

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091419\
 Data File : VN058063.D
 Acq On : 14 Sep 2019 9:39
 Operator : JC/SP
 Sample : K4825-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 16 01:57:35 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	328059	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	568722	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	528034	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	294161	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	376677	56.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.38%	
35) Dibromofluoromethane	7.57	113	253145	48.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.46%	
50) Toluene-d8	10.09	98	1046575	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	
62) 4-Bromofluorobenzene	12.40	95	352750	45.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.84%	

Target Compounds

					Qvalue
5) Bromomethane	2.54	94	138	Below Cal	# 2
16) Acetone	3.80	43	17533	8.049	ug/l 90
17) Carbon Disulfide	4.04	76	422	0.236	ug/l # 75
18) Methyl Acetate	4.31	43	7769	1.338	ug/l 97
20) Methylene Chloride	4.53	84	13202	2.002	ug/l # 92
25) 2-Butanone	6.83	43	1791	0.568	ug/l 94
31) Cyclohexane	7.65	56	8291	Below Cal	# 30
36) 1,1-Dichloropropene	7.65	75	28515	4.323	ug/l # 52
38) Carbon Tetrachloride	7.65	117	33955	5.639	ug/l # 16
40) Benzene	8.03	78	303914	15.305	ug/l 98
42) 1,2-Dichloroethane	8.03	62	3256	0.410	ug/l 80
43) Isopropyl Acetate	8.16	43	189261	16.515	ug/l # 79
45) 1,2-Dichloropropane	9.26	63	2227	0.385	ug/l # 44
48) Methyl methacrylate	9.18	41	7401	1.273	ug/l # 13
49) 1,4-Dioxane	9.26	88	64	0.651	ug/l # 1
51) 4-Methyl-2-Pentanone	9.98	43	8909	1.314	ug/l 95
52) Toluene	10.15	92	206776	16.533	ug/l 99
53) t-1,3-Dichloropropene	10.15	75	2676	0.364	ug/l # 1
54) cis-1,3-Dichloropropene	9.90	75	48535	5.987	ug/l # 65
56) Ethyl methacrylate	10.54	69	2215	0.278	ug/l # 1
57) 1,3-Dichloropropane	10.76	76	7389	0.809	ug/l # 43
59) 2-Hexanone	10.76	43	119348	23.480	ug/l # 53
67) Ethyl Benzene	11.51	91	17765	0.734	ug/l 97
68) m/p-Xylenes	11.62	106	48646	5.484	ug/l 94
69) o-Xylene	11.95	106	30715	3.483	ug/l 98
70) Styrene	11.97	104	9115	0.601	ug/l # 48
74) N-amyl acetate	12.03	43	6088	0.613	ug/l # 50
76) 1,2,3-Trichloropropane	12.40	75	195045	29.311	ug/l # 100
80) 1,3,5-Trimethylbenzene	12.74	105	9870	0.512	ug/l 97
81) trans-1,4-Dichloro-2-buten	12.40	75	195045	103.144	ug/l # 6
84) 1,2,4-Trimethylbenzene	13.04	105	24795	1.265	ug/l 91
85) sec-Butylbenzene	13.04	105	24795	1.091	ug/l # 58
90) Hexachloroethane	13.73	117	19828	6.659	ug/l # 12
92) 1,2-Dibromo-3-Chloropropan	14.12	75	528	0.416	ug/l # 26

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Quant Title : SW846 8260
QLast Update : Tue Sep 10 03:02:13 2019
Response via : Initial Calibration

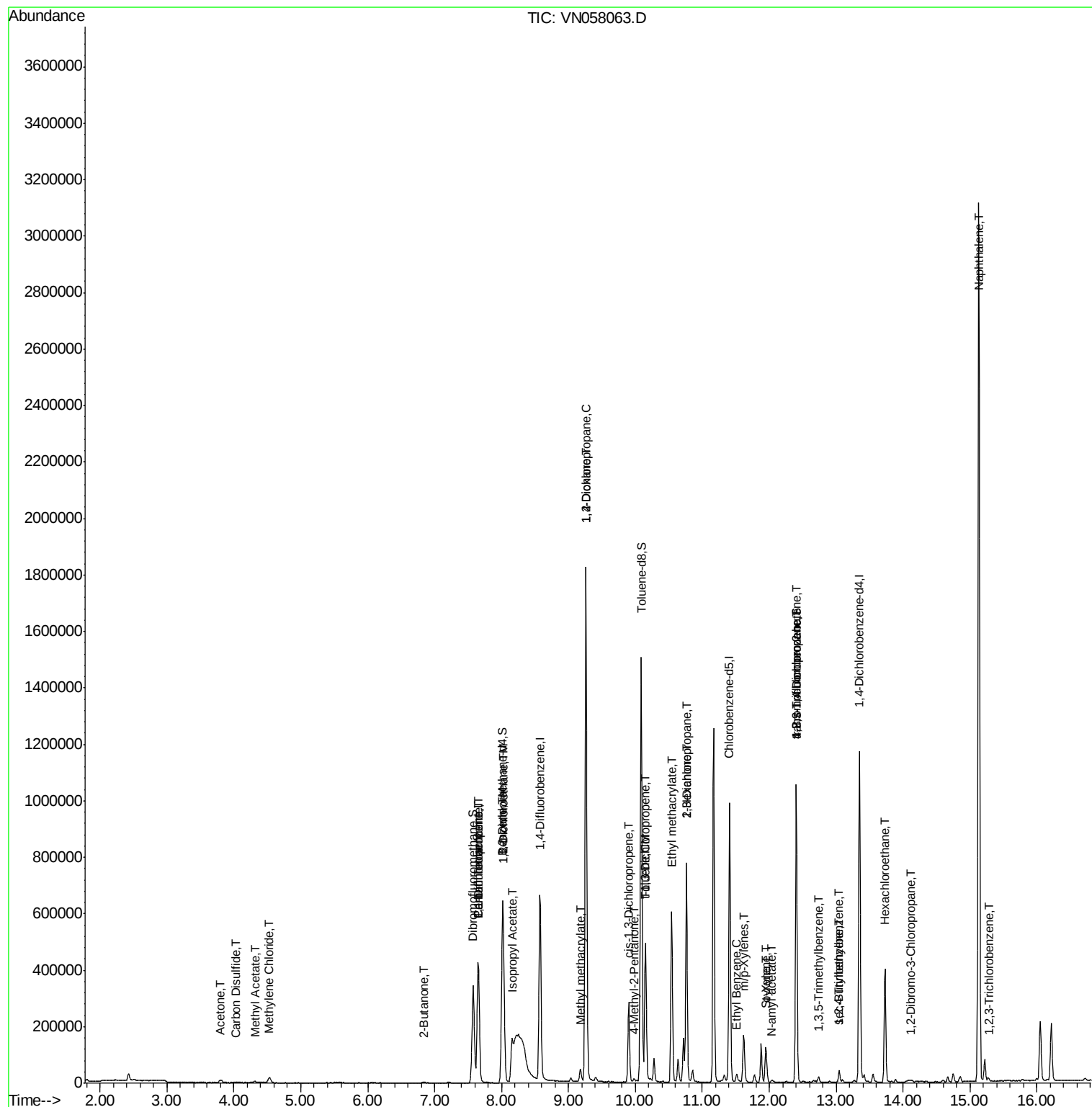
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.13	128	2423159	143.659	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	185	1.029	ug/l #	79

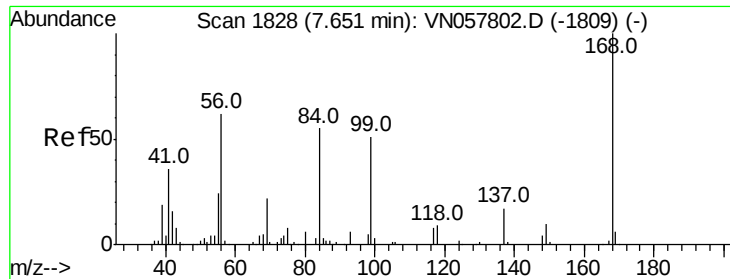
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN058063.D

Acq: 14 Sep 2019 9:39

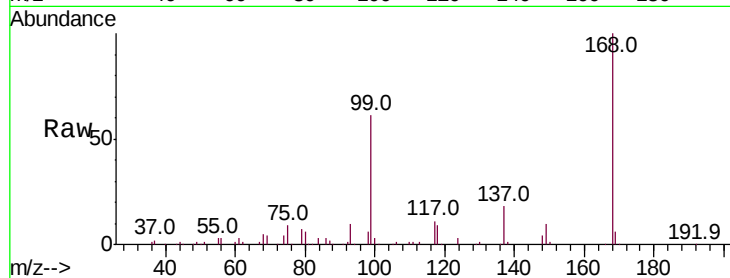
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 328059

Ion Ratio Lower Upper

168 100

99 61.2 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

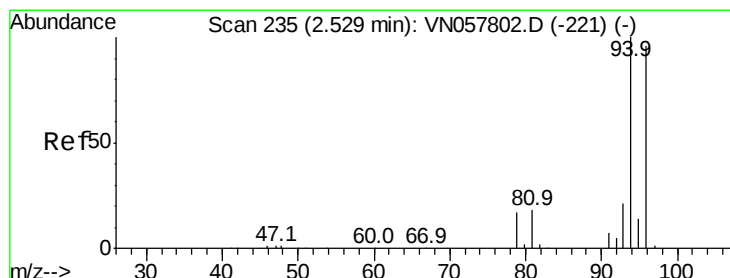
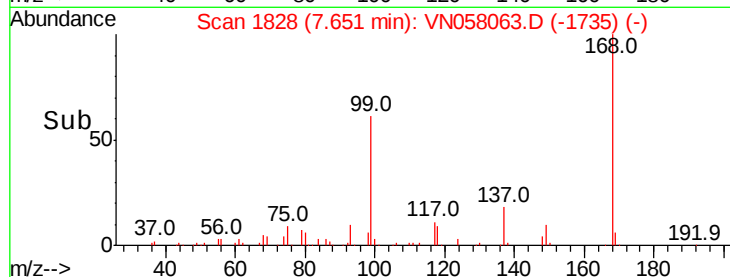
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.54 min Scan# 239

