

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031619\
 Data File : VN054367.D
 Acq On : 17 Mar 2019 6:00
 Operator : JC/SP
 Sample : K1958-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1

Quant Time: Mar 18 05:04:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1819485	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2646319	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2238771	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	834795	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	897850	46.47	ug/l	0.00
Spiked Amount			Recovery	=	92.94%	
35) Dibromofluoromethane	7.59	113	792934	46.46	ug/l	0.00
Spiked Amount			Recovery	=	92.92%	
50) Toluene-d8	10.09	98	3050900	48.40	ug/l	0.00
Spiked Amount			Recovery	=	96.80%	
62) 4-Bromofluorobenzene	12.40	95	912099	41.35	ug/l	0.00
Spiked Amount			Recovery	=	82.70%	

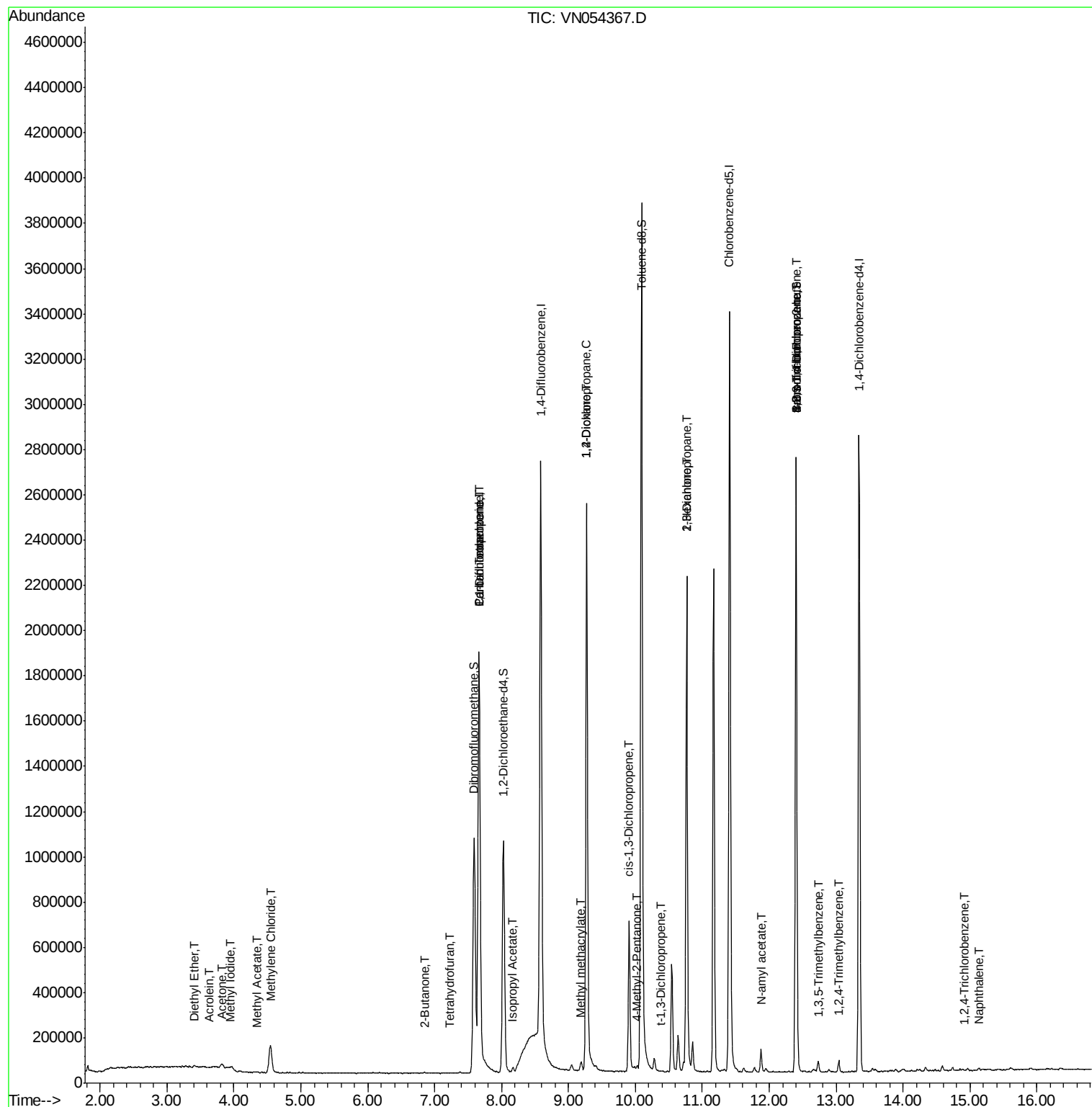
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.41	74	3035	0.262	ug/l #	13
10) Methyl Iodide	3.94	142	166	1.503	ug/l #	36
13) Acrolein	3.62	56	446	0.355	ug/l	95
16) Acetone	3.82	43	20288	3.667	ug/l	95
18) Methyl Acetate	4.33	43	6874	0.614	ug/l #	83
20) Methylene Chloride	4.54	84	97104	5.345	ug/l	96
25) 2-Butanone	6.86	43	3202	0.493	ug/l #	76
29) Tetrahydrofuran	7.22	42	1303	0.312	ug/l #	92
31) Cyclohexane	7.66	56	26739	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	105631	4.334	ug/l #	48
38) Carbon Tetrachloride	7.67	117	146221	5.721	ug/l #	16
43) Isopropyl Acetate	8.17	43	25899	1.054	ug/l	95
45) 1,2-Dichloropropane	9.27	63	3492	0.202	ug/l #	43
48) Methyl methacrylate	9.18	41	13866	1.112	ug/l #	11
49) 1,4-Dioxane	9.27	88	235	1.332	ug/l #	1
51) 4-Methyl-2-Pentanone	10.03	43	15391	1.183	ug/l #	36
53) t-1,3-Dichloropropene	10.39	75	89	1.989	ug/l #	42
54) cis-1,3-Dichloropropene	9.91	75	130852	4.787	ug/l #	61
57) 1,3-Dichloropropane	10.76	76	25801	0.977	ug/l #	43
59) 2-Hexanone	10.77	43	323507	37.378	ug/l #	49
71) Bromoform	12.40	173	5642	2.746	ug/l #	1
74) N-amyl acetate	11.88	43	31576	2.130	ug/l #	51
76) 1,2,3-Trichloropropane	12.40	75	440884	35.914	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	25190	0.453	ug/l	93
81) trans-1,4-Dichloro-2-buten	12.40	75	440884	122.771	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.04	105	29368	0.539	ug/l	98
93) 1,2,4-Trichlorobenzene	14.91	180	251	2.530	ug/l #	20
95) Naphthalene	15.14	128	7601	3.663	ug/l #	93

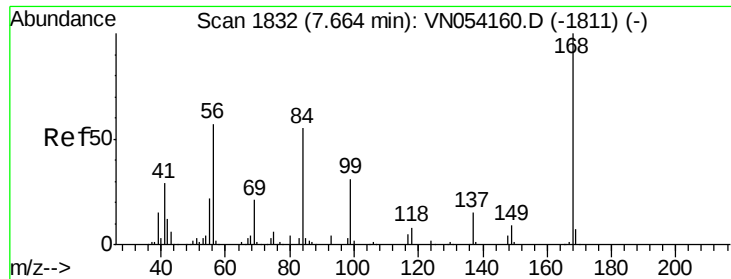
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN054367.D

Acq: 17 Mar 2019 6:00

Instrument :

MSVOA_N

ClientSampled :

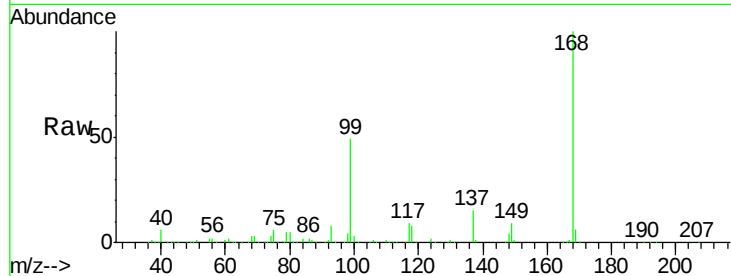
TP-1

Tot Ion:168 Resp: 1819485

Ion Ratio Lower Upper

168 100

99 48.8 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): VN054367.D

Ion 98.90 (98.60 to 99.60): VN054367.D

7.66

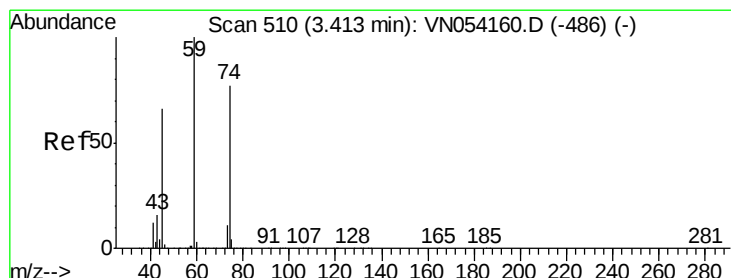
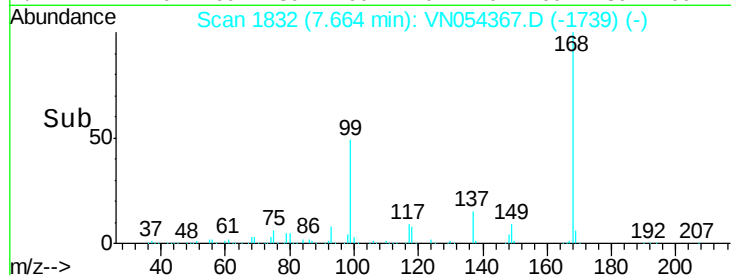
600000

400000

200000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#8

Diethyl Ether

Concen: 0.262 ug/l

RT: 3.41 min Scan# 509

Delta R.T. -0.00 min

Lab File: VN054367.D

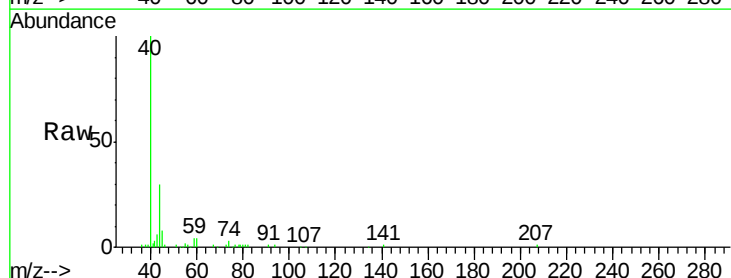
Acq: 17 Mar 2019 6:00

Tgt Ion: 74 Resp: 3035

Ion Ratio Lower Upper

74 100

45 6.4 43.1 129.4#



Abundance Ion 74.00 (73.70 to 74.70): VN054367.D

Ion 45.00 (44.70 to 45.70): VN054367.D

3.41

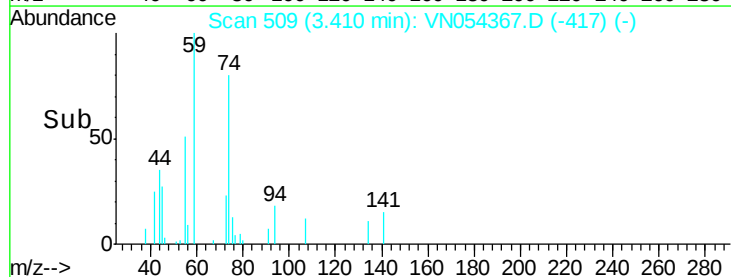
3000

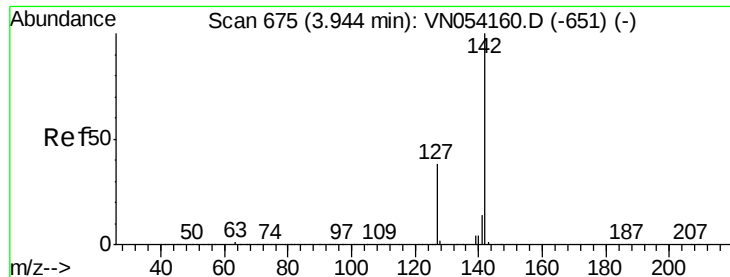
2000

1000

0

Time--> 3.35 3.40 3.45

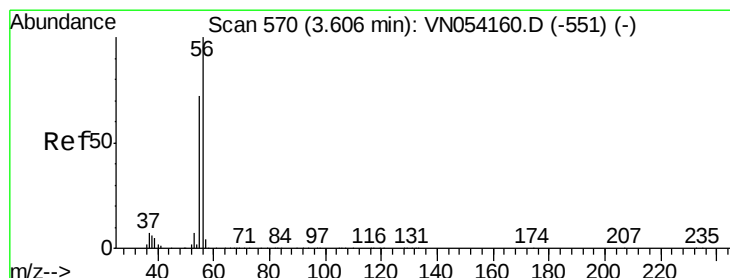
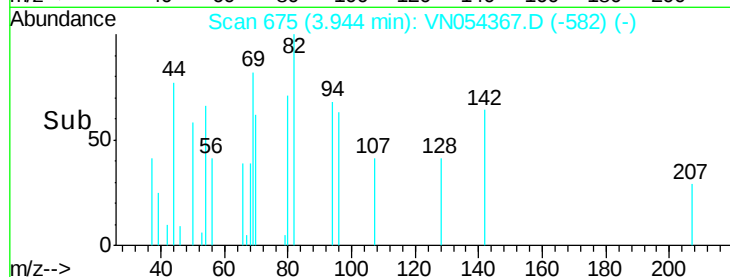
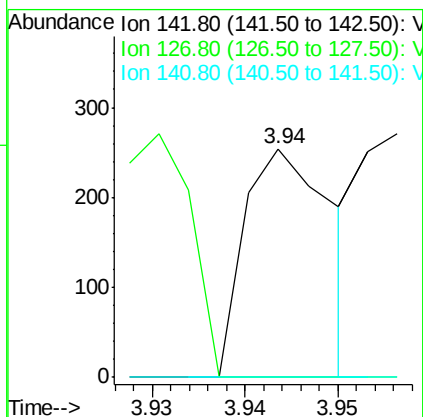
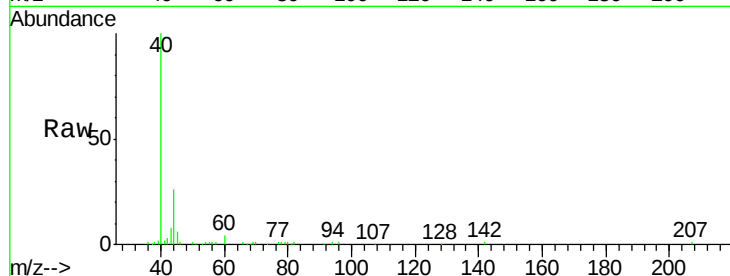




