

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091419\
 Data File : VN058054.D
 Acq On : 14 Sep 2019 6:22
 Operator : JC/SP
 Sample : PB123072TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 16 01:55:38 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	333192	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	570716	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	521238	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	264602	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	386538	57.28	ug/l	0.00
Spiked Amount			Recovery	=	114.56%	
35) Dibromofluoromethane	7.58	113	270094	51.28	ug/l	0.00
Spiked Amount			Recovery	=	102.56%	
50) Toluene-d8	10.09	98	1038536	50.78	ug/l	0.00
Spiked Amount			Recovery	=	101.56%	
62) 4-Bromofluorobenzene	12.40	95	336369	43.16	ug/l	0.00
Spiked Amount			Recovery	=	86.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	963	0.205	ug/l	91
5) Bromomethane	2.52	94	102	Below Cal	#	2
11) Tert butyl alcohol	4.74	59	1408	1.724	ug/l #	72
16) Acetone	3.80	43	15708	7.100	ug/l	94
17) Carbon Disulfide	4.04	76	1024	0.343	ug/l #	75
18) Methyl Acetate	4.31	43	7442	1.262	ug/l	92
20) Methylene Chloride	4.53	84	11196	1.463	ug/l	94
25) 2-Butanone	6.82	43	7025	2.194	ug/l #	83
29) Tetrahydrofuran	7.20	42	2091	1.060	ug/l #	63
31) Cyclohexane	7.64	56	8911	Below Cal	#	30
36) 1,1-Dichloropropene	7.65	75	29205	4.412	ug/l #	50
38) Carbon Tetrachloride	7.65	117	34254	5.668	ug/l #	15
43) Isopropyl Acetate	8.15	43	121354	10.552	ug/l #	86
45) 1,2-Dichloropropane	9.26	63	2123	0.366	ug/l #	44
48) Methyl methacrylate	9.17	41	7029	1.205	ug/l #	13
49) 1,4-Dioxane	9.20	88	94	0.953	ug/l #	23
51) 4-Methyl-2-Pentanone	9.98	43	8188	1.203	ug/l #	84
52) Toluene	10.15	92	2642	0.211	ug/l	87
54) cis-1,3-Dichloropropene	9.90	75	44539	5.475	ug/l #	65
59) 2-Hexanone	10.76	43	123595	24.230	ug/l #	56
74) N-amyl acetate	12.07	43	2567	0.287	ug/l #	83
76) 1,2,3-Trichloropropane	12.40	75	182203	30.439	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.74	105	9572	0.552	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.40	75	182203	107.117	ug/l #	6
87) 1,3-Dichlorobenzene	13.29	146	1915	0.204	ug/l	93
88) 1,4-Dichlorobenzene	13.29	146	1915	0.201	ug/l	93
89) n-Butylbenzene	13.62	91	3941	0.232	ug/l	93
91) 1,2-Dichlorobenzene	13.67	146	2110	0.225	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.28	75	254	0.222	ug/l #	26
93) 1,2,4-Trichlorobenzene	14.92	180	4448	0.725	ug/l	97
94) Hexachlorobutadiene	15.02	225	609	0.234	ug/l	70
95) Naphthalene	15.13	128	22194	Below Cal		96
96) 1,2,3-Trichlorobenzene	15.30	180	5309	1.970	ug/l	97

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QLast Update : Tue Sep 10 03:02:13 2019
Response via : Initial Calibration

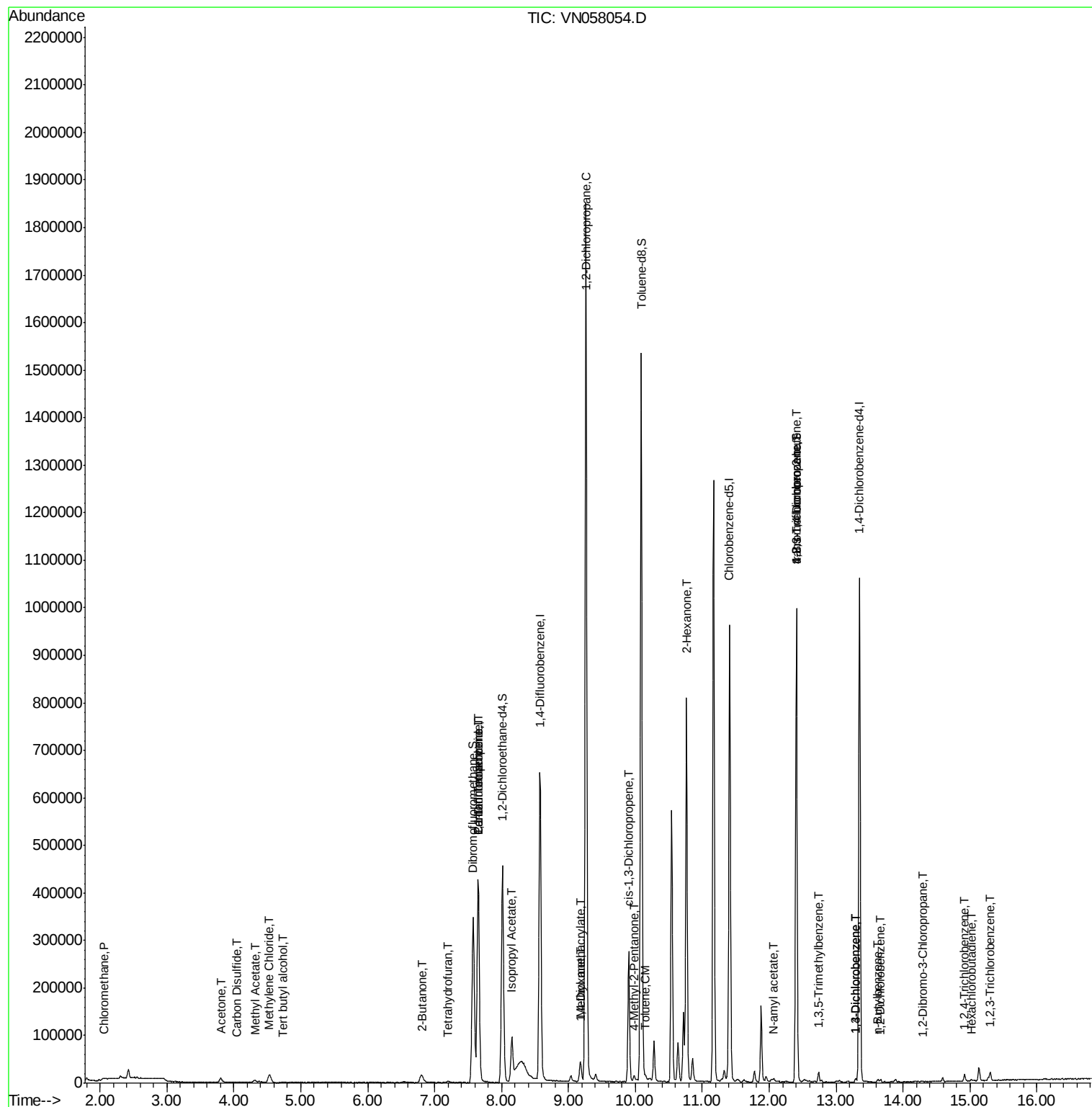
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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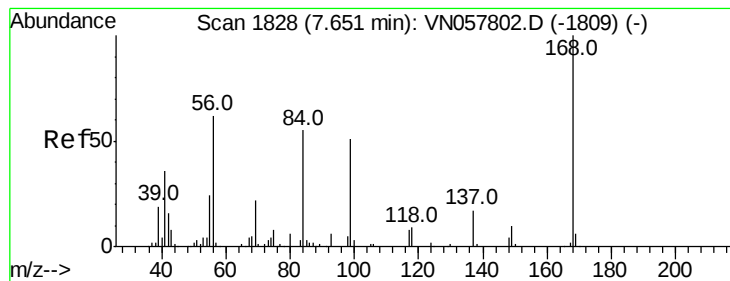
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091419\
Data File : VN058054.D
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058054.D

Acq: 14 Sep 2019 6:22

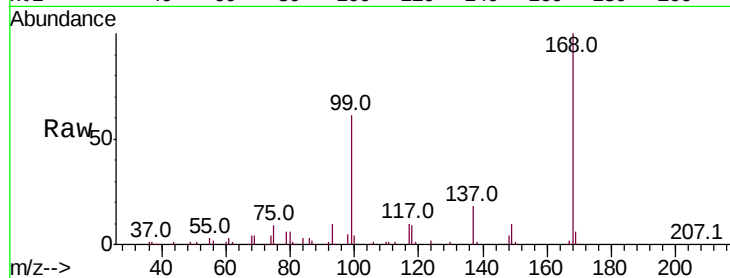
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 333192

Ion Ratio Lower Upper

168 100

99 61.5 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.65

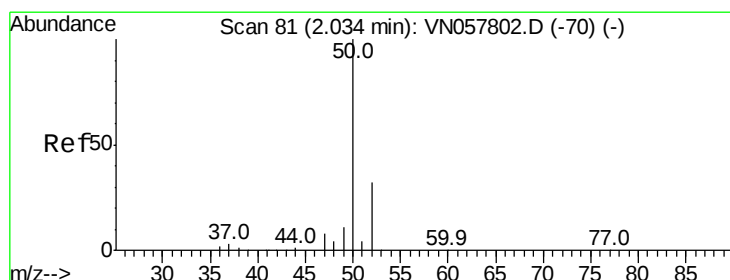
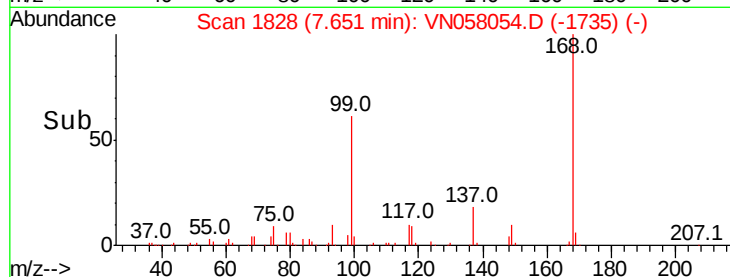
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.205 ug/l

RT: 2.04 min Scan# 84

Delta R.T. 0.01 min

Lab File: VN058054.D

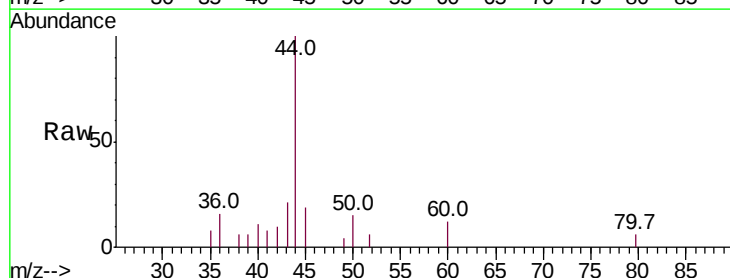
Acq: 14 Sep 2019 6:22

Tgt Ion: 50 Resp: 963

Ion Ratio Lower Upper

50 100

52 37.0 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.04

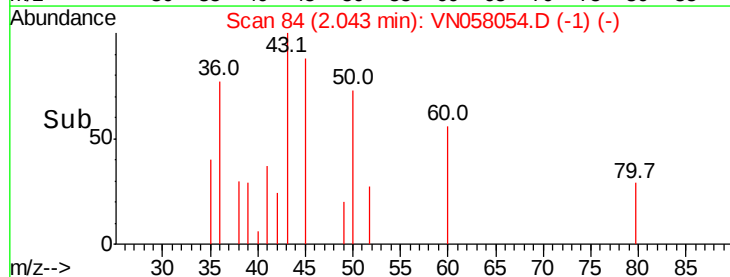
600

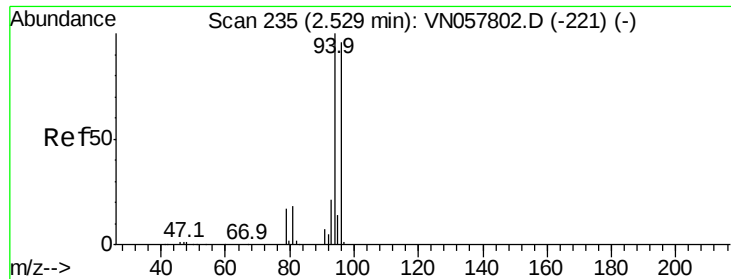
400

200

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.52 min Scan# 232

Delta R.T. -0.01 min

Lab File: VN058054.D

Acq: 14 Sep 2019 6:22

Instrument :

MSVOA_N

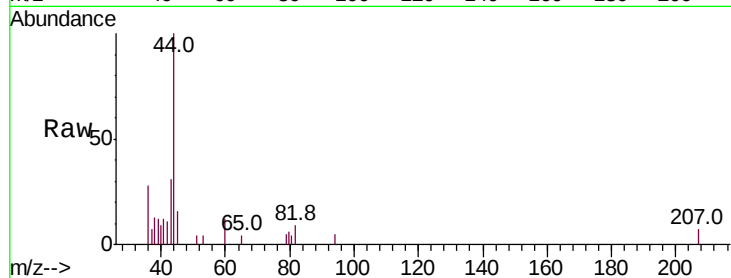
ClientSampleId :

Tot Ion: 94 Resp: 102

Ion Ratio Lower Upper

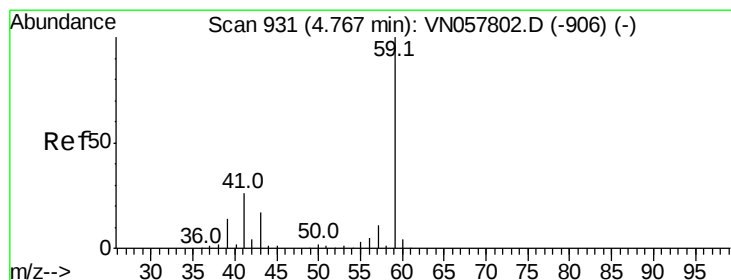
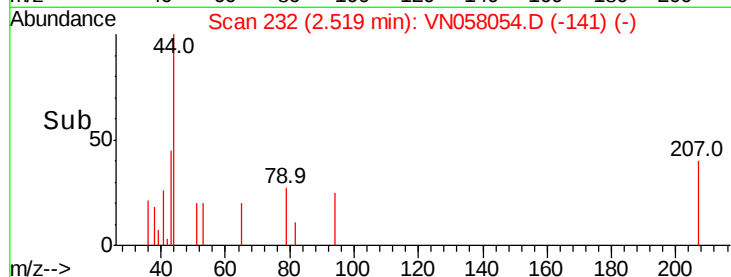
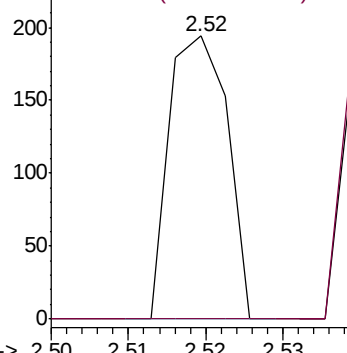
94 100

