

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091219\
 Data File : VN057942.D
 Acq On : 11 Sep 2019 22:23
 Operator : JC/SP
 Sample : K4835-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PZ-2

Quant Time: Sep 12 02:32:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	280034	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	481651	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	435615	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	228180	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	310493	54.74	ug/l	0.00
Spiked Amount			Recovery	=	109.48%	
35) Dibromofluoromethane	7.58	113	212225	47.74	ug/l	0.00
Spiked Amount			Recovery	=	95.48%	
50) Toluene-d8	10.09	98	830699	48.13	ug/l	0.00
Spiked Amount			Recovery	=	96.26%	
62) 4-Bromofluorobenzene	12.41	95	283058	43.03	ug/l	0.00
Spiked Amount			Recovery	=	86.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	4899	1.241	ug/l #	88
5) Bromomethane	2.55	94	464	Below Cal		92
11) Tert butyl alcohol	4.77	59	218952	318.950	ug/l	100
15) Acrylonitrile	5.01	53	851	0.451	ug/l #	23
16) Acetone	3.80	43	63405	34.101	ug/l	95
17) Carbon Disulfide	4.02	76	594	0.286	ug/l #	75
19) Methyl tert-butyl Ether	5.02	73	170856	13.768	ug/l	97
20) Methylene Chloride	4.52	84	442	Below Cal	#	48
25) 2-Butanone	6.82	43	36266	13.476	ug/l	94
31) Cyclohexane	7.64	56	18328	1.423	ug/l #	77
36) 1,1-Dichloropropene	7.65	75	24952	4.467	ug/l #	50
37) Ethyl Acetate	6.82	43	36244	6.280	ug/l #	70
38) Carbon Tetrachloride	7.65	117	29971	5.877	ug/l #	15
39) Methylcyclohexane	9.08	83	17022	2.899	ug/l	92
40) Benzene	8.03	78	43522	2.588	ug/l	99
48) Methyl methacrylate	9.16	41	3900	0.792	ug/l #	50
51) 4-Methyl-2-Pentanone	9.99	43	6191	1.078	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	3684	0.821	ug/l #	18
59) 2-Hexanone	10.75	43	16372	3.803	ug/l	95
67) Ethyl Benzene	11.51	91	8974	0.449	ug/l #	89
73) Isopropylbenzene	12.25	105	14880	0.840	ug/l	95
74) N-amyl acetate	12.03	43	6731	0.874	ug/l #	46
76) 1,2,3-Trichloropropane	12.40	75	154598	29.950	ug/l #	100
78) n-propylbenzene	12.60	91	37738	1.856	ug/l	96
79) 2-Chlorotoluene	12.60	91	37738	2.937	ug/l #	42
81) trans-1,4-Dichloro-2-buten	12.40	75	154598	105.395	ug/l #	6
82) 4-Chlorotoluene	12.60	91	37738	2.860	ug/l #	43
84) 1,2,4-Trimethylbenzene	12.90	105	4126	0.271	ug/l	66
85) sec-Butylbenzene	13.18	105	8616	0.489	ug/l	89
89) n-Butylbenzene	13.62	91	10250	0.699	ug/l	92
90) Hexachloroethane	13.96	117	854	0.370	ug/l #	12
95) Naphthalene	15.14	128	700	Below Cal	#	69

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091219\
Data File : VN057942.D
Acq On : 11 Sep 2019 22:23
Operator : JC/SP
Sample : K4835-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PZ-2

Quant Time: Sep 12 02:32:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 03:02:13 2019
Response via : Initial Calibration

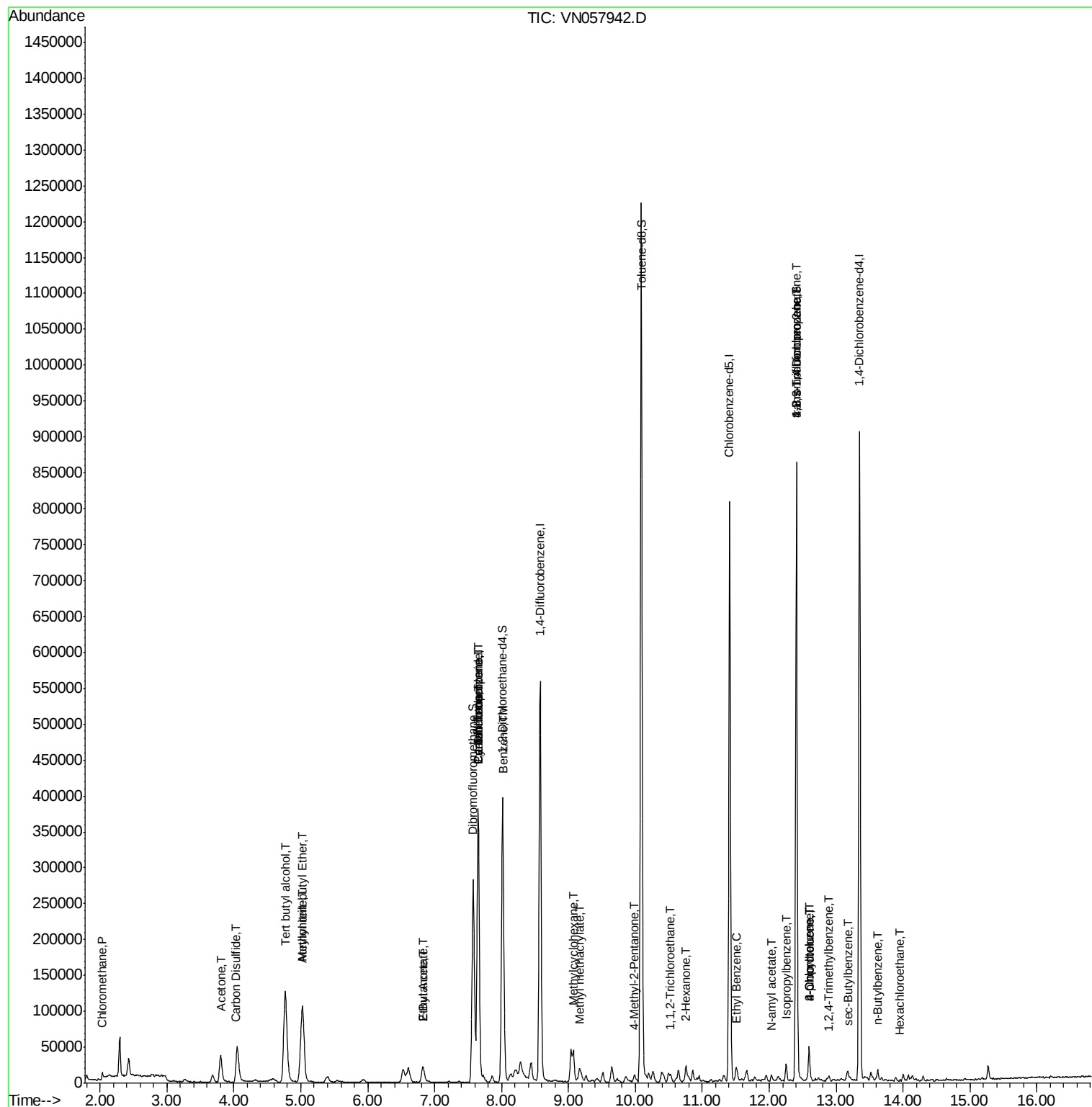
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

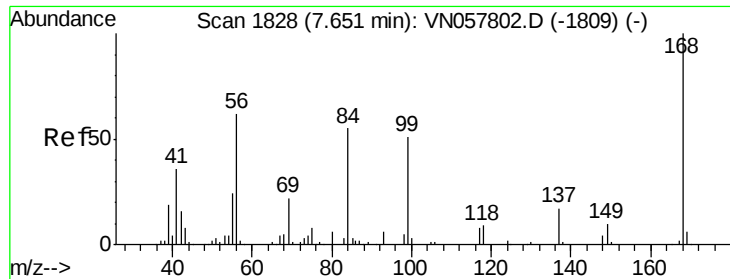
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN091219\
Data File : VN057942.D
Acq On : 11 Sep 2019 22:23
Operator : JC/SP
Sample : K4835-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PZ-2

Quant Time: Sep 12 02:32:39 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 03:02:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN057942.D

Acq: 11 Sep 2019 22:23

Instrument :

MSVOA_N

ClientSampled :

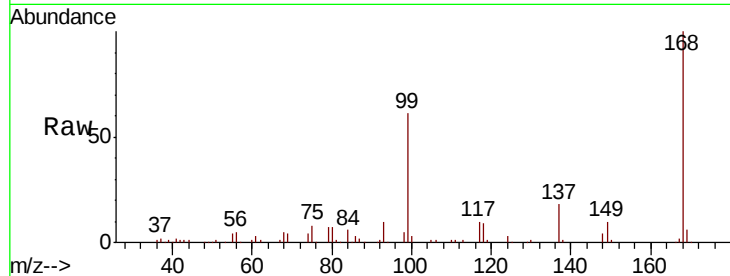
PZ-2

Tgt Ion:168 Resp: 280034

Ion Ratio Lower Upper

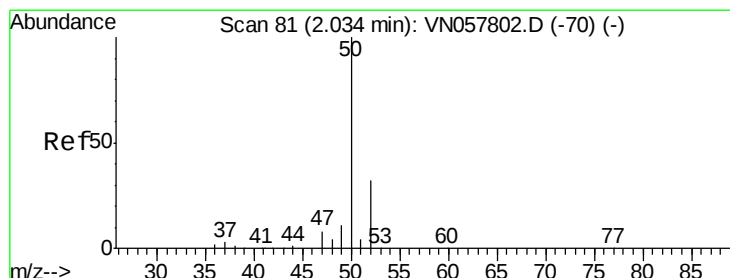
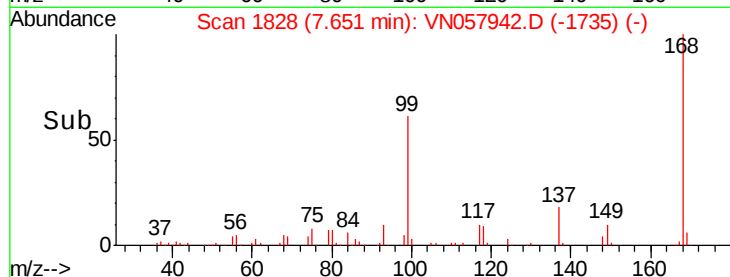
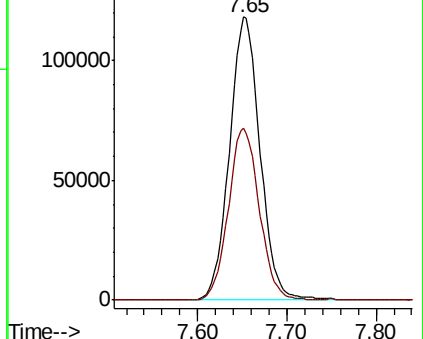
168 100

99 60.6 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#3

Chloromethane

Concen: 1.241 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN057942.D

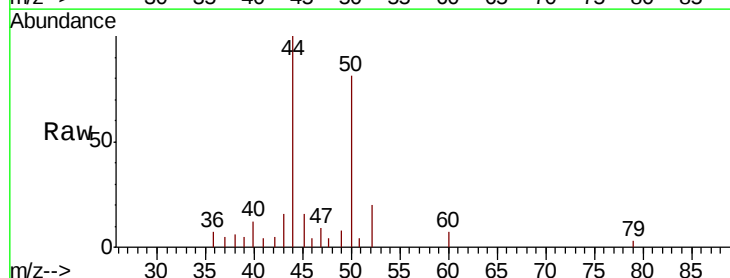
Acq: 11 Sep 2019 22:23

Tgt Ion: 50 Resp: 4899

Ion Ratio Lower Upper

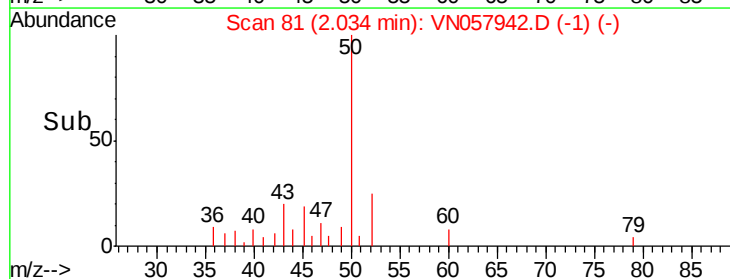
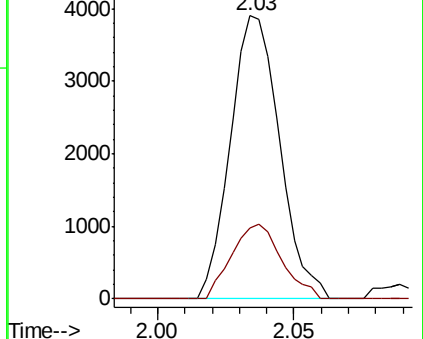
50 100

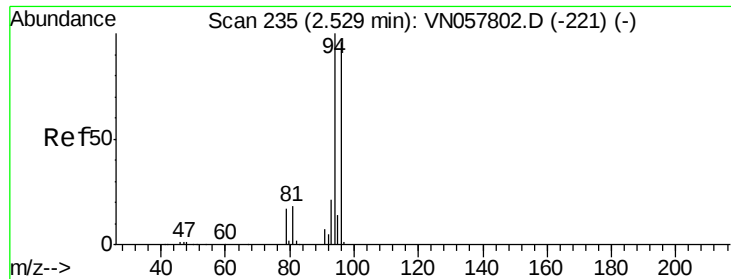
52 25.1 25.5 38.3#



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN





#5

Bromomethane

Concen: Below Cal

RT: 2.55 min Scan# 240

Delta R.T. 0.02 min

Lab File: VN057942.D

Acq: 11 Sep 2019 22:23

Instrument :

MSVOA_N

ClientSampled :

