

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111419\
 Data File : VN059229.D
 Acq On : 14 Nov 2019 13:32
 Operator : JC/SP
 Sample : K5742-07ME
 Misc : 9.20µ/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 15 06:29:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	373679	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	578672	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	518225	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	252751	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	231424	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
35) Dibromofluoromethane	7.57	113	181119	52.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.84%	
50) Toluene-d8	10.08	98	721439	53.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.02%	
62) 4-Bromofluorobenzene	12.40	95	265053	54.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.02%	

Target Compounds						Qvalue
11) Tert butyl alcohol	4.71	59	8090	9.241	ug/l #	72
16) Acetone	3.80	43	3796	1.589	ug/l	99
17) Carbon Disulfide	4.00	76	3275	0.303	ug/l #	75
18) Methyl Acetate	4.31	43	13520	2.385	ug/l	98
20) Methylene Chloride	4.51	84	1528	0.367	ug/l #	80
29) Tetrahydrofuran	7.19	42	721	0.360	ug/l #	51
30) Chloroform	7.35	83	3283	0.453	ug/l	95
31) Cyclohexane	7.64	56	8471	1.185	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	28736	5.313	ug/l #	50
38) Carbon Tetrachloride	7.64	117	35429	6.581	ug/l #	17
39) Methylcyclohexane	9.06	83	19549	3.114	ug/l	96
48) Methyl methacrylate	9.13	41	2564	0.598	ug/l #	29
51) 4-Methyl-2-Pentanone	9.98	43	2089	0.385	ug/l #	65
52) Toluene	10.15	92	2674	0.274	ug/l	96
55) 1,1,2-Trichloroethane	10.52	97	35102	8.884	ug/l #	19
56) Ethyl methacrylate	10.42	69	15953	4.203	ug/l #	2
59) 2-Hexanone	10.71	43	37076	8.899	ug/l #	28
67) Ethyl Benzene	11.51	91	7768	0.433	ug/l	100
68) m/p-Xylenes	11.62	106	7167	1.067	ug/l #	66
69) o-Xylene	11.95	106	2621	0.404	ug/l	82
71) Bromoform	12.40	173	1184	0.402	ug/l #	1
73) Isopropylbenzene	12.25	105	8042	0.437	ug/l	100
74) N-ethyl acetate	12.04	43	102849	13.202	ug/l #	58
75) 1,1,2,2-Tetrachloroethane	12.47	83	12044	1.924	ug/l #	25
76) 1,2,3-Trichloropropane	12.40	75	123850	21.523	ug/l #	100
78) n-propylbenzene	12.59	91	11906	0.566	ug/l	95
79) 2-Chlorotoluene	12.73	91	9527	0.730	ug/l	78
80) 1,3,5-Trimethylbenzene	12.73	105	38976	2.502	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	123850	56.848	ug/l #	16
82) 4-Chlorotoluene	13.04	91	33609	2.566	ug/l	84
83) tert-Butylbenzene	12.99	119	18162	1.350	ug/l	92
84) 1,2,4-Trimethylbenzene	13.04	105	391361	25.965	ug/l	99
85) sec-Butylbenzene	13.17	105	116184	6.640	ug/l #	59
86) p-Isopropyltoluene	13.44	119	74295	4.809	ug/l	89

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Quant Title : SW846 8260
QLast Update : Thu Nov 07 04:00:41 2019
Response via : Initial Calibration

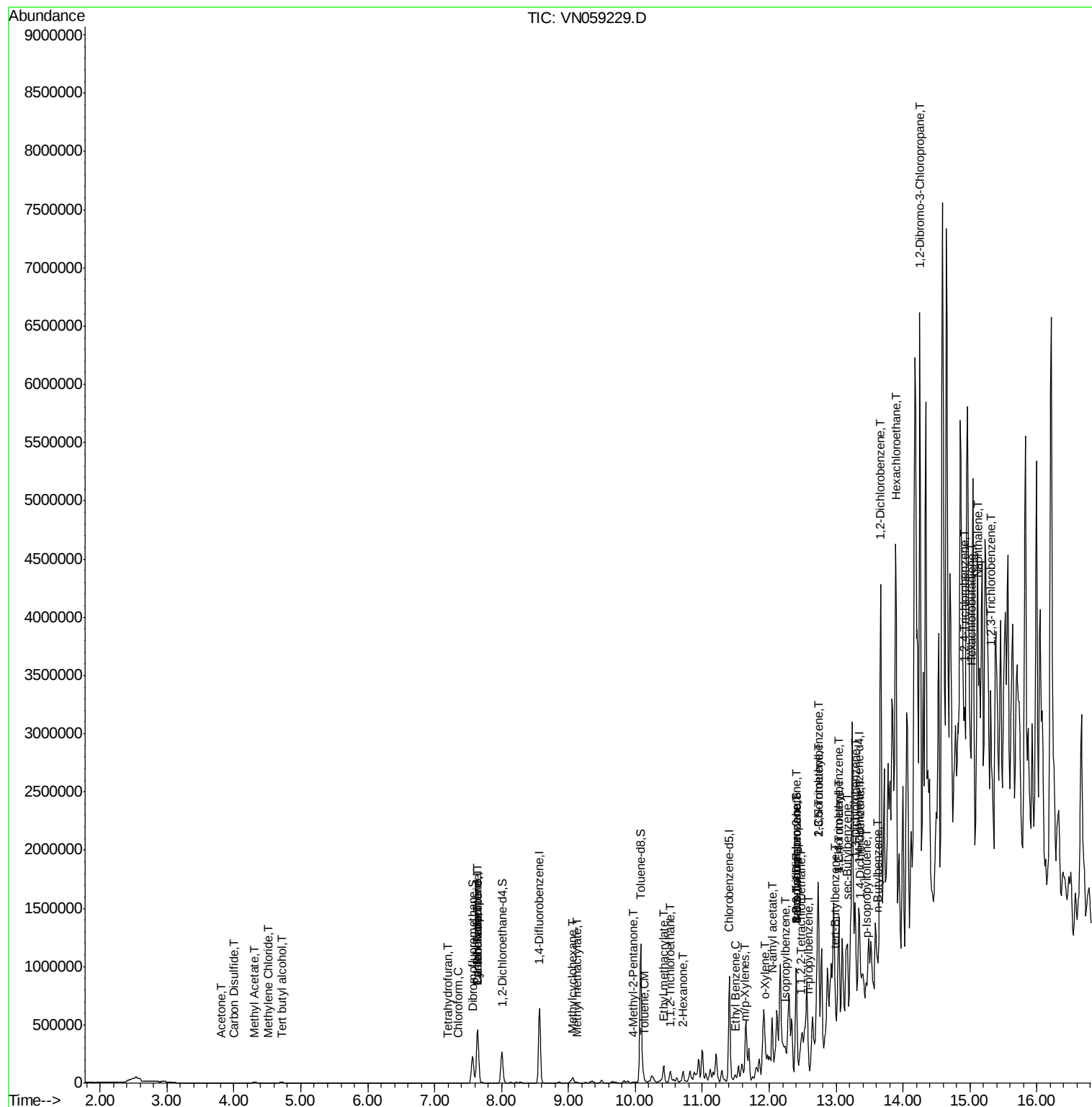
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
87) 1,3-Dichlorobenzene	13.29	146	2015	0.255	ug/l #	69
88) 1,4-Dichlorobenzene	13.36	146	2085	0.263	ug/l #	1
89) n-Butylbenzene	13.62	91	94047	6.955	ug/l #	73
90) Hexachloroethane	13.89	117	119068	38.381	ug/l #	8
91) 1,2-Dichlorobenzene	13.65	146	2179	0.280	ug/l #	73
92) 1,2-Dibromo-3-Chloropropan	14.25	75	19215	15.401	ug/l #	3
93) 1,2,4-Trichlorobenzene	14.91	180	8443	4.726	ug/l #	1
94) Hexachlorobutadiene	15.01	225	992	0.370	ug/l	73
95) Naphthalene	15.13	128	83978	9.066	ug/l #	70
96) 1,2,3-Trichlorobenzene	15.31	180	10507	2.410	ug/l #	13

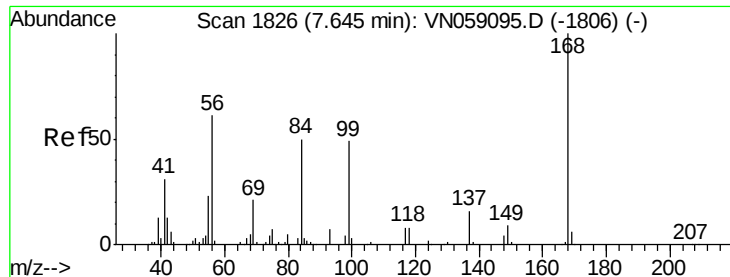
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111419\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN059229.D

Acq: 14 Nov 2019 13:32

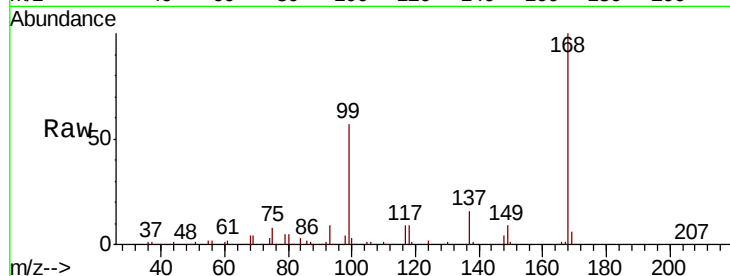
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 373679

Ion Ratio Lower Upper

168 100

99 56.5 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

150000

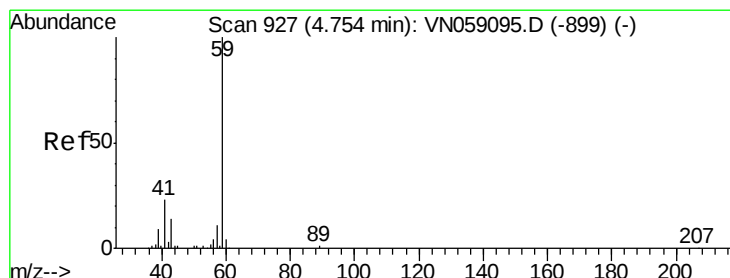
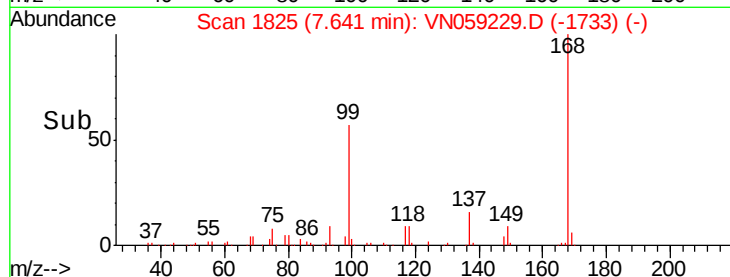
100000

50000

0

7.60 7.70

Time-->



#11

Tert butyl alcohol

Concen: 9.241 ug/l

RT: 4.71 min Scan# 913

Delta R.T. -0.05 min

Lab File: VN059229.D

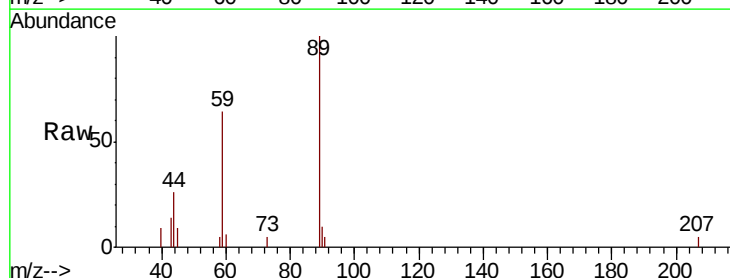
Acq: 14 Nov 2019 13:32

Tgt Ion: 59 Resp: 8090

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

4.71

2500

2000

1500

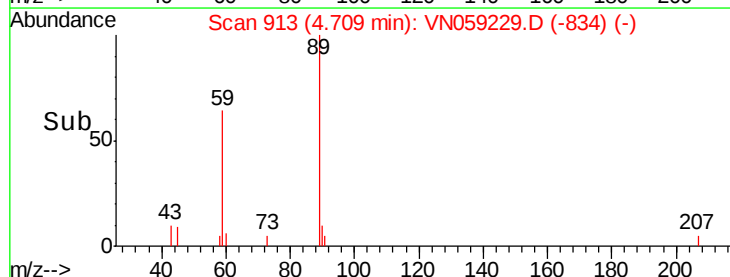
1000

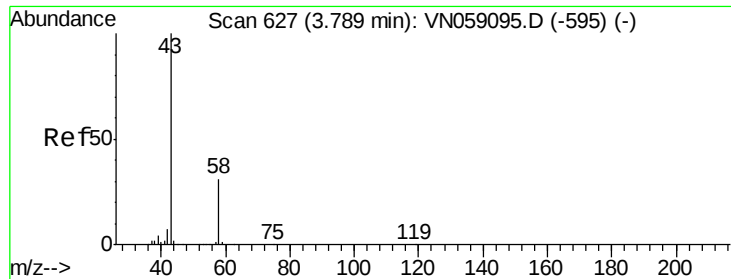
500

0

4.60 4.70 4.80

Time-->





#16

Acetone

Concen: 1.589 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN059229.D

Acq: 14 Nov 2019 13:32

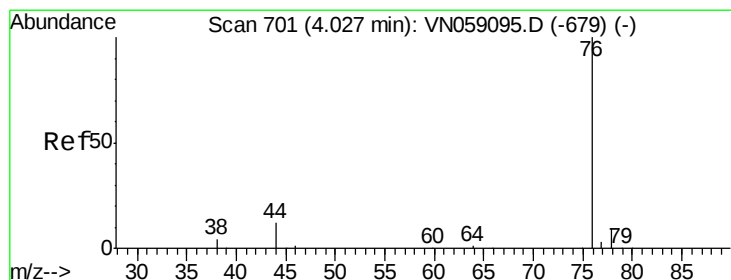
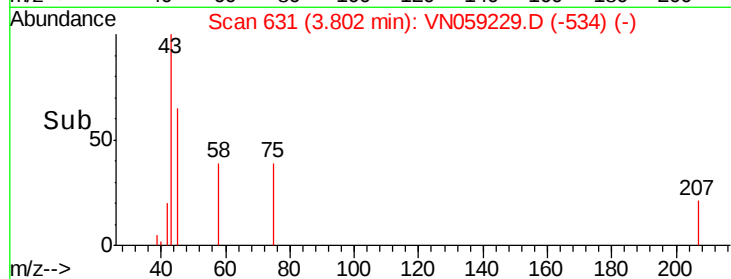
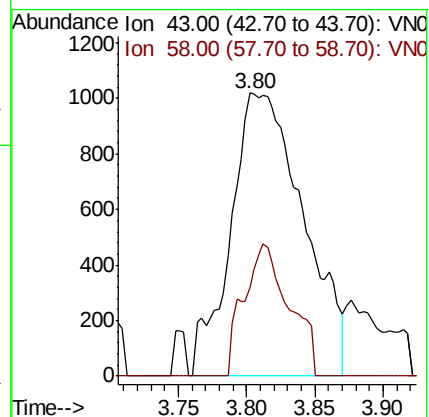
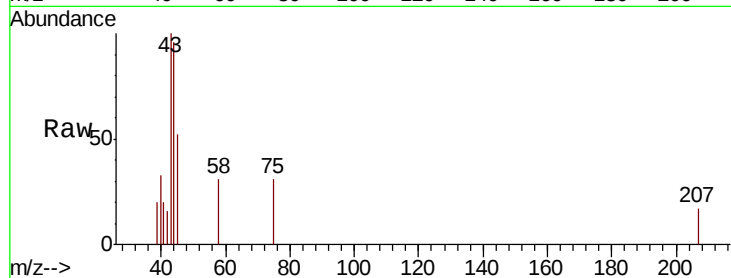
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 3796

Ion Ratio Lower Upper

43 100

58 31.4 24.9 37.3



#17

Carbon Disulfide

Concen: 0.303 ug/l

RT: 4.00 min Scan# 693

Delta R.T. -0.03 min

Lab File: VN059229.D

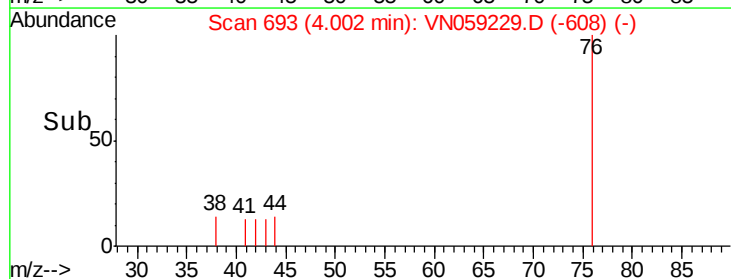
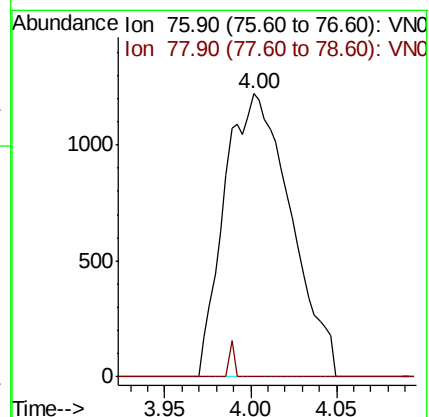
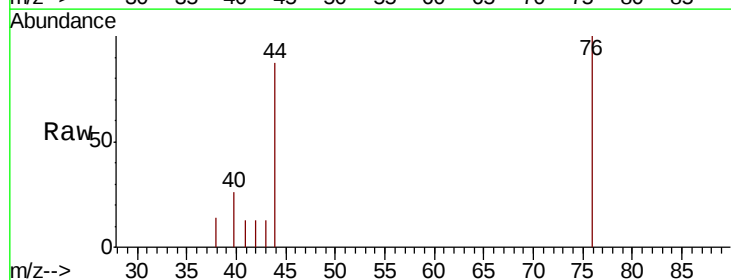
Acq: 14 Nov 2019 13:32

