

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102419\
 Data File : VN058940.D
 Acq On : 23 Oct 2019 19:04
 Operator : JC/SP
 Sample : K5508-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 24 01:16:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	302780	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	507634	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	456784	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	178632	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	249184	56.11	ug/l	0.00
Spiked Amount			Recovery	=	112.22%	
35) Dibromofluoromethane	7.57	113	178816	53.58	ug/l	0.00
Spiked Amount			Recovery	=	107.16%	
50) Toluene-d8	10.08	98	634437	48.97	ug/l	0.00
Spiked Amount			Recovery	=	97.94%	
62) 4-Bromofluorobenzene	12.40	95	208998	43.93	ug/l	0.00
Spiked Amount			Recovery	=	87.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	3634	0.963	ug/l	95
4) Vinyl Chloride	2.17	62	419132	90.286	ug/l	99
11) Tert butyl alcohol	4.76	59	1990	2.700	ug/l #	72
12) 1,1-Dichloroethene	3.72	96	1967	0.659	ug/l #	72
16) Acetone	3.80	43	9885	4.505	ug/l #	89
17) Carbon Disulfide	4.03	76	6073	0.632	ug/l	97
18) Methyl Acetate	4.30	43	1230	0.247	ug/l #	60
21) trans-1,2-Dichloroethene	5.01	96	6669	2.023	ug/l	97
25) 2-Butanone	6.83	43	1335	0.469	ug/l #	1
27) cis-1,2-Dichloroethene	6.81	96	187487	49.790	ug/l	89
29) Tetrahydrofuran	7.20	42	932	0.535	ug/l #	51
31) Cyclohexane	7.65	56	7294	1.143	ug/l #	6
36) 1,1-Dichloropropene	7.64	75	25811	4.966	ug/l #	51
38) Carbon Tetrachloride	7.65	117	30869	5.766	ug/l #	17
41) Methacrylonitrile	7.18	41	575	0.228	ug/l #	100
44) Trichloroethene	8.82	130	17654	4.749	ug/l	100
56) Ethyl methacrylate	10.36	69	34	2.103	ug/l #	1
59) 2-Hexanone	10.75	43	907	0.221	ug/l #	26
69) o-Xylene	11.95	106	2332	0.404	ug/l	99
70) Styrene	11.95	104	134	1.726	ug/l #	1
71) Bromoform	12.40	173	830	0.305	ug/l #	1
73) Isopropylbenzene	12.25	105	5677	0.435	ug/l	88
76) 1,2,3-Trichloropropane	12.40	75	111868	27.021	ug/l #	100
78) n-propylbenzene	12.60	91	11170	0.724	ug/l	99
79) 2-Chlorotoluene	12.60	91	11170	1.183	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.90	105	17475	1.593	ug/l	79
81) trans-1,4-Dichloro-2-buten	12.40	75	111868	70.393	ug/l #	10
82) 4-Chlorotoluene	12.90	91	2352	0.244	ug/l #	43
85) sec-Butylbenzene	13.17	105	8537	0.683	ug/l	85
86) p-Isopropyltoluene	13.45	119	3005	0.272	ug/l	92
89) n-Butylbenzene	13.63	91	2182	0.215	ug/l #	68
90) Hexachloroethane	13.95	117	4069	1.820	ug/l #	11
95) Naphthalene	15.14	128	880	2.308	ug/l #	70

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Response via : Initial Calibration

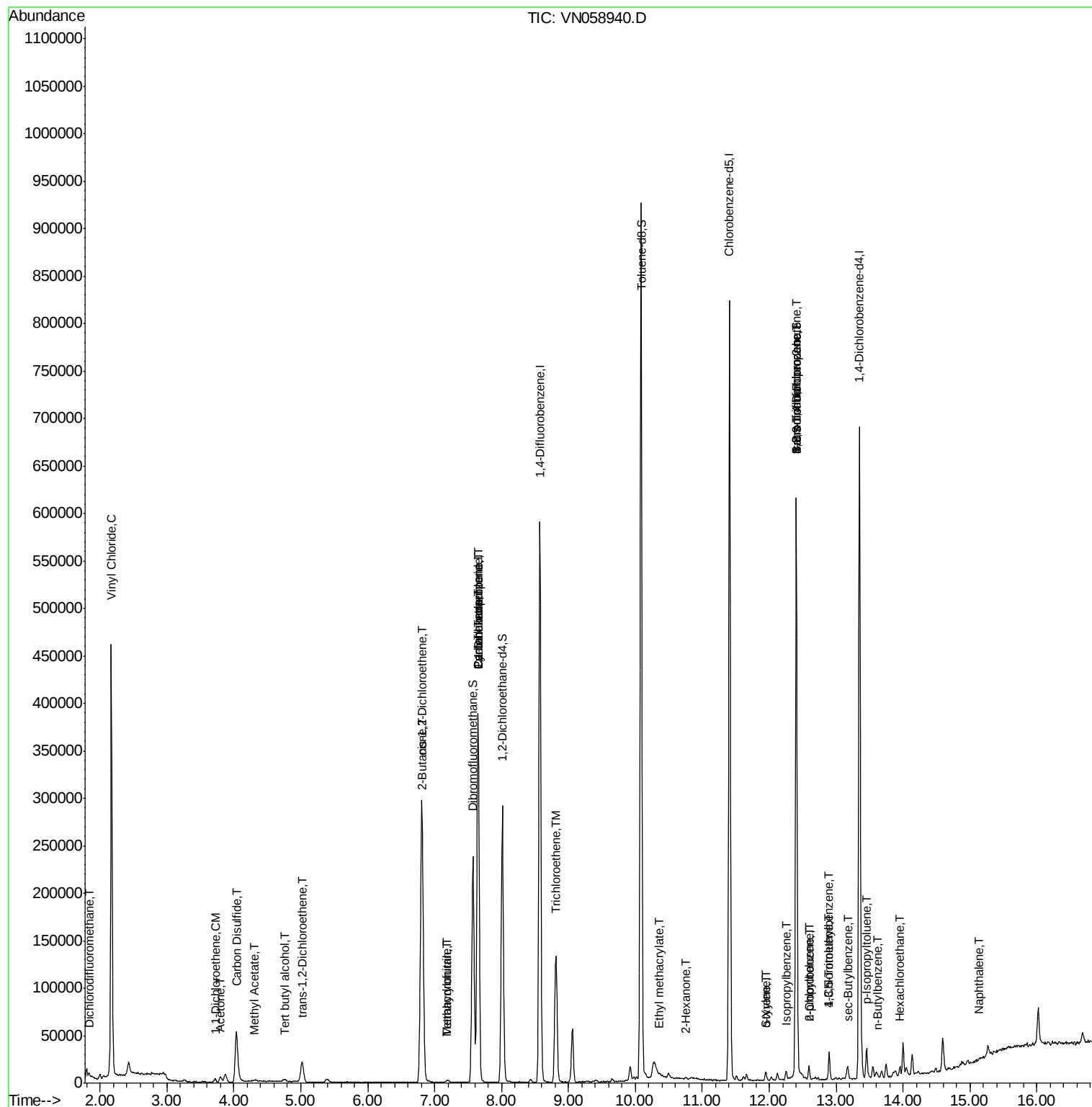
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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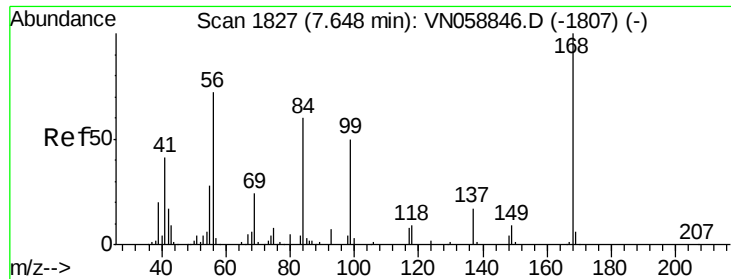
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN102419\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN058940.D

Acq: 23 Oct 2019 19:04

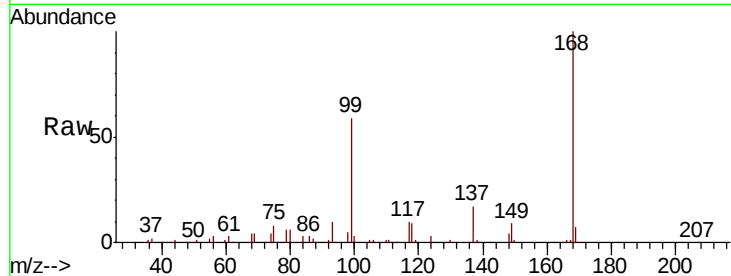
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 302780

Ion Ratio Lower Upper

168 100

99 59.1 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

150000

100000

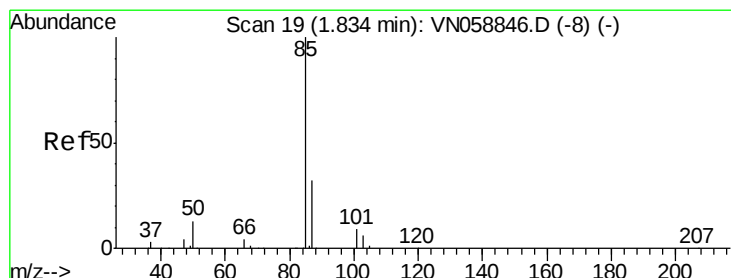
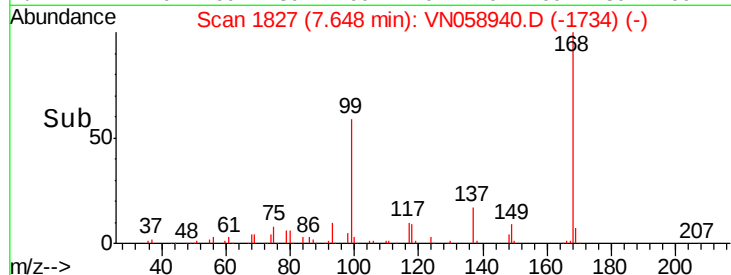
50000

0

Time-->

7.60

7.70



#2

Dichlorodifluoromethane

Concen: 0.963 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN058940.D

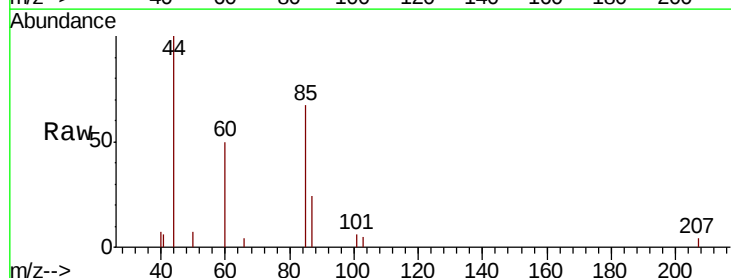
Acq: 23 Oct 2019 19:04

Tgt Ion: 85 Resp: 3634

Ion Ratio Lower Upper

85 100

87 35.3 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

3000

2500

2000

1500

1000

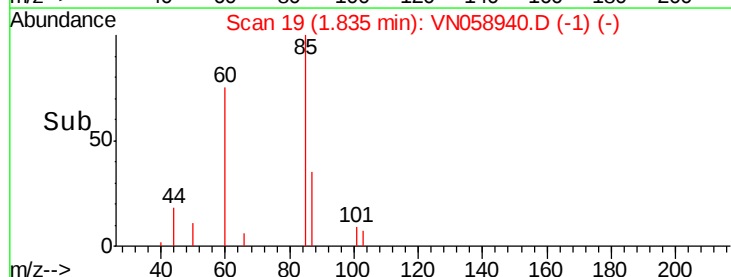
500

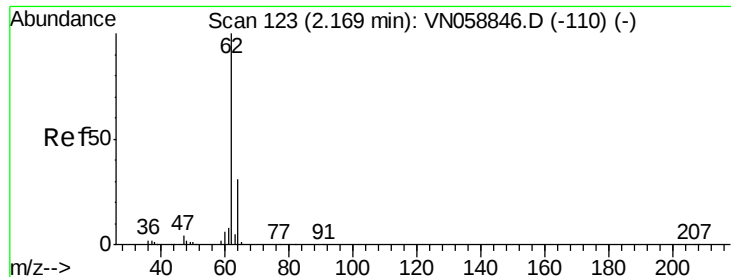
0

Time-->

1.80

1.85





#4

Vinyl Chloride

Concen: 90.286 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN058940.D

Acq: 23 Oct 2019 19:04

Instrument :

MSVOA_N

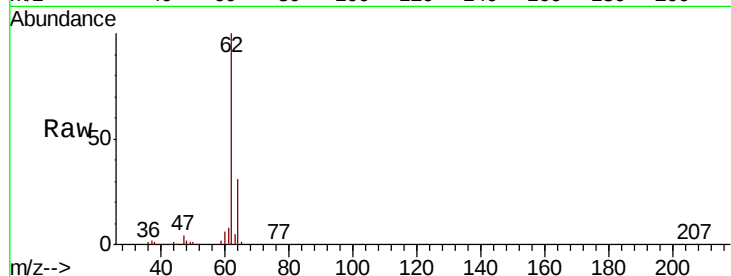
ClientSampled :

Tot Ion: 62 Resp: 419132

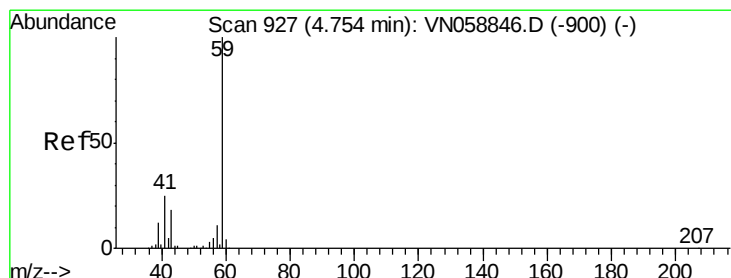
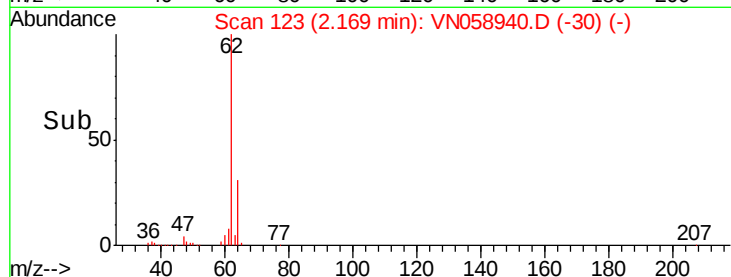
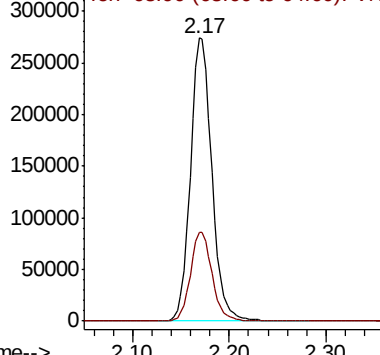
Ion Ratio Lower Upper

