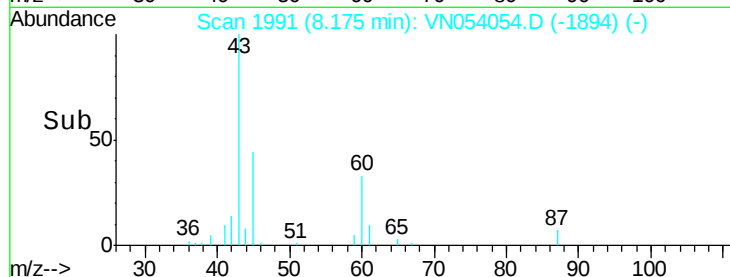
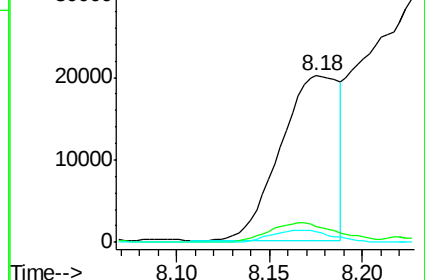
87 7.7 11.5 17.3#



Abundance Ion 43.00 (42.70 to 43.70): VN053925.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN053925.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN053925.D (-1969) (-)



#45

1,2-Dichloropropane

Concen: 0.257 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.15 min

Lab File: VN054054.D

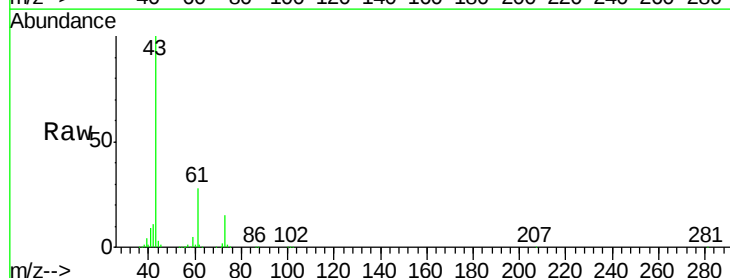
Acq: 2 Mar 2019 2:23

Tgt Ion: 63 Resp: 2249

Ion Ratio Lower Upper

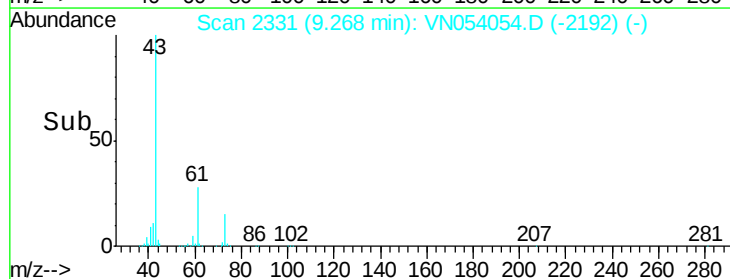
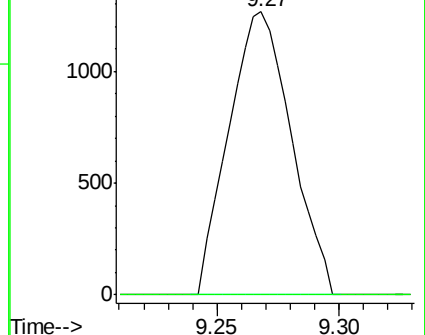
63 100

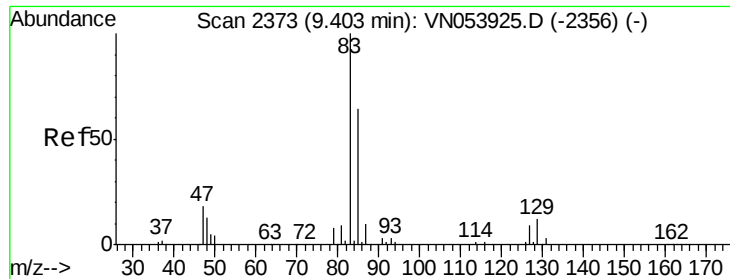
65 0.0 24.3 36.5#



Abundance Ion 62.90 (62.60 to 63.60): VN053925.D (-2261) (-)

Ion 64.90 (64.60 to 65.60): VN053925.D (-2261) (-)





#47

Bromodichloromethane

Concen: 0.281 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN054054.D

Acq: 2 Mar 2019 2:23

Instrument :

MSVOA_N

ClientSampled :

Z-3-2-B

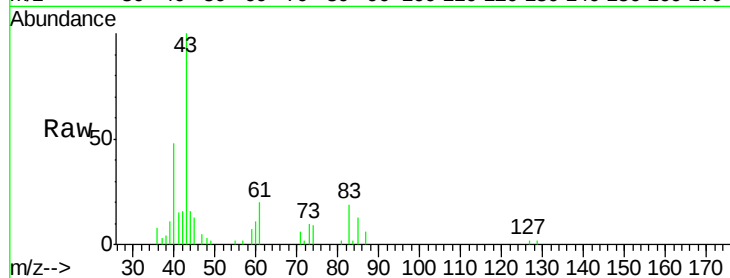
Tot Ion: 83 Resp: 3002

Ion Ratio Lower Upper

83 100

85 68.3 51.8 77.6

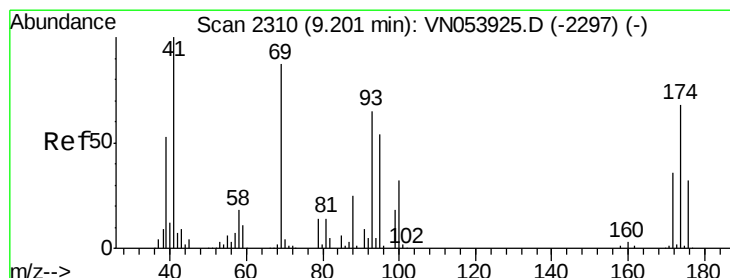
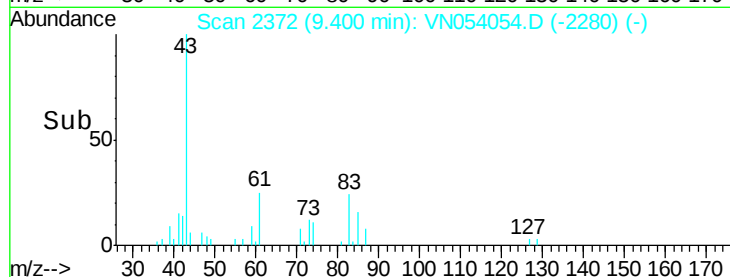
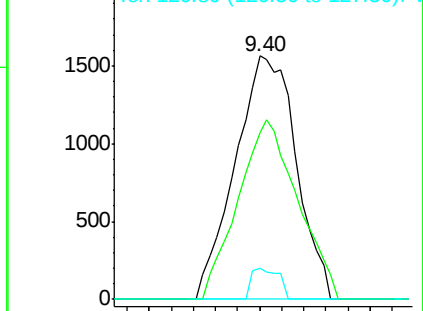
127 12.5 7.4 11.0#