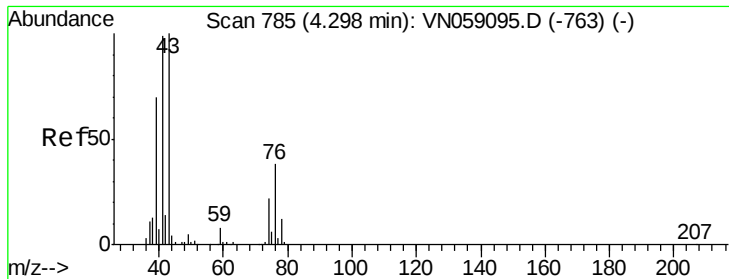
Tgt Ion: 76 Resp: 3275

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.0#

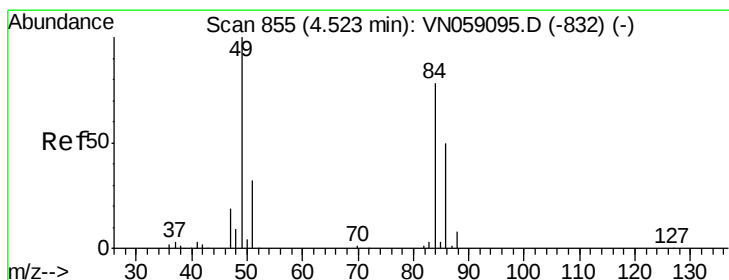
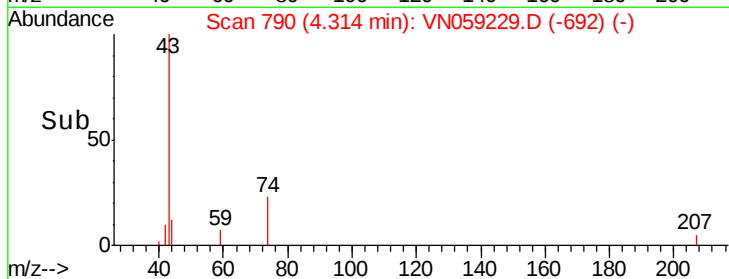
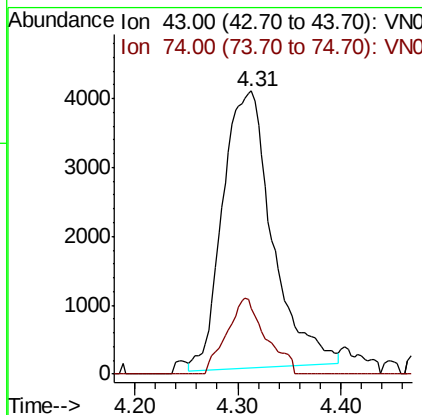
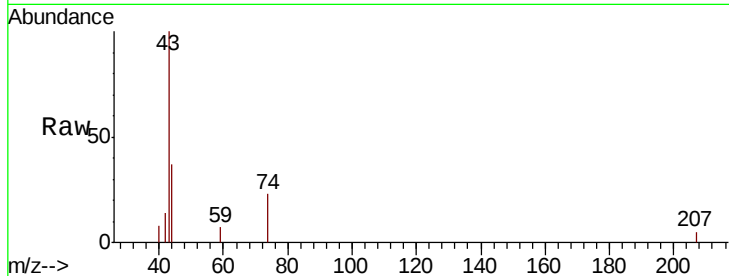




#18
Methyl Acetate
Concen: 2.385 ug/l
RT: 4.31 min Scan# 790
Delta R.T. 0.02 min
Lab File: VN059229.D
Acq: 14 Nov 2019 13:32

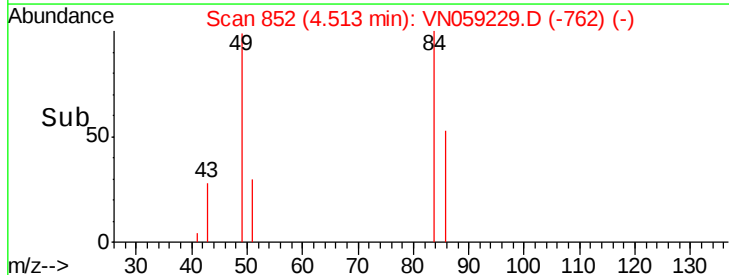
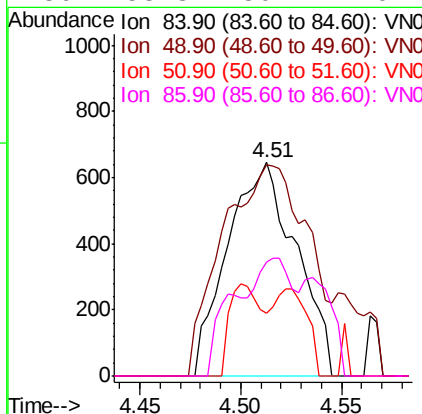
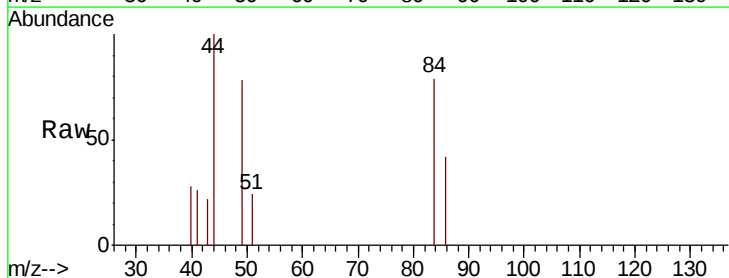
Instrument :
MSVOA_N
ClientSampled :

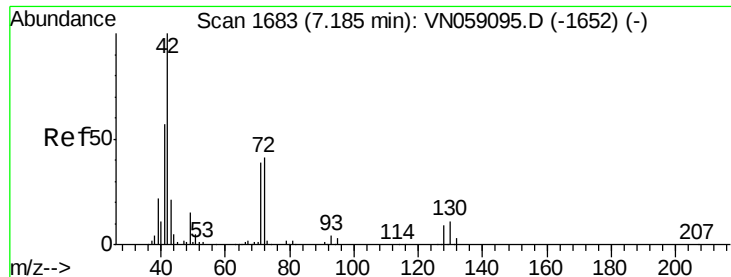
Tot Ion: 43 Resp: 13520
Ion Ratio Lower Upper
43 100
74 21.4 17.8 26.8



#20
Methylene Chloride
Concen: 0.367 ug/l
RT: 4.51 min Scan# 852
Delta R.T. -0.01 min
Lab File: VN059229.D
Acq: 14 Nov 2019 13:32

Tgt Ion: 84 Resp: 1528
Ion Ratio Lower Upper
84 100
49 99.2 102.0 153.0#
51 29.7 32.2 48.2#
86 53.3 50.7 76.1

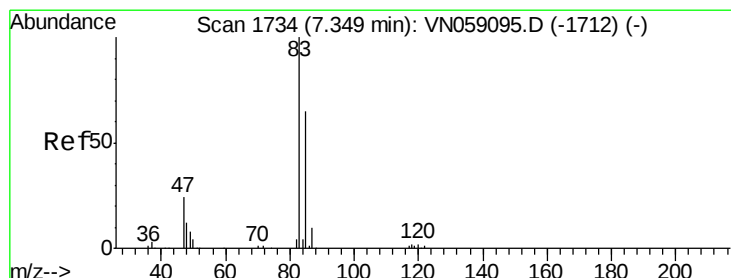
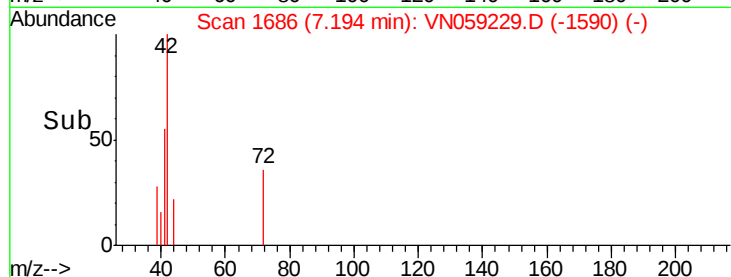
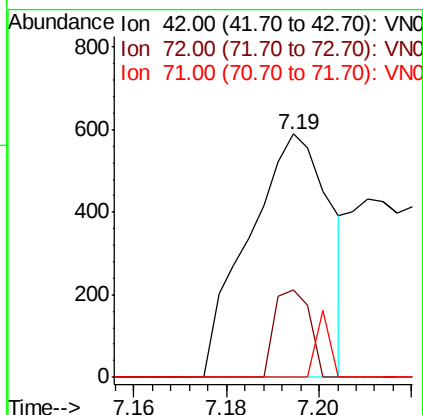
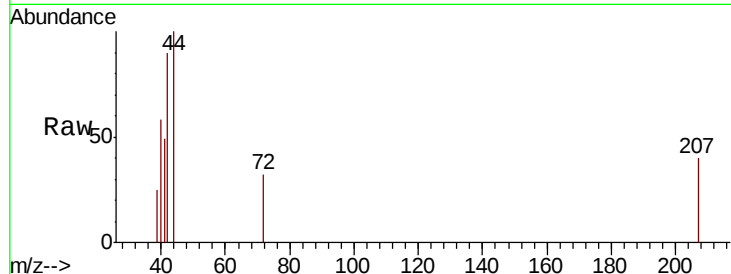




#29
Tetrahydrofuran
Concen: 0.360 ug/l
RT: 7.19 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VN059229.D
Acq: 14 Nov 2019 13:32

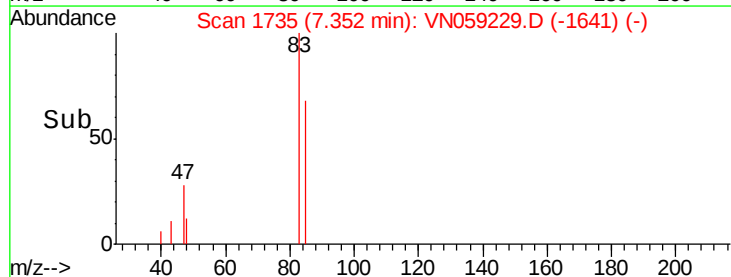
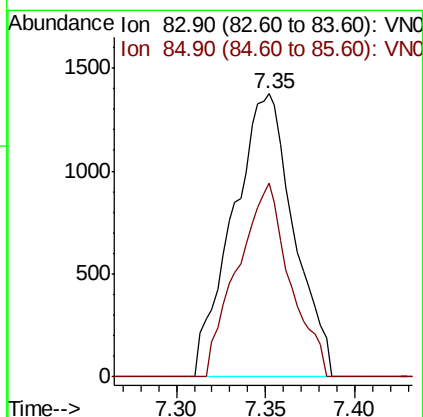
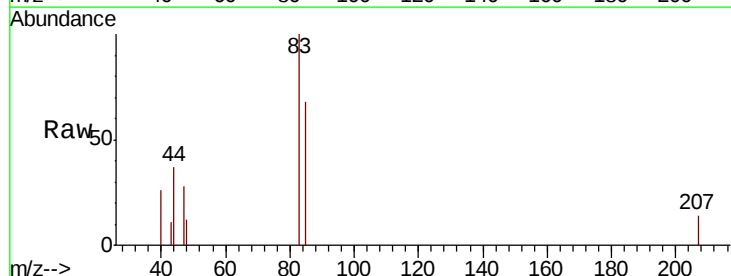
Instrument :
MSVOA_N
ClientSampled :

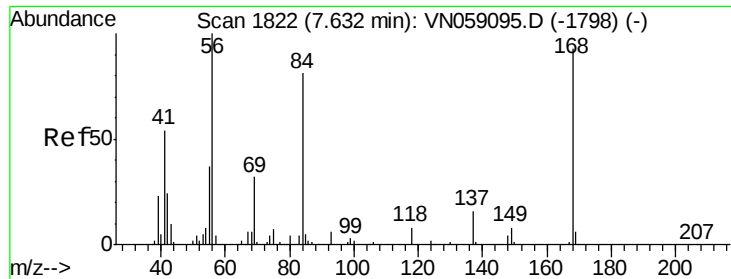
Tot Ion: 42 Resp: 721
Ion Ratio Lower Upper
42 100
72 15.5 33.1 49.7#
71 4.3 30.9 46.3#



#30
Chloroform
Concen: 0.453 ug/l
RT: 7.35 min Scan# 1735
Delta R.T. 0.00 min
Lab File: VN059229.D
Acq: 14 Nov 2019 13:32

Tgt Ion: 83 Resp: 3283
Ion Ratio Lower Upper
83 100
85 68.4 51.8 77.8

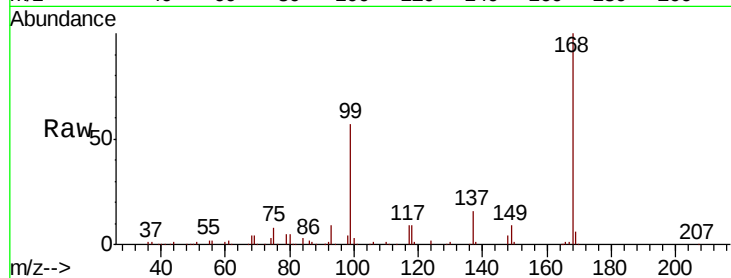




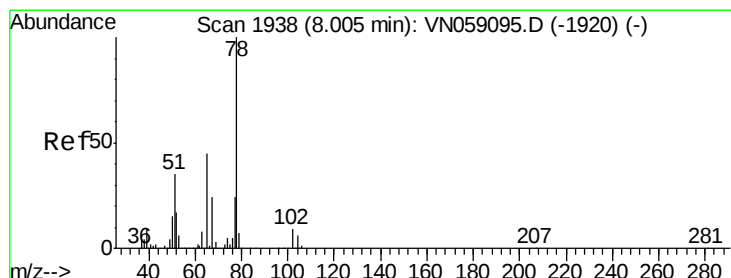
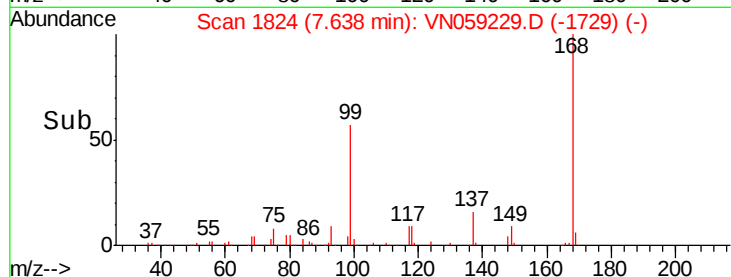
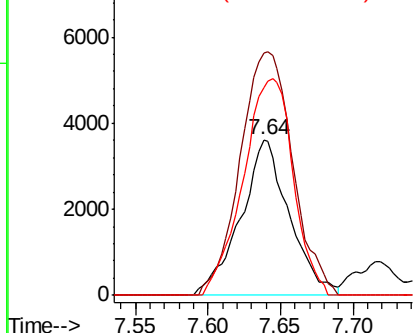
#31
Cyclohexane
Concen: 1.185 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. 0.01 min
Lab File: VN059229.D
Acq: 14 Nov 2019 13:32

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 8471
Ion Ratio Lower Upper
56 100
69 155.5 25.8 38.8#
84 133.7 65.0 97.4#

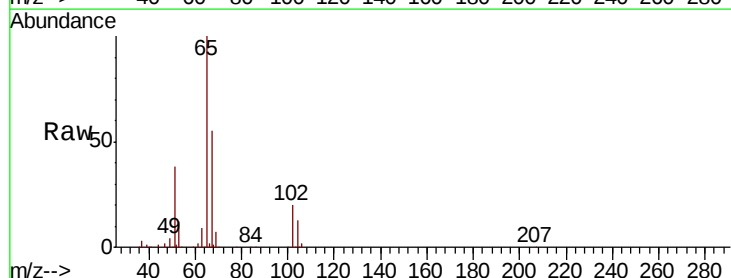


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

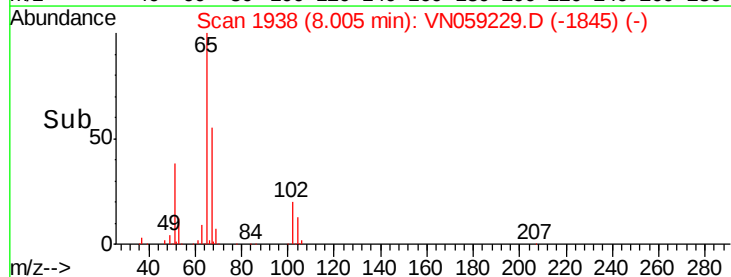
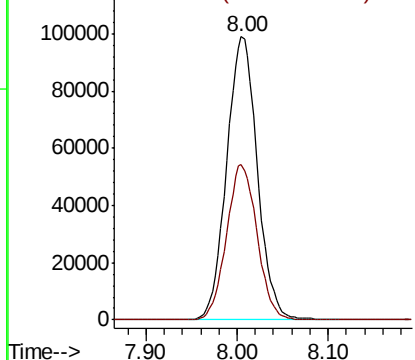


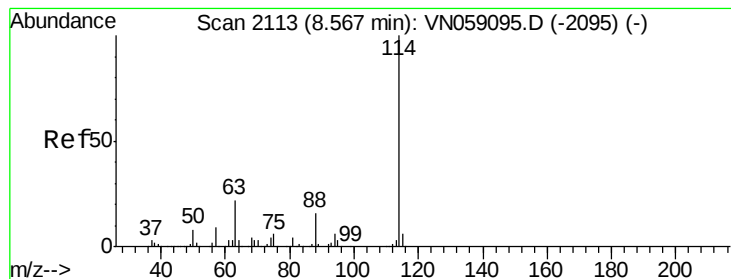
#33
1,2-Dichloroethane-d4
Concen: 50.381 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VN059229.D
Acq: 14 Nov 2019 13:32

Tgt Ion: 65 Resp: 231424
Ion Ratio Lower Upper
65 100
67 54.8 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VNO
Ion 66.90 (66.60 to 67.60): VNO





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VN059229.D

Acq: 14 Nov 2019 13:32

Instrument :

MSVOA_N

ClientSampleId :

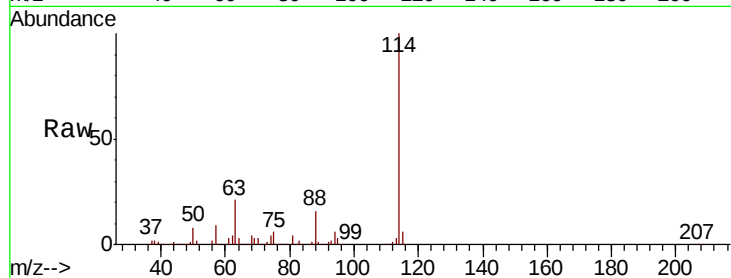
Tot Ion:114 Resp: 578672

Ion Ratio Lower Upper

114 100

63 21.0 0.0 43.4

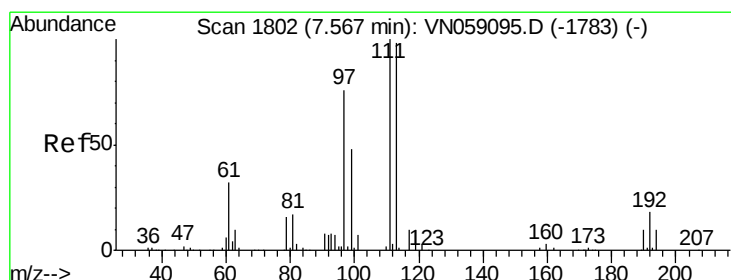
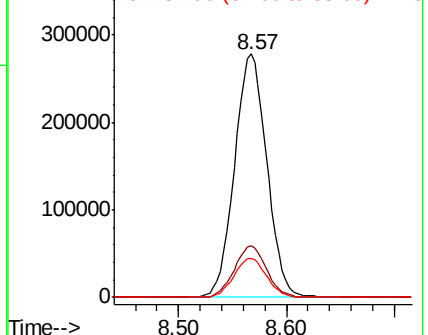
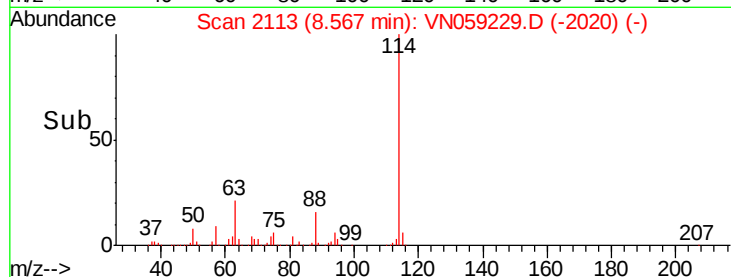
88 16.0 0.0 32.2