62 100

64 31.4 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 63.90 (63.60 to 64.60): VNO



#11

Tert butyl alcohol

Concen: 2.700 ug/l

RT: 4.76 min Scan# 928

Delta R.T. 0.00 min

Lab File: VN058940.D

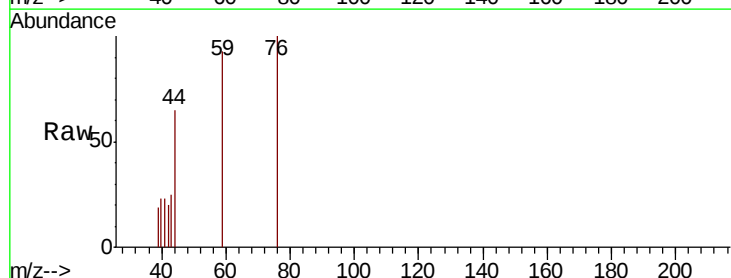
Acq: 23 Oct 2019 19:04

Tgt Ion: 59 Resp: 1990

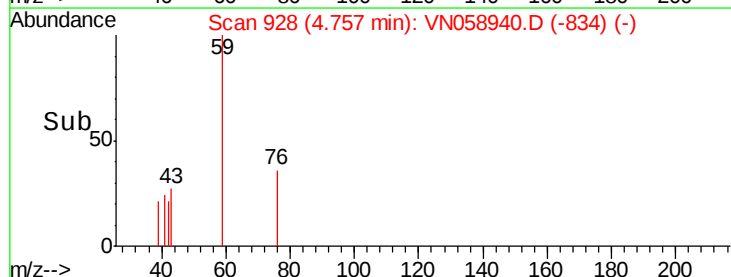
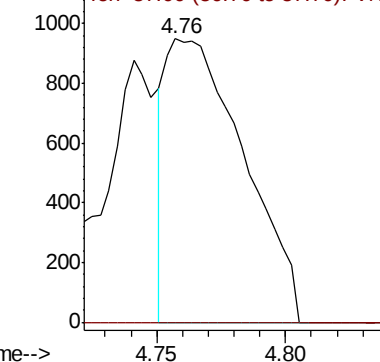
Ion Ratio Lower Upper

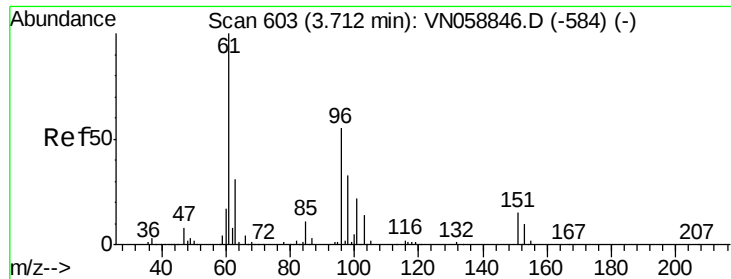
59 100

57 0.0 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VNO
Ion 57.00 (56.70 to 57.70): VNO





#12

1,1-Dichloroethene

Concen: 0.659 ug/l

RT: 3.72 min Scan# 606

Delta R.T. 0.01 min

Lab File: VN058940.D

Acq: 23 Oct 2019 19:04

Instrument :
MSVOA_N
ClientSampled :

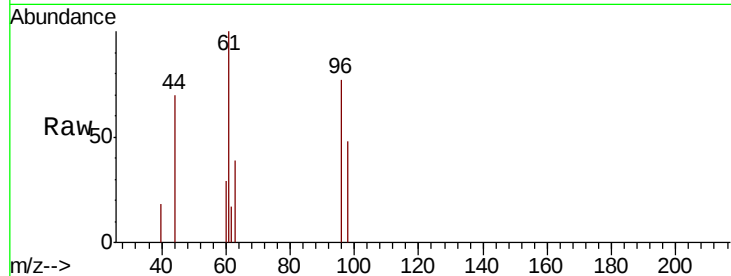
Tot Ion: 96 Resp: 1967

Ion Ratio Lower Upper

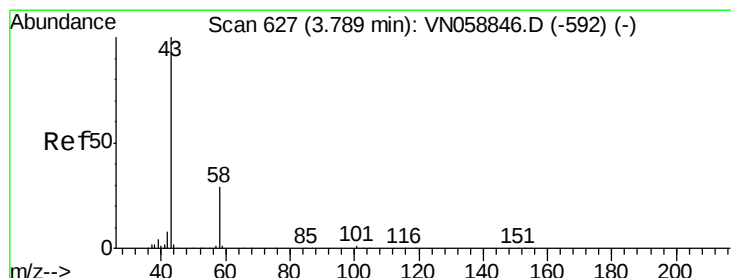
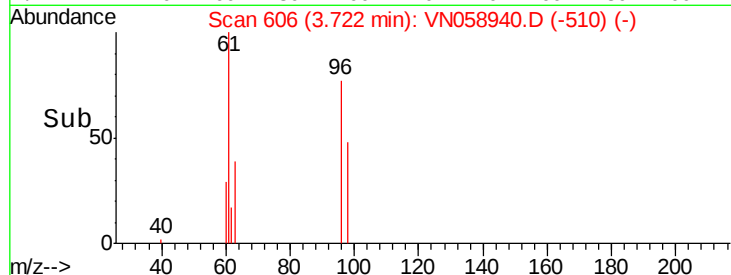
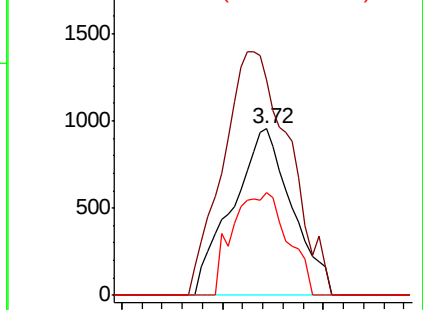
96 100

61 129.3 146.2 219.2#

98 62.0 48.7 73.1



Abundance Ion 95.90 (95.60 to 96.60): VNO
Ion 60.90 (60.60 to 61.60): VNO
Ion 97.90 (97.60 to 98.60): VNO



#16

Acetone

Concen: 4.505 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN058940.D

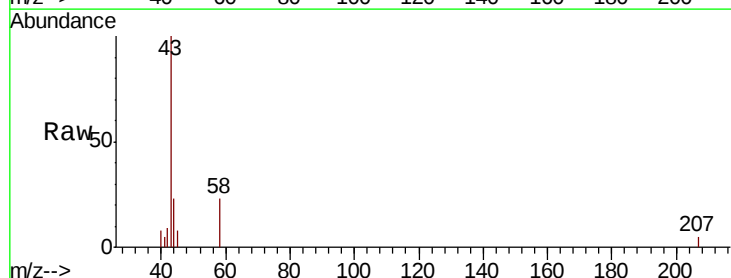
Acq: 23 Oct 2019 19:04

Tgt Ion: 43 Resp: 9885

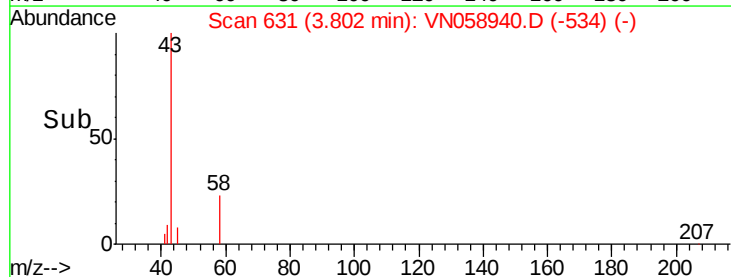
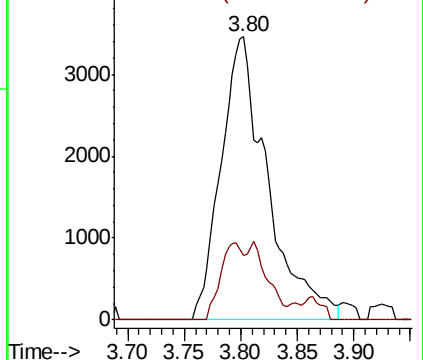
Ion Ratio Lower Upper

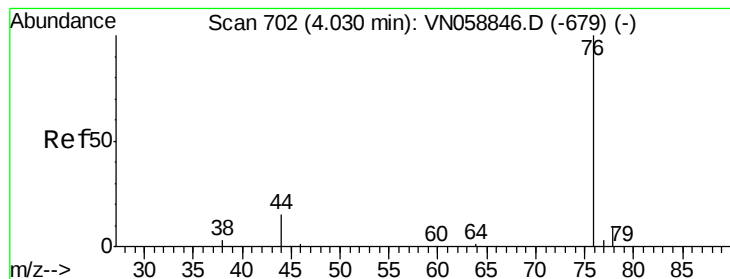
43 100

58 22.9 23.1 34.7#



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 58.00 (57.70 to 58.70): VNO





#17

Carbon Disulfide

Concen: 0.632 ug/l

RT: 4.03 min Scan# 703

Delta R.T. 0.00 min

Lab File: VN058940.D

Acq: 23 Oct 2019 19:04

Instrument :

MSVOA_N

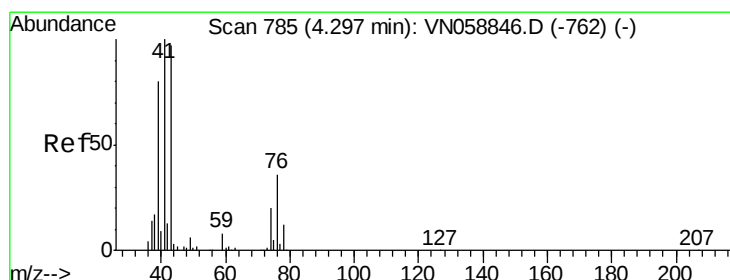
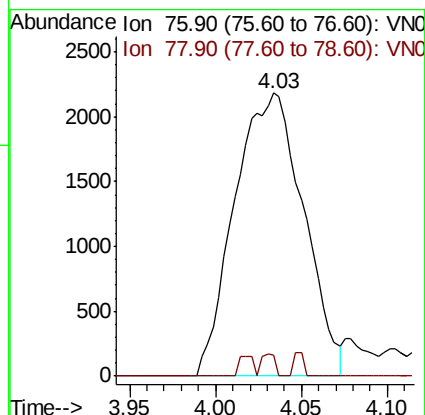
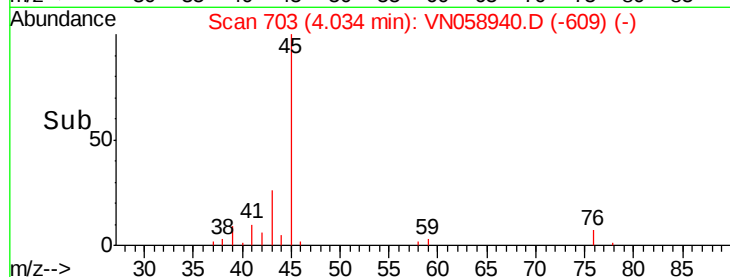
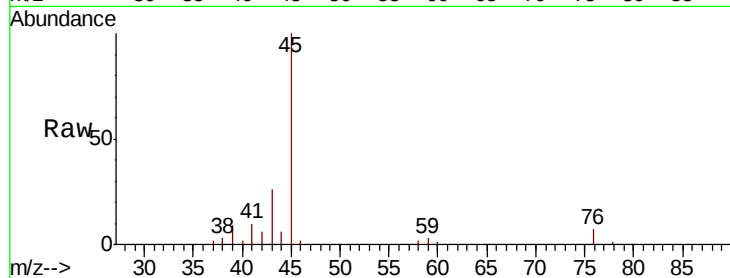
ClientSampleId :

Tot Ion: 76 Resp: 6073

Ion Ratio Lower Upper

76 100

78 7.7 7.1 10.7



#18

Methyl Acetate

Concen: 0.247 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN058940.D

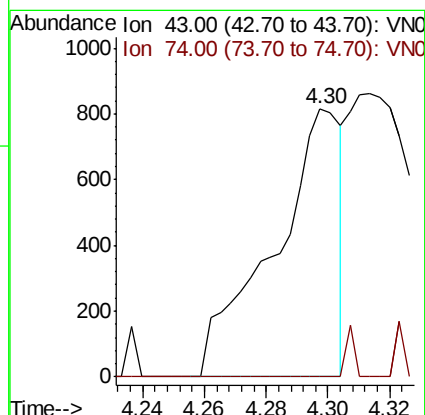
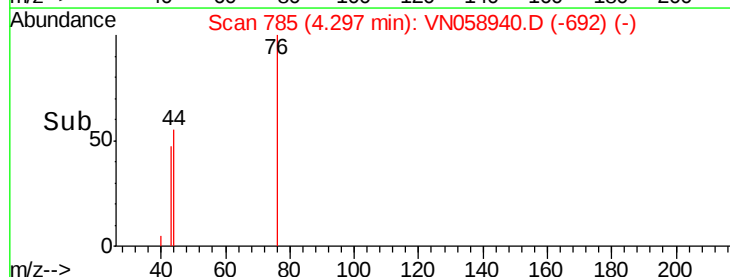
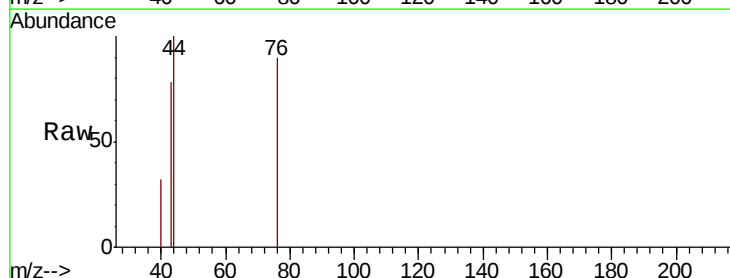
Acq: 23 Oct 2019 19:04

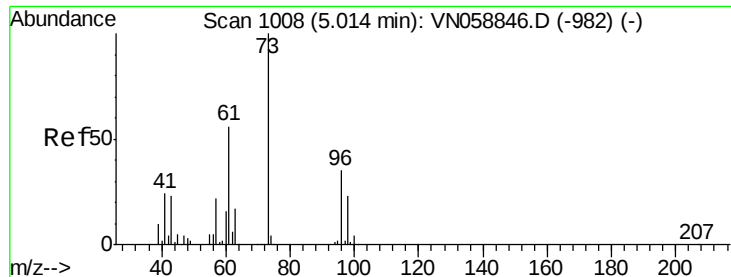
Tgt Ion: 43 Resp: 1230

Ion Ratio Lower Upper

43 100

74 2.4 17.1 25.7#





#21

trans-1,2-Dichloroethene

Concen: 2.023 ug/l

RT: 5.01 min Scan# 1008

Delta R.T. 0.00 min

Lab File: VN058940.D

Acq: 23 Oct 2019 19:04

Instrument :

MSVOA_N

ClientSampled :