Abundance Ion 82.90 (82.60 to 83.60): VNC

Ion 84.90 (84.60 to 85.60): VNC

Ion 126.80 (126.50 to 127.50): VNC



#48

Methyl methacrylate

Concen: 2.075 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.02 min

Lab File: VN054054.D

Acq: 2 Mar 2019 2:23

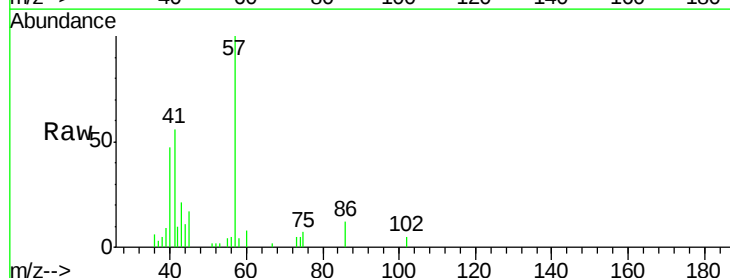
Tgt Ion: 41 Resp: 12136

Ion Ratio Lower Upper

41 100

69 0.0 74.8 112.2#

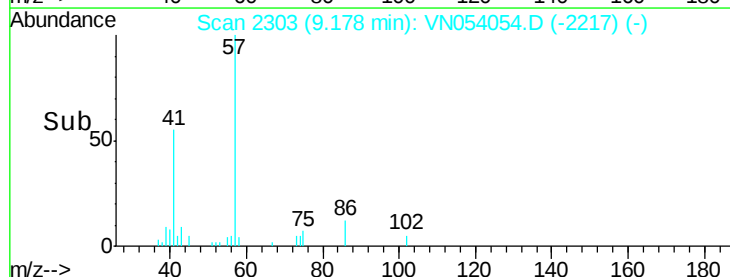
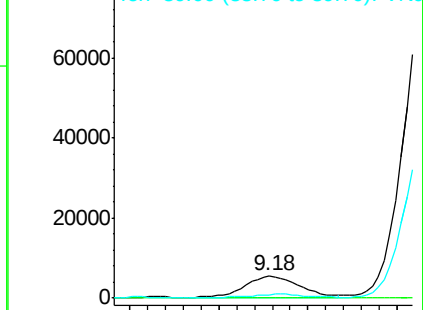
39 0.0 39.0 58.6#

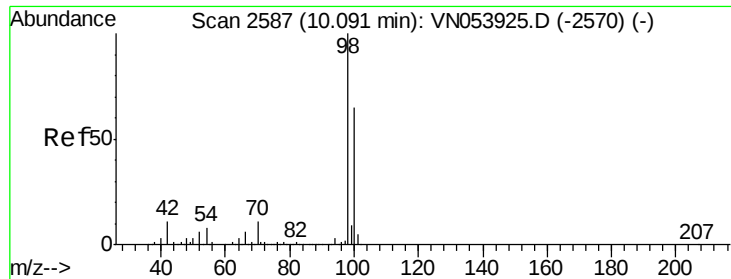


Abundance Ion 41.00 (40.70 to 41.70): VNC

Ion 69.00 (68.70 to 69.70): VNC

Ion 39.00 (38.70 to 39.70): VNC





#50

Toluene-d8

Concen: 53.056 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054054.D

Acq: 2 Mar 2019 2:23

Instrument :

MSVOA_N

ClientSampled :

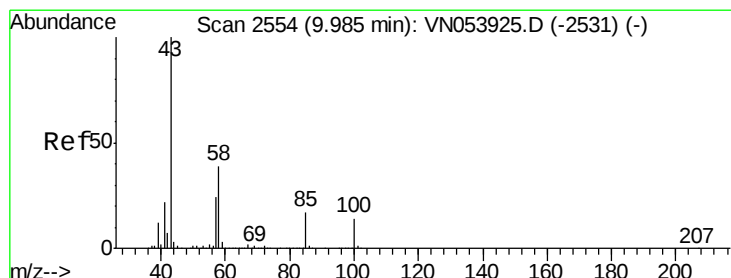
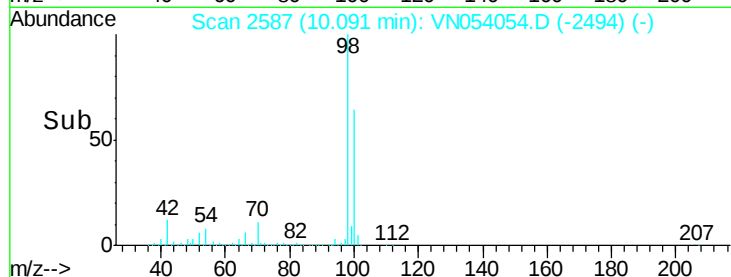
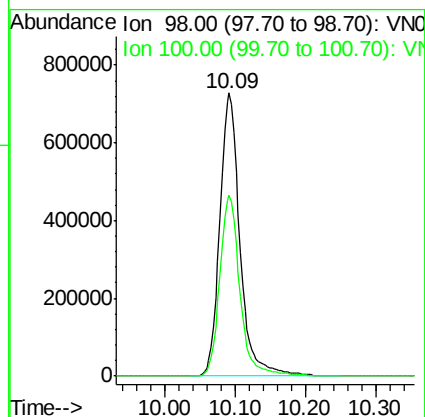
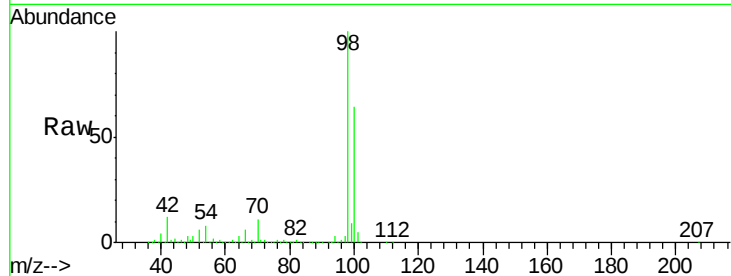
Z-3-2-B

