

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032519\
 Data File : VN054677.D
 Acq On : 25 Mar 2019 17:11
 Operator : JC/SP
 Sample : K2071-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-1

Quant Time: Mar 26 01:27:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	564824	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	901538	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	748400	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	280814	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	371140	52.83	ug/l	0.00
Spiked Amount			Recovery	=	105.66%	
35) Dibromofluoromethane	7.59	113	292630	50.38	ug/l	0.00
Spiked Amount			Recovery	=	100.76%	
50) Toluene-d8	10.09	98	1078708	49.40	ug/l	0.00
Spiked Amount			Recovery	=	98.80%	
62) 4-Bromofluorobenzene	12.40	95	331808	44.66	ug/l	0.00
Spiked Amount			Recovery	=	89.32%	

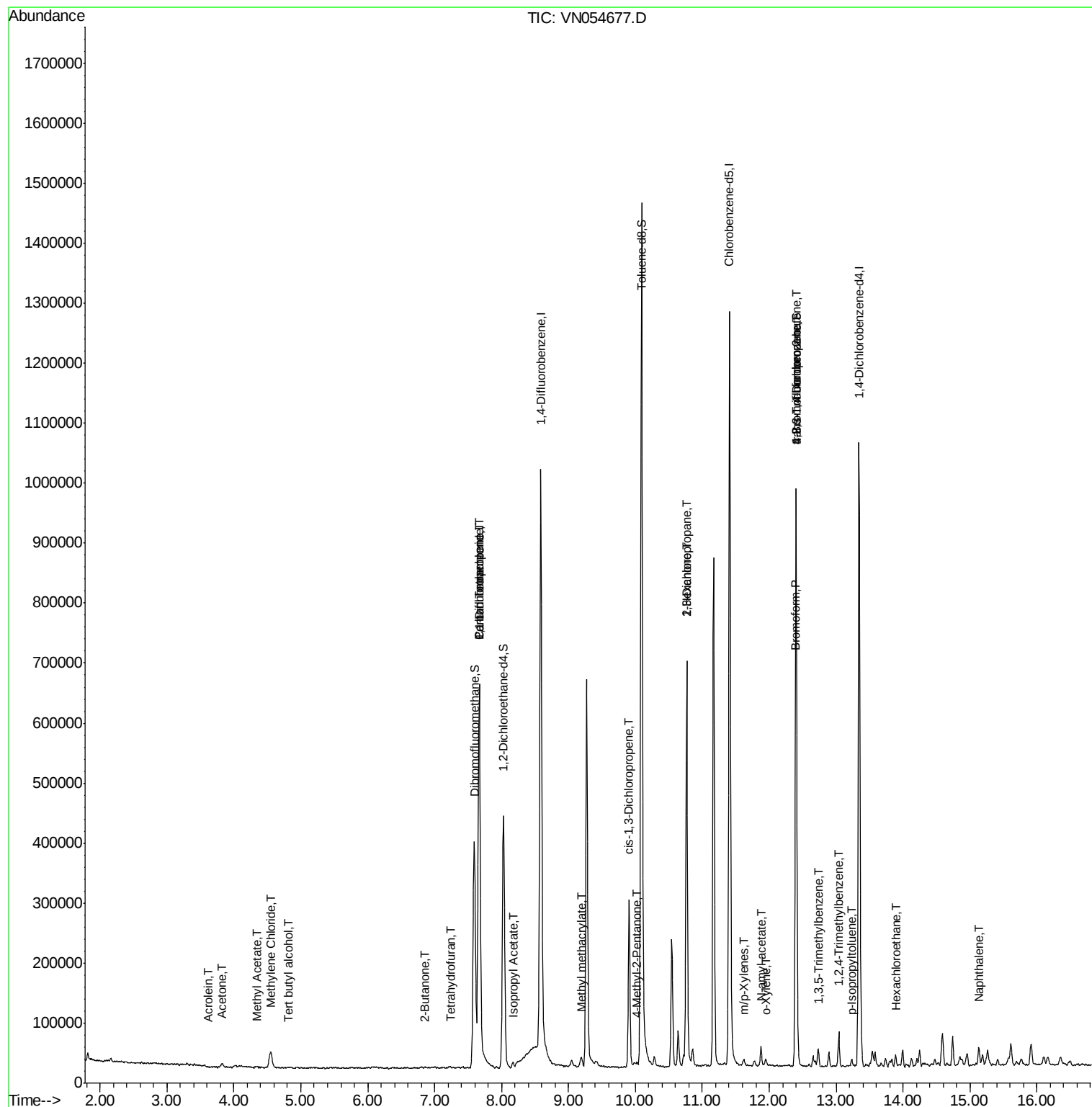
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.81	59	870	2.045	ug/l #	70
13) Acrolein	3.61	56	378	0.644	ug/l #	38
16) Acetone	3.82	43	10408	4.928	ug/l #	80
18) Methyl Acetate	4.34	43	2525	0.536	ug/l #	72
20) Methylene Chloride	4.55	84	17459	2.804	ug/l #	83
25) 2-Butanone	6.87	43	3055	1.129	ug/l #	46
29) Tetrahydrofuran	7.23	42	1354	0.771	ug/l #	51
31) Cyclohexane	7.66	56	12339	Below Cal	#	31
36) 1,1-Dichloropropene	7.67	75	41929	4.974	ug/l #	48
38) Carbon Tetrachloride	7.66	117	54865	6.698	ug/l #	16
43) Isopropyl Acetate	8.18	43	10929	1.079	ug/l #	93
48) Methyl methacrylate	9.18	41	6668	1.213	ug/l #	11
51) 4-Methyl-2-Pentanone	10.03	43	6043	1.077	ug/l #	36
54) cis-1,3-Dichloropropene	9.90	75	45014	4.899	ug/l #	71
57) 1,3-Dichloropropane	10.76	76	6976	0.753	ug/l #	43
59) 2-Hexanone	10.76	43	111536	30.430	ug/l #	47
68) m/p-Xylenes	11.62	106	3462	0.340	ug/l	100
69) o-Xylene	11.94	106	3078	0.309	ug/l	98
71) Bromoform	12.38	173	34	2.229	ug/l #	1
74) N-amyl acetate	11.88	43	11306	1.738	ug/l #	49
76) 1,2,3-Trichloropropane	12.40	75	169801	38.105	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	15186	0.819	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.40	75	169801	126.202	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.04	105	30207	1.660	ug/l	99
86) p-Isopropyltoluene	13.23	119	7363	0.409	ug/l	97
90) Hexachloroethane	13.89	117	1229	0.440	ug/l #	2
95) Naphthalene	15.13	128	25775	2.573	ug/l	99

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

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QLast Update : Fri Mar 22 02:09:07 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: VN054677.D

Acq: 25 Mar 2019 17:11

Instrument :

MSVOA_N

ClientSampleId :

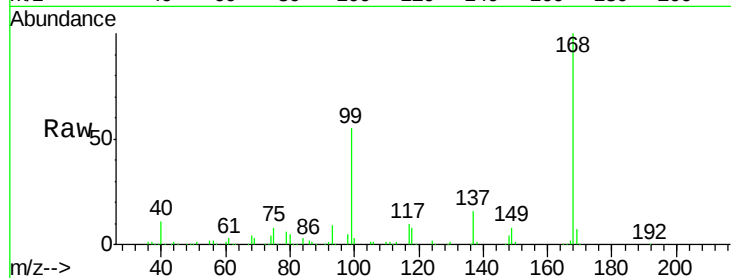
DRUM-1

Tot Ion:168 Resp: 564824

Ion Ratio Lower Upper

168 100

99 54.9 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

200000

150000

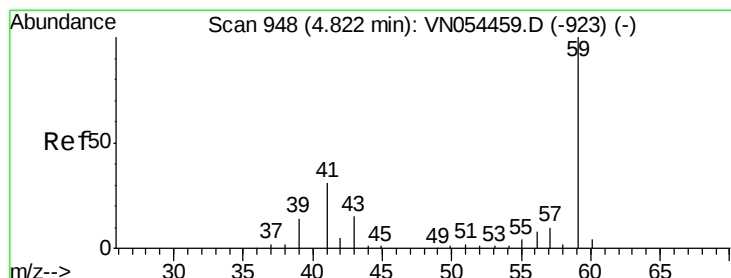
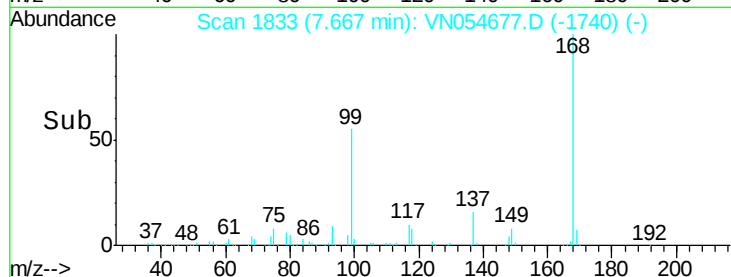
100000

50000

0

7.50 7.60 7.70 7.80 7.90

Time-->



#11

Tert butyl alcohol

Concen: 2.045 ug/l

RT: 4.81 min Scan# 945

Delta R.T. -0.01 min

Lab File: VN054677.D

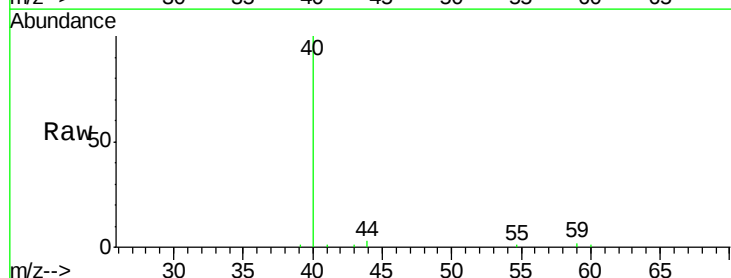
Acq: 25 Mar 2019 17:11

Tgt Ion: 59 Resp: 870

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

4.81

400

300

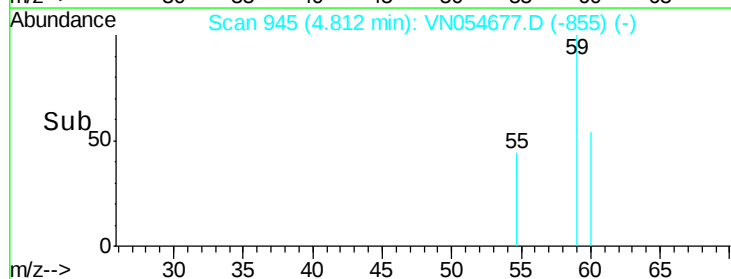
200

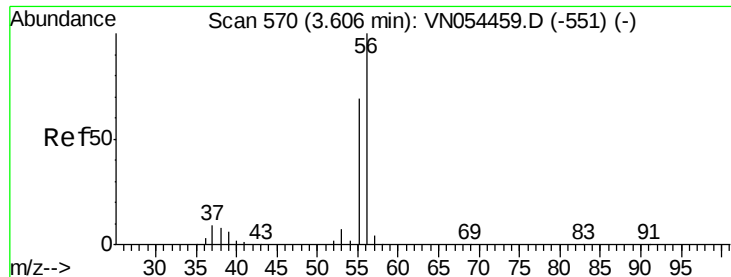
100

0

4.80 4.85

Time-->





#13

Acrolein

Concen: 0.644 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN054677.D

Acq: 25 Mar 2019 17:11

Instrument :

MSVOA_N

ClientSampleId :

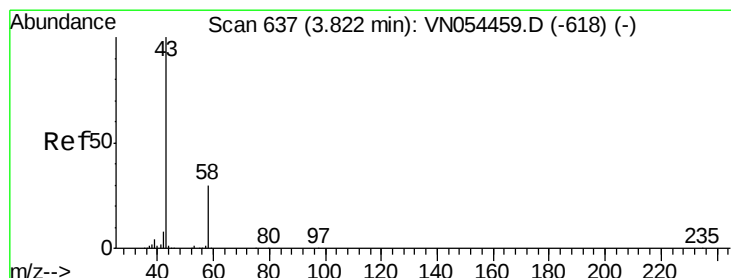
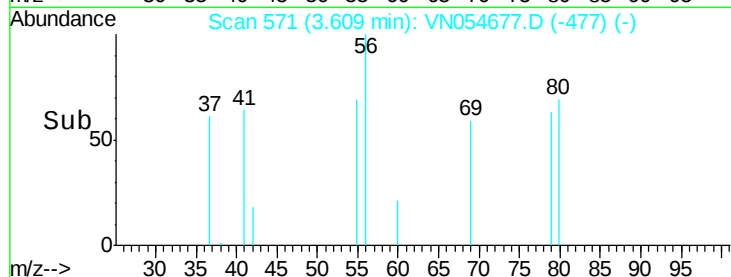
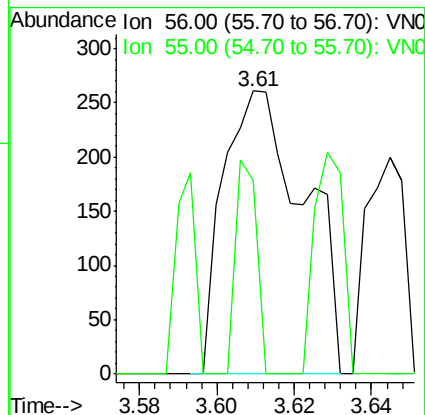
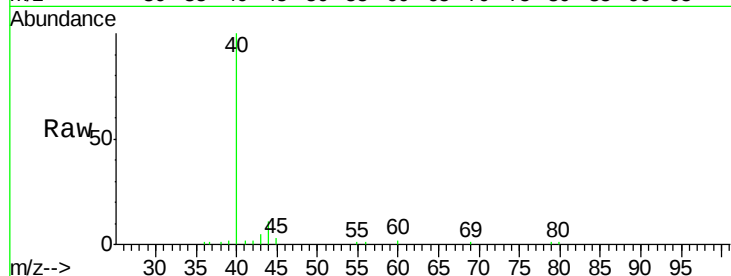
DRUM-1