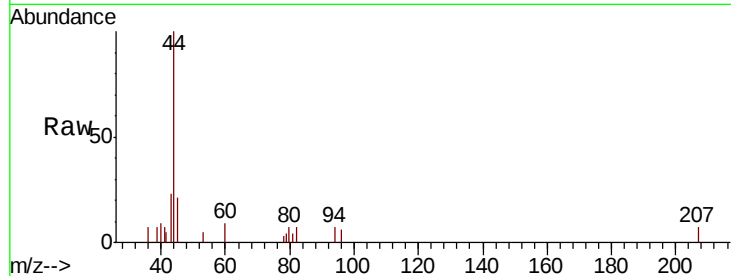
PZ-2

Tgt Ion: 94 Resp: 464

Ion Ratio Lower Upper

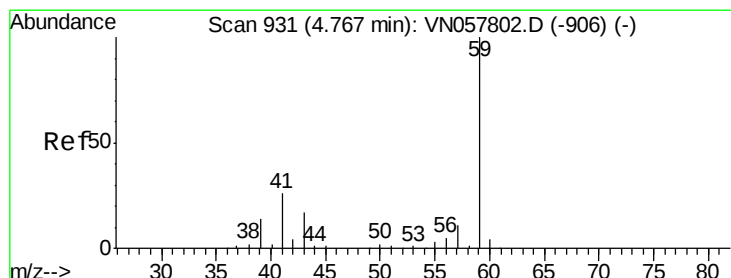
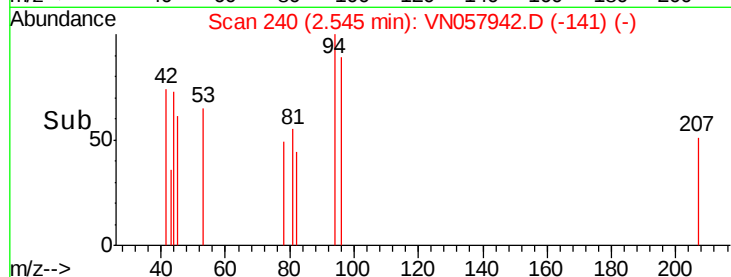
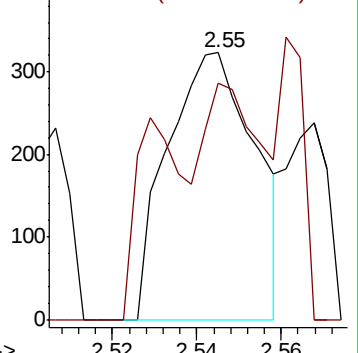
94 100

96 88.9 77.0 115.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#11

Tert butyl alcohol

Concen: 318.950 ug/l

RT: 4.77 min Scan# 931

Delta R.T. 0.00 min

Lab File: VN057942.D

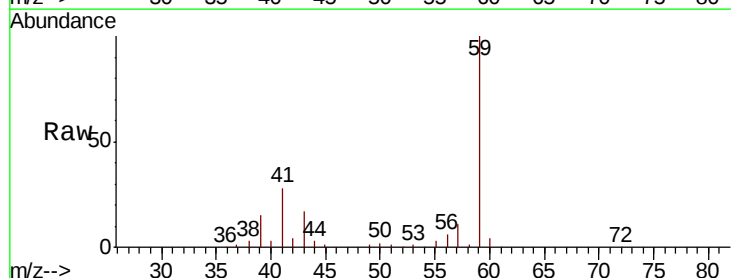
Acq: 11 Sep 2019 22:23

Tgt Ion: 59 Resp: 218952

Ion Ratio Lower Upper

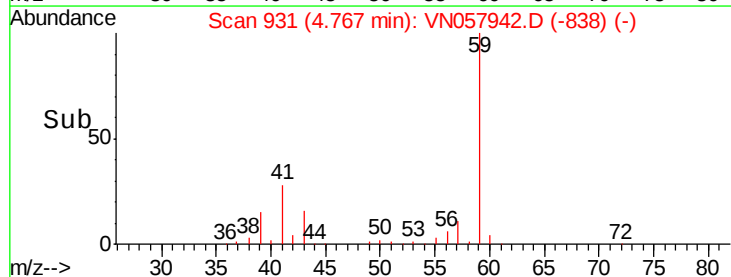
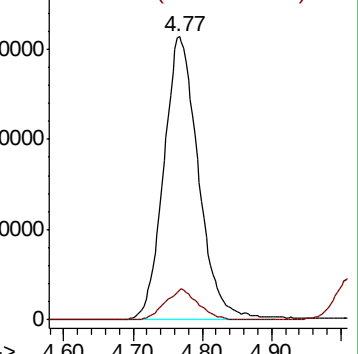
59 100

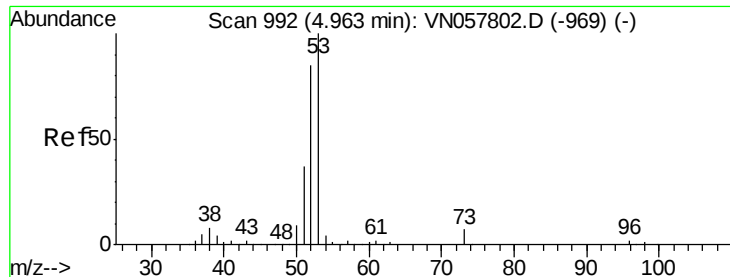
57 10.4 8.4 12.6



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0





#15

Acrylonitrile

Concen: 0.451 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. 0.05 min

Lab File: VN057942.D

Acq: 11 Sep 2019 22:23

Instrument :

MSVOA_N

ClientSampled :

PZ-2

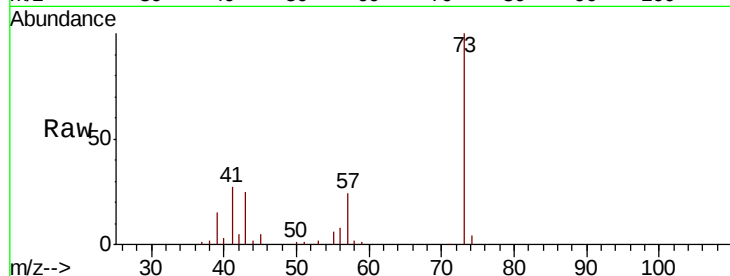
Tgt Ion: 53 Resp: 851

Ion Ratio Lower Upper

53 100

52 8.0 66.6 100.0#

51 0.0 29.8 44.8#



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0

800

600

400

200

0

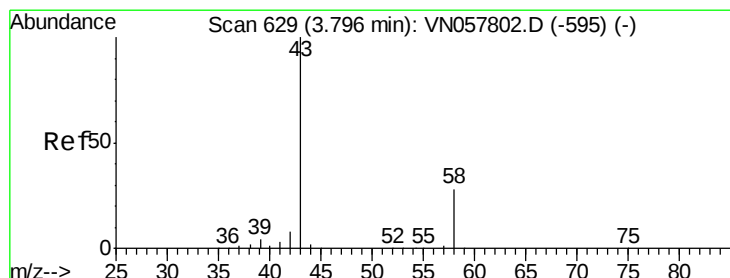
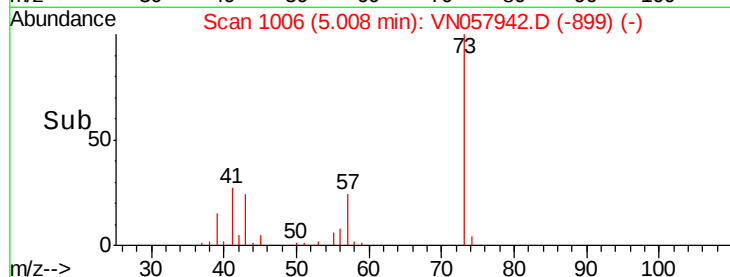
4.98

5.00

5.01

5.02

Time-->



#16

Acetone

Concen: 34.101 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN057942.D

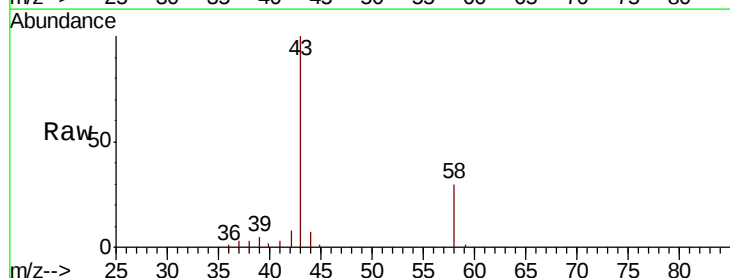
Acq: 11 Sep 2019 22:23

Tgt Ion: 43 Resp: 63405

Ion Ratio Lower Upper

43 100

58 30.1 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

25000

20000

15000

10000

5000

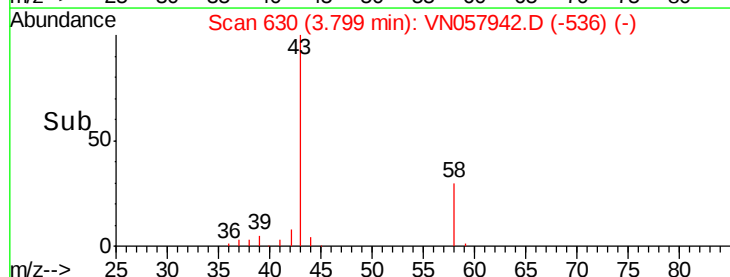
0

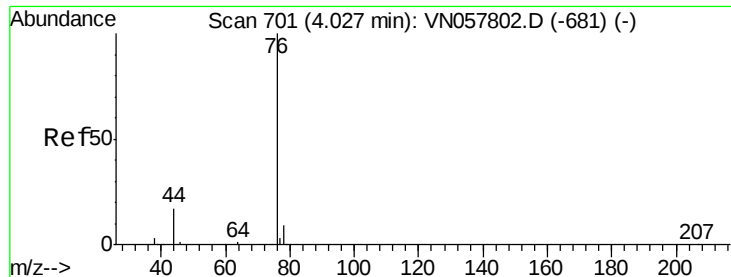
3.70

3.80

3.90

Time-->





#17

Carbon Disulfide

Concen: 0.286 ug/l

RT: 4.02 min Scan# 698

Delta R.T. -0.01 min

Lab File: VN057942.D

Acq: 11 Sep 2019 22:23

Instrument :

MSVOA_N

ClientSampleId :

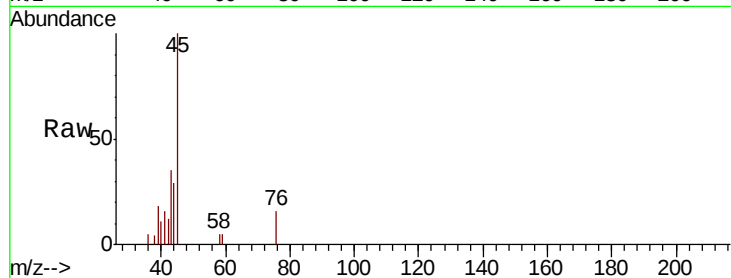
PZ-2

Tgt Ion: 76 Resp: 594

Ion Ratio Lower Upper

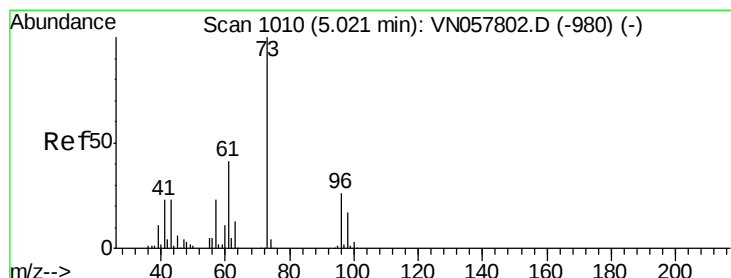
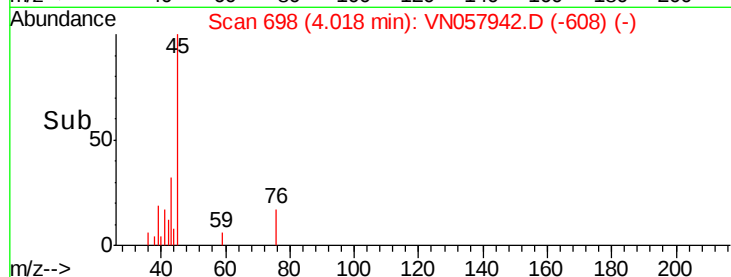
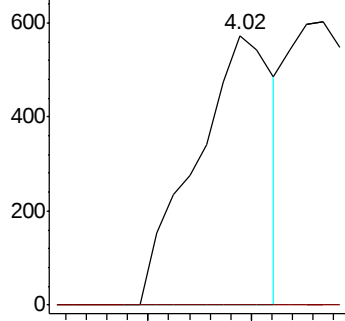
76 100

78 0.0 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#19

Methyl tert-butyl Ether

Concen: 13.768 ug/l

RT: 5.02 min Scan# 1010

Delta R.T. 0.00 min

Lab File: VN057942.D

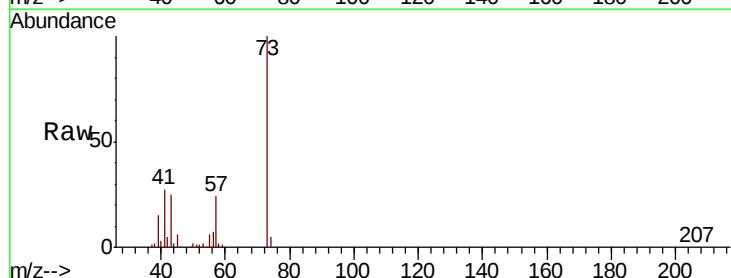
Acq: 11 Sep 2019 22:23

Tgt Ion: 73 Resp: 170856

Ion Ratio Lower Upper

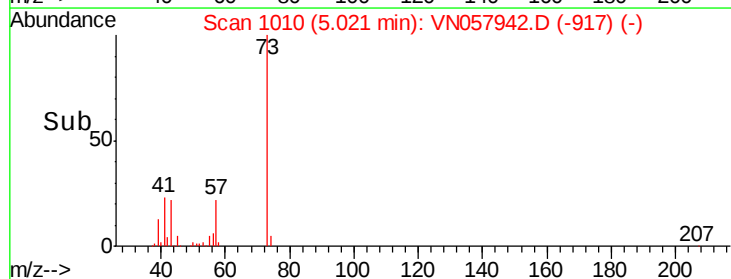
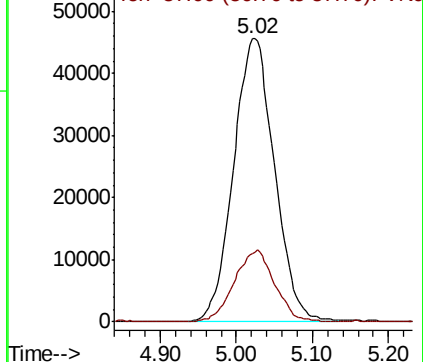
73 100

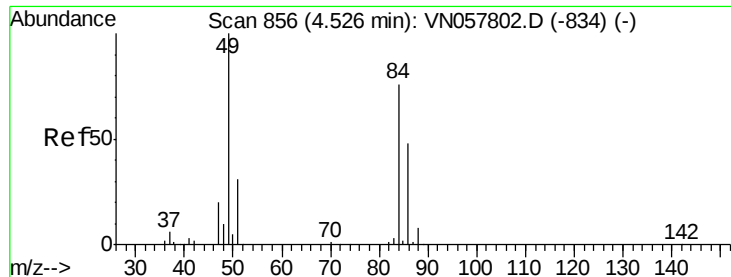
57 24.0 18.2 27.2



Abundance Ion 73.00 (72.70 to 73.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