Tot Ion: 98 Resp: 1448205

Ion Ratio Lower Upper

98 100

100 64.0 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 1.489 ug/l

RT: 10.02 min Scan# 2566

Delta R.T. 0.04 min

Lab File: VN054054.D

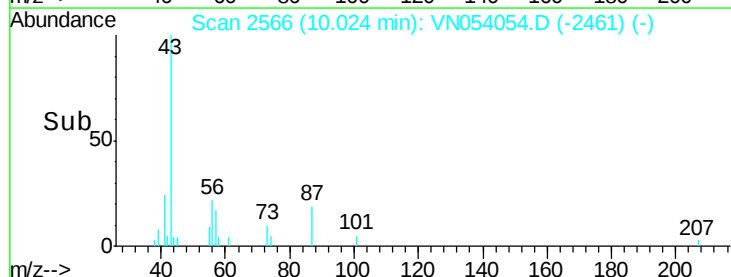
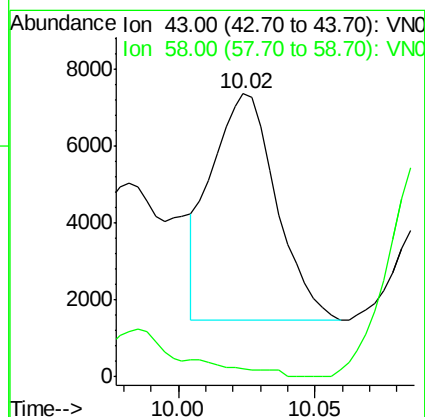
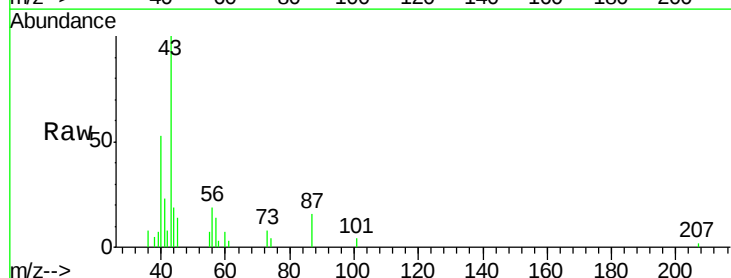
Acq: 2 Mar 2019 2:23

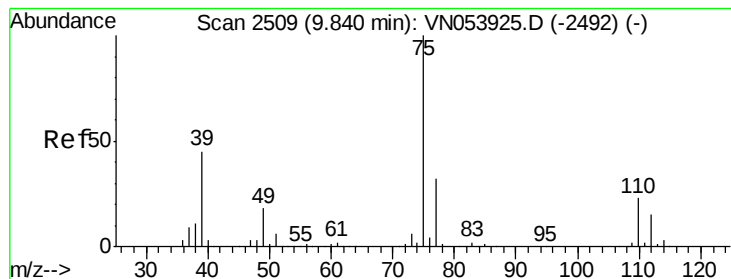
Tgt Ion: 43 Resp: 9726

Ion Ratio Lower Upper

43 100

58 0.0 32.7 49.1#



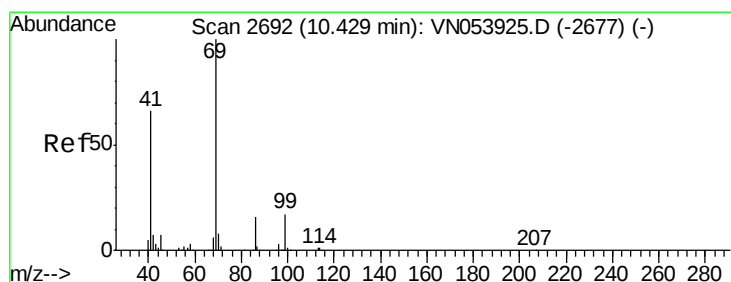
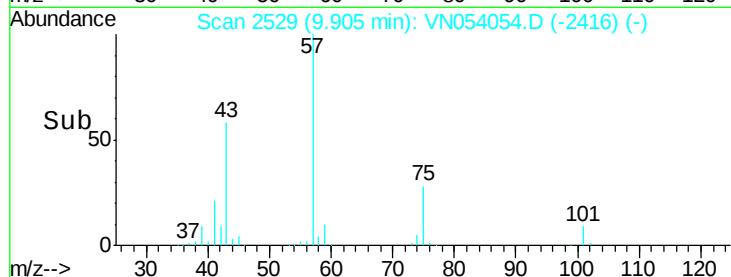
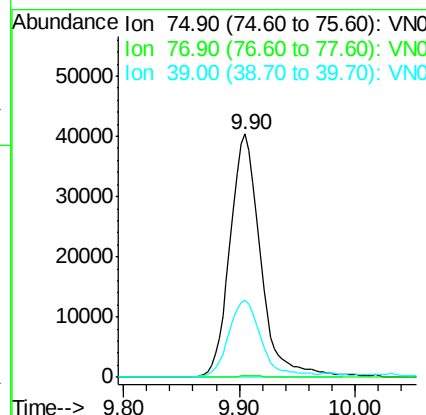
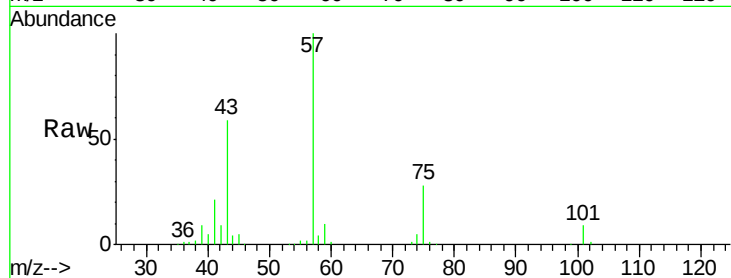


#54

cis-1,3-Dichloropropene
 Concen: 6.017 ug/l
 RT: 9.90 min Scan# 2529
 Delta R.T. 0.06 min
 Lab File: VN054054.D
 Acq: 2 Mar 2019 2:23

Instrument :
 MSVOA_N
 ClientSampled :
 Z-3-2-B

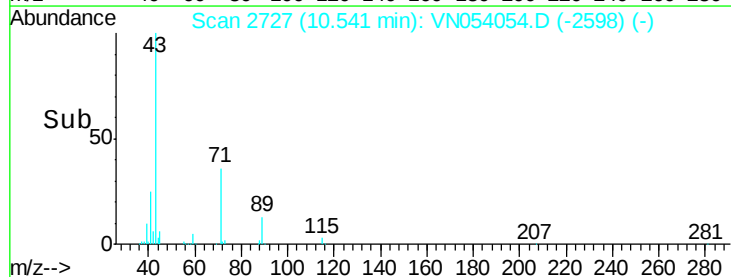
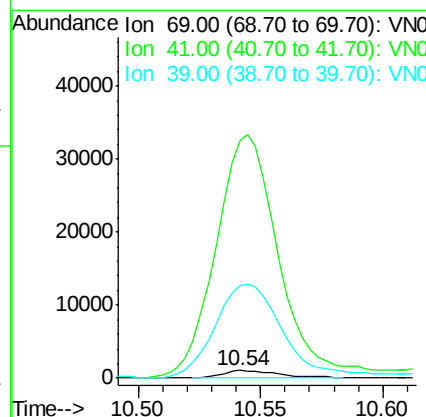
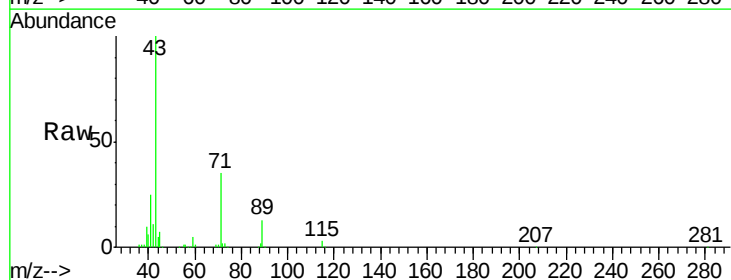
Tot Ion: 75 Resp: 73803
 Ion Ratio Lower Upper
 75 100
 77 0.5 25.8 38.6#
 39 31.7 31.4 47.0