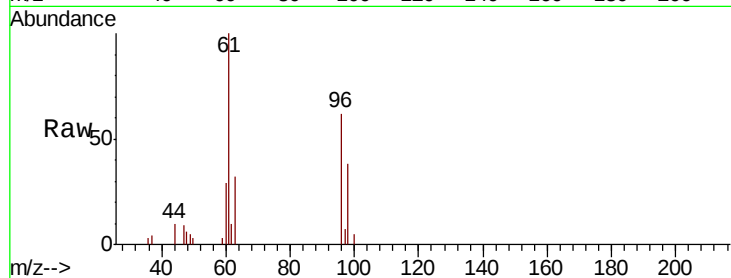
Tot Ion: 96 Resp: 6669

Ion Ratio Lower Upper

96 100

61 160.8 126.7 190.1

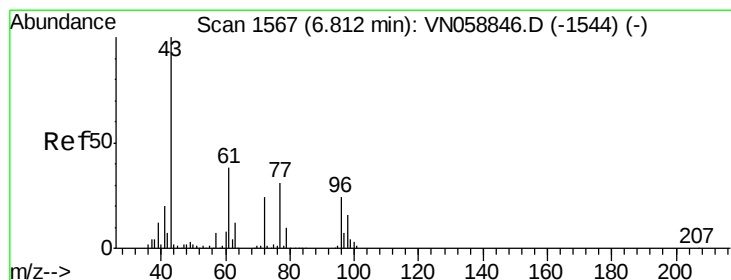
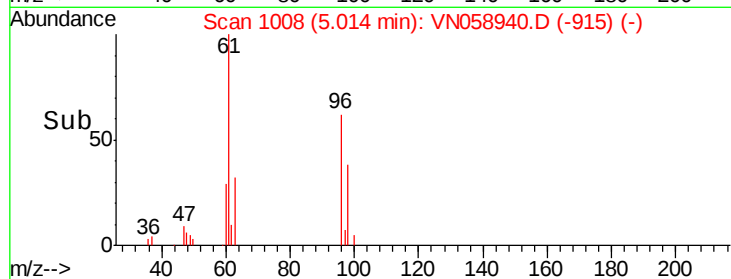
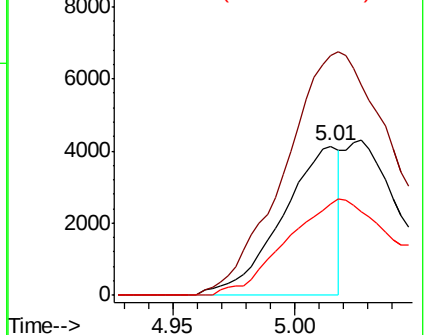
98 61.4 52.0 78.0



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: 0.469 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.02 min

Lab File: VN058940.D

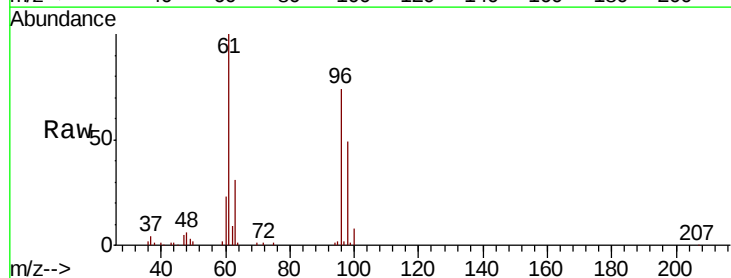
Acq: 23 Oct 2019 19:04

Tgt Ion: 43 Resp: 1335

Ion Ratio Lower Upper

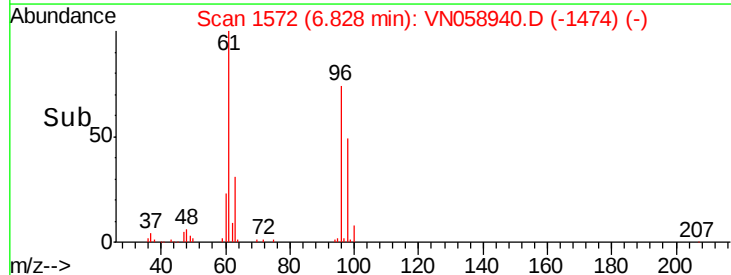
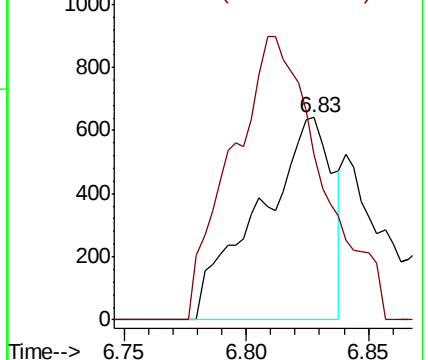
43 100

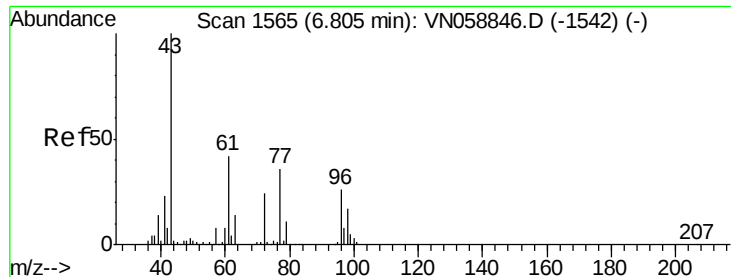
72 81.9 19.1 28.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0





#27

cis-1,2-Dichloroethene

Concen: 49.790 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN058940.D

Acq: 23 Oct 2019 19:04

Instrument :
MSVOA_N
ClientSampled :

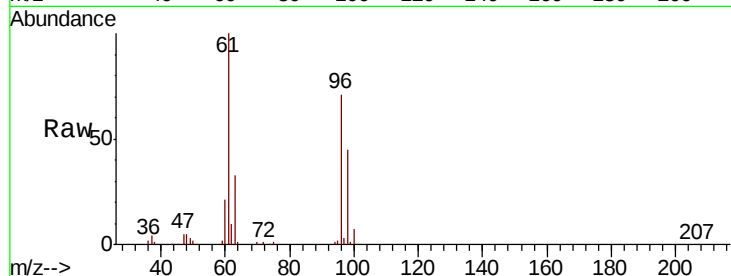
Tot Ion: 96 Resp: 187487

Ion Ratio Lower Upper

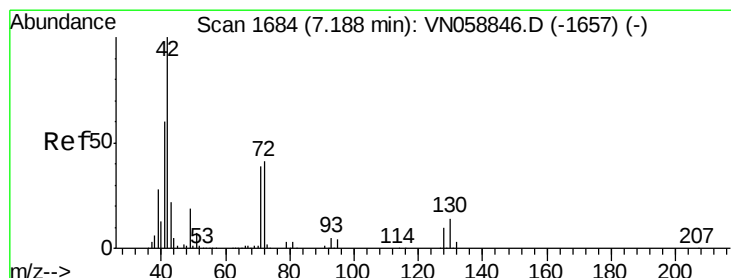
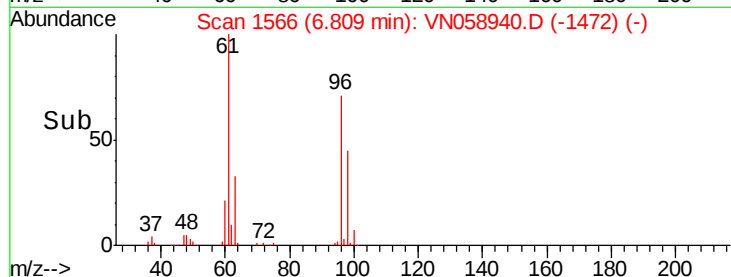
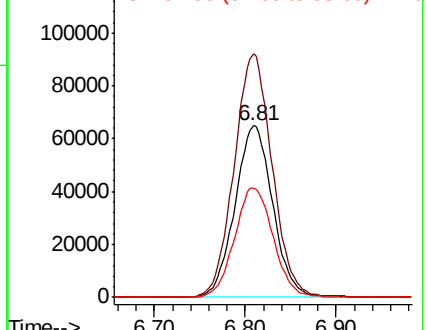
96 100

61 142.2 0.0 325.0

98 65.1 0.0 128.0



Abundance Ion 95.90 (95.60 to 96.60): VNC
Ion 60.90 (60.60 to 61.60): VNC
Ion 97.90 (97.60 to 98.60): VNC



#29

Tetrahydrofuran

Concen: 0.535 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.01 min

Lab File: VN058940.D

Acq: 23 Oct 2019 19:04

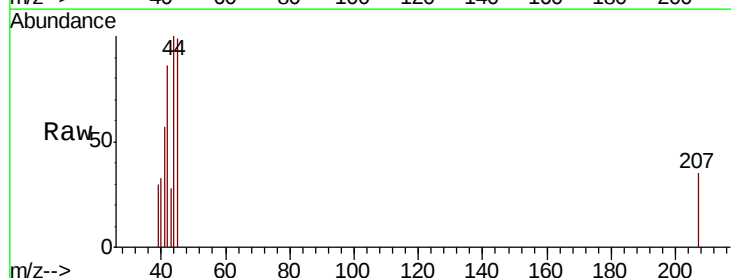
Tgt Ion: 42 Resp: 932

Ion Ratio Lower Upper

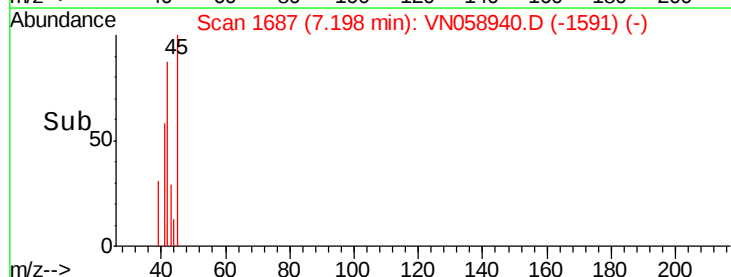
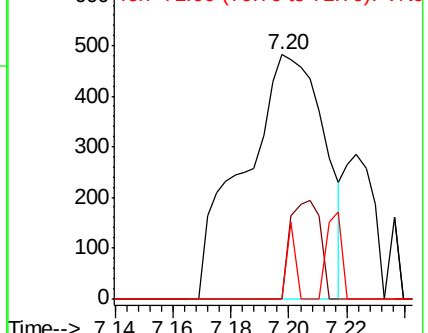
42 100

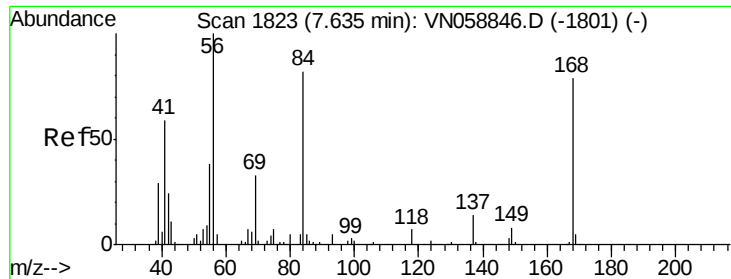
72 14.6 32.2 48.2#

71 3.1 30.6 45.8#



Abundance Ion 42.00 (41.70 to 42.70): VNC
Ion 72.00 (71.70 to 72.70): VNC
Ion 71.00 (70.70 to 71.70): VNC

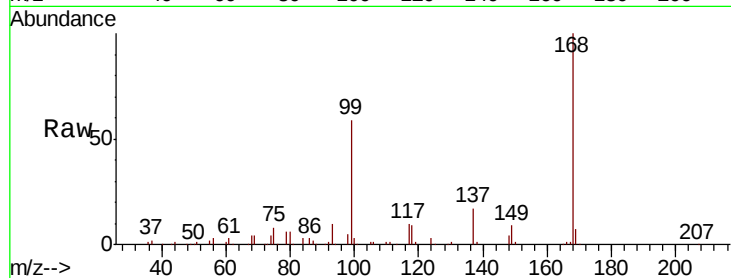




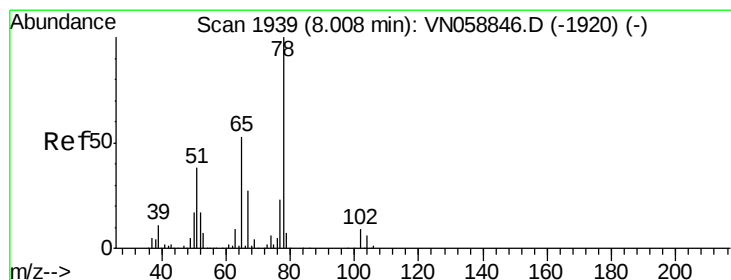
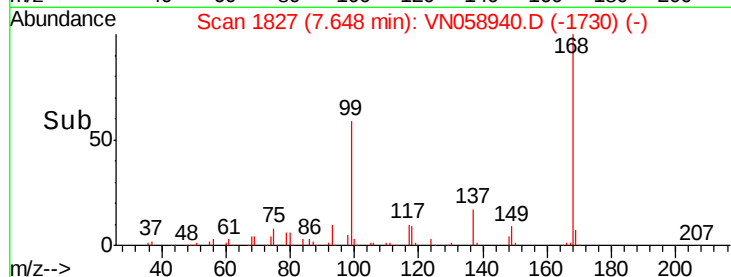
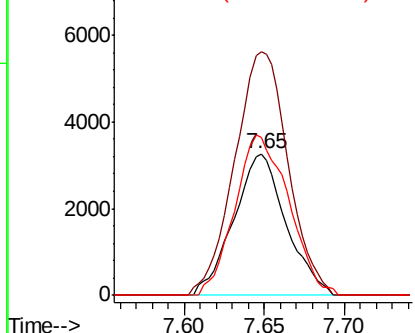
#31
Cyclohexane
Concen: 1.143 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. 0.01 min
Lab File: VN058940.D
Acq: 23 Oct 2019 19:04

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 7294
Ion Ratio Lower Upper
56 100
69 171.8 26.2 39.4#
84 111.7 65.6 98.4#