#10
Methvl Iodide
Concen: 1.503 ug/l
RT: 3.94 min Scan# 675
Delta R.T. -0.00 min
Lab File: VN054367.D
Acq: 17 Mar 2019 6:00

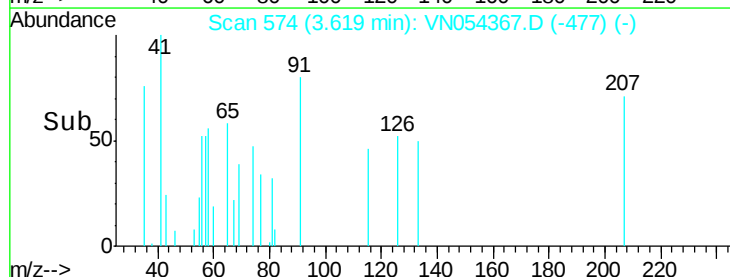
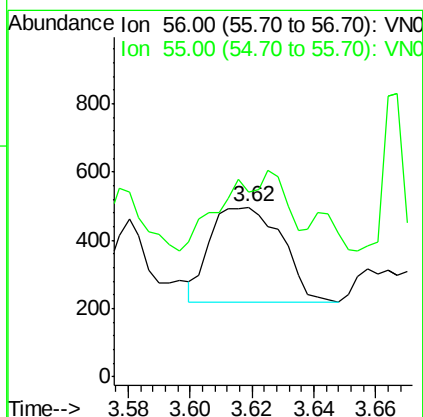
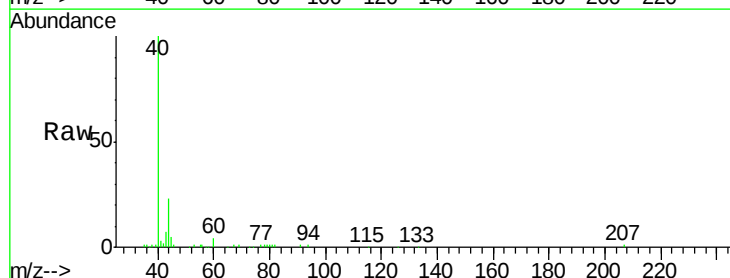
Instrument :
MSVOA_N
ClientSampled :
TP-1

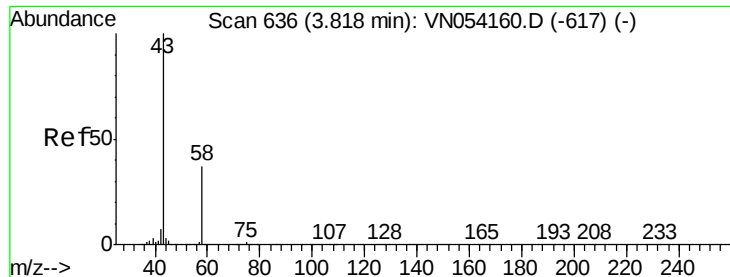
Tot Ion:142 Resp: 166
Ion Ratio Lower Upper
142 100
127 83.1 30.3 45.5#
141 0.0 11.2 16.8#



#13
Acrolein
Concen: 0.355 ug/l
RT: 3.62 min Scan# 574
Delta R.T. 0.01 min
Lab File: VN054367.D
Acq: 17 Mar 2019 6:00

Tgt Ion: 56 Resp: 446
Ion Ratio Lower Upper
56 100
55 74.7 56.7 85.1





#16

Acetone

Concen: 3.667 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054367.D

Acq: 17 Mar 2019 6:00

Instrument :

MSVOA_N

ClientSampled :

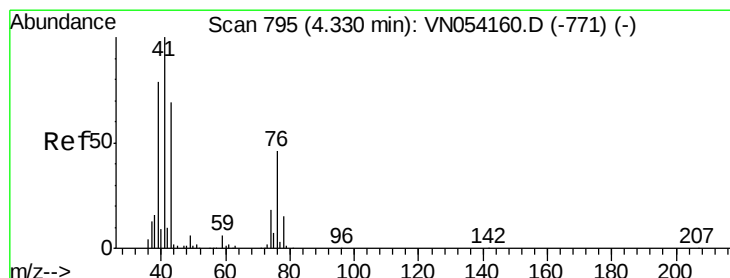
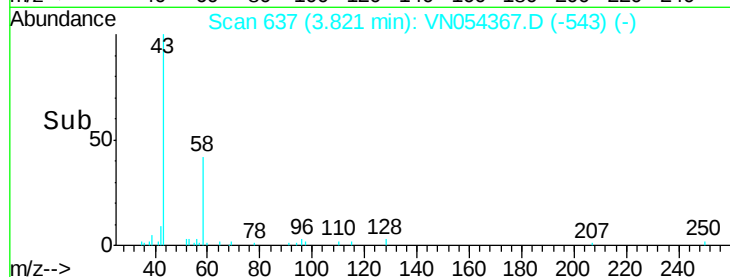
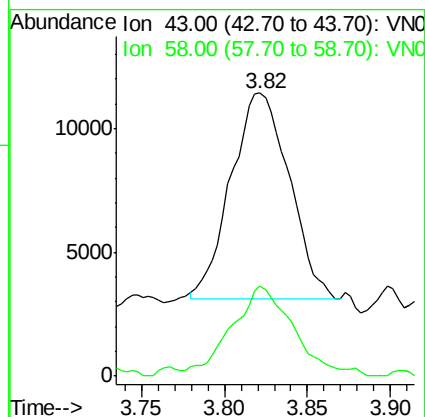
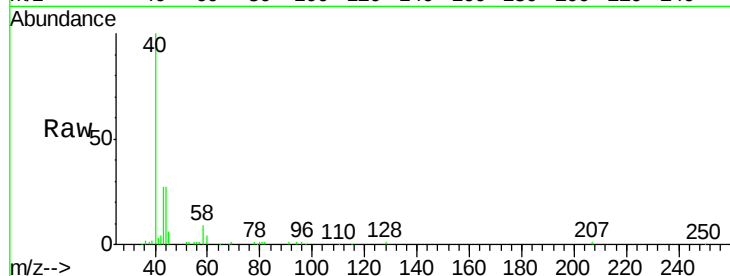
TP-1

Tot Ion: 43 Resp: 20288

Ion Ratio Lower Upper

43 100

58 40.4 29.9 44.9



#18

Methyl Acetate

Concen: 0.614 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.00 min

Lab File: VN054367.D

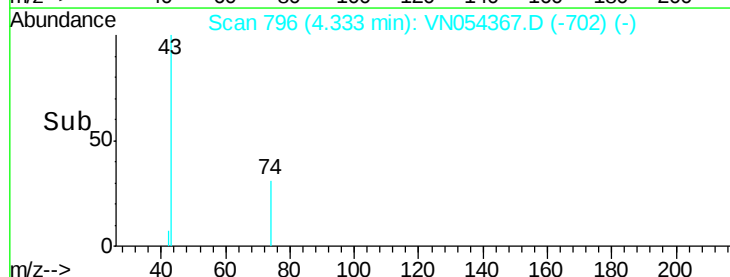
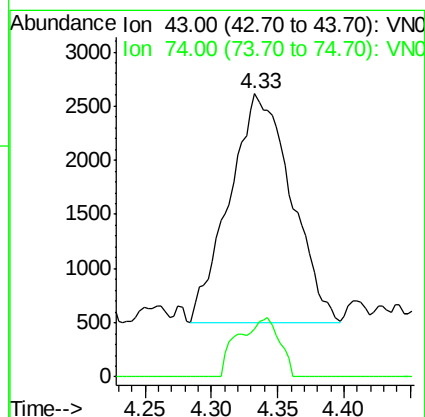
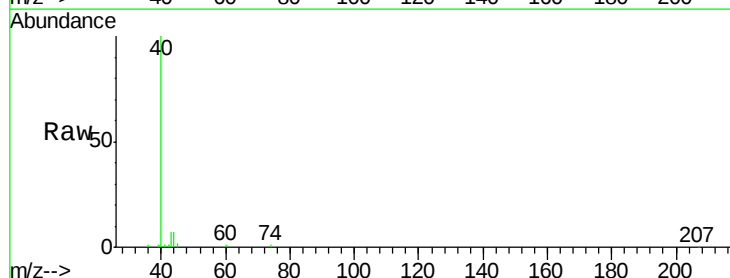
Acq: 17 Mar 2019 6:00

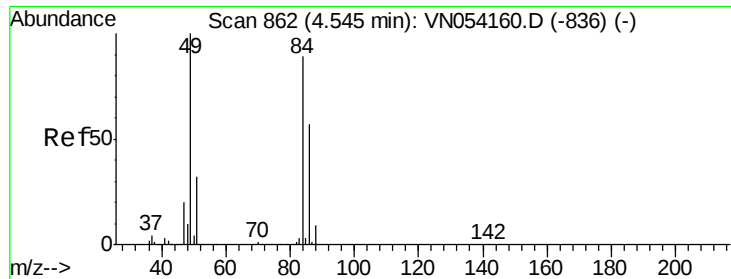
Tgt Ion: 43 Resp: 6874

Ion Ratio Lower Upper

43 100

74 17.2 20.8 31.2#

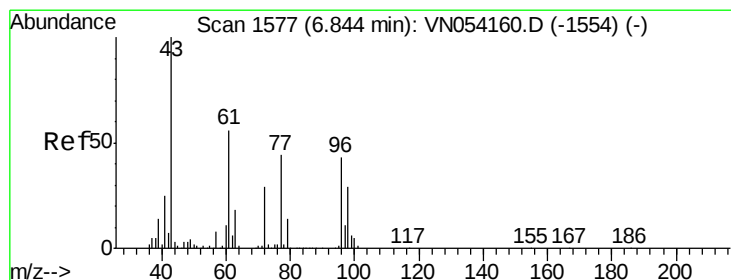
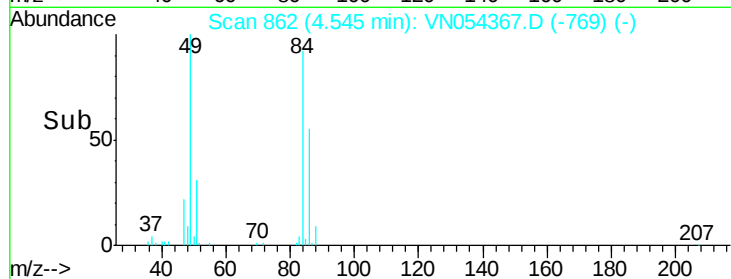
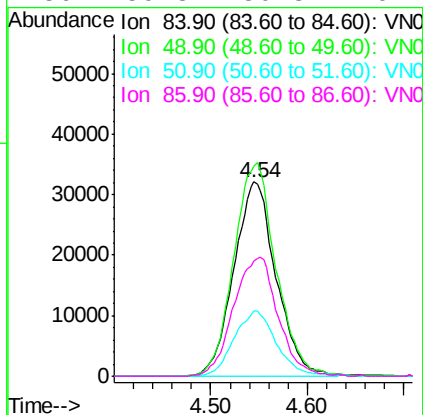
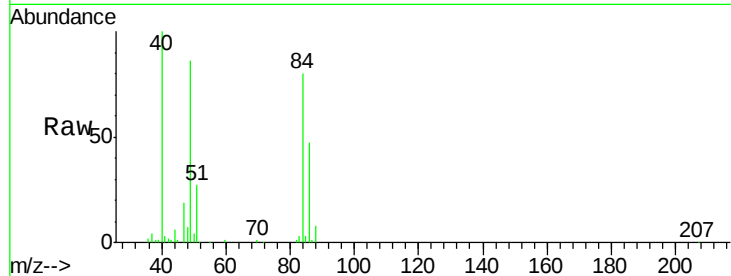