96 0.0 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: 1.724 ug/l

RT: 4.74 min Scan# 923

Delta R.T. -0.03 min

Lab File: VN058054.D

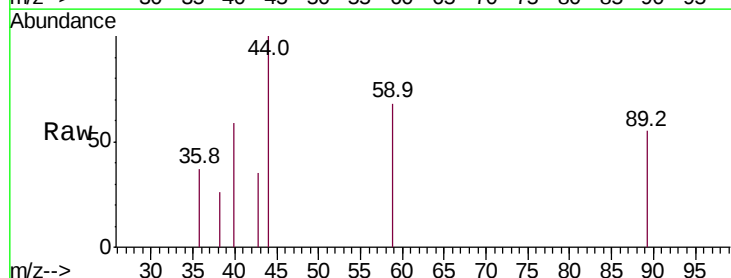
Acq: 14 Sep 2019 6:22

Tgt Ion: 59 Resp: 1408

Ion Ratio Lower Upper

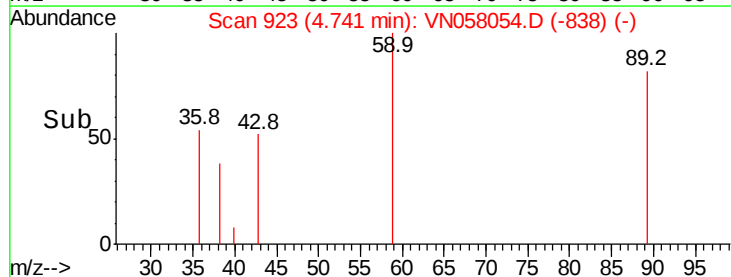
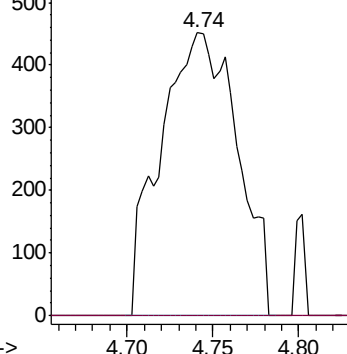
59 100

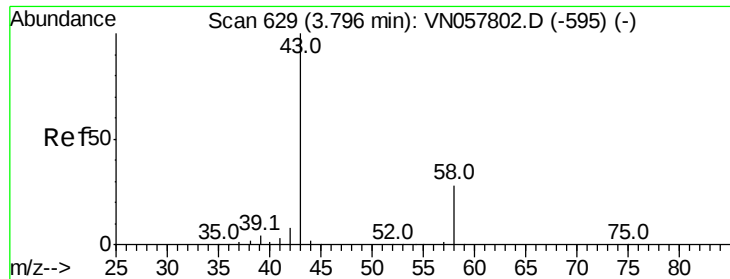
57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0





#16

Acetone

Concen: 7.100 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN058054.D

Acq: 14 Sep 2019 6:22

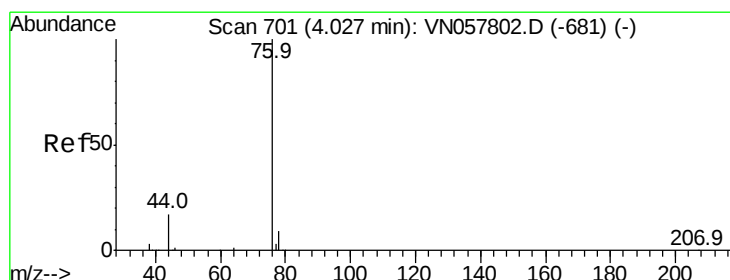
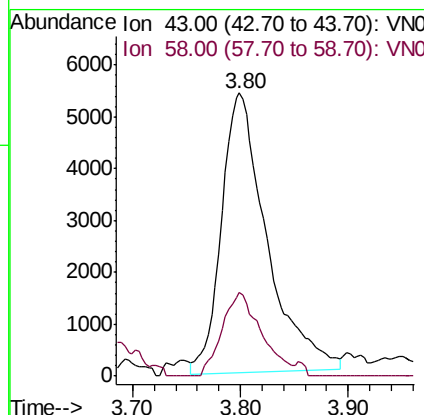
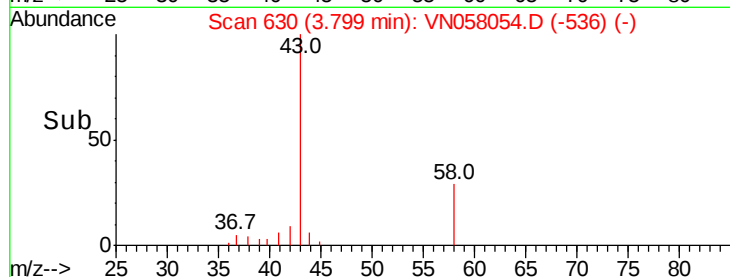
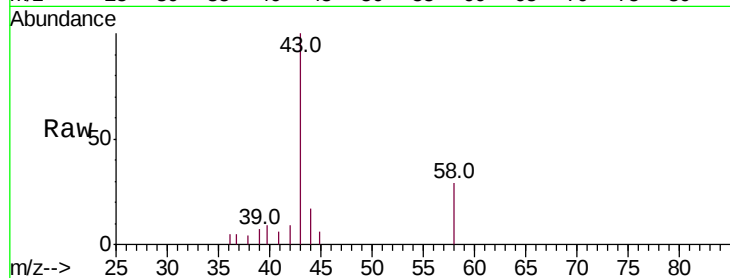
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 15708

Ion Ratio Lower Upper

43 100

58 30.9 22.2 33.2



#17

Carbon Disulfide

Concen: 0.343 ug/l

RT: 4.04 min Scan# 706

Delta R.T. 0.02 min

Lab File: VN058054.D

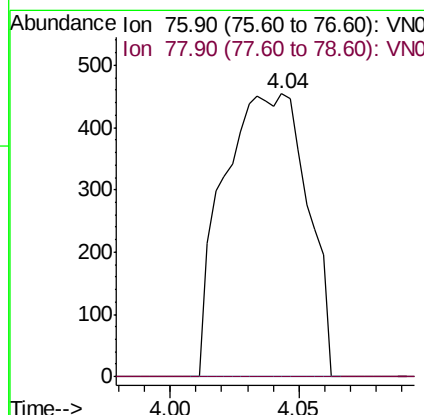
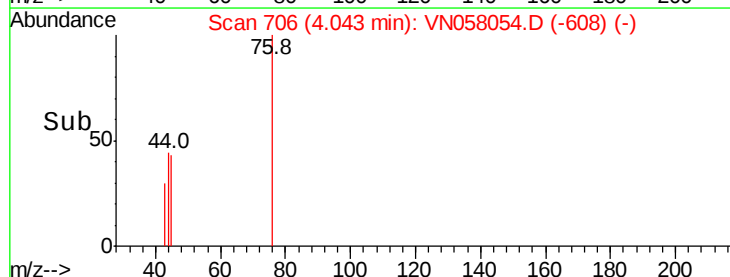
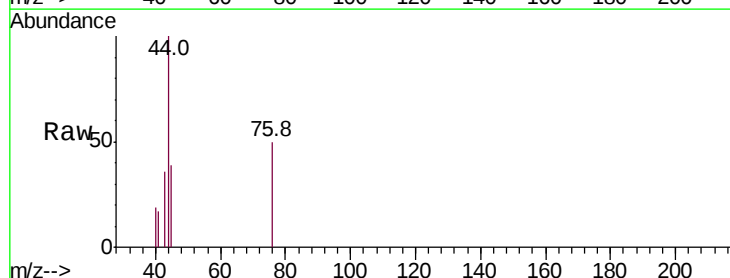
Acq: 14 Sep 2019 6:22

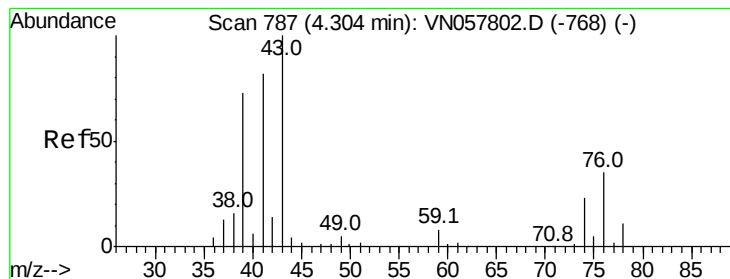
Tgt Ion: 76 Resp: 1024

Ion Ratio Lower Upper

76 100

78 0.0 7.1 10.7#





#18

Methvl Acetate

Concen: 1.262 ug/l

RT: 4.31 min Scan# 790

Delta R.T. 0.01 min

Lab File: VN058054.D

Acq: 14 Sep 2019 6:22

Instrument :

MSVOA_N

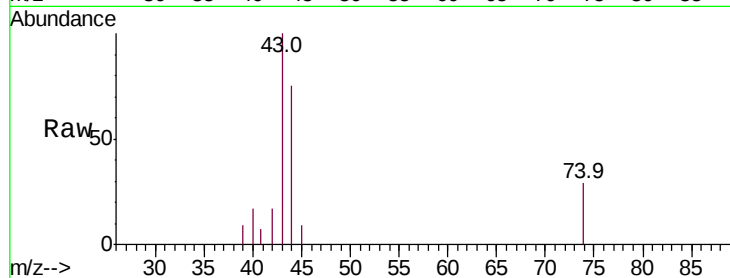
ClientSampled :

Tot Ion: 43 Resp: 7442

Ion Ratio Lower Upper

43 100

74 18.7 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 74.00 (73.70 to 74.70): VNC

2500

2000

1500

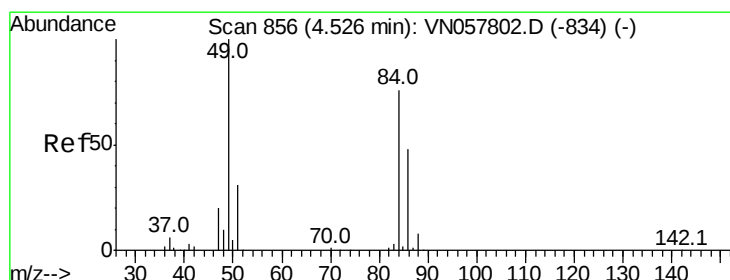
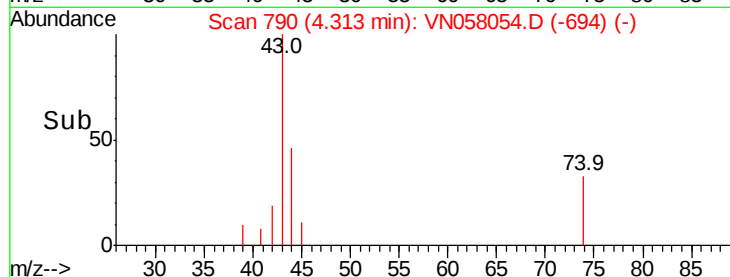
1000

500

0

4.25 4.30 4.35

Time-->



#20

Methylene Chloride

Concen: 1.463 ug/l

RT: 4.53 min Scan# 858

Delta R.T. 0.01 min

Lab File: VN058054.D

Acq: 14 Sep 2019 6:22

Tgt Ion: 84 Resp: 11196

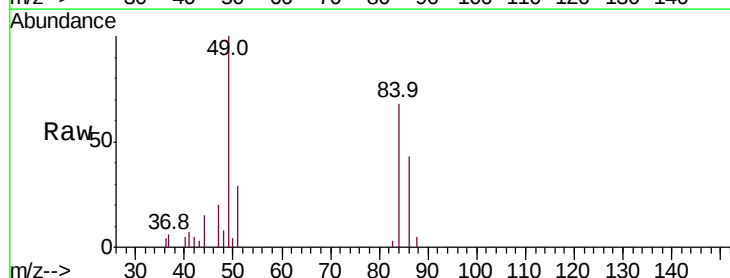
Ion Ratio Lower Upper

84 100

49 141.6 104.8 157.2

51 43.0 33.0 49.4

86 63.7 50.5 75.7



Abundance Ion 83.90 (83.60 to 84.60): VNC

Ion 48.90 (48.60 to 49.60): VNC

Ion 50.90 (50.60 to 51.60): VNC

Ion 85.90 (85.60 to 86.60): VNC

8000

6000

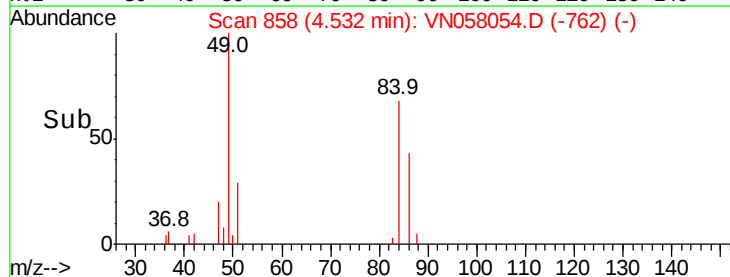
4000

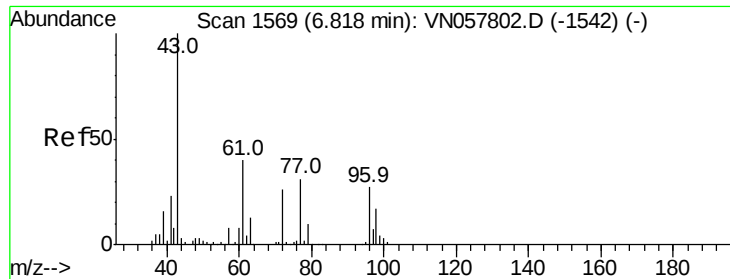
2000

0

4.45 4.50 4.55 4.60

Time-->

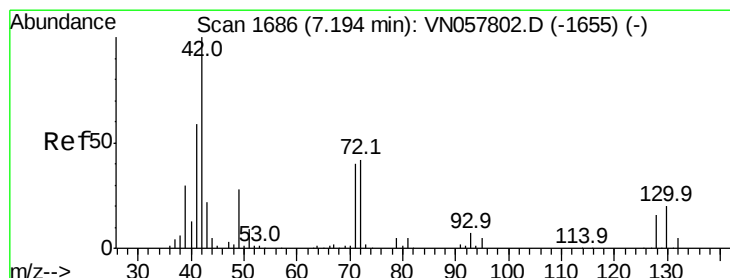
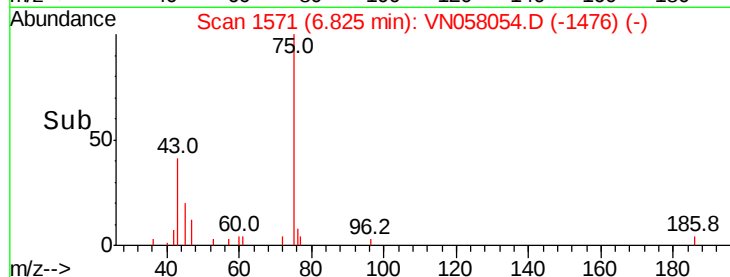
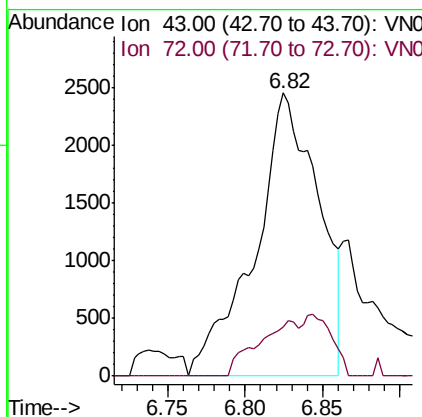
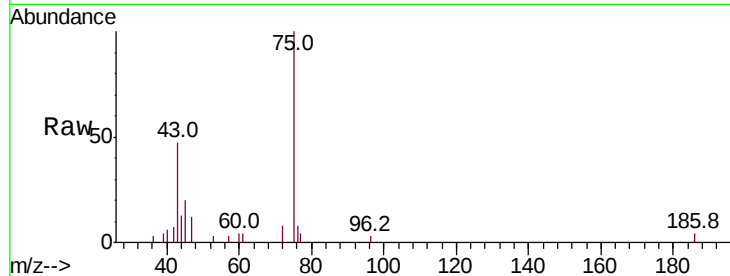