Delta R.T. 0.01 min

Lab File: VN058063.D

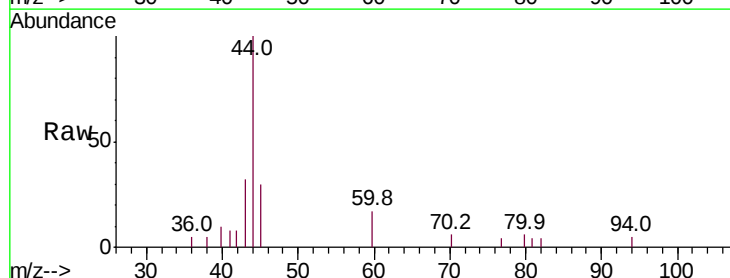
Acq: 14 Sep 2019 9:39

Tgt Ion: 94 Resp: 138

Ion Ratio Lower Upper

94 100

96 0.0 77.0 115.4#



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

250

200

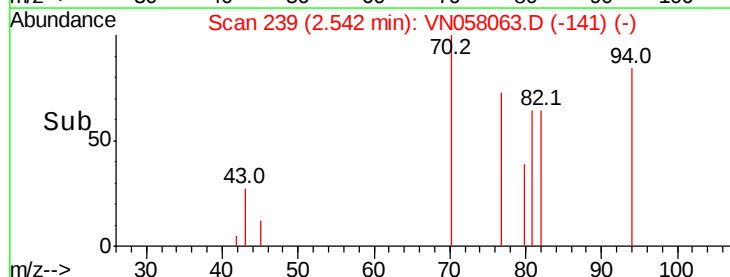
150

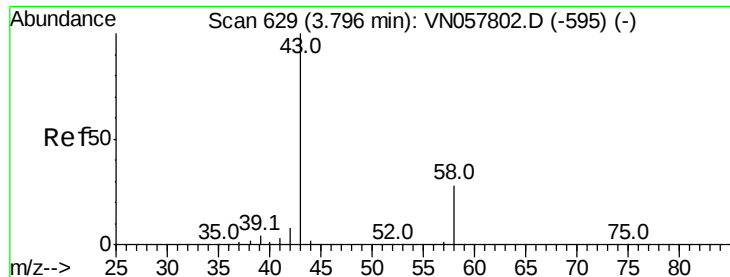
100

50

0

Time-->





#16

Acetone

Concen: 8.049 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN058063.D

Acq: 14 Sep 2019 9:39

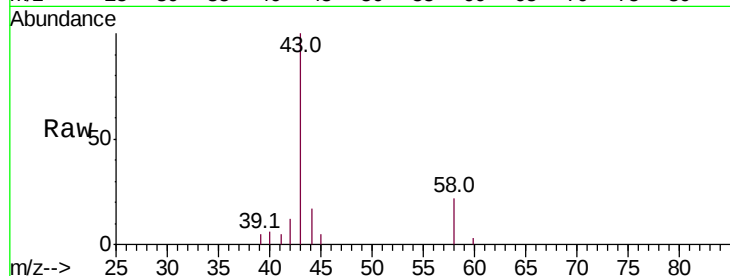
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 17533

Ion Ratio Lower Upper

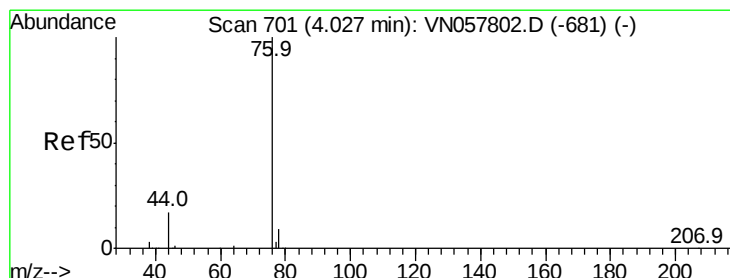
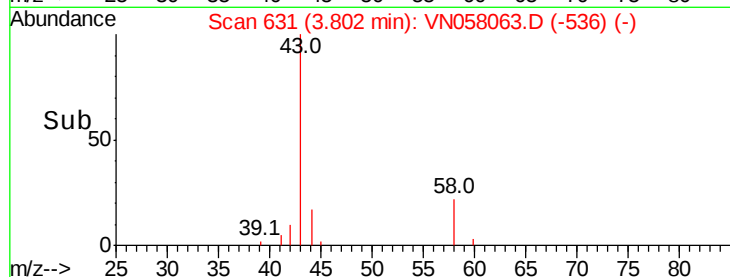
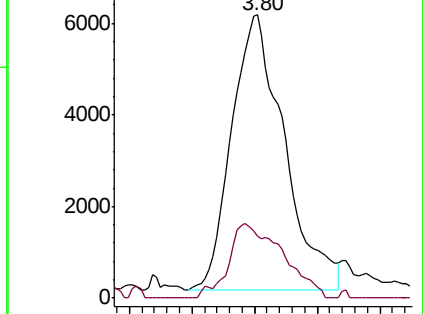
43 100

58 22.3 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN057802.D (-595) (-)

Ion 58.00 (57.70 to 58.70): VN057802.D (-595) (-)



#17

Carbon Disulfide

Concen: 0.236 ug/l

RT: 4.04 min Scan# 704

Delta R.T. 0.01 min

Lab File: VN058063.D

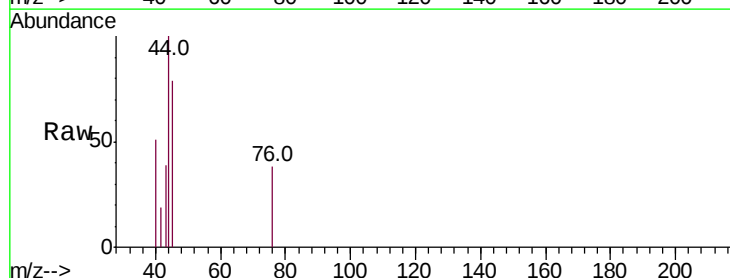
Acq: 14 Sep 2019 9:39

Tgt Ion: 76 Resp: 422

Ion Ratio Lower Upper

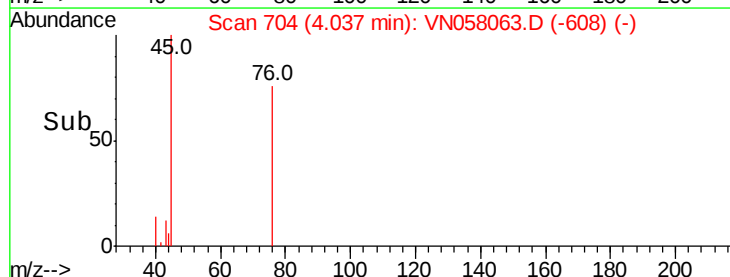
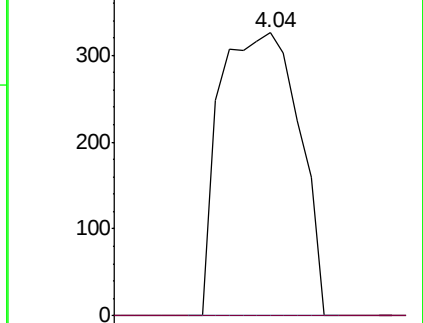
76 100

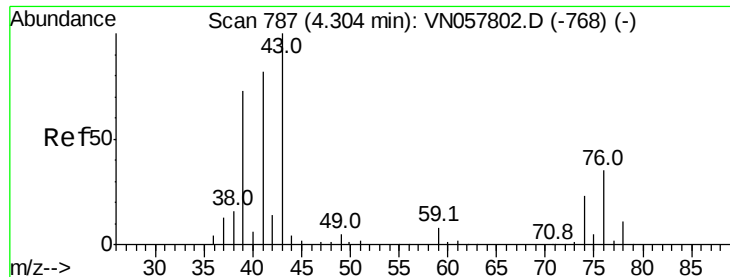
78 0.0 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VN057802.D (-681) (-)

Ion 77.90 (77.60 to 78.60): VN057802.D (-681) (-)

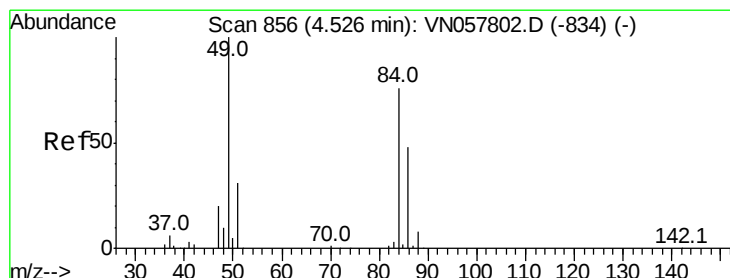
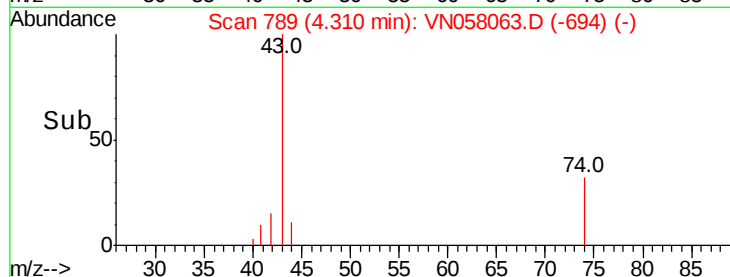
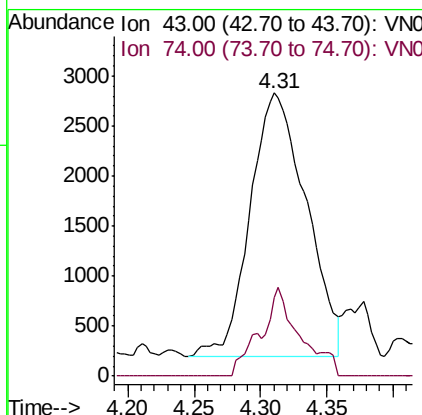
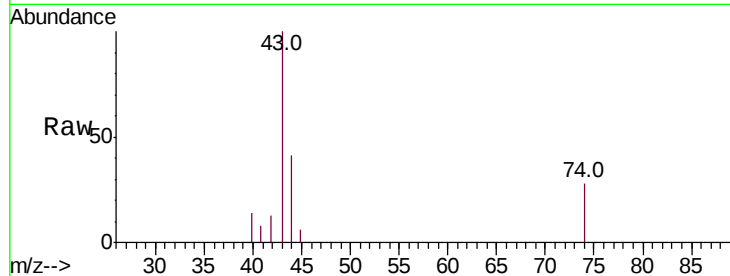




#18
Methyl Acetate
Concen: 1.338 ug/l
RT: 4.31 min Scan# 789
Delta R.T. 0.01 min
Lab File: VN058063.D
Acq: 14 Sep 2019 9:39