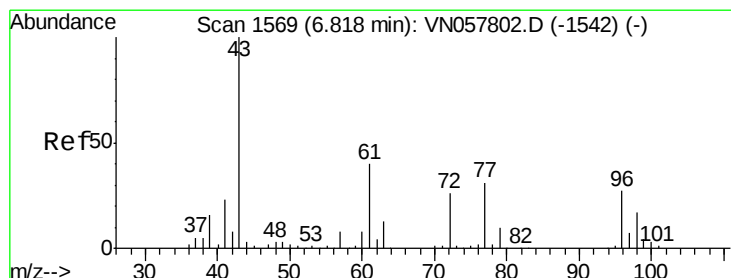
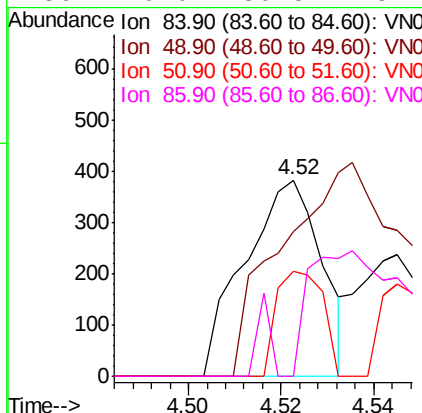
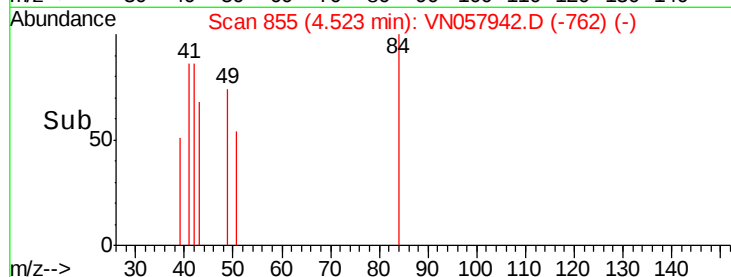
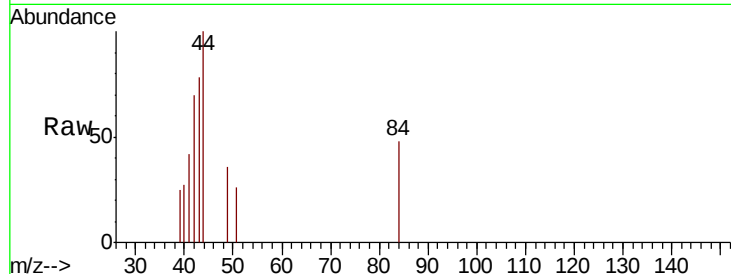




#20
Methylene Chloride
Concen: Below Cal
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN057942.D
Acq: 11 Sep 2019 22:23

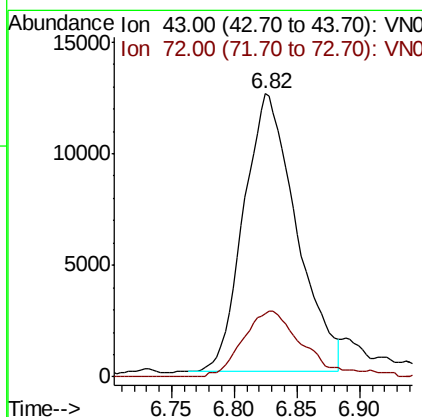
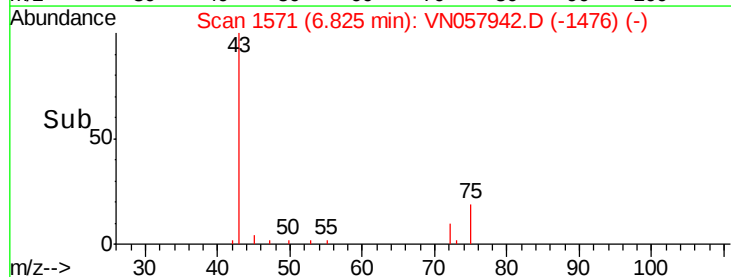
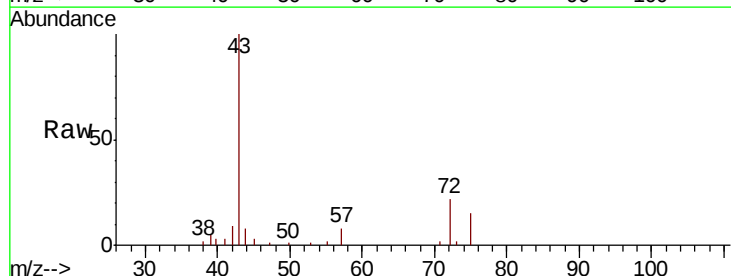
Instrument :
MSVOA_N
ClientSampled :
PZ-2

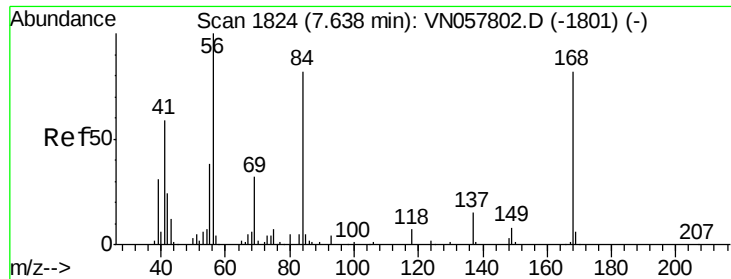
Tgt Ion: 84 Resp: 442
Ion Ratio Lower Upper
84 100
49 73.8 104.8 157.2#
51 53.7 33.0 49.4#
86 0.0 50.5 75.7#



#25
2-Butanone
Concen: 13.476 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. 0.01 min
Lab File: VN057942.D
Acq: 11 Sep 2019 22:23

Tgt Ion: 43 Resp: 36266
Ion Ratio Lower Upper
43 100
72 22.6 20.6 30.8

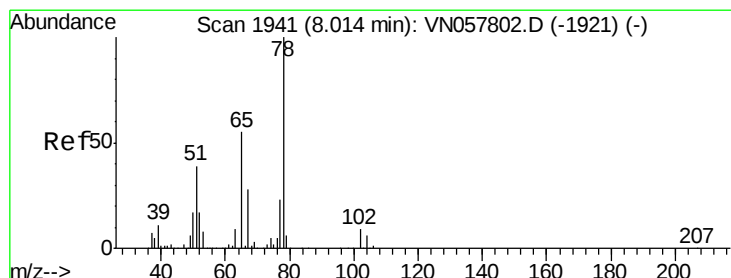
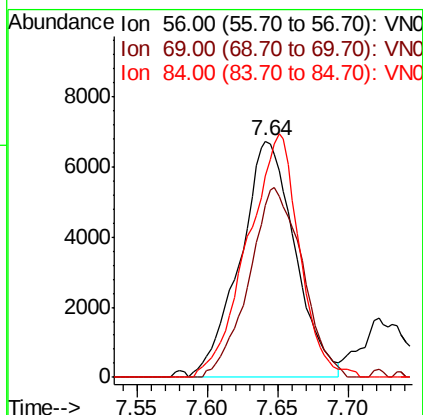
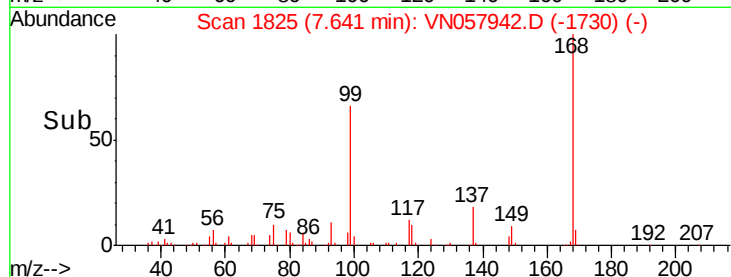
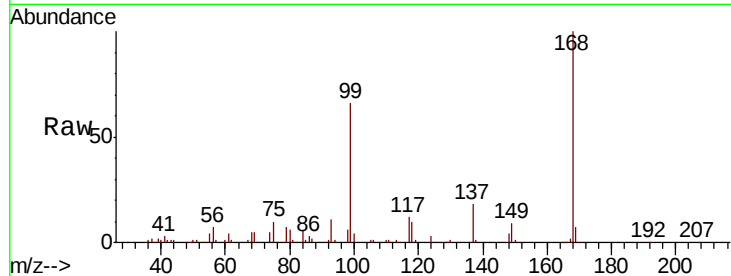




#31
Cyclohexane
Concen: 1.423 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. 0.00 min
Lab File: VN057942.D
Acq: 11 Sep 2019 22:23

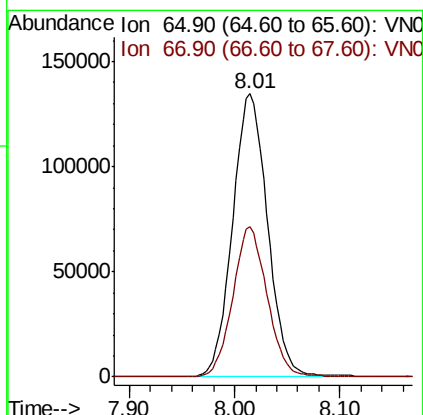
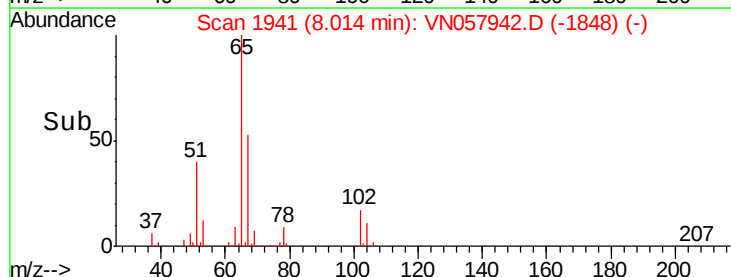
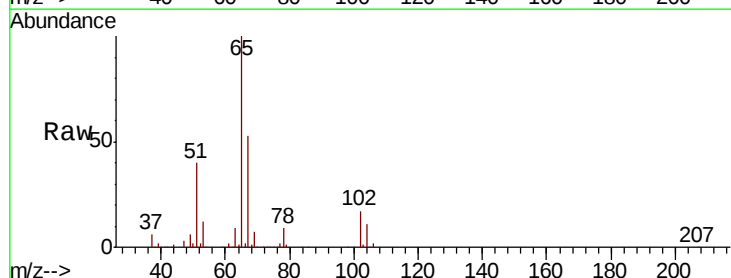
Instrument :
MSVOA_N
ClientSampled :
PZ-2

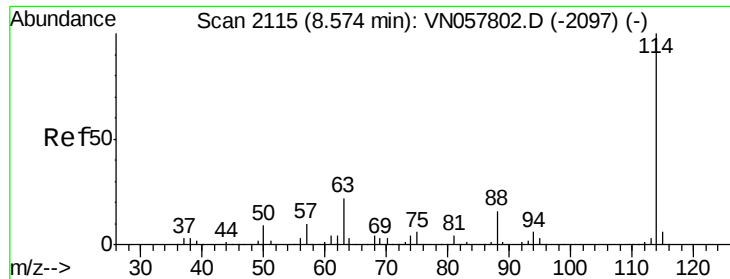
Tgt Ion: 56 Resp: 18328
Ion Ratio Lower Upper
56 100
69 72.6 25.9 38.9#
84 85.0 65.6 98.4



#33
1,2-Dichloroethane-d4
Concen: 54.743 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN057942.D
Acq: 11 Sep 2019 22:23

Tgt Ion: 65 Resp: 310493
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.0

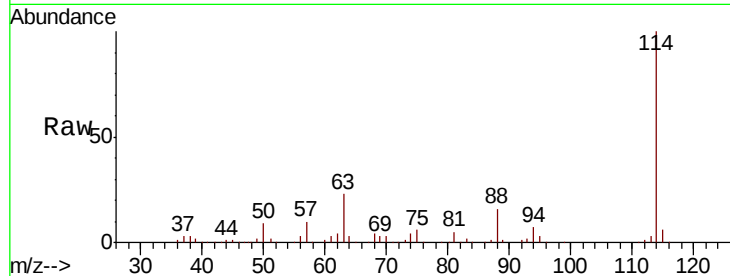




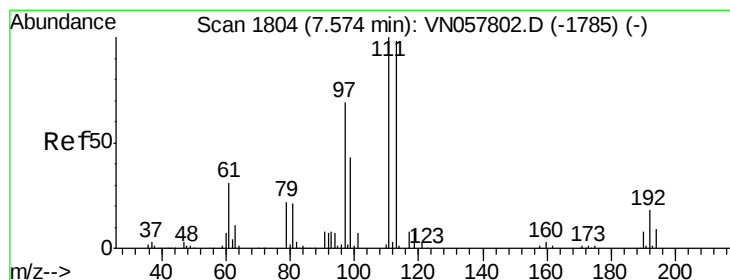
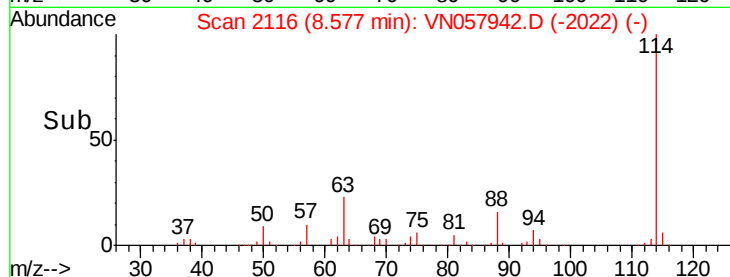
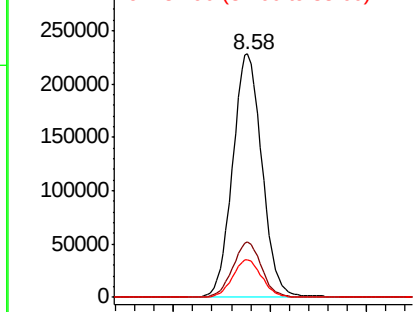
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057942.D
 Acq: 11 Sep 2019 22:23

Instrument :
 MSVOA_N
 ClientSampleId :
 PZ-2

Tgt Ion:114 Resp: 481651
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 44.0
 88 15.6 0.0 31.4