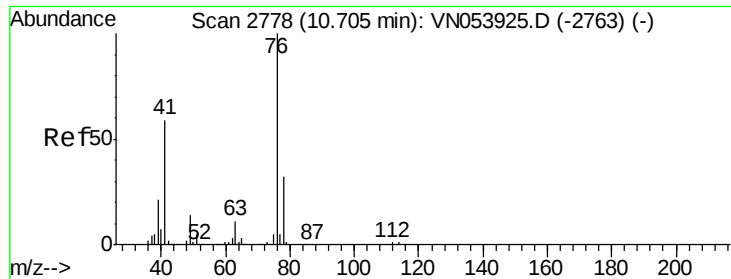


#56

Ethyl methacrylate
 Concen: 2.121 ug/l
 RT: 10.54 min Scan# 2727
 Delta R.T. 0.11 min
 Lab File: VN054054.D
 Acq: 2 Mar 2019 2:23

Tgt Ion: 69 Resp: 1610
 Ion Ratio Lower Upper
 69 100
 41 3762.1 47.5 71.3#
 39 1565.3 23.4 35.0#

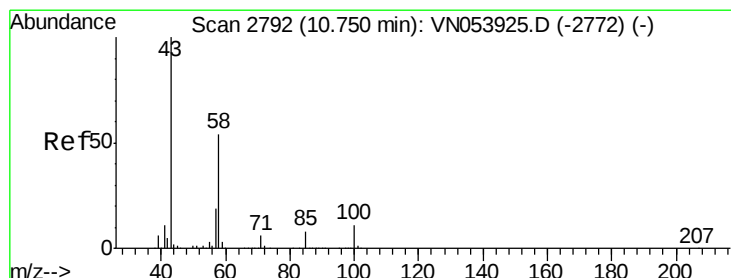
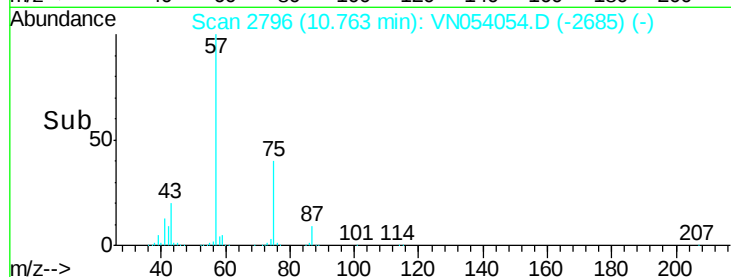
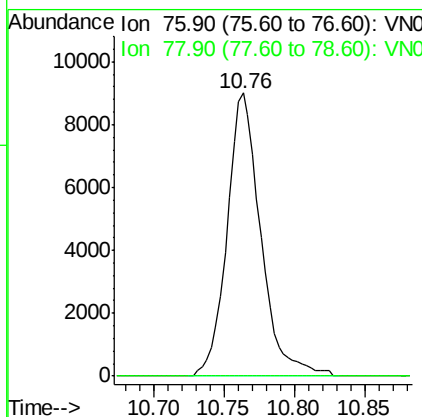
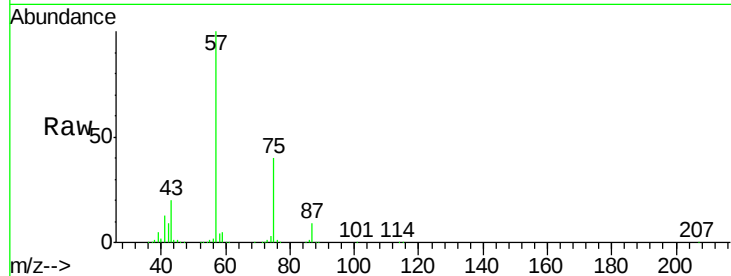




#57
 1,3-Dichloropropane
 Concen: 1.248 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN054054.D
 Acq: 2 Mar 2019 2:23

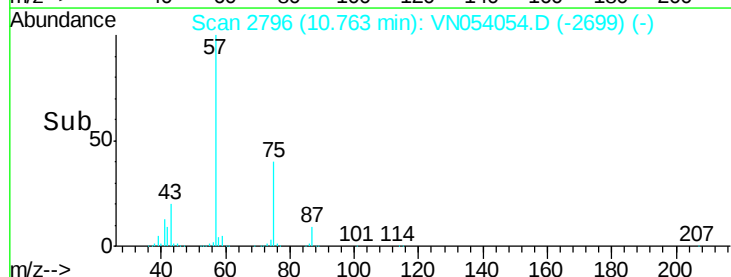
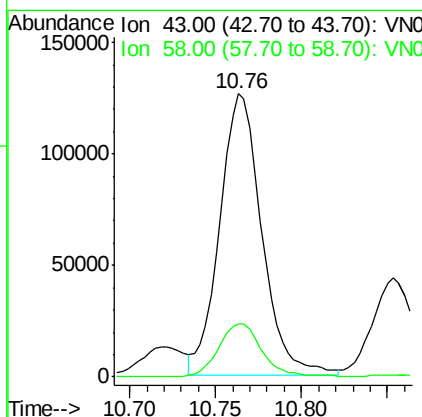
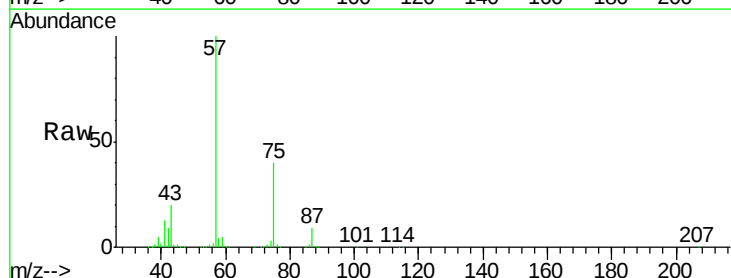
Instrument :
 MSVOA_N
 ClientSampled :
 Z-3-2-B