#20
Methvlene Chloride
Concen: 5.345 ug/l
RT: 4.54 min Scan# 862
Delta R.T. -0.00 min
Lab File: VN054367.D
Acq: 17 Mar 2019 6:00

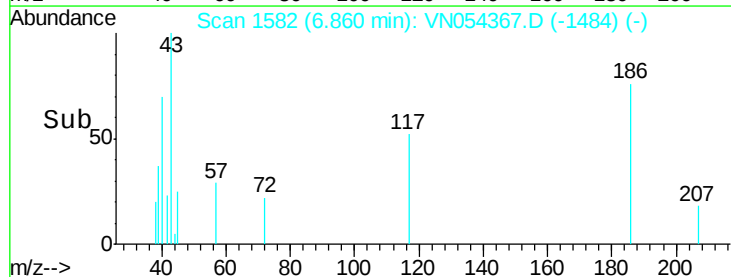
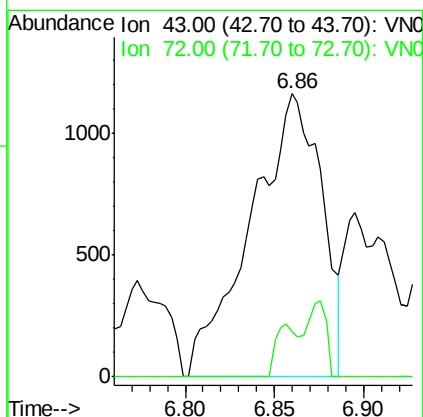
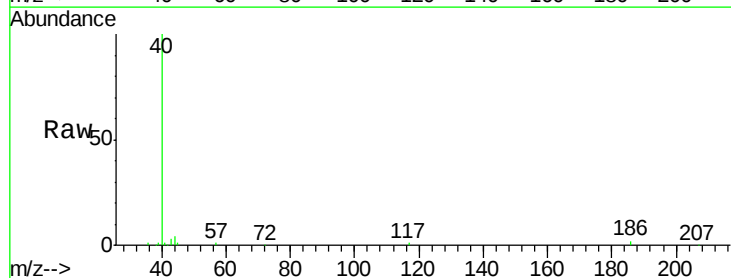
Instrument :
MSVOA_N
ClientSampled :
TP-1

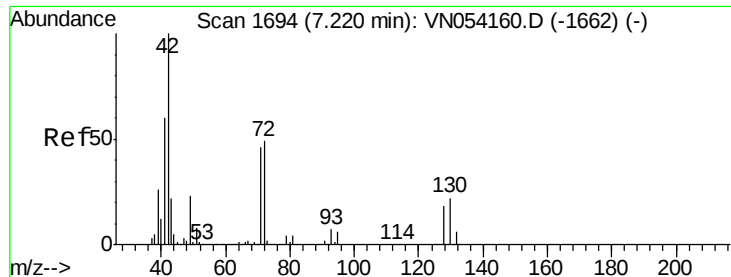
Tot Ion: 84 Resp: 97104
Ion Ratio Lower Upper
84 100
49 107.7 89.7 134.5
51 33.7 28.2 42.4
86 59.3 50.8 76.2



#25
2-Butanone
Concen: 0.493 ug/l
RT: 6.86 min Scan# 1582
Delta R.T. 0.02 min
Lab File: VN054367.D
Acq: 17 Mar 2019 6:00

Tgt Ion: 43 Resp: 3202
Ion Ratio Lower Upper
43 100
72 16.1 23.0 34.6#

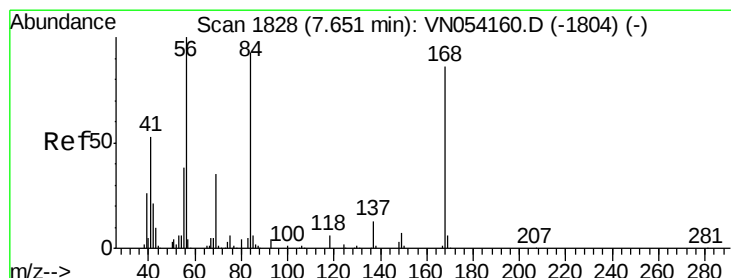
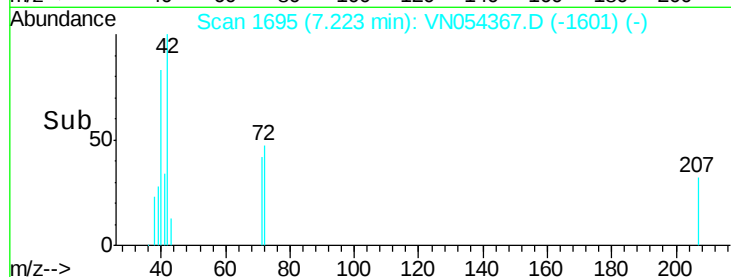
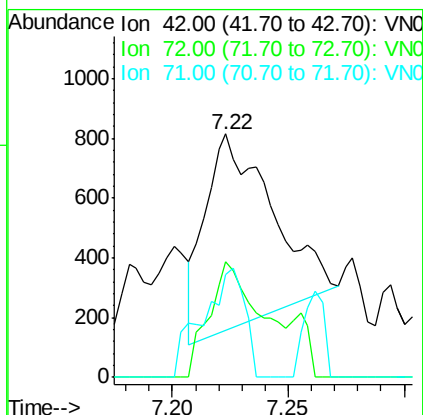
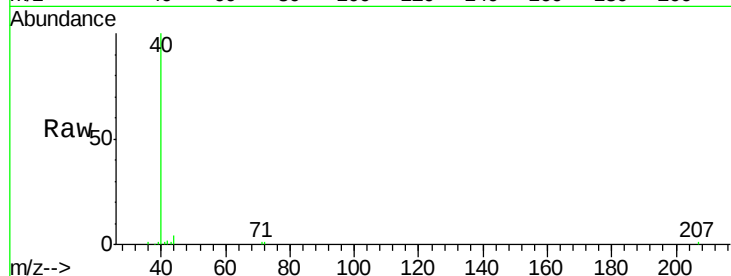




#29
Tetrahydrofuran
Concen: 0.312 ug/l
RT: 7.22 min Scan# 1695
Delta R.T. 0.00 min
Lab File: VN054367.D
Acq: 17 Mar 2019 6:00

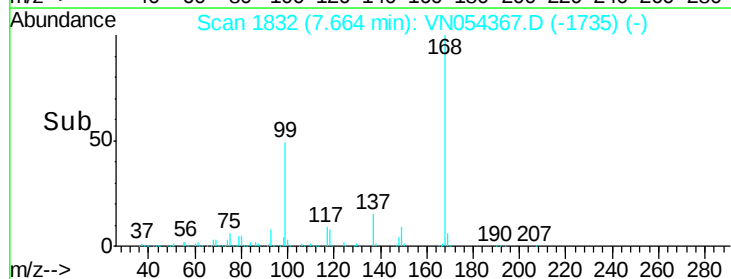
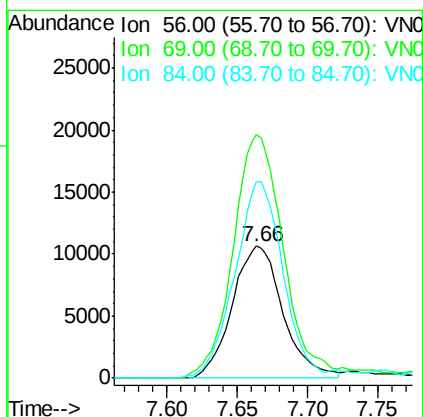
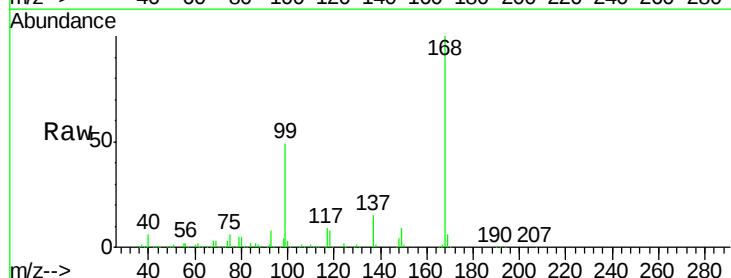
Instrument :
MSVOA_N
ClientSampled :
TP-1

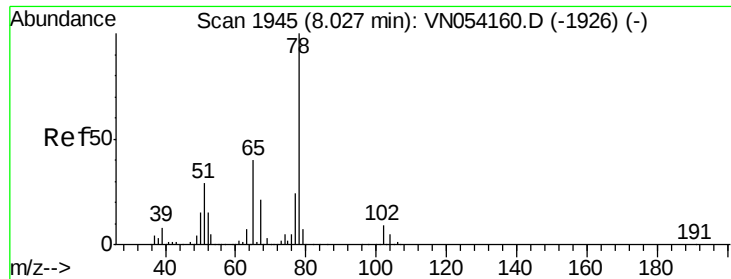
Tot Ion: 42 Resp: 1303
Ion Ratio Lower Upper
42 100
72 45.9 37.8 56.6
71 35.3 36.2 54.2#



#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN054367.D
Acq: 17 Mar 2019 6:00

Tgt Ion: 56 Resp: 26739
Ion Ratio Lower Upper
56 100
69 181.2 27.8 41.6#
84 147.1 74.6 111.8#

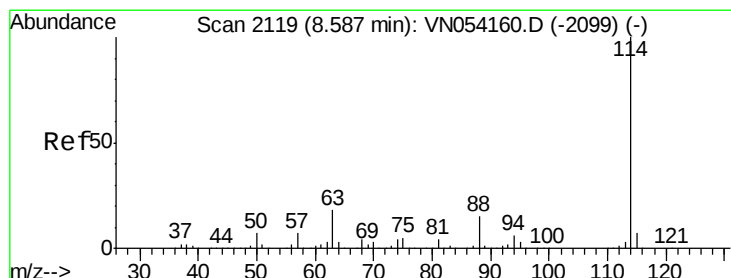
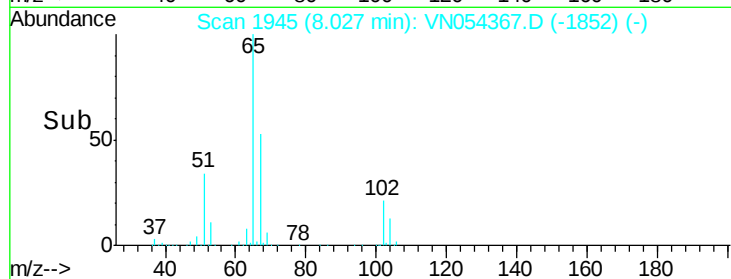
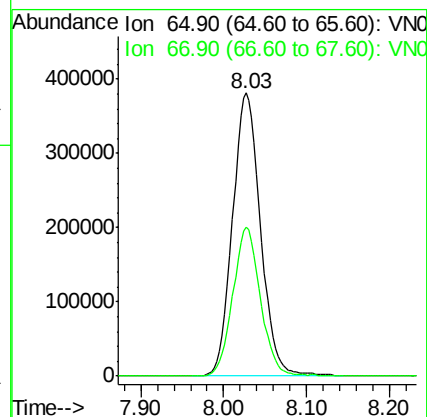
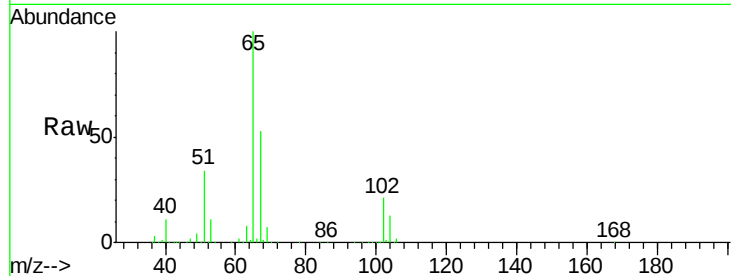




#33
 1,2-Dichloroethane-d4
 Concen: 46.465 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN054367.D
 Acq: 17 Mar 2019 6:00

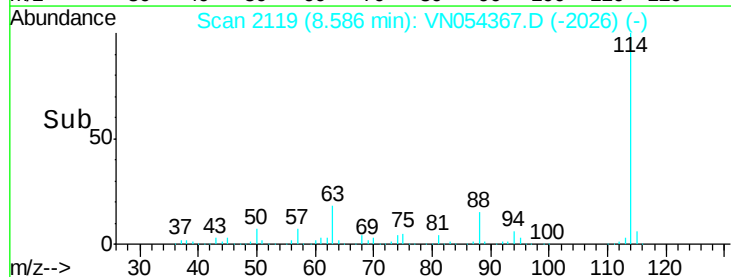
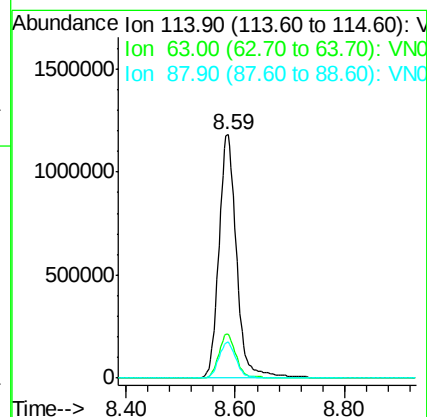
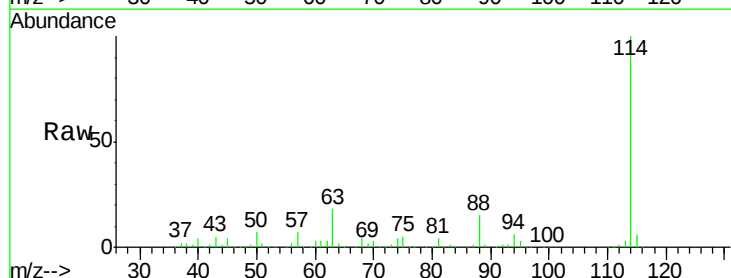
Instrument :
 MSVOA_N
 ClientSampled :
 TP-1