Tot Ion: 56 Resp: 378

Ion Ratio Lower Upper

56 100

55 19.3 56.7 85.1#



#16

Acetone

Concen: 4.928 ug/l

RT: 3.82 min Scan# 637

Delta R.T. -0.00 min

Lab File: VN054677.D

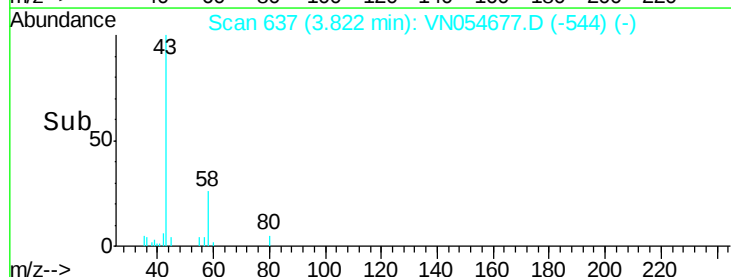
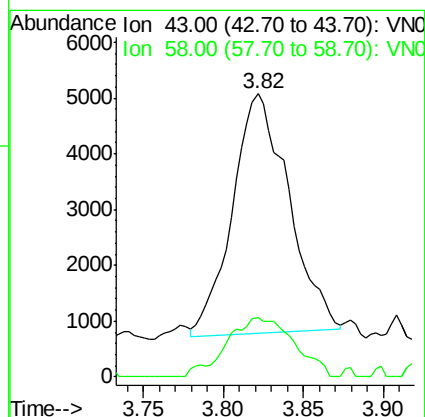
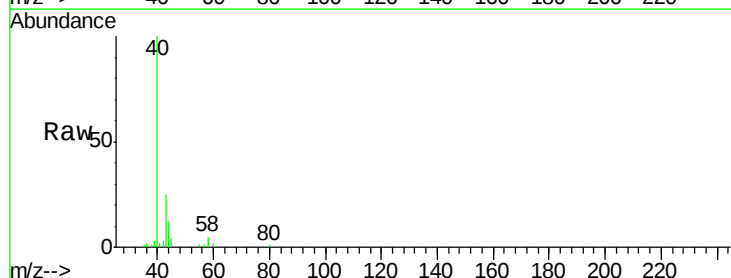
Acq: 25 Mar 2019 17:11

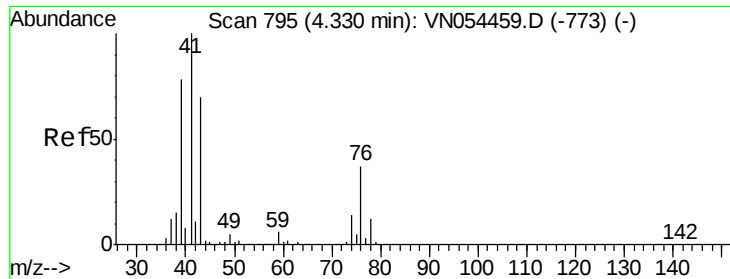
Tgt Ion: 43 Resp: 10408

Ion Ratio Lower Upper

43 100

58 25.4 29.9 44.9#

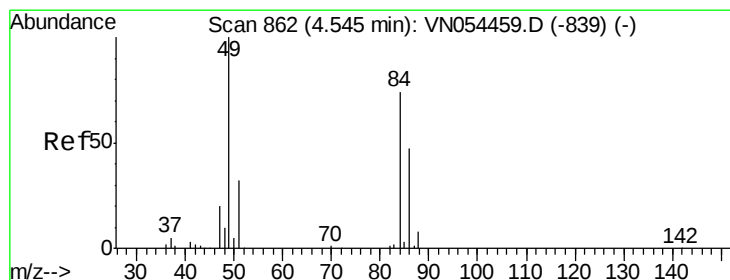
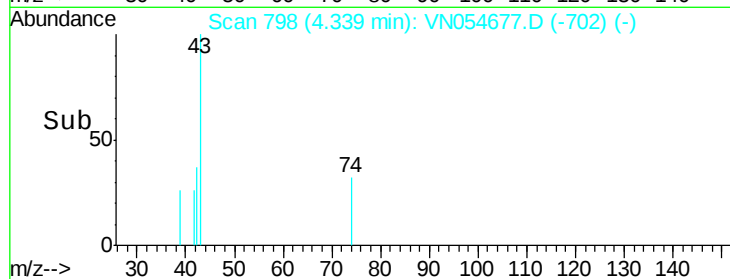
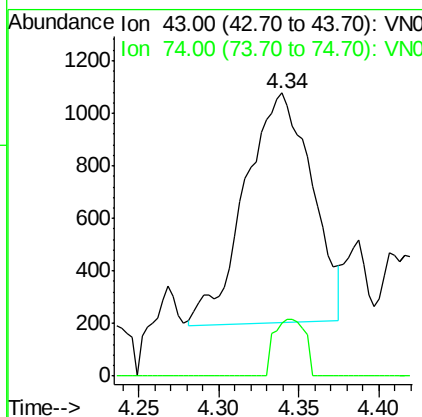
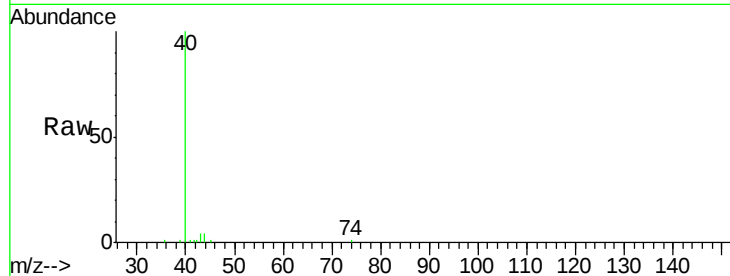




#18
Methyl Acetate
Concen: 0.536 ug/l
RT: 4.34 min Scan# 798
Delta R.T. 0.01 min
Lab File: VN054677.D
Acq: 25 Mar 2019 17:11

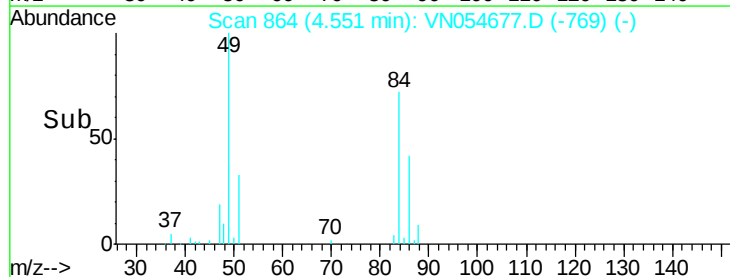
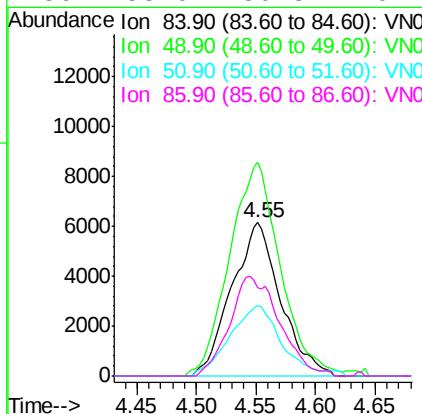
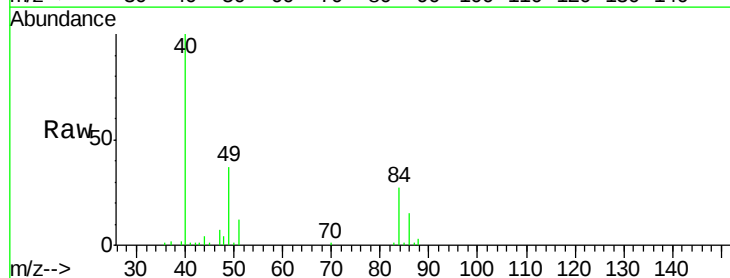
Instrument :
MSVOA_N
ClientSampled :
DRUM-1

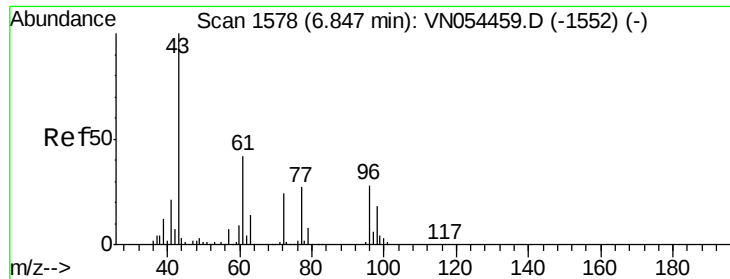
Tot Ion: 43 Resp: 2525
Ion Ratio Lower Upper
43 100
74 11.6 20.8 31.2#



#20
Methylene Chloride
Concen: 2.804 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.01 min
Lab File: VN054677.D
Acq: 25 Mar 2019 17:11

Tgt Ion: 84 Resp: 17459
Ion Ratio Lower Upper
84 100
49 136.7 89.7 134.5#
51 46.2 28.2 42.4#
86 58.0 50.8 76.2





#25

2-Butanone

Concen: 1.129 ug/l

RT: 6.87 min Scan# 1584

Delta R.T. 0.02 min

Lab File: VN054677.D

Acq: 25 Mar 2019 17:11

Instrument :

MSVOA_N

ClientSampled :

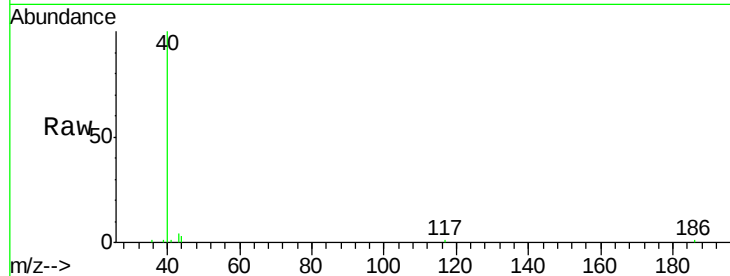
DRUM-1

Tot Ion: 43 Resp: 3055

Ion Ratio Lower Upper

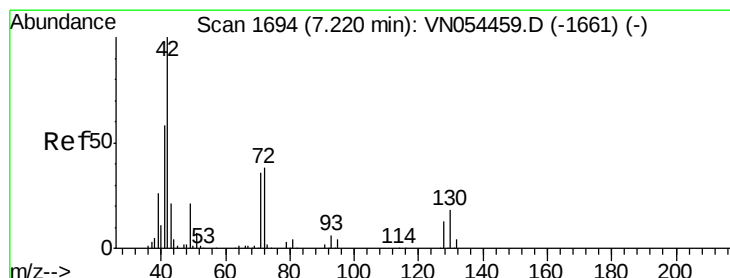
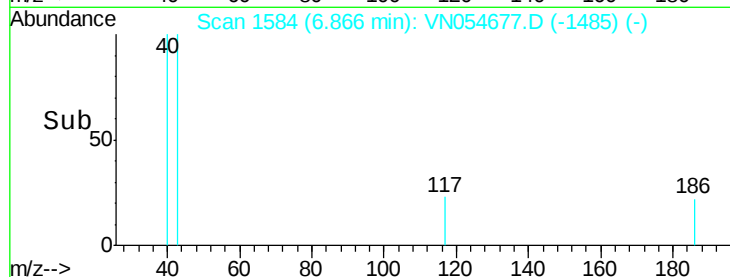
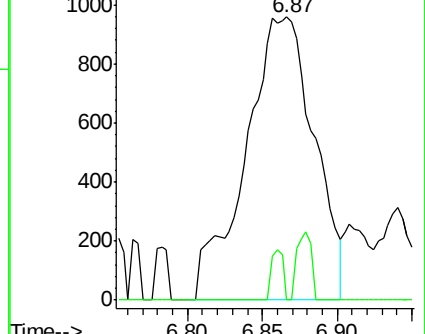
43 100