#25
 2-Butanone
 Concen: 2.194 ug/l
 RT: 6.82 min Scan# 1571
 Delta R.T. 0.01 min
 Lab File: VN058054.D
 Acq: 14 Sep 2019 6:22

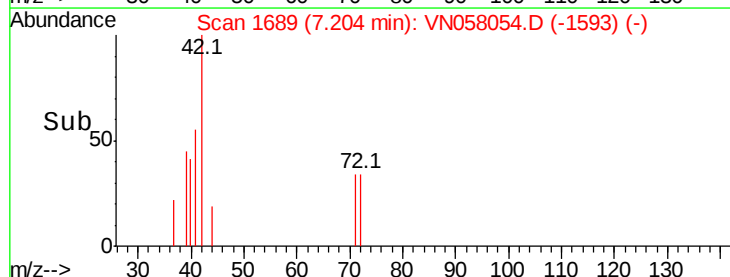
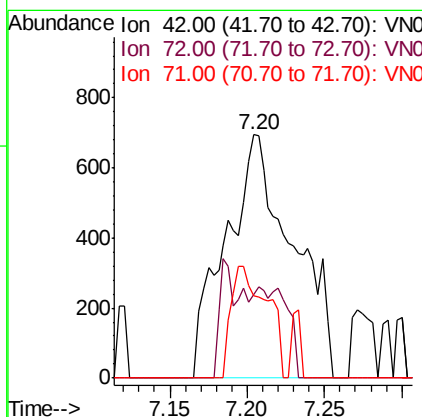
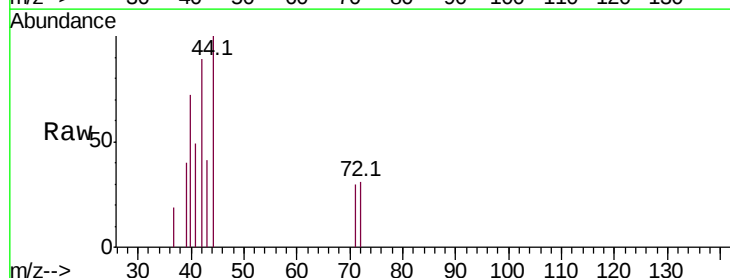
Instrument :
 MSVOA_N
 ClientSampled :

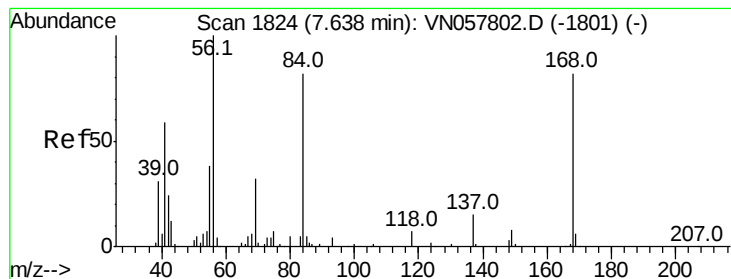
Tot Ion: 43 Resp: 7025
 Ion Ratio Lower Upper
 43 100
 72 17.2 20.6 30.8#



#29
 Tetrahydrofuran
 Concen: 1.060 ug/l
 RT: 7.20 min Scan# 1689
 Delta R.T. 0.01 min
 Lab File: VN058054.D
 Acq: 14 Sep 2019 6:22

Tgt Ion: 42 Resp: 2091
 Ion Ratio Lower Upper
 42 100
 72 11.9 33.7 50.5#
 71 24.3 31.9 47.9#





#31

Cyclohexane

Concen: Below Cal

RT: 7.64 min Scan# 1826

Delta R.T. 0.01 min

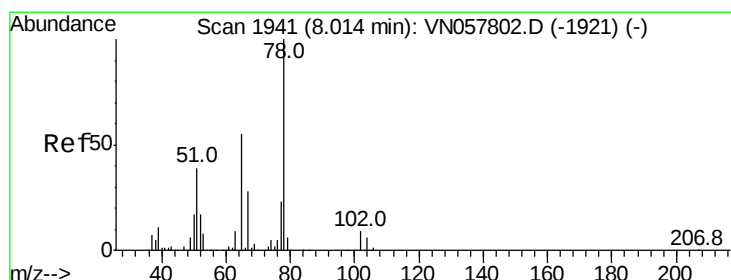
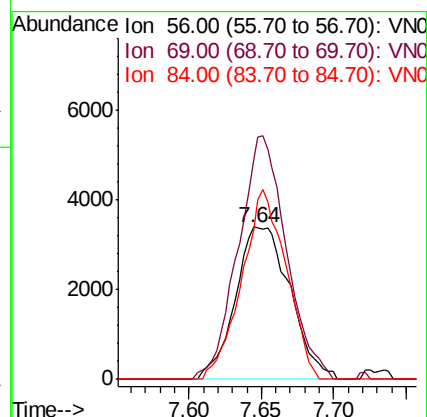
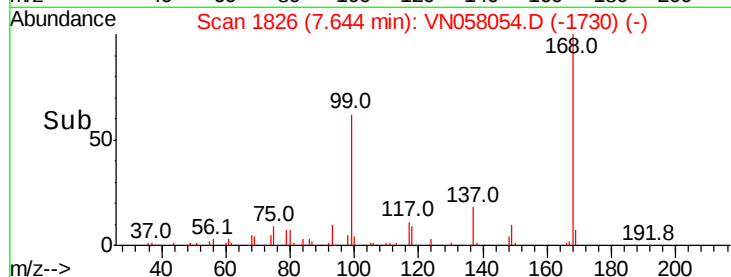
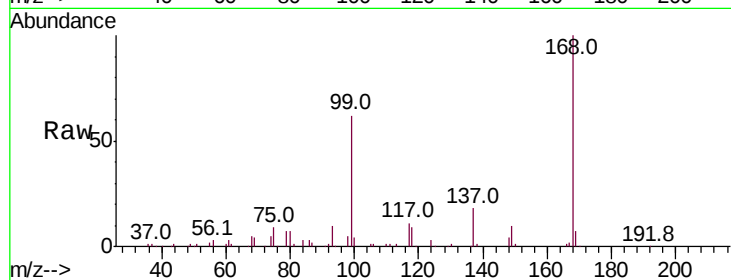
Lab File: VN058054.D

Acq: 14 Sep 2019 6:22

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 8911

Ion	Ratio	Lower	Upper
56	100		
69	144.9	25.9	38.9#
84	98.8	65.6	98.4#



#33

1,2-Dichloroethane-d4

Concen: 57.277 ug/l

RT: 8.01 min Scan# 1941

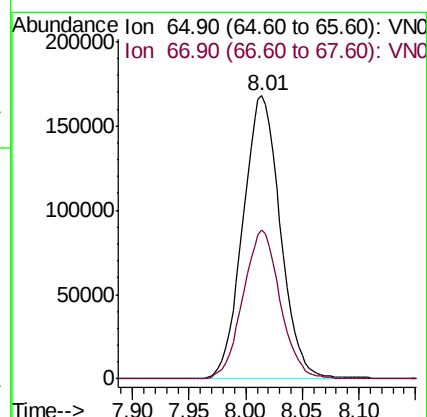
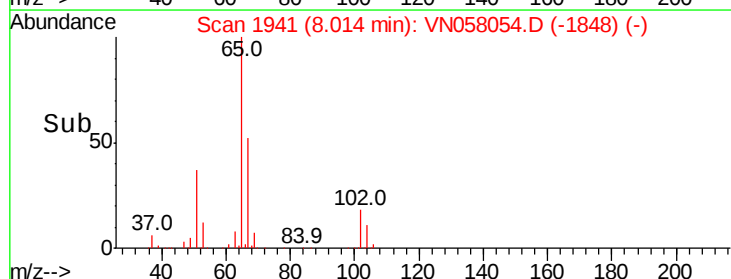
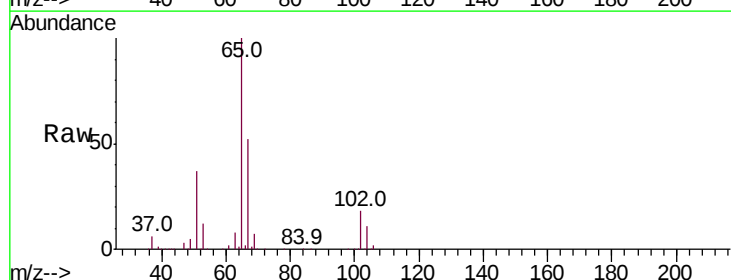
Delta R.T. 0.00 min

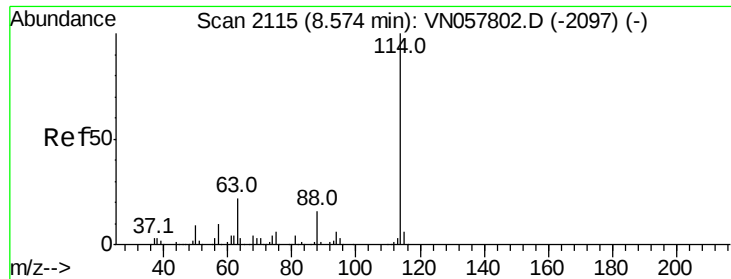
Lab File: VN058054.D

Acq: 14 Sep 2019 6:22

Tgt Ion: 65 Resp: 386538

Ion	Ratio	Lower	Upper
65	100		
67	52.2	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: VN058054.D

Acq: 14 Sep 2019 6:22

Instrument :
MSVOA_N
ClientSampleId :

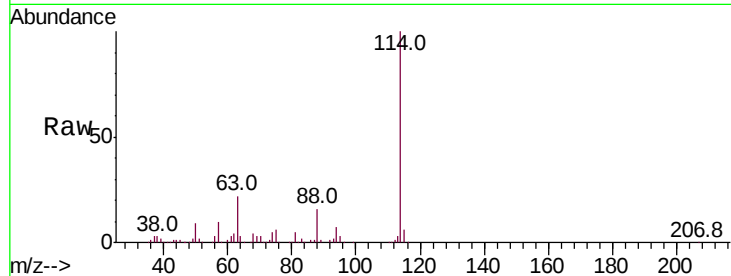
Tot Ion:114 Resp: 570716

Ion Ratio Lower Upper

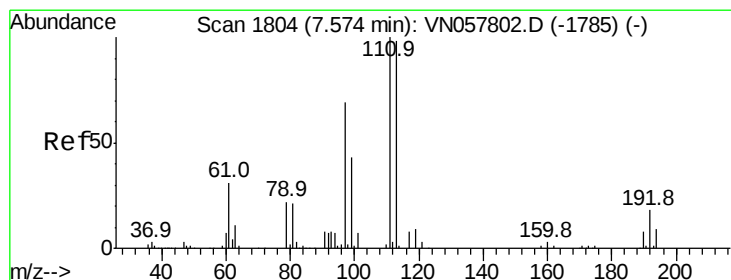
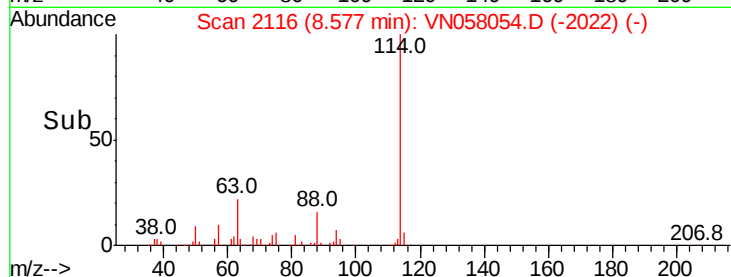
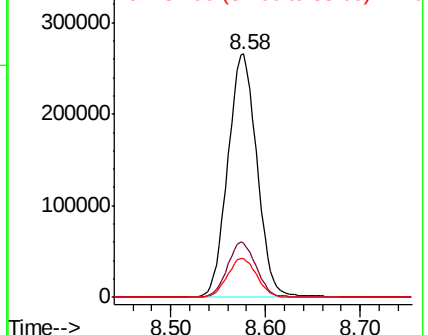
114 100

63 22.3 0.0 44.0

88 15.8 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: 51.276 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VN058054.D