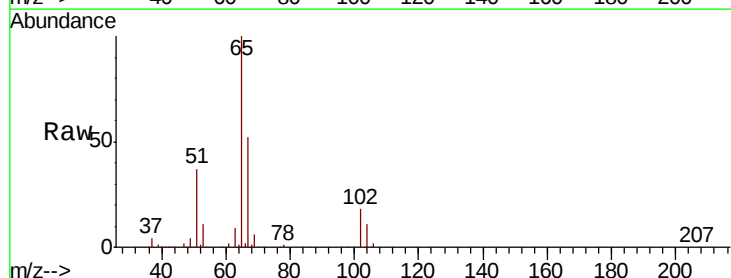


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

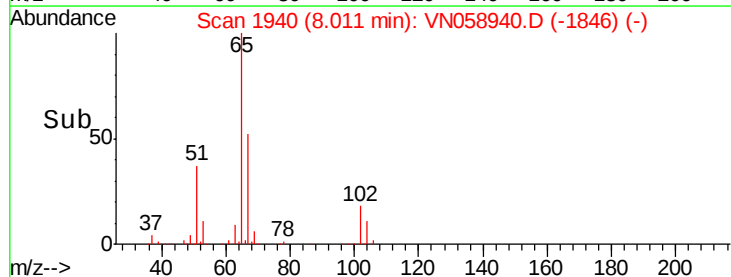
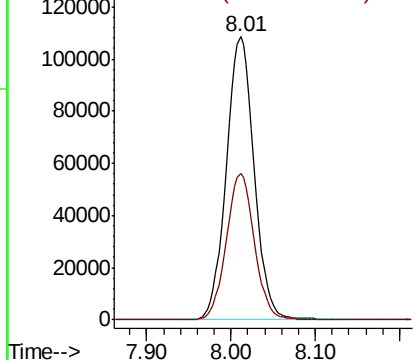


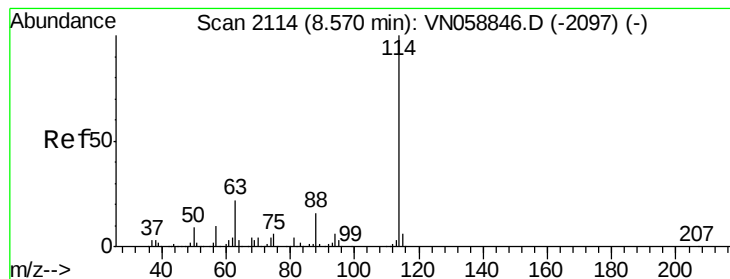
#33
1,2-Dichloroethane-d4
Concen: 56.113 ug/l
RT: 8.01 min Scan# 1940
Delta R.T. 0.00 min
Lab File: VN058940.D
Acq: 23 Oct 2019 19:04

Tgt Ion: 65 Resp: 249184
Ion Ratio Lower Upper
65 100
67 52.1 0.0 103.2



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: 8.57 min Scan# 2115

Delta R.T. 0.00 min

Lab File: VN058940.D

Acq: 23 Oct 2019 19:04

Instrument :

MSVOA_N

ClientSampleId :

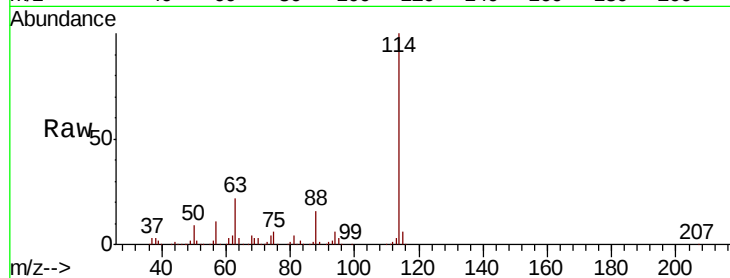
Tot Ion:114 Resp: 507634

Ion Ratio Lower Upper

114 100

63 22.5 0.0 44.4

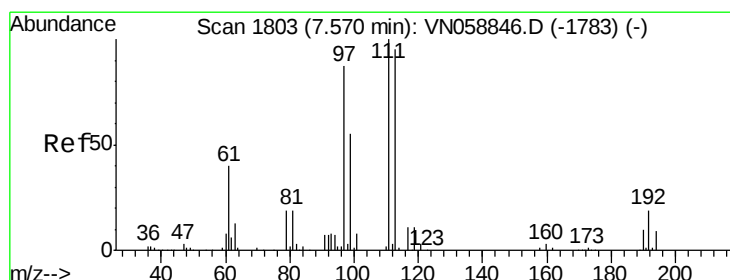
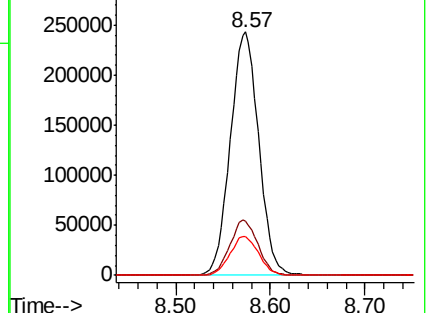
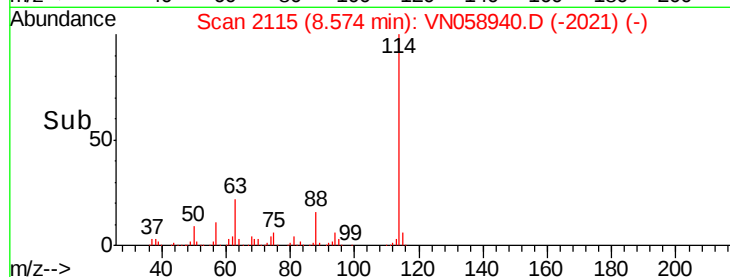
88 15.9 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 53.577 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN058940.D

Acq: 23 Oct 2019 19:04

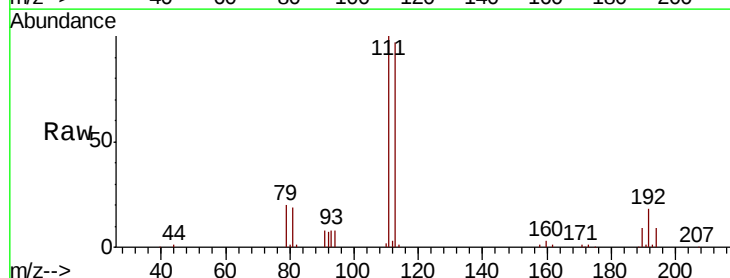
Tgt Ion:113 Resp: 178816

Ion Ratio Lower Upper

113 100

111 102.3 82.0 123.0

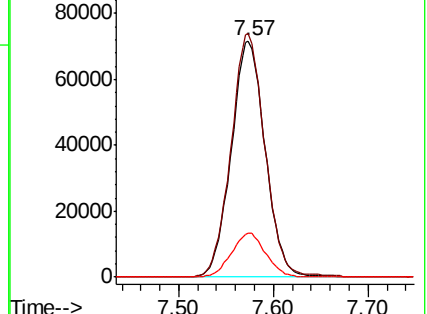
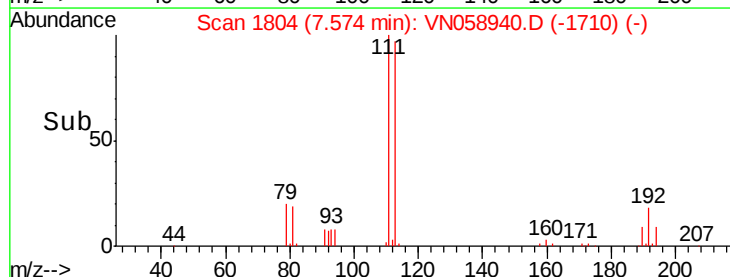
192 18.7 15.0 22.6

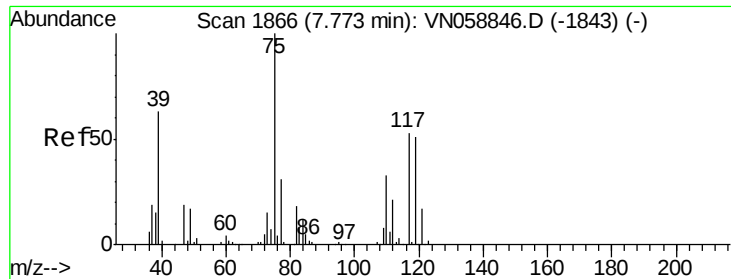


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

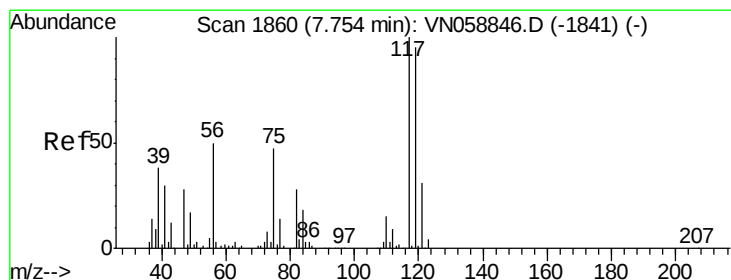
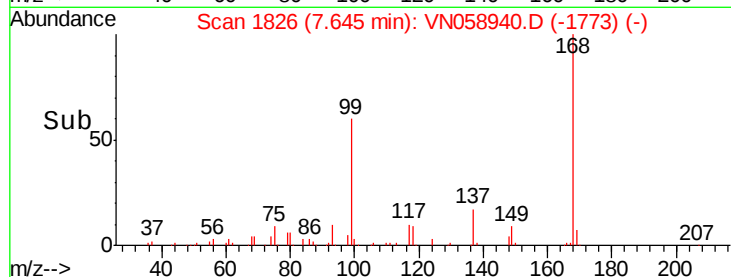
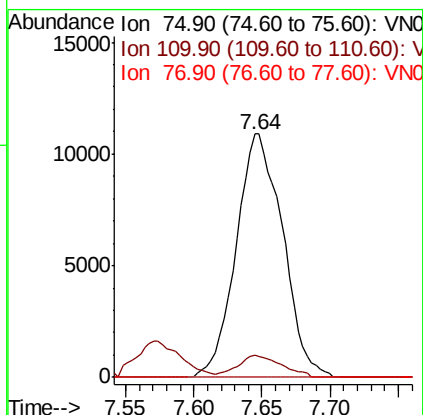
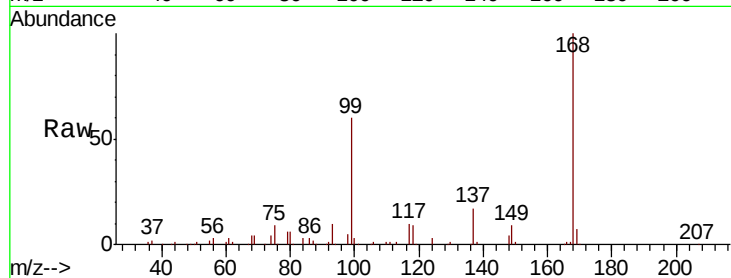




#36
 1,1-Dichloropropene
 Concen: 4.966 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.13 min
 Lab File: VN058940.D
 Acq: 23 Oct 2019 19:04

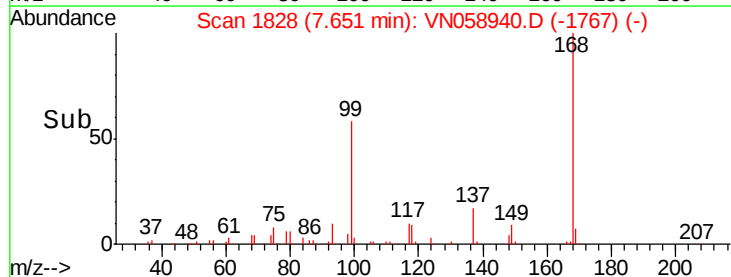
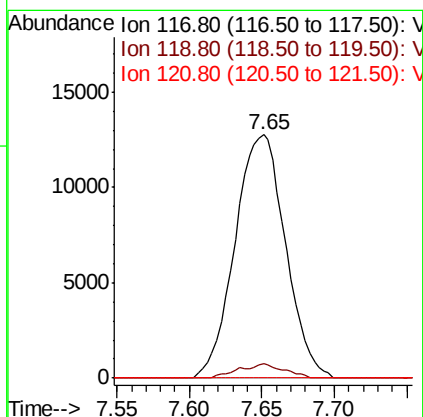
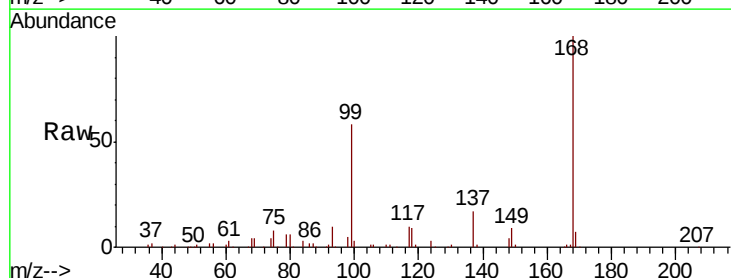
Instrument :
 MSVOA_N
 ClientSampled :

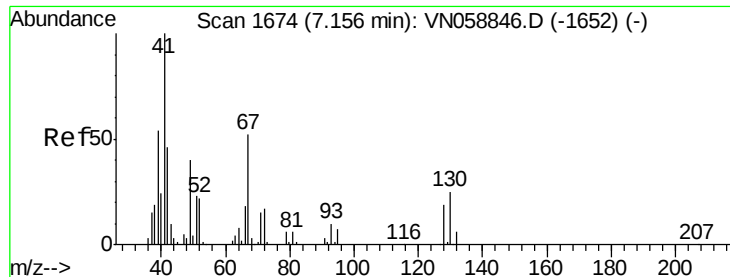
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.5	16.3	48.9#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 5.766 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.10 min
 Lab File: VN058940.D
 Acq: 23 Oct 2019 19:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.9	75.7	113.5#
121	0.0	25.0	37.6#

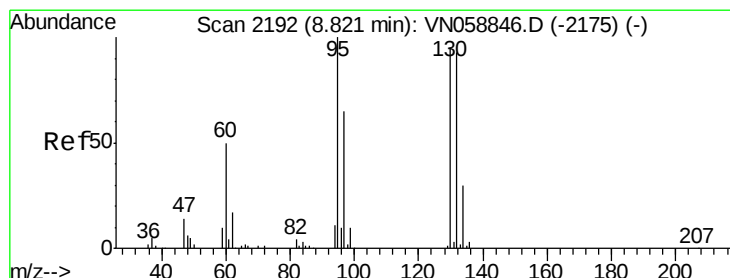
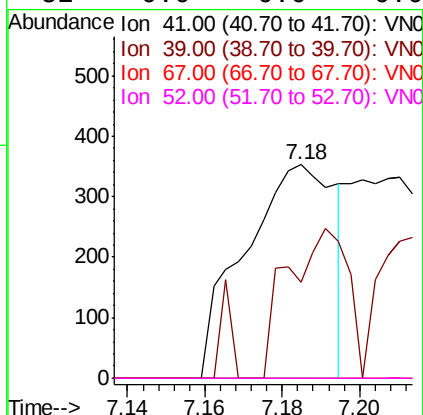
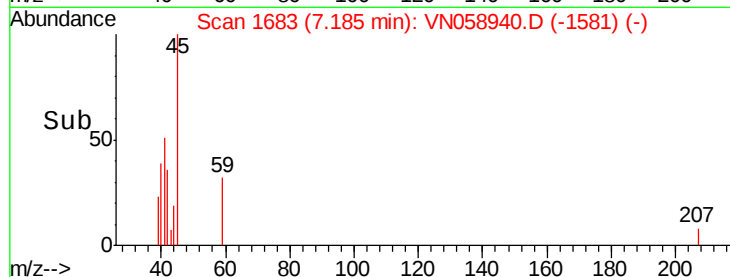
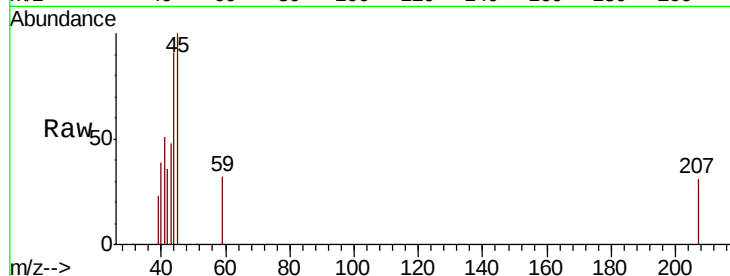