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: 52.419 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VN059229.D

Acq: 14 Nov 2019 13:32

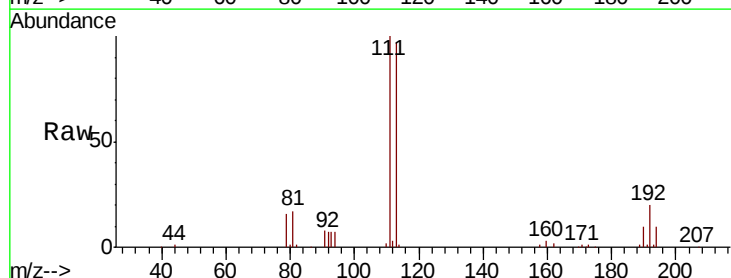
Tgt Ion:113 Resp: 181119

Ion Ratio Lower Upper

113 100

111 102.2 82.8 124.2

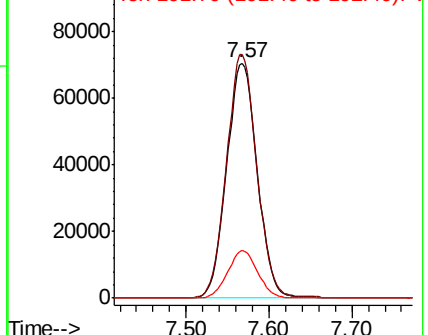
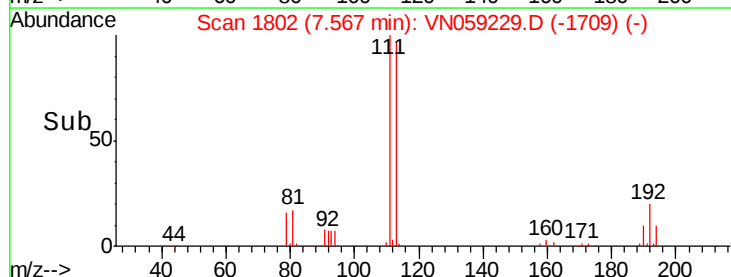
192 19.8 16.1 24.1

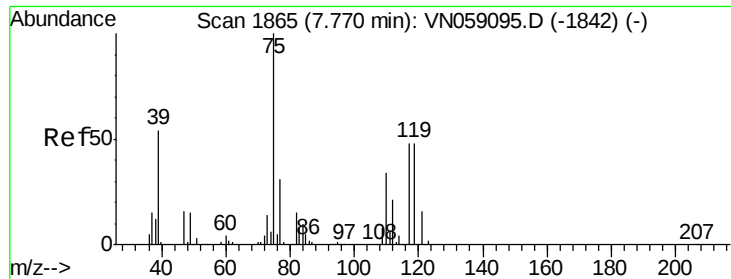


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

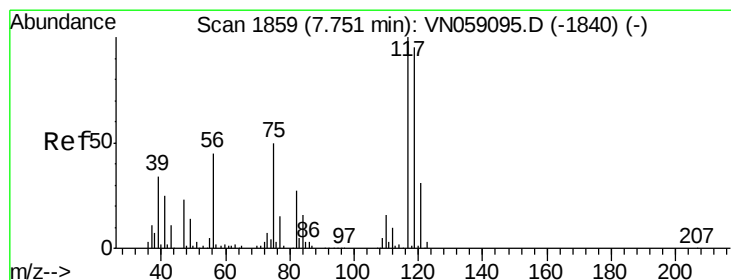
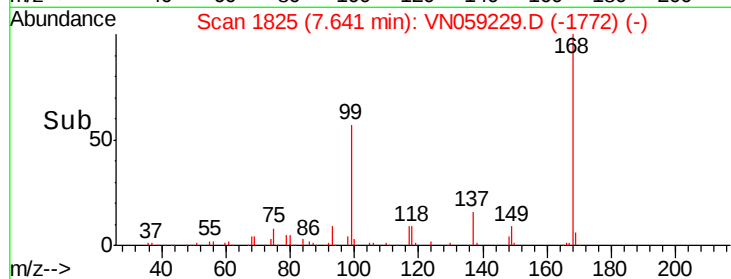
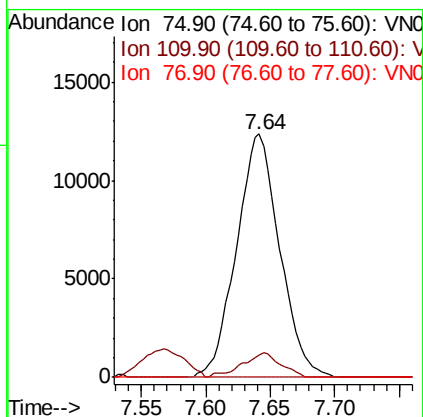
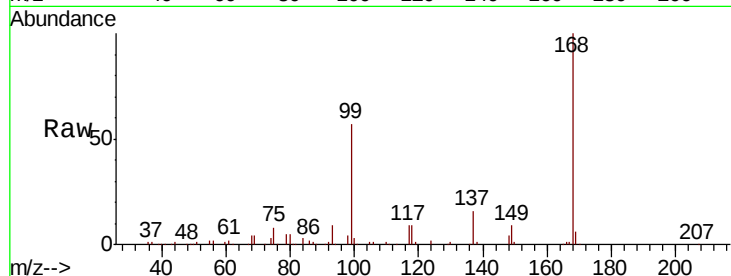




#36
 1,1-Dichloropropene
 Concen: 5.313 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.13 min
 Lab File: VN059229.D
 Acq: 14 Nov 2019 13:32

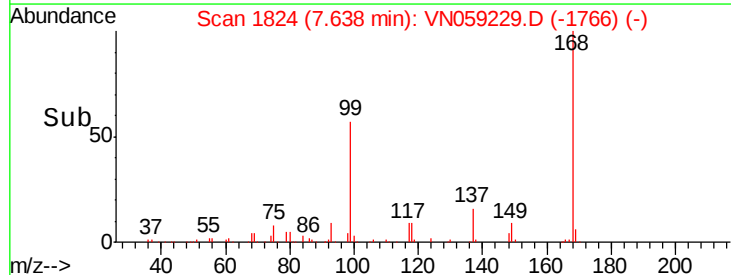
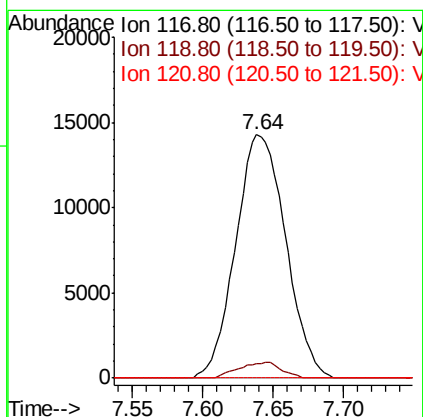
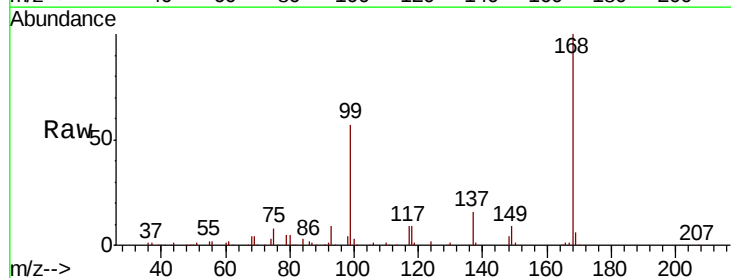
Instrument :
 MSVOA_N
 ClientSampled :

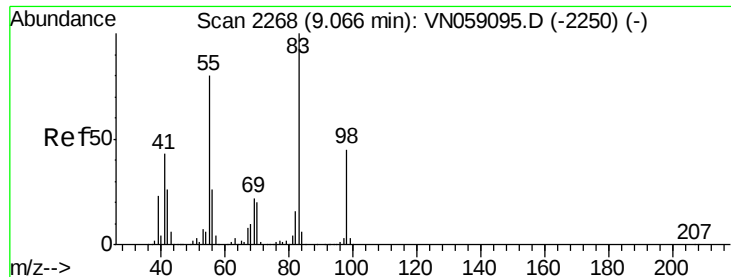
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.1	17.1	51.2#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.581 ug/l
 RT: 7.64 min Scan# 1824
 Delta R.T. -0.11 min
 Lab File: VN059229.D
 Acq: 14 Nov 2019 13:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.8	75.6	113.4#
121	0.0	24.6	36.8#

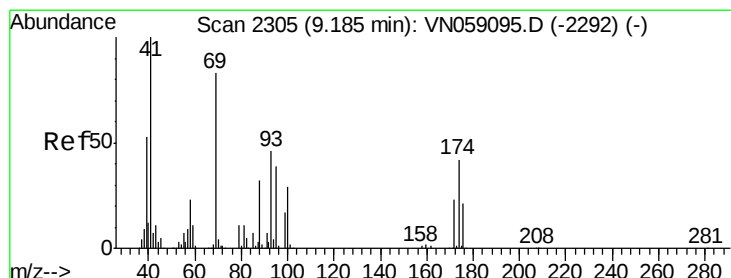
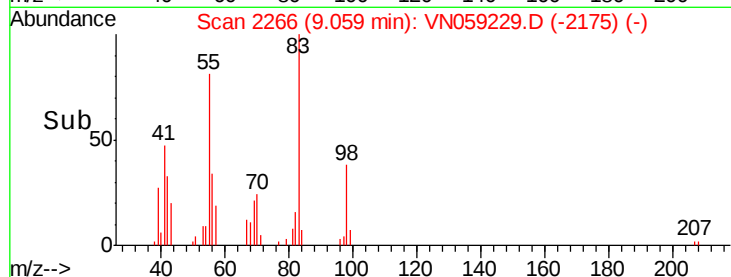
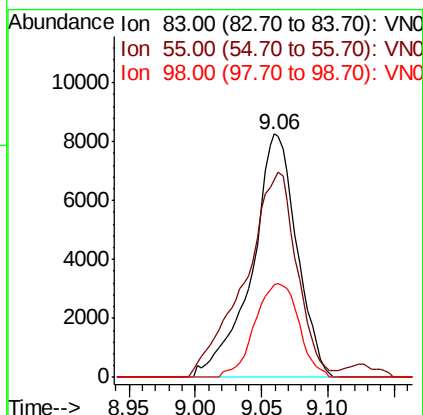
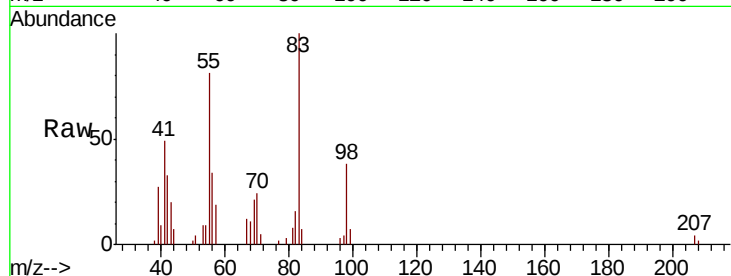




#39
Methylcyclohexane
Concen: 3.114 ug/l
RT: 9.06 min Scan# 2266
Delta R.T. -0.01 min
Lab File: VN059229.D
Acq: 14 Nov 2019 13:32

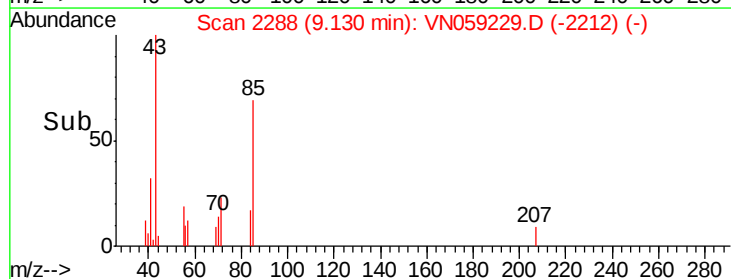
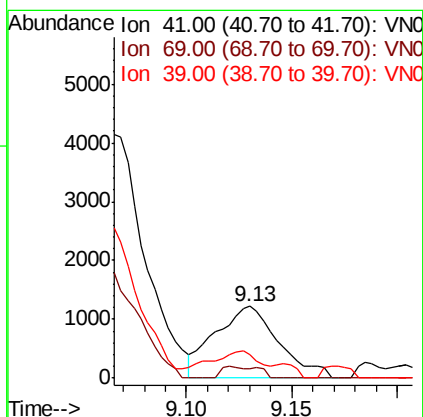
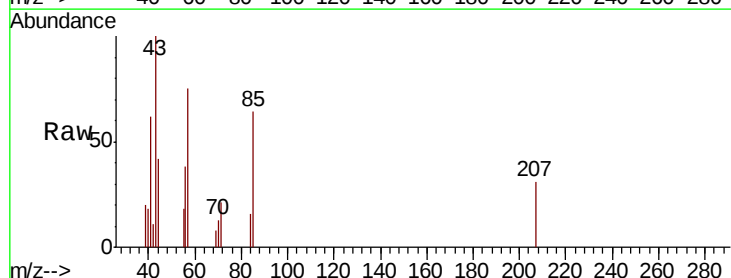
Instrument :
MSVOA_N
ClientSampled :

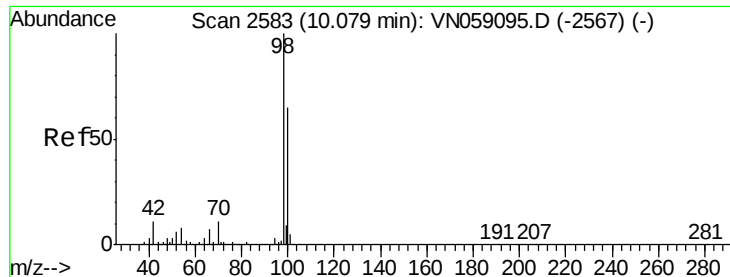
Tot Ion: 83 Resp: 19549
Ion Ratio Lower Upper
83 100
55 81.0 63.9 95.9
98 38.1 35.6 53.4



#48
Methyl methacrylate
Concen: 0.598 ug/l
RT: 9.13 min Scan# 2288
Delta R.T. -0.05 min
Lab File: VN059229.D
Acq: 14 Nov 2019 13:32

Tgt Ion: 41 Resp: 2564
Ion Ratio Lower Upper
41 100
69 9.2 67.3 100.9#
39 15.9 43.3 64.9#





#50

Toluene-d8

Concen: 53.009 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN059229.D

Acq: 14 Nov 2019 13:32

Instrument :

MSVOA_N

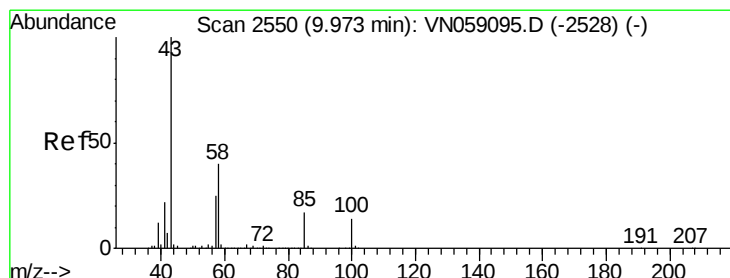
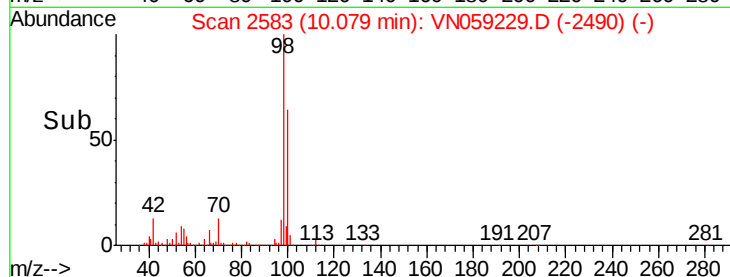
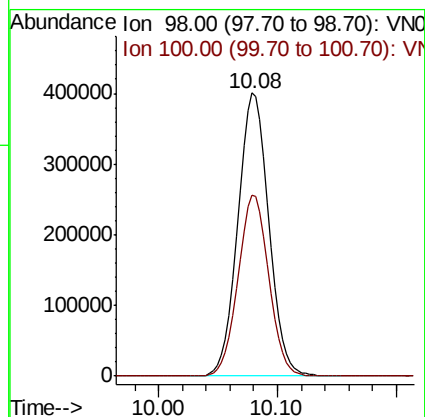
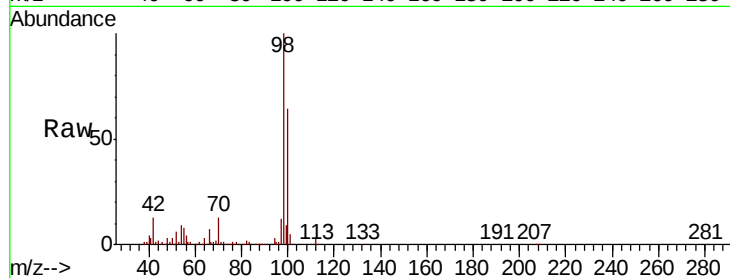
ClientSampled :

Tot Ion: 98 Resp: 721439

Ion Ratio Lower Upper

98 100

100 63.7 52.2 78.2



#51

4-Methyl-2-Pentanone

Concen: 0.385 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.01 min

Lab File: VN059229.D

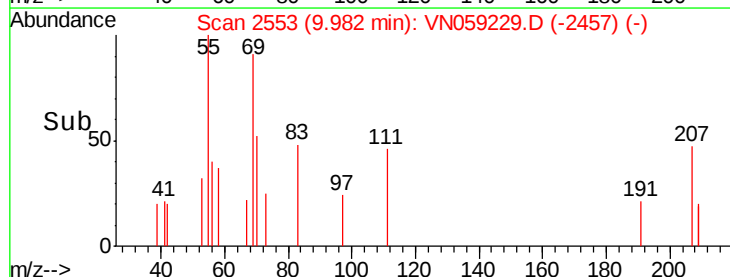
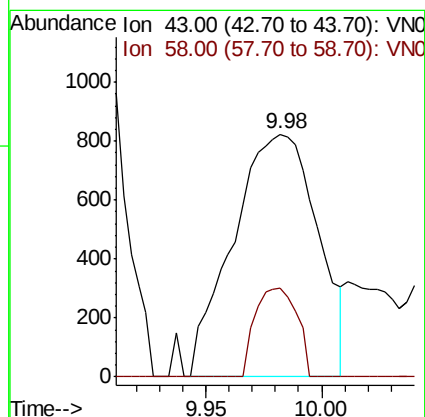
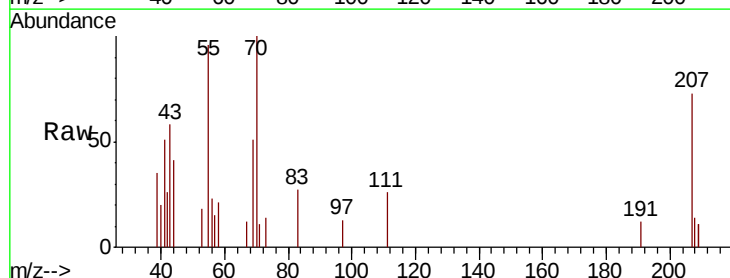
Acq: 14 Nov 2019 13:32