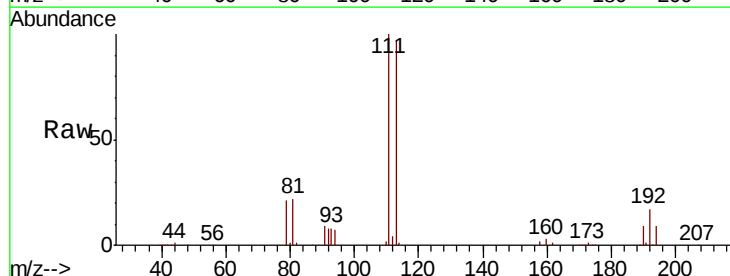


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

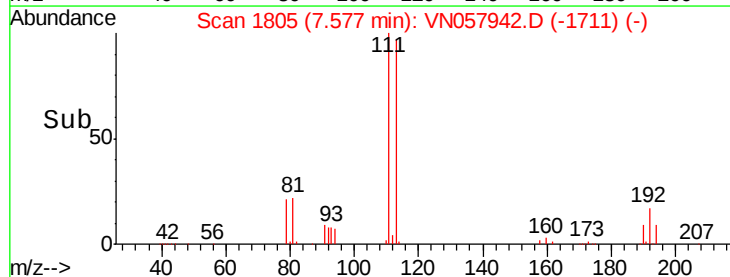
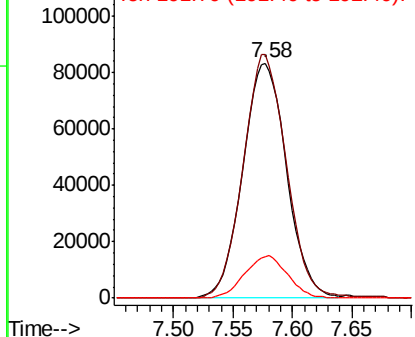


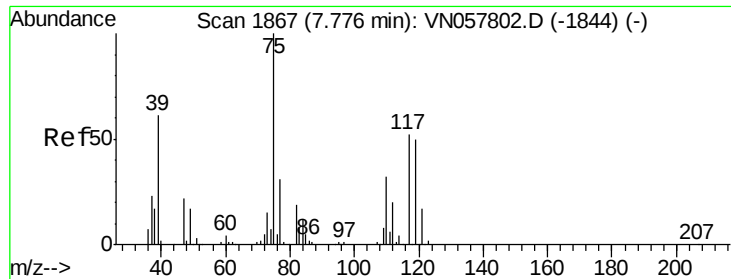
#35
 Dibromofluoromethane
 Concen: 47.740 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057942.D
 Acq: 11 Sep 2019 22:23

Tgt Ion:113 Resp: 212225
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.3 121.9
 192 17.7 14.6 22.0



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

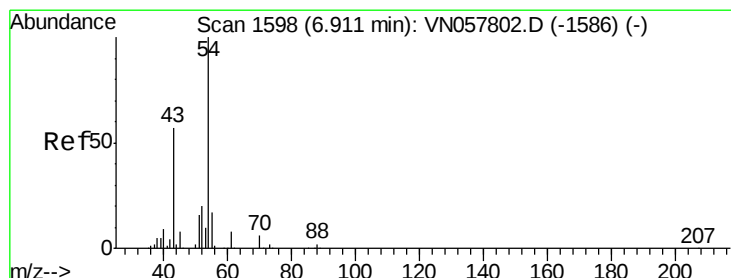
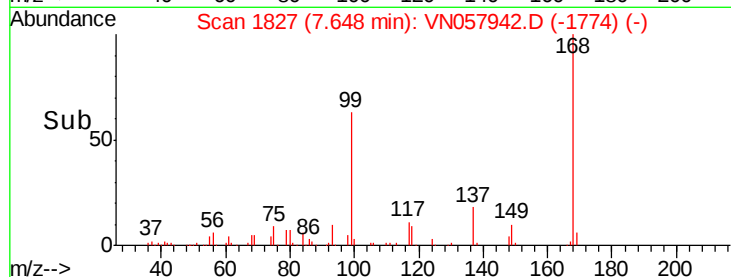
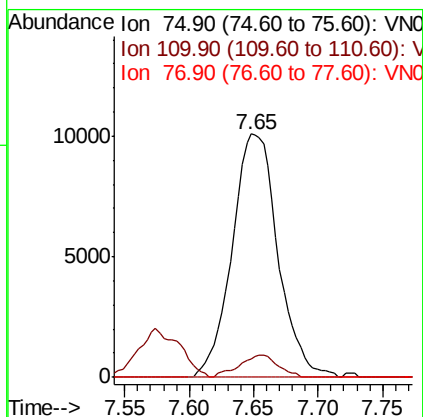
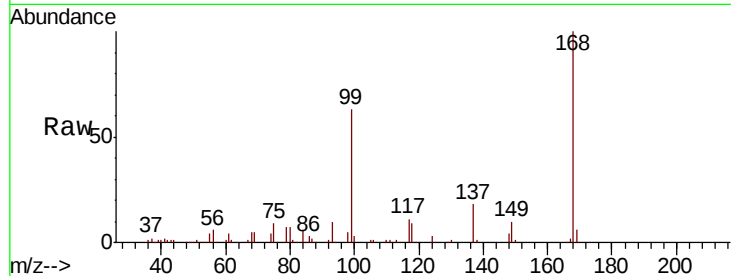




#36
 1,1-Dichloropropene
 Concen: 4.467 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.13 min
 Lab File: VN057942.D
 Acq: 11 Sep 2019 22:23

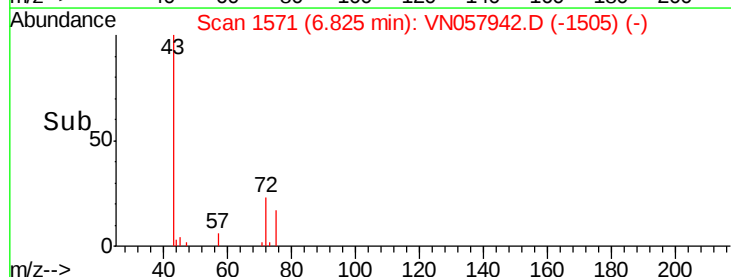
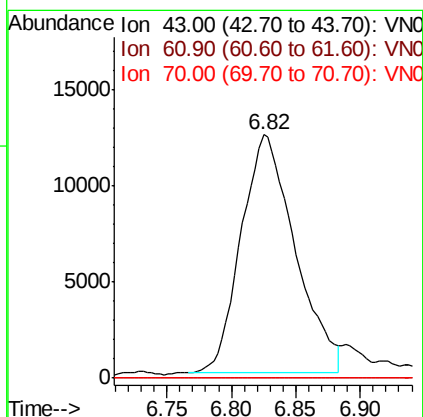
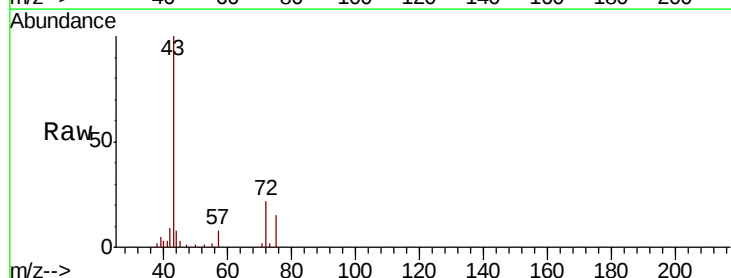
Instrument :
 MSVOA_N
 ClientSampled :
 PZ-2

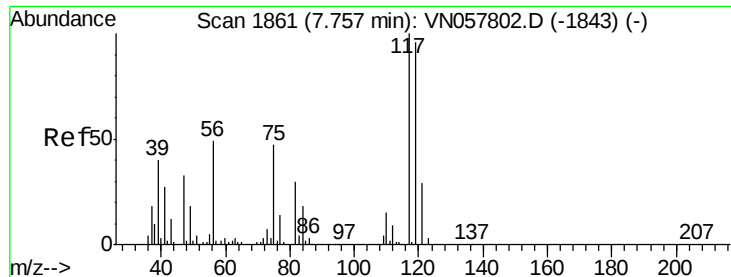
Tgt Ion: 75 Resp: 24952
 Ion Ratio Lower Upper
 75 100
 110 7.8 16.3 48.9#
 77 0.0 25.0 37.4#



#37
 Ethyl Acetate
 Concen: 6.280 ug/l
 RT: 6.82 min Scan# 1571
 Delta R.T. -0.09 min
 Lab File: VN057942.D
 Acq: 11 Sep 2019 22:23

Tgt Ion: 43 Resp: 36244
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.5 15.7#
 70 0.0 7.4 11.0#

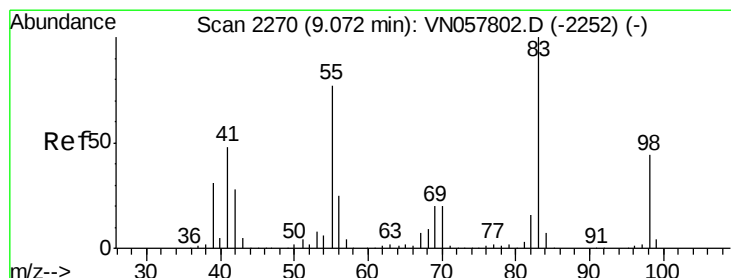
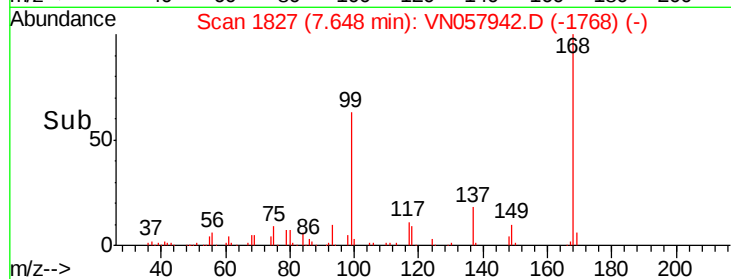
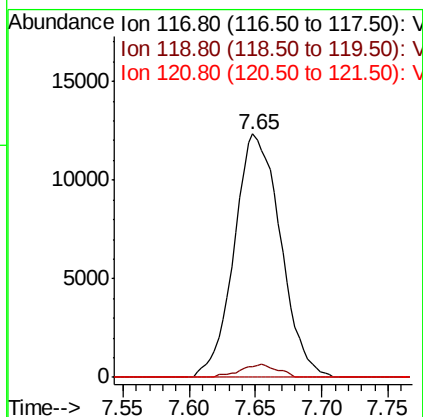
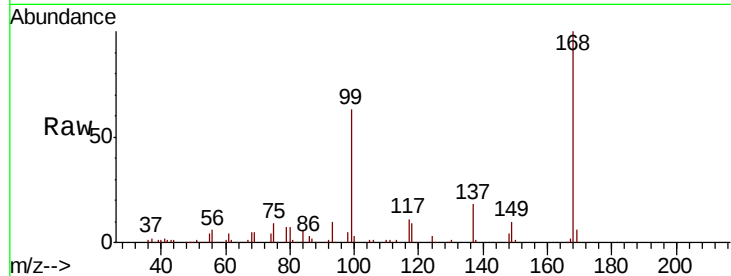




#38
Carbon Tetrachloride
Concen: 5.877 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. -0.11 min
Lab File: VN057942.D
Acq: 11 Sep 2019 22:23

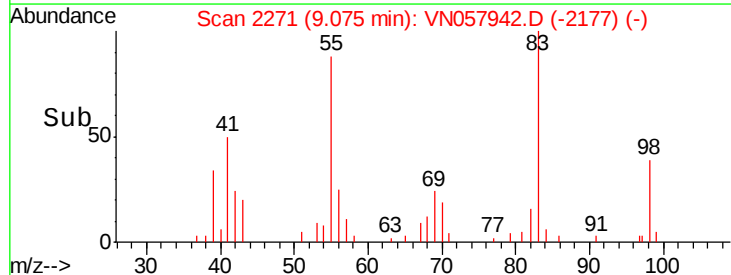
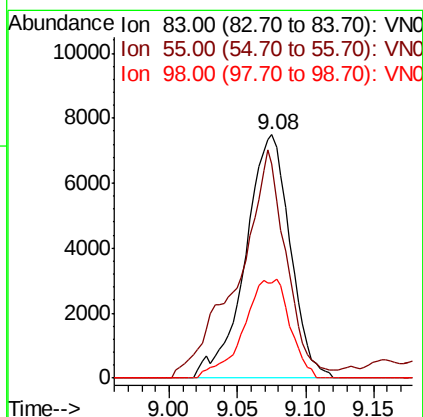
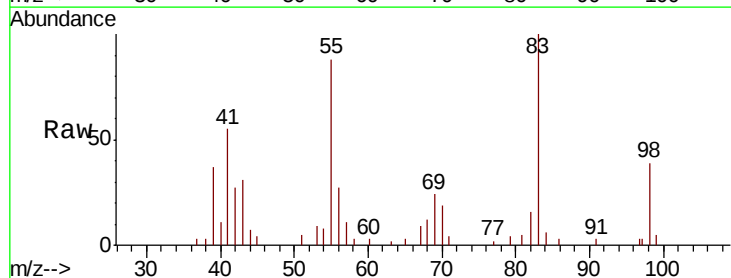
Instrument :
MSVOA_N
ClientSampled :
PZ-2

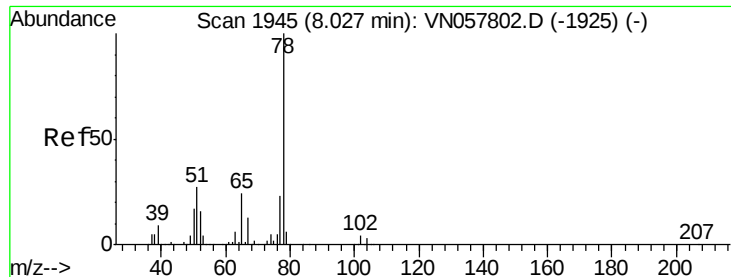
Tgt Ion:117 Resp: 29971
Ion Ratio Lower Upper
117 100
119 4.3 76.9 115.3#
121 0.0 23.4 35.2#



#39
Methylcyclohexane
Concen: 2.899 ug/l
RT: 9.08 min Scan# 2271
Delta R.T. 0.00 min
Lab File: VN057942.D
Acq: 11 Sep 2019 22:23

Tgt Ion: 83 Resp: 17022
Ion Ratio Lower Upper
83 100
55 84.5 61.6 92.4
98 39.3 34.9 52.3





#40

Benzene

Concen: 2.588 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN057942.D

Acq: 11 Sep 2019 22:23

Instrument :

MSVOA_N

ClientSampleId :