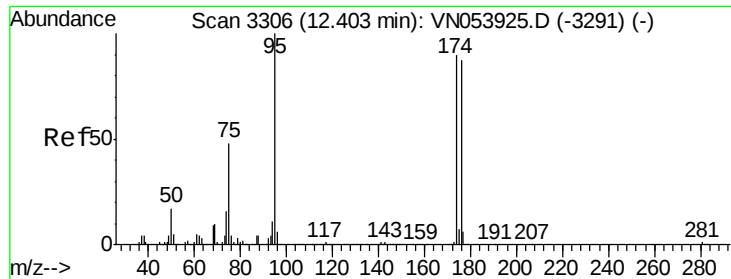
Tot Ion: 76 Resp: 15025
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.2 37.8#



#59
 2-Hexanone
 Concen: 50.704 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN054054.D
 Acq: 2 Mar 2019 2:23

Tgt Ion: 43 Resp: 215430
 Ion Ratio Lower Upper
 43 100
 58 19.6 29.1 87.4#

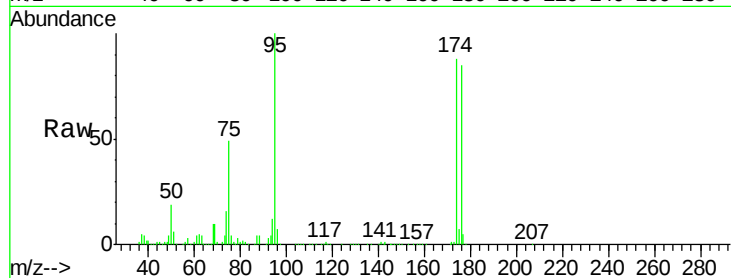




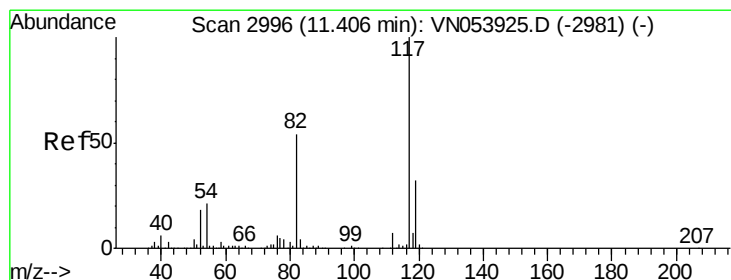
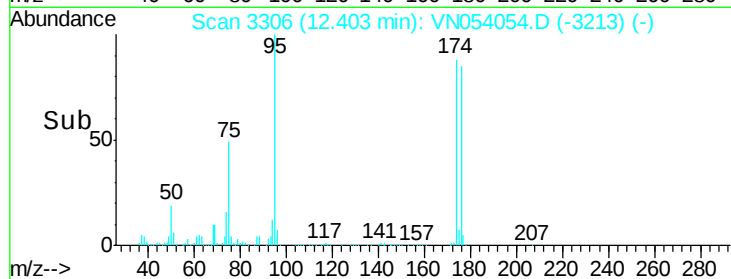
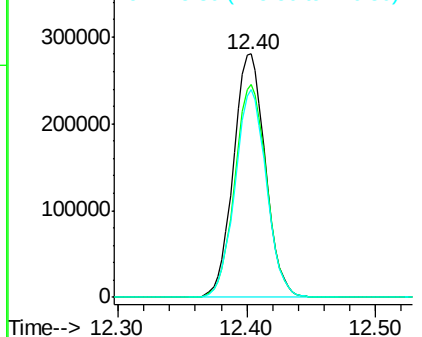
#62
4-Bromofluorobenzene
Concen: 52.850 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN054054.D
Acq: 2 Mar 2019 2:23

Instrument :
MSVOA_N
ClientSampled :
Z-3-2-B

Tot Ion: 95 Resp: 480626
Ion Ratio Lower Upper
95 100
174 87.4 0.0 188.8
176 84.1 0.0 182.6

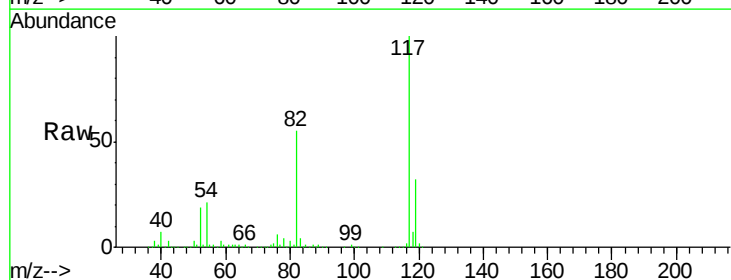


Abundance Ion 94.90 (94.60 to 95.60): VN053925.D (-3291) (-)
Ion 173.80 (173.50 to 174.50): VN053925.D (-3291) (-)
Ion 175.80 (175.50 to 176.50): VN053925.D (-3291) (-)

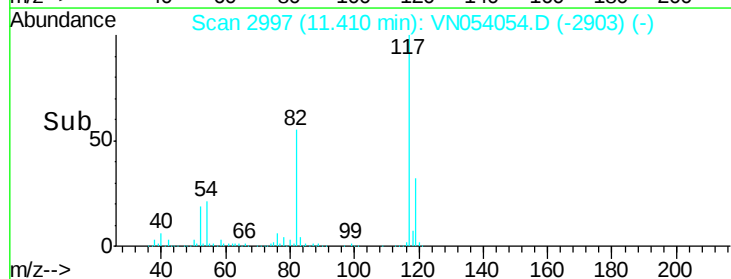
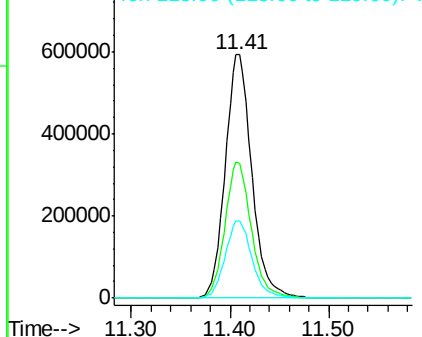


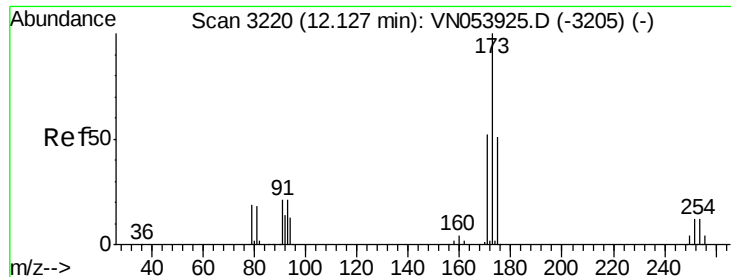
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN054054.D
Acq: 2 Mar 2019 2:23