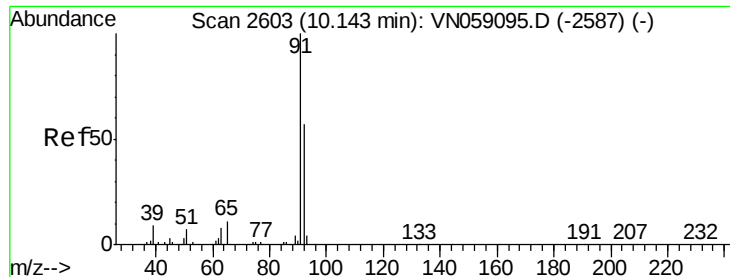
Tgt Ion: 43 Resp: 2089

Ion Ratio Lower Upper

43 100

58 18.0 31.5 47.3#





#52

Toluene

Concen: 0.274 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VN059229.D

Acq: 14 Nov 2019 13:32

Instrument :

MSVOA_N

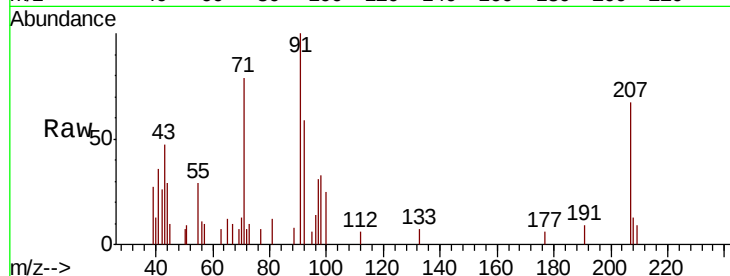
ClientSampled :

Tot Ion: 92 Resp: 2674

Ion Ratio Lower Upper

92 100

91 169.4 139.5 209.3



Abundance Ion 92.00 (91.70 to 92.70): VN059095.D (-2587) (-)

Ion 91.00 (90.70 to 91.70): VN059095.D (-2587) (-)

3000

2500

2000

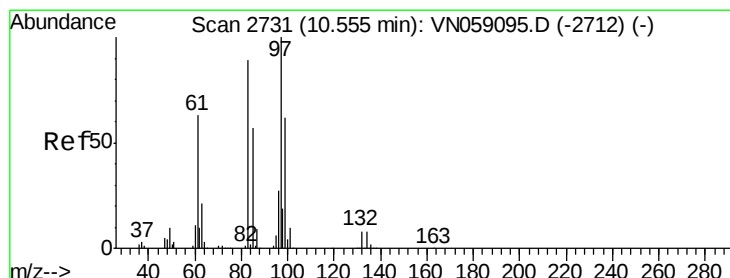
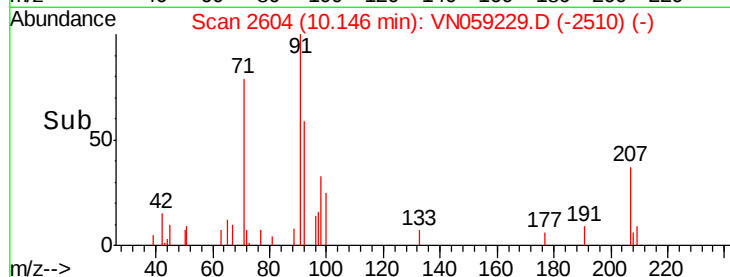
1500

1000

500

0

Time-->



#55

1,1,2-Trichloroethane

Concen: 8.884 ug/l

RT: 10.52 min Scan# 2721

Delta R.T. -0.03 min

Lab File: VN059229.D

Acq: 14 Nov 2019 13:32

Tgt Ion: 97 Resp: 35102

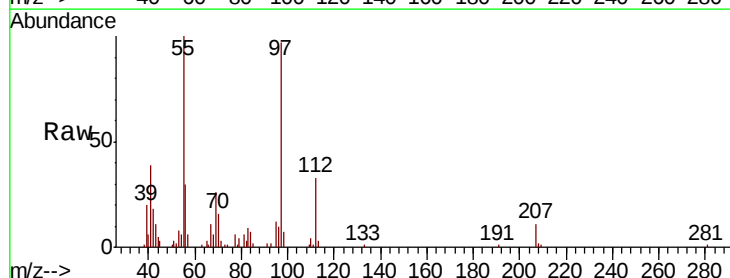
Ion Ratio Lower Upper

97 100

83 9.3 71.0 106.4#

85 1.7 45.8 68.8#

99 0.0 49.4 74.0#



Abundance Ion 96.90 (96.60 to 97.60): VN059095.D (-2712) (-)

Ion 82.90 (82.60 to 83.60): VN059095.D (-2712) (-)

Ion 84.90 (84.60 to 85.60): VN059095.D (-2712) (-)

Ion 98.90 (98.60 to 99.60): VN059095.D (-2712) (-)

40000

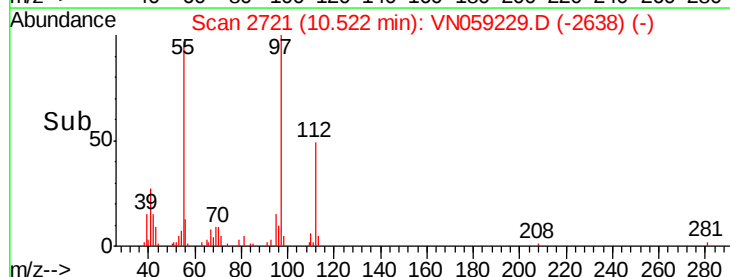
30000

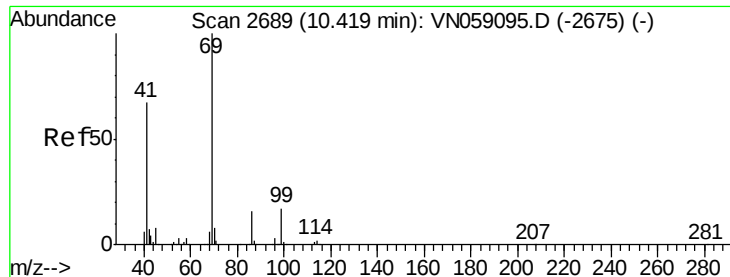
20000

10000

0

Time-->





#56

Ethyl methacrylate

Concen: 4.203 ug/l

RT: 10.42 min Scan# 2690

Delta R.T. 0.00 min

Lab File: VN059229.D

Acq: 14 Nov 2019 13:32

Instrument :

MSVOA_N

ClientSampleId :

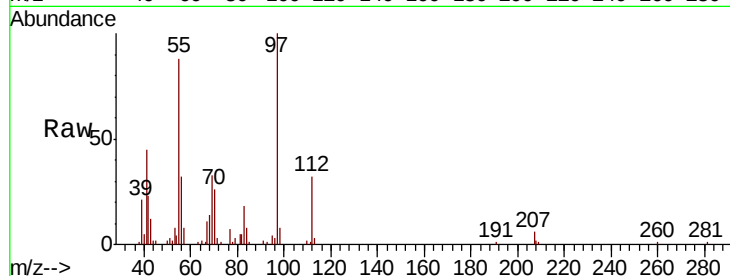
Tot Ion: 69 Resp: 15953

Ion Ratio Lower Upper

69 100

41 155.6 53.6 80.4#

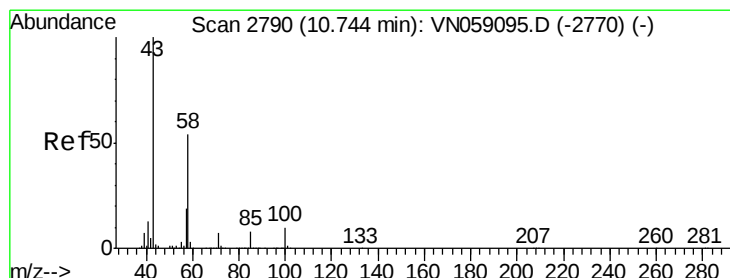
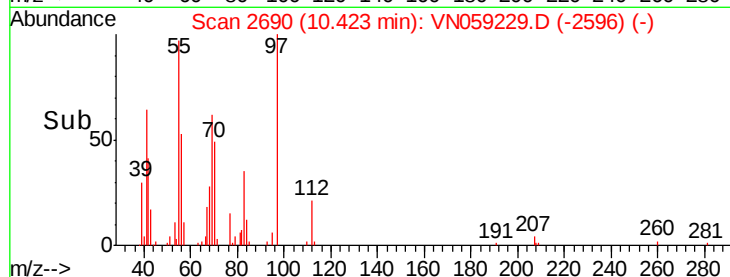
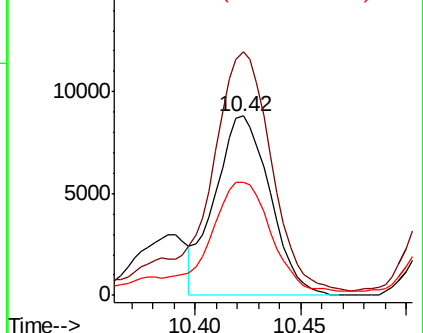
39 73.2 26.2 39.4#



Abundance Ion 69.00 (68.70 to 69.70): VN059229.D (-2696) (-)

Ion 41.00 (40.70 to 41.70): VN059229.D (-2696) (-)

Ion 39.00 (38.70 to 39.70): VN059229.D (-2696) (-)



#59

2-Hexanone

Concen: 8.899 ug/l

RT: 10.71 min Scan# 2780

Delta R.T. -0.03 min

Lab File: VN059229.D

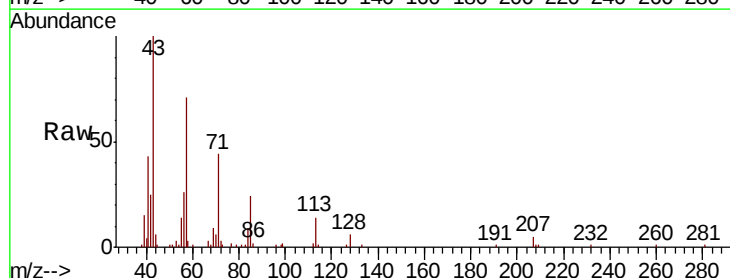
Acq: 14 Nov 2019 13:32

Tgt Ion: 43 Resp: 37076

Ion Ratio Lower Upper

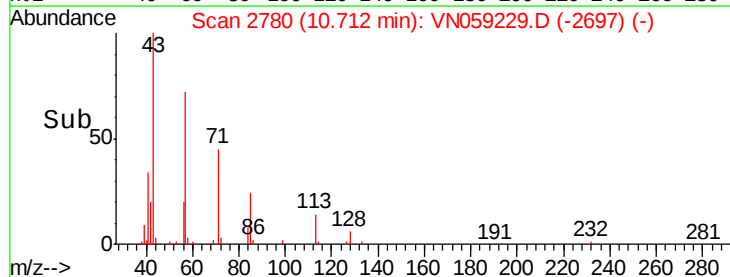
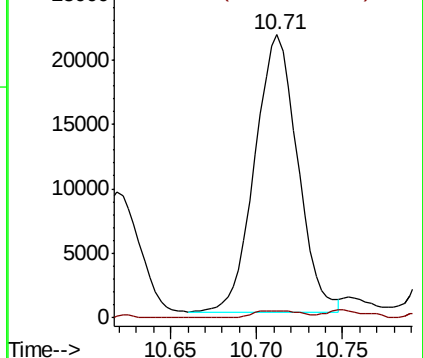
43 100

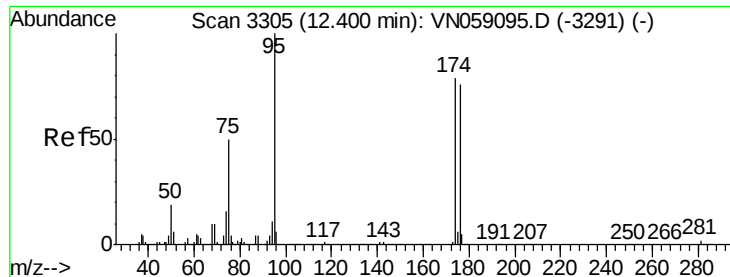
58 3.0 27.3 81.8#



Abundance Ion 43.00 (42.70 to 43.70): VN059229.D (-2697) (-)

Ion 58.00 (57.70 to 58.70): VN059229.D (-2697) (-)

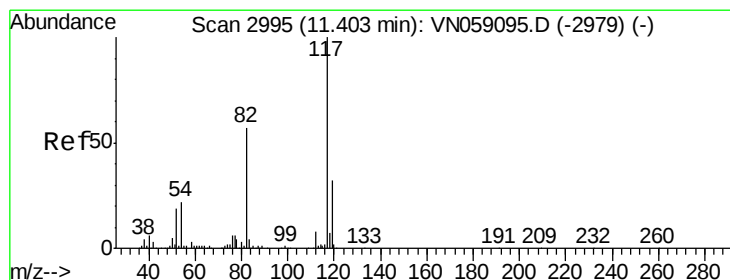
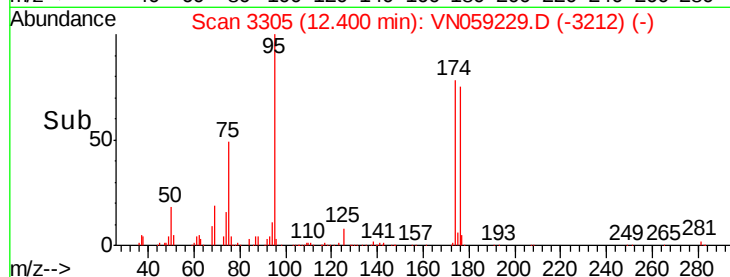
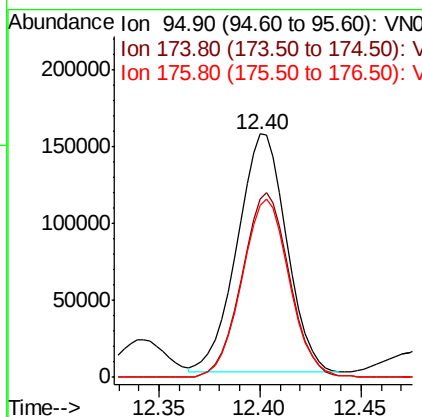
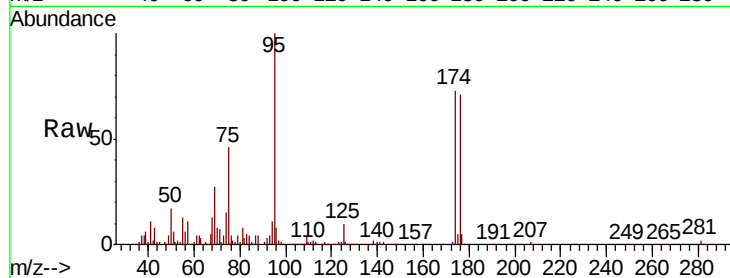




#62
4-Bromofluorobenzene
Concen: 54.013 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN059229.D
Acq: 14 Nov 2019 13:32

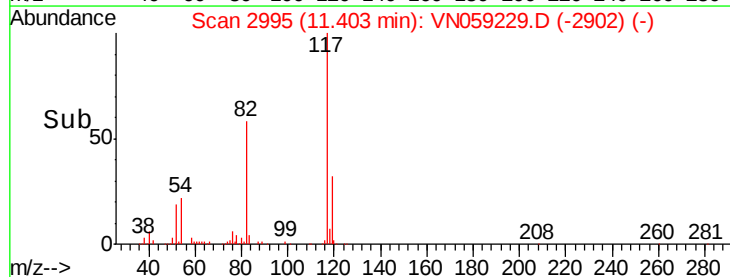
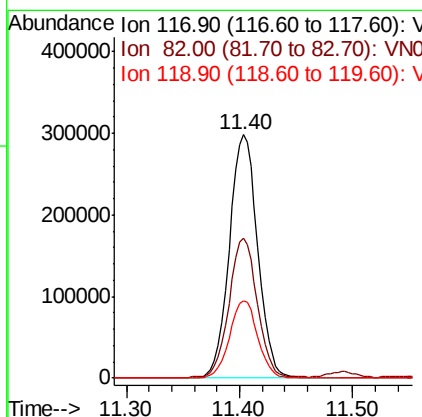
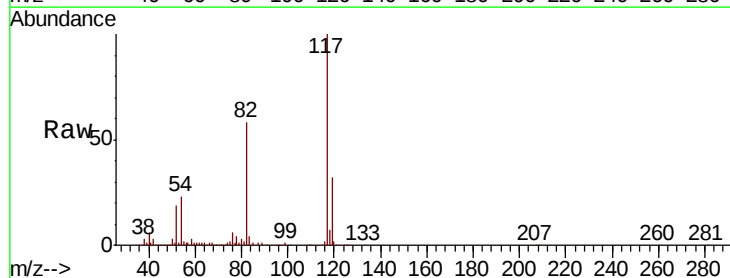
Instrument :
MSVOA_N
ClientSampled :

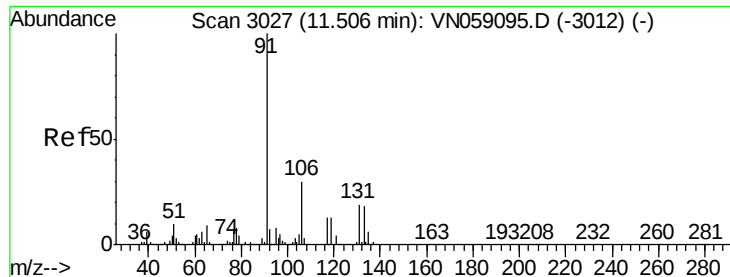
Tot Ion	Ratio	Lower	Upper
95	100		
174	74.9	0.0	158.2
176	72.5	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059229.D
Acq: 14 Nov 2019 13:32