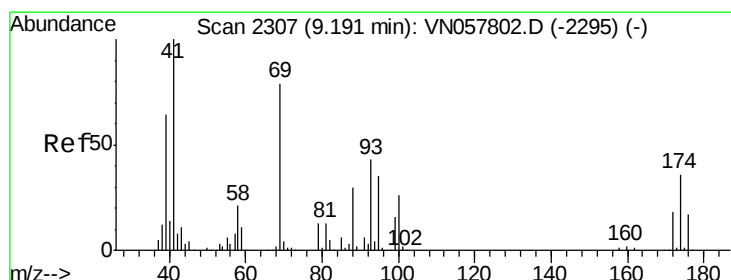
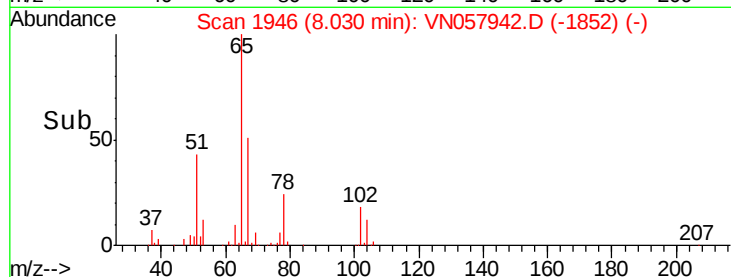
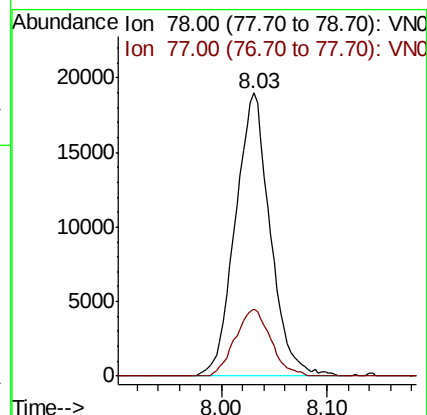
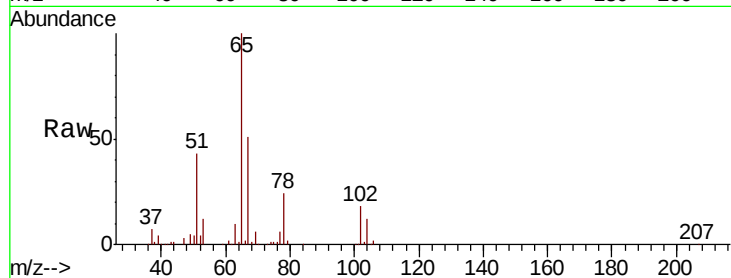
PZ-2

Tgt Ion: 78 Resp: 43522

Ion Ratio Lower Upper

78 100

77 23.6 18.3 27.5



#48

Methyl methacrylate

Concen: 0.792 ug/l

RT: 9.16 min Scan# 2298

Delta R.T. -0.03 min

Lab File: VN057942.D

Acq: 11 Sep 2019 22:23

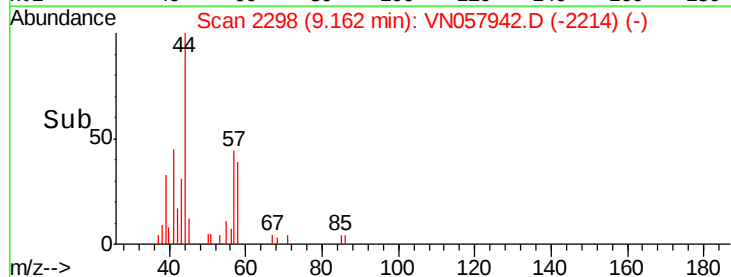
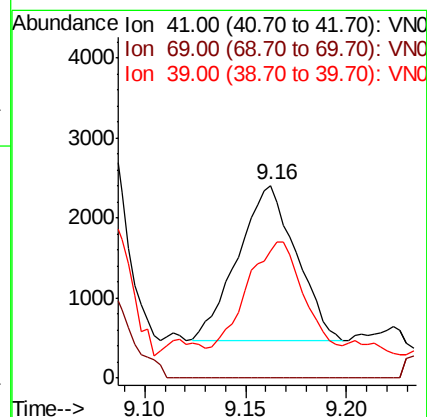
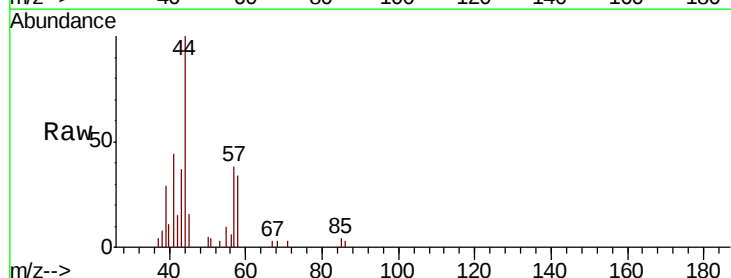
Tgt Ion: 41 Resp: 3900

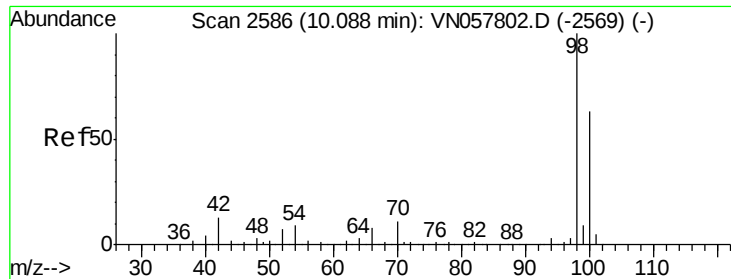
Ion Ratio Lower Upper

41 100

69 0.0 62.7 94.1#

39 67.7 52.7 79.1





#50

Toluene-d8

Concen: 48.130 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN057942.D

Acq: 11 Sep 2019 22:23

Instrument :

MSVOA_N

ClientSampled :

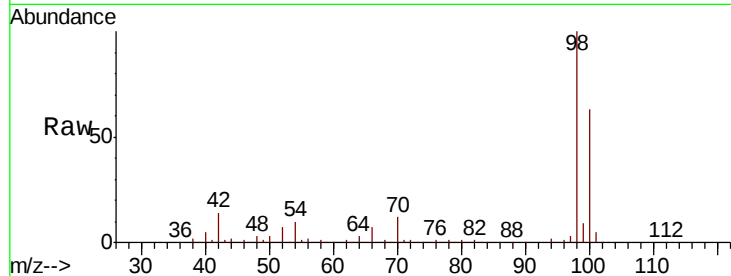
PZ-2

Tgt Ion: 98 Resp: 830699

Ion Ratio Lower Upper

98 100

100 63.2 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VN057802.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN057802.D (-2569) (-)

10.09

500000

400000

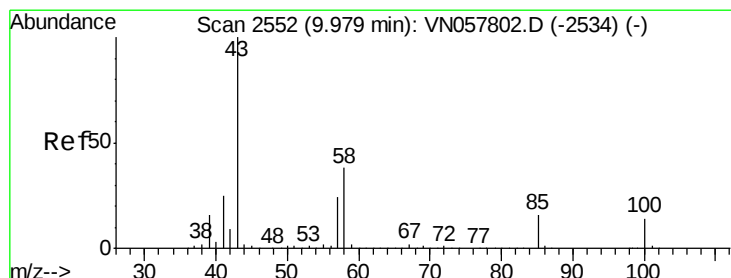
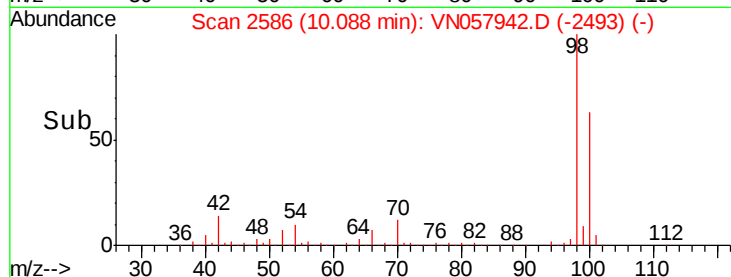
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 1.078 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.01 min

Lab File: VN057942.D

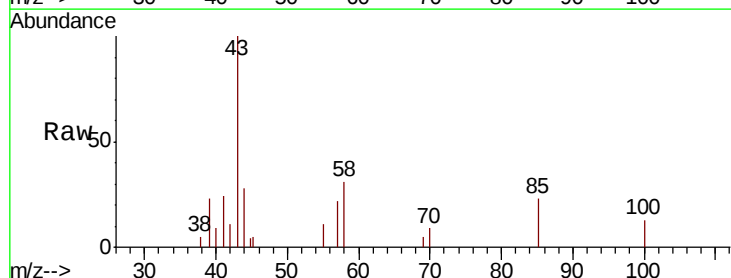
Acq: 11 Sep 2019 22:23

Tgt Ion: 43 Resp: 6191

Ion Ratio Lower Upper

43 100

58 38.0 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VN057802.D (-2534) (-)

Ion 58.00 (57.70 to 58.70): VN057802.D (-2534) (-)

9.99

5000

4000

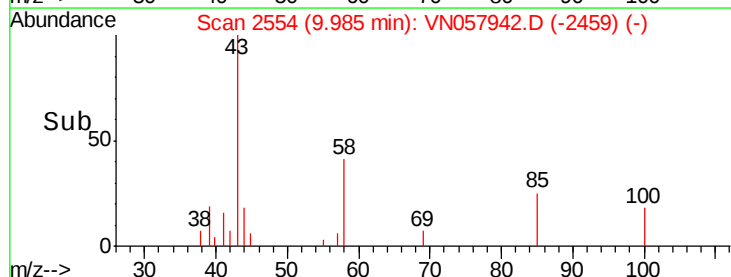
3000

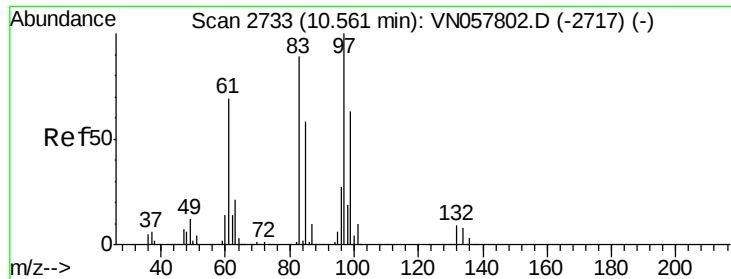
2000

1000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 0.821 ug/l

RT: 10.53 min Scan# 2722

Delta R.T. -0.04 min

Lab File: VN057942.D

Acq: 11 Sep 2019 22:23

Instrument :

MSVOA_N

ClientSampleId :

PZ-2

Tgt Ion: 97 Resp: 3684

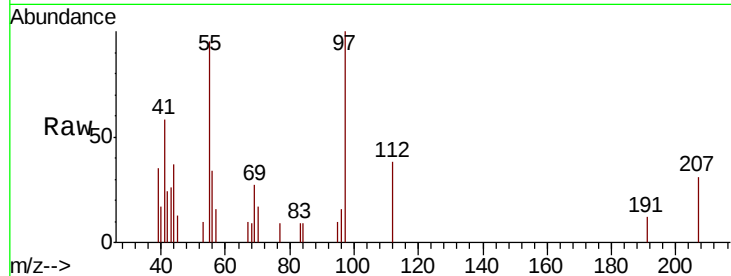
Ion Ratio Lower Upper

97 100

83 8.5 70.8 106.2#

85 0.0 46.0 69.0#

99 0.0 50.6 76.0#

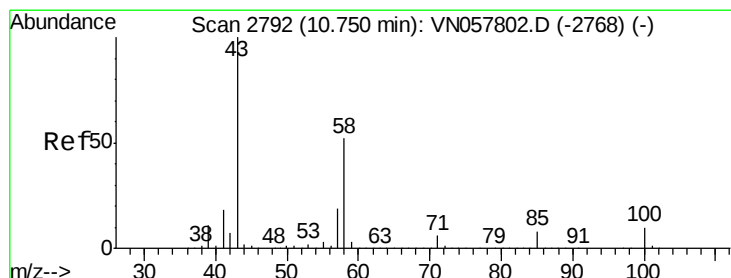
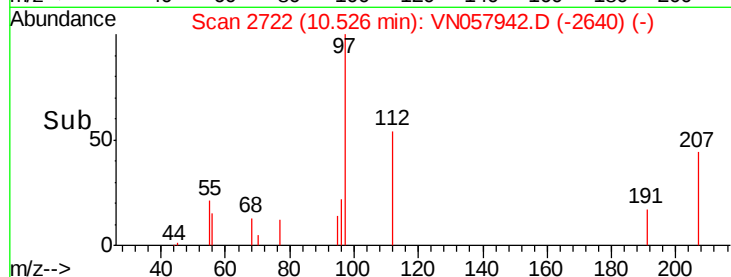
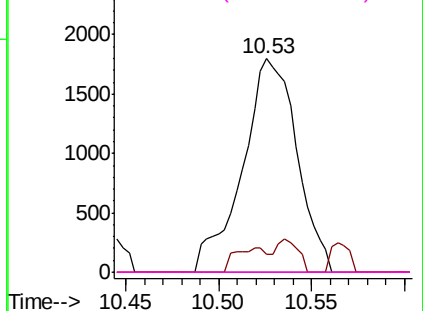


Abundance Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#59

2-Hexanone

Concen: 3.803 ug/l

RT: 10.75 min Scan# 2793

Delta R.T. 0.00 min

Lab File: VN057942.D

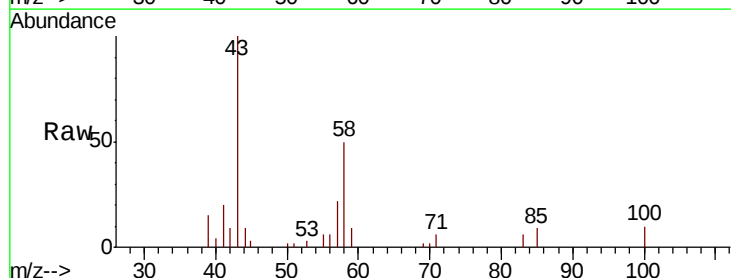
Acq: 11 Sep 2019 22:23

Tgt Ion: 43 Resp: 16372

Ion Ratio Lower Upper

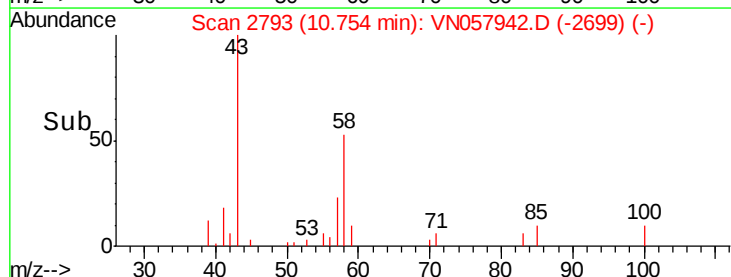
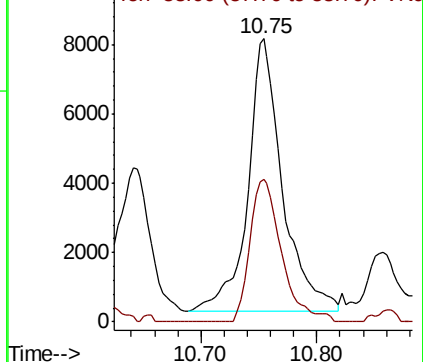
43 100