Acq: 14 Sep 2019 6:22

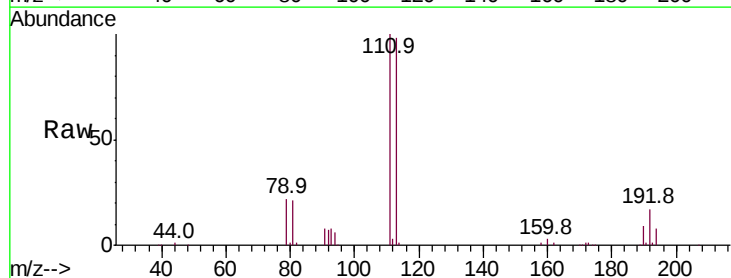
Tgt Ion:113 Resp: 270094

Ion Ratio Lower Upper

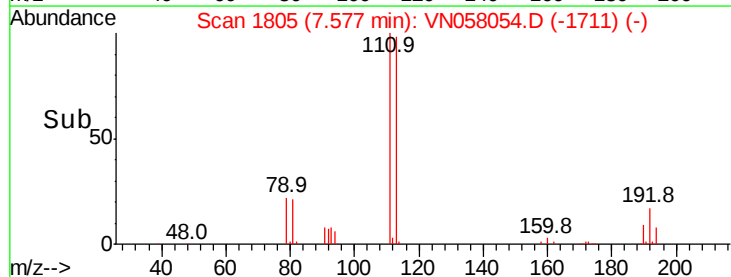
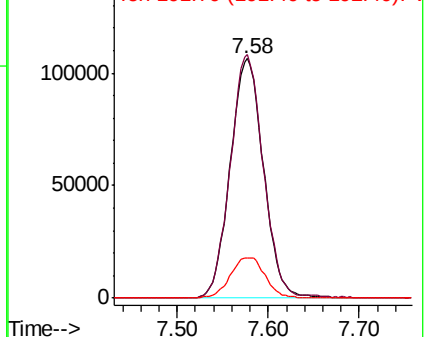
113 100

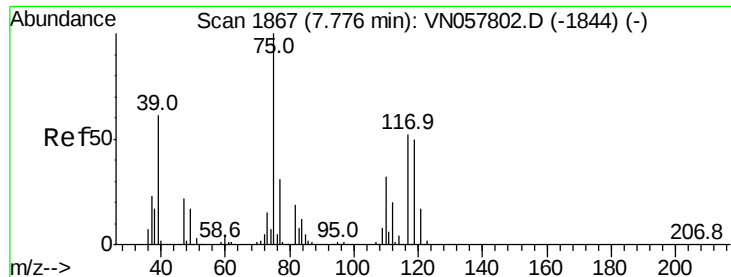
111 100.2 81.3 121.9

192 17.8 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

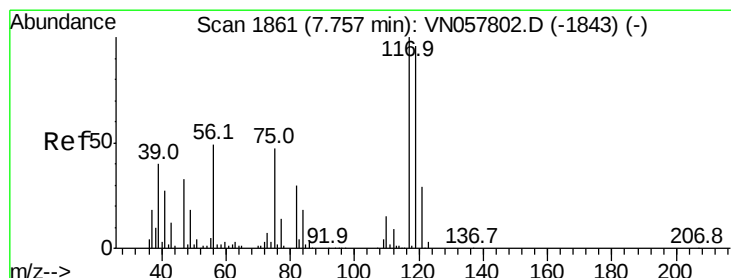
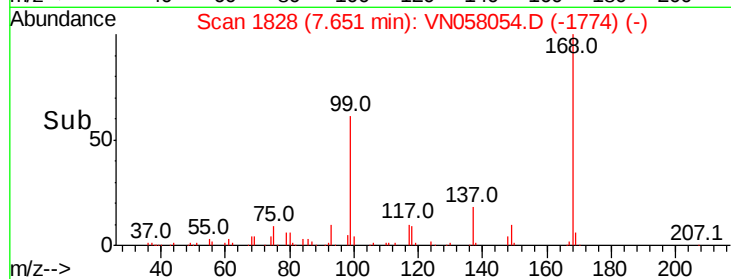
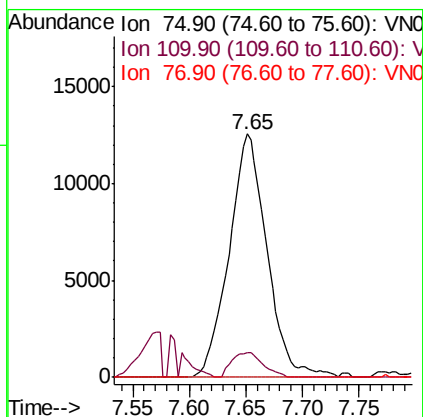
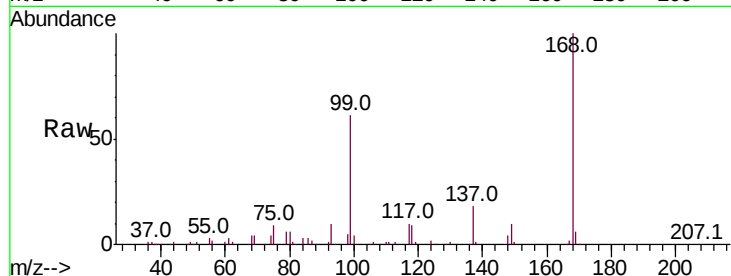




#36
 1,1-Dichloropropene
 Concen: 4.412 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.13 min
 Lab File: VN058054.D
 Acq: 14 Sep 2019 6:22

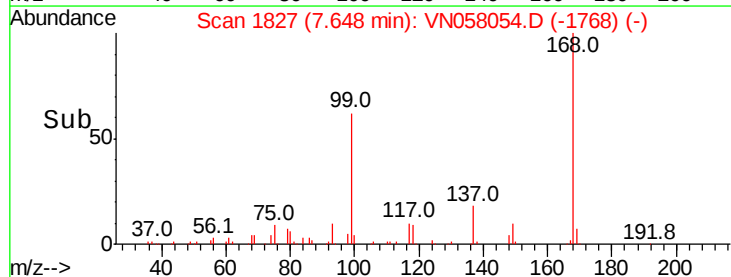
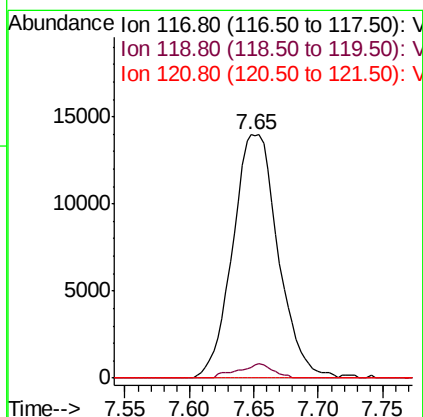
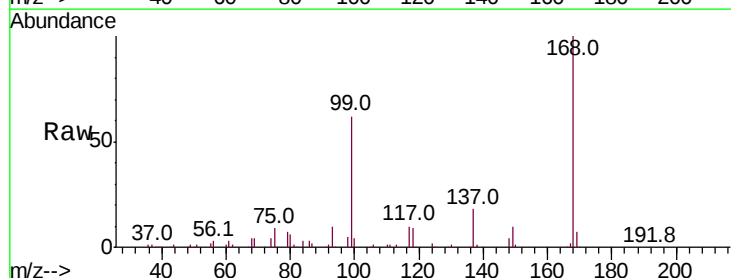
Instrument :
 MSVOA_N
 ClientSampleId :

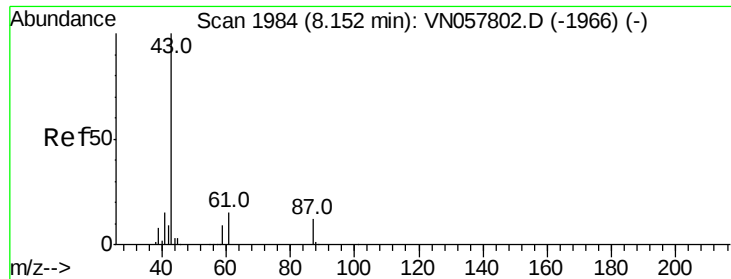
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.5	16.3	48.9#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 5.668 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.11 min
 Lab File: VN058054.D
 Acq: 14 Sep 2019 6:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.2	76.9	115.3#
121	0.0	23.4	35.2#





#43

Isopropyl Acetate

Concen: 10.552 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN058054.D

Acq: 14 Sep 2019 6:22

Instrument :

MSVOA_N

ClientSampleId :

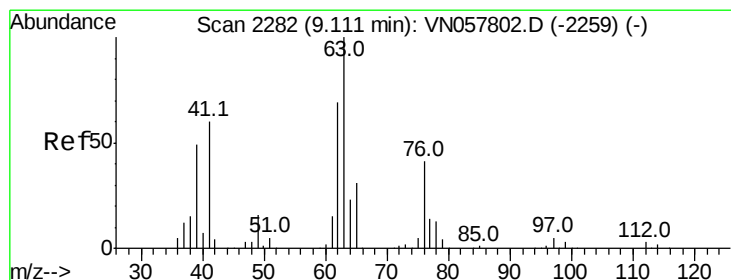
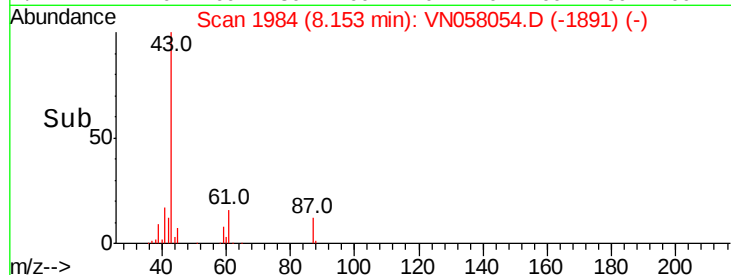
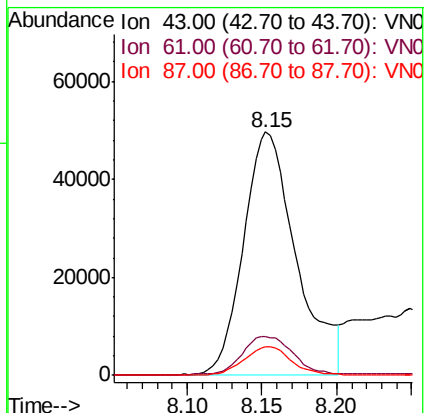
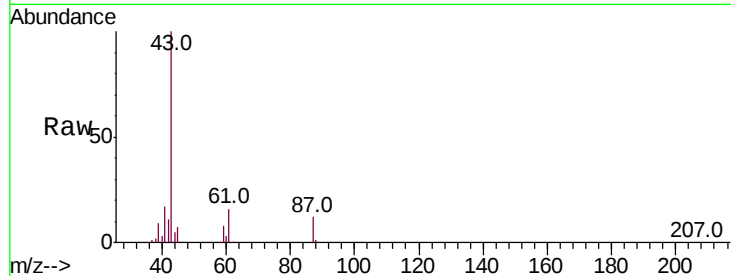
Tot Ion: 43 Resp: 121354

Ion Ratio Lower Upper

43 100

61 15.8 20.1 30.1#

87 10.5 9.5 14.3



#45

1,2-Dichloropropane

Concen: 0.366 ug/l

RT: 9.26 min Scan# 2327

Delta R.T. 0.14 min

Lab File: VN058054.D

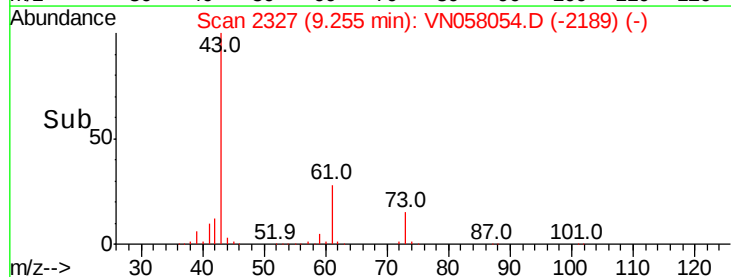
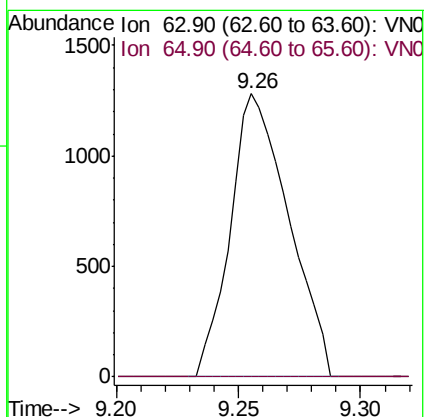
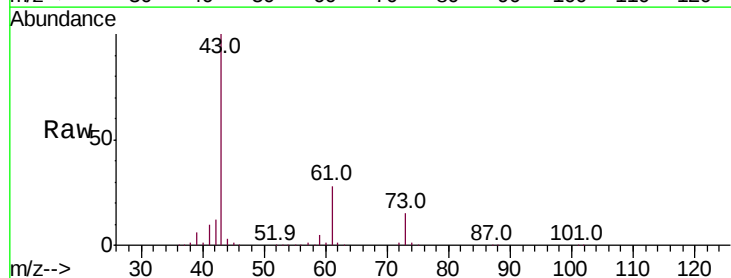
Acq: 14 Sep 2019 6:22

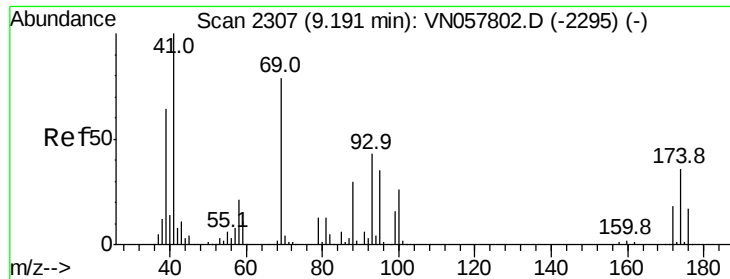
Tgt Ion: 63 Resp: 2123

Ion Ratio Lower Upper

63 100

65 0.0 24.8 37.2#

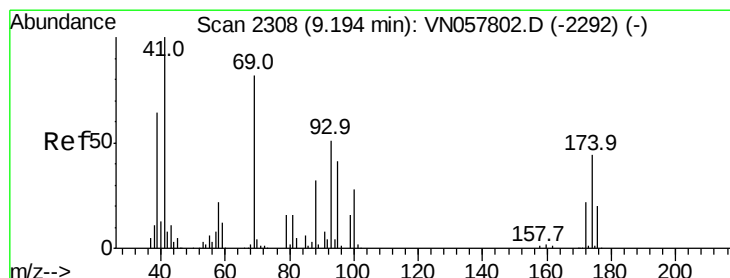
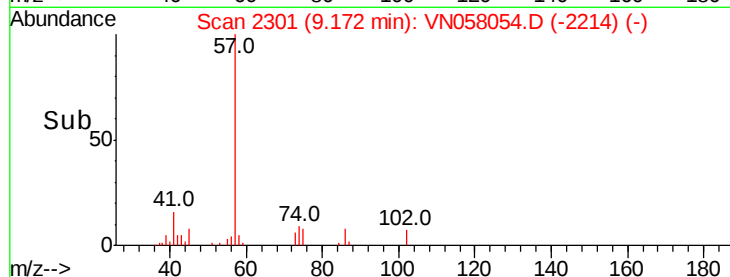
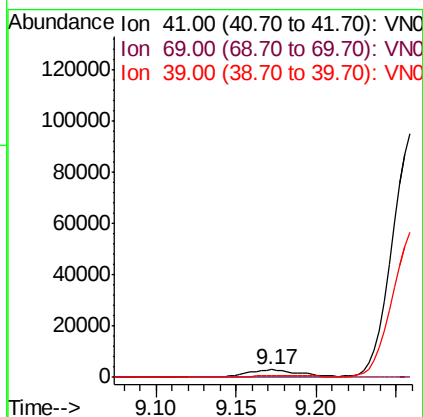
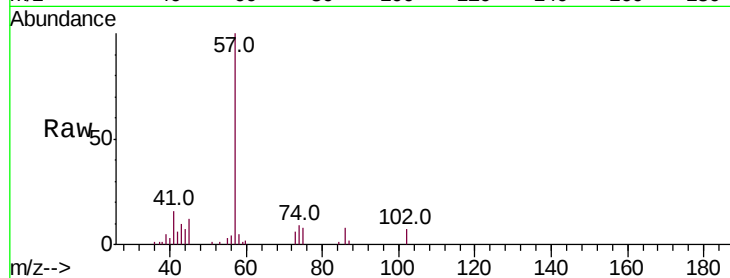