Tgt Ion	Ratio	Lower	Upper
117	100		
82	57.2	45.8	68.8
119	31.9	25.8	38.6

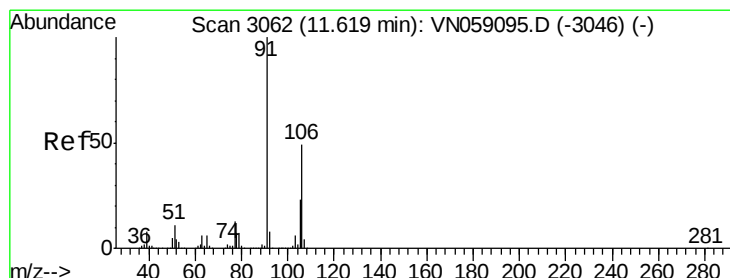
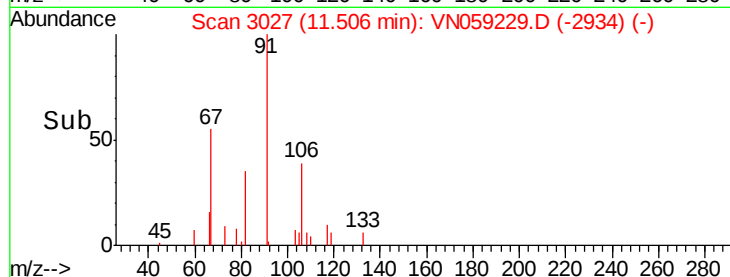
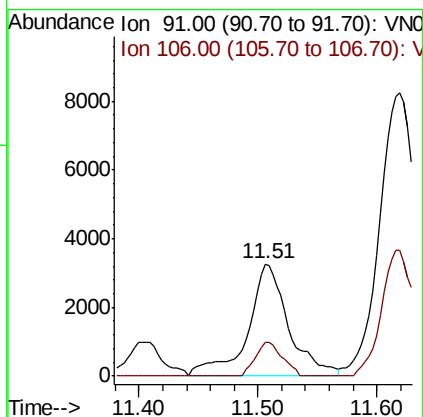
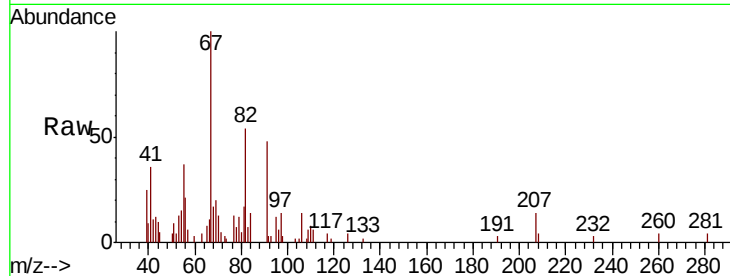




#67
Ethyl Benzene
Concen: 0.433 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN059229.D
Acq: 14 Nov 2019 13:32

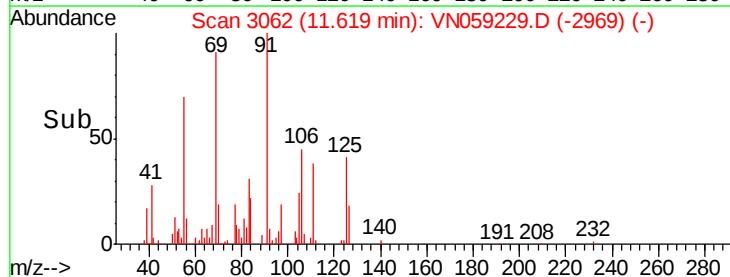
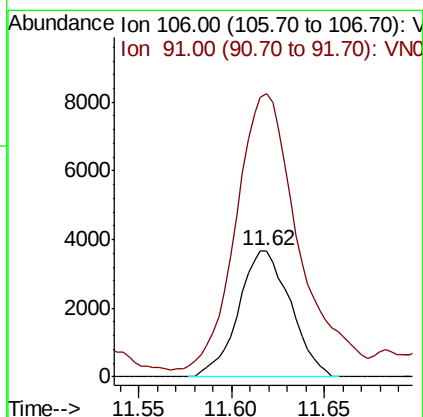
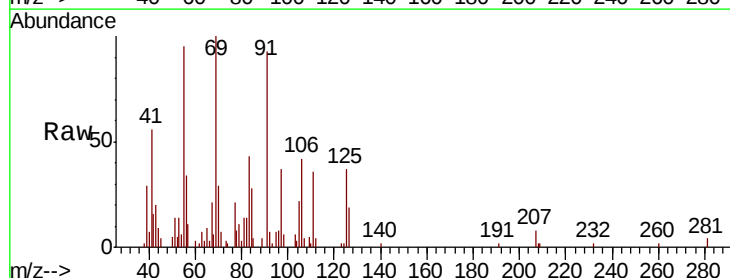
Instrument :
MSVOA_N
ClientSampleId :

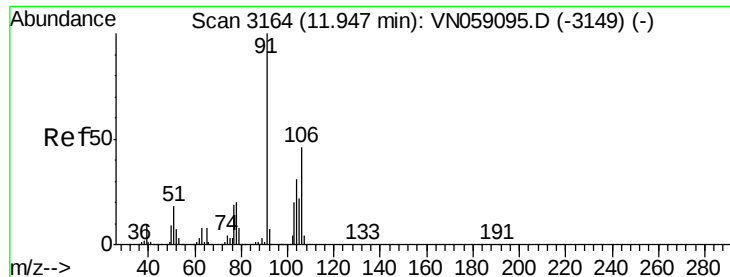
Tot Ion: 91 Resp: 7768
Ion Ratio Lower Upper
91 100
106 29.9 24.1 36.1



#68
m/p-Xylenes
Concen: 1.067 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN059229.D
Acq: 14 Nov 2019 13:32

Tgt Ion: 106 Resp: 7167
Ion Ratio Lower Upper
106 100
91 257.9 164.7 247.1#

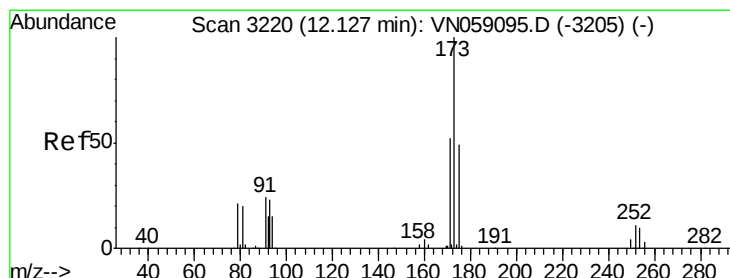
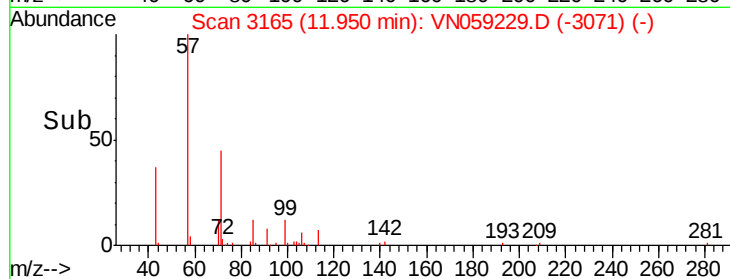
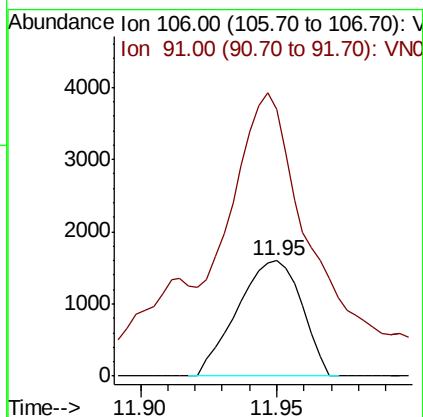
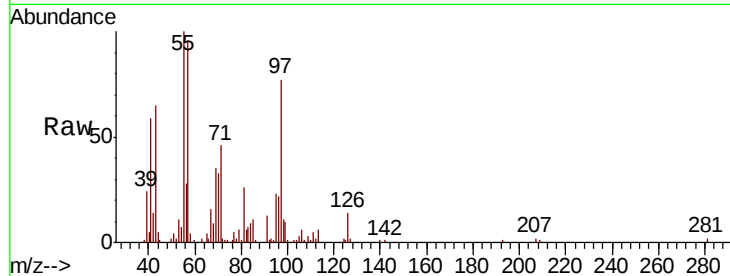




#69
o-Xylene
Concen: 0.404 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN059229.D
Acq: 14 Nov 2019 13:32

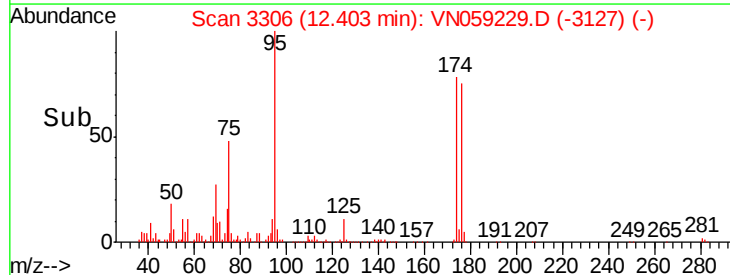
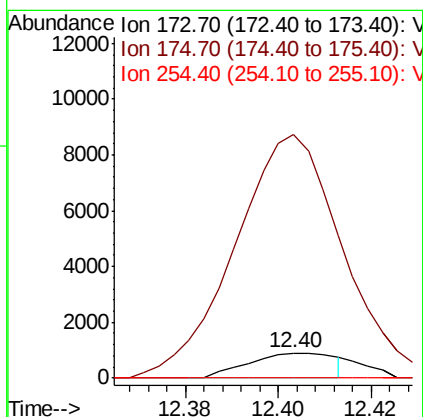
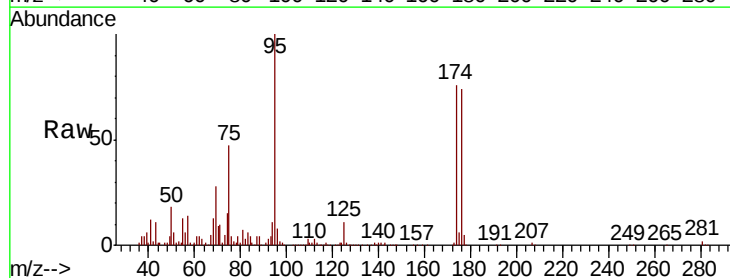
Instrument :
MSVOA_N
ClientSampled :

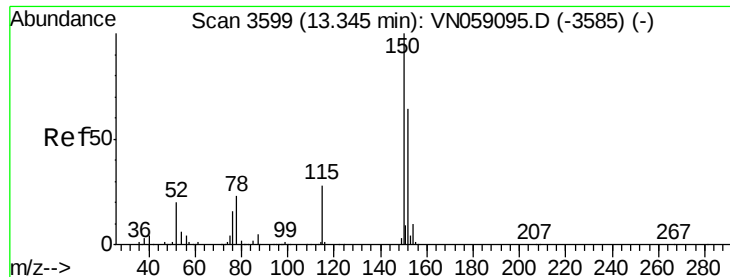
Tot Ion:106 Resp: 2621
Ion Ratio Lower Upper
106 100
91 249.5 110.1 330.3



#71
Bromoform
Concen: 0.402 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN059229.D
Acq: 14 Nov 2019 13:32

Tgt Ion:173 Resp: 1184
Ion Ratio Lower Upper
173 100
175 1034.3 24.2 72.6#
254 0.0 0.1 0.1#



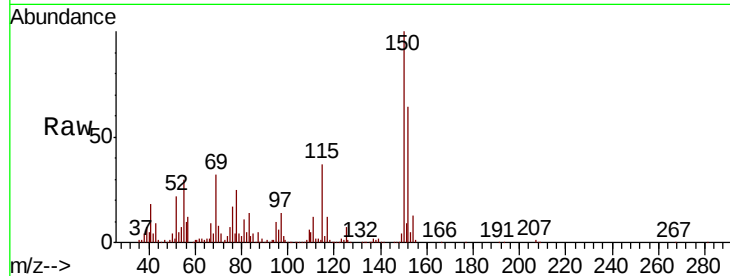


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN059229.D
Acq: 14 Nov 2019 13:32

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.3	29.4	88.2
150	146.1	0.0	345.8

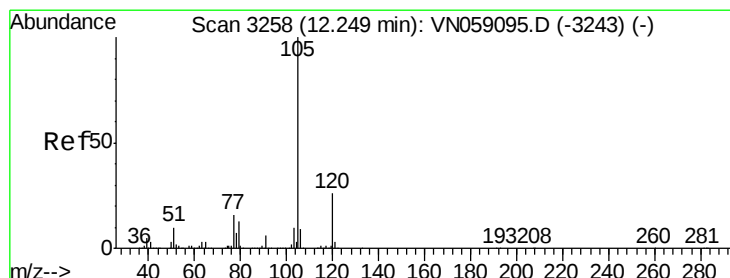
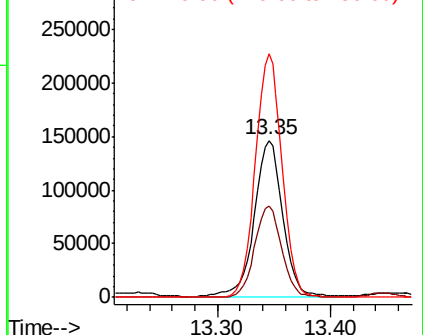
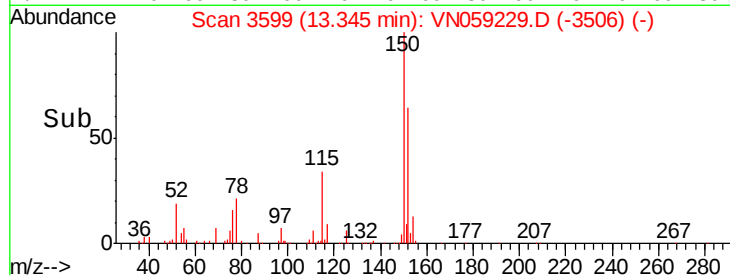


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

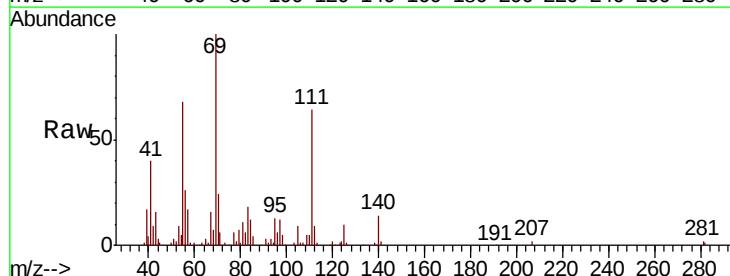
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene
Concen: 0.437 ug/l
RT: 12.25 min Scan# 3257
Delta R.T. -0.00 min
Lab File: VN059229.D
Acq: 14 Nov 2019 13:32

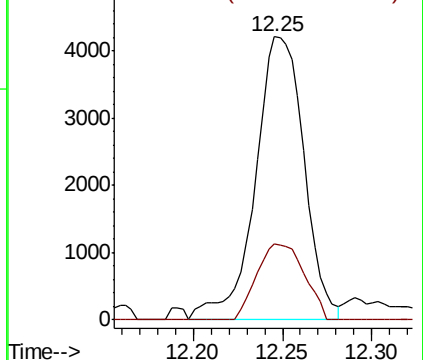
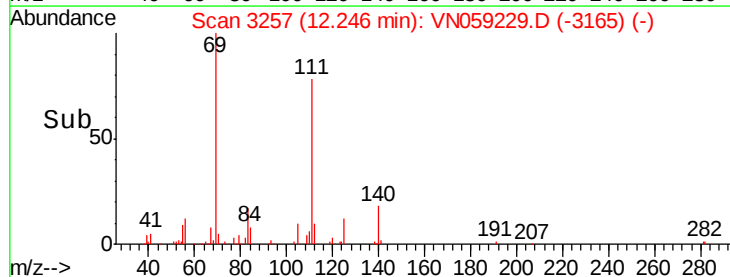
Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.1	13.1	39.3

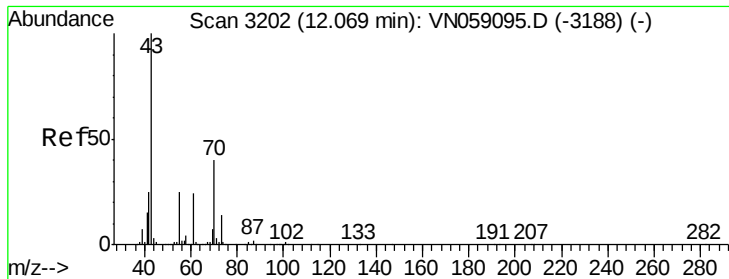


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 13.202 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.03 min

Lab File: VN059229.D

Acq: 14 Nov 2019 13:32

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 43 Resp: 102849

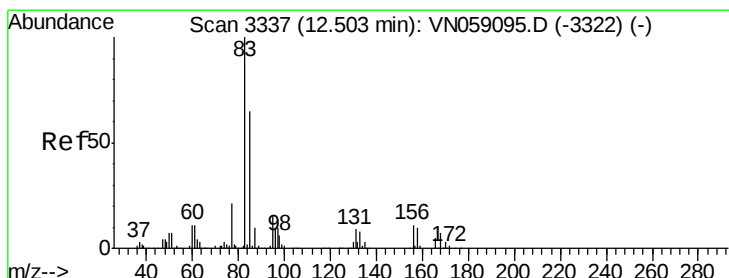
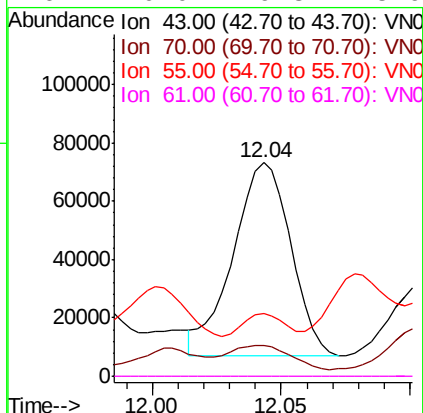
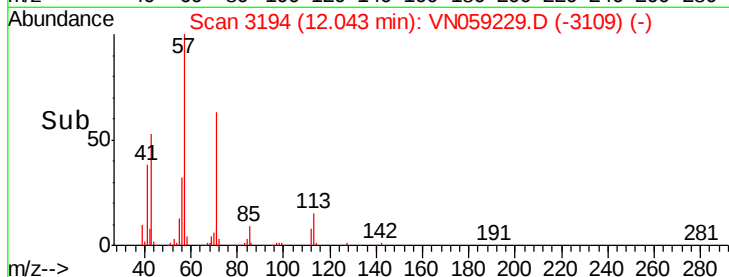
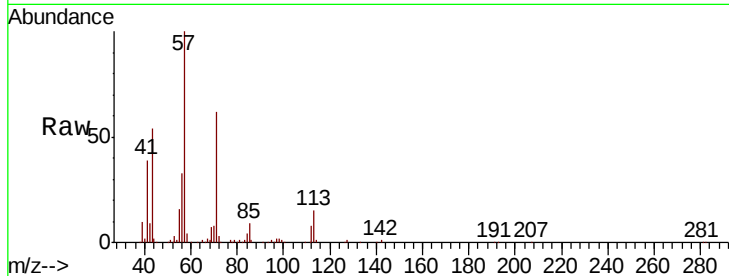
Ion Ratio Lower Upper