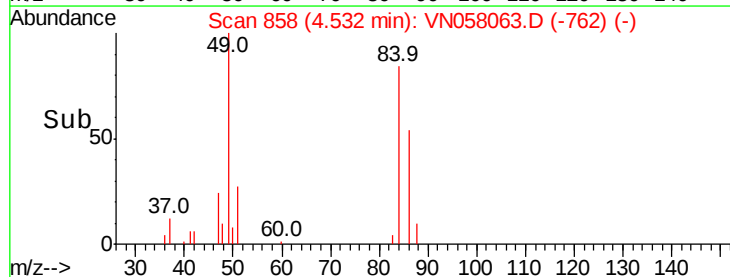
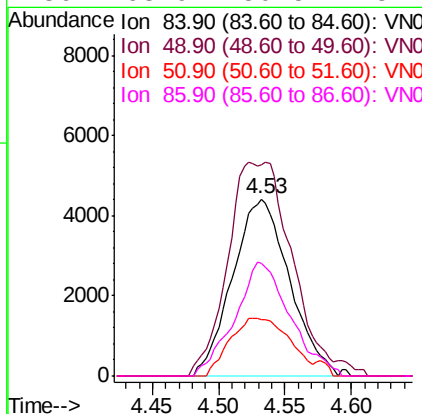
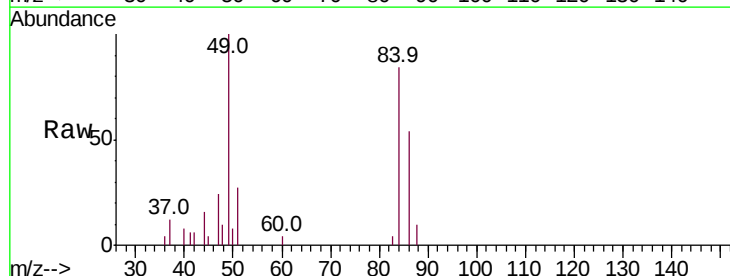
Instrument :
MSVOA_N
ClientSampled :

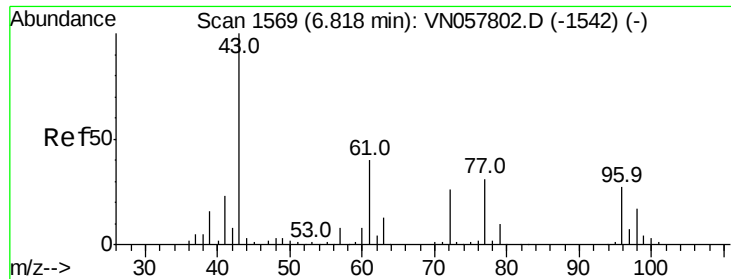
Tot Ion: 43 Resp: 7769
Ion Ratio Lower Upper
43 100
74 23.6 17.9 26.9



#20
Methylene Chloride
Concen: 2.002 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.01 min
Lab File: VN058063.D
Acq: 14 Sep 2019 9:39

Tgt Ion: 84 Resp: 13202
Ion Ratio Lower Upper
84 100
49 119.3 104.8 157.2
51 32.1 33.0 49.4#
86 63.9 50.5 75.7

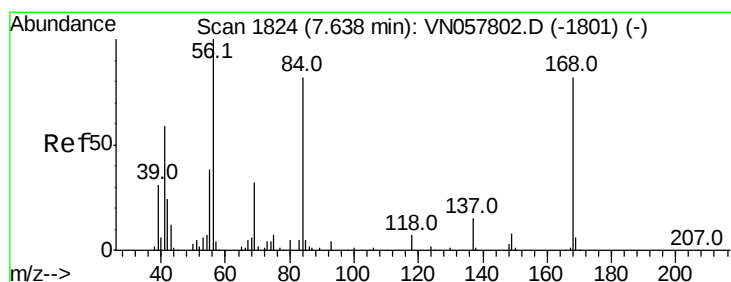
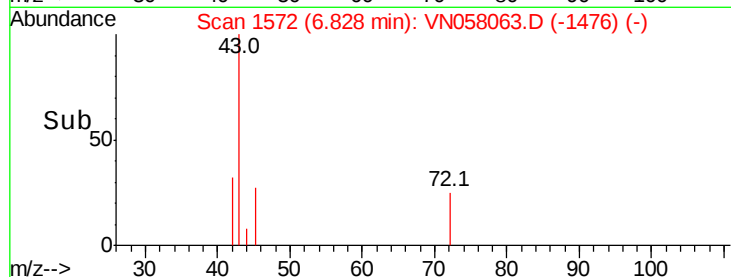
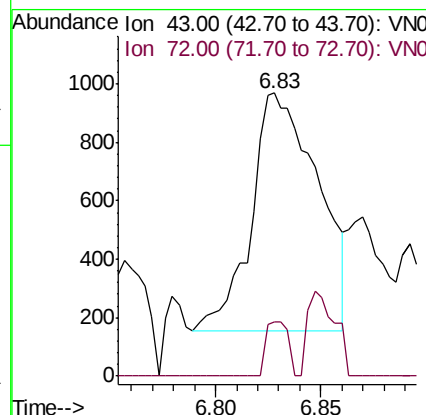
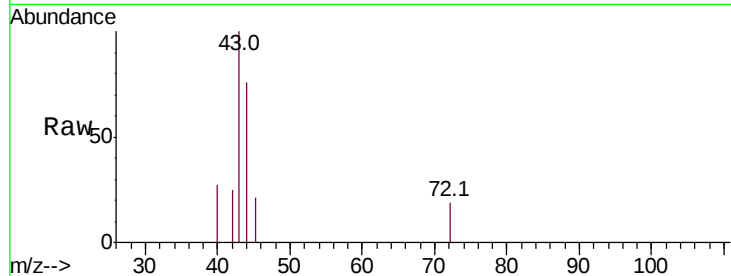




#25
2-Butanone
Concen: 0.568 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.01 min
Lab File: VN058063.D
Acq: 14 Sep 2019 9:39

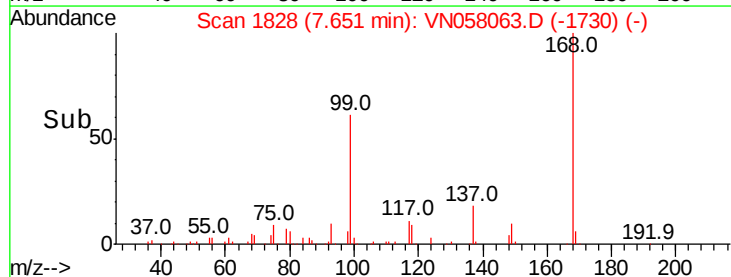
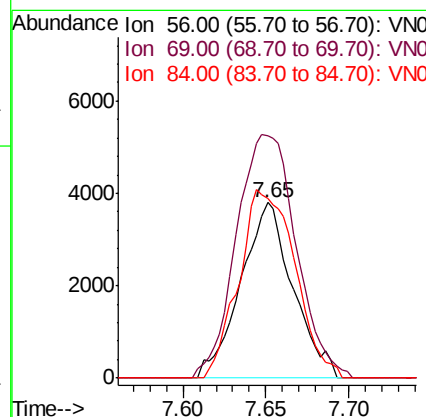
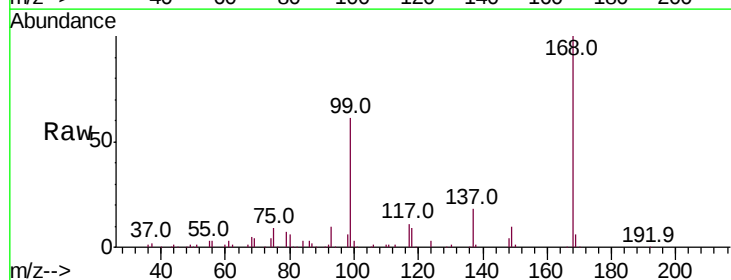
Instrument :
MSVOA_N
ClientSampled :

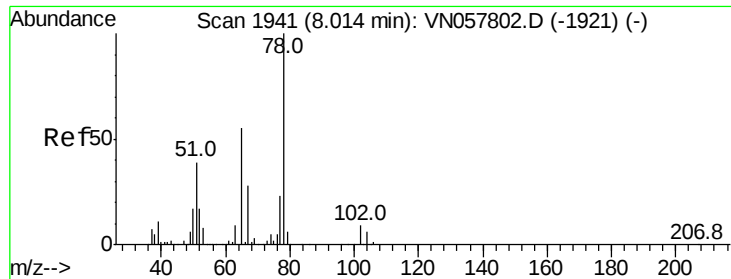
Tot Ion: 43 Resp: 1791
Ion Ratio Lower Upper
43 100
72 22.6 20.6 30.8



#31
Cyclohexane
Concen: Below Cal
RT: 7.65 min Scan# 1828
Delta R.T. 0.01 min
Lab File: VN058063.D
Acq: 14 Sep 2019 9:39

Tgt Ion: 56 Resp: 8291
Ion Ratio Lower Upper
56 100
69 137.8 25.9 38.9#
84 102.3 65.6 98.4#





#33

1,2-Dichloroethane-d4

Concen: 56.689 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN058063.D

Acq: 14 Sep 2019 9:39

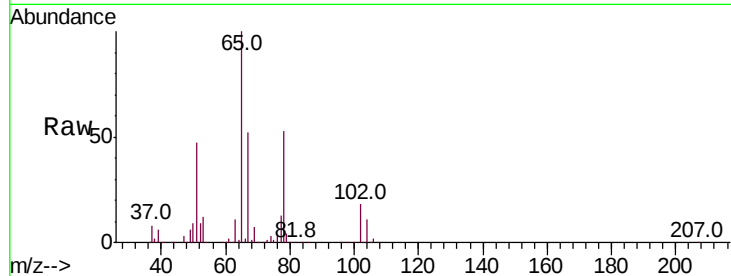
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 65 Resp: 376677