#48
Methyl methacrylate
Concen: 1.205 ug/l
RT: 9.17 min Scan# 2301
Delta R.T. -0.02 min
Lab File: VN058054.D
Acq: 14 Sep 2019 6:22

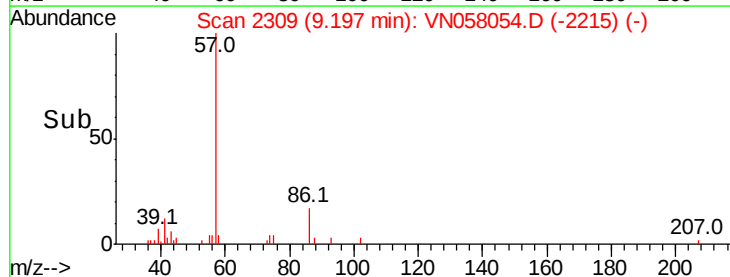
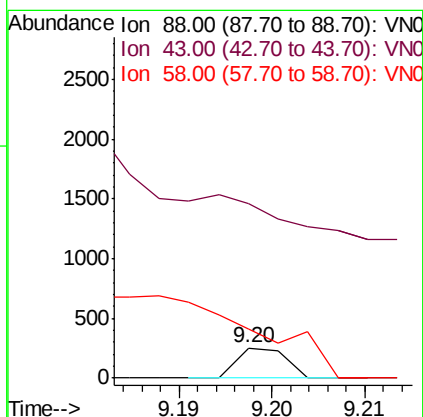
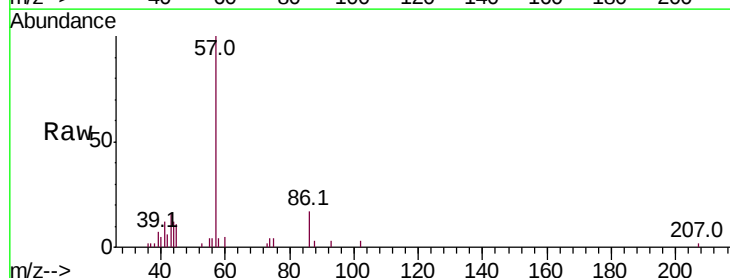
Instrument :
MSVOA_N
ClientSampled :

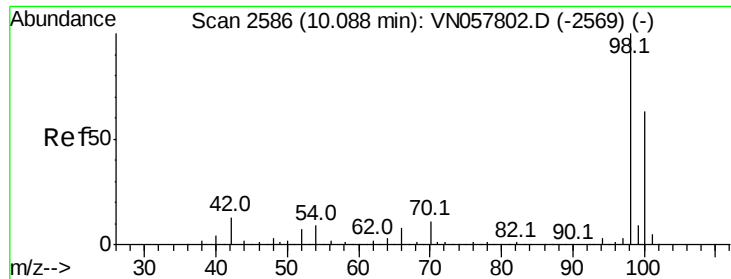
Tot Ion: 41 Resp: 7029
Ion Ratio Lower Upper
41 100
69 0.0 62.7 94.1#
39 0.0 52.7 79.1#



#49
1,4-Dioxane
Concen: 0.953 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN058054.D
Acq: 14 Sep 2019 6:22

Tgt Ion: 88 Resp: 94
Ion Ratio Lower Upper
88 100
43 0.0 28.5 42.7#
58 0.0 55.8 83.6#





#50

Toluene-d8

Concen: 50.781 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN058054.D

Acq: 14 Sep 2019 6:22

Instrument :

MSVOA_N

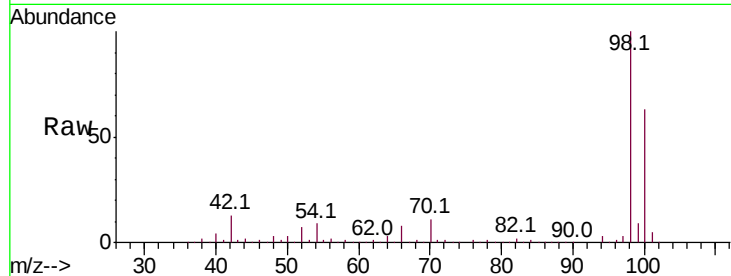
ClientSampleId :

Tot Ion: 98 Resp: 1038536

Ion Ratio Lower Upper

98 100

100 63.4 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

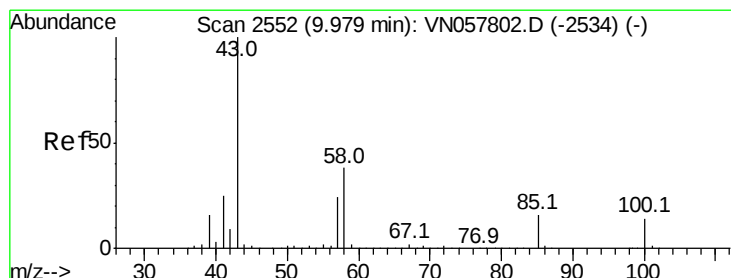
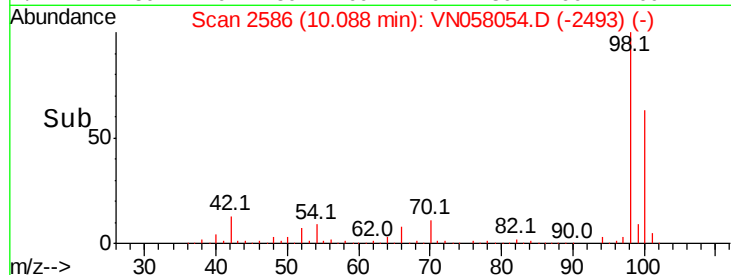
600000

400000

200000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 1.203 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN058054.D

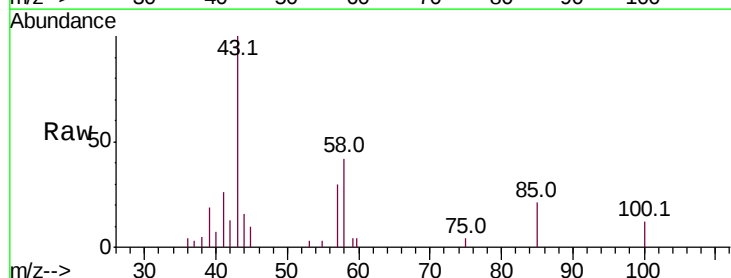
Acq: 14 Sep 2019 6:22

Tgt Ion: 43 Resp: 8188

Ion Ratio Lower Upper

43 100

58 46.5 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) (-)

9.98

8000

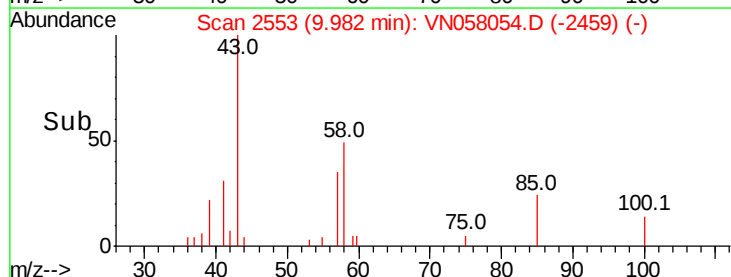
6000

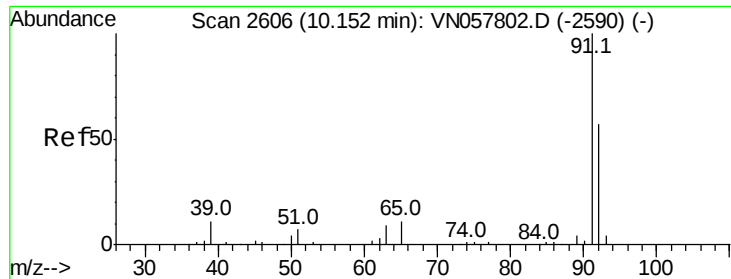
4000

2000

0

Time-->





#52

Toluene

Concen: 0.211 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. -0.00 min

Lab File: VN058054.D

Acq: 14 Sep 2019 6:22

Instrument :

MSVOA_N

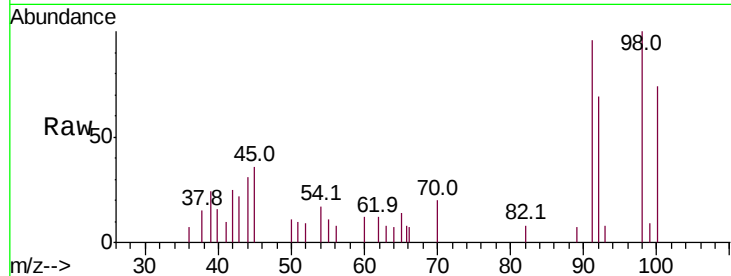
ClientSampled :

Tot Ion: 92 Resp: 2642

Ion Ratio Lower Upper

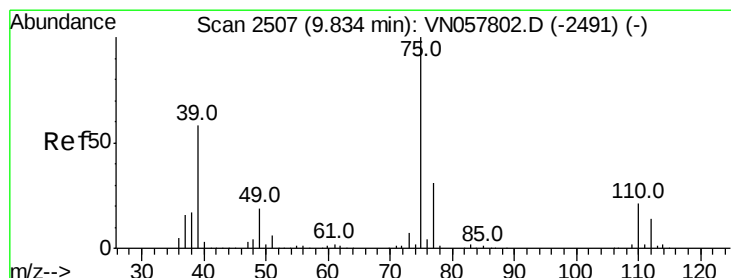
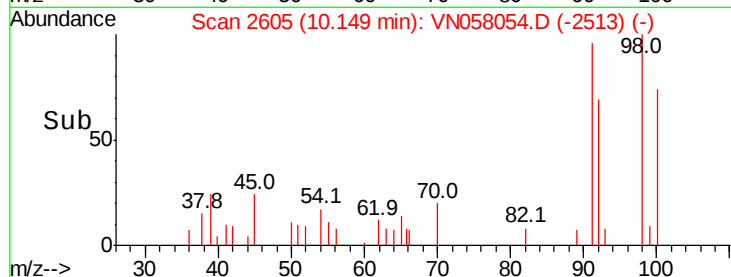
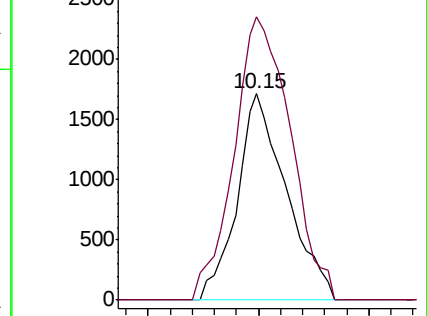
92 100

91 157.8 141.0 211.6



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 5.475 ug/l

RT: 9.90 min Scan# 2528

Delta R.T. 0.07 min

Lab File: VN058054.D

Acq: 14 Sep 2019 6:22

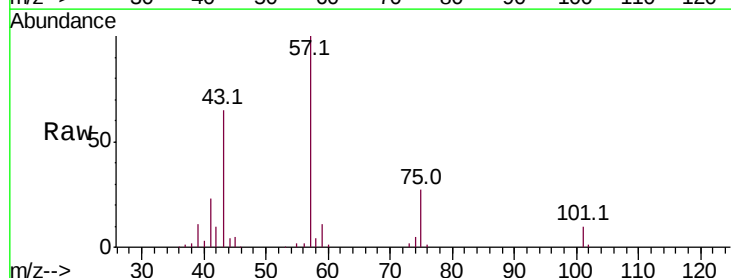
Tgt Ion: 75 Resp: 44539

Ion Ratio Lower Upper

75 100

77 0.0 24.8 37.2#

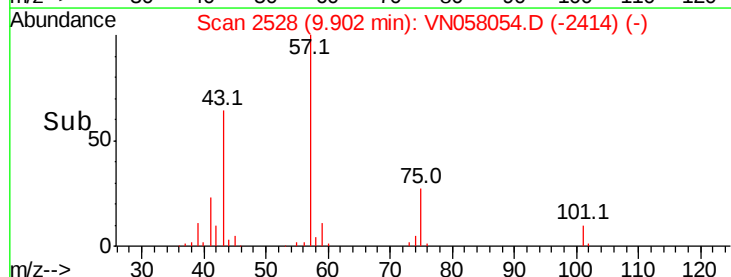
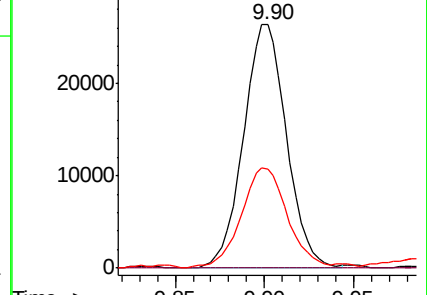
39 39.9 46.2 69.4#

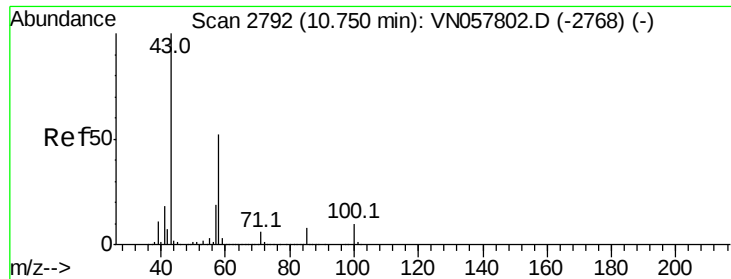


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#59

2-Hexanone

Concen: 24.230 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN058054.D

Acq: 14 Sep 2019 6:22

Instrument :