43 100

70 13.0 32.2 48.4#

55 8.7 20.4 30.6#

61 0.0 19.3 28.9#



#75

1,1,2,2-Tetrachloroethane

Concen: 1.924 ug/l

RT: 12.47 min Scan# 3326

Delta R.T. -0.04 min

Lab File: VN059229.D

Acq: 14 Nov 2019 13:32

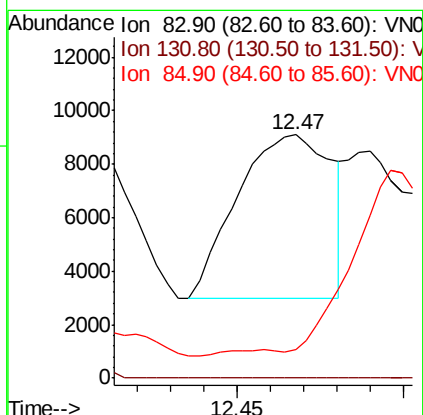
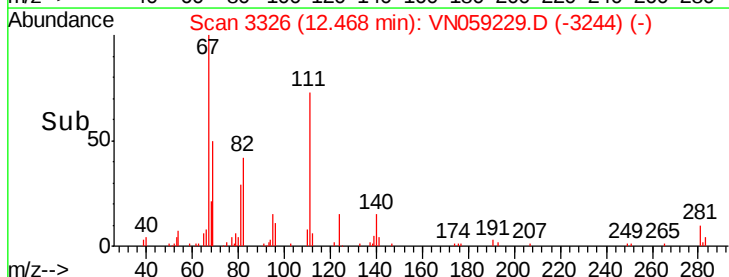
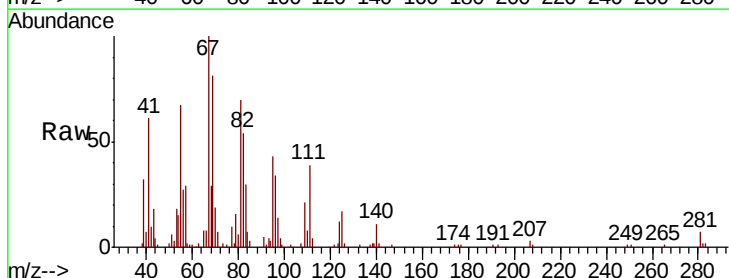
Tgt Ion: 83 Resp: 12044

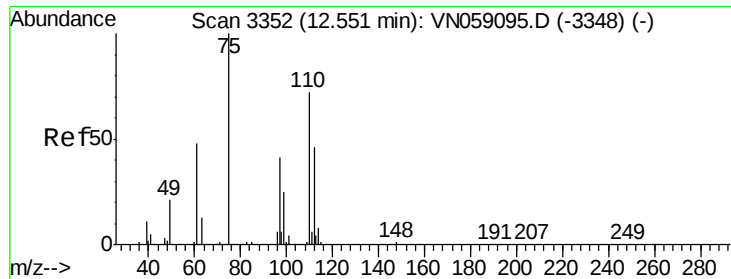
Ion Ratio Lower Upper

83 100

131 0.0 4.9 14.6#

85 0.0 32.4 97.2#





#76

1,2,3-Trichloropropane

Concen: 21.523 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN059229.D

Acq: 14 Nov 2019 13:32

Instrument :

MSVOA_N

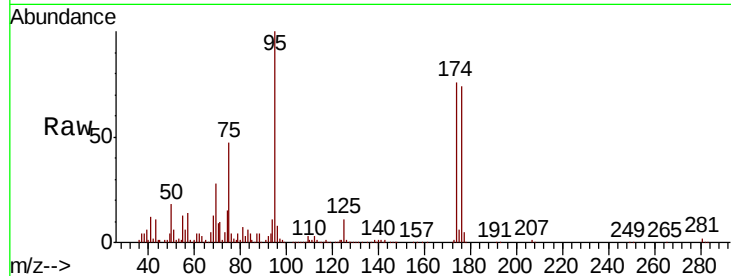
ClientSampled :

Tot Ion: 75 Resp: 123850

Ion Ratio Lower Upper

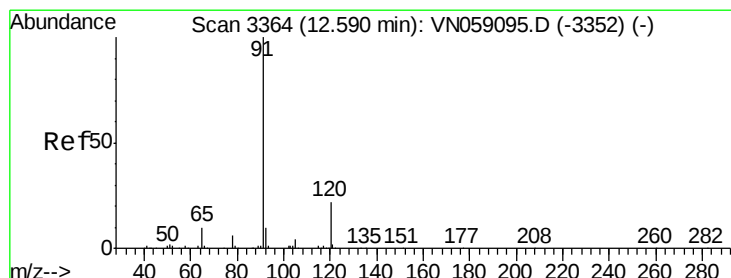
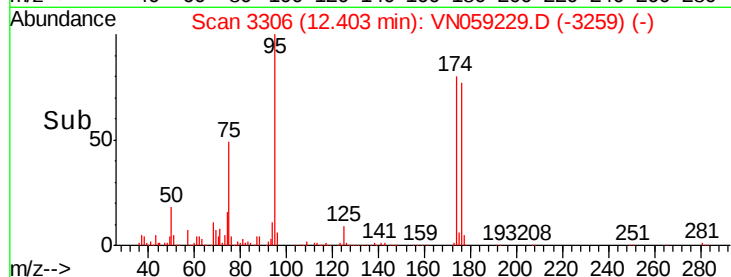
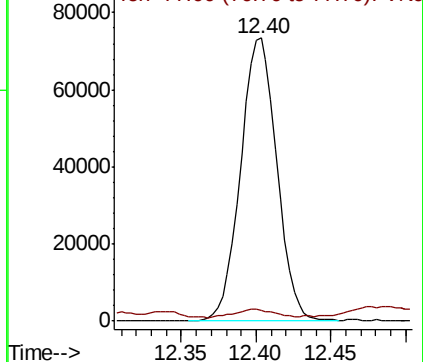
75 100

77 3.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#78

n-propylbenzene

Concen: 0.566 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN059229.D

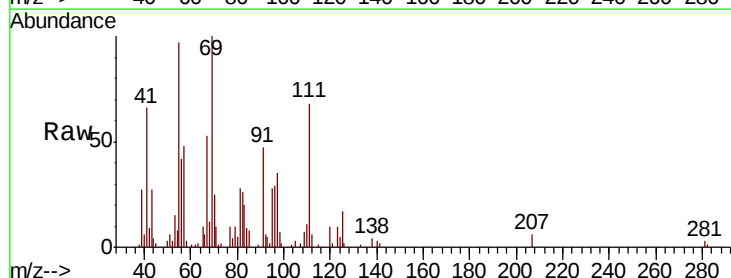
Acq: 14 Nov 2019 13:32

Tgt Ion: 91 Resp: 11906

Ion Ratio Lower Upper

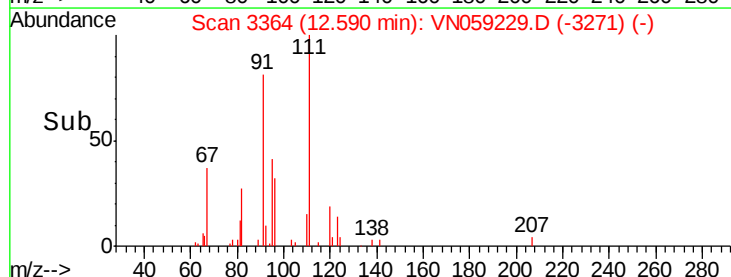
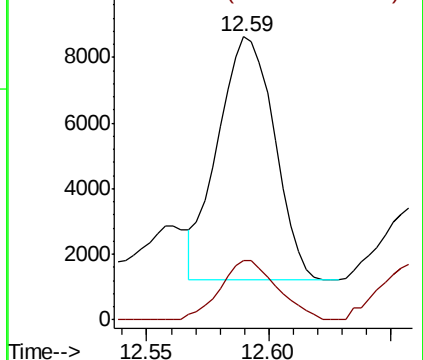
91 100

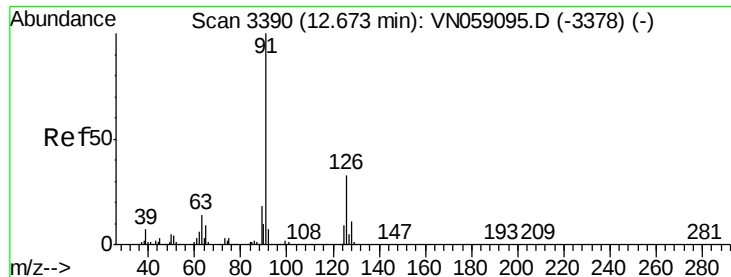
120 24.7 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

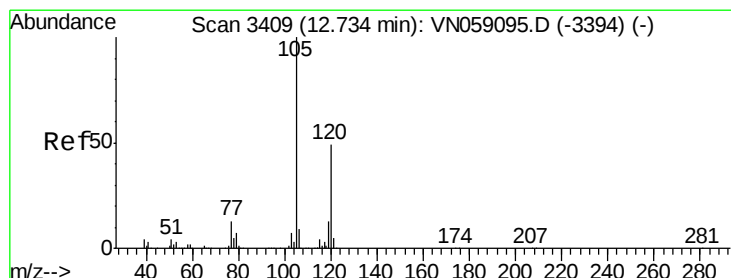
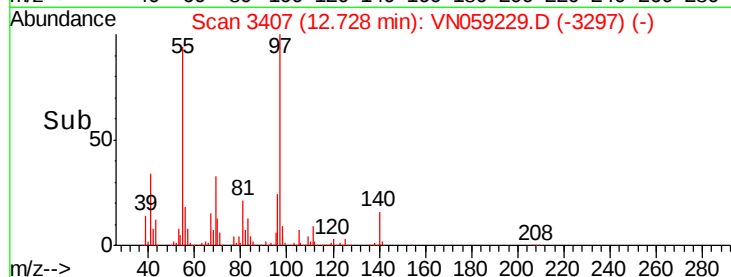
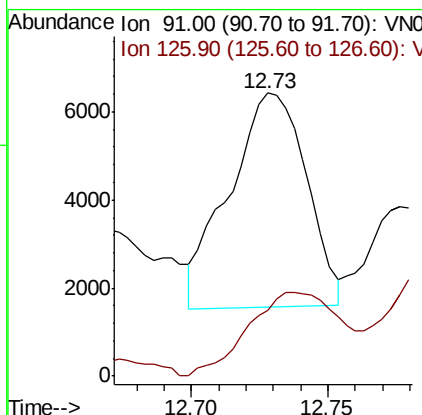
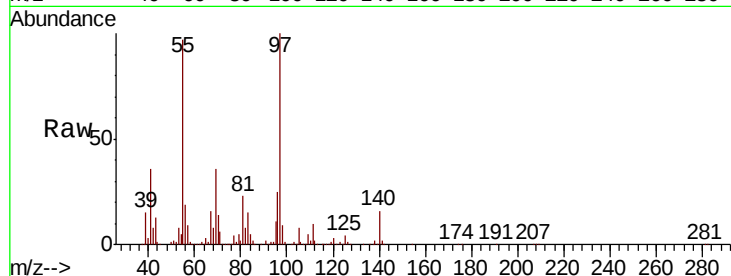




#79
 2-Chlorotoluene
 Concen: 0.730 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. 0.05 min
 Lab File: VN059229.D
 Acq: 14 Nov 2019 13:32

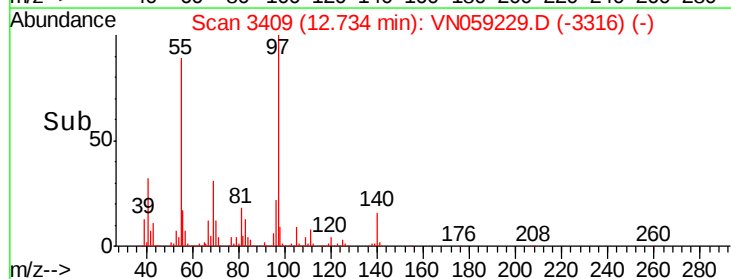
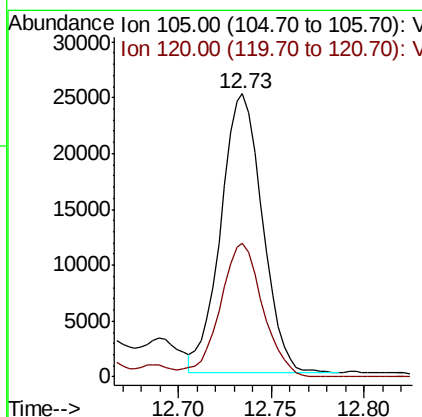
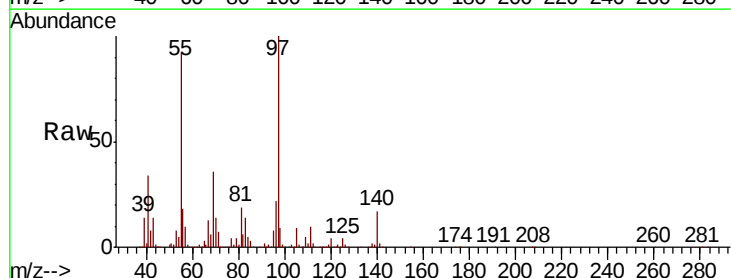
Instrument :
 MSVOA_N
 ClientSampleId :

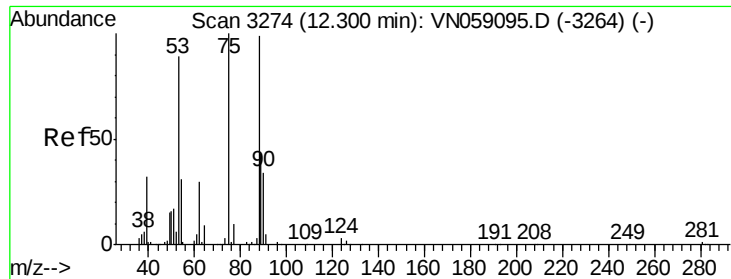
Tot Ion: 91 Resp: 9527
 Ion Ratio Lower Upper
 91 100
 126 46.0 16.7 50.1



#80
 1,3,5-Trimethylbenzene
 Concen: 2.502 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. -0.00 min
 Lab File: VN059229.D
 Acq: 14 Nov 2019 13:32

Tgt Ion: 105 Resp: 38976
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.0 72.0





#81

trans-1,4-Dichloro-2-butene

Concen: 56.848 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN059229.D

Acq: 14 Nov 2019 13:32

Instrument :

MSVOA_N

ClientSampleId :

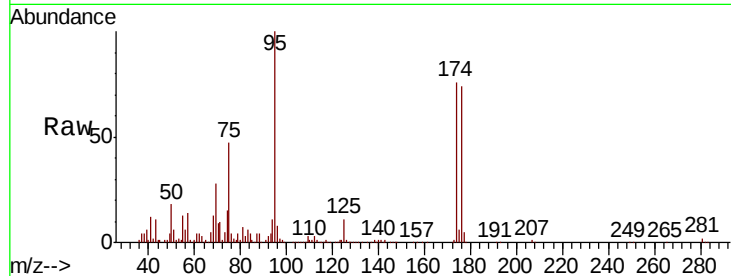
Tot Ion: 75 Resp: 123850

Ion Ratio Lower Upper

75 100

53 4.1 72.2 108.2#

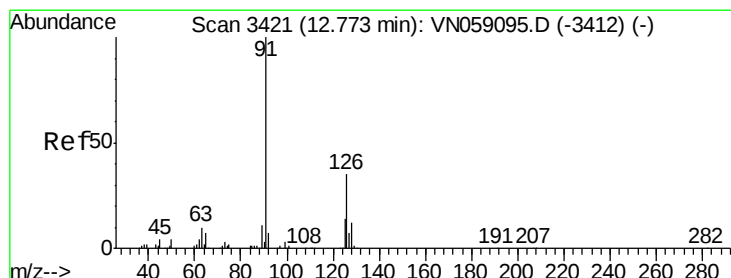
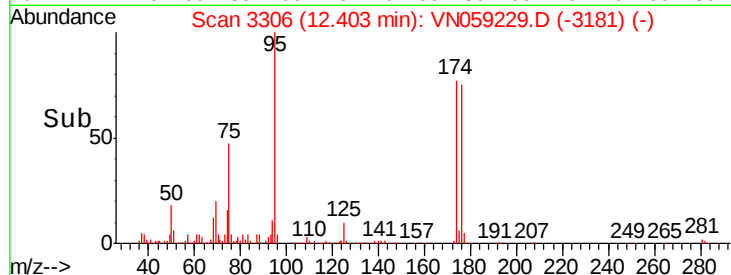
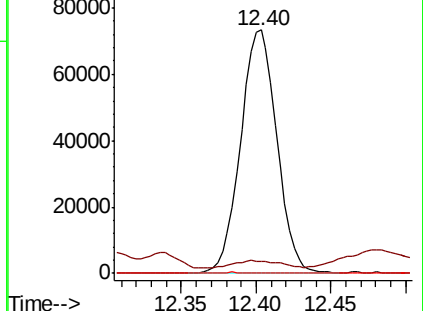
89 0.1 35.8 53.8#



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: 2.566 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.27 min

Lab File: VN059229.D

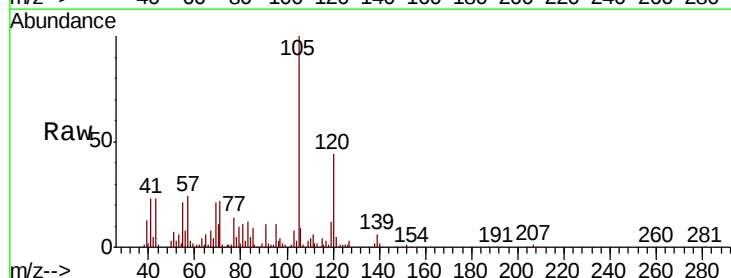
Acq: 14 Nov 2019 13:32

Tgt Ion: 91 Resp: 33609

Ion Ratio Lower Upper

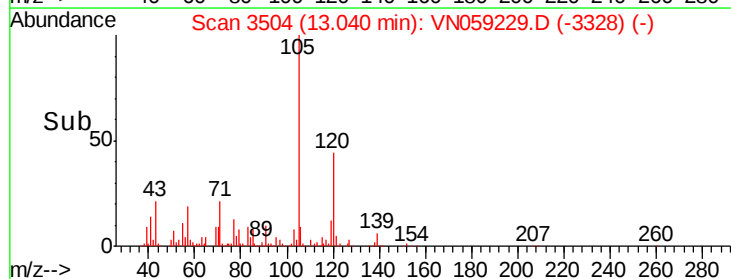
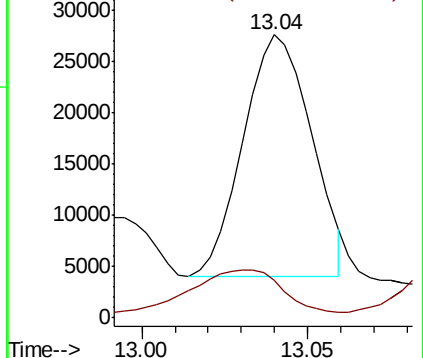
91 100