#41
Methacrylonitrile
Concen: 0.228 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. 0.03 min
Lab File: VN058940.D
Acq: 23 Oct 2019 19:04

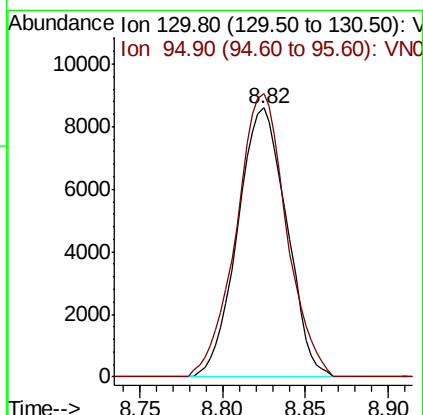
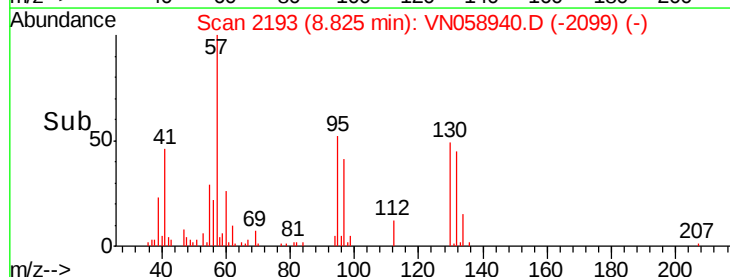
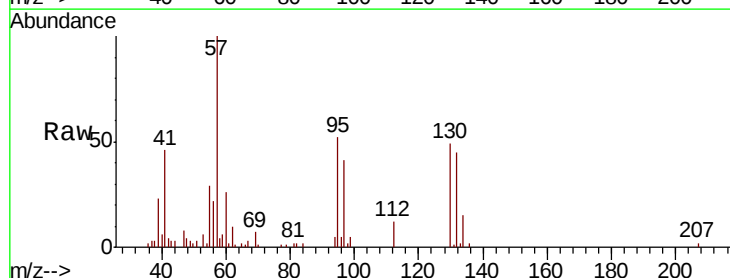
Instrument :
MSVOA_N
ClientSampled :

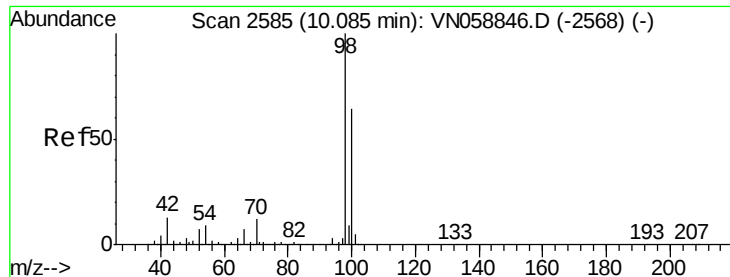
Tot Ion:	41	Resp:	575
Ion	Ratio	Lower	Upper
41	100		
39	46.3	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#44
Trichloroethene
Concen: 4.749 ug/l
RT: 8.82 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VN058940.D
Acq: 23 Oct 2019 19:04

Tgt Ion:	130	Resp:	17654
Ion	Ratio	Lower	Upper
130	100		
95	105.3	0.0	209.6





#50

Toluene-d8

Concen: 48.969 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058940.D

Acq: 23 Oct 2019 19:04

Instrument :

MSVOA_N

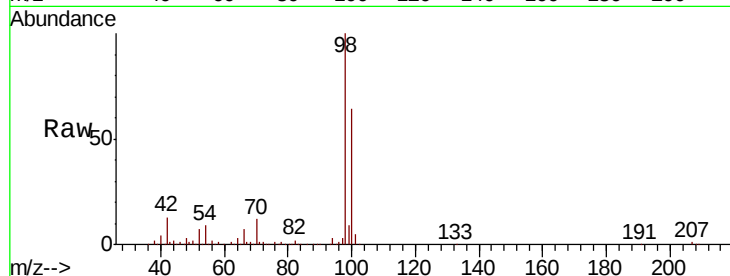
ClientSampleId :

Tot Ion: 98 Resp: 634437

Ion Ratio Lower Upper

98 100

100 64.0 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.08

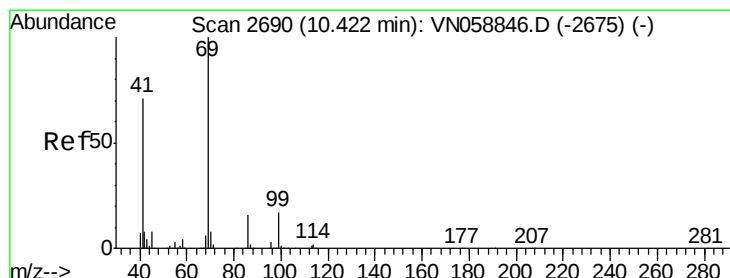
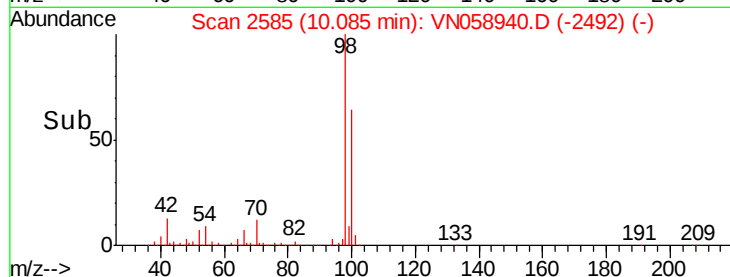
300000

200000

100000

0

Time-->



#56

Ethyl methacrylate

Concen: 2.103 ug/l

RT: 10.36 min Scan# 2669

Delta R.T. -0.07 min

Lab File: VN058940.D

Acq: 23 Oct 2019 19:04

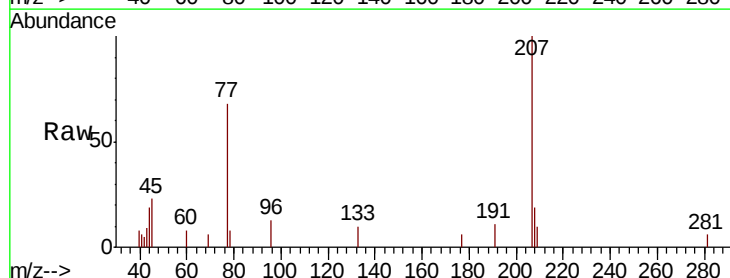
Tgt Ion: 69 Resp: 34

Ion Ratio Lower Upper

69 100

41 735.3 57.2 85.8#

39 0.0 31.0 46.4#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

300

250

200

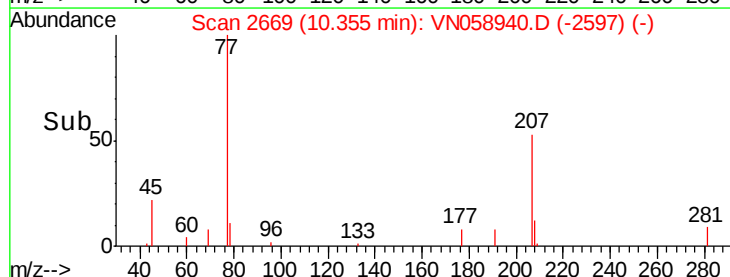
150

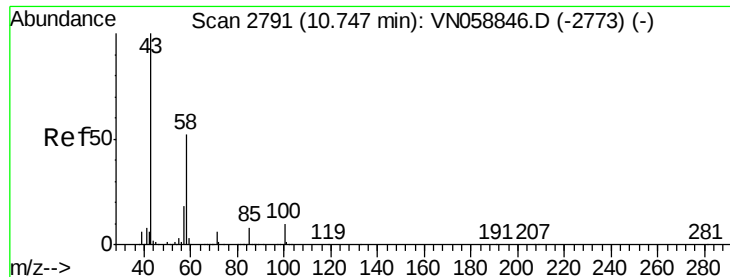
100

50

0

Time-->

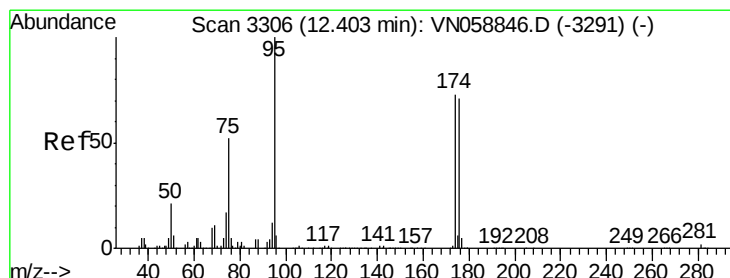
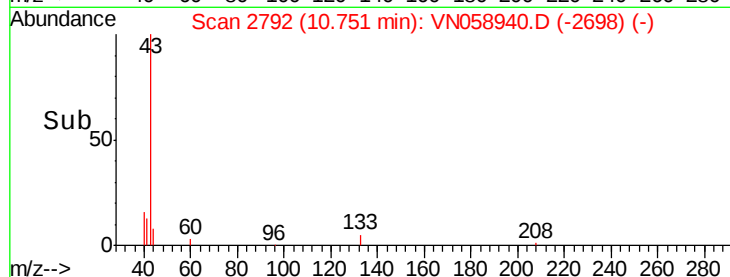
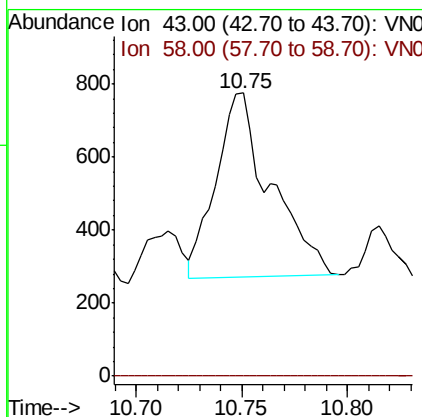
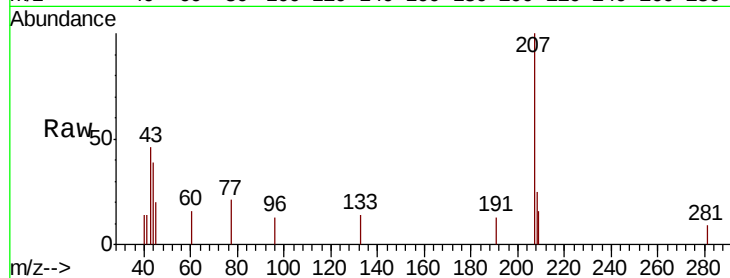




#59
2-Hexanone
Concen: 0.221 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN058940.D
Acq: 23 Oct 2019 19:04

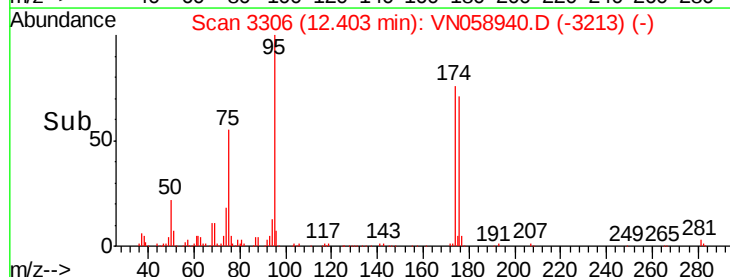
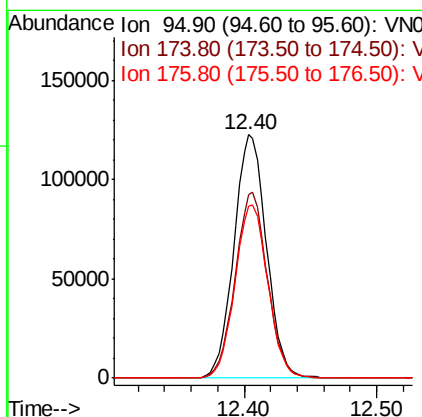
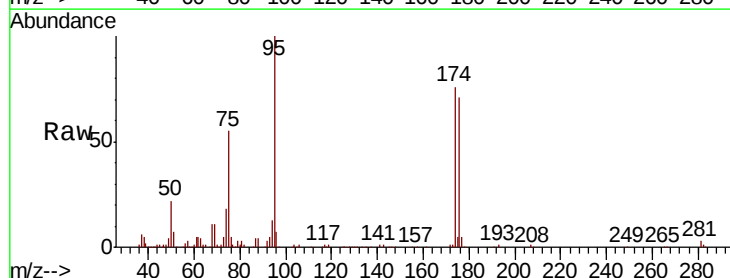
Instrument :
MSVOA_N
ClientSampled :

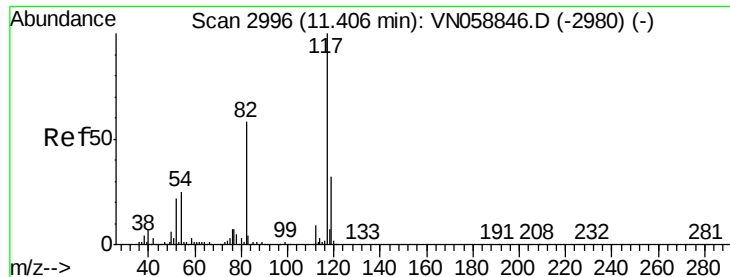
Tot Ion: 43 Resp: 907
Ion Ratio Lower Upper
43 100
58 0.0 25.9 77.7#



#62
4-Bromofluorobenzene
Concen: 43.928 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN058940.D
Acq: 23 Oct 2019 19:04

Tgt Ion: 95 Resp: 208998
Ion Ratio Lower Upper
95 100
174 75.6 0.0 147.6
176 71.9 0.0 143.2