MSVOA_N

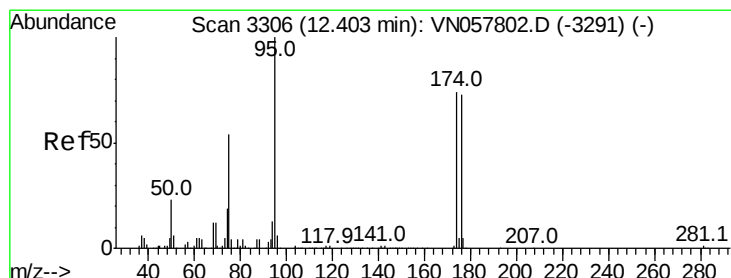
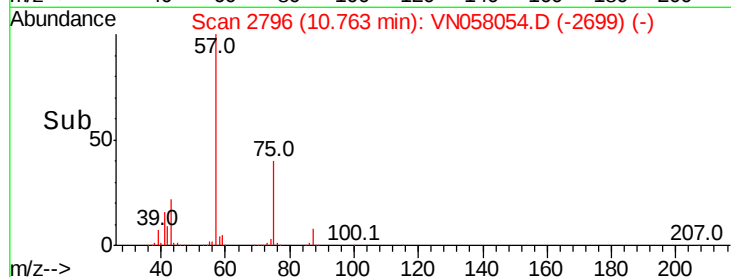
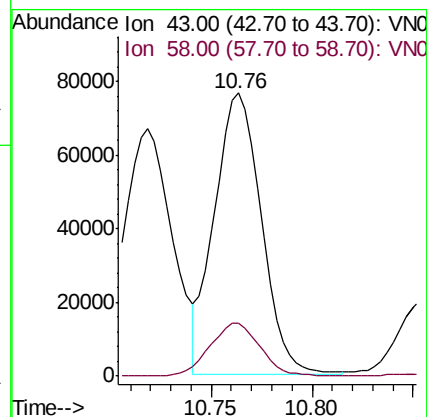
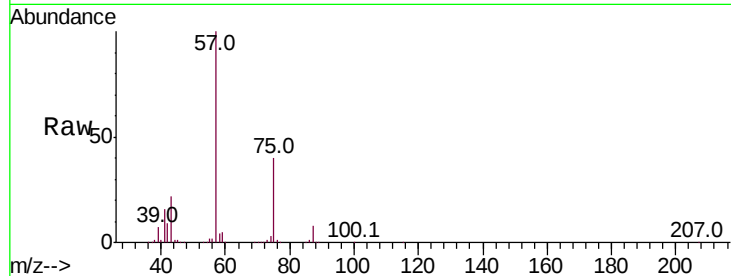
ClientSampled :

Tot Ion: 43 Resp: 123595

Ion Ratio Lower Upper

43 100

58 20.3 25.6 76.8#



#62

4-Bromofluorobenzene

Concen: 43.159 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058054.D

Acq: 14 Sep 2019 6:22

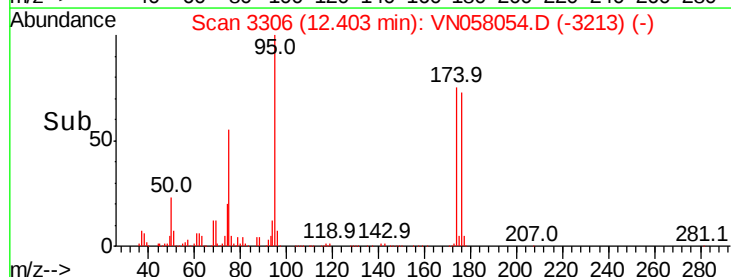
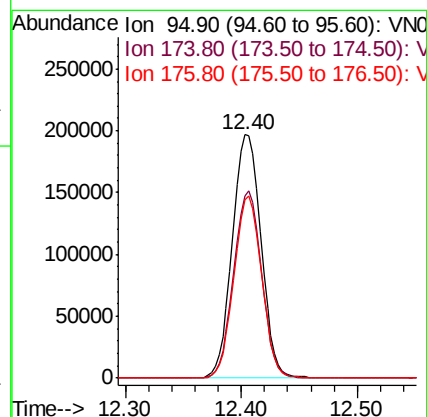
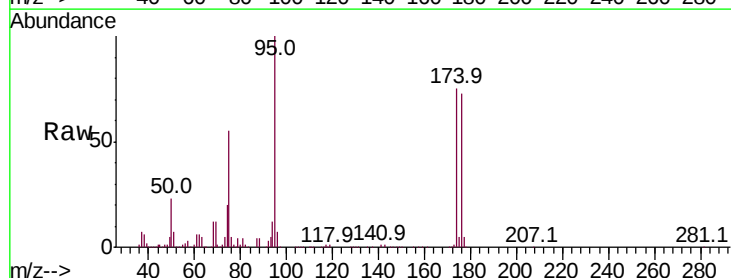
Tgt Ion: 95 Resp: 336369

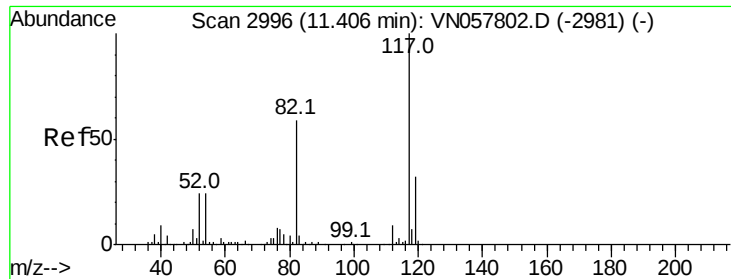
Ion Ratio Lower Upper

95 100

174 74.9 0.0 150.2

176 72.3 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN058054.D

Acq: 14 Sep 2019 6:22

Instrument :

MSVOA_N

ClientSampleId :

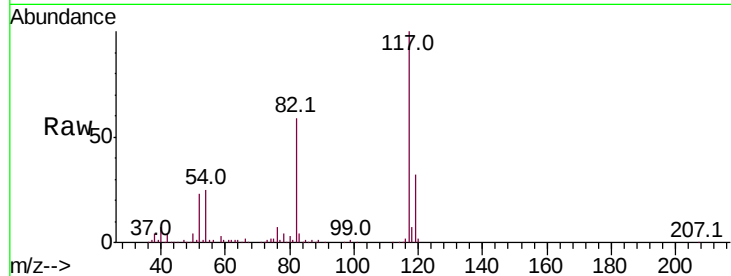
Tot Ion:117 Resp: 521238

Ion Ratio Lower Upper

117 100

82 59.3 47.2 70.8

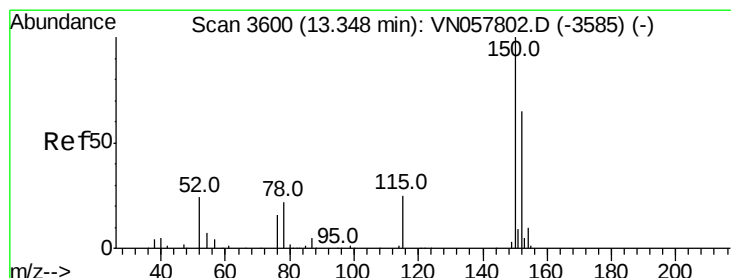
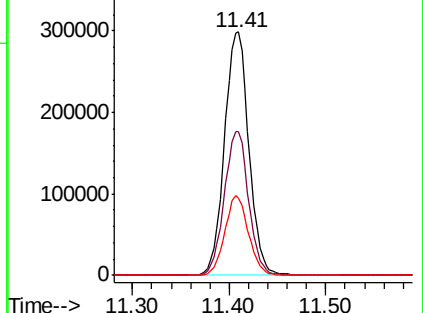
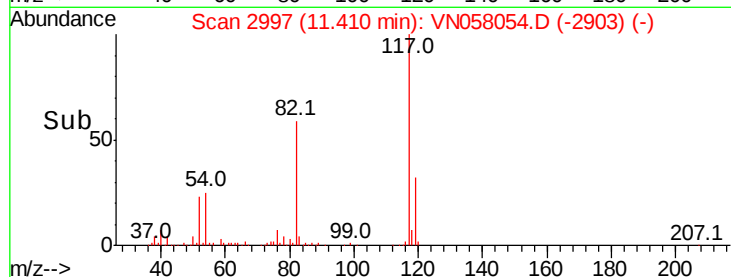
119 31.9 25.3 37.9



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058054.D

Acq: 14 Sep 2019 6:22

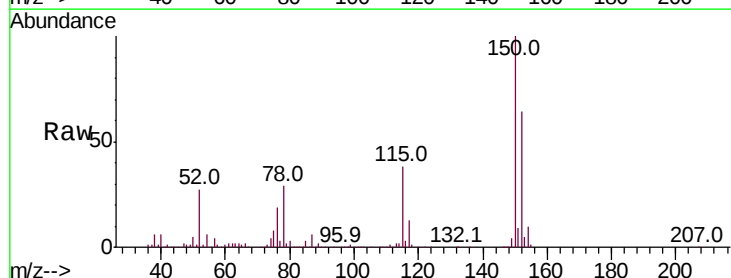
Tgt Ion:152 Resp: 264602

Ion Ratio Lower Upper

152 100

115 60.9 30.3 91.0

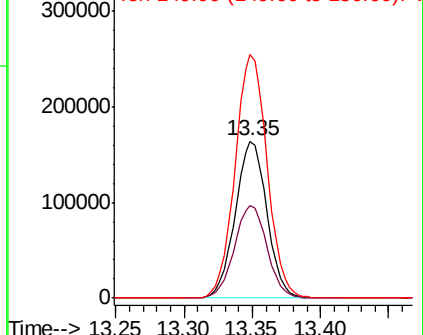
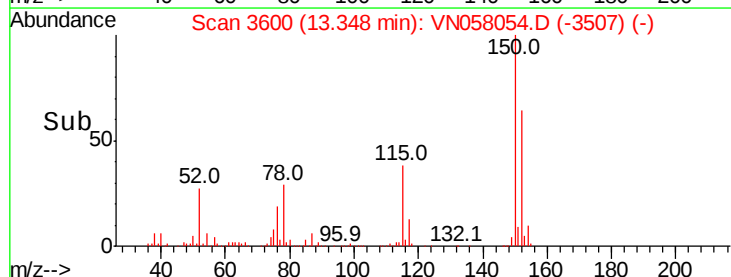
150 157.0 0.0 352.4

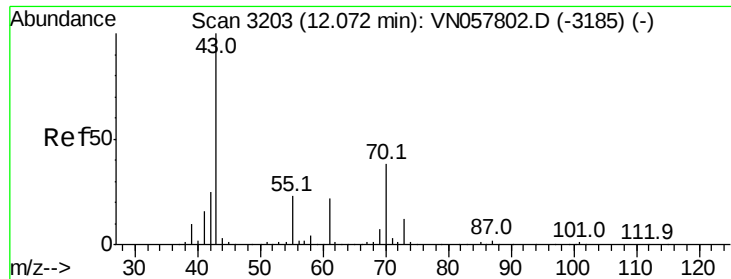


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 0.287 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.01 min

Lab File: VN058054.D

Acq: 14 Sep 2019 6:22

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 2567

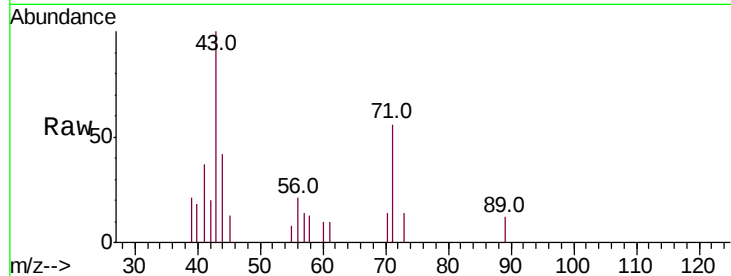
Ion Ratio Lower Upper

43 100

70 26.2 30.6 45.8#

55 18.8 18.6 27.8

61 12.7 17.4 26.2#

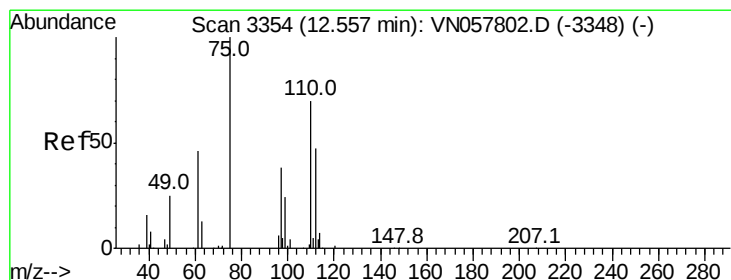
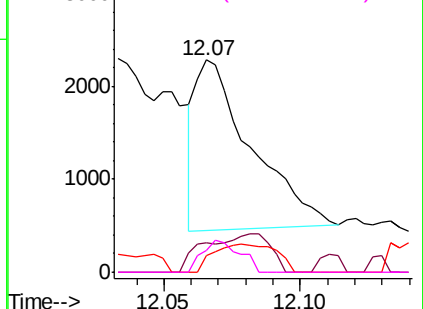
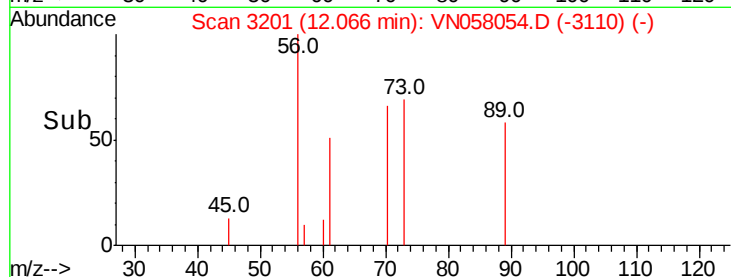