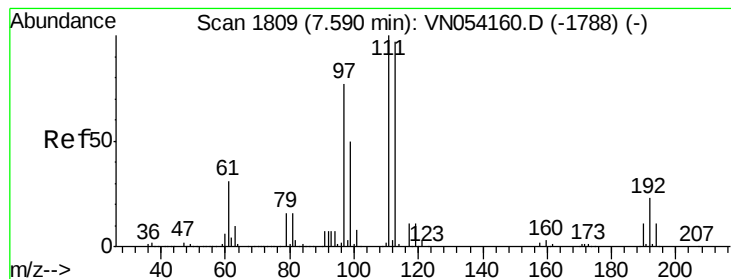
Tot Ion: 65 Resp: 897850
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054367.D
 Acq: 17 Mar 2019 6:00

Tgt Ion: 114 Resp: 2646319
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 35.2
 88 14.7 0.0 30.2





#35

Dibromofluoromethane

Concen: 46.458 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054367.D

Acq: 17 Mar 2019 6:00

Instrument :

MSVOA_N

ClientSampleId :

TP-1

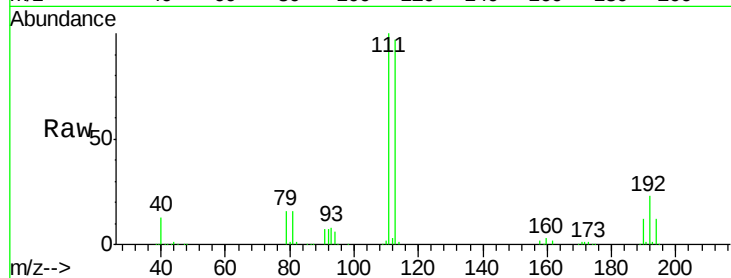
Tot Ion:113 Resp: 792934

Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.4

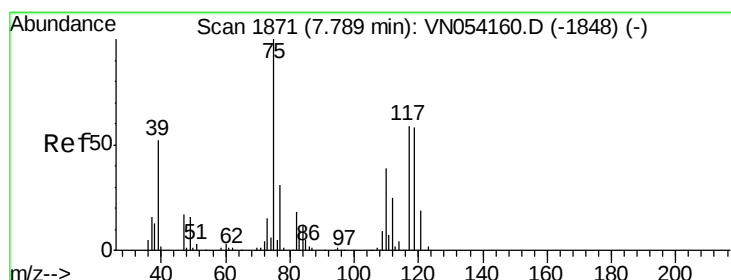
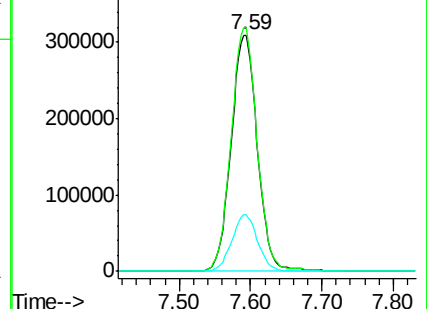
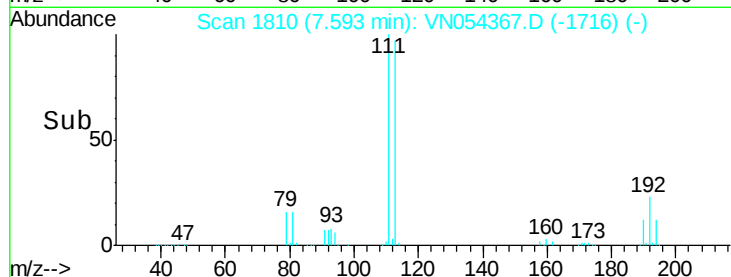
192 23.6 19.2 28.8



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: 4.334 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN054367.D

Acq: 17 Mar 2019 6:00

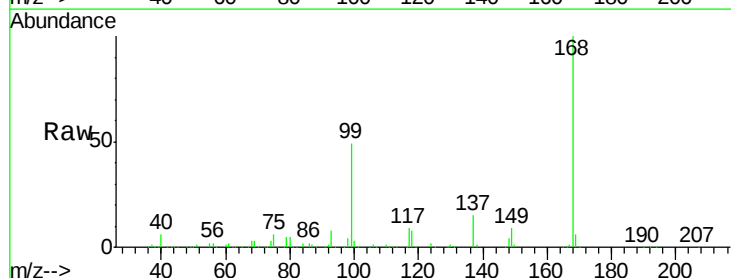
Tgt Ion: 75 Resp: 105631

Ion Ratio Lower Upper

75 100

110 9.3 19.1 57.5#

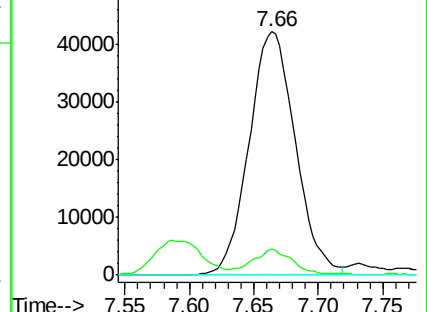
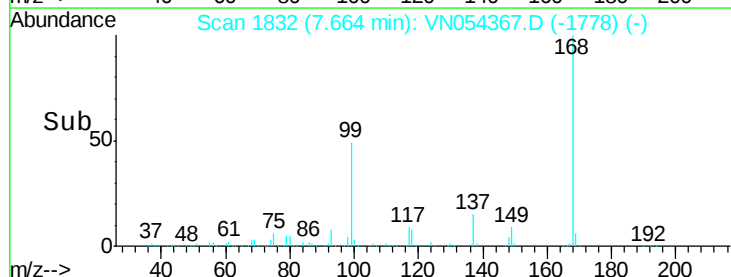
77 0.0 25.0 37.4#

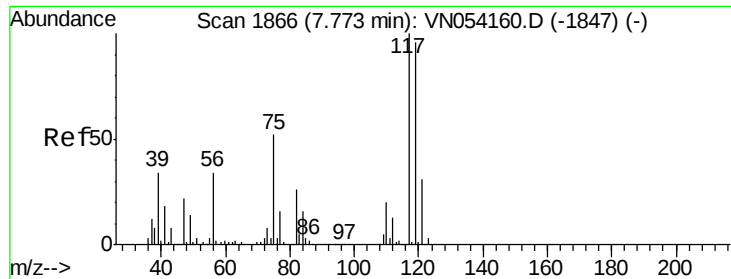


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

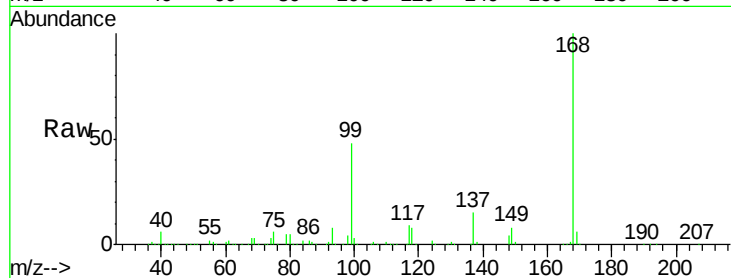




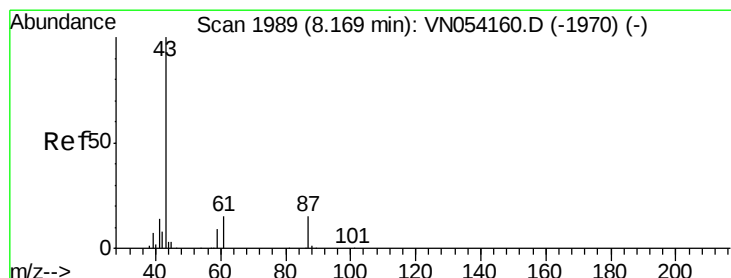
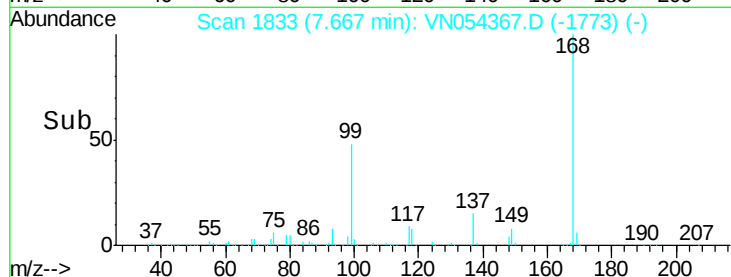
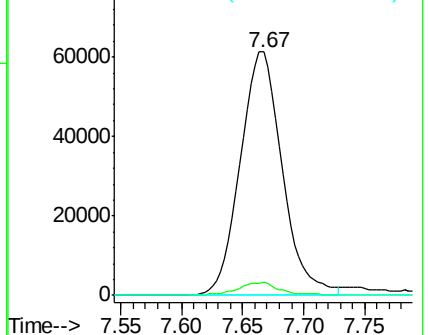
#38
Carbon Tetrachloride
Concen: 5.721 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN054367.D
Acq: 17 Mar 2019 6:00

Instrument :
MSVOA_N
ClientSampled :
TP-1

Tot Ion:117 Resp: 146221
Ion Ratio Lower Upper
117 100
119 5.5 76.3 114.5#
121 0.0 24.6 36.8#

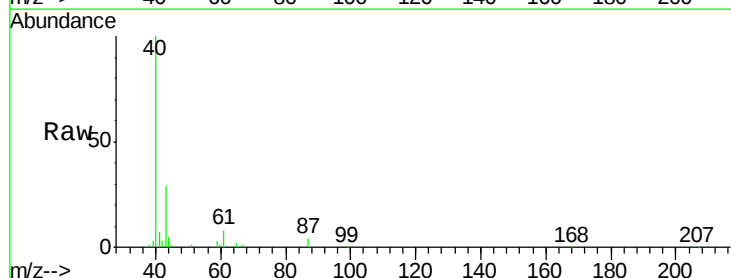


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

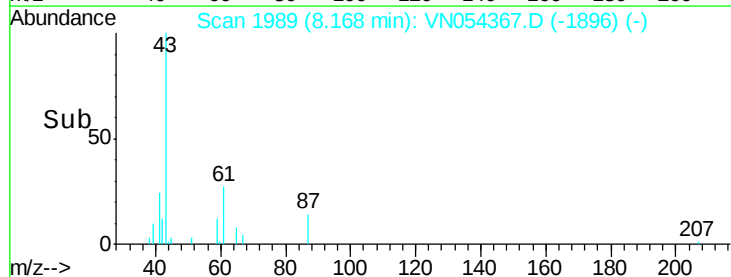
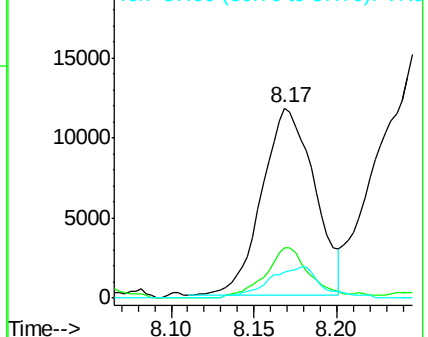


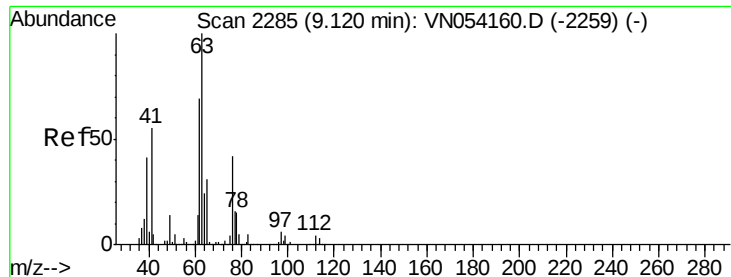
#43
Isopropyl Acetate
Concen: 1.054 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. -0.00 min
Lab File: VN054367.D
Acq: 17 Mar 2019 6:00

Tgt Ion: 43 Resp: 25899
Ion Ratio Lower Upper
43 100
61 22.6 15.8 23.8
87 16.8 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





#45

1,2-Dichloropropane

Concen: 0.202 ug/l

RT: 9.27 min Scan# 2332

Delta R.T. 0.15 min

Lab File: VN054367.D

Acq: 17 Mar 2019 6:00

Instrument :

MSVOA_N

ClientSampleId :