Ion Ratio Lower Upper

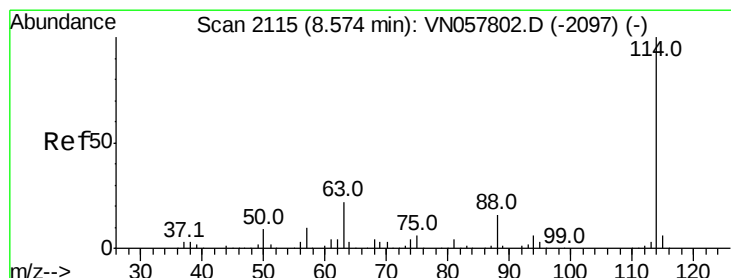
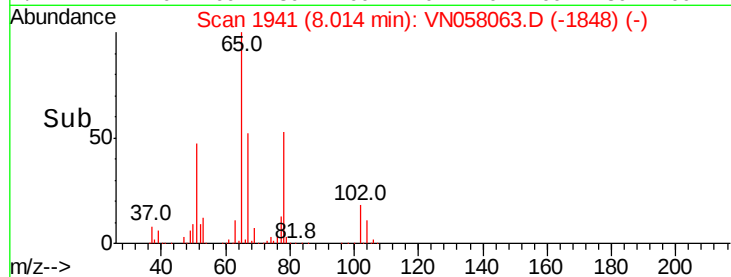
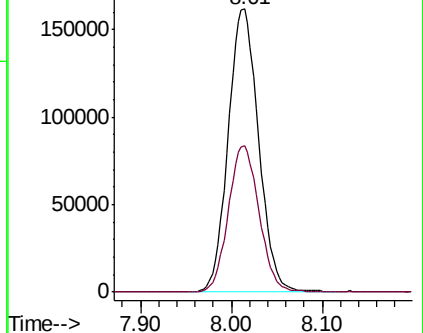
65 100

67 52.3 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. 0.00 min

Lab File: VN058063.D

Acq: 14 Sep 2019 9:39

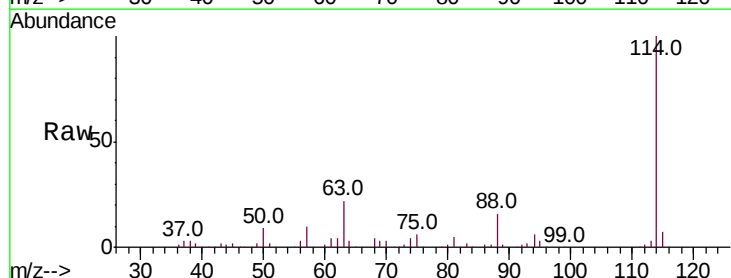
Tgt Ion: 114 Resp: 568722

Ion Ratio Lower Upper

114 100

63 22.4 0.0 44.0

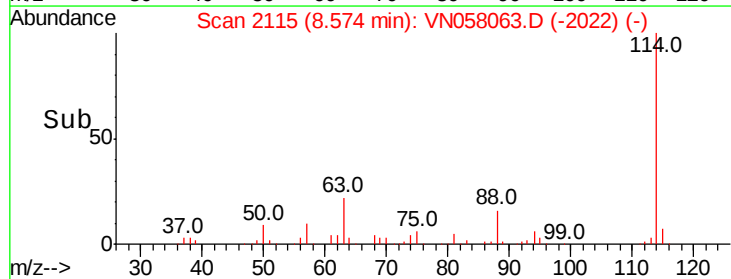
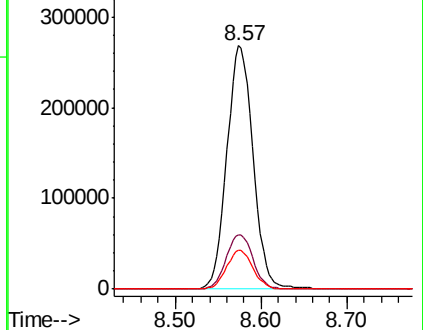
88 16.1 0.0 31.4

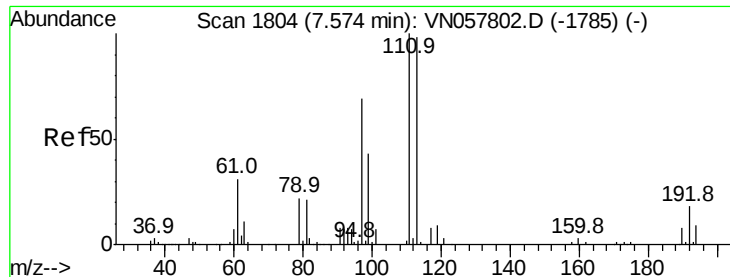


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

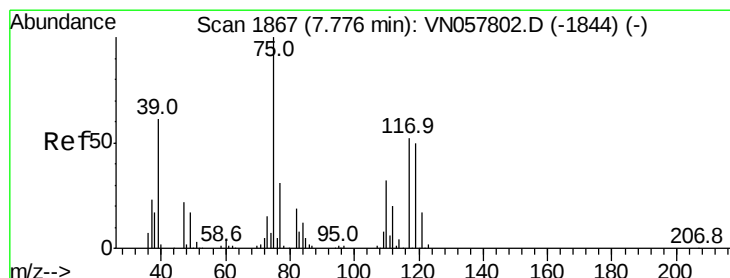
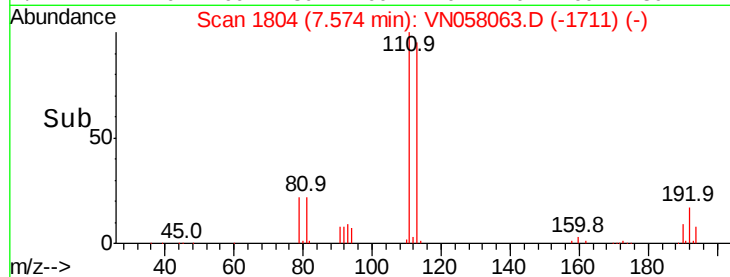
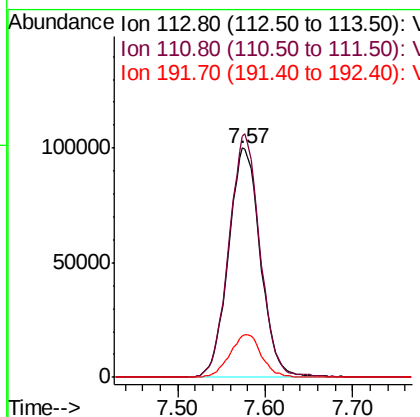
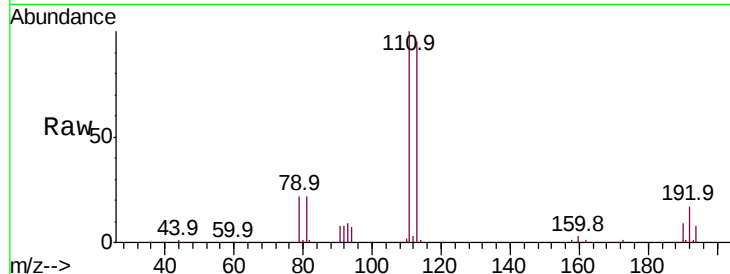




#35
 Dibromofluoromethane
 Concen: 48.227 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058063.D
 Acq: 14 Sep 2019 9:39

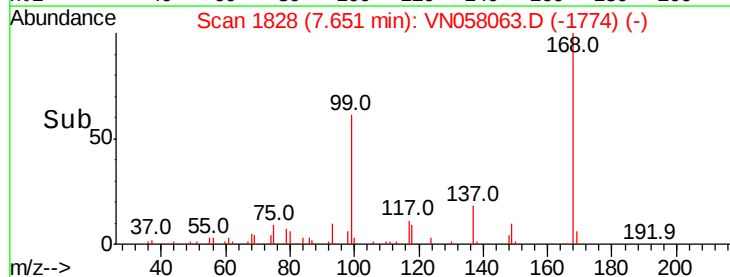
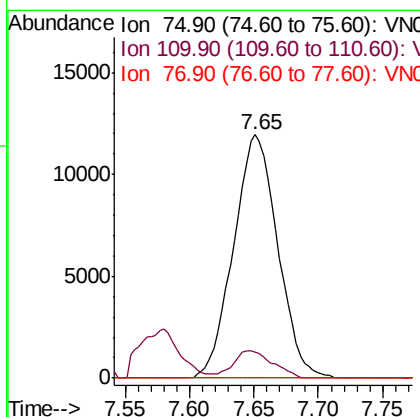
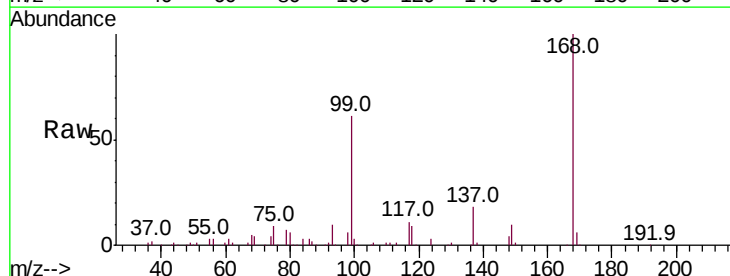
Instrument :
 MSVOA_N
 ClientSampled :

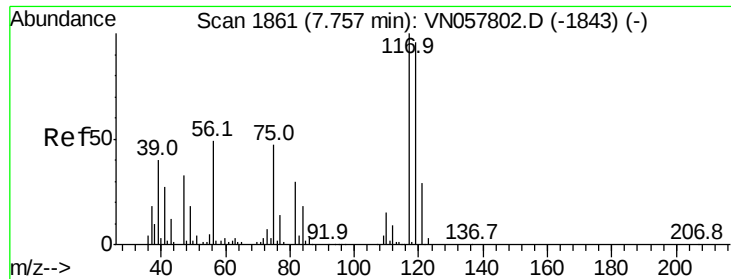
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.3	121.9
192	18.5	14.6	22.0



#36
 1,1-Dichloropropene
 Concen: 4.323 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.13 min
 Lab File: VN058063.D
 Acq: 14 Sep 2019 9:39

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.1	16.3	48.9#
77	0.0	25.0	37.4#