Abundance Ion 43.00 (42.70 to 43.70): VN0

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



#76

1,2,3-Trichloropropane

Concen: 30.439 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN058054.D

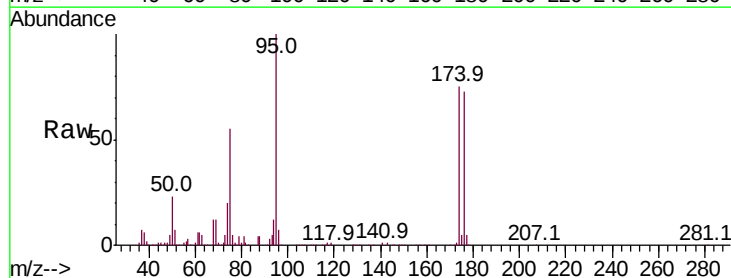
Acq: 14 Sep 2019 6:22

Tgt Ion: 75 Resp: 182203

Ion Ratio Lower Upper

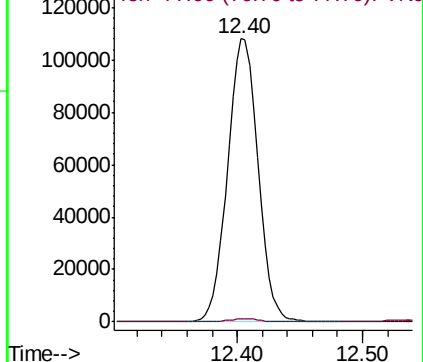
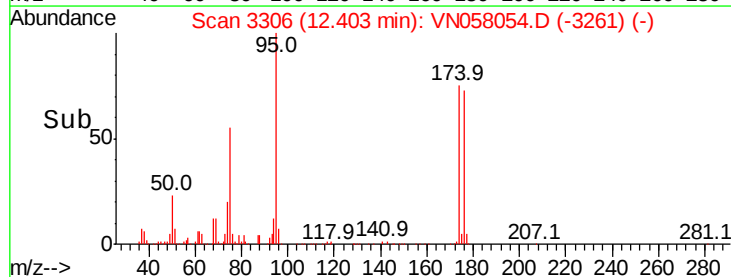
75 100

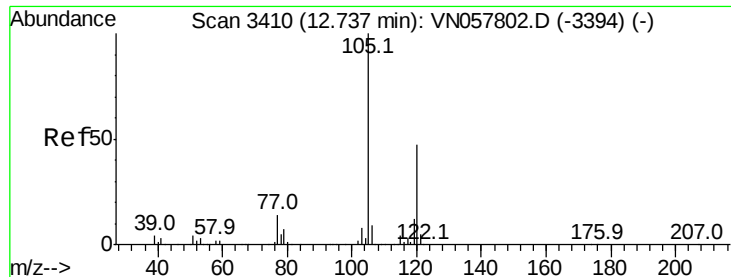
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

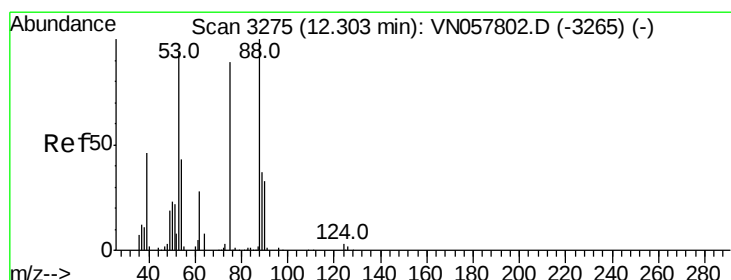
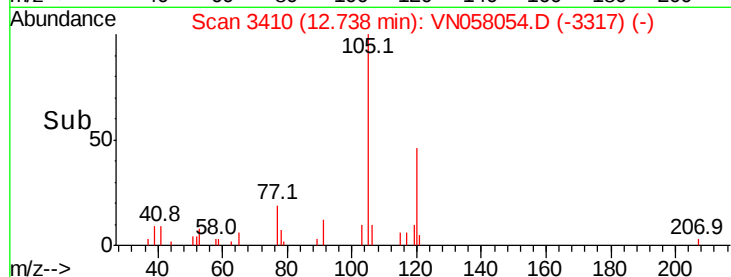
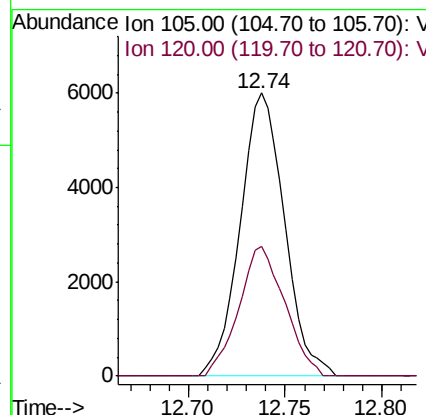
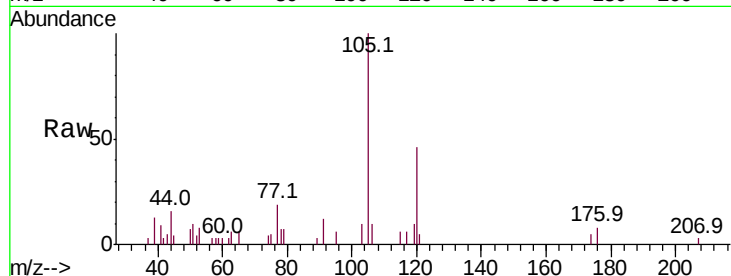




#80
 1,3,5-Trimethylbenzene
 Concen: 0.552 ug/l
 RT: 12.74 min Scan# 3410
 Delta R.T. 0.00 min
 Lab File: VN058054.D
 Acq: 14 Sep 2019 6:22

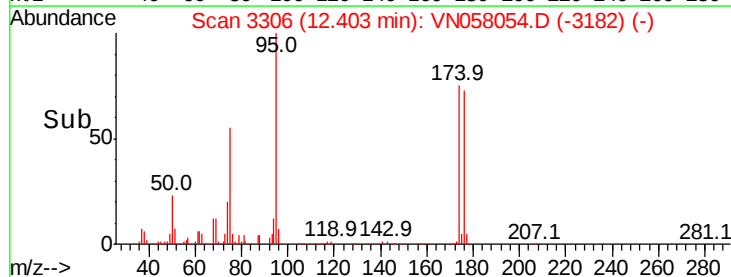
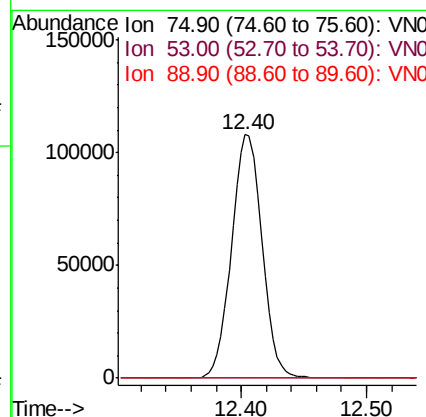
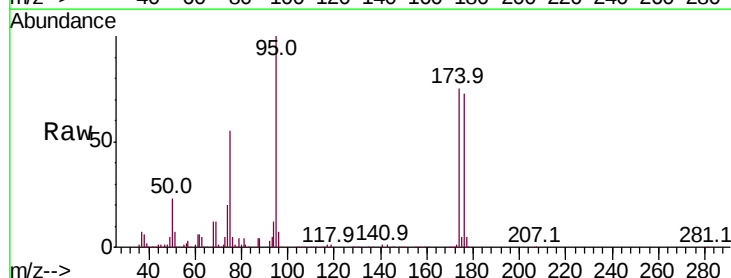
Instrument :
 MSVOA_N
 ClientSampleId :

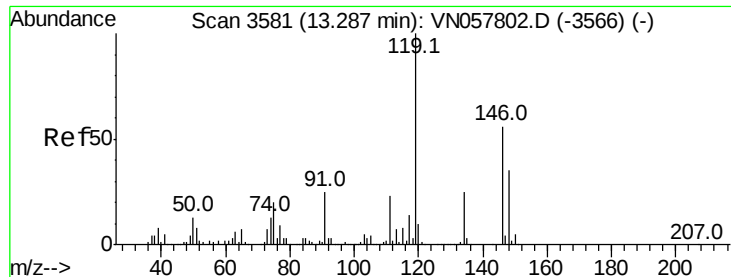
Tot Ion:105 Resp: 9572
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.7 71.1



#81
 trans-1,4-Dichloro-2-butene
 Concen: 107.117 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN058054.D
 Acq: 14 Sep 2019 6:22

Tgt Ion: 75 Resp: 182203
 Ion Ratio Lower Upper
 75 100
 53 0.0 88.4 132.6#
 89 0.0 35.3 52.9#





#87

1,3-Dichlorobenzene

Concen: 0.204 ug/l

RT: 13.29 min Scan# 3583

Delta R.T. 0.01 min

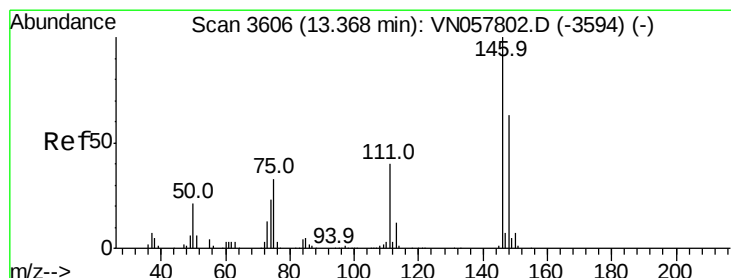
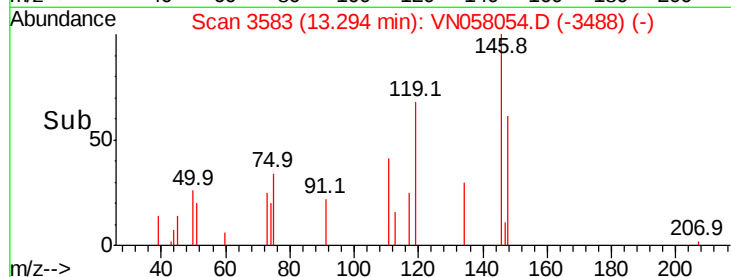
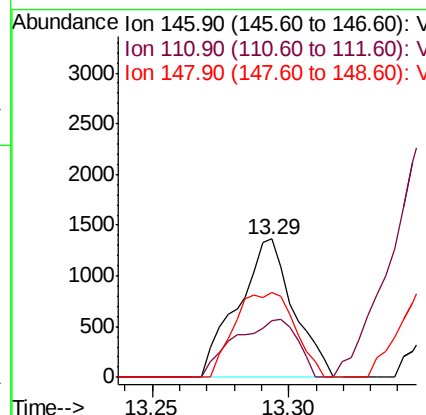
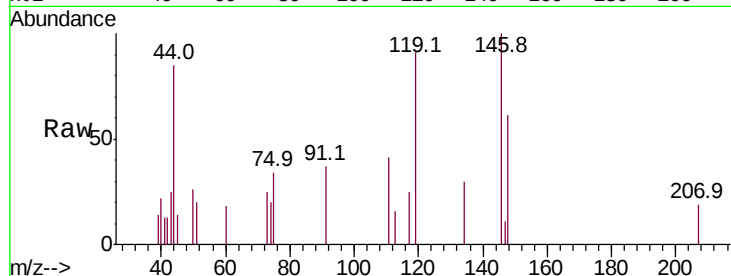
Lab File: VN058054.D

Acq: 14 Sep 2019 6:22

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:146 Resp: 1915

Ion	Ratio	Lower	Upper
146	100		
111	47.6	20.5	61.6
148	66.9	31.5	94.5



#88

1,4-Dichlorobenzene

Concen: 0.201 ug/l

RT: 13.29 min Scan# 3583

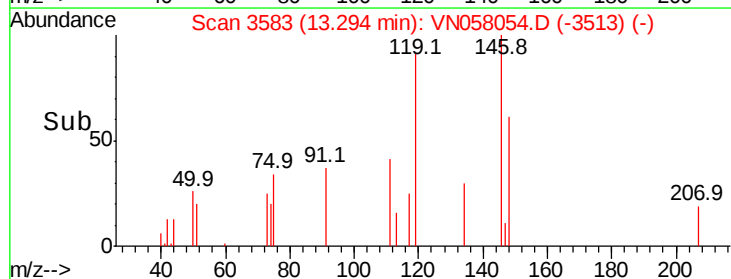
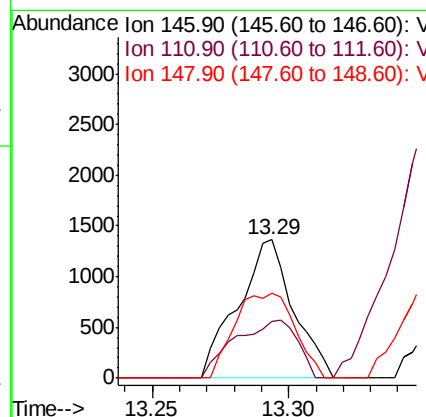
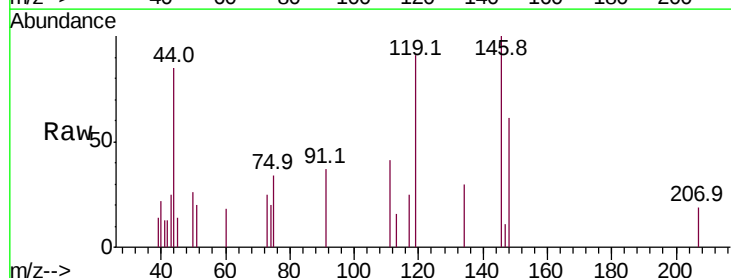
Delta R.T. -0.07 min

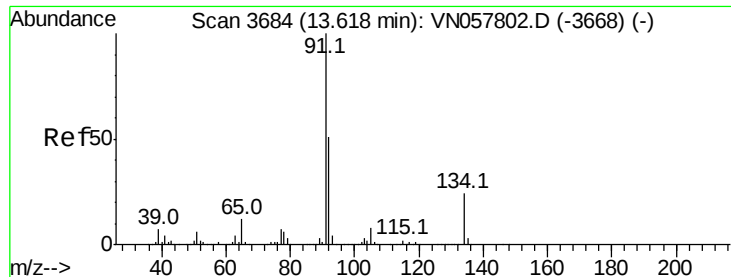
Lab File: VN058054.D

Acq: 14 Sep 2019 6:22

Tgt Ion:146 Resp: 1915

Ion	Ratio	Lower	Upper
146	100		
111	47.6	20.4	61.2
148	66.9	31.8	95.4

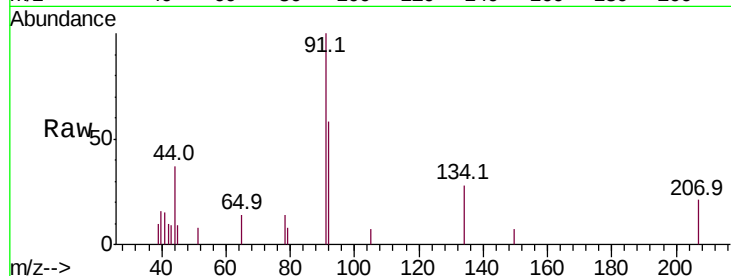




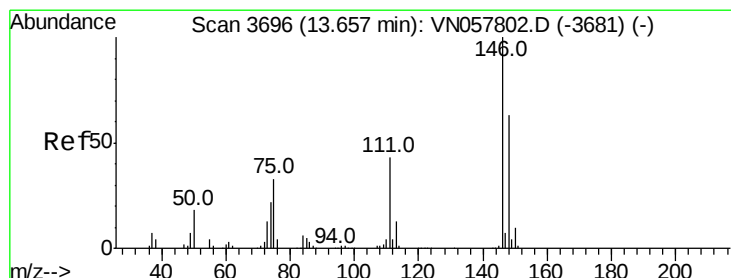
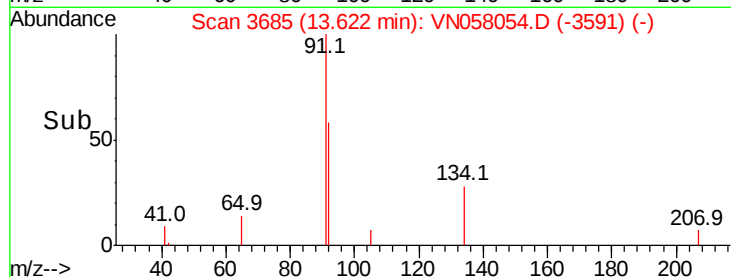
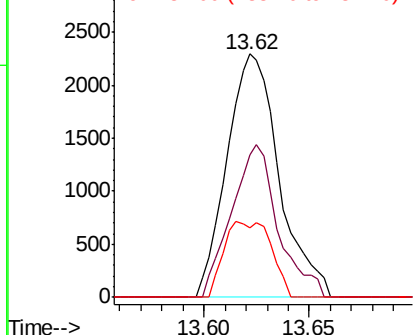
#89
n-Butylbenzene
Concen: 0.232 ug/l
RT: 13.62 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN058054.D
Acq: 14 Sep 2019 6:22