72 0.0 23.0 34.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#29

Tetrahydrofuran

Concen: 0.771 ug/l

RT: 7.23 min Scan# 1697

Delta R.T. 0.01 min

Lab File: VN054677.D

Acq: 25 Mar 2019 17:11

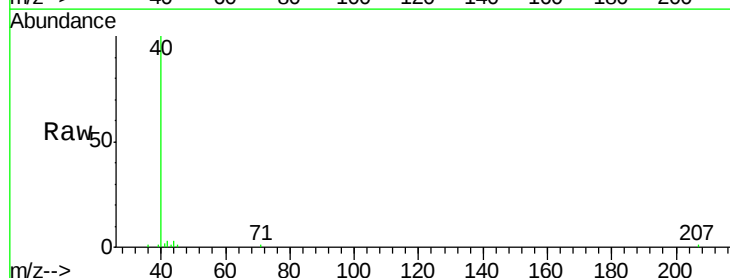
Tgt Ion: 42 Resp: 1354

Ion Ratio Lower Upper

42 100

72 7.9 37.8 56.6#

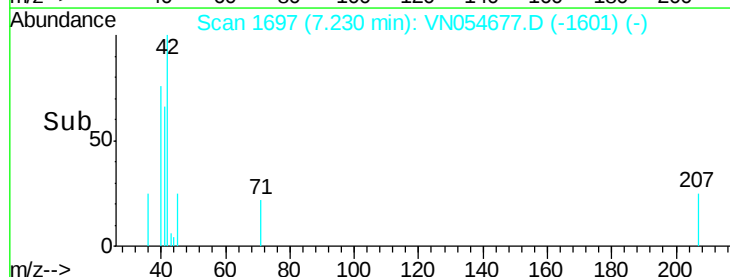
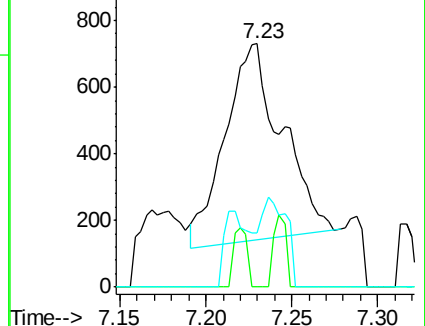
71 19.6 36.2 54.2#

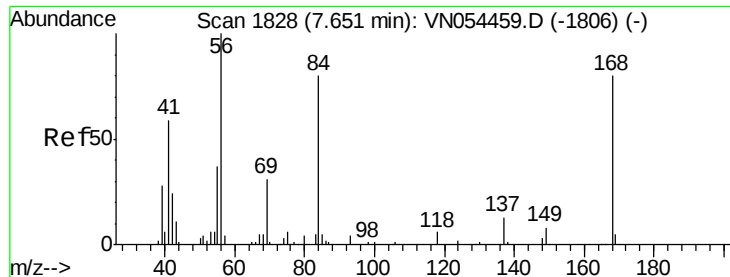


Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0

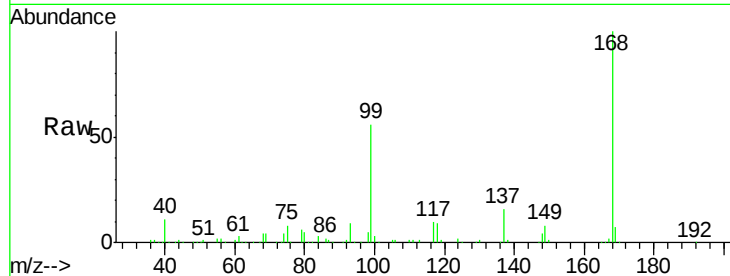




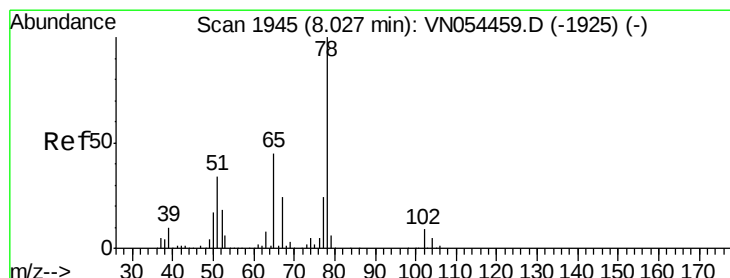
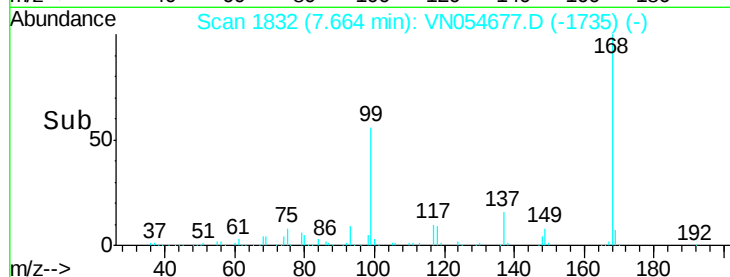
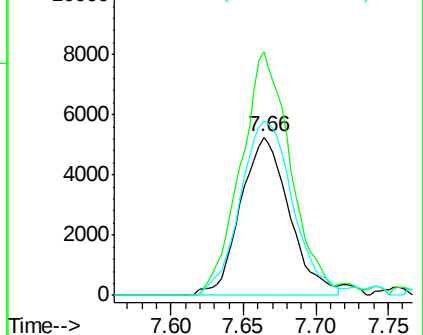
#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN054677.D
Acq: 25 Mar 2019 17:11

Instrument :
MSVOA_N
ClientSampled :
DRUM-1

Tot Ion: 56 Resp: 12339
Ion Ratio Lower Upper
56 100
69 154.1 27.8 41.6#
84 110.8 74.6 111.8

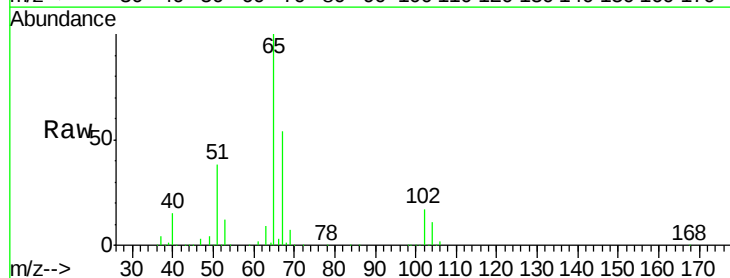


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

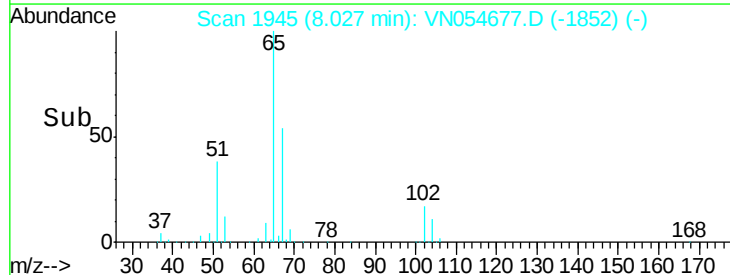
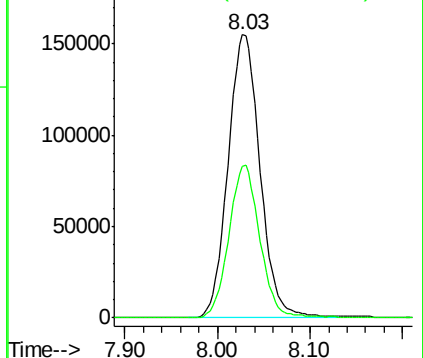


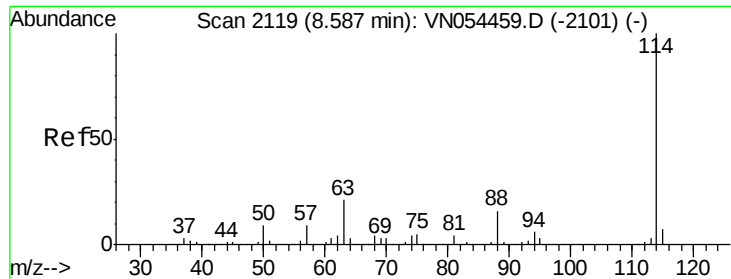
#33
1,2-Dichloroethane-d4
Concen: 52.828 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN054677.D
Acq: 25 Mar 2019 17:11

Tgt Ion: 65 Resp: 371140
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.6



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: VN054677.D

Acq: 25 Mar 2019 17:11

Instrument :

MSVOA_N

ClientSampled :

DRUM-1

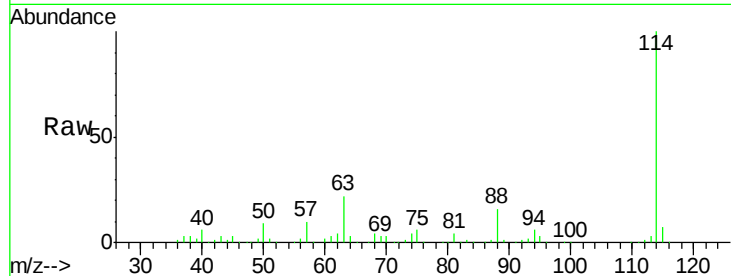
Tot Ion:114 Resp: 901538

Ion Ratio Lower Upper

114 100

63 21.9 0.0 35.2

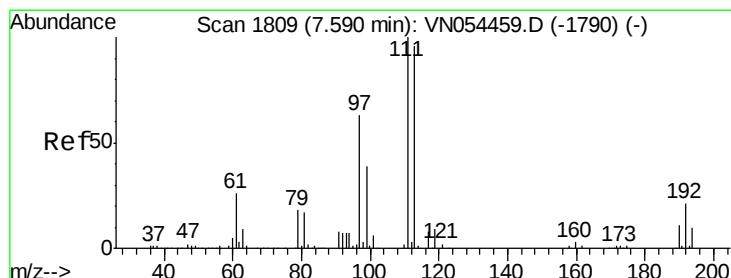
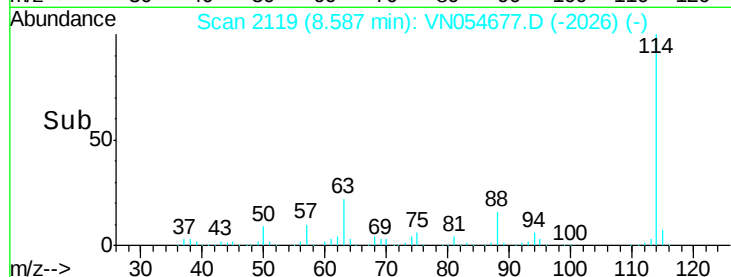
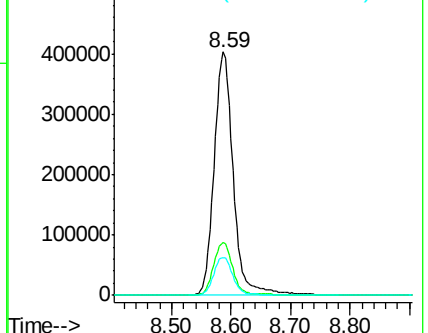
88 15.7 0.0 30.2



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: 50.383 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054677.D

Acq: 25 Mar 2019 17:11

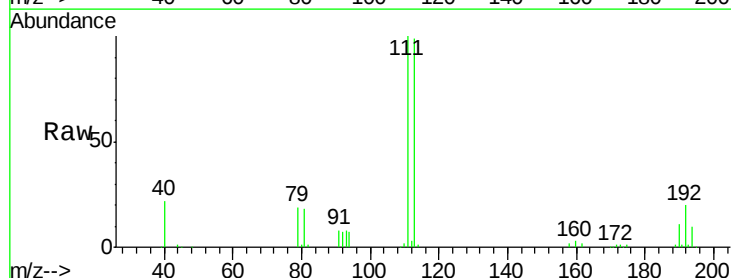
Tgt Ion:113 Resp: 292630

Ion Ratio Lower Upper

113 100

111 99.8 82.2 123.4

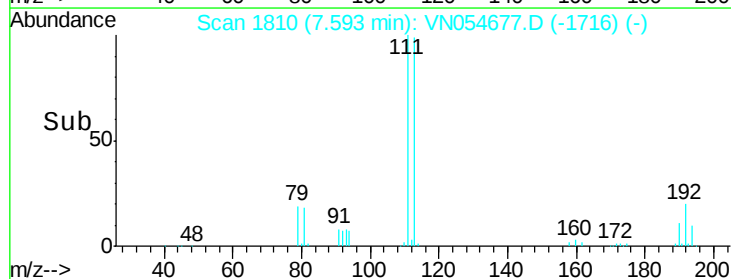
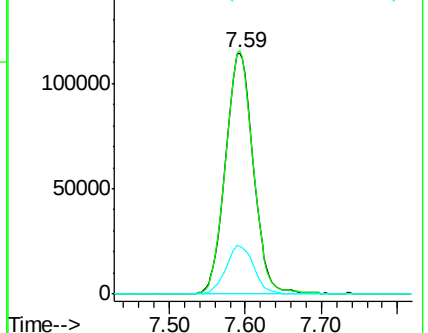
192 20.2 19.2 28.8