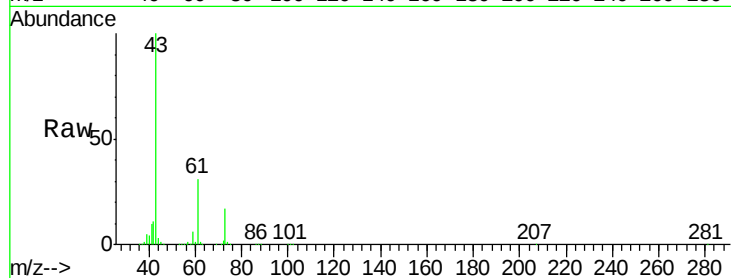
TP-1

Tot Ion: 63 Resp: 3492

Ion Ratio Lower Upper

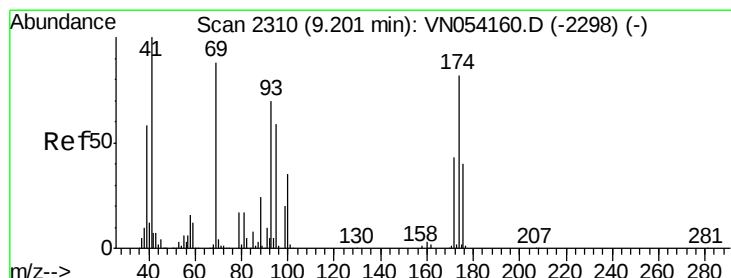
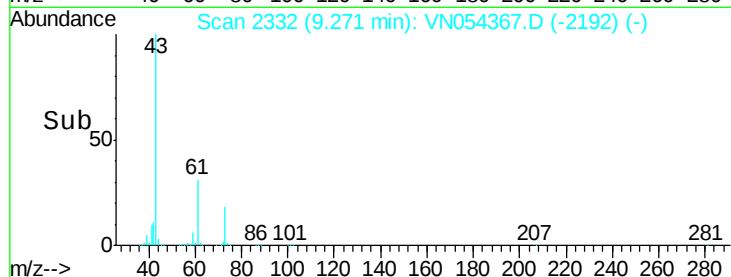
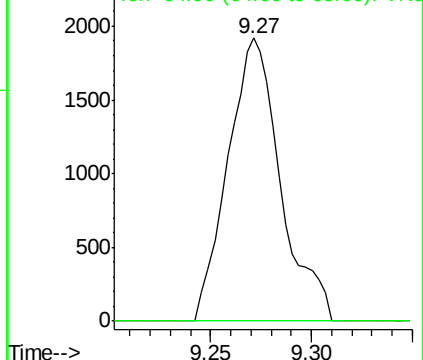
63 100

65 0.0 25.0 37.6#



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO



#48

Methyl methacrylate

Concen: 1.112 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.02 min

Lab File: VN054367.D

Acq: 17 Mar 2019 6:00

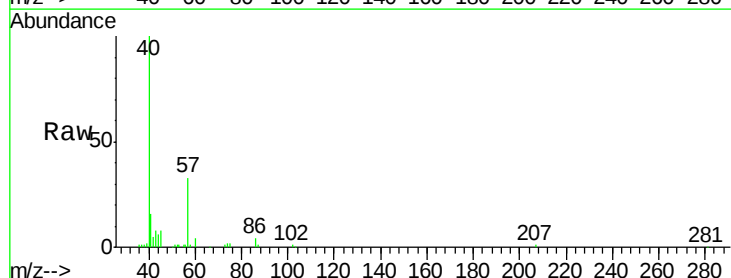
Tgt Ion: 41 Resp: 13866

Ion Ratio Lower Upper

41 100

69 0.0 72.6 108.8#

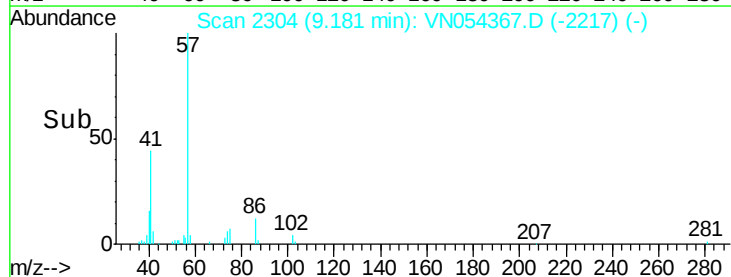
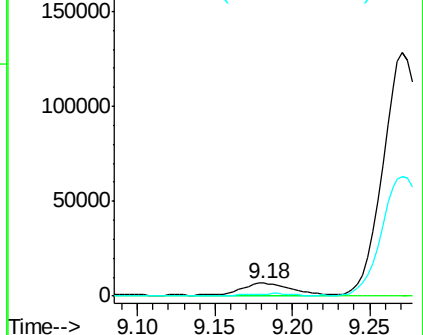
39 0.0 47.5 71.3#

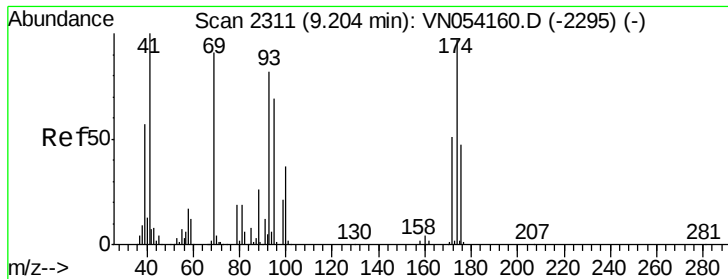


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 69.00 (68.70 to 69.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#49

1,4-Dioxane

Concen: 1.332 ug/l

RT: 9.27 min Scan# 2332

Delta R.T. 0.07 min

Lab File: VN054367.D

Acq: 17 Mar 2019 6:00

Instrument :

MSVOA_N

ClientSampled :

TP-1

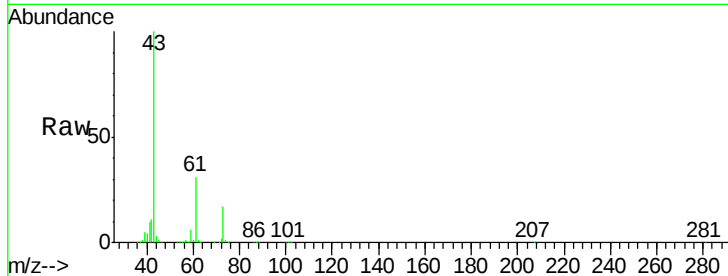
Tot Ion: 88 Resp: 235

Ion Ratio Lower Upper

88 100

43 1088694.0 24.1 36.1#

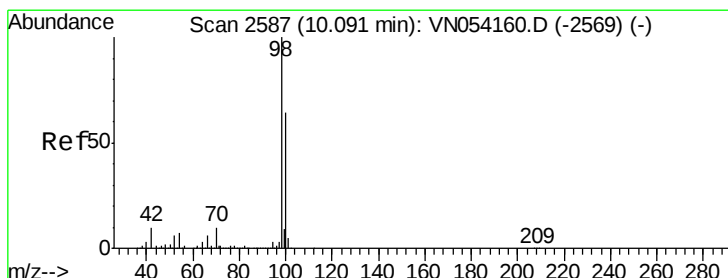
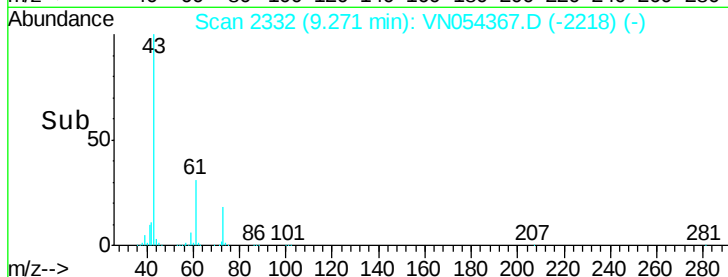
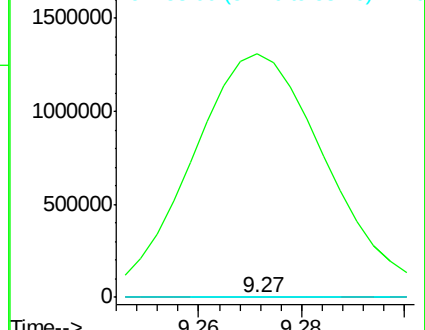
58 4954.5 50.8 76.2#



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 48.401 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054367.D

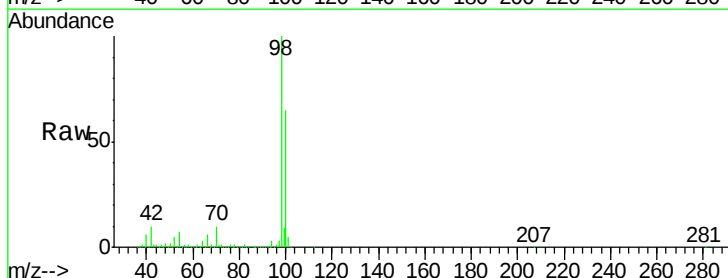
Acq: 17 Mar 2019 6:00

Tgt Ion: 98 Resp: 3050900

Ion Ratio Lower Upper

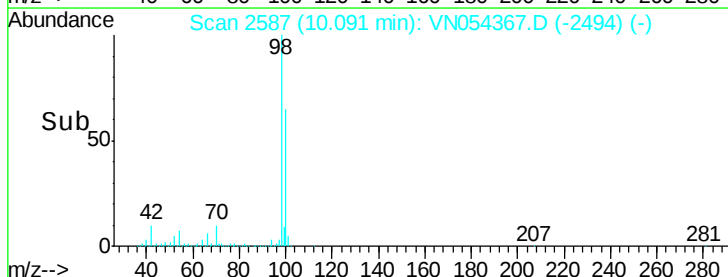
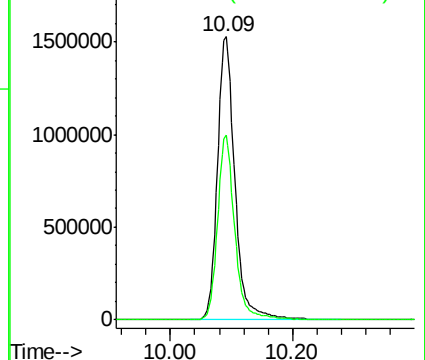
98 100

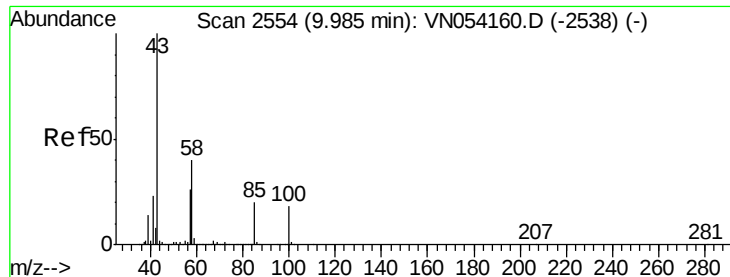
100 63.9 51.2 76.8



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: 1.183 ug/l

RT: 10.03 min Scan# 2567

Delta R.T. 0.04 min

Lab File: VN054367.D

Acq: 17 Mar 2019 6:00

Instrument :

MSVOA_N

ClientSampled :

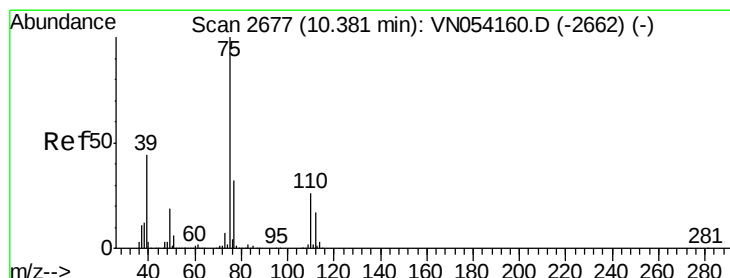
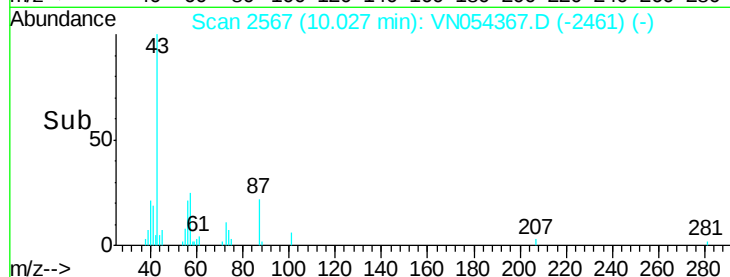
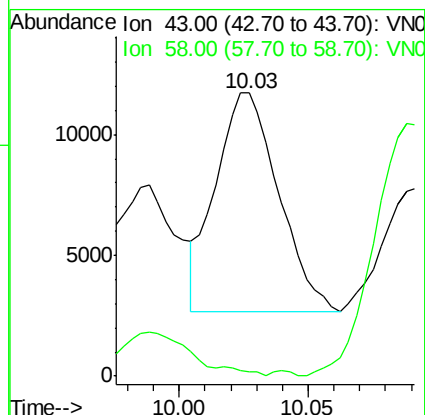
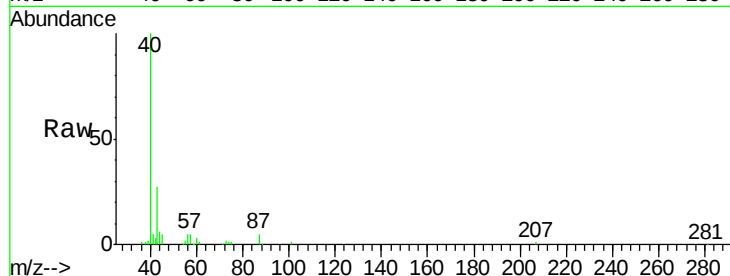
TP-1