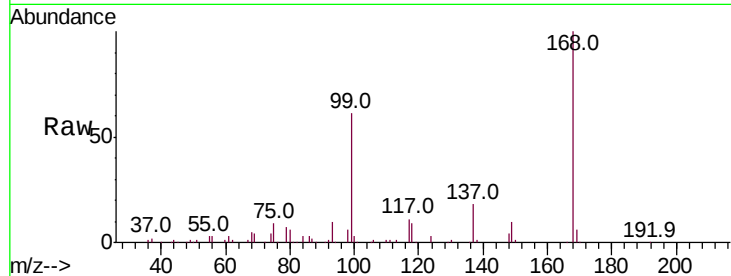




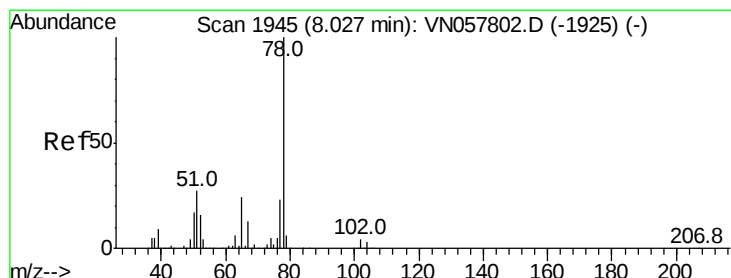
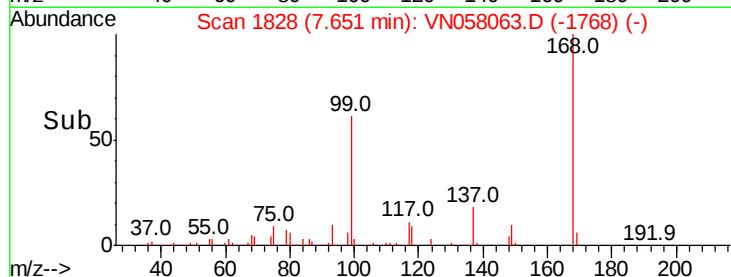
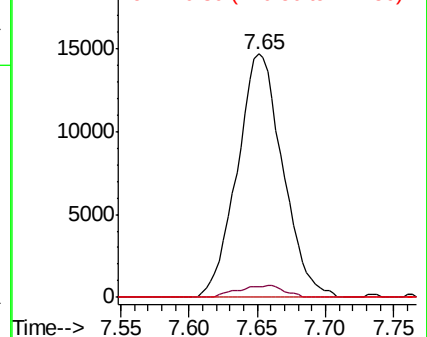
#38
Carbon Tetrachloride
Concen: 5.639 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.11 min
Lab File: VN058063.D
Acq: 14 Sep 2019 9:39

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 33955
Ion Ratio Lower Upper
117 100
119 4.6 76.9 115.3#
121 0.0 23.4 35.2#

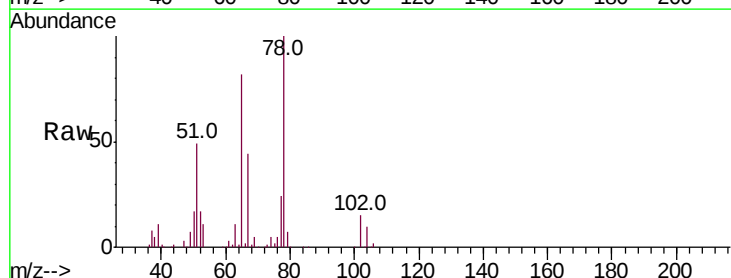


Abundance Ion 116.80 (116.50 to 117.50): V
20000 Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

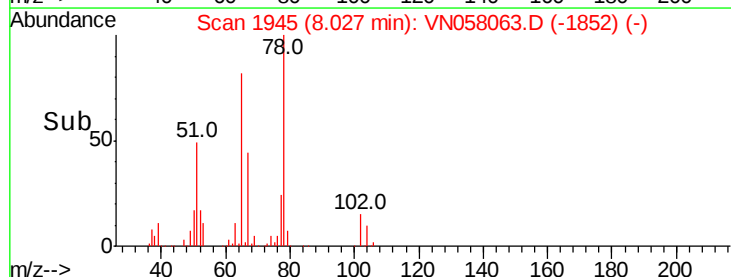
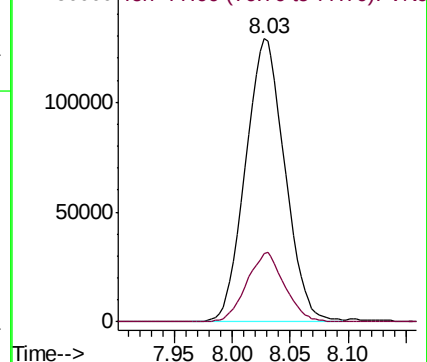


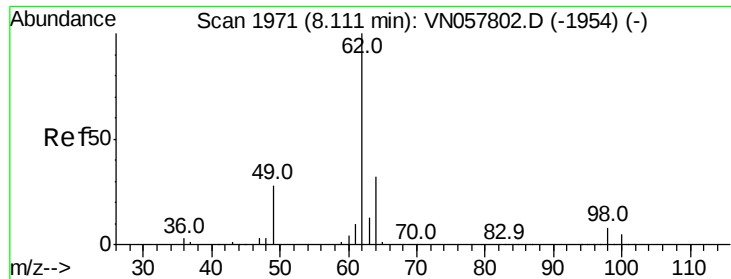
#40
Benzene
Concen: 15.305 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN058063.D
Acq: 14 Sep 2019 9:39

Tgt Ion: 78 Resp: 303914
Ion Ratio Lower Upper
78 100
77 23.9 18.3 27.5



Abundance Ion 78.00 (77.70 to 78.70): V
150000 Ion 77.00 (76.70 to 77.70): V

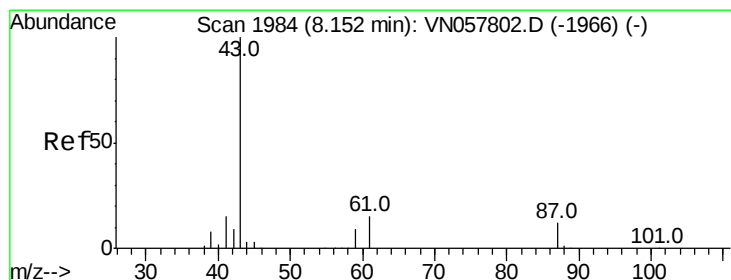
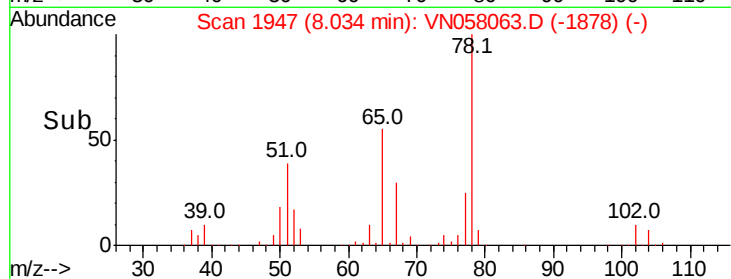
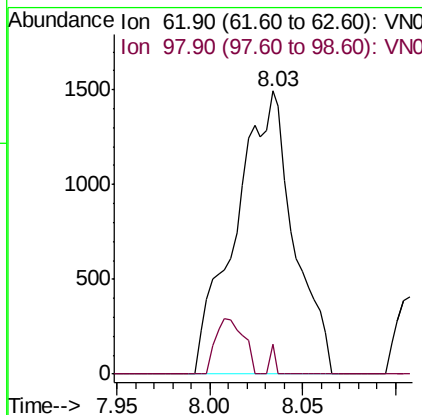
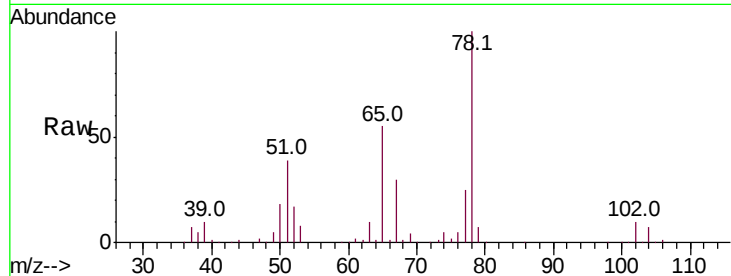




#42
 1,2-Dichloroethane
 Concen: 0.410 ug/l
 RT: 8.03 min Scan# 1947
 Delta R.T. -0.08 min
 Lab File: VN058063.D
 Acq: 14 Sep 2019 9:39

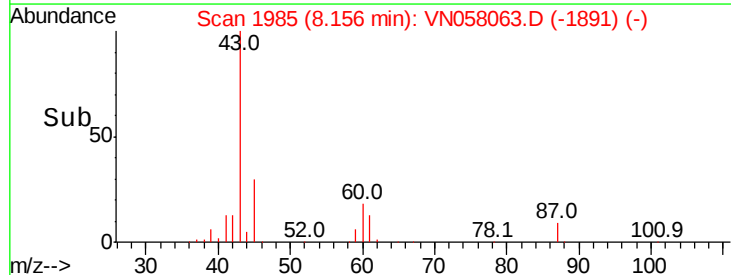
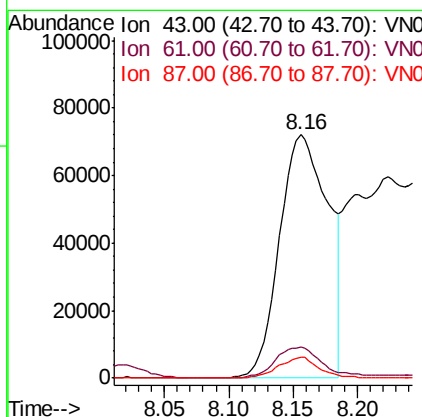
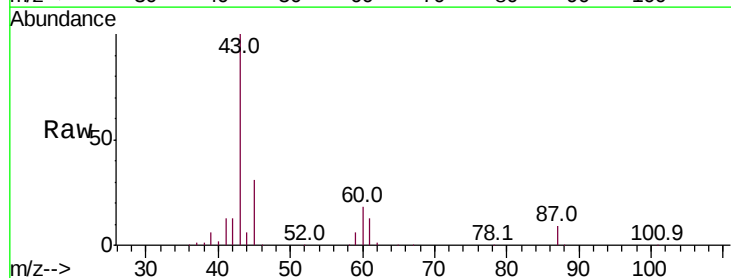
Instrument :
 MSVOA_N
 ClientSampled :

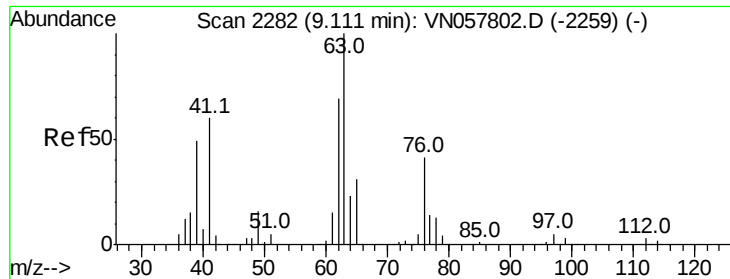
Tot Ion: 62 Resp: 3256
 Ion Ratio Lower Upper
 62 100
 98 0.9 0.0 15.8



#43
 Isopropyl Acetate
 Concen: 16.515 ug/l
 RT: 8.16 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VN058063.D
 Acq: 14 Sep 2019 9:39

Tgt Ion: 43 Resp: 189261
 Ion Ratio Lower Upper
 43 100
 61 12.6 20.1 30.1#
 87 7.1 9.5 14.3#