Tgt Ion: 117 Resp: 1119609
Ion Ratio Lower Upper
117 100
82 55.3 41.4 62.2
119 31.9 25.3 37.9



Abundance Ion 116.90 (116.60 to 117.60): VN053925.D (-2981) (-)
Ion 82.00 (81.70 to 82.70): VN053925.D (-2981) (-)
Ion 118.90 (118.60 to 119.60): VN053925.D (-2981) (-)

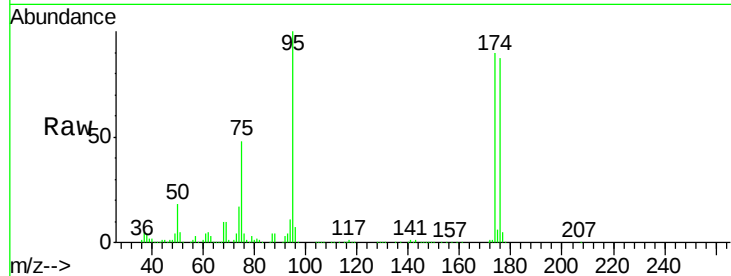




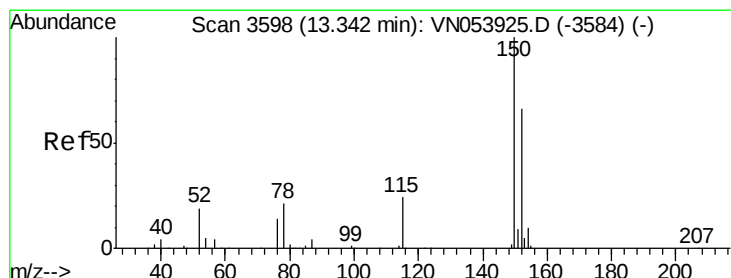
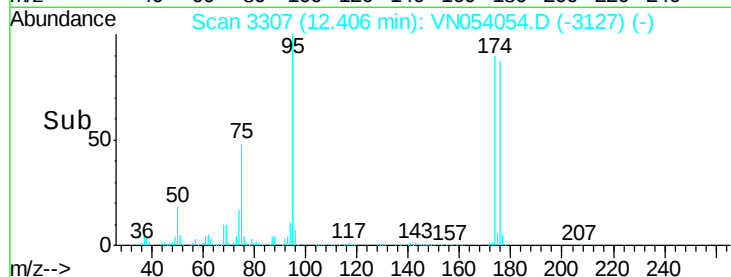
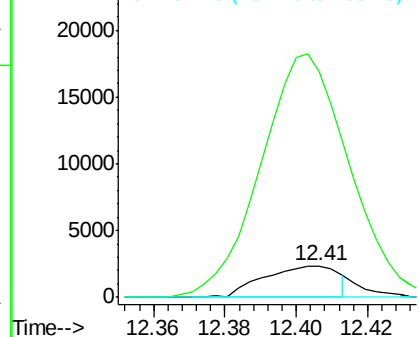
#71
Bromoform
Concen: 0.577 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.28 min
Lab File: VN054054.D
Acq: 2 Mar 2019 2:23

Instrument :
MSVOA_N
ClientSampled :
Z-3-2-B

Tot Ion:173 Resp: 3417
Ion Ratio Lower Upper
173 100
175 772.1 24.3 72.8#
254 0.0 0.2 0.2#

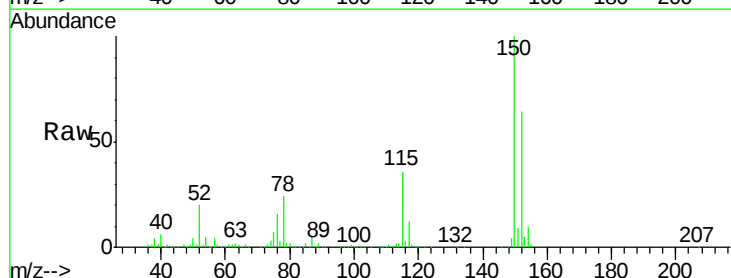


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

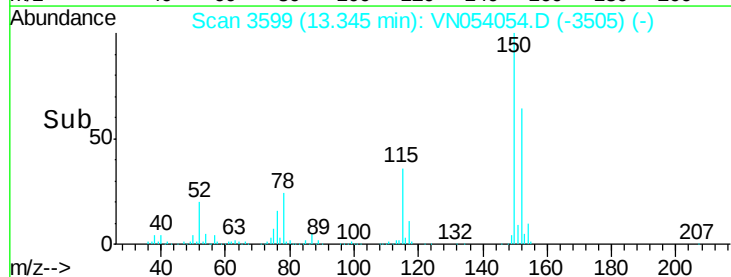
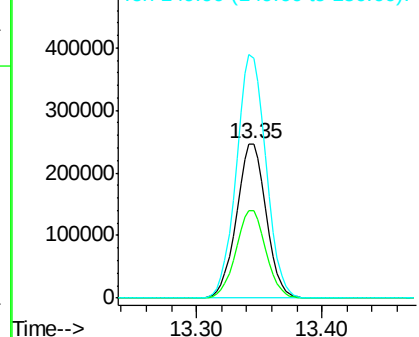


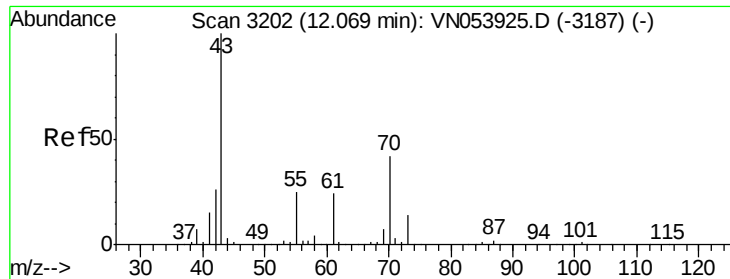
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054054.D
Acq: 2 Mar 2019 2:23

Tgt Ion:152 Resp: 402556
Ion Ratio Lower Upper
152 100
115 57.4 27.2 81.6
150 158.4 0.0 348.2