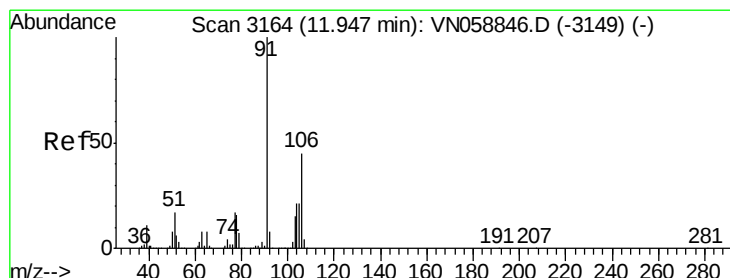
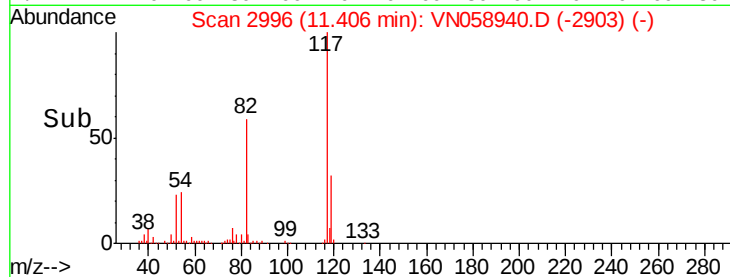
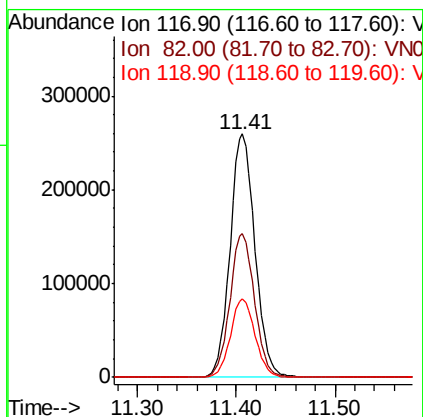
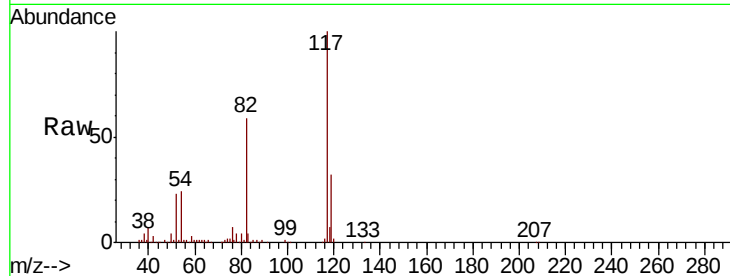




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058940.D
Acq: 23 Oct 2019 19:04

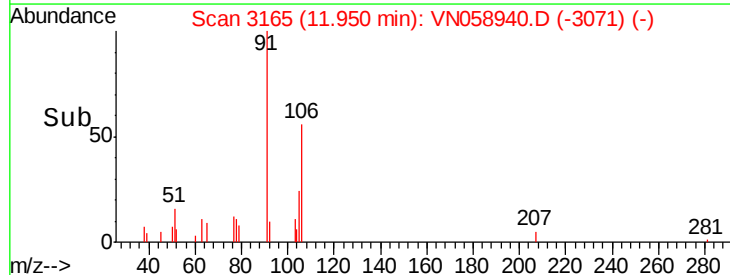
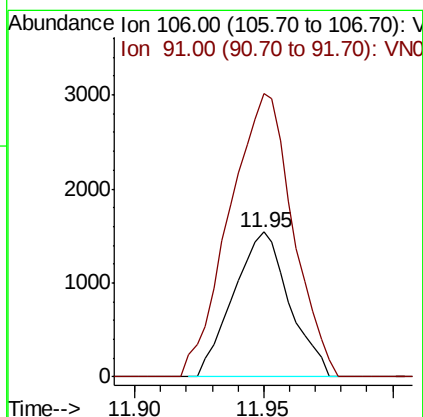
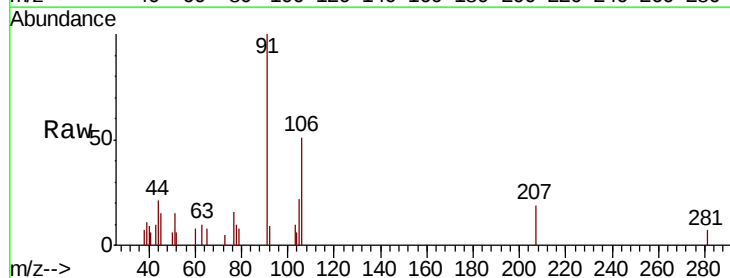
Instrument :
MSVOA_N
ClientSampleId :

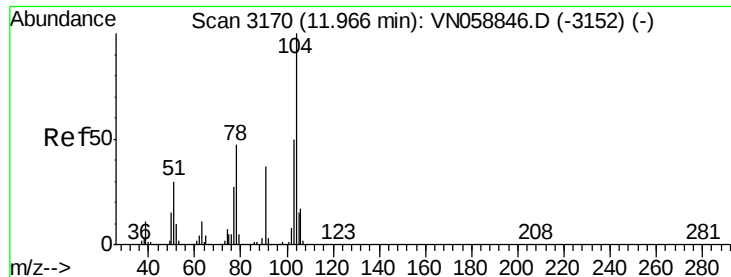
Tot Ion:117 Resp: 456784
Ion Ratio Lower Upper
117 100
82 59.1 46.6 69.8
119 32.1 25.6 38.4



#69
o-Xylene
Concen: 0.404 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN058940.D
Acq: 23 Oct 2019 19:04

Tgt Ion:106 Resp: 2332
Ion Ratio Lower Upper
106 100
91 221.4 111.5 334.4





#70

Stvrene

Concen: 1.726 ug/l

RT: 11.95 min Scan# 3164

Delta R.T. -0.02 min

Lab File: VN058940.D

Acq: 23 Oct 2019 19:04

Instrument :

MSVOA_N

ClientSampleId :

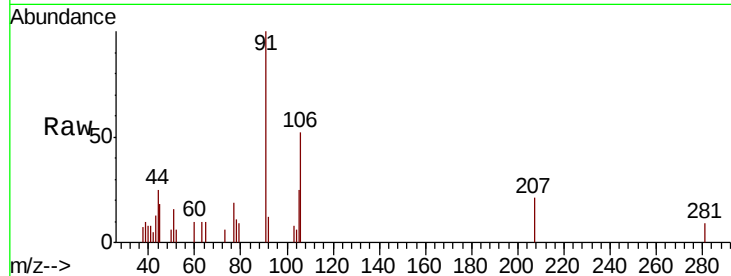
Tot Ion:104 Resp: 134

Ion Ratio Lower Upper

104 100

78 379.9 42.8 64.2#

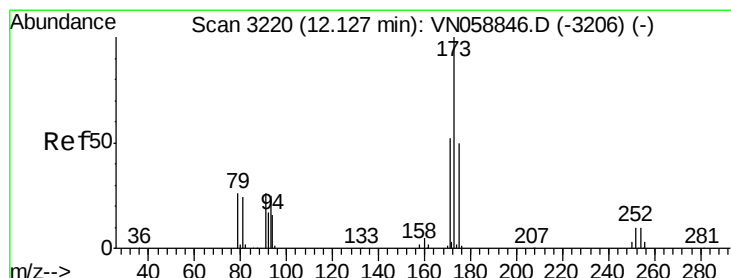
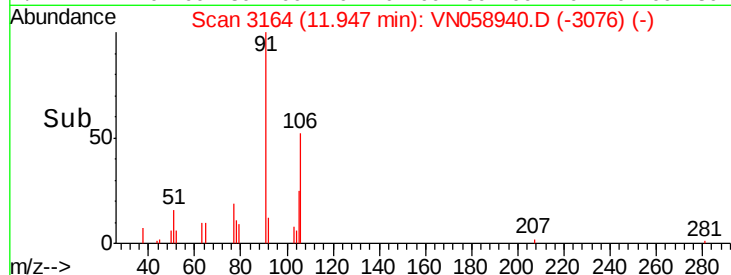
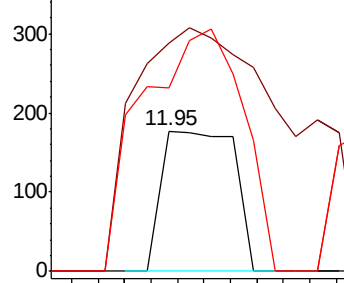
103 241.0 44.3 66.5#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 0.305 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN058940.D

Acq: 23 Oct 2019 19:04

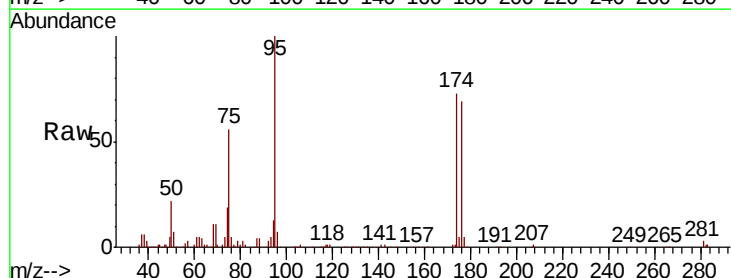
Tgt Ion:173 Resp: 830

Ion Ratio Lower Upper

173 100

175 1093.5 24.7 74.1#

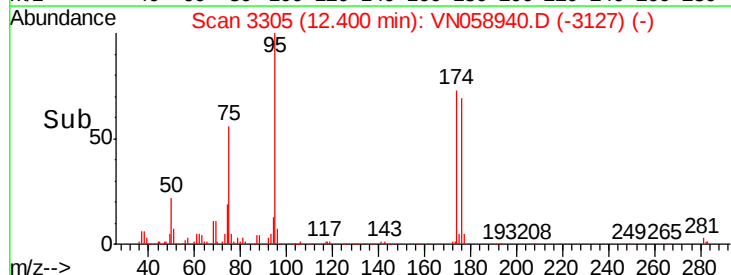
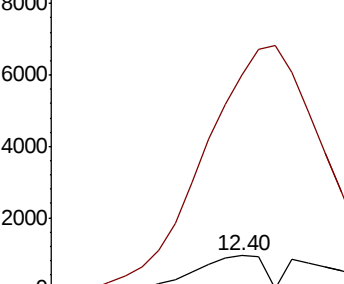
254 0.0 0.0 0.0

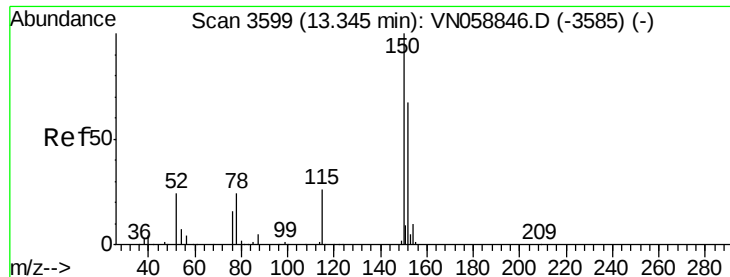


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



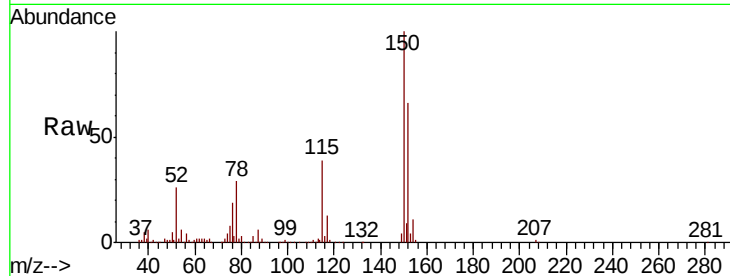


#72

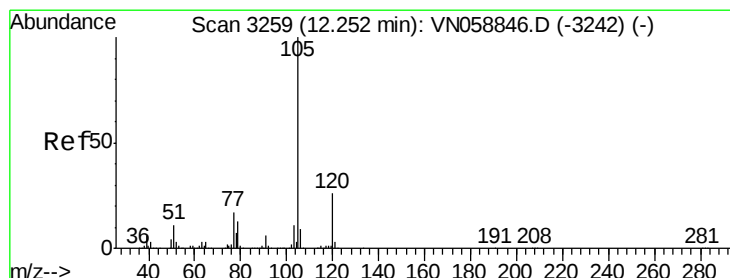
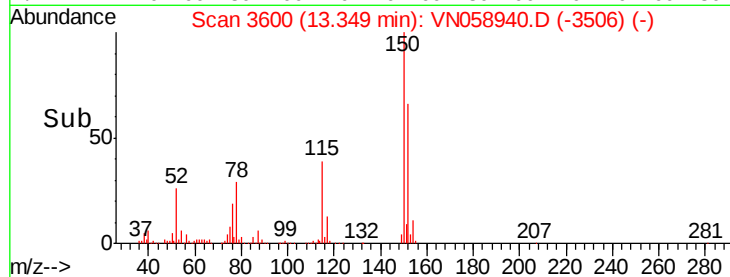
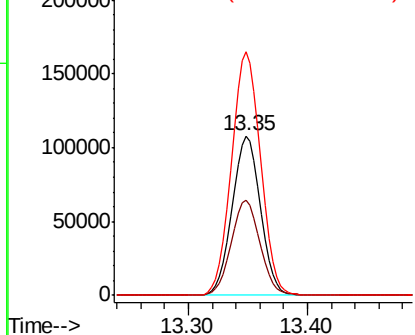
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN058940.D
Acq: 23 Oct 2019 19:04

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:152 Resp: 178632
Ion Ratio Lower Upper
152 100
115 60.8 30.5 91.5
150 155.8 0.0 344.4



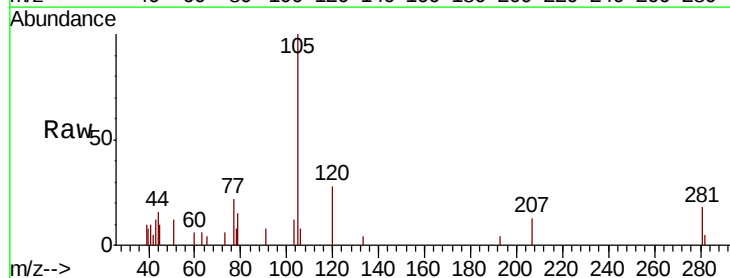
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



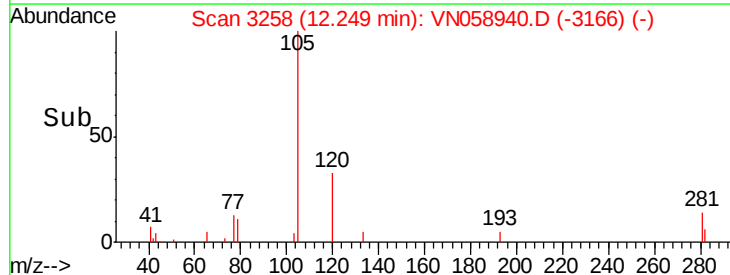
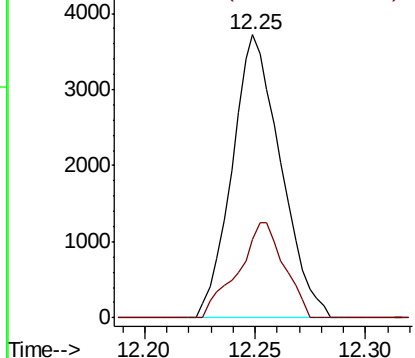
#73