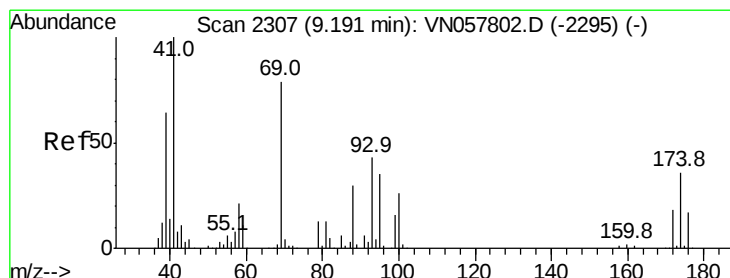
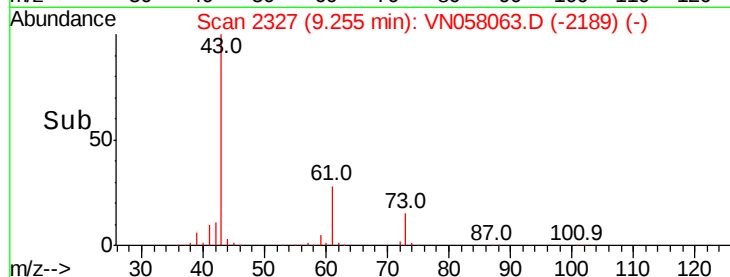
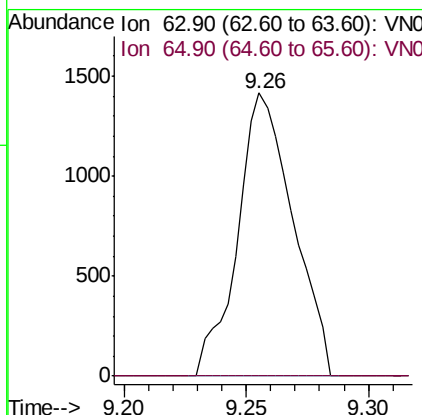
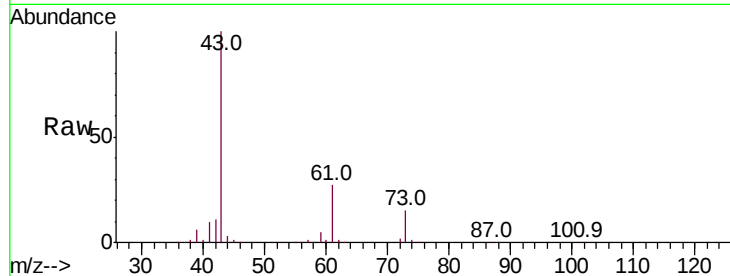




#45
 1,2-Dichloropropane
 Concen: 0.385 ug/l
 RT: 9.26 min Scan# 2327
 Delta R.T. 0.14 min
 Lab File: VN058063.D
 Acq: 14 Sep 2019 9:39

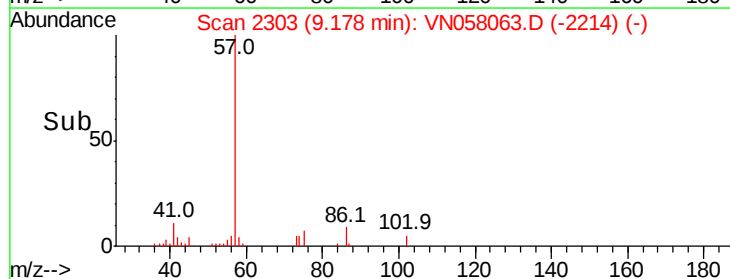
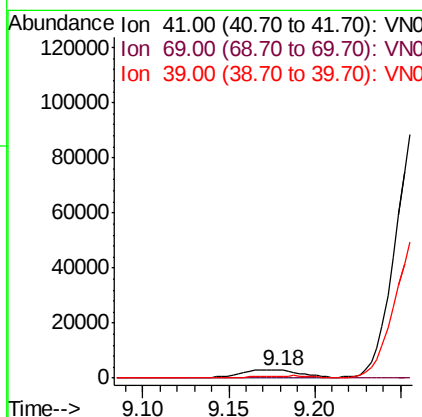
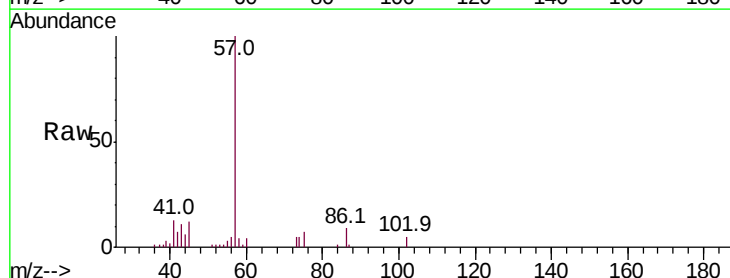
Instrument :
 MSVOA_N
 ClientSampleId :

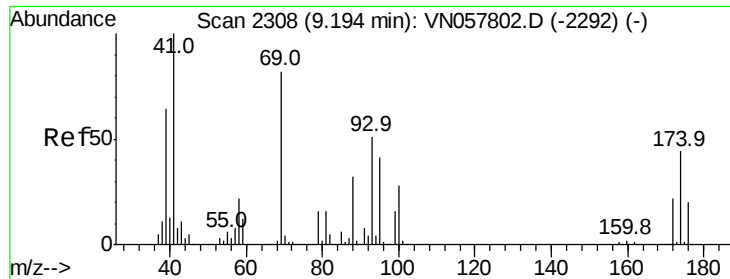
Tot Ion: 63 Resp: 2227
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.8 37.2#



#48
 Methyl methacrylate
 Concen: 1.273 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. -0.01 min
 Lab File: VN058063.D
 Acq: 14 Sep 2019 9:39

Tgt Ion: 41 Resp: 7401
 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: 0.651 ug/l

RT: 9.26 min Scan# 2327

Delta R.T. 0.06 min

Lab File: VN058063.D

Acq: 14 Sep 2019 9:39

Instrument :
MSVOA_N
ClientSampleId :

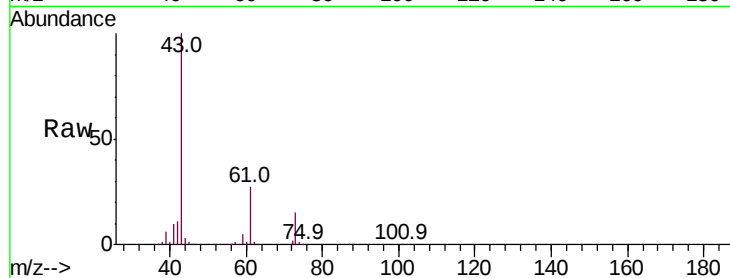
Tot Ion: 88 Resp: 64

Ion Ratio Lower Upper

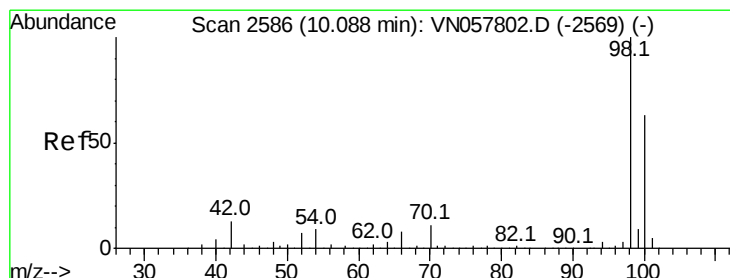
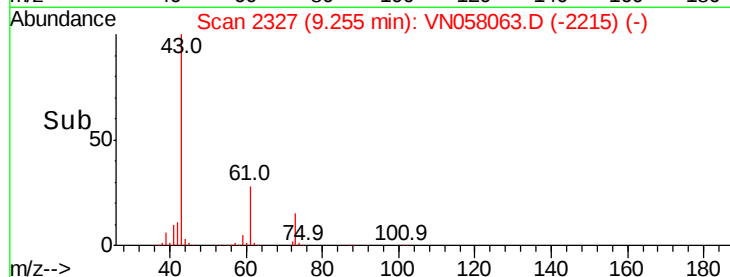
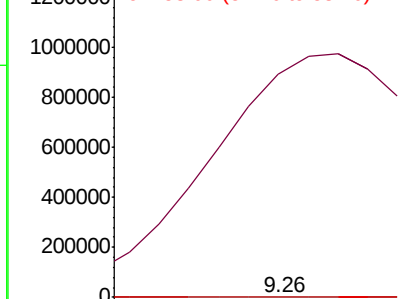
88 100

43 2821517.2 28.5 42.7#

58 12217.2 55.8 83.6#



Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 51.354 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN058063.D

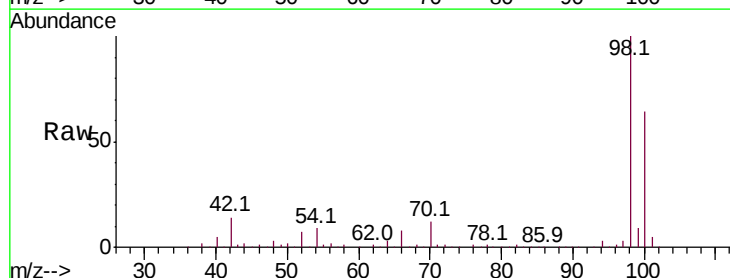
Acq: 14 Sep 2019 9:39

Tgt Ion: 98 Resp: 1046575

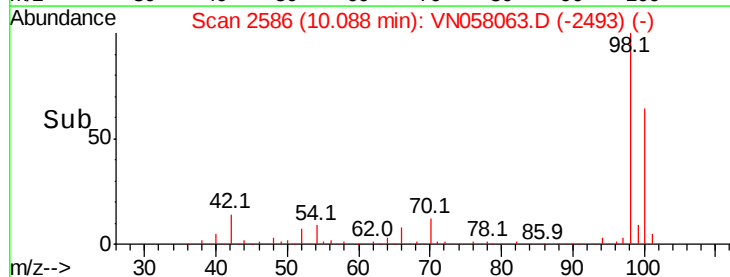
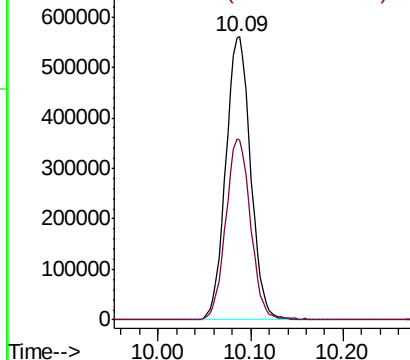
Ion Ratio Lower Upper