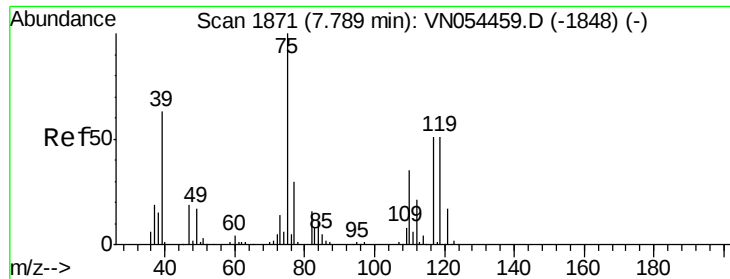


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

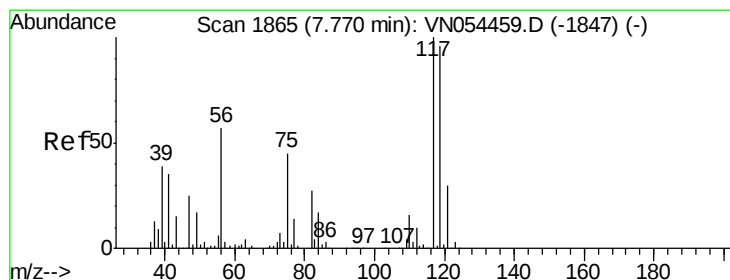
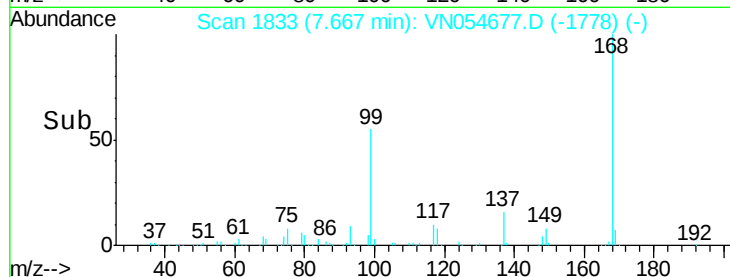
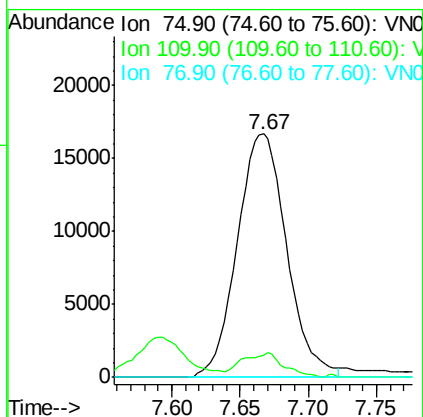
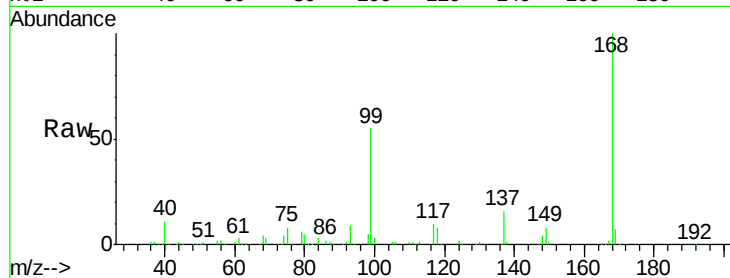




#36
 1,1-Dichloropropene
 Concen: 4.974 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.12 min
 Lab File: VN054677.D
 Acq: 25 Mar 2019 17:11

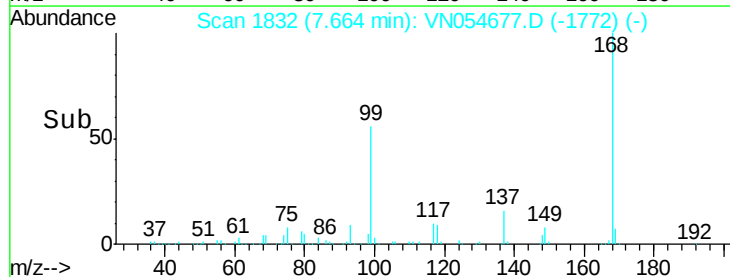
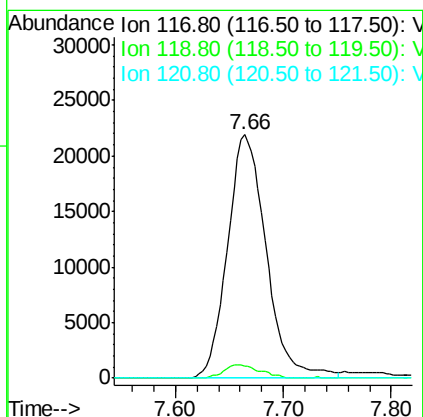
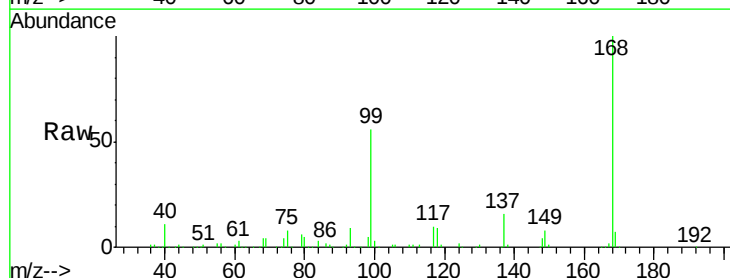
Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-1

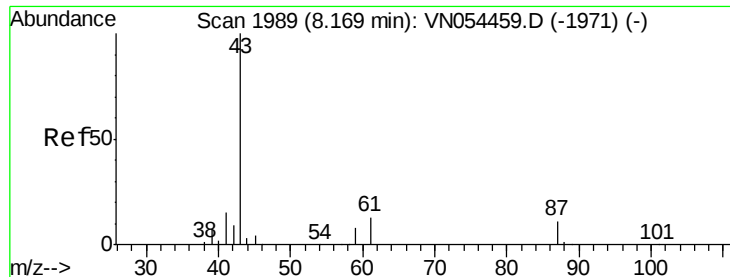
Tot Ion: 75 Resp: 41929
 Ion Ratio Lower Upper
 75 100
 110 8.6 19.1 57.5#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 6.698 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN054677.D
 Acq: 25 Mar 2019 17:11

Tgt Ion: 117 Resp: 54865
 Ion Ratio Lower Upper
 117 100
 119 5.1 76.3 114.5#
 121 0.0 24.6 36.8#





#43

Isopropyl Acetate

Concen: 1.079 ug/l

RT: 8.18 min Scan# 1991

Delta R.T. 0.01 min

Lab File: VN054677.D

Acq: 25 Mar 2019 17:11

Instrument :

MSVOA_N

ClientSampleId :

DRUM-1

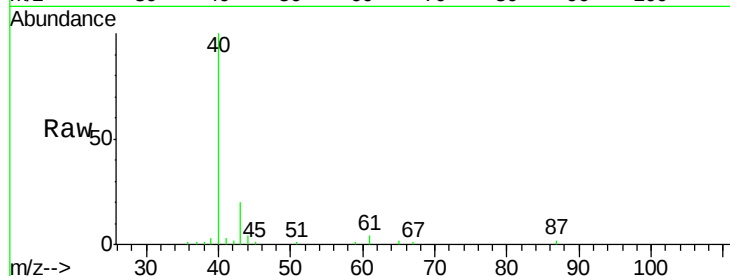
Tot Ion: 43 Resp: 10929

Ion Ratio Lower Upper

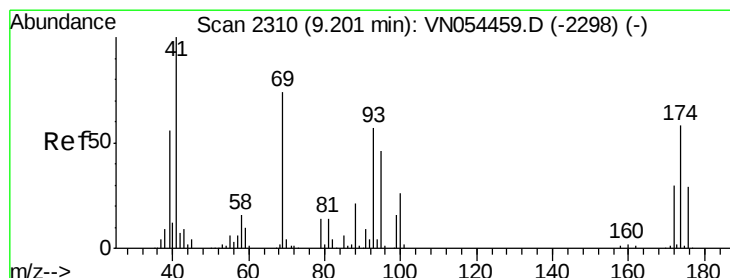
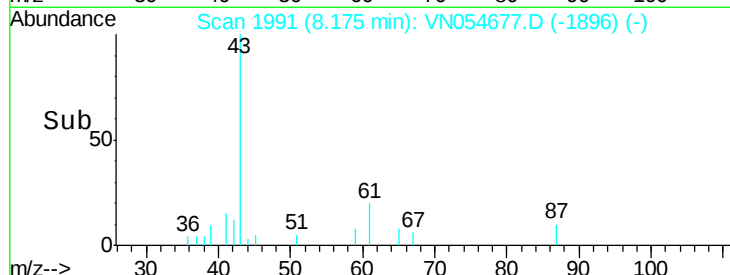
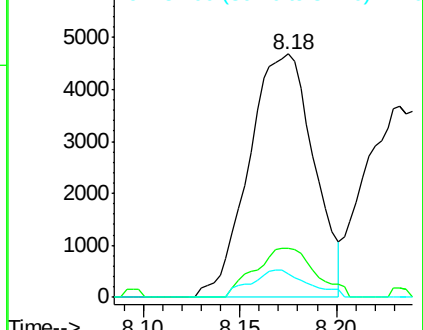
43 100

61 18.6 15.8 23.8

87 9.8 12.0 18.0#



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 61.00 (60.70 to 61.70): VNO
Ion 87.00 (86.70 to 87.70): VNO



#48

Methyl methacrylate

Concen: 1.213 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.02 min

Lab File: VN054677.D

Acq: 25 Mar 2019 17:11

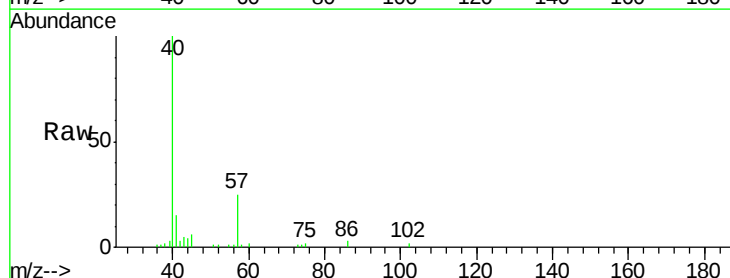
Tgt Ion: 41 Resp: 6668

Ion Ratio Lower Upper

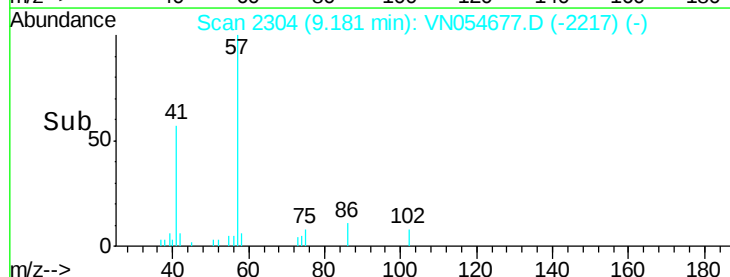
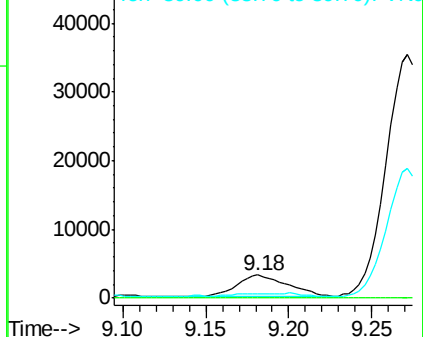
41 100

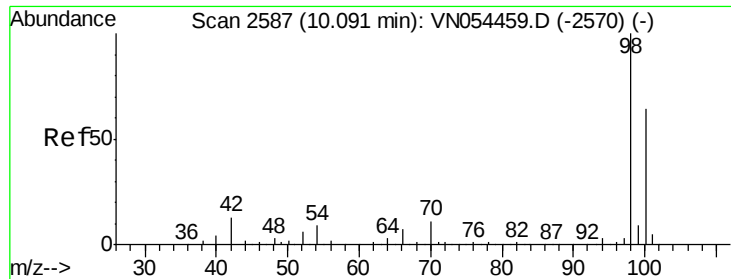
69 0.0 72.6 108.8#

39 0.0 47.5 71.3#



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





#50

Toluene-d8

Concen: 49.403 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054677.D

Acq: 25 Mar 2019 17:11

Instrument :

MSVOA_N

ClientSampled :

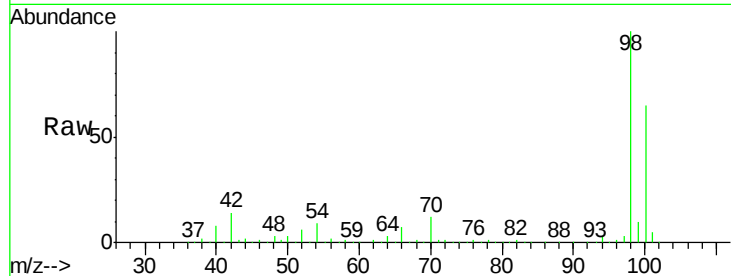
DRUM-1

Tot Ion: 98 Resp: 1078708

Ion Ratio Lower Upper

98 100

100 64.4 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054459.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN054459.D (-2570) (-)