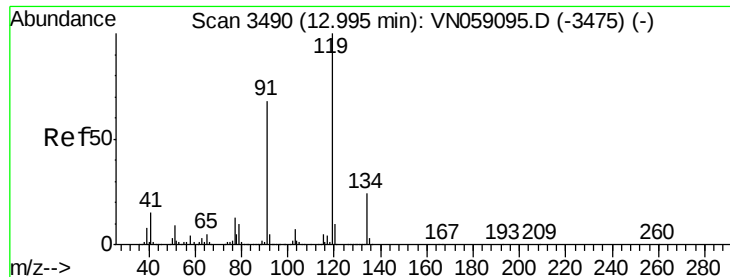
126 23.4 16.1 48.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

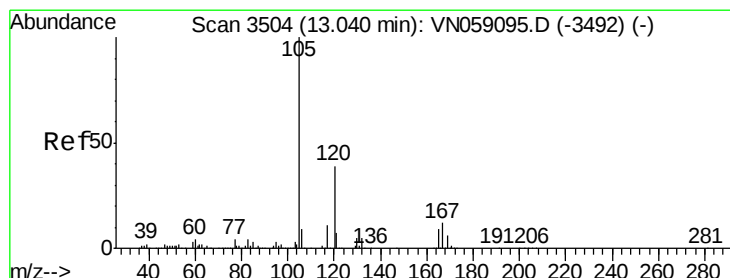
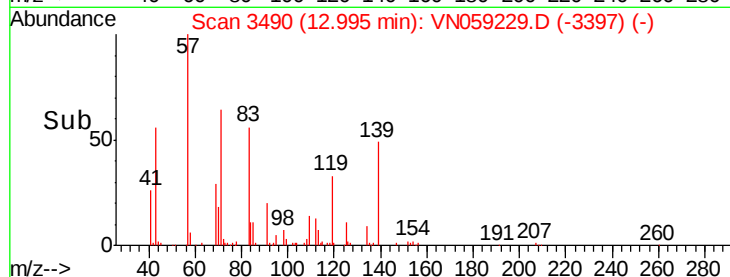
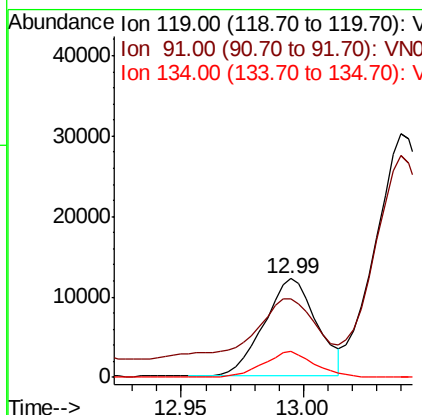
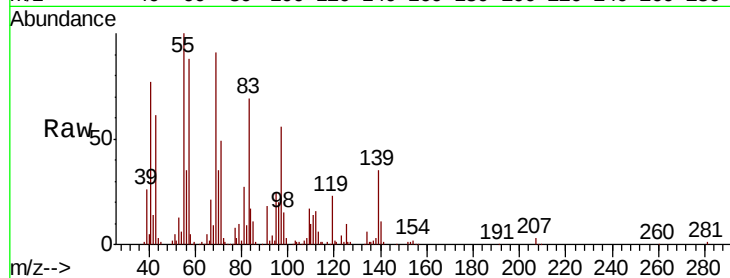




#83
tert-Butylbenzene
Concen: 1.350 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. -0.00 min
Lab File: VN059229.D
Acq: 14 Nov 2019 13:32

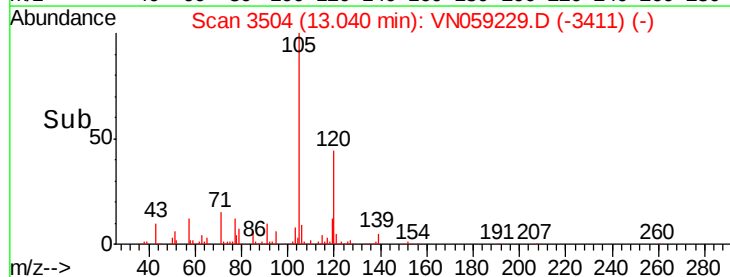
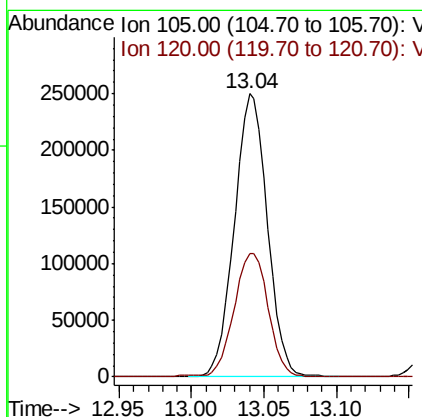
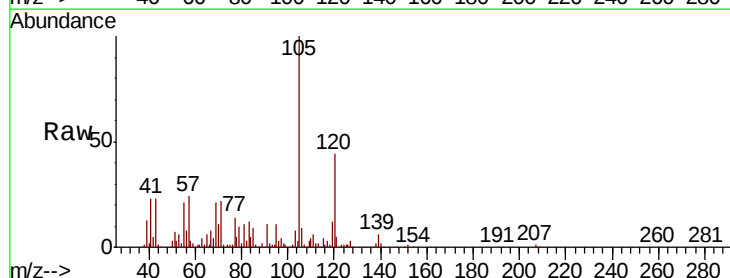
Instrument :
MSVOA_N
ClientSampled :

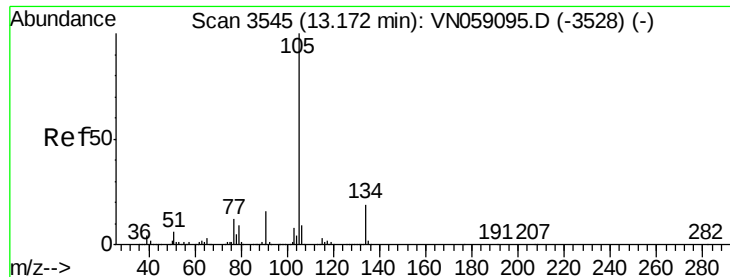
Tot Ion:119 Resp: 18162
Ion Ratio Lower Upper
119 100
91 74.5 33.2 99.6
134 25.1 12.7 38.1



#84
1,2,4-Trimethylbenzene
Concen: 25.965 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN059229.D
Acq: 14 Nov 2019 13:32

Tgt Ion:105 Resp: 391361
Ion Ratio Lower Upper
105 100
120 46.1 22.8 68.4





#85

sec-Butylbenzene

Concen: 6.640 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN059229.D

Acq: 14 Nov 2019 13:32

Instrument :

MSVOA_N

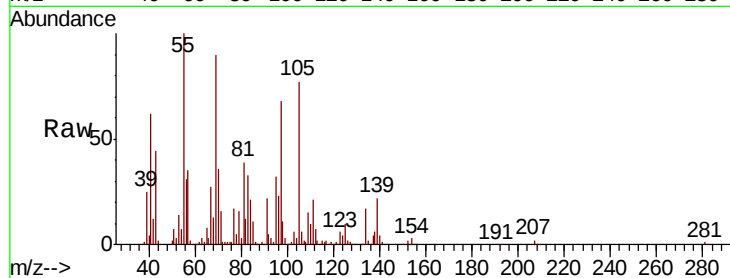
ClientSampled :

Tot Ion:105 Resp: 116184

Ion Ratio Lower Upper

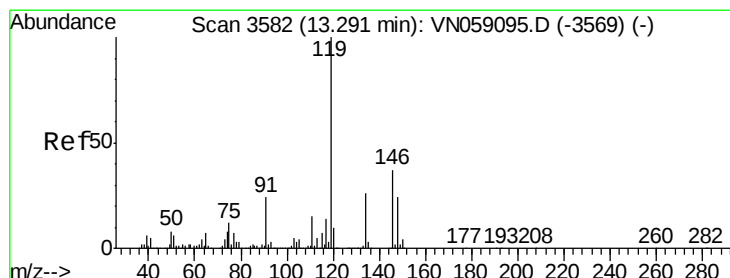
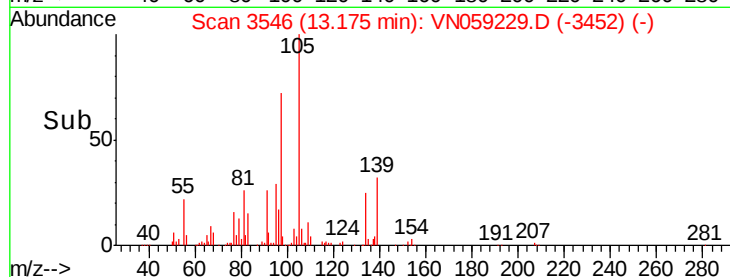
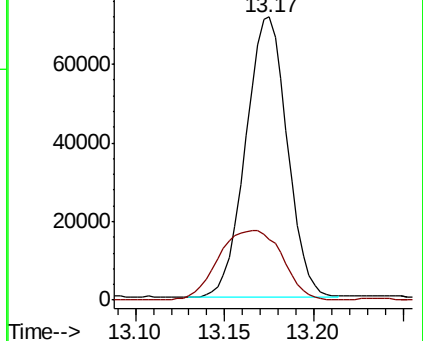
105 100

134 38.0 9.7 29.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 4.809 ug/l

RT: 13.44 min Scan# 3630

Delta R.T. 0.15 min

Lab File: VN059229.D

Acq: 14 Nov 2019 13:32

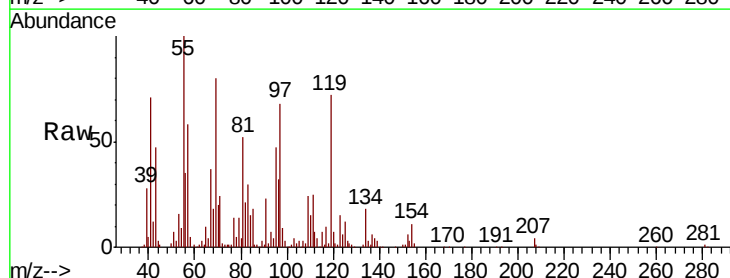
Tgt Ion:119 Resp: 74295

Ion Ratio Lower Upper

119 100

134 27.6 13.0 38.9

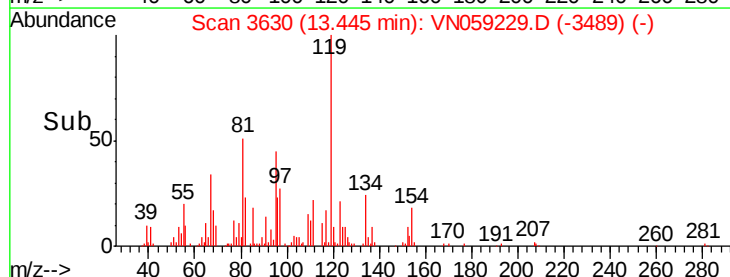
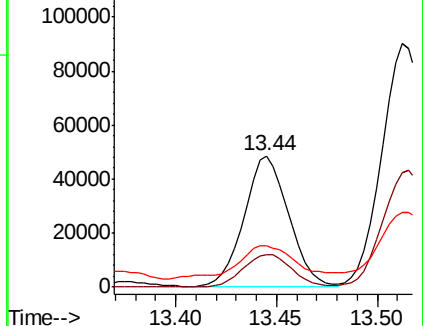
91 32.8 11.7 35.1

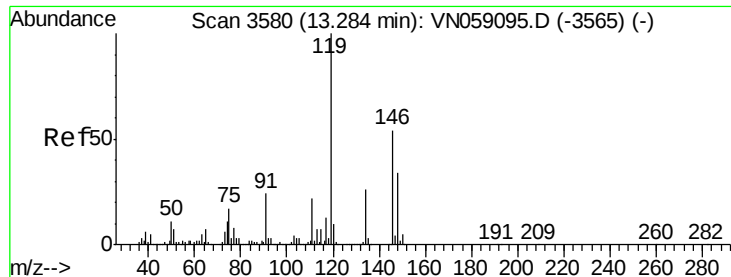


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 0.255 ug/l

RT: 13.29 min Scan# 3583

Delta R.T. 0.01 min

Lab File: VN059229.D

Acq: 14 Nov 2019 13:32

Instrument :

MSVOA_N

ClientSampleId :

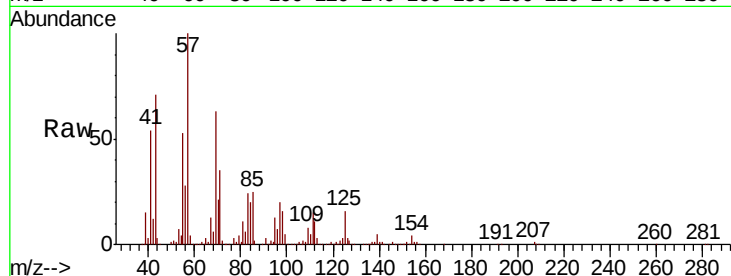
Tot Ion:146 Resp: 2015

Ion Ratio Lower Upper

146 100

111 0.0 20.4 61.3#

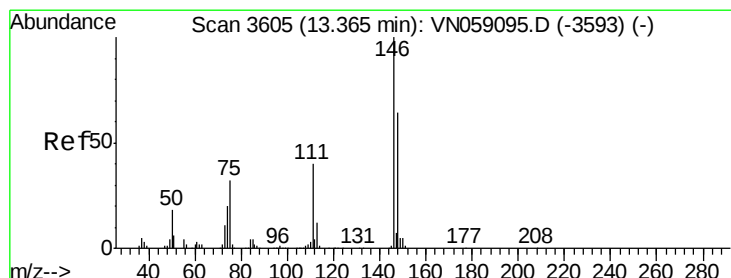
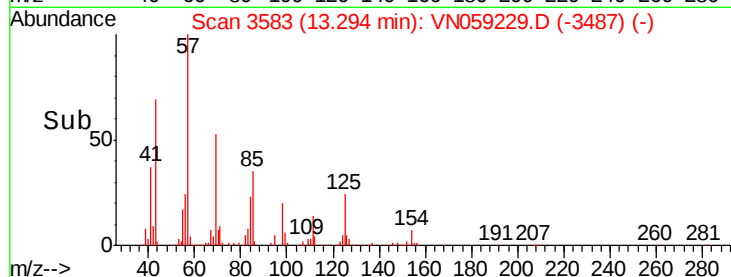
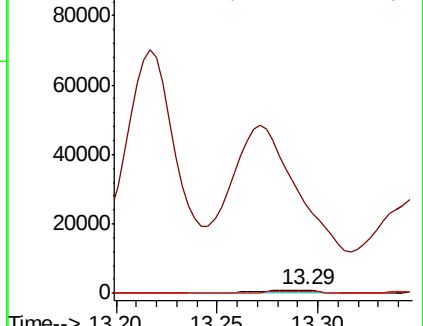
148 56.8 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 0.263 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. -0.00 min

Lab File: VN059229.D

Acq: 14 Nov 2019 13:32

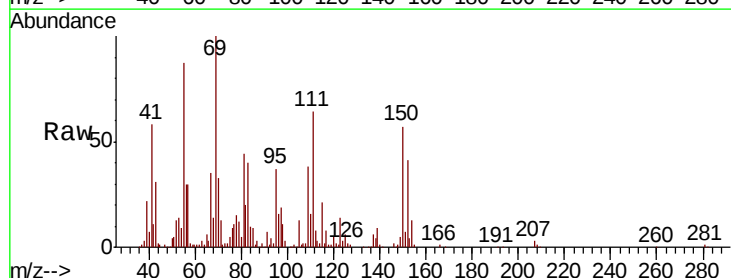
Tgt Ion:146 Resp: 2085

Ion Ratio Lower Upper

146 100

111 4416.6 20.3 60.9#

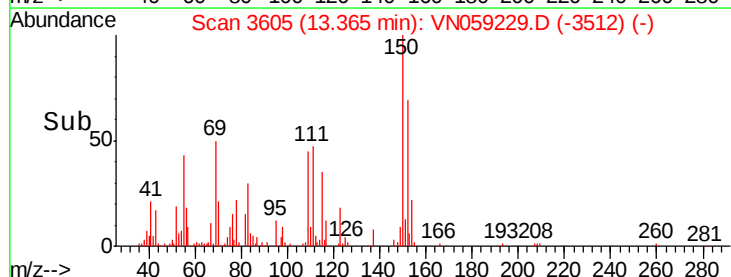
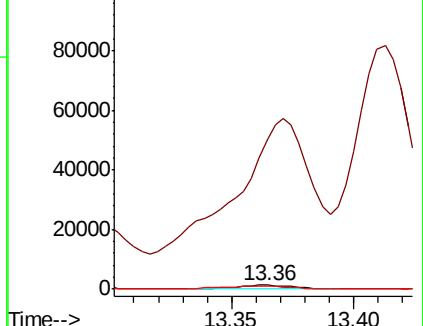
148 95.0 31.9 95.7

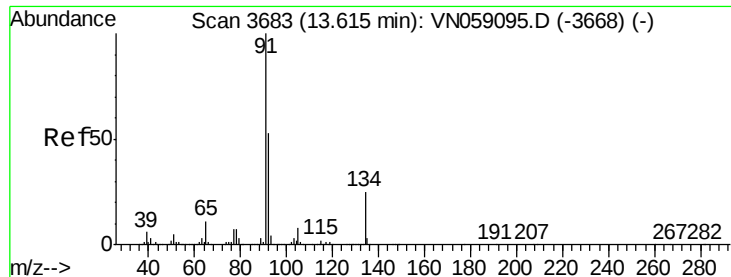


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

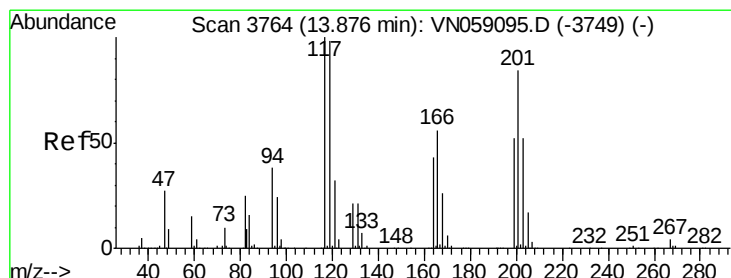
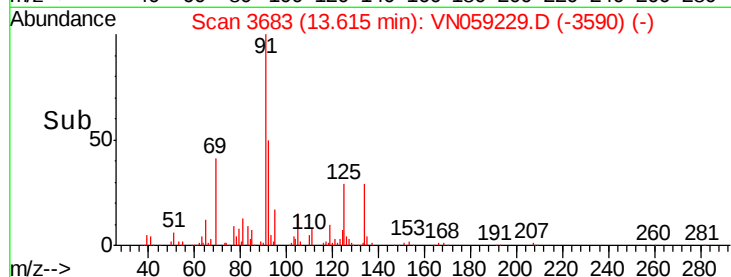
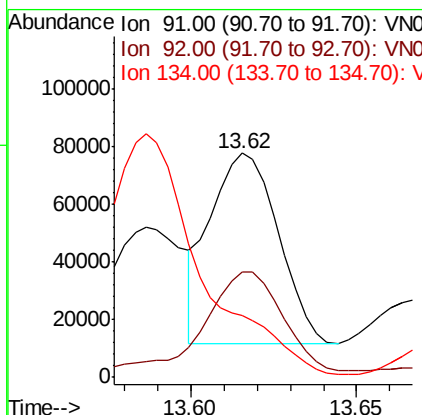
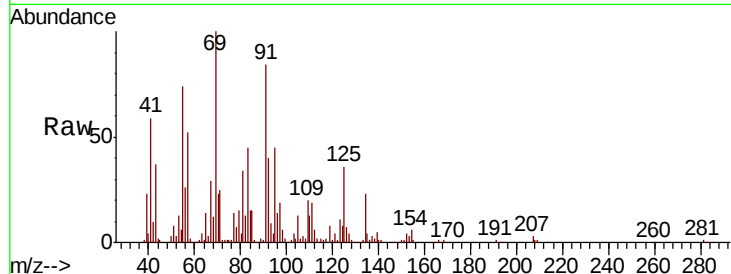