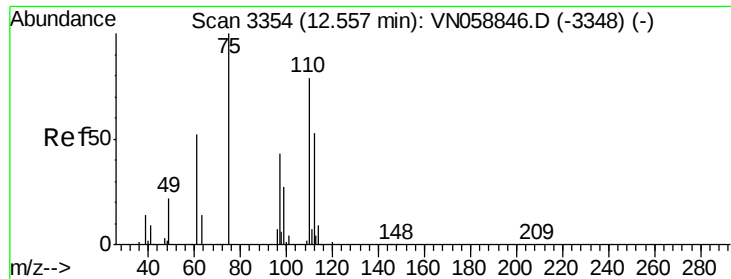
Isopropylbenzene
Concen: 0.435 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. -0.00 min
Lab File: VN058940.D
Acq: 23 Oct 2019 19:04

Tgt Ion:105 Resp: 5677
Ion Ratio Lower Upper
105 100
120 31.8 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 27.021 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN058940.D

Acq: 23 Oct 2019 19:04

Instrument :

MSVOA_N

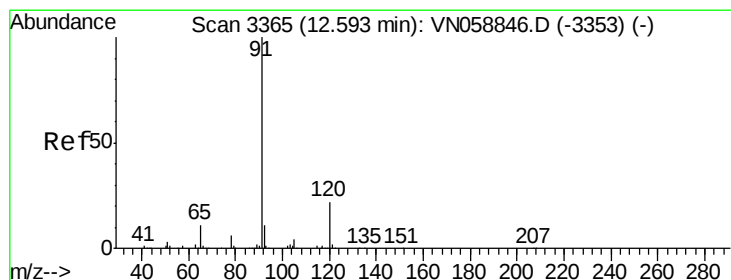
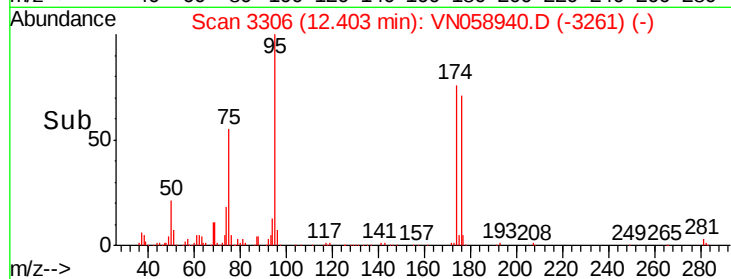
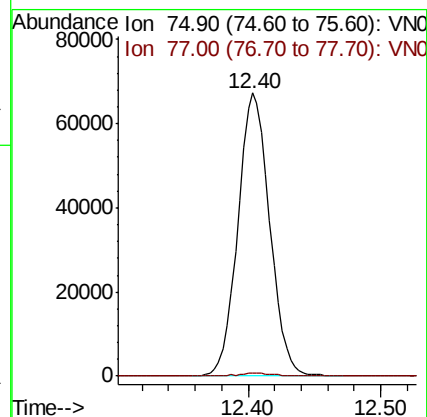
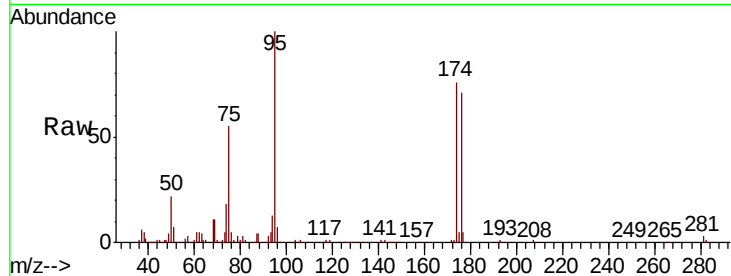
ClientSampled :

Tot Ion: 75 Resp: 111868

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#78

n-propylbenzene

Concen: 0.724 ug/l

RT: 12.60 min Scan# 3366

Delta R.T. 0.00 min

Lab File: VN058940.D

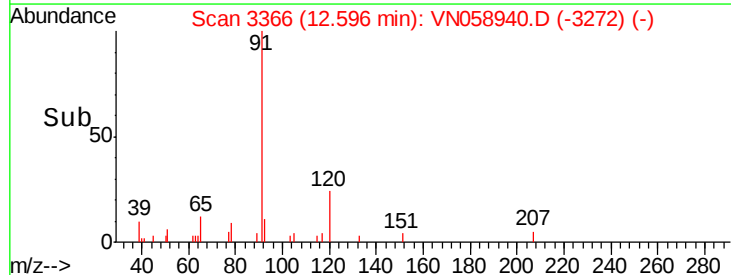
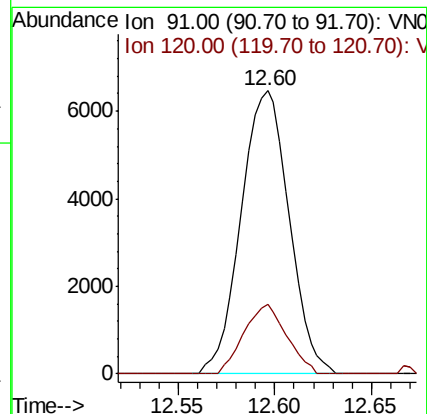
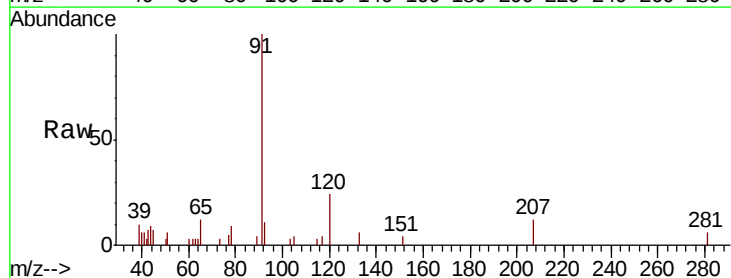
Acq: 23 Oct 2019 19:04

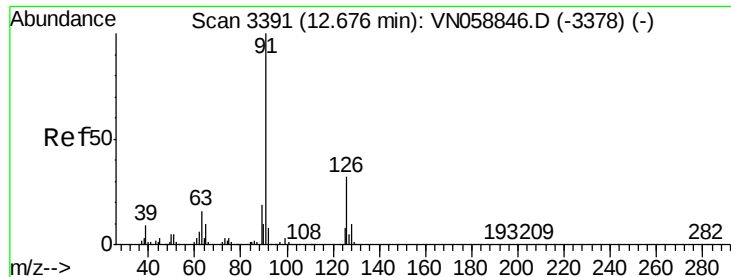
Tgt Ion: 91 Resp: 11170

Ion Ratio Lower Upper

91 100

120 21.8 11.1 33.1





#79

2-Chlorotoluene

Concen: 1.183 ug/l

RT: 12.60 min Scan# 3366

Delta R.T. -0.08 min

Lab File: VN058940.D

Acq: 23 Oct 2019 19:04

Instrument :

MSVOA_N

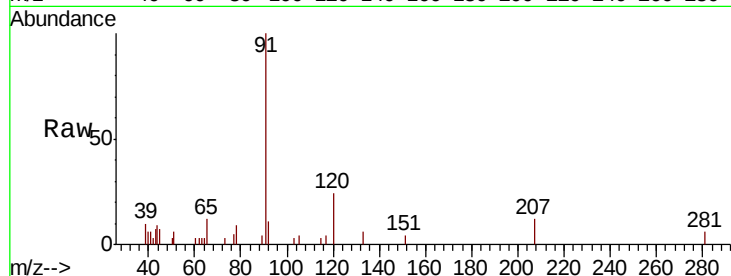
ClientSampleId :

Tot Ion: 91 Resp: 11170

Ion Ratio Lower Upper

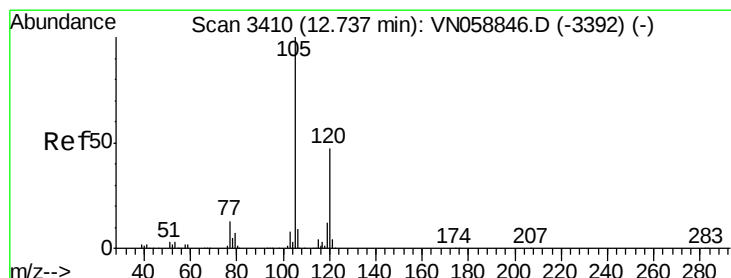
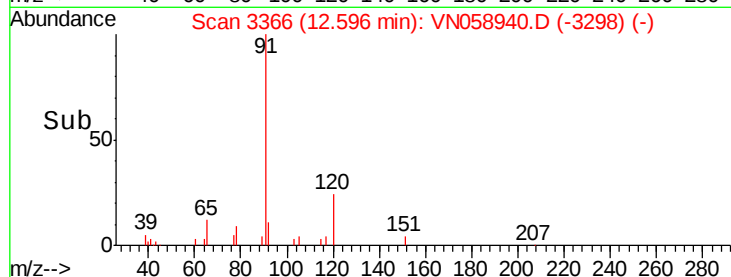
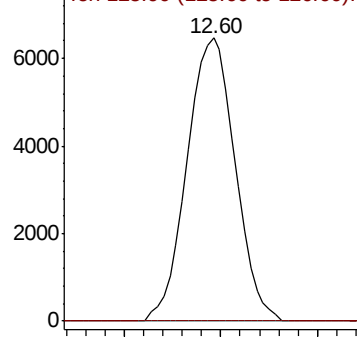
91 100

126 0.0 16.2 48.6#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 1.593 ug/l

RT: 12.90 min Scan# 3459

Delta R.T. 0.16 min

Lab File: VN058940.D

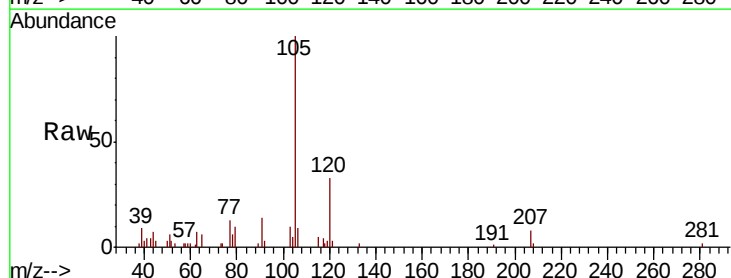
Acq: 23 Oct 2019 19:04

Tgt Ion:105 Resp: 17475

Ion Ratio Lower Upper

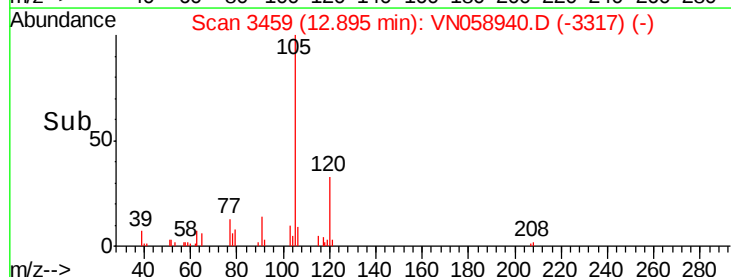
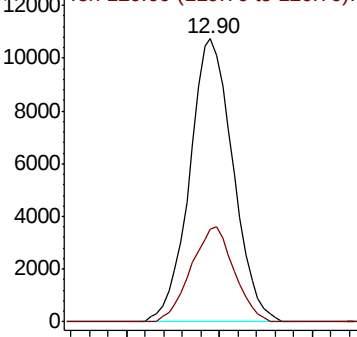
105 100

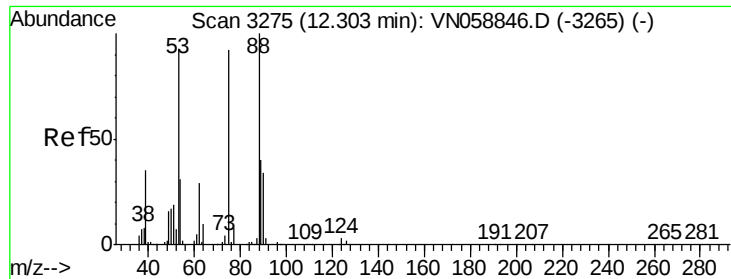
120 33.3 23.8 71.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 70.393 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN058940.D

Acq: 23 Oct 2019 19:04

Instrument :

MSVOA_N

ClientSampleId :

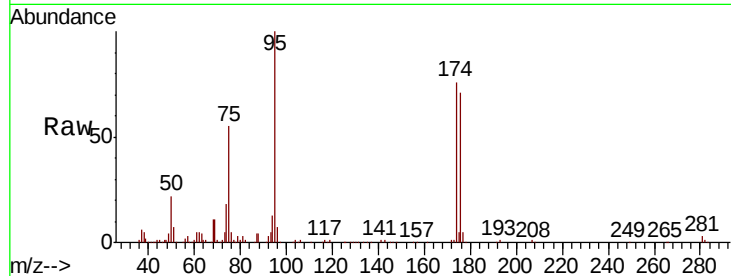
Tot Ion: 75 Resp: 111868

Ion Ratio Lower Upper

75 100

53 0.1 78.6 118.0#

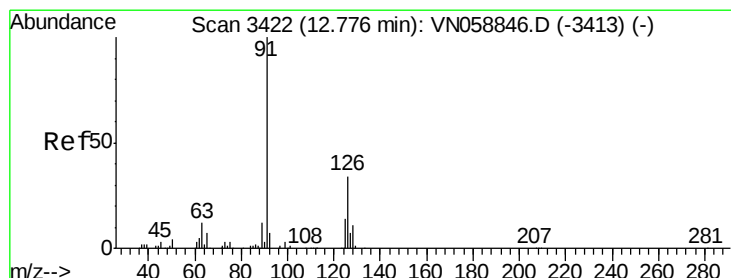
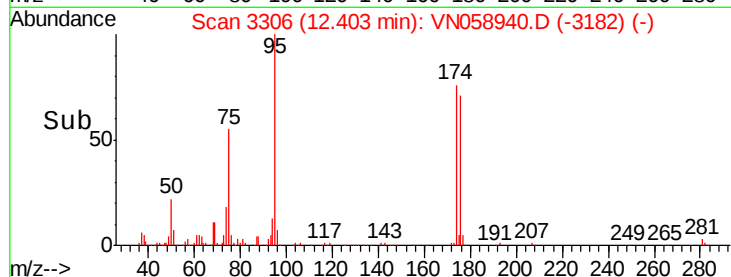
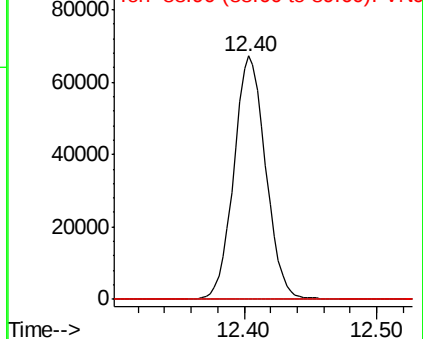
89 0.0 35.4 53.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 0.244 ug/l