10.09

600000

500000

400000

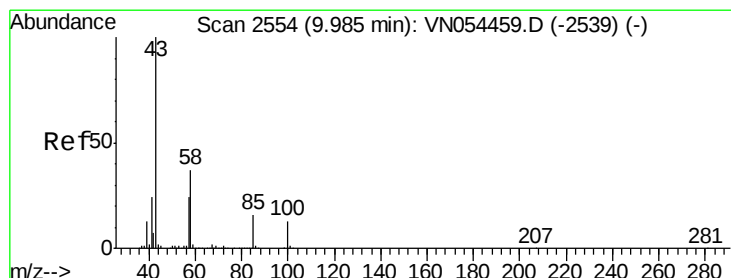
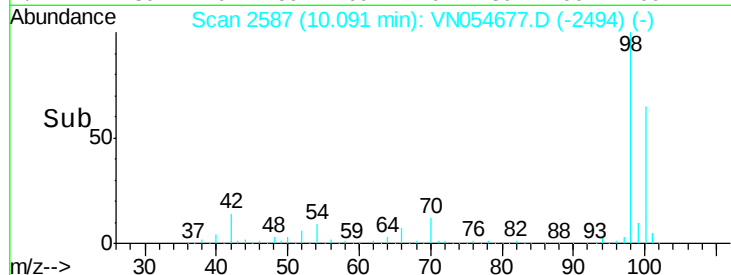
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 1.077 ug/l

RT: 10.03 min Scan# 2568

Delta R.T. 0.04 min

Lab File: VN054677.D

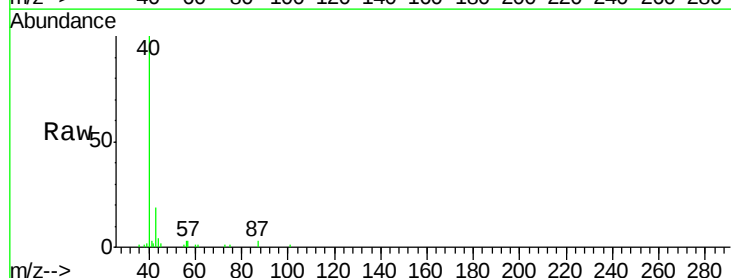
Acq: 25 Mar 2019 17:11

Tgt Ion: 43 Resp: 6043

Ion Ratio Lower Upper

43 100

58 0.0 31.8 47.6#



Abundance Ion 43.00 (42.70 to 43.70): VN054459.D (-2539) (-)

Ion 58.00 (57.70 to 58.70): VN054459.D (-2539) (-)

10.03

5000

4000

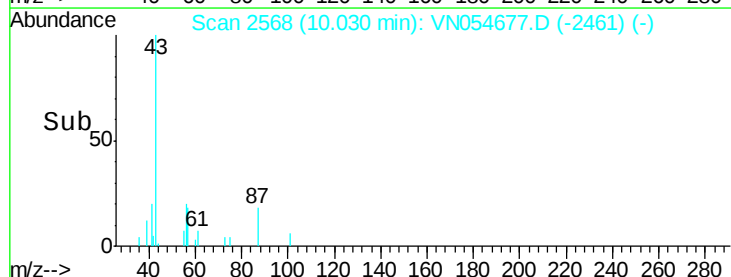
3000

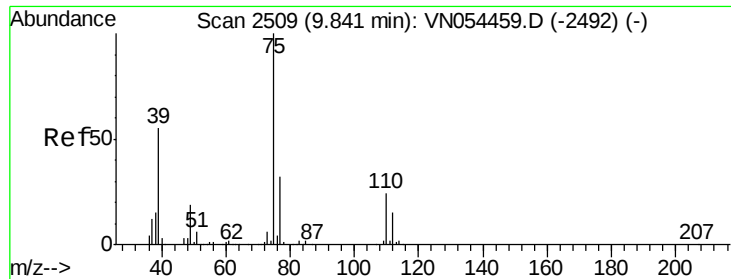
2000

1000

0

Time-->



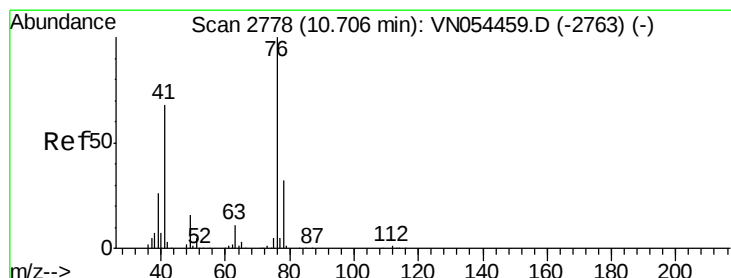
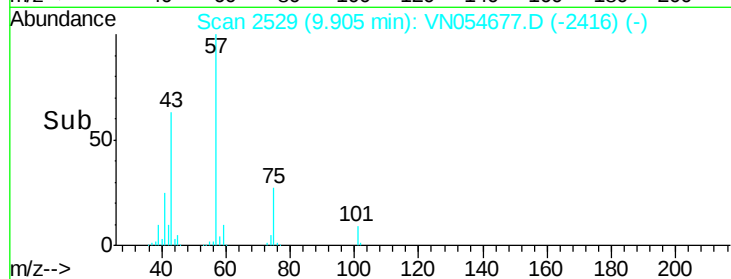
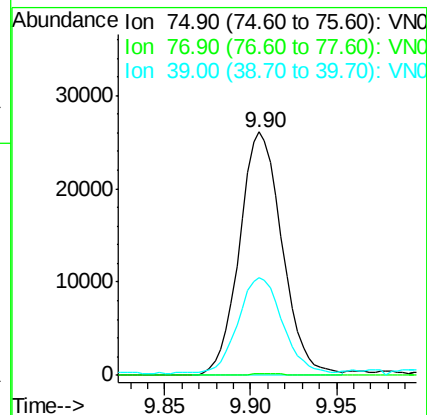
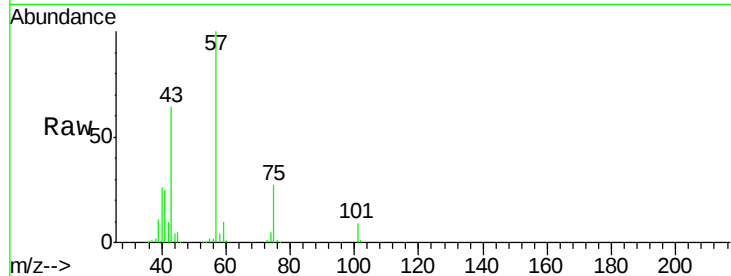


#54

cis-1,3-Dichloropropene
 Concen: 4.899 ug/l
 RT: 9.90 min Scan# 2529
 Delta R.T. 0.06 min
 Lab File: VN054677.D
 Acq: 25 Mar 2019 17:11

Instrument :
 MSVOA_N
 ClientSampled :
 DRUM-1

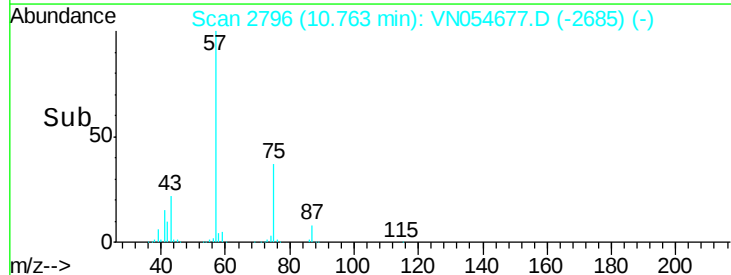
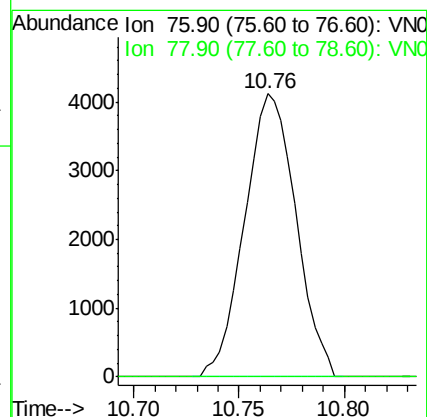
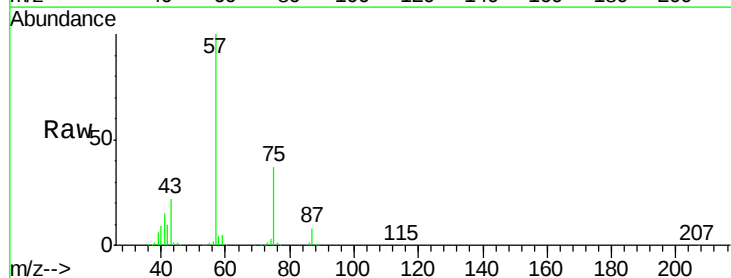
Tot Ion	Ratio	Lower	Upper
75	100		
77	0.8	25.4	38.0#
39	38.9	37.2	55.8

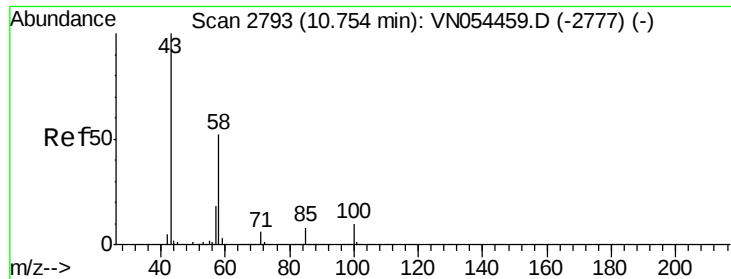


#57

1,3-Dichloropropane
 Concen: 0.753 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN054677.D
 Acq: 25 Mar 2019 17:11

Tgt Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.7	38.5#

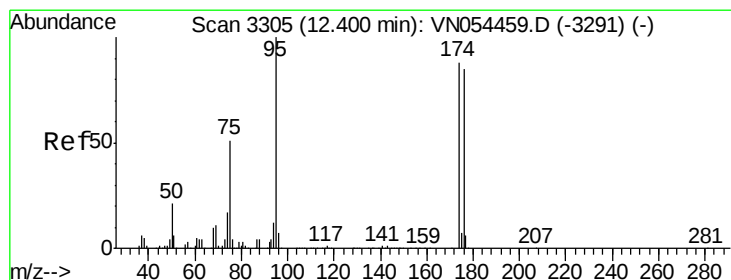
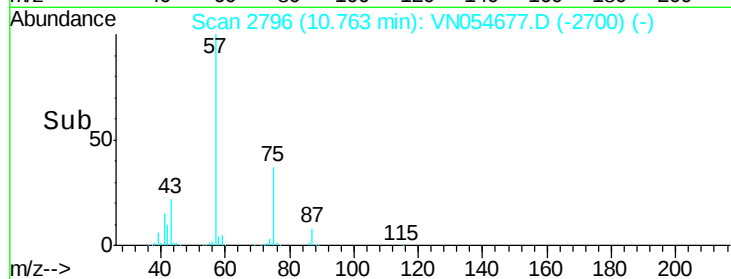
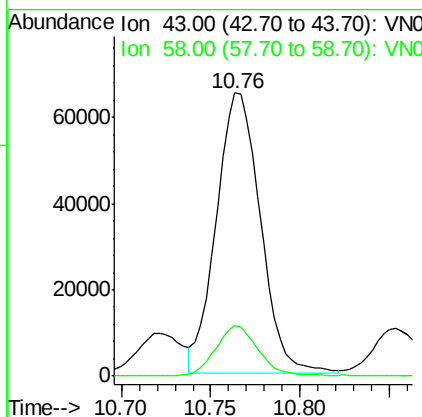
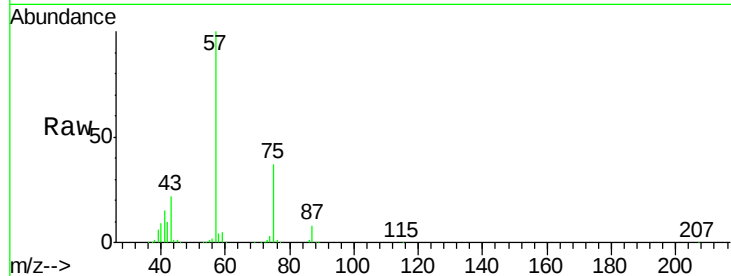




#59
2-Hexanone
Concen: 30.430 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN054677.D
Acq: 25 Mar 2019 17:11