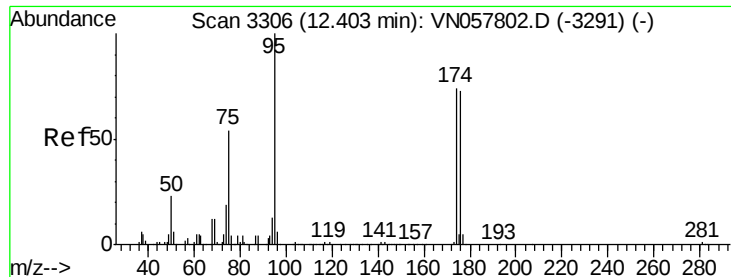
58 47.9 25.6 76.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#62

4-Bromofluorobenzene

Concen: 43.035 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN057942.D

Acq: 11 Sep 2019 22:23

Instrument :

MSVOA_N

ClientSampled :

PZ-2

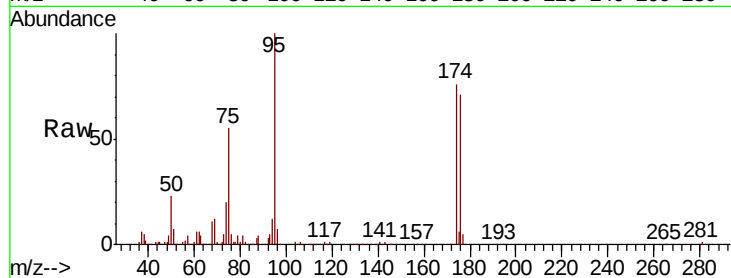
Tgt Ion: 95 Resp: 283058

Ion Ratio Lower Upper

95 100

174 74.8 0.0 150.2

176 71.3 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN057802.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN057802.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN057802.D (-3291) (-)

12.41

200000

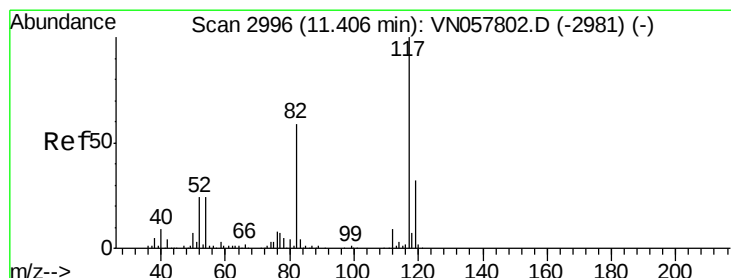
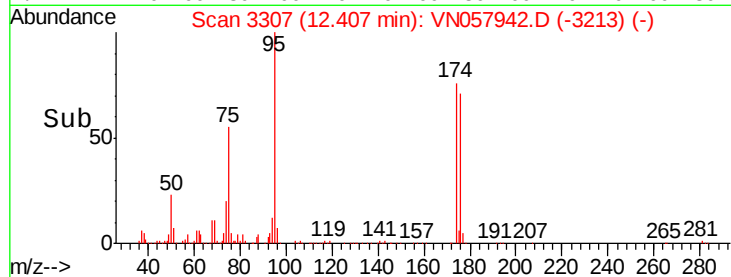
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057942.D

Acq: 11 Sep 2019 22:23

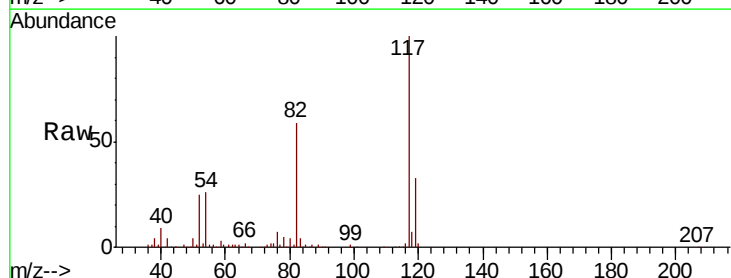
Tgt Ion: 117 Resp: 435615

Ion Ratio Lower Upper

117 100

82 59.1 47.2 70.8

119 32.6 25.3 37.9



Abundance Ion 116.90 (116.60 to 117.60): VN057802.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN057802.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN057802.D (-2981) (-)

11.41

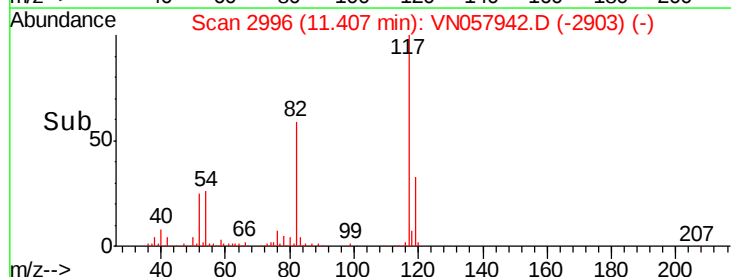
300000

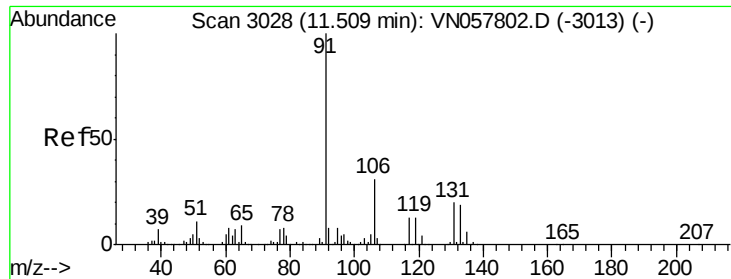
200000

100000

0

Time--> 11.30 11.40 11.50





#67

Ethyl Benzene

Concen: 0.449 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN057942.D

Acq: 11 Sep 2019 22:23

Instrument :

MSVOA_N

ClientSampled :

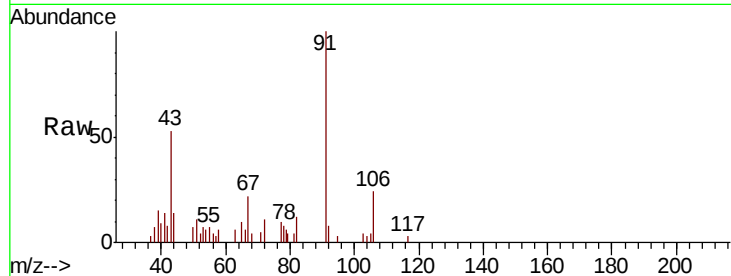
PZ-2

Tgt Ion: 91 Resp: 8974

Ion Ratio Lower Upper

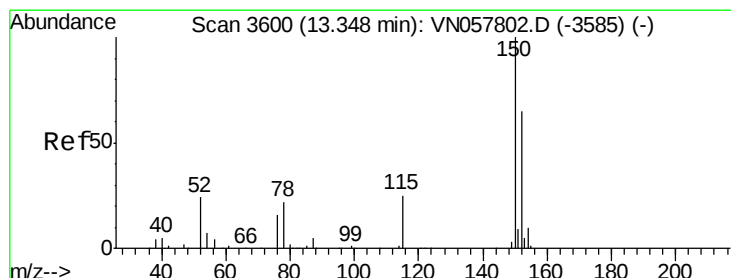
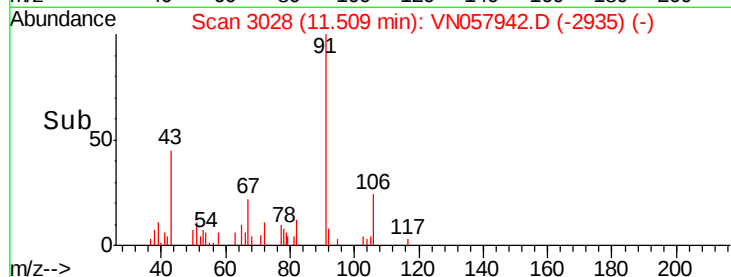
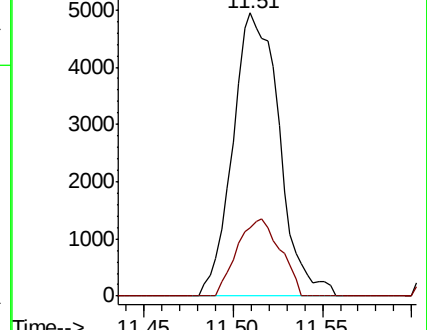
91 100

106 24.3 24.4 36.6#



Abundance Ion 91.00 (90.70 to 91.70): VN057802.D (-3013) (-)

Ion 106.00 (105.70 to 106.70): VN057802.D (-3013) (-)



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057942.D

Acq: 11 Sep 2019 22:23

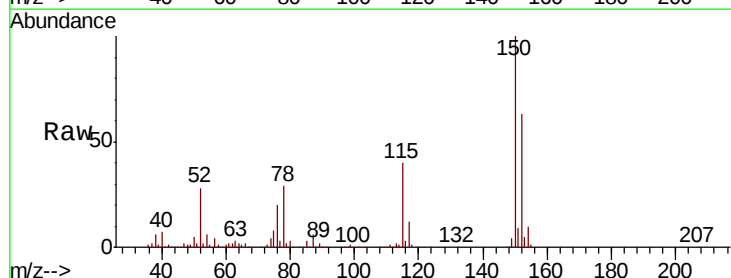
Tgt Ion: 152 Resp: 228180

Ion Ratio Lower Upper

152 100

115 61.6 30.3 91.0

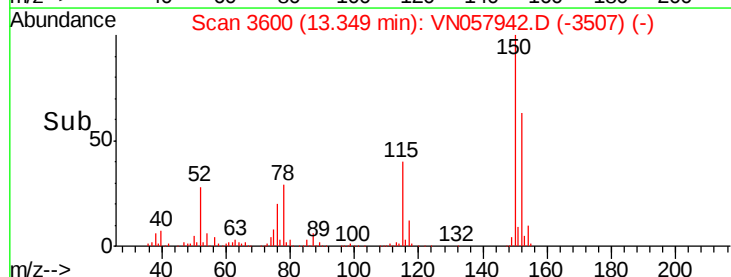
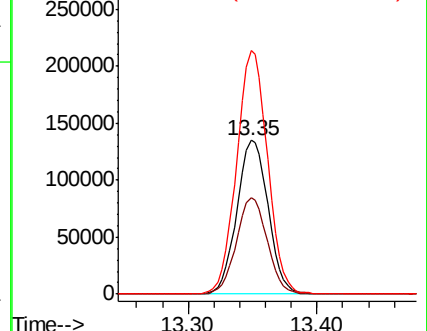
150 156.0 0.0 352.4

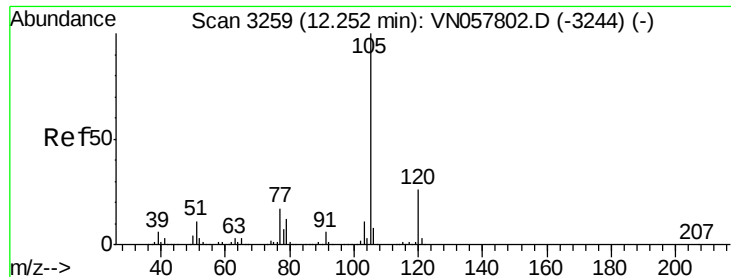


Abundance Ion 151.90 (151.60 to 152.60): VN057802.D (-3585) (-)

Ion 114.90 (114.60 to 115.60): VN057802.D (-3585) (-)

Ion 149.90 (149.60 to 150.60): VN057802.D (-3585) (-)





#73

Isopropylbenzene

Concen: 0.840 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN057942.D

Acq: 11 Sep 2019 22:23

Instrument :

MSVOA_N

ClientSampled :

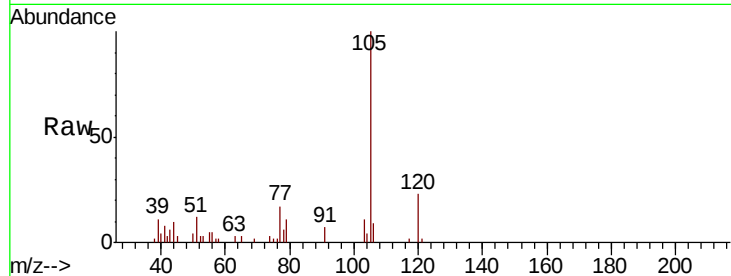
PZ-2

Tgt Ion: 105 Resp: 14880

Ion Ratio Lower Upper

105 100

120 23.2 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

10000

8000

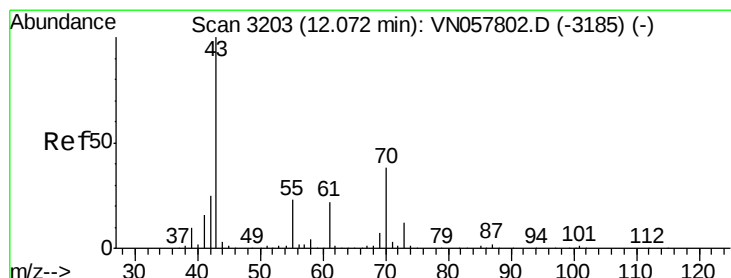
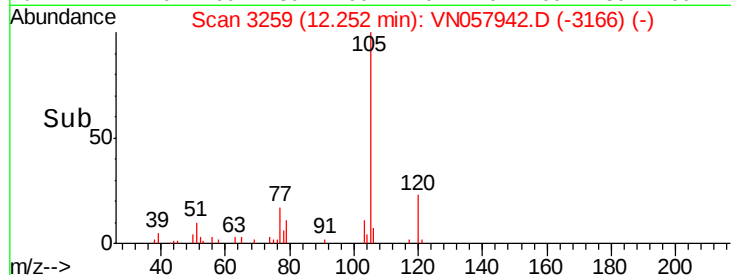
6000