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

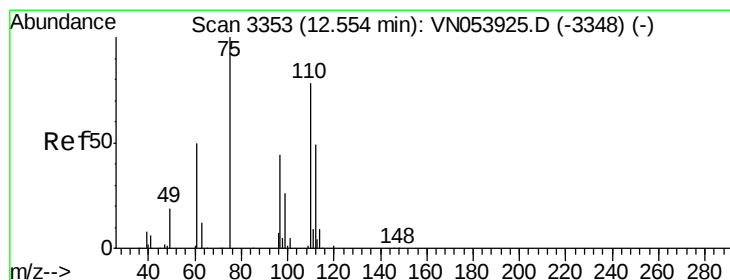
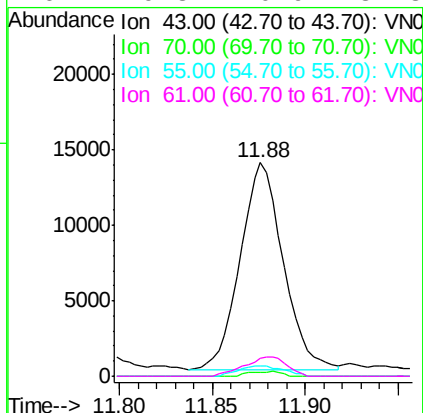
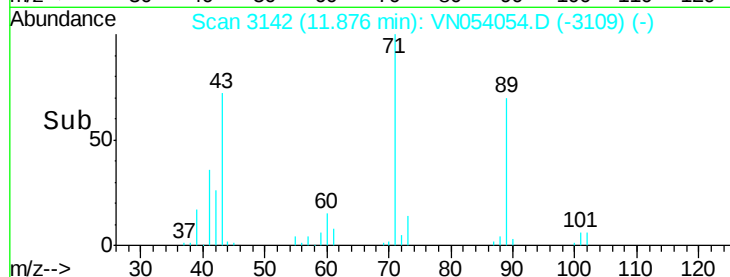
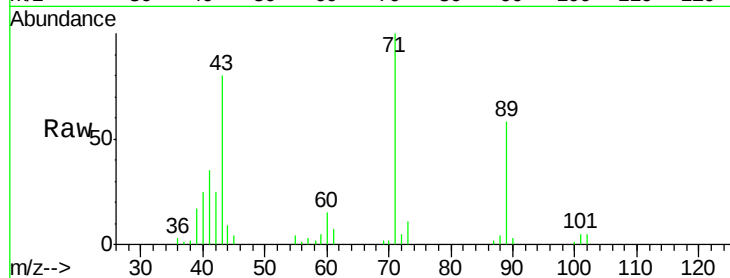




#74
N-amyl acetate
Concen: 2.688 ug/l
RT: 11.88 min Scan# 3142
Delta R.T. -0.19 min
Lab File: VN054054.D
Acq: 2 Mar 2019 2:23

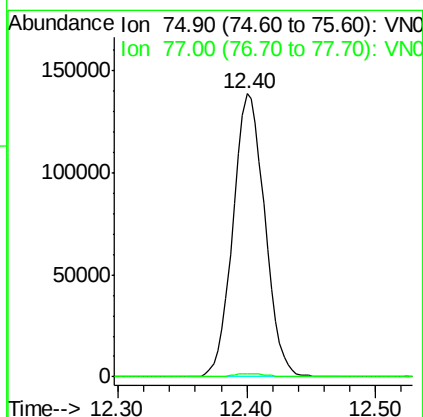
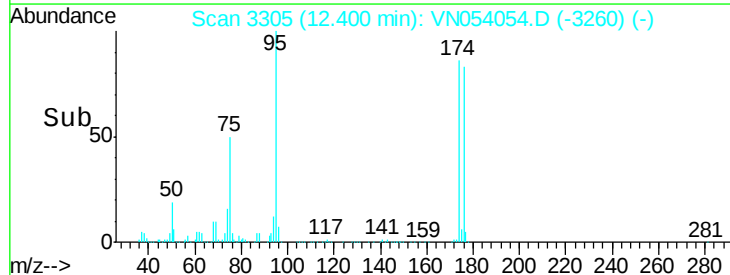
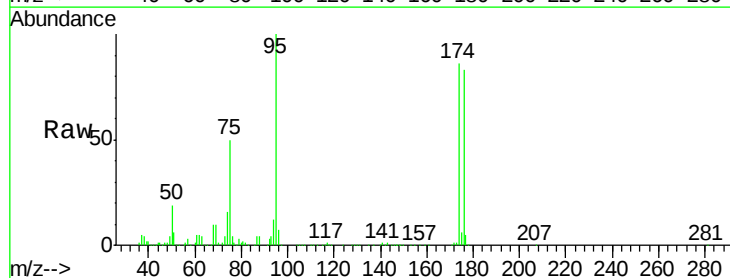
Instrument :
MSVOA_N
ClientSampled :
Z-3-2-B

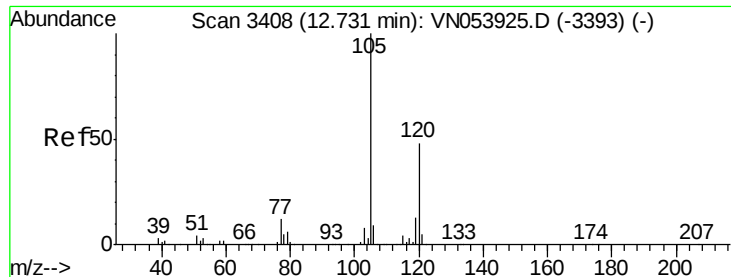
Tot Ion: 43 Resp: 22079
Ion Ratio Lower Upper
43 100
70 1.8 37.4 56.2#
55 5.3 21.4 32.0#
61 9.3 20.9 31.3#



#76
1,2,3-Trichloropropane
Concen: 36.826 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN054054.D
Acq: 2 Mar 2019 2:23

Tgt Ion: 75 Resp: 237813
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#80

1,3,5-Trimethylbenzene

Concen: 0.357 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN054054.D

Acq: 2 Mar 2019 2:23

Instrument :

MSVOA_N

ClientSampleId :

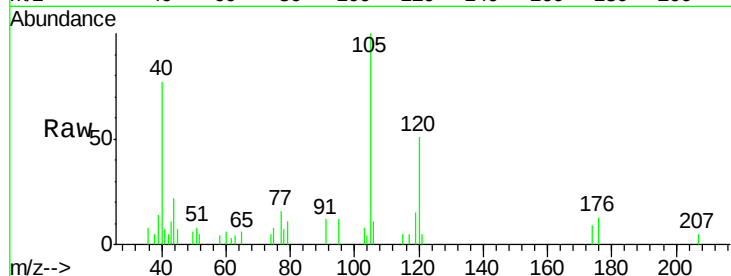
Z-3-2-B

Tot Ion:105 Resp: 9147

Ion Ratio Lower Upper

105 100

120 52.0 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.73

6000

5000

4000

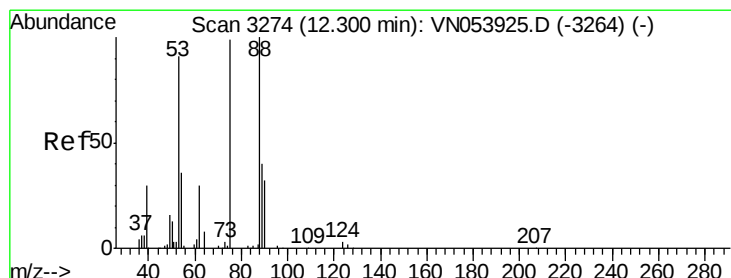
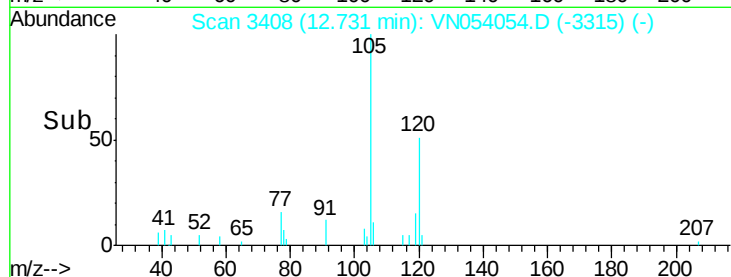
3000