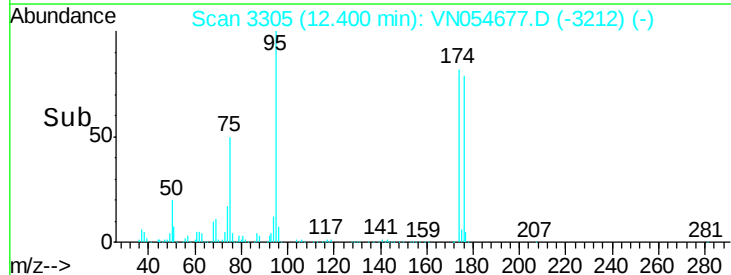
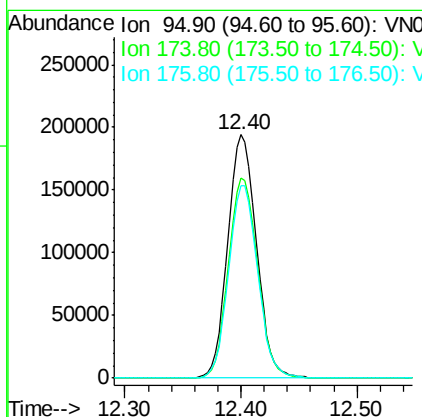
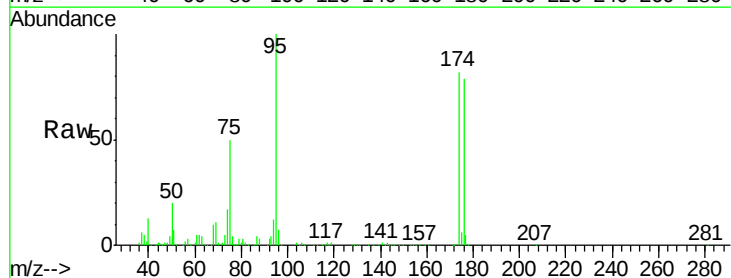
Instrument :
MSVOA_N
ClientSampleId :
DRUM-1

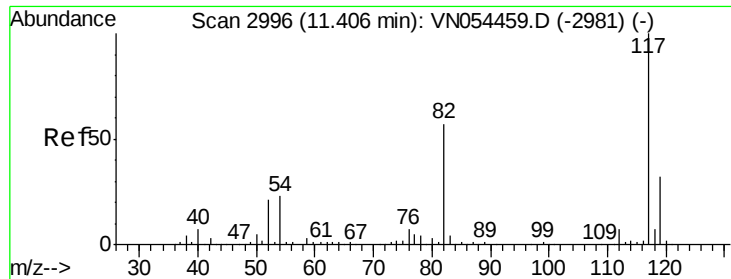
Tot Ion: 43 Resp: 111536
Ion Ratio Lower Upper
43 100
58 17.4 28.0 83.9#



#62
4-Bromofluorobenzene
Concen: 44.657 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN054677.D
Acq: 25 Mar 2019 17:11

Tgt Ion: 95 Resp: 331808
Ion Ratio Lower Upper
95 100
174 83.6 0.0 191.0
176 80.1 0.0 187.4

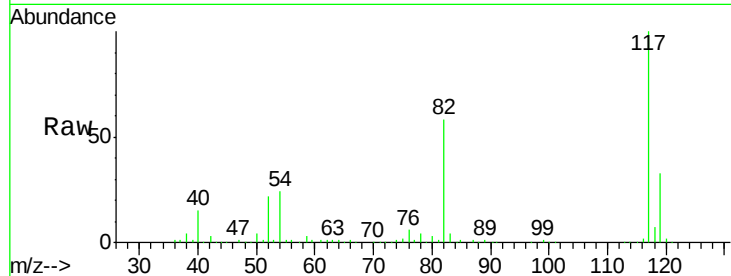




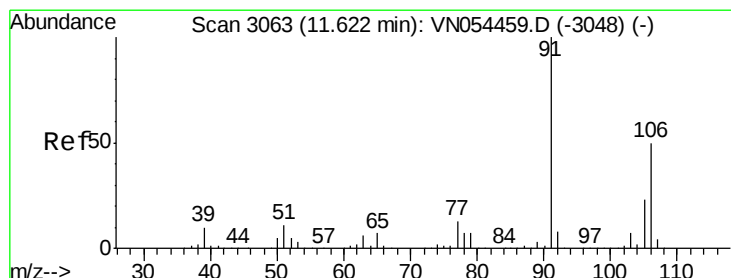
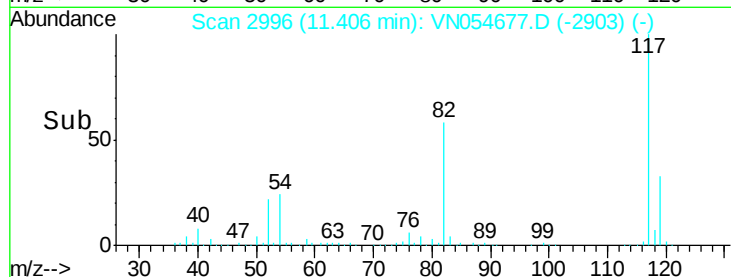
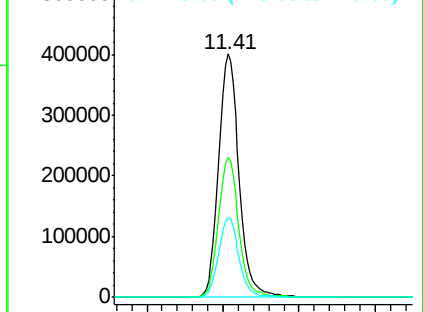
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054677.D
Acq: 25 Mar 2019 17:11

Instrument :
MSVOA_N
ClientSampled :
DRUM-1

Tot Ion:117 Resp: 748400
Ion Ratio Lower Upper
117 100
82 57.6 40.0 60.0
119 32.8 25.8 38.6

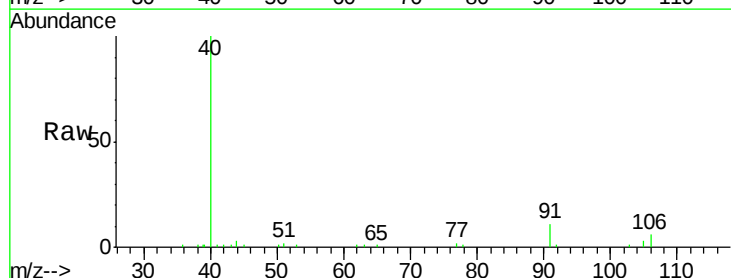


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN0
Ion 118.90 (118.60 to 119.60): V

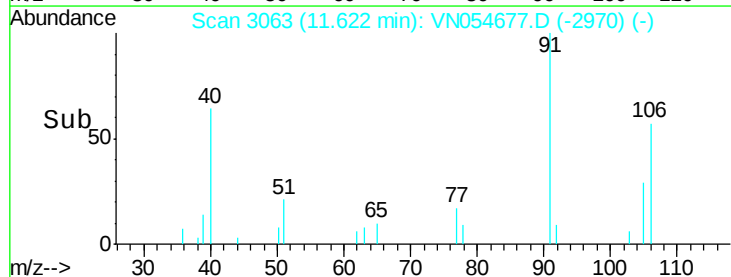
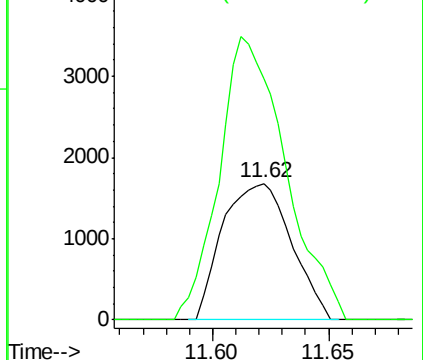


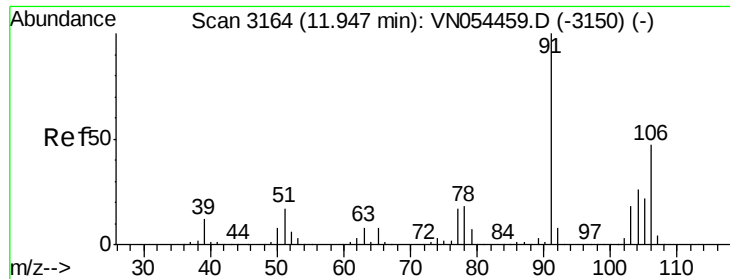
#68
m/p-Xylenes
Concen: 0.340 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN054677.D
Acq: 25 Mar 2019 17:11

Tgt Ion:106 Resp: 3462
Ion Ratio Lower Upper
106 100
91 199.7 159.4 239.2



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

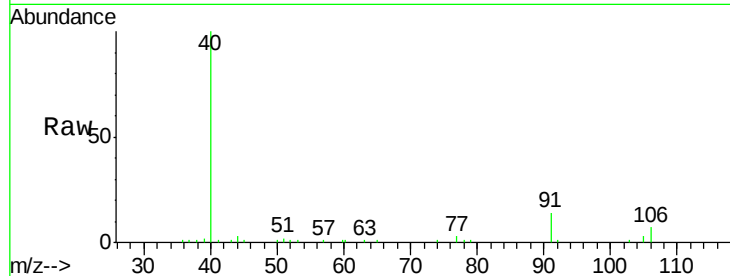




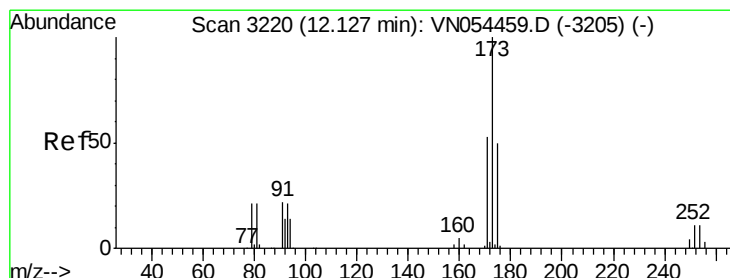
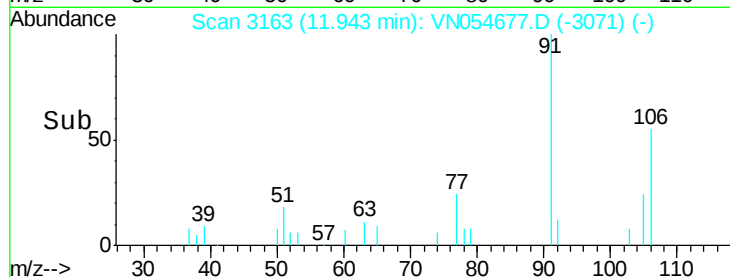
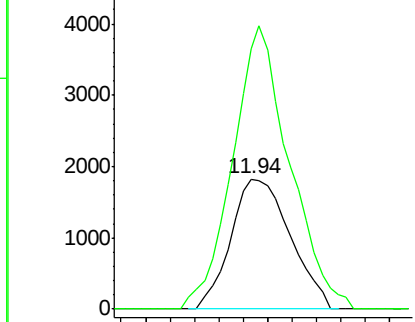
#69
o-Xylene
Concen: 0.309 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. -0.00 min
Lab File: VN054677.D
Acq: 25 Mar 2019 17:11

Instrument :
MSVOA_N
ClientSampled :
DRUM-1

Tot Ion:106 Resp: 3078
Ion Ratio Lower Upper
106 100
91 207.9 105.7 317.1

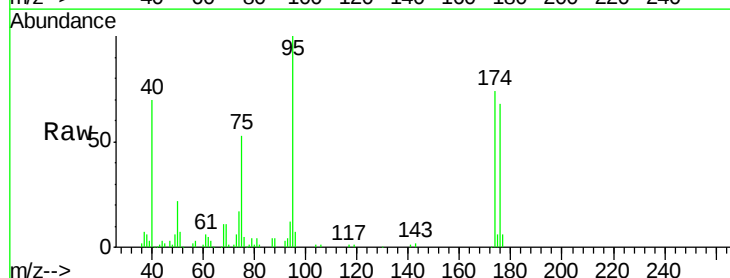


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

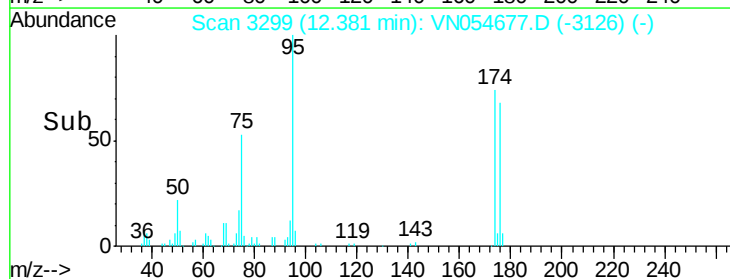
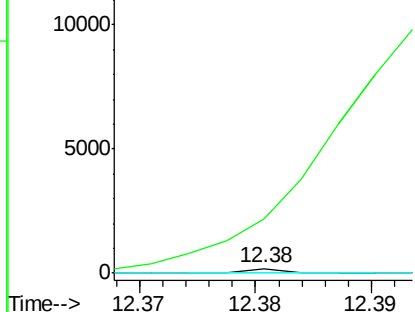