4000

2000

0

Time-->



#74

N-ethyl acetate

Concen: 0.874 ug/l

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN057942.D

Acq: 11 Sep 2019 22:23

Tgt Ion: 43 Resp: 6731

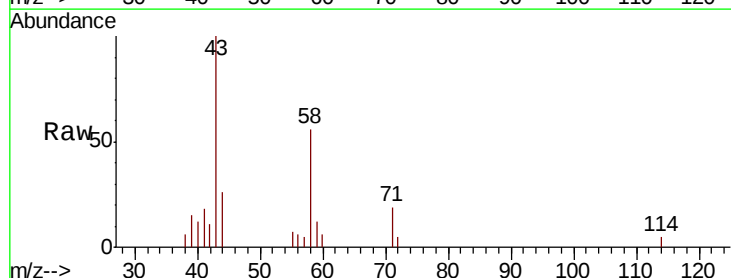
Ion Ratio Lower Upper

43 100

70 0.0 30.6 45.8#

55 0.7 18.6 27.8#

61 0.0 17.4 26.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

5000

4000

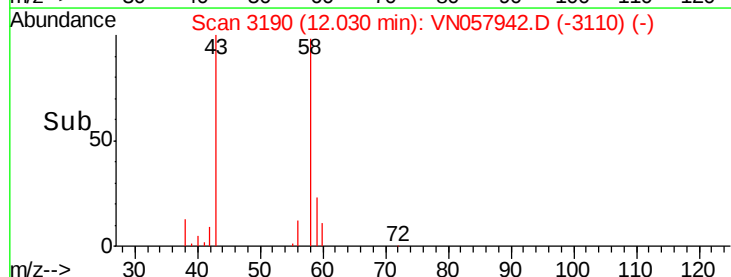
3000

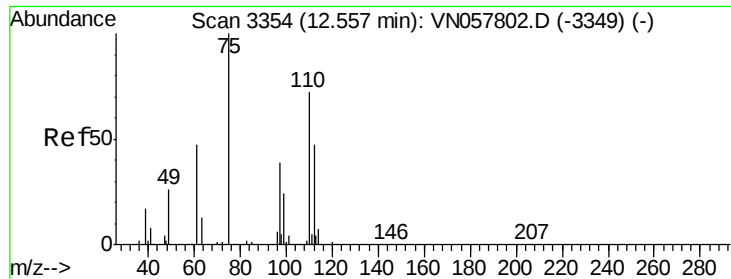
2000

1000

0

Time-->

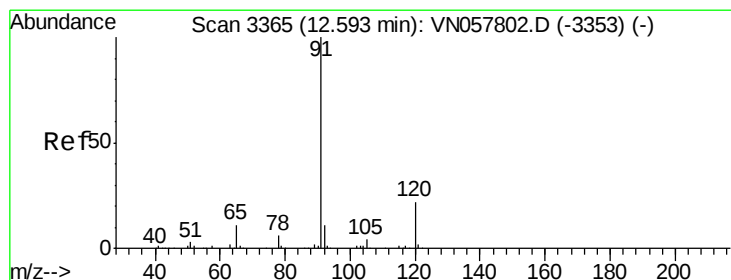
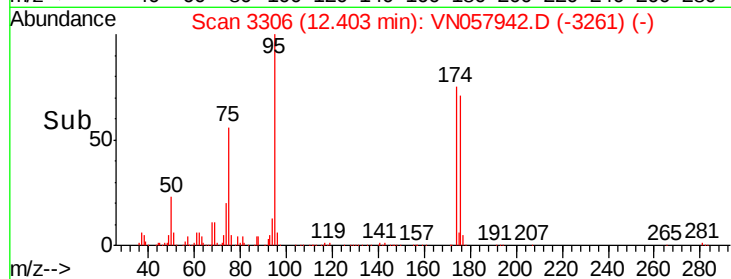
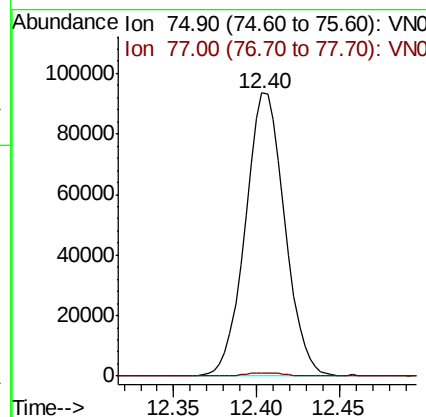
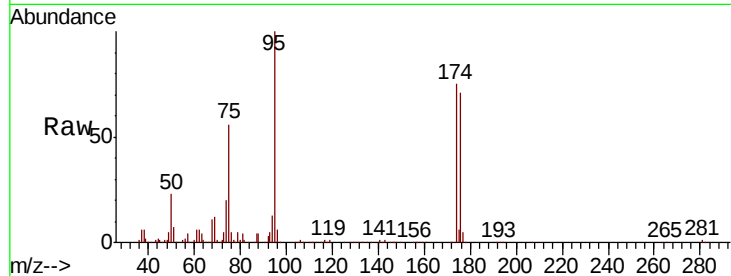




#76
 1,2,3-Trichloropropane
 Concen: 29.950 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. -0.15 min
 Lab File: VN057942.D
 Acq: 11 Sep 2019 22:23

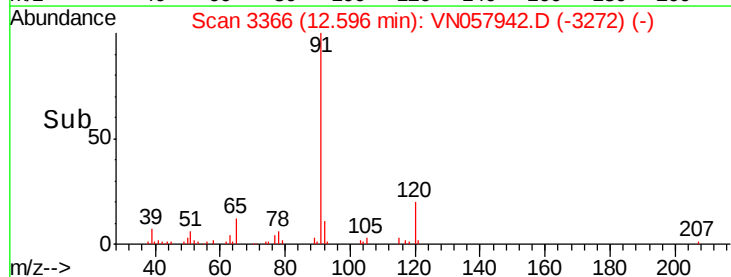
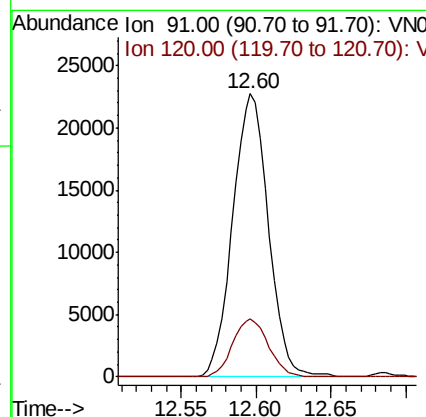
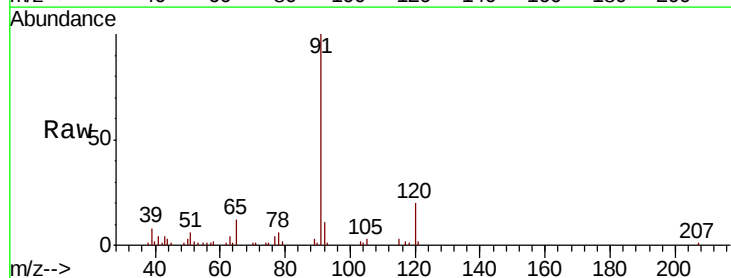
Instrument :
 MSVOA_N
 ClientSampled :
 PZ-2

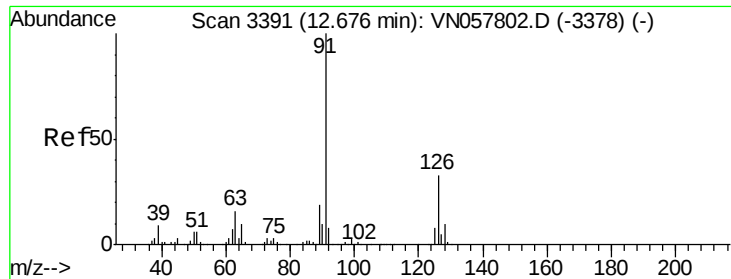
Tgt Ion: 75 Resp: 154598
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#



#78
 n-propylbenzene
 Concen: 1.856 ug/l
 RT: 12.60 min Scan# 3366
 Delta R.T. 0.00 min
 Lab File: VN057942.D
 Acq: 11 Sep 2019 22:23

Tgt Ion: 91 Resp: 37738
 Ion Ratio Lower Upper
 91 100
 120 20.2 11.1 33.1





#79

2-Chlorotoluene

Concen: 2.937 ug/l

RT: 12.60 min Scan# 3366

Delta R.T. -0.08 min

Lab File: VN057942.D

Acq: 11 Sep 2019 22:23

Instrument :

MSVOA_N

ClientSampled :

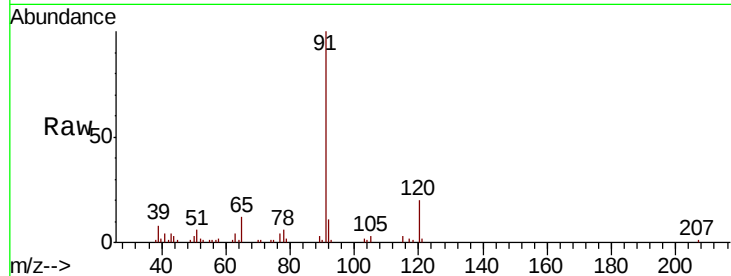
PZ-2

Tgt Ion: 91 Resp: 37738

Ion Ratio Lower Upper

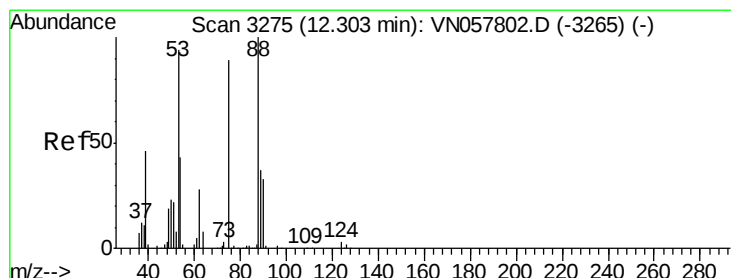
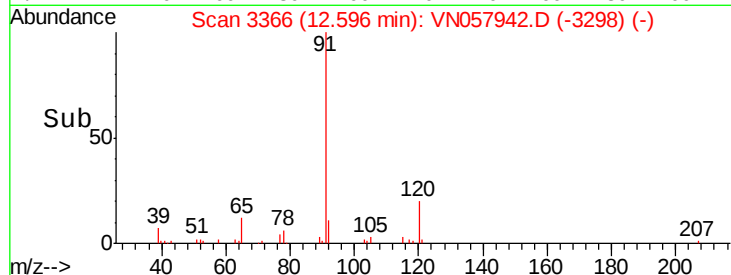
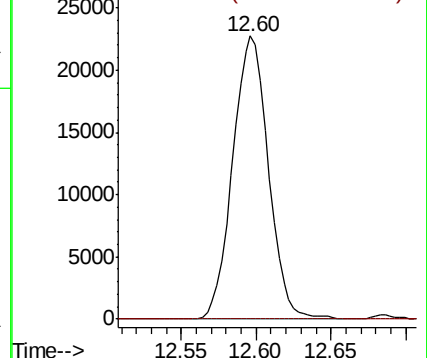
91 100

126 0.0 16.4 49.2#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): VN



#81

trans-1,4-Dichloro-2-butene

Concen: 105.395 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN057942.D

Acq: 11 Sep 2019 22:23

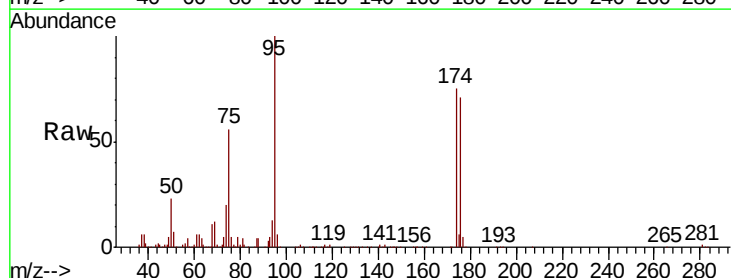
Tgt Ion: 75 Resp: 154598

Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

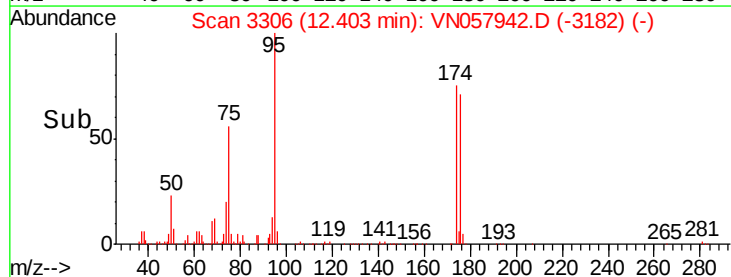
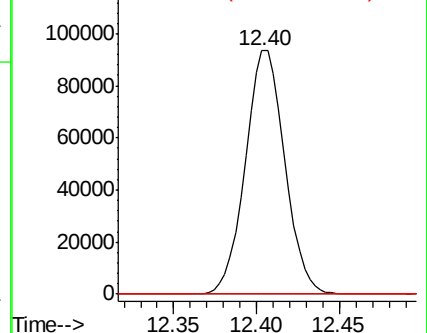
89 0.0 35.3 52.9#

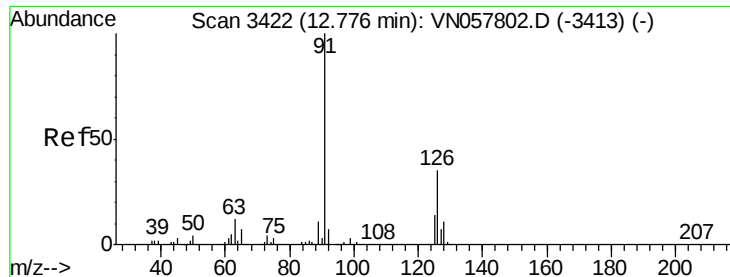


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0





#82

4-Chlorotoluene

Concen: 2.860 ug/l

RT: 12.60 min Scan# 3366

Delta R.T. -0.18 min

Lab File: VN057942.D

Acq: 11 Sep 2019 22:23

Instrument :

MSVOA_N

ClientSampled :