2000

1000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 116.394 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054054.D

Acq: 2 Mar 2019 2:23

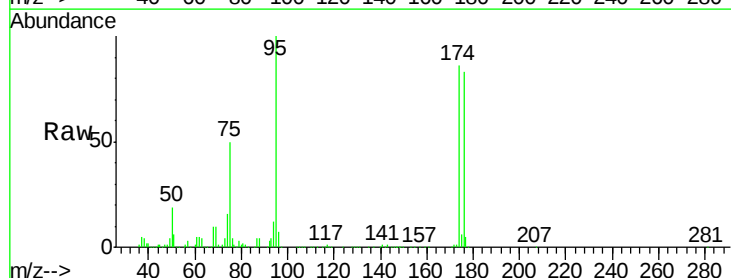
Tgt Ion: 75 Resp: 237813

Ion Ratio Lower Upper

75 100

53 0.0 68.6 102.8#

89 0.0 35.3 52.9#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

12.40

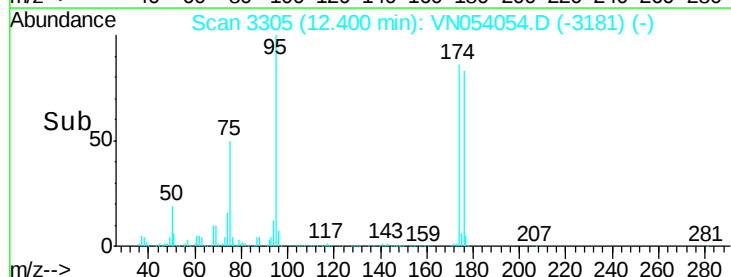
150000

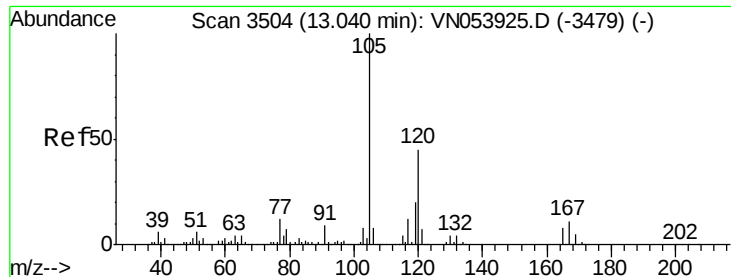
100000

50000

0

Time-->





#84

1,2,4-Trimethylbenzene

Concen: 0.576 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN054054.D

Acq: 2 Mar 2019 2:23

Instrument :

MSVOA_N

ClientSampled :

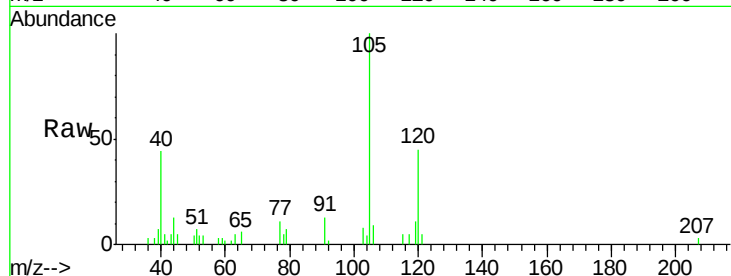
Z-3-2-B

Tot Ion:105 Resp: 14762

Ion Ratio Lower Upper

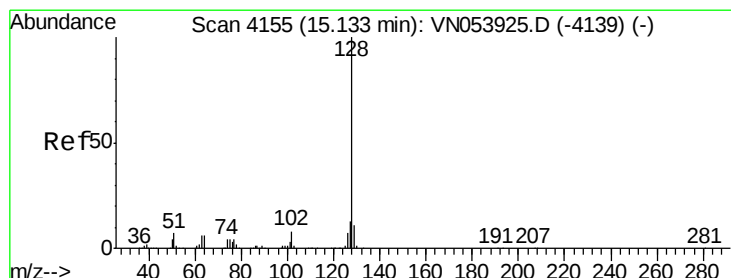
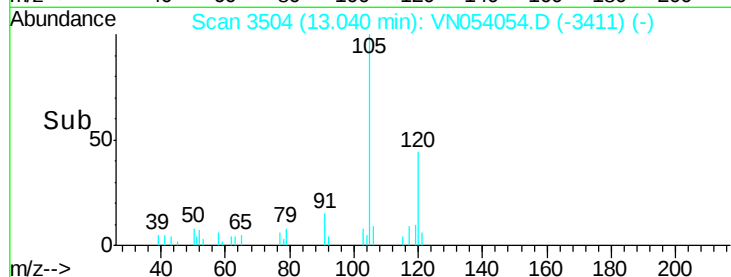
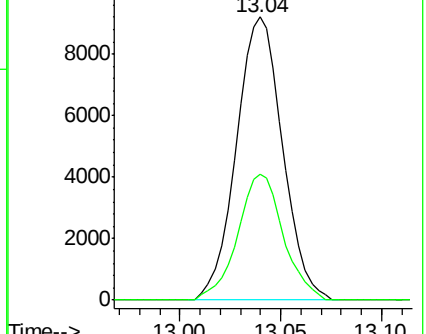
105 100

120 43.8 23.2 69.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 5.784 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054054.D

Acq: 2 Mar 2019 2:23

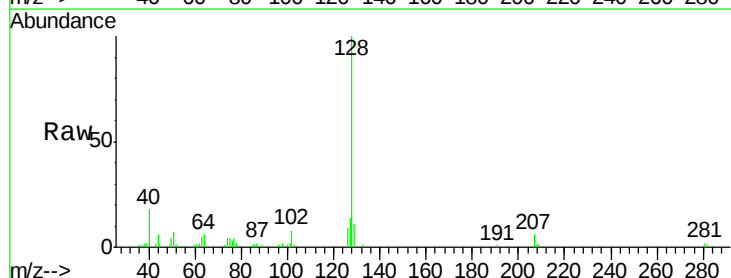
Tgt Ion:128 Resp: 43811

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 10.9 8.6 12.8



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