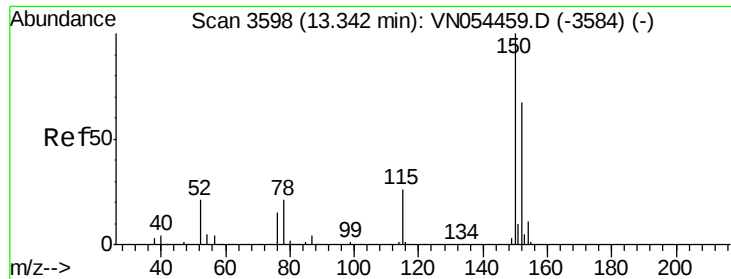
#71
Bromoform
Concen: 2.229 ug/l
RT: 12.38 min Scan# 3299
Delta R.T. 0.25 min
Lab File: VN054677.D
Acq: 25 Mar 2019 17:11

Tgt Ion:173 Resp: 34
Ion Ratio Lower Upper
173 100
175 54958.8 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: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN054677.D

Acq: 25 Mar 2019 17:11

Instrument :

MSVOA_N

ClientSampleId :

DRUM-1

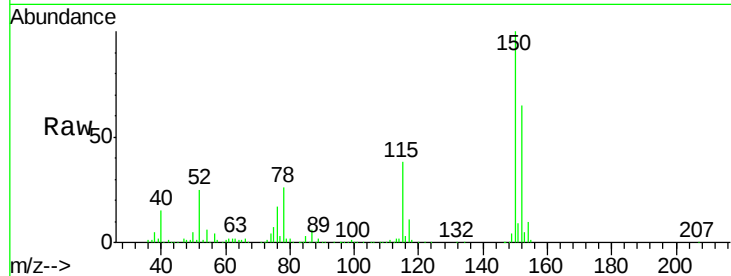
Tot Ion:152 Resp: 280814

Ion Ratio Lower Upper

152 100

115 59.3 27.2 81.6

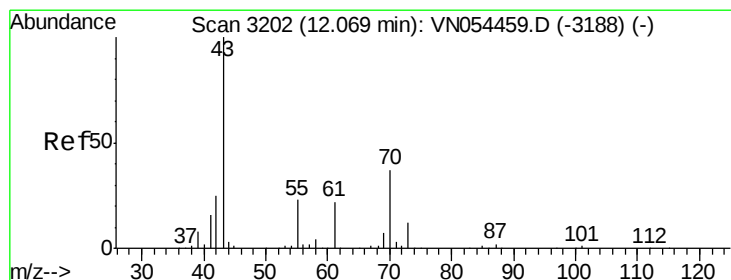
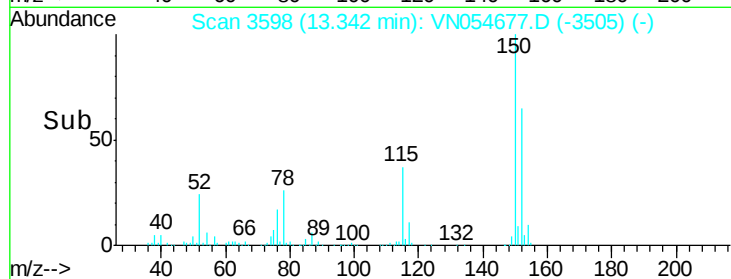
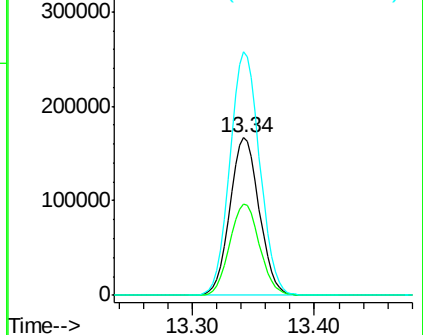
150 156.1 0.0 349.2



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-ethyl acetate

Concen: 1.738 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN054677.D

Acq: 25 Mar 2019 17:11

Tgt Ion: 43 Resp: 11306

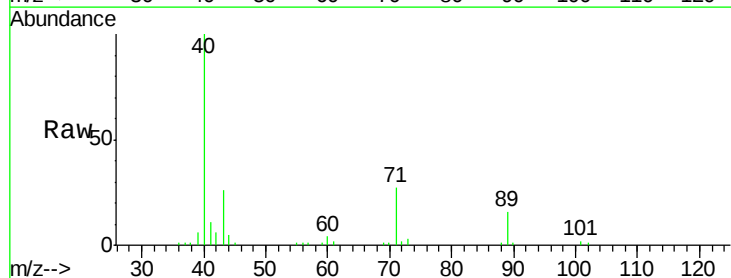
Ion Ratio Lower Upper

43 100

70 0.3 35.4 53.0#

55 5.0 19.8 29.6#

61 8.9 19.8 29.6#

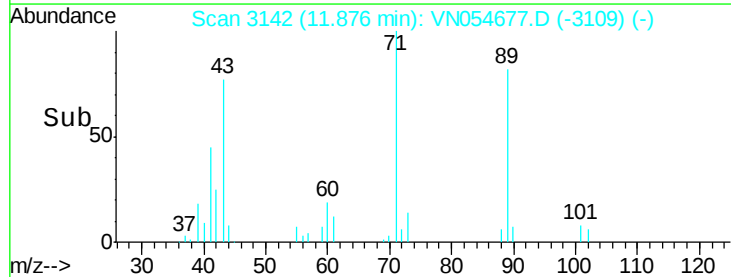
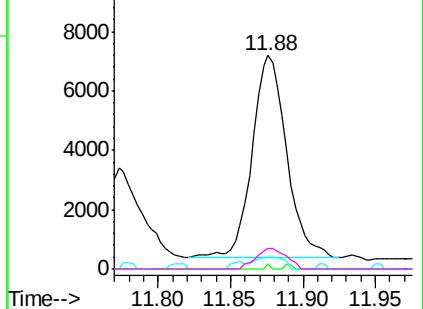


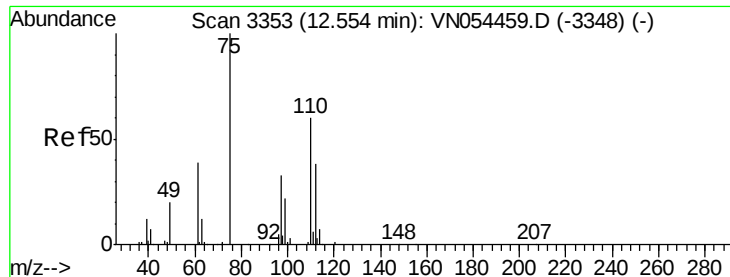
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#76

1,2,3-Trichloropropane

Concen: 38.105 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054677.D

Acq: 25 Mar 2019 17:11

Instrument :

MSVOA_N

ClientSampled :

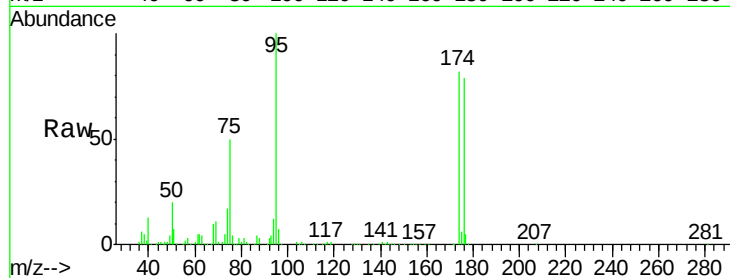
DRUM-1

Tot Ion: 75 Resp: 169801

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN054459.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN054459.D (-3348) (-)

12.40

100000

80000

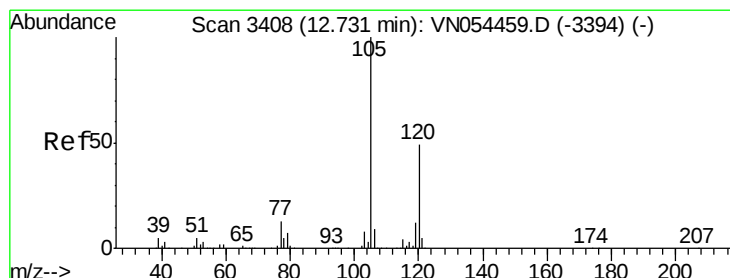
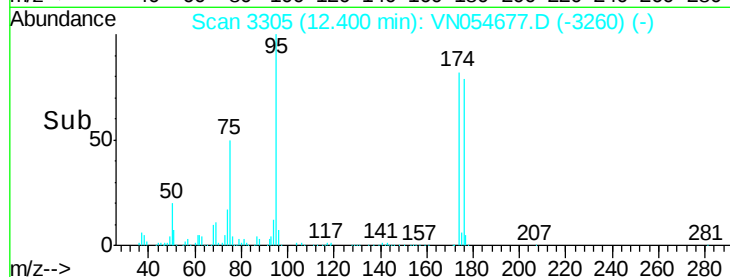
60000

40000

20000

0

Time--> 12.30 12.40 12.50



#80

1,3,5-Trimethylbenzene

Concen: 0.819 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN054677.D

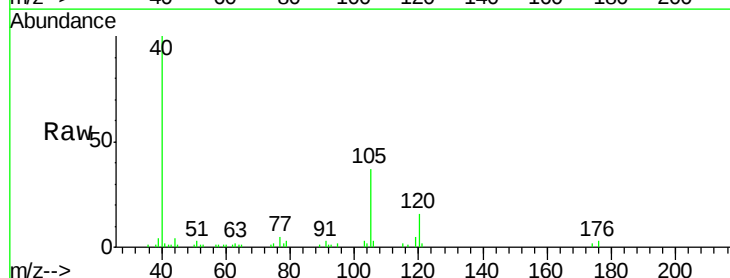
Acq: 25 Mar 2019 17:11

Tgt Ion: 105 Resp: 15186

Ion Ratio Lower Upper

105 100

120 46.4 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VN054459.D (-3394) (-)

Ion 120.00 (119.70 to 120.70): VN054459.D (-3394) (-)

12.73

10000

8000

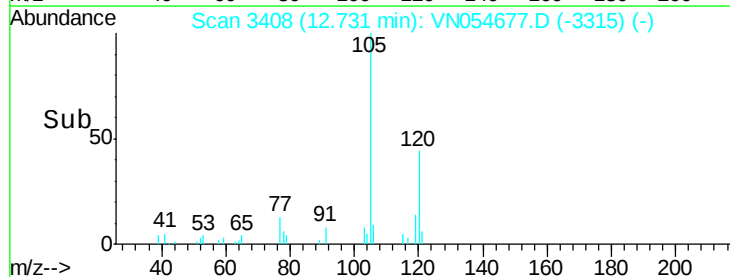
6000

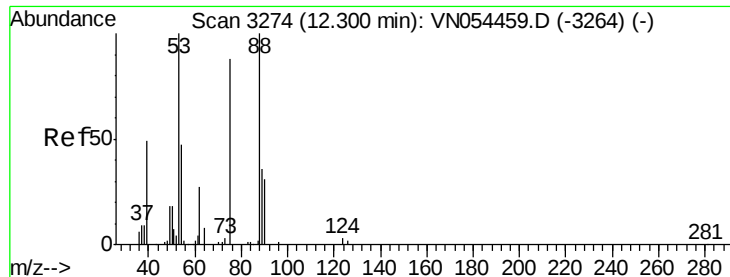
4000

2000

0

Time--> 12.70 12.75 12.80





#81

trans-1,4-Dichloro-2-butene

Concen: 126.202 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054677.D

Acq: 25 Mar 2019 17:11

Instrument :

MSVOA_N

ClientSampleId :

DRUM-1

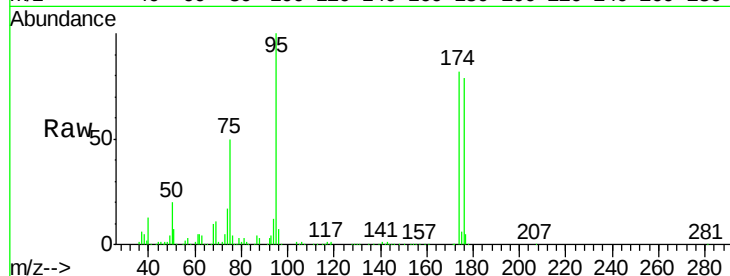
Tot Ion: 75 Resp: 169801

Ion Ratio Lower Upper

75 100

53 0.0 76.2 114.2#

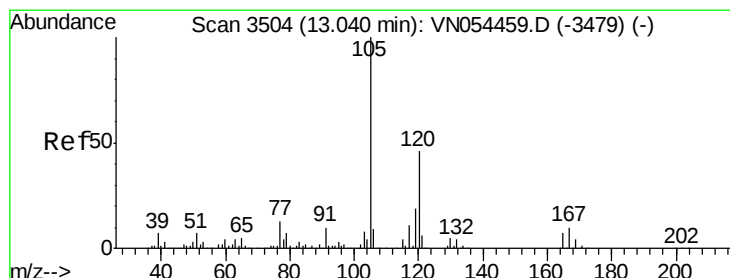
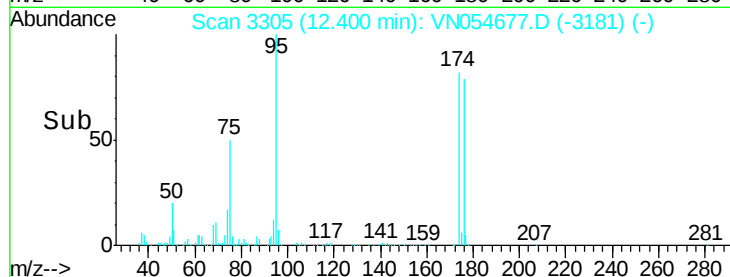
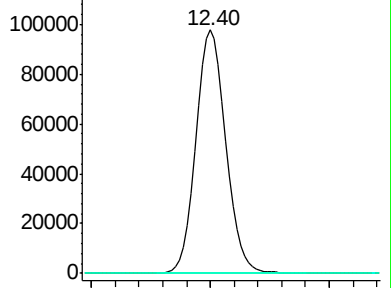
89 0.0 39.2 58.8#