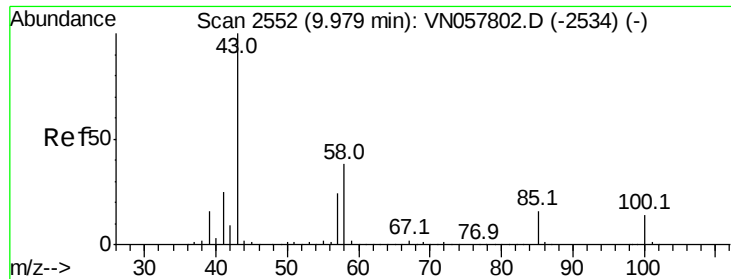
98 100

100 63.5 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 1.314 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VN058063.D

Acq: 14 Sep 2019 9:39

Instrument :

MSVOA_N

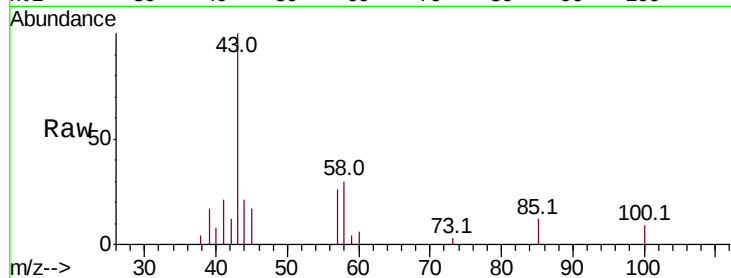
ClientSampled :

Tot Ion: 43 Resp: 8909

Ion Ratio Lower Upper

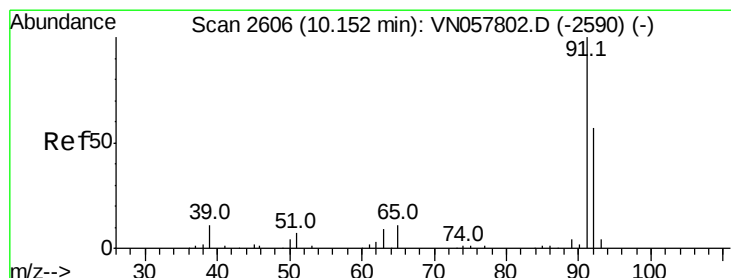
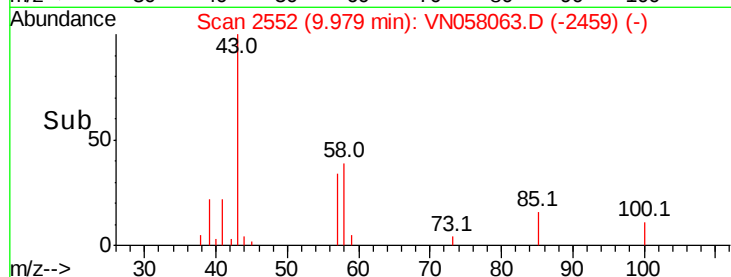
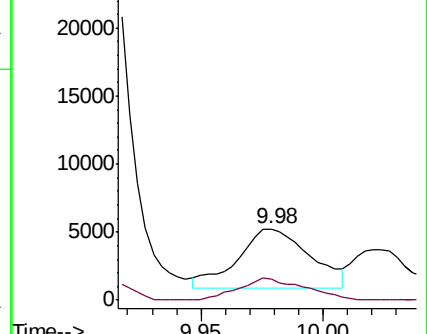
43 100

58 34.2 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) (-)



#52

Toluene

Concen: 16.533 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN058063.D

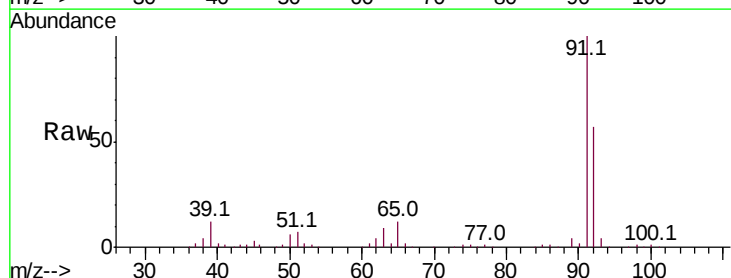
Acq: 14 Sep 2019 9:39

Tgt Ion: 92 Resp: 206776

Ion Ratio Lower Upper

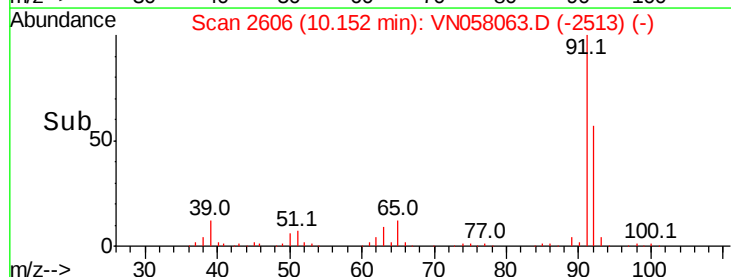
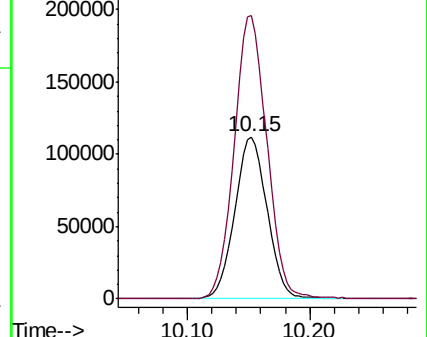
92 100

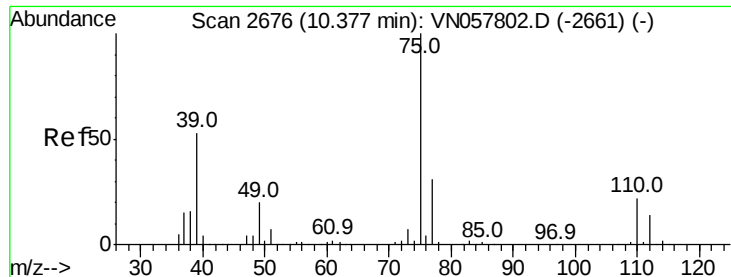
91 177.4 141.0 211.6



Abundance Ion 92.00 (91.70 to 92.70): VN057802.D (-2590) (-)

Ion 91.00 (90.70 to 91.70): VN057802.D (-2590) (-)





#53

t-1,3-Dichloropropene

Concen: 0.364 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. -0.23 min

Lab File: VN058063.D

Acq: 14 Sep 2019 9:39

Instrument :

MSVOA_N

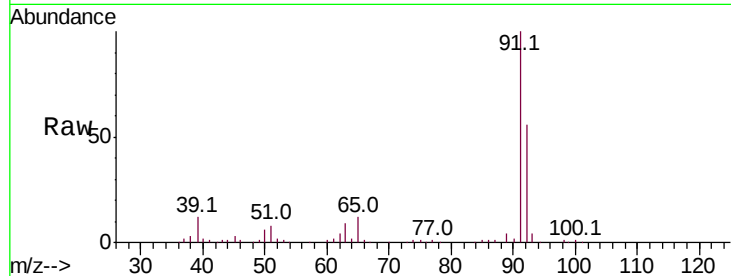
ClientSampled :

Tot Ion: 75 Resp: 2676

Ion Ratio Lower Upper

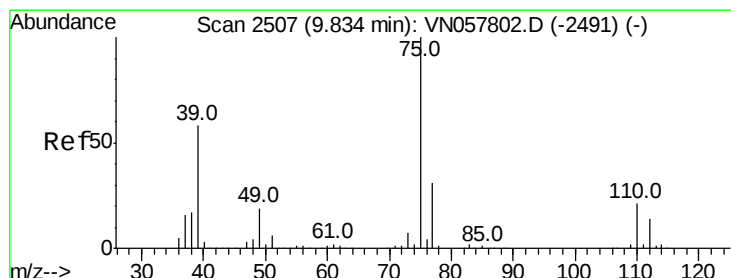
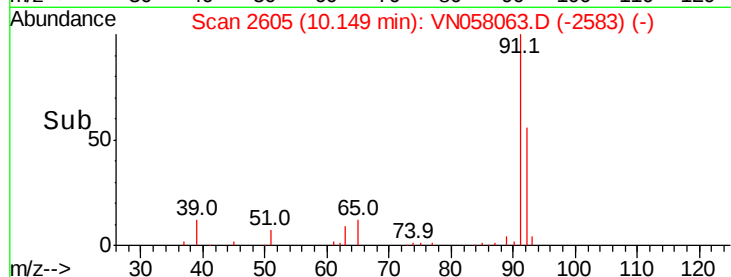
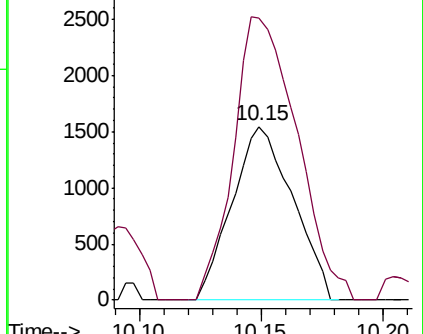
75 100

77 162.7 24.5 36.7#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 5.987 ug/l

RT: 9.90 min Scan# 2527

Delta R.T. 0.06 min

Lab File: VN058063.D

Acq: 14 Sep 2019 9:39

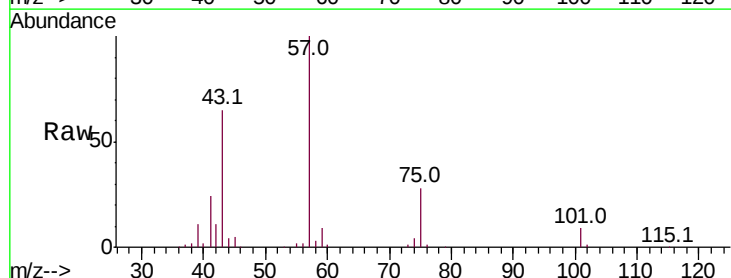
Tgt Ion: 75 Resp: 48535

Ion Ratio Lower Upper

75 100

77 0.0 24.8 37.2#

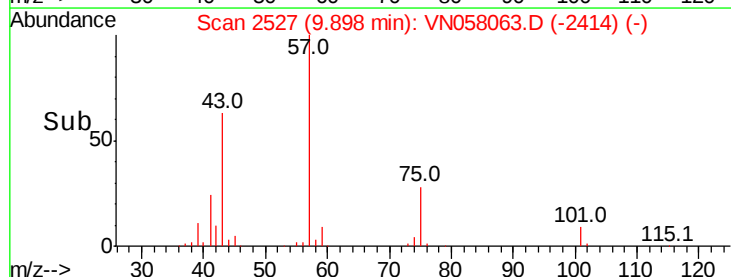
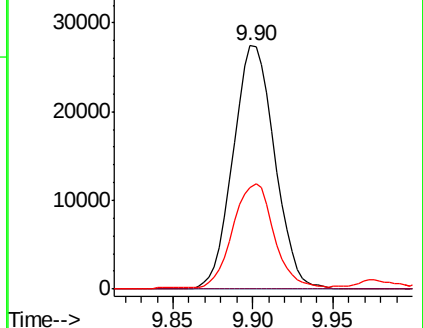
39 40.7 46.2 69.4#