Tot Ion: 43 Resp: 15391

Ion Ratio Lower Upper

43 100

58 0.0 31.8 47.6#



#53

t-1,3-Dichloropropene

Concen: 1.989 ug/l

RT: 10.39 min Scan# 2681

Delta R.T. 0.01 min

Lab File: VN054367.D

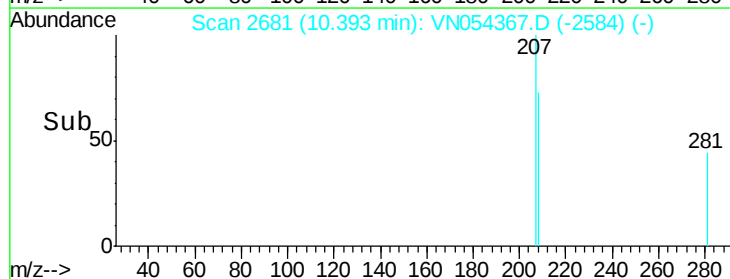
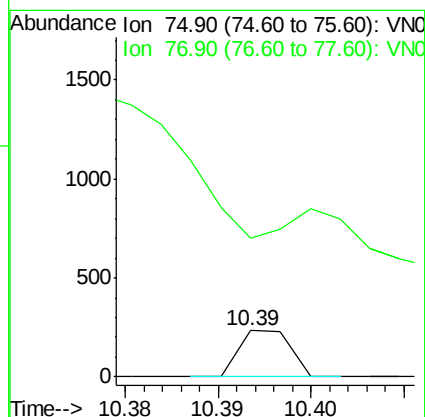
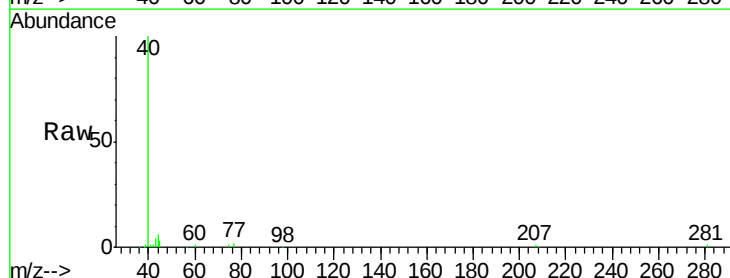
Acq: 17 Mar 2019 6:00

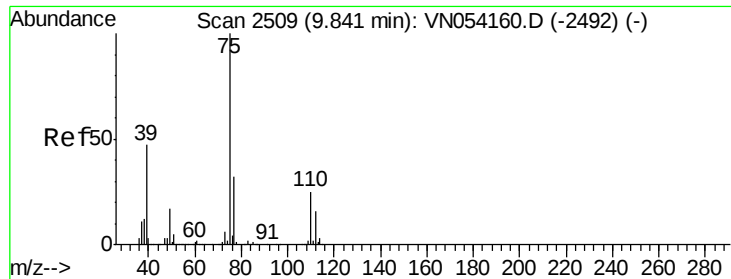
Tgt Ion: 75 Resp: 89

Ion Ratio Lower Upper

75 100

77 0.0 25.8 38.8#



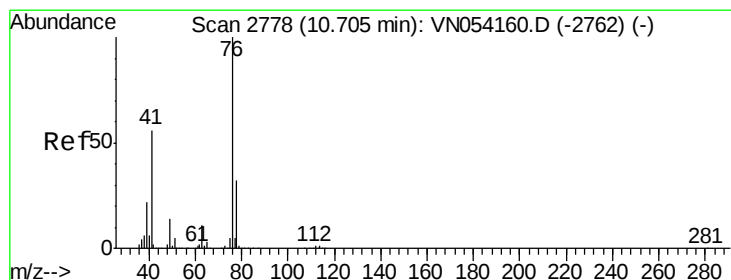
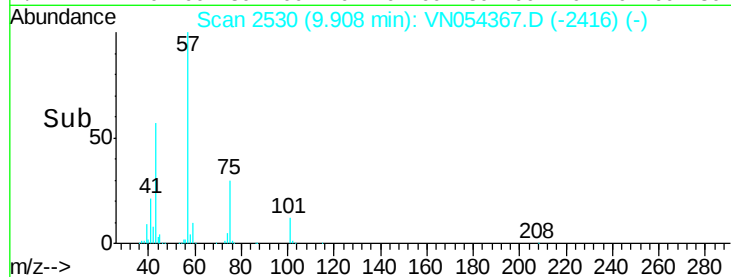
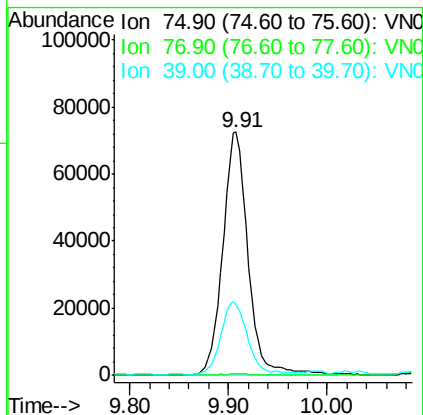
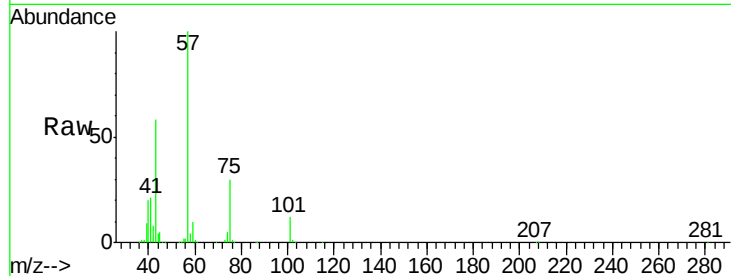


#54

cis-1,3-Dichloropropene
 Concen: 4.787 ug/l
 RT: 9.91 min Scan# 2530
 Delta R.T. 0.07 min
 Lab File: VN054367.D
 Acq: 17 Mar 2019 6:00

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1

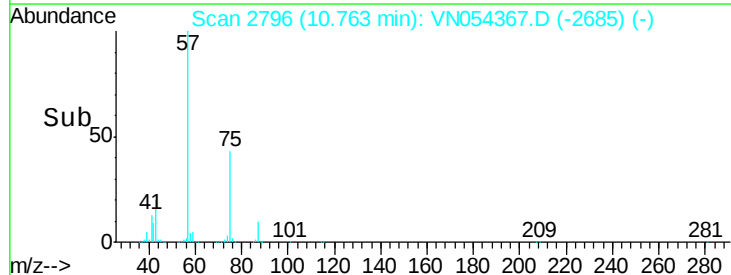
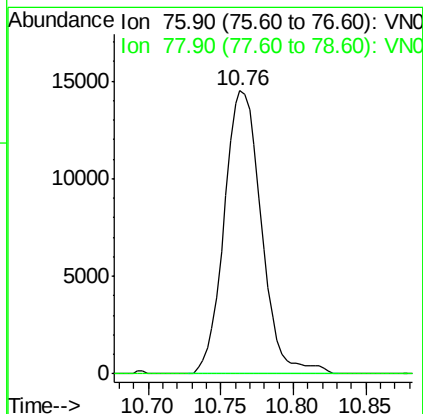
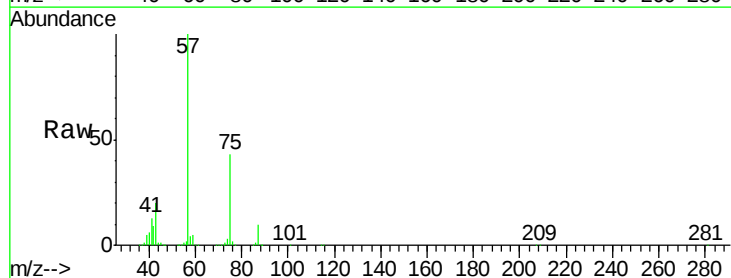
Tot Ion: 75 Resp: 130852
 Ion Ratio Lower Upper
 75 100
 77 0.5 25.4 38.0#
 39 28.5 37.2 55.8#

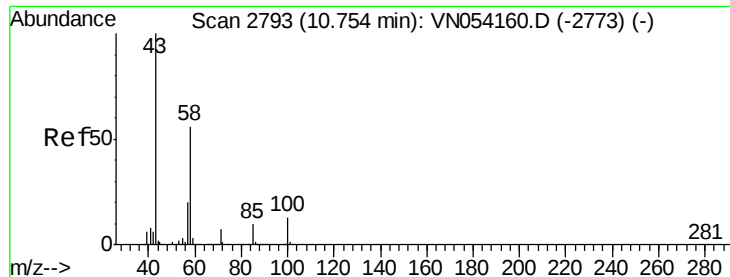


#57

1,3-Dichloropropane
 Concen: 0.977 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN054367.D
 Acq: 17 Mar 2019 6:00

Tgt Ion: 76 Resp: 25801
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.7 38.5#

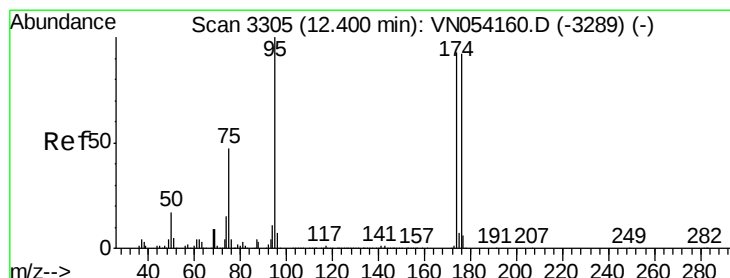
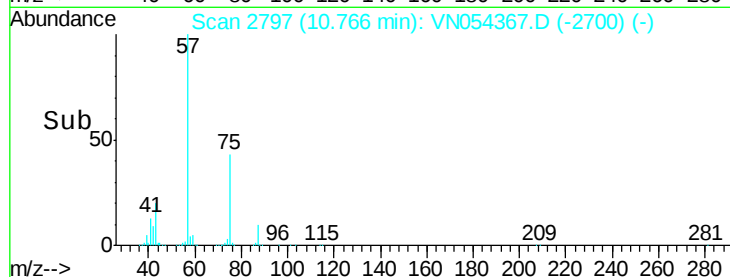
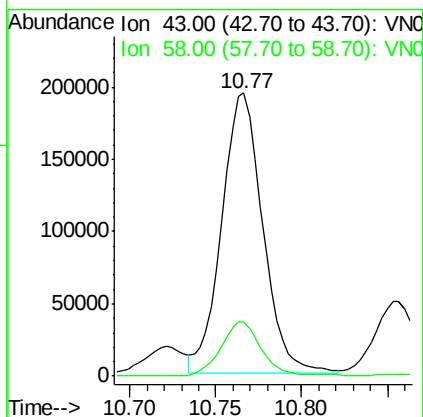
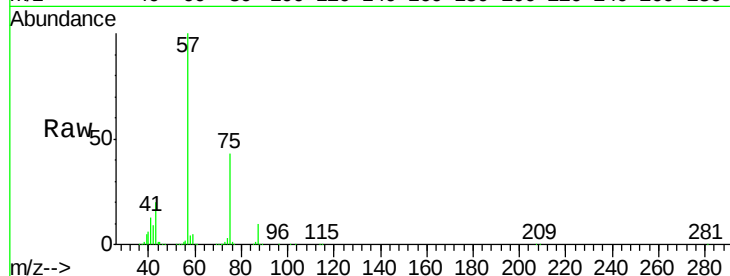




#59
2-Hexanone
Concen: 37.378 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.01 min
Lab File: VN054367.D
Acq: 17 Mar 2019 6:00

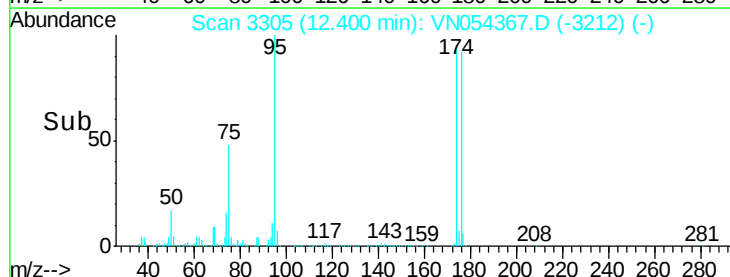
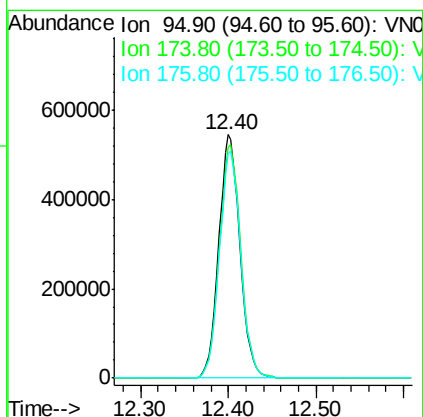
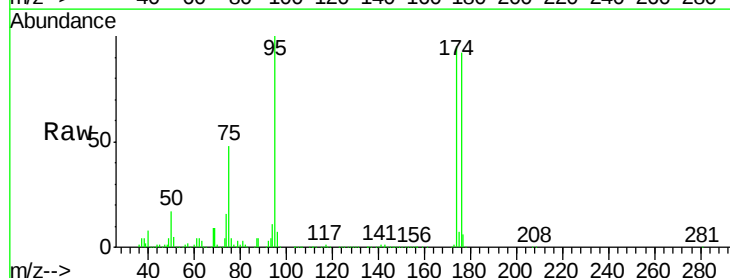
Instrument :
MSVOA_N
ClientSampled :
TP-1