Abundance Ion 74.90 (74.60 to 75.60): VN054459.D (-3264) (-)

Ion 53.00 (52.70 to 53.70): VN054459.D (-3264) (-)

Ion 88.90 (88.60 to 89.60): VN054459.D (-3264) (-)



#84

1,2,4-Trimethylbenzene

Concen: 1.660 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN054677.D

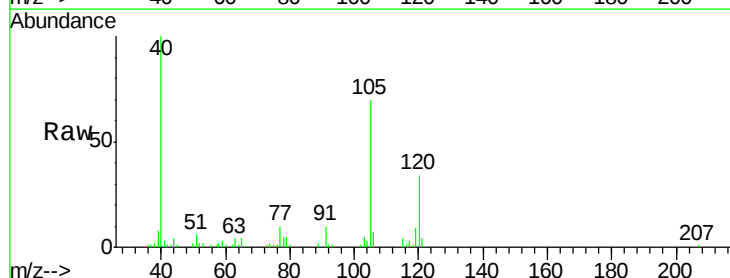
Acq: 25 Mar 2019 17:11

Tgt Ion: 105 Resp: 30207

Ion Ratio Lower Upper

105 100

120 46.1 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): VN054459.D (-3479) (-)

Ion 120.00 (119.70 to 120.70): VN054459.D (-3479) (-)

Ion 167.00 (166.70 to 167.70): VN054459.D (-3479) (-)

Ion 202.00 (201.70 to 202.70): VN054459.D (-3479) (-)

Ion 207.00 (206.70 to 207.70): VN054459.D (-3479) (-)

Ion 212.00 (211.70 to 212.70): VN054459.D (-3479) (-)

Ion 217.00 (216.70 to 217.70): VN054459.D (-3479) (-)

Ion 222.00 (221.70 to 222.70): VN054459.D (-3479) (-)

Ion 227.00 (226.70 to 227.70): VN054459.D (-3479) (-)

Ion 232.00 (231.70 to 232.70): VN054459.D (-3479) (-)

Ion 237.00 (236.70 to 237.70): VN054459.D (-3479) (-)

Ion 242.00 (241.70 to 242.70): VN054459.D (-3479) (-)

Ion 247.00 (246.70 to 247.70): VN054459.D (-3479) (-)

Ion 252.00 (251.70 to 252.70): VN054459.D (-3479) (-)

Ion 257.00 (256.70 to 257.70): VN054459.D (-3479) (-)

Ion 262.00 (261.70 to 262.70): VN054459.D (-3479) (-)

Ion 267.00 (266.70 to 267.70): VN054459.D (-3479) (-)

Ion 272.00 (271.70 to 272.70): VN054459.D (-3479) (-)

Ion 277.00 (276.70 to 277.70): VN054459.D (-3479) (-)

Ion 282.00 (281.70 to 282.70): VN054459.D (-3479) (-)

Ion 287.00 (286.70 to 287.70): VN054459.D (-3479) (-)

Ion 292.00 (291.70 to 292.70): VN054459.D (-3479) (-)

Ion 297.00 (296.70 to 297.70): VN054459.D (-3479) (-)

Ion 302.00 (301.70 to 302.70): VN054459.D (-3479) (-)

Ion 307.00 (306.70 to 307.70): VN054459.D (-3479) (-)

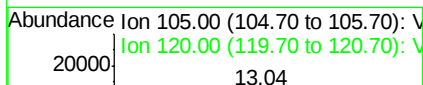
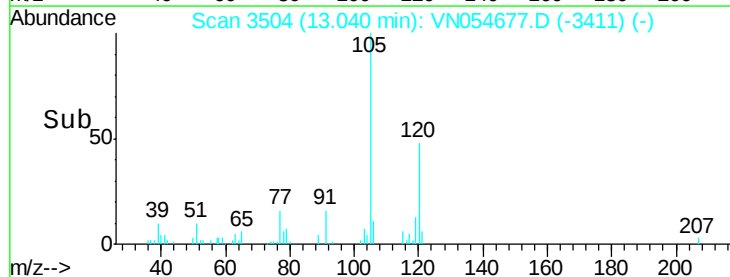
Ion 312.00 (311.70 to 312.70): VN054459.D (-3479) (-)

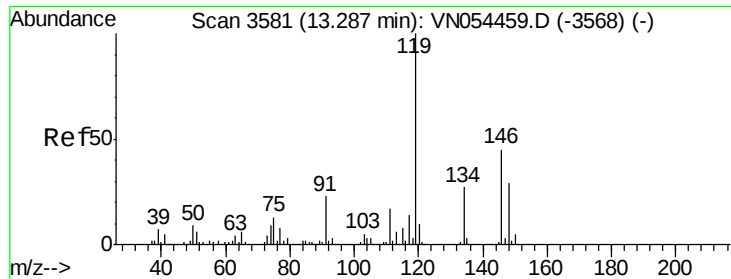
Ion 317.00 (316.70 to 317.70): VN054459.D (-3479) (-)

Ion 322.00 (321.70 to 322.70): VN054459.D (-3479) (-)

Ion 327.00 (326.70 to 327.70): VN054459.D (-3479) (-)

Ion 332.00 (331.70 to 332.70): VN054459.D (-3479) (-)

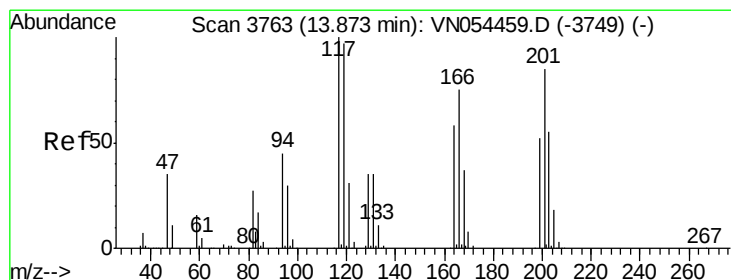
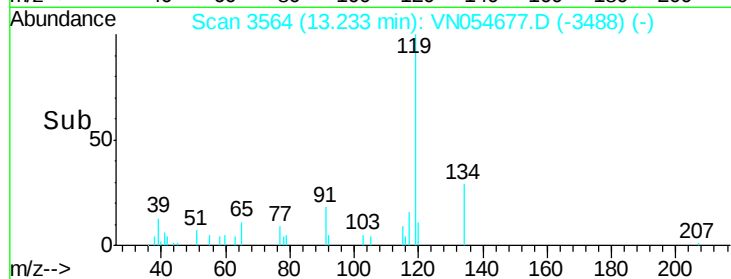
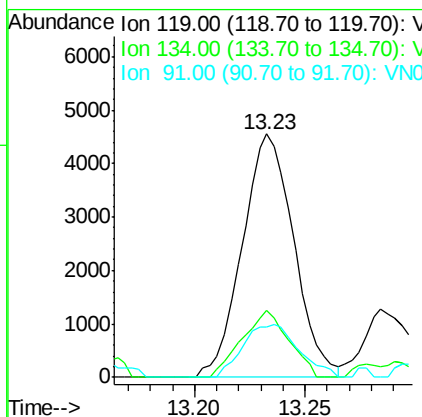
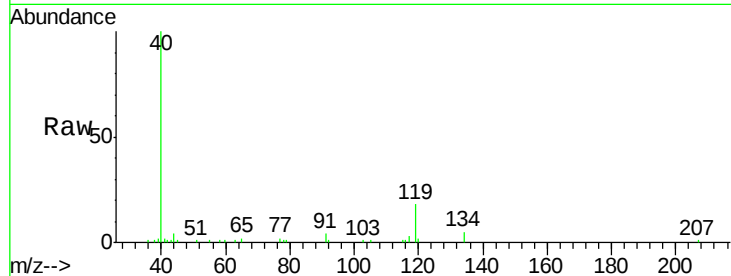




#86
 p-Isopropyltoluene
 Concen: 0.409 ug/l
 RT: 13.23 min Scan# 3564
 Delta R.T. -0.05 min
 Lab File: VN054677.D
 Acq: 25 Mar 2019 17:11

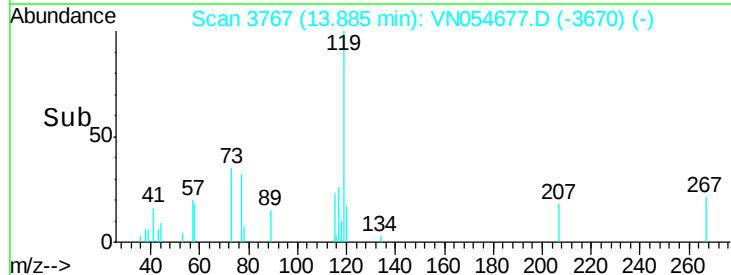
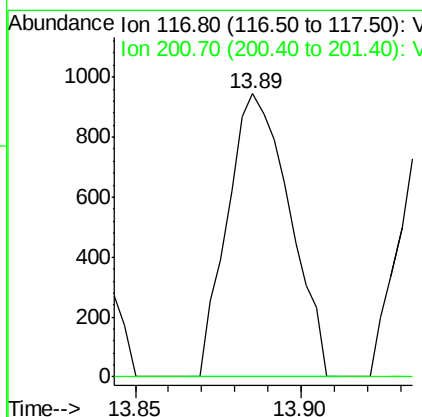
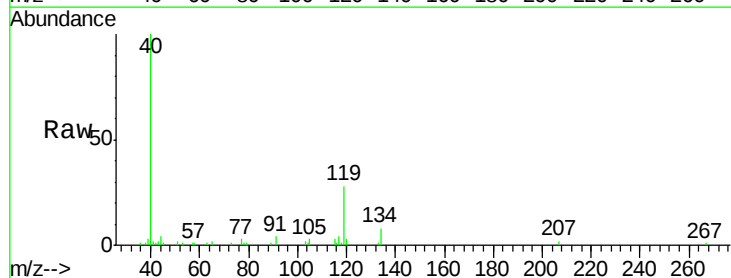
Instrument :
 MSVOA_N
 ClientSampled :
 DRUM-1

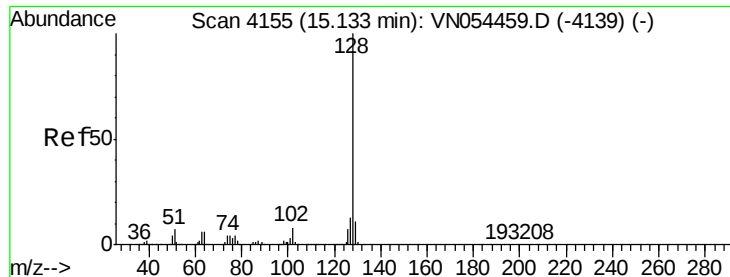
Tot Ion:119 Resp: 7363
 Ion Ratio Lower Upper
 119 100
 134 25.1 13.6 40.8
 91 23.5 11.1 33.3



#90
 Hexachloroethane
 Concen: 0.440 ug/l
 RT: 13.89 min Scan# 3767
 Delta R.T. 0.01 min
 Lab File: VN054677.D
 Acq: 25 Mar 2019 17:11

Tgt Ion:117 Resp: 1229
 Ion Ratio Lower Upper
 117 100
 201 0.0 48.1 144.4#





#95

Naphthalene

Concen: 2.573 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN054677.D

Acq: 25 Mar 2019 17:11

Instrument :

MSVOA_N

ClientSampleId :

DRUM-1

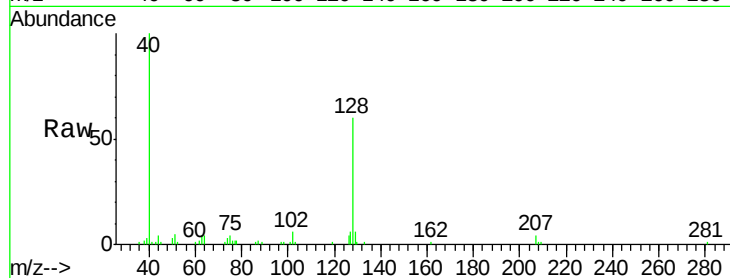
Tot Ion:128 Resp: 25775

Ion Ratio Lower Upper

128 100

127 12.0 10.1 15.1

129 11.3 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