RT: 12.90 min Scan# 3459

Delta R.T. 0.12 min

Lab File: VN058940.D

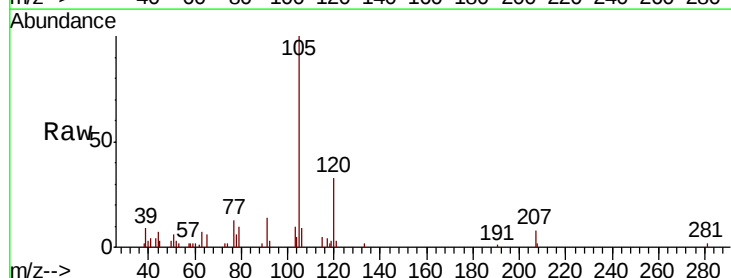
Acq: 23 Oct 2019 19:04

Tgt Ion: 91 Resp: 2352

Ion Ratio Lower Upper

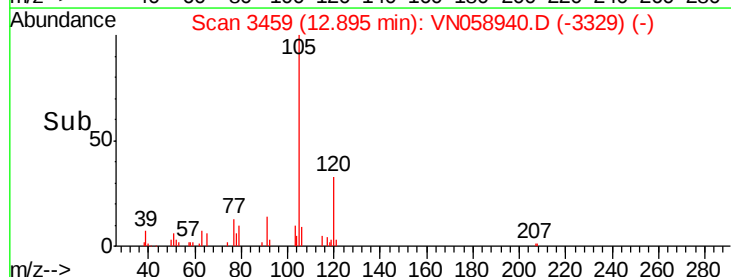
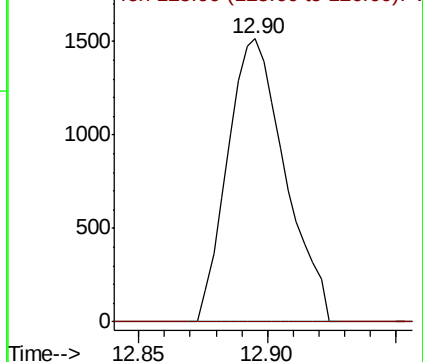
91 100

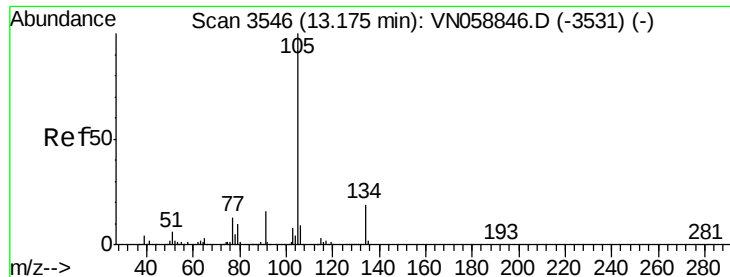
126 0.0 16.0 47.9#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#85

sec-Butylbenzene

Concen: 0.683 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN058940.D

Acq: 23 Oct 2019 19:04

Instrument :

MSVOA_N

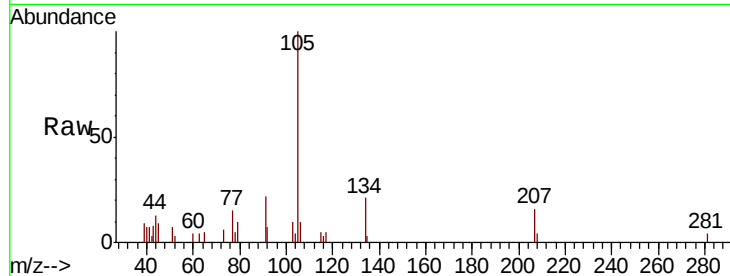
ClientSampleId :

Tot Ion:105 Resp: 8537

Ion Ratio Lower Upper

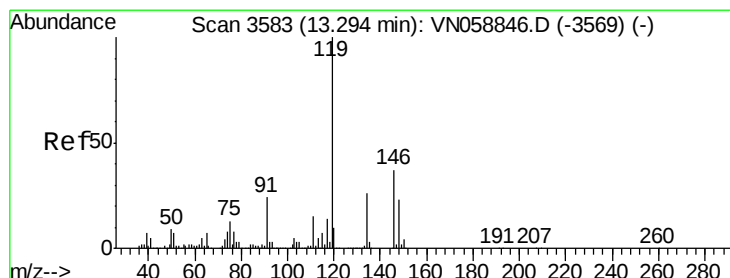
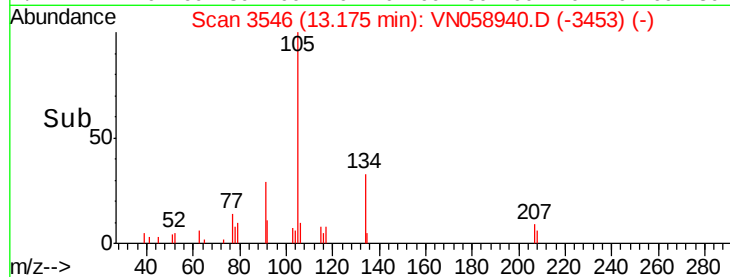
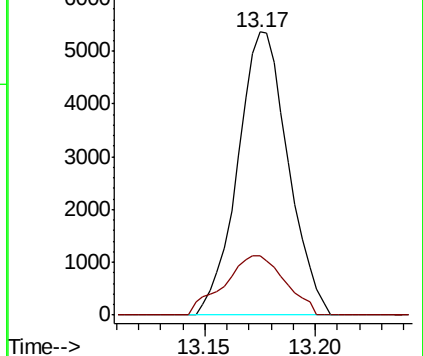
105 100

134 25.3 9.4 28.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.272 ug/l

RT: 13.45 min Scan# 3632

Delta R.T. 0.16 min

Lab File: VN058940.D

Acq: 23 Oct 2019 19:04

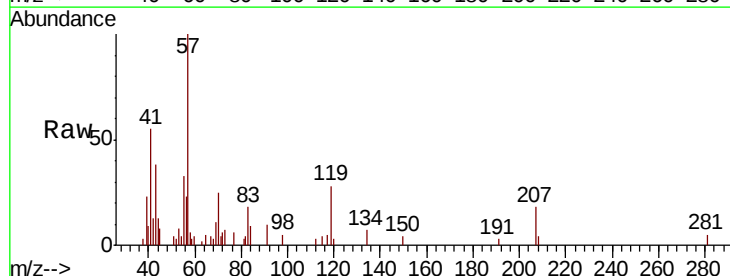
Tgt Ion:119 Resp: 3005

Ion Ratio Lower Upper

119 100

134 25.9 12.8 38.4

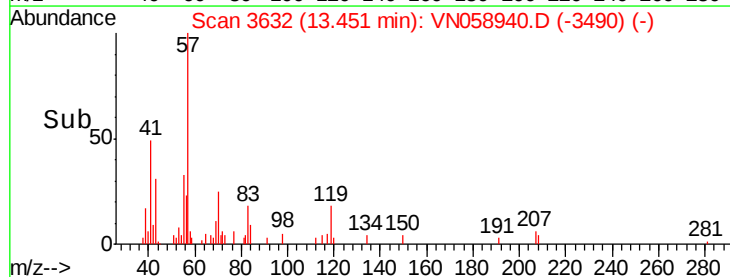
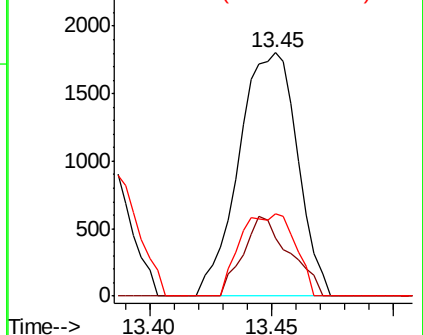
91 31.7 12.2 36.4

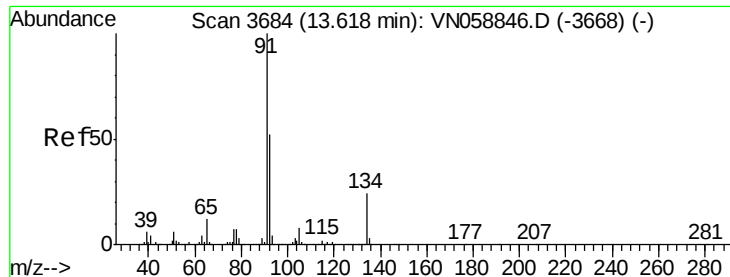


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

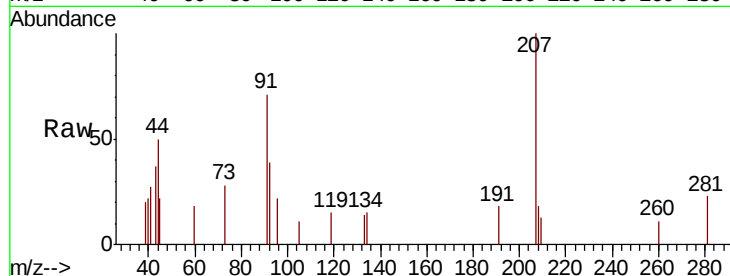




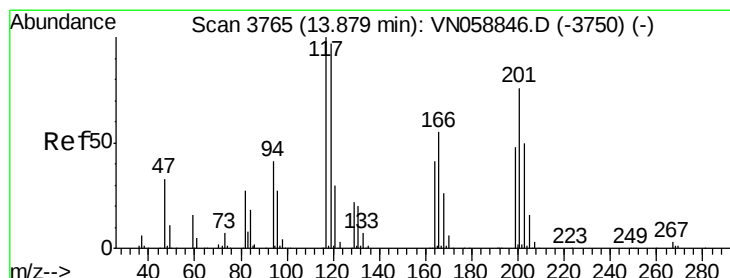
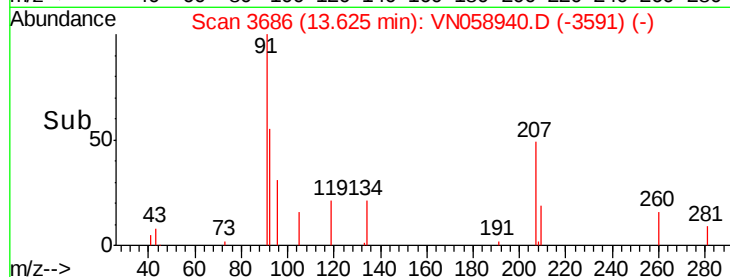
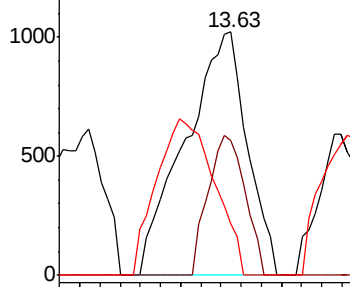
#89
n-Butylbenzene
Concen: 0.215 ug/l
RT: 13.63 min Scan# 3686
Delta R.T. 0.01 min
Lab File: VN058940.D
Acq: 23 Oct 2019 19:04

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 91 Resp: 2182
Ion Ratio Lower Upper
91 100
92 34.3 25.7 77.1
134 0.0 11.9 35.5#

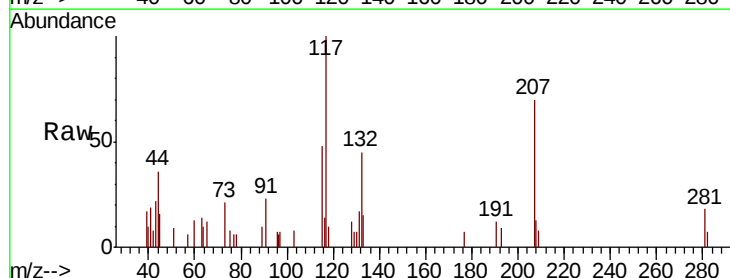


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0
Ion 134.00 (133.70 to 134.70): V

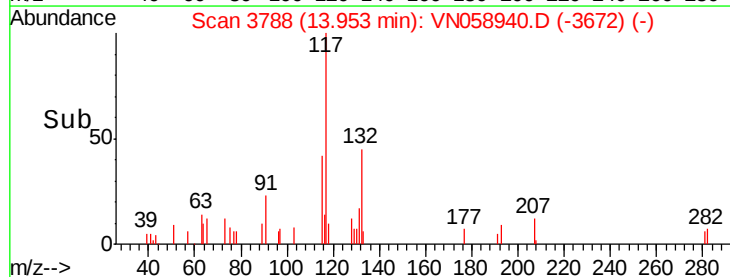
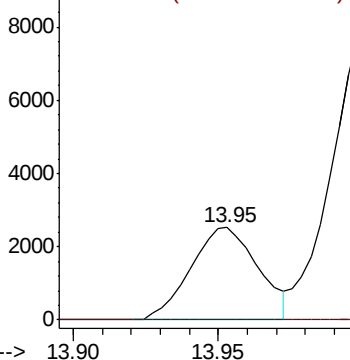


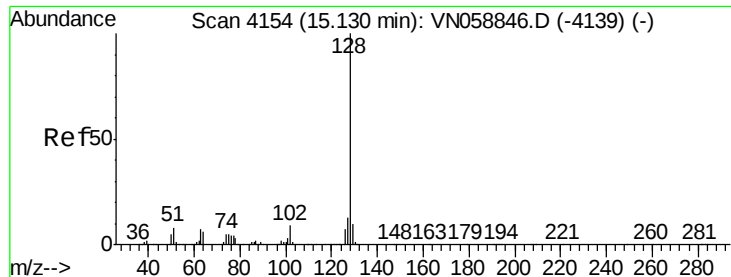
#90
Hexachloroethane
Concen: 1.820 ug/l
RT: 13.95 min Scan# 3788
Delta R.T. 0.07 min
Lab File: VN058940.D
Acq: 23 Oct 2019 19:04

Tgt Ion: 117 Resp: 4069
Ion Ratio Lower Upper
117 100
201 0.0 38.9 116.6#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#95

Naphthalene

Concen: 2.308 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.01 min

Lab File: VN058940.D

Acq: 23 Oct 2019 19:04

Instrument :

MSVOA_N

ClientSampleId :

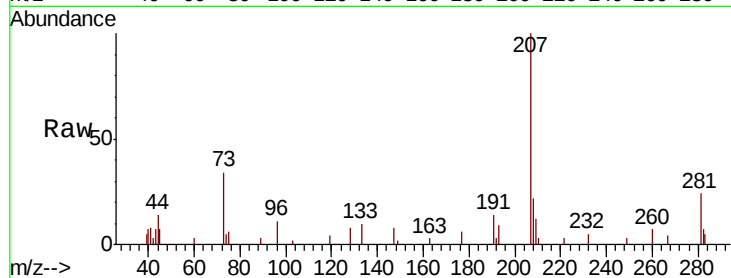
Tot Ion:128 Resp: 880

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.2#

129 0.0 8.4 12.6#



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