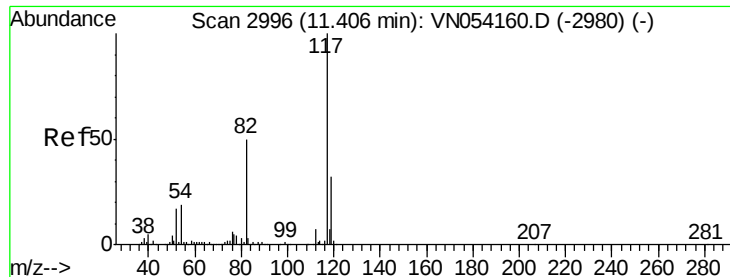
Tot Ion: 43 Resp: 323507
Ion Ratio Lower Upper
43 100
58 18.9 28.0 83.9#



#62
4-Bromofluorobenzene
Concen: 41.355 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN054367.D
Acq: 17 Mar 2019 6:00

Tgt Ion: 95 Resp: 912099
Ion Ratio Lower Upper
95 100
174 97.2 0.0 191.0
176 94.3 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: VN054367.D

Acq: 17 Mar 2019 6:00

Instrument :

MSVOA_N

ClientSampleId :

TP-1

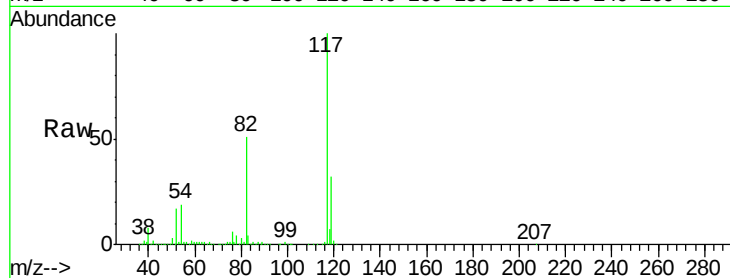
Tot Ion:117 Resp: 2238771

Ion Ratio Lower Upper

117 100

82 50.8 40.0 60.0

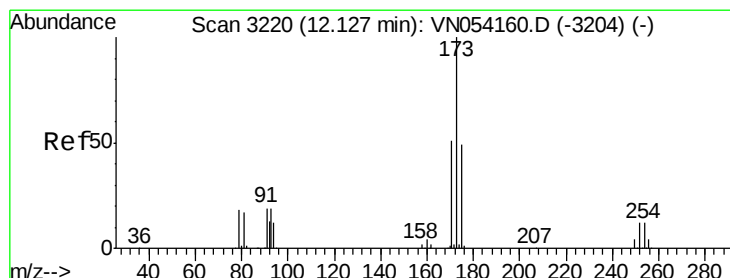
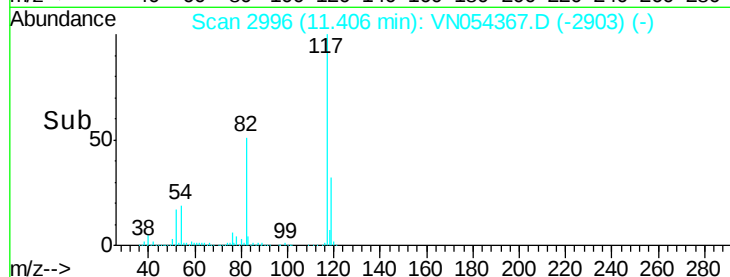
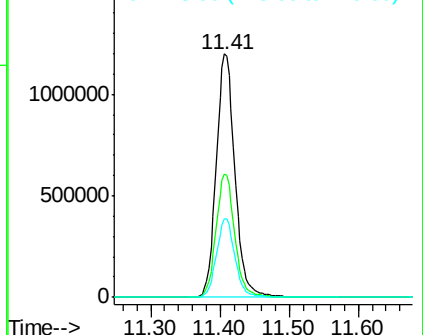
119 32.1 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#71

Bromoform

Concen: 2.746 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN054367.D

Acq: 17 Mar 2019 6:00

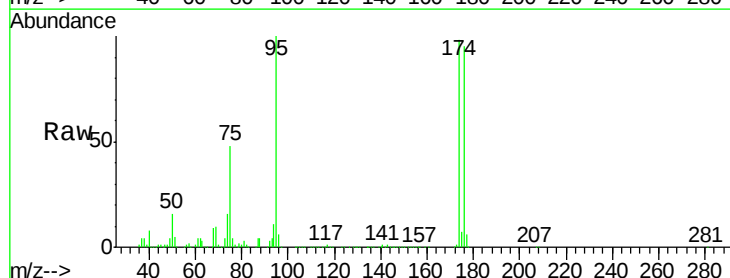
Tgt Ion:173 Resp: 5642

Ion Ratio Lower Upper

173 100

175 955.9 24.4 73.2#

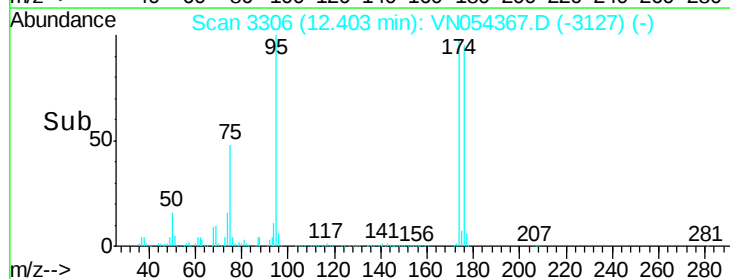
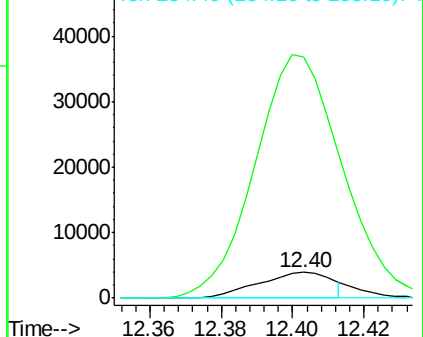
254 0.0 0.1 0.1#

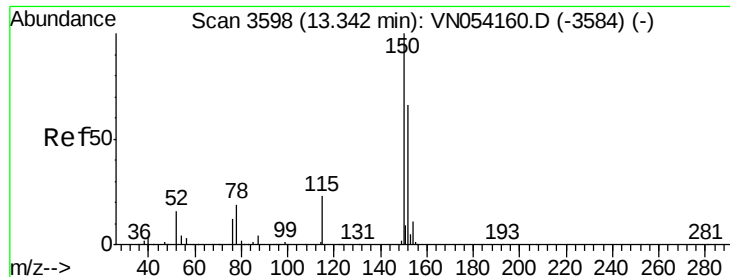


Abundance Ion 172.70 (172.40 to 173.40): V

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: VN054367.D

Acq: 17 Mar 2019 6:00

Instrument :

MSVOA_N

ClientSampleId :

TP-1

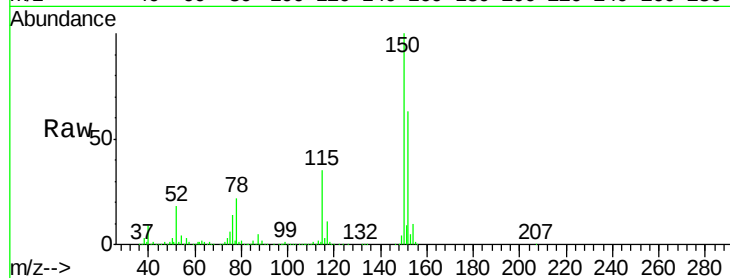
Tot Ion:152 Resp: 834795

Ion Ratio Lower Upper

152 100

115 55.2 27.2 81.6

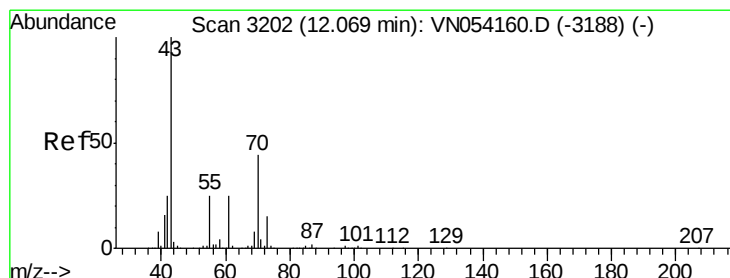
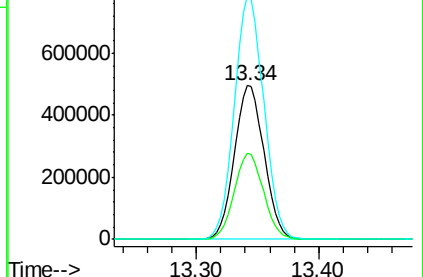
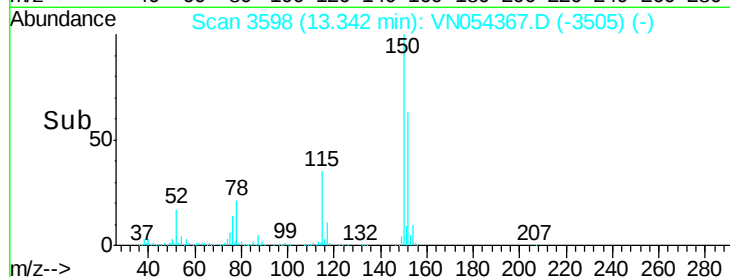
150 157.0 0.0 349.2



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: 2.130 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN054367.D

Acq: 17 Mar 2019 6:00

Tgt Ion: 43 Resp: 31576

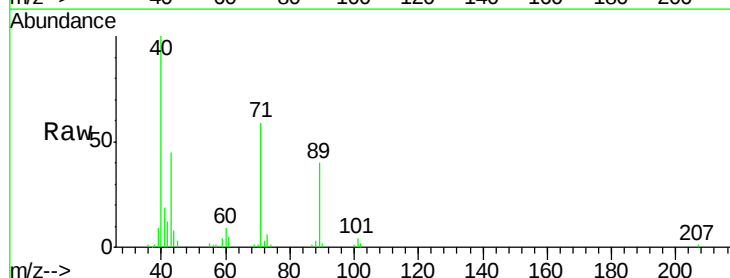
Ion Ratio Lower Upper

43 100

70 2.1 35.4 53.0#

55 5.1 19.8 29.6#

61 10.3 19.8 29.6#

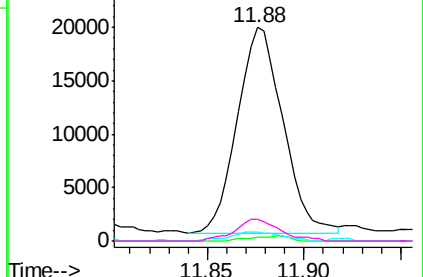
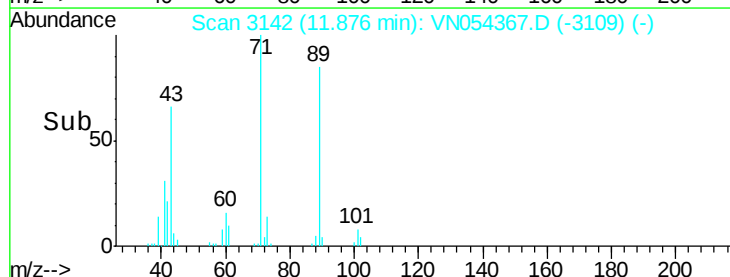


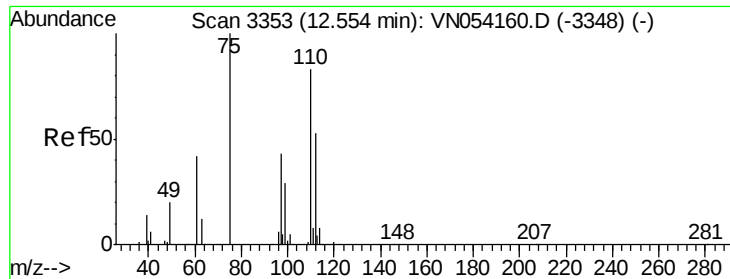
Abundance Ion 43.00 (42.70 to 43.70): V

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: 35.914 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054367.D

Acq: 17 Mar 2019 6:00

Instrument :

MSVOA_N

ClientSampleId :