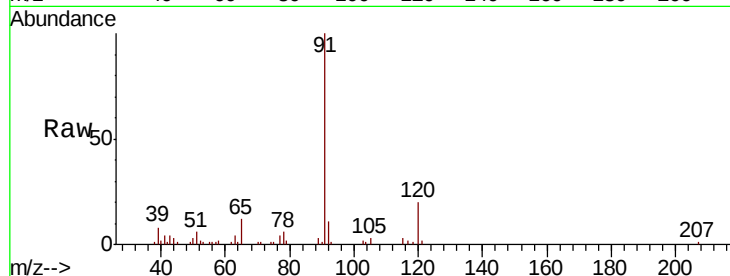
PZ-2

Tgt Ion: 91 Resp: 37738

Ion Ratio Lower Upper

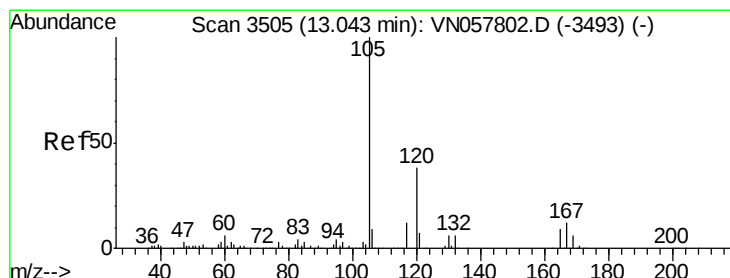
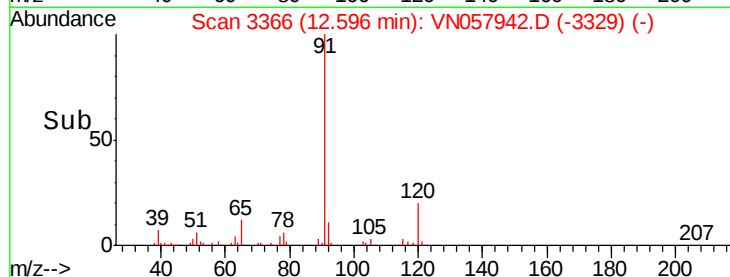
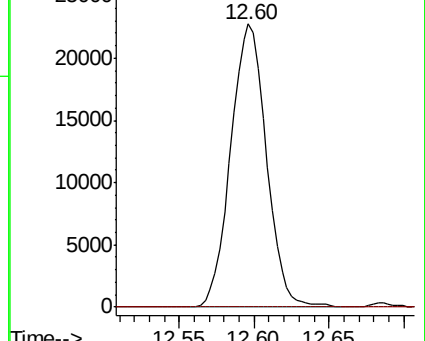
91 100

126 0.0 16.0 48.0#



Abundance Ion 91.00 (90.70 to 91.70): VN057802.D (-3413) (-)

Ion 125.90 (125.60 to 126.60): VN057802.D (-3413) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.271 ug/l

RT: 12.90 min Scan# 3461

Delta R.T. -0.14 min

Lab File: VN057942.D

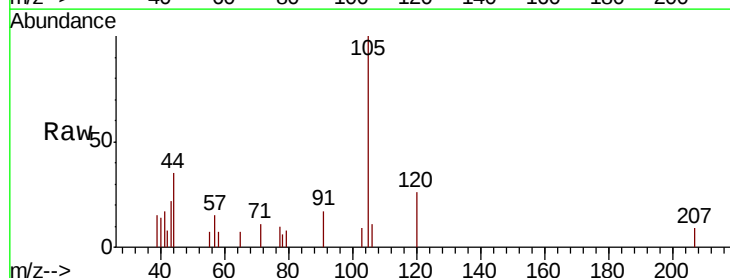
Acq: 11 Sep 2019 22:23

Tgt Ion: 105 Resp: 4126

Ion Ratio Lower Upper

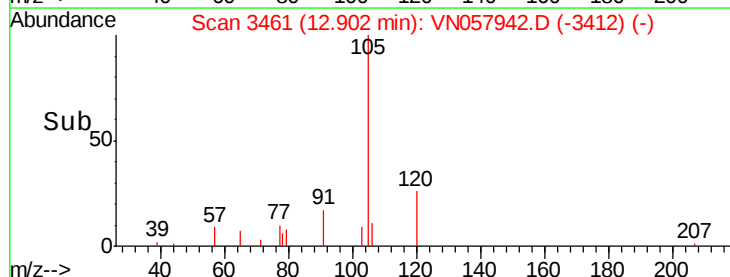
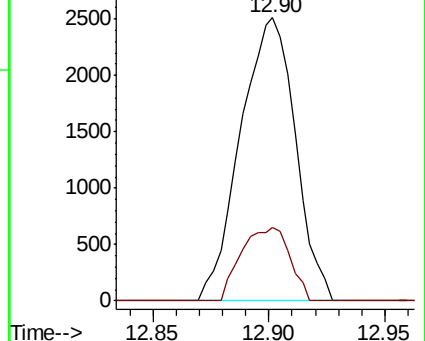
105 100

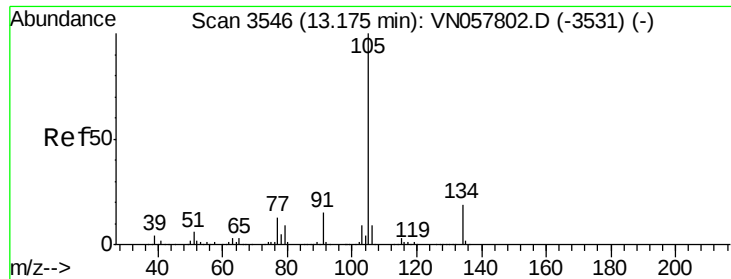
120 22.8 22.4 67.2



Abundance Ion 105.00 (104.70 to 105.70): VN057802.D (-3493) (-)

Ion 120.00 (119.70 to 120.70): VN057802.D (-3493) (-)

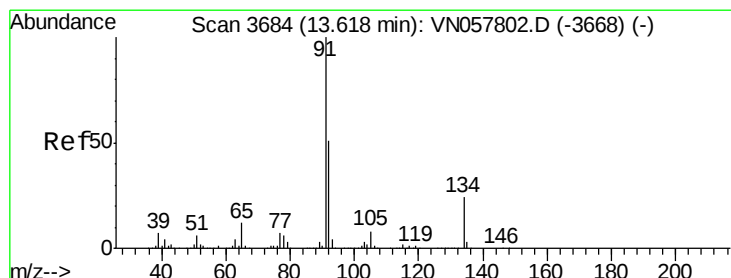
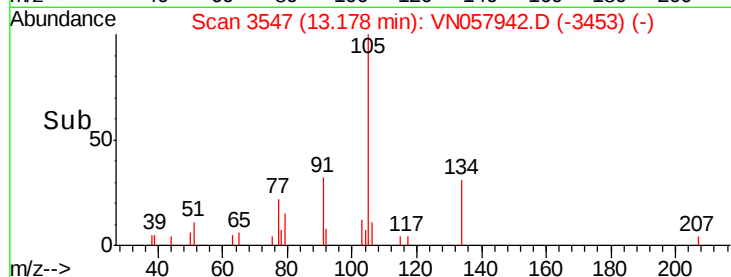
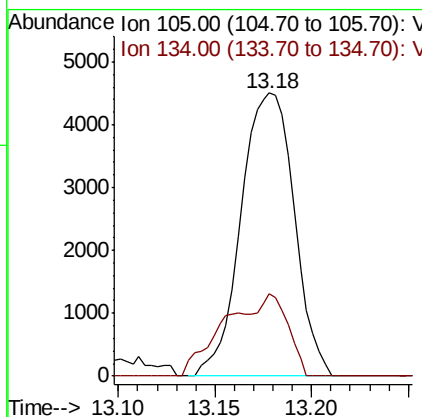
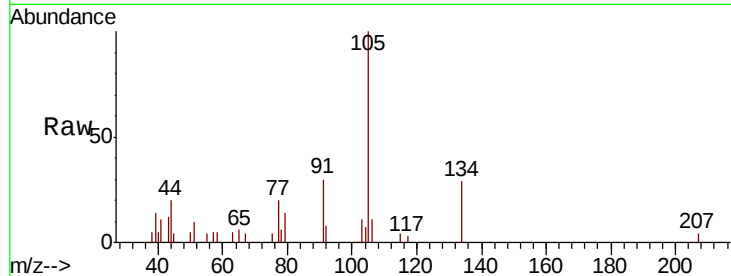




#85
 sec-Butylbenzene
 Concen: 0.489 ug/l
 RT: 13.18 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: VN057942.D
 Acq: 11 Sep 2019 22:23

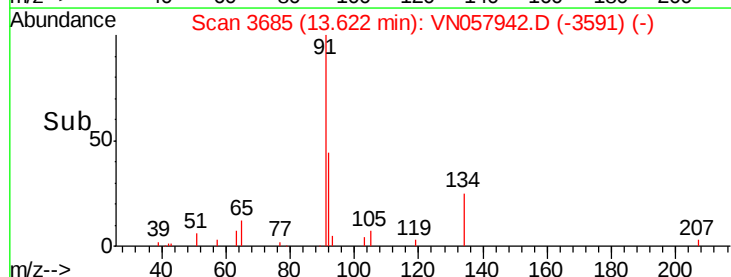
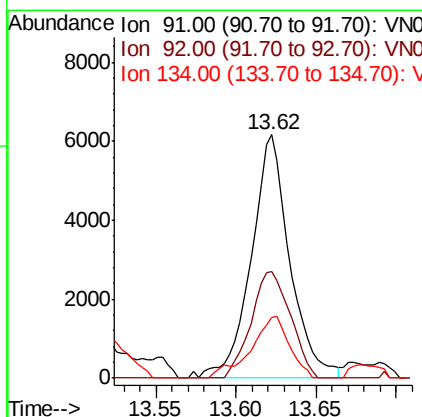
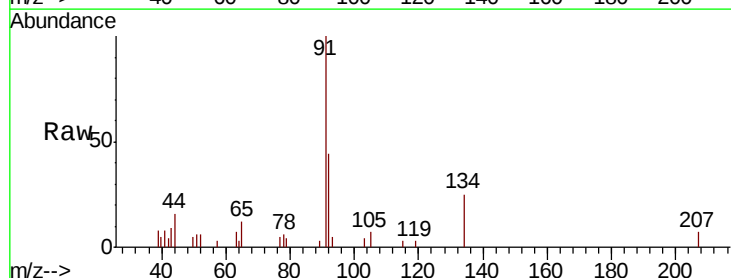
Instrument :
 MSVOA_N
 ClientSampleId :
 PZ-2

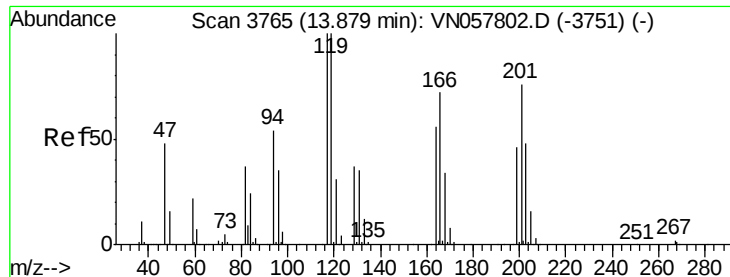
Tgt Ion: 105 Resp: 8616
 Ion Ratio Lower Upper
 105 100
 134 14.3 9.6 28.6



#89
 n-Butylbenzene
 Concen: 0.699 ug/l
 RT: 13.62 min Scan# 3685
 Delta R.T. 0.00 min
 Lab File: VN057942.D
 Acq: 11 Sep 2019 22:23

Tgt Ion: 91 Resp: 10250
 Ion Ratio Lower Upper
 91 100
 92 44.6 25.7 77.0
 134 25.3 11.9 35.7





#90

Hexachloroethane

Concen: 0.370 ug/l

RT: 13.96 min Scan# 3789

Delta R.T. 0.08 min

Lab File: VN057942.D

Acq: 11 Sep 2019 22:23

Instrument :

MSVOA_N

ClientSampled :

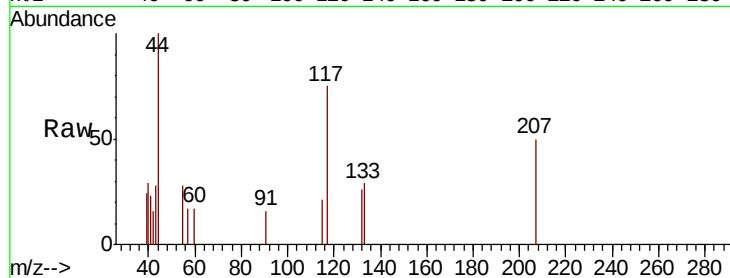
PZ-2

Tgt Ion:117 Resp: 854

Ion Ratio Lower Upper

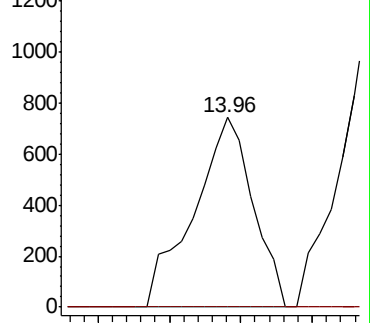
117 100

201 0.0 37.5 112.7#

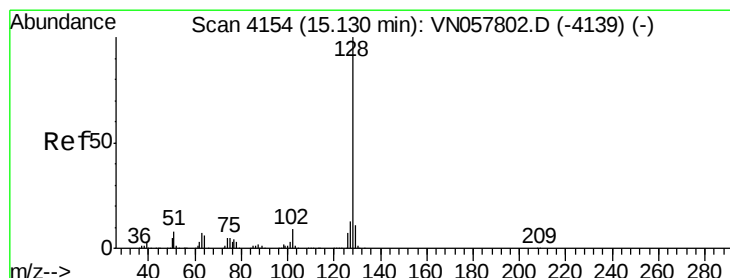
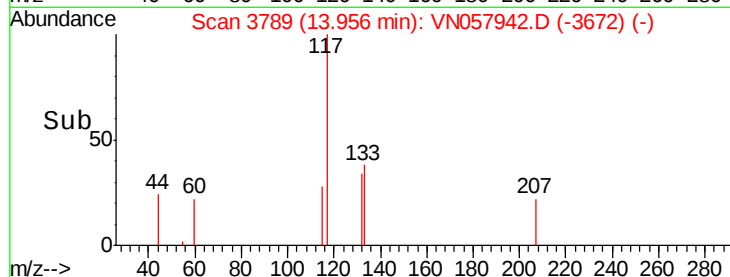


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



Time-->



#95

Naphthalene

Concen: Below Cal

RT: 15.14 min Scan# 4156

Delta R.T. 0.01 min

Lab File: VN057942.D

Acq: 11 Sep 2019 22:23

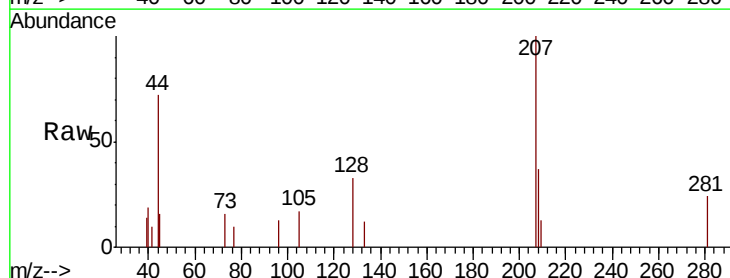
Tgt Ion:128 Resp: 700

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

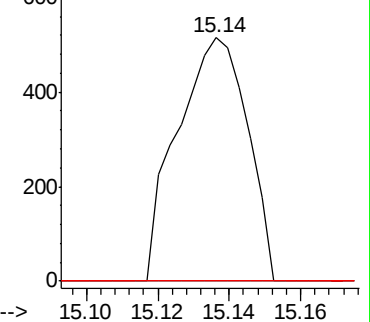
129 0.0 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time-->