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 91 Resp: 3941
Ion Ratio Lower Upper
91 100
92 55.9 25.7 77.0
134 27.9 11.9 35.7

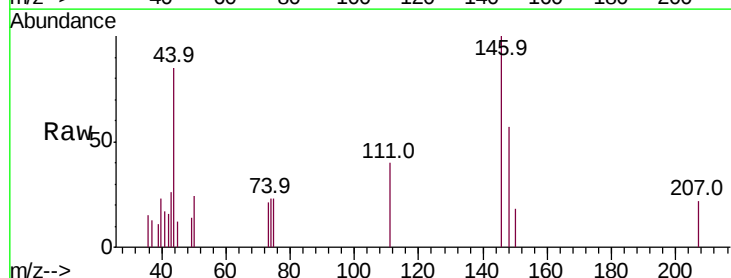


Abundance Ion 91.00 (90.70 to 91.70): VN057802.D (-3668) (-)
Ion 92.00 (91.70 to 92.70): VN057802.D (-3668) (-)
Ion 134.00 (133.70 to 134.70): VN057802.D (-3668) (-)

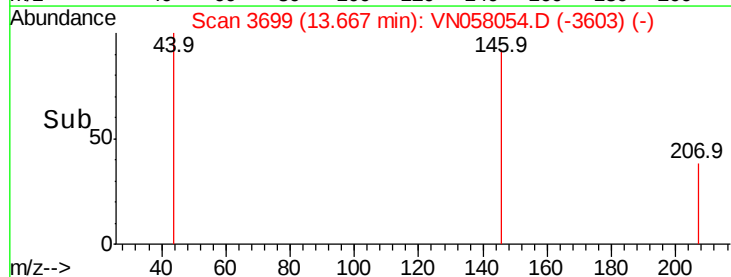
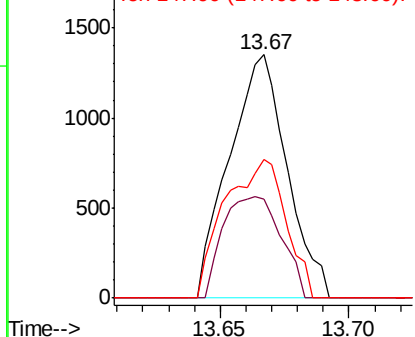


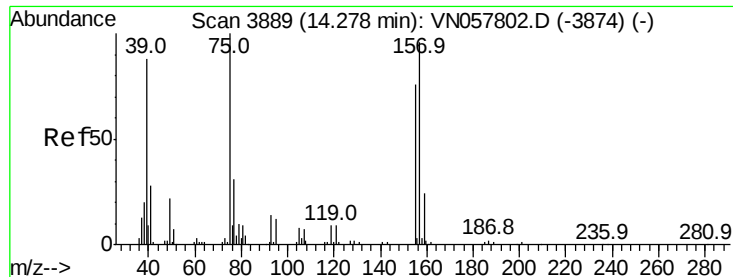
#91
1,2-Dichlorobenzene
Concen: 0.225 ug/l
RT: 13.67 min Scan# 3699
Delta R.T. 0.01 min
Lab File: VN058054.D
Acq: 14 Sep 2019 6:22

Tgt Ion: 146 Resp: 2110
Ion Ratio Lower Upper
146 100
111 41.9 21.3 63.9
148 59.9 31.4 94.3



Abundance Ion 145.90 (145.60 to 146.60): VN057802.D (-3681) (-)
Ion 110.90 (110.60 to 111.60): VN057802.D (-3681) (-)
Ion 147.90 (147.60 to 148.60): VN057802.D (-3681) (-)

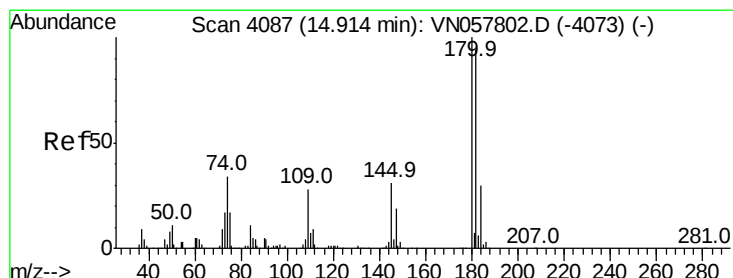
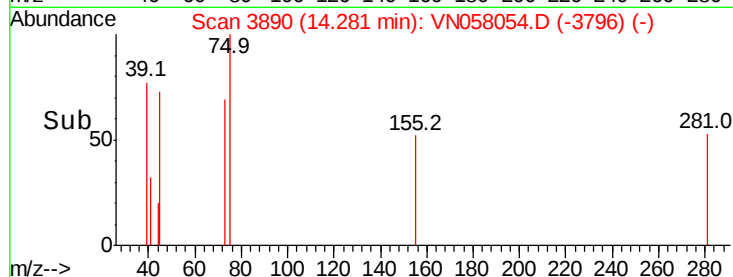
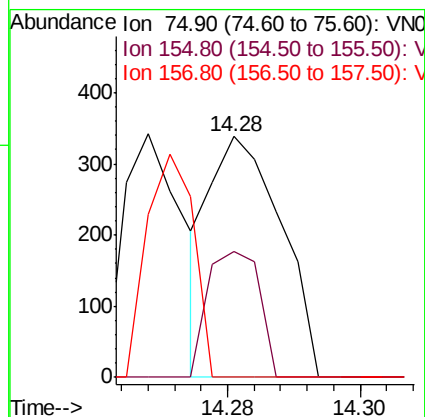
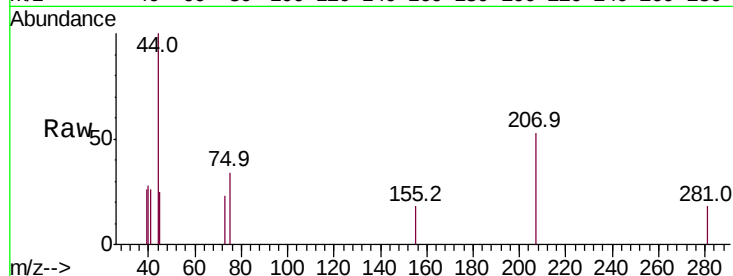




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.222 ug/l
 RT: 14.28 min Scan# 3890
 Delta R.T. 0.00 min
 Lab File: VN058054.D
 Acq: 14 Sep 2019 6:22

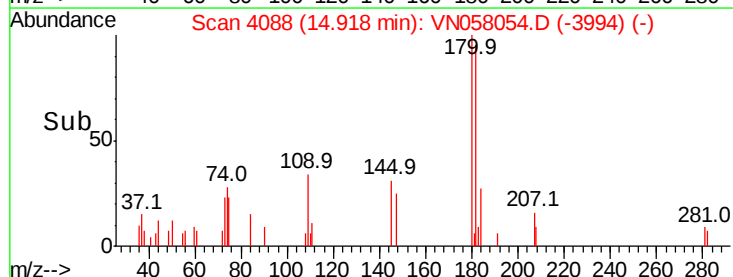
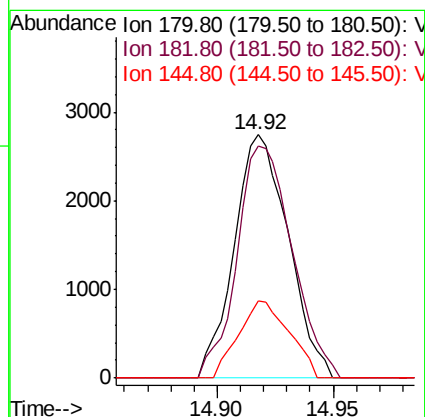
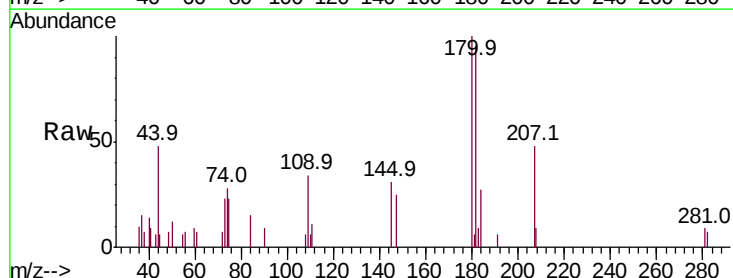
Instrument :
 MSVOA_N
 ClientSampled :

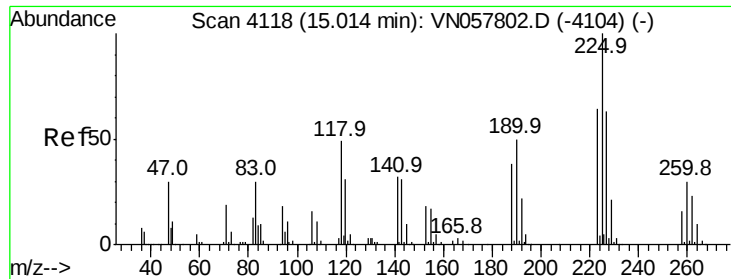
Tot Ion: 75 Resp: 254
 Ion Ratio Lower Upper
 75 100
 155 37.8 37.3 111.8
 157 0.0 47.9 143.8#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.725 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN058054.D
 Acq: 14 Sep 2019 6:22

Tgt Ion: 180 Resp: 4448
 Ion Ratio Lower Upper
 180 100
 182 97.5 46.9 140.8
 145 29.8 14.9 44.7





#94

Hexachlorobutadiene

Concen: 0.234 ug/l

RT: 15.02 min Scan# 4119

Delta R.T. 0.00 min

Lab File: VN058054.D

Acq: 14 Sep 2019 6:22

Instrument :

MSVOA_N

ClientSampleId :

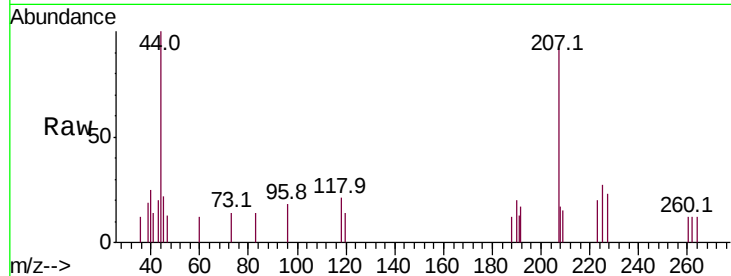
Tot Ion:225 Resp: 609

Ion Ratio Lower Upper

225 100

223 35.5 32.4 97.2

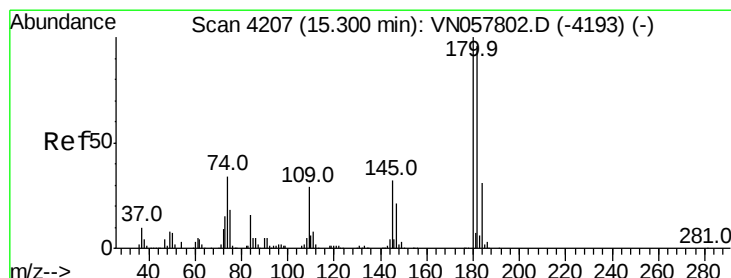
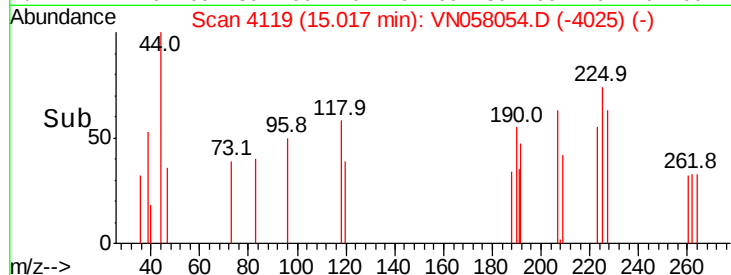
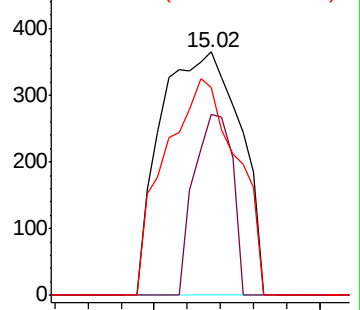
227 80.5 31.8 95.4



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



#96

1,2,3-Trichlorobenzene

Concen: 1.970 ug/l

RT: 15.30 min Scan# 4207

Delta R.T. 0.00 min

Lab File: VN058054.D

Acq: 14 Sep 2019 6:22

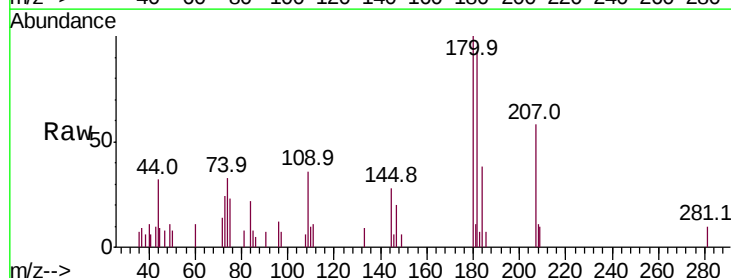
Tgt Ion:180 Resp: 5309

Ion Ratio Lower Upper

180 100

182 100.1 48.3 144.8

145 31.3 16.3 48.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