#89
n-Butylbenzene
Concen: 6.955 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN059229.D
Acq: 14 Nov 2019 13:32

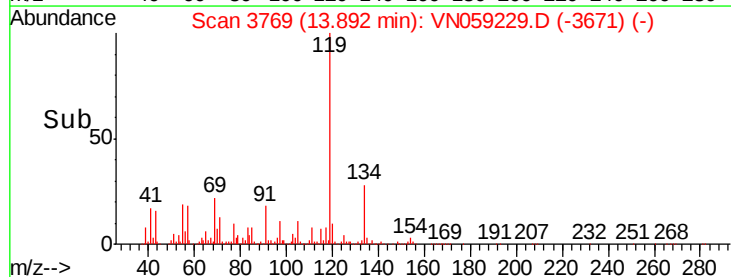
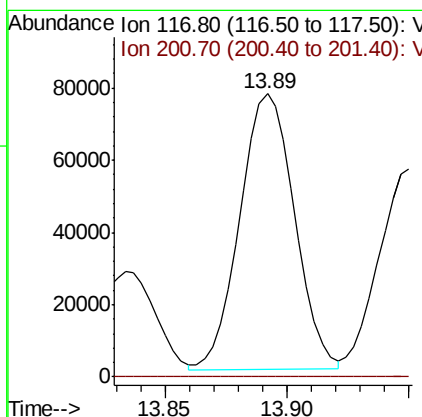
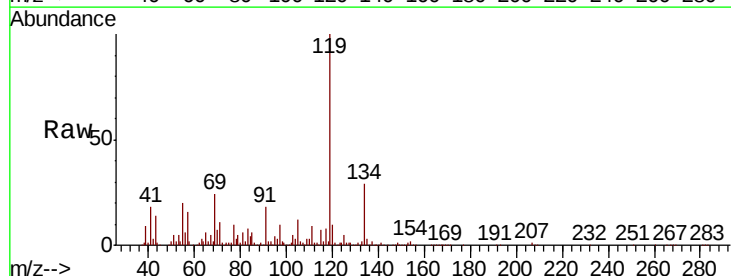
Instrument :
MSVOA_N
ClientSampled :

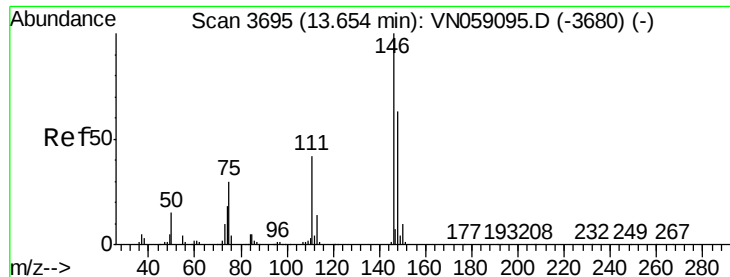
Tot Ion: 91 Resp: 94047
Ion Ratio Lower Upper
91 100
92 63.3 26.1 78.3
134 0.0 12.6 37.8#



#90
Hexachloroethane
Concen: 38.381 ug/l
RT: 13.89 min Scan# 3769
Delta R.T. 0.02 min
Lab File: VN059229.D
Acq: 14 Nov 2019 13:32

Tgt Ion: 117 Resp: 119068
Ion Ratio Lower Upper
117 100
201 0.0 41.8 125.3#





#91

1,2-Dichlorobenzene

Concen: 0.280 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. -0.00 min

Lab File: VN059229.D

Acq: 14 Nov 2019 13:32

Instrument :

MSVOA_N

ClientSampleId :

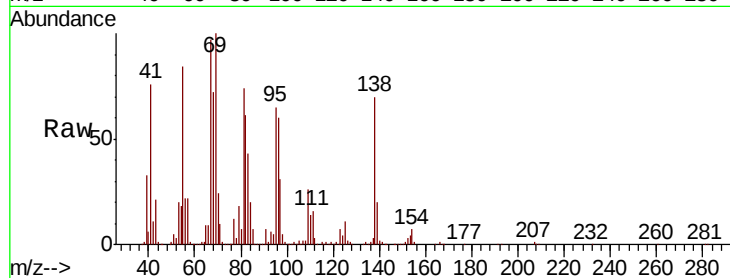
Tot Ion:146 Resp: 2179

Ion Ratio Lower Upper

146 100

111 0.0 21.2 63.6#

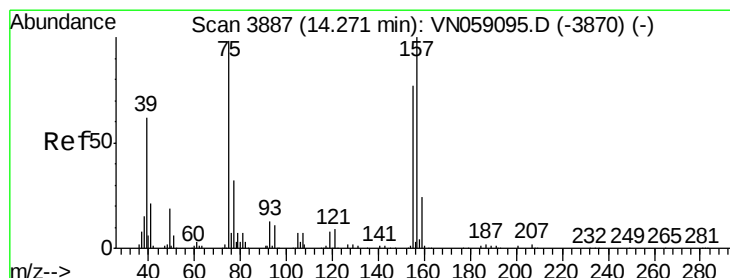
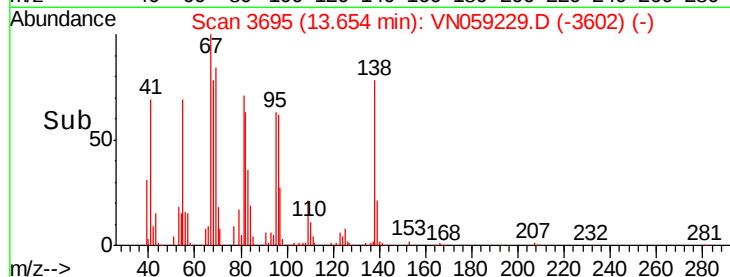
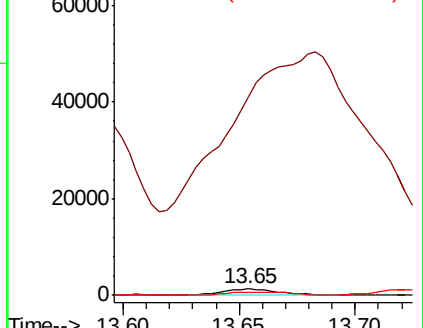
148 63.1 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 15.401 ug/l

RT: 14.25 min Scan# 3881

Delta R.T. -0.02 min

Lab File: VN059229.D

Acq: 14 Nov 2019 13:32

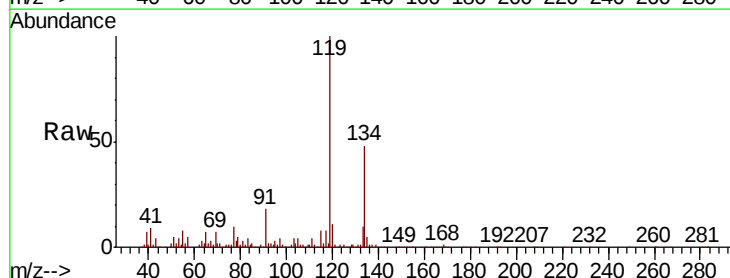
Tgt Ion: 75 Resp: 19215

Ion Ratio Lower Upper

75 100

155 0.0 40.2 120.6#

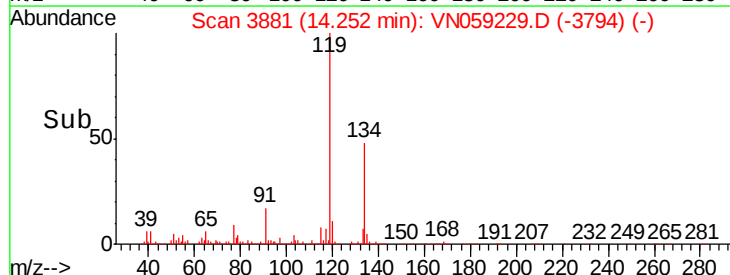
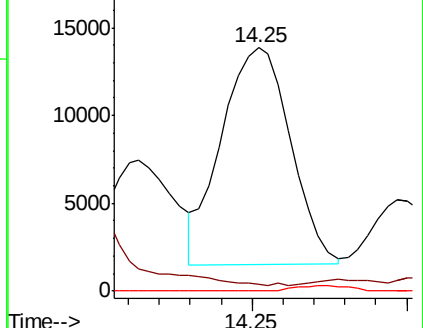
157 0.0 51.8 155.5#

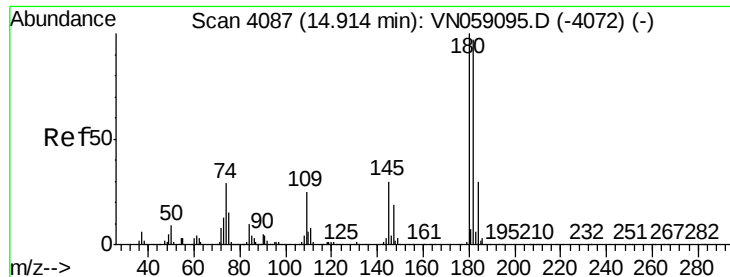


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 4.726 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. -0.00 min

Lab File: VN059229.D

Acq: 14 Nov 2019 13:32

Instrument :

MSVOA_N

ClientSampleId :

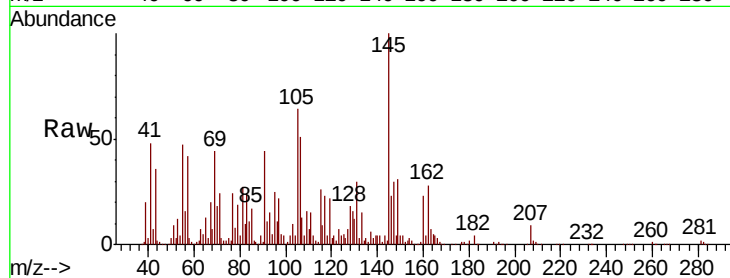
Tot Ion:180 Resp: 8443

Ion Ratio Lower Upper

180 100

182 161.4 48.1 144.3#

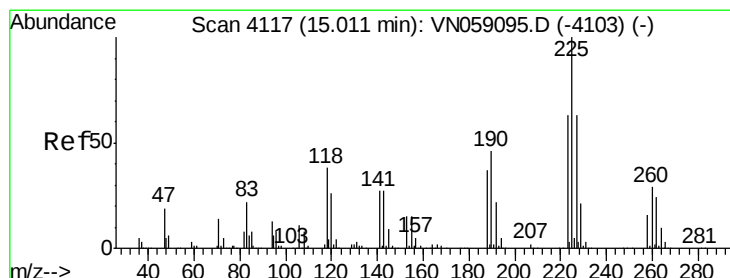
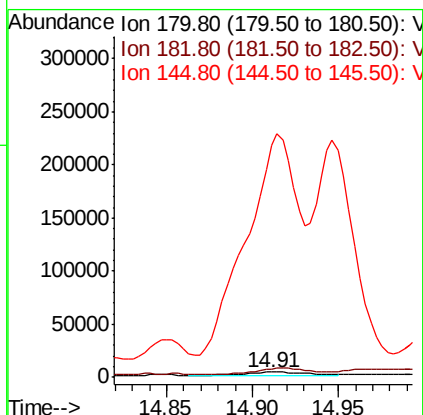
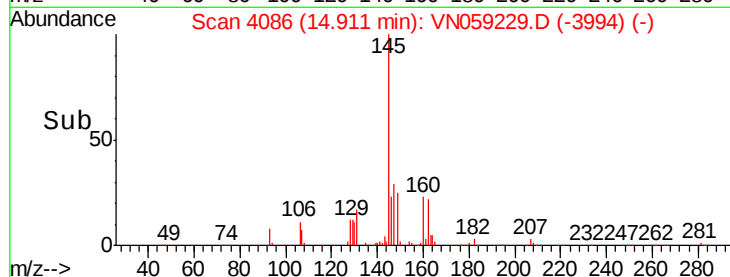
145 5747.7 15.1 45.3#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 0.370 ug/l

RT: 15.01 min Scan# 4118

Delta R.T. 0.00 min

Lab File: VN059229.D

Acq: 14 Nov 2019 13:32

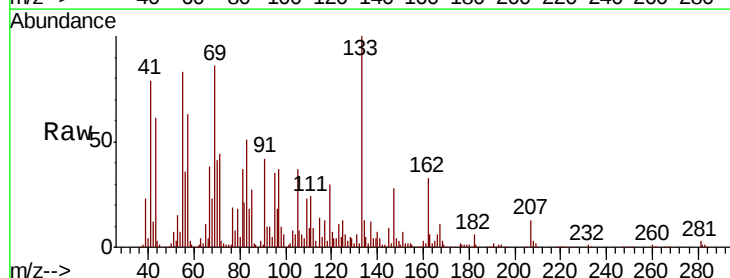
Tgt Ion:225 Resp: 992

Ion Ratio Lower Upper

225 100

223 92.3 31.3 93.9

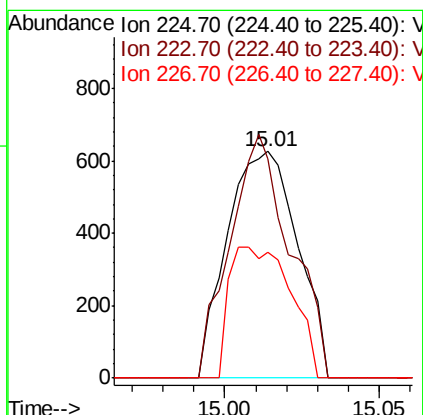
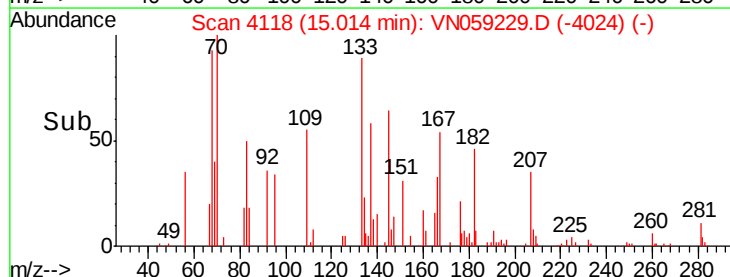
227 50.7 31.5 94.5

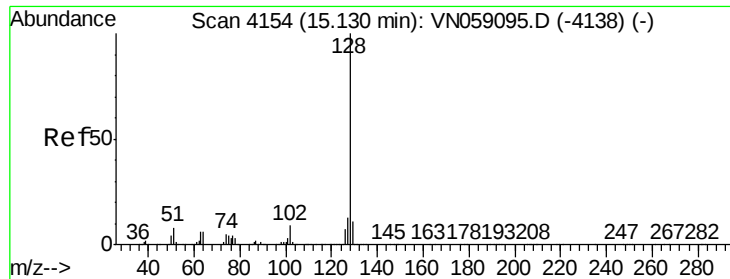


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 9.066 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059229.D

Acq: 14 Nov 2019 13:32

Instrument :

MSVOA_N

ClientSampled :

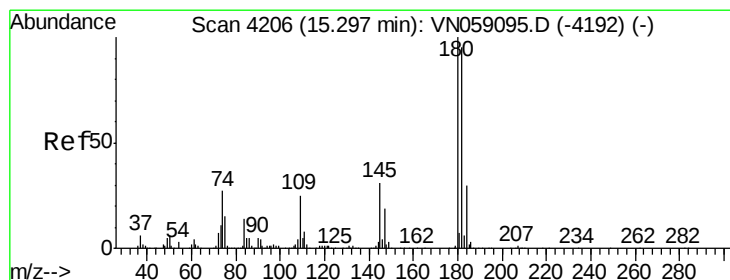
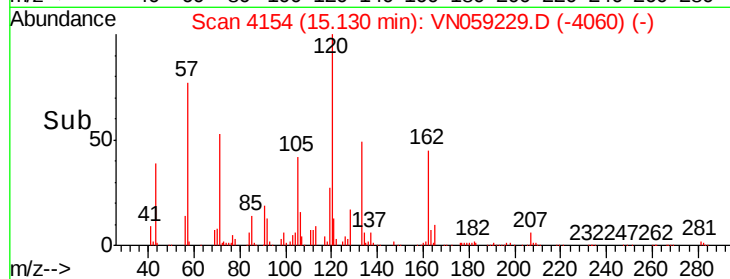
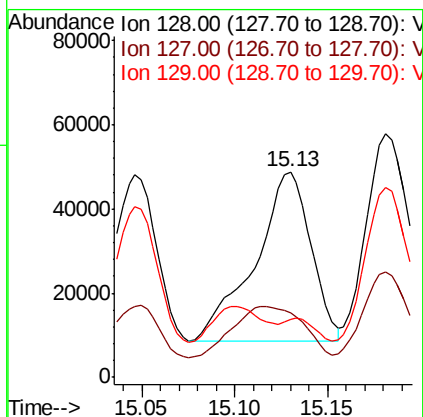
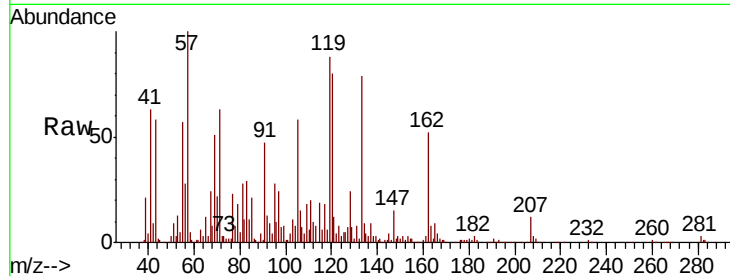
Tot Ion:128 Resp: 83978

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.2#

129 0.0 8.6 12.8#



#96

1,2,3-Trichlorobenzene

Concen: 2.410 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.02 min

Lab File: VN059229.D

Acq: 14 Nov 2019 13:32

Tgt Ion:180 Resp: 10507

Ion Ratio Lower Upper

180 100

182 0.0 47.3 141.8#

145 0.0 15.8 47.3#