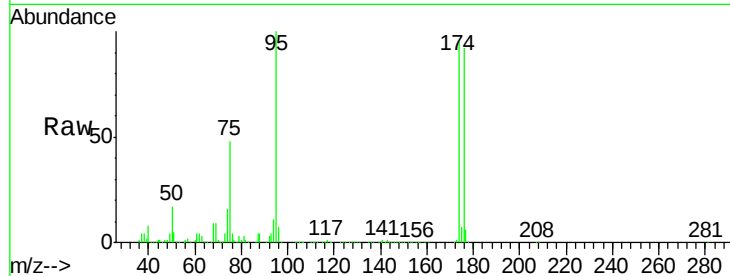
TP-1

Tot Ion: 75 Resp: 440884

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN054160.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN054160.D (-3348) (-)

12.40

250000

200000

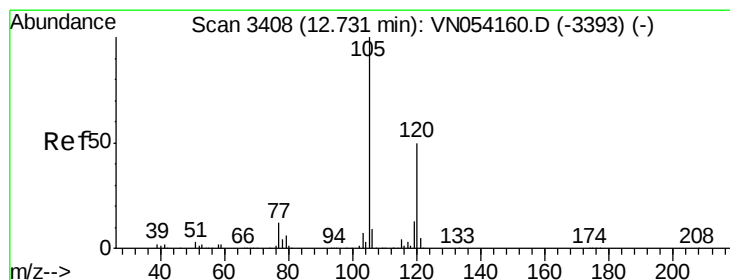
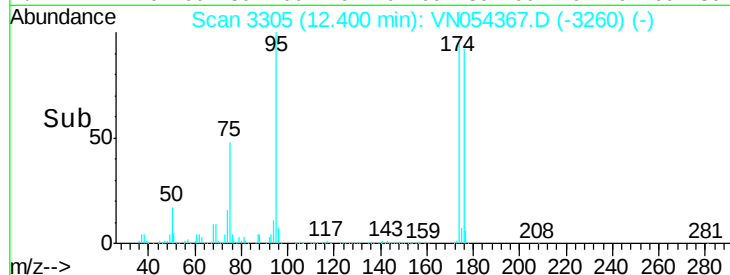
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#80

1,3,5-Trimethylbenzene

Concen: 0.453 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN054367.D

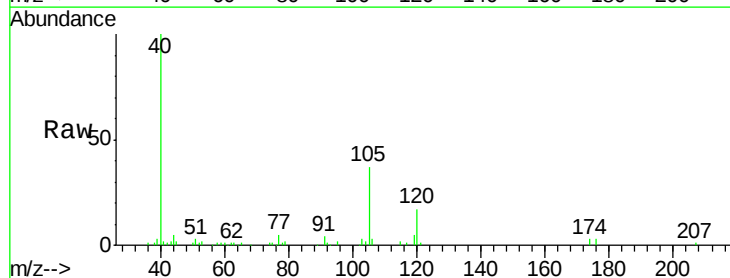
Acq: 17 Mar 2019 6:00

Tgt Ion: 105 Resp: 25190

Ion Ratio Lower Upper

105 100

120 44.8 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VN054160.D (-3393) (-)

Ion 120.00 (119.70 to 120.70): VN054160.D (-3393) (-)

12.73

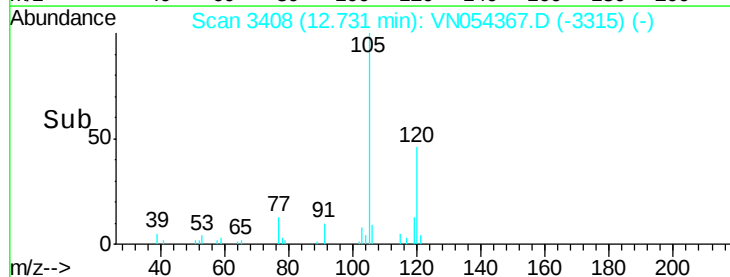
15000

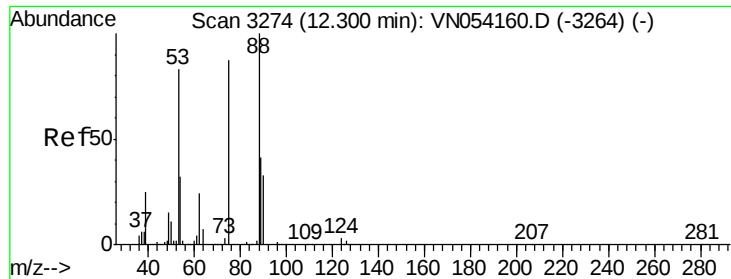
10000

5000

0

Time--> 12.70 12.75 12.80





#81

trans-1,4-Dichloro-2-butene

Concen: 122.771 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054367.D

Acq: 17 Mar 2019 6:00

Instrument :

MSVOA_N

ClientSampleId :

TP-1

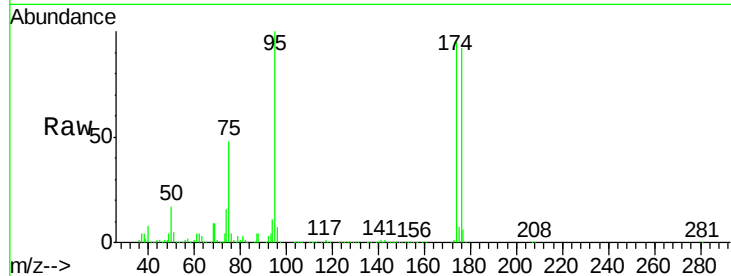
Tot Ion: 75 Resp: 440884

Ion Ratio Lower Upper

75 100

53 0.0 76.2 114.2#

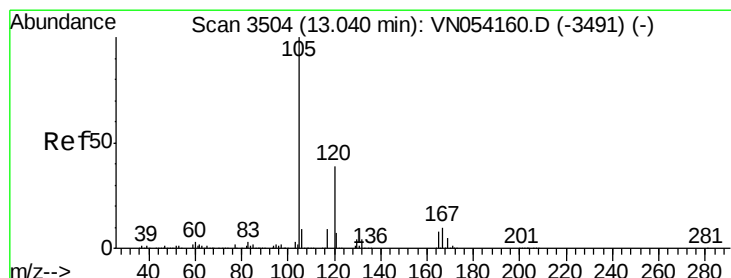
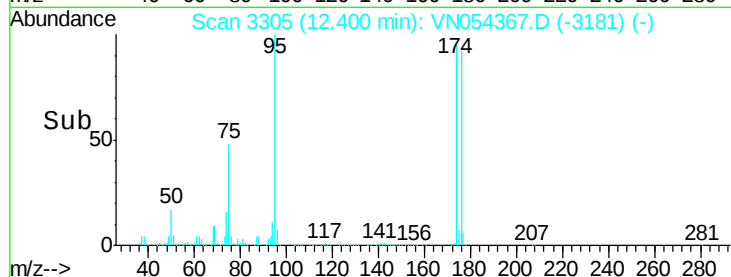
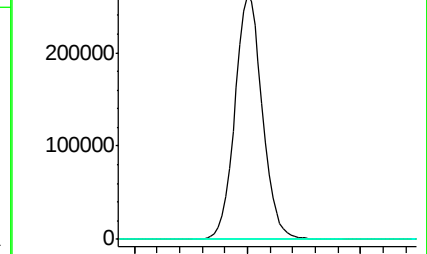
89 0.0 39.2 58.8#



Abundance Ion 74.90 (74.60 to 75.60): VN054367.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN054367.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN054367.D (-3181) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.539 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN054367.D

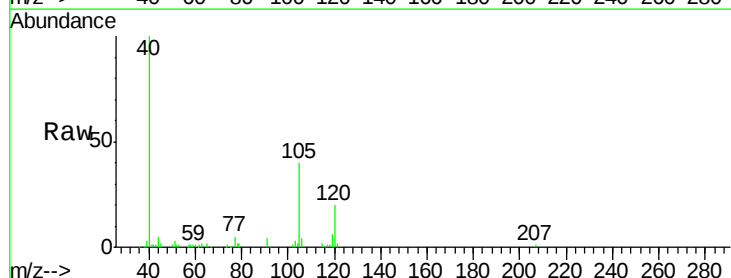
Acq: 17 Mar 2019 6:00

Tgt Ion: 105 Resp: 29368

Ion Ratio Lower Upper

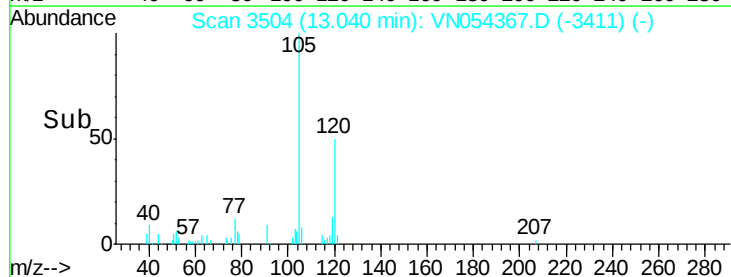
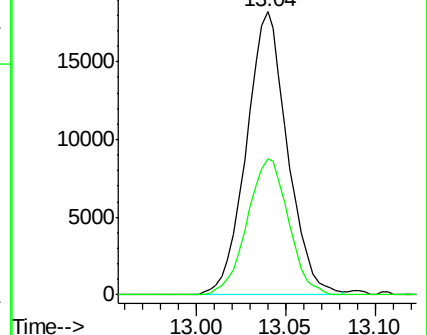
105 100

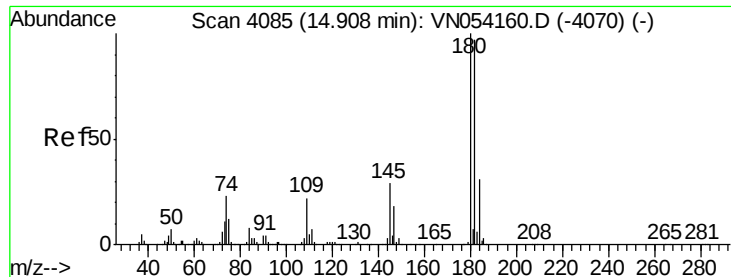
120 48.2 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): VN054367.D (-3411) (-)

Ion 120.00 (119.70 to 120.70): VN054367.D (-3411) (-)





#93

1,2,4-Trichlorobenzene

Concen: 2.530 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN054367.D

Acq: 17 Mar 2019 6:00

Instrument :

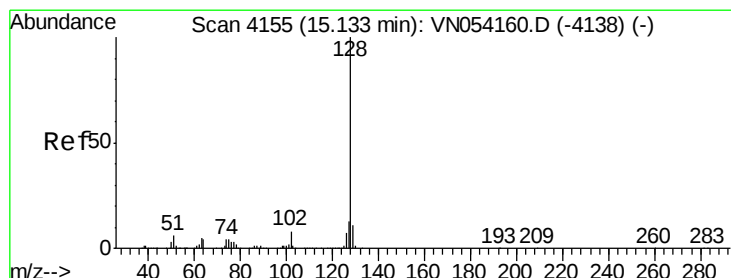
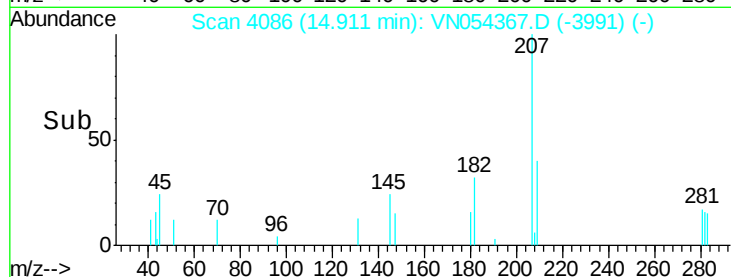
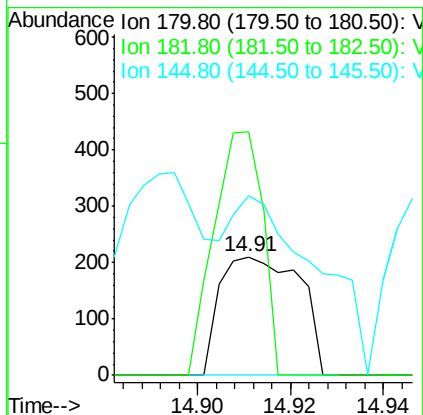
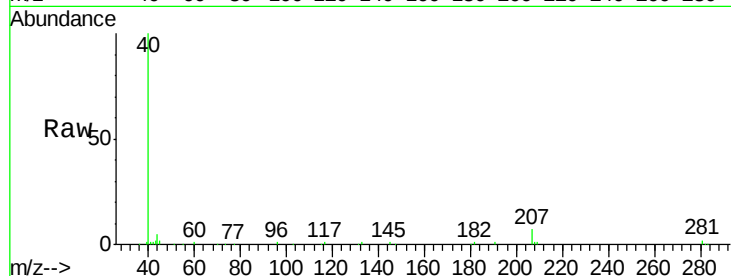
MSVOA_N

ClientSampled :

TP-1

Tot Ion:180 Resp: 251

Ion	Ratio	Lower	Upper
180	100		
182	125.1	48.0	144.2
145	161.4	14.2	42.8#



#95

Naphthalene

Concen: 3.663 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN054367.D

Acq: 17 Mar 2019 6:00

Tgt Ion:128 Resp: 7601

Ion	Ratio	Lower	Upper
128	100		
127	8.0	10.1	15.1#
129	10.3	8.7	13.1