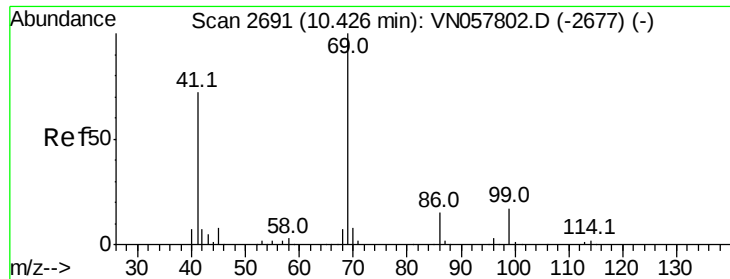


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#56

Ethyl methacrylate

Concen: 0.278 ug/l

RT: 10.54 min Scan# 2727

Delta R.T. 0.12 min

Lab File: VN058063.D

Acq: 14 Sep 2019 9:39

Instrument :

MSVOA_N

ClientSampled :

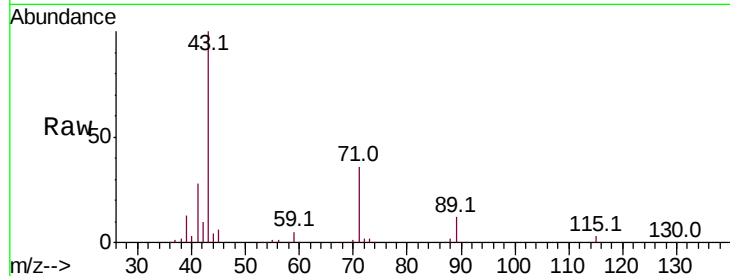
Tot Ion: 69 Resp: 2215

Ion Ratio Lower Upper

69 100

41 5641.4 56.7 85.1#

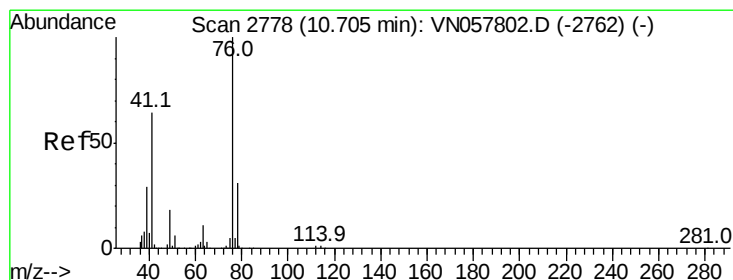
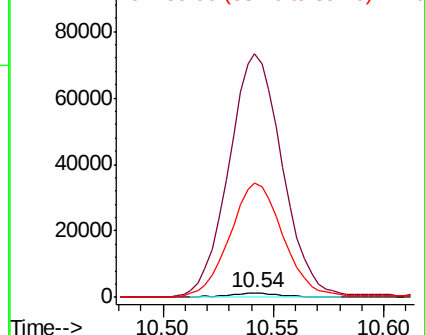
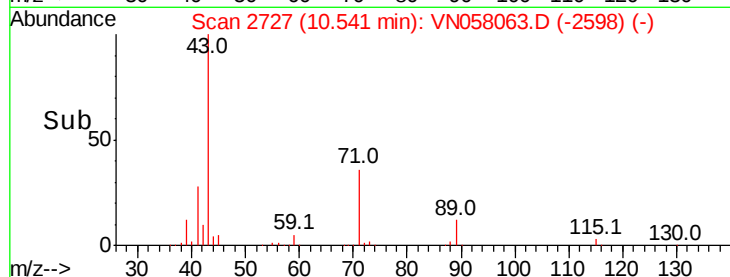
39 2621.8 36.3 54.5#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 0.809 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN058063.D

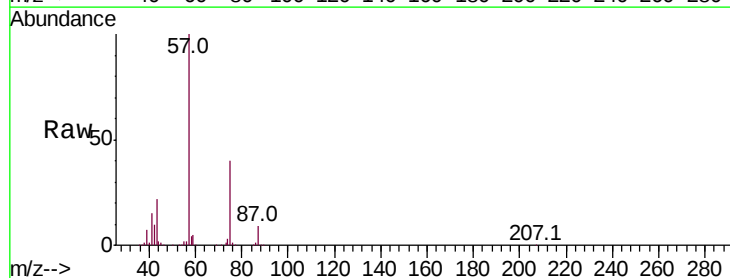
Acq: 14 Sep 2019 9:39

Tgt Ion: 76 Resp: 7389

Ion Ratio Lower Upper

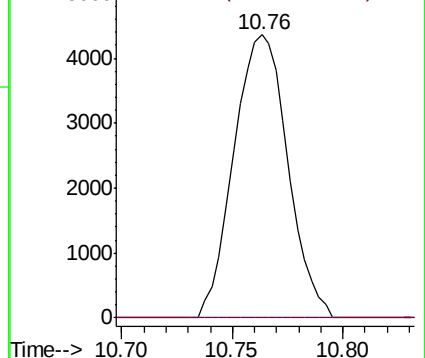
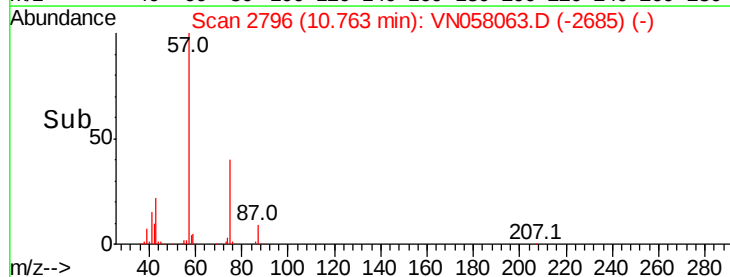
76 100

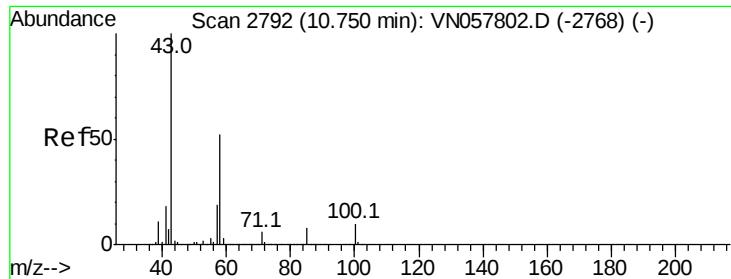
78 0.0 25.4 38.2#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

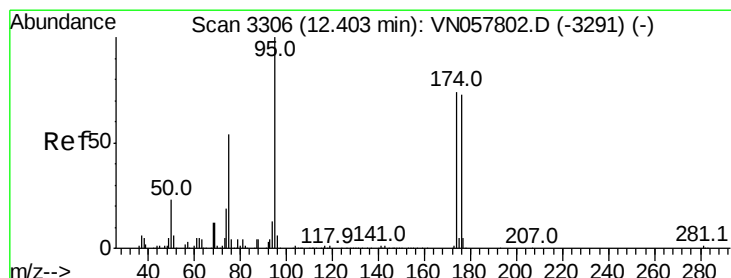
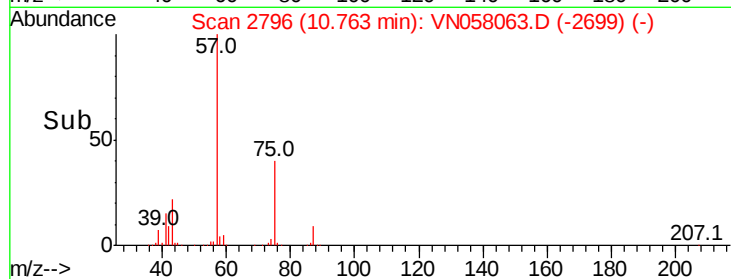
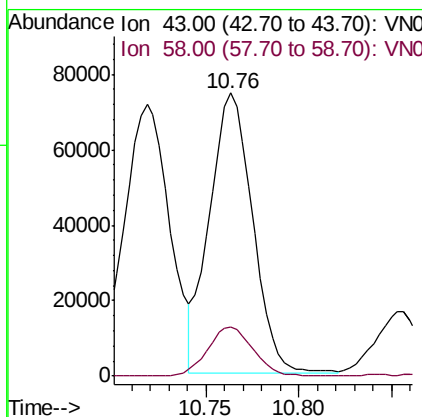
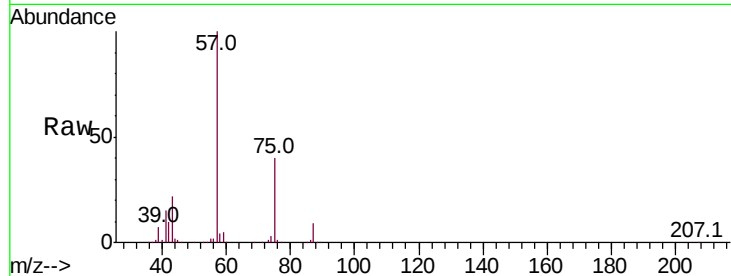




#59
2-Hexanone
Concen: 23.480 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN058063.D
Acq: 14 Sep 2019 9:39

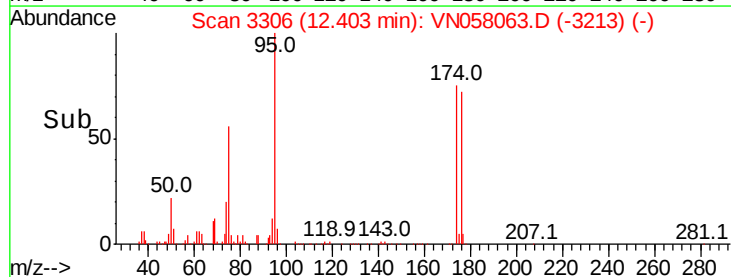
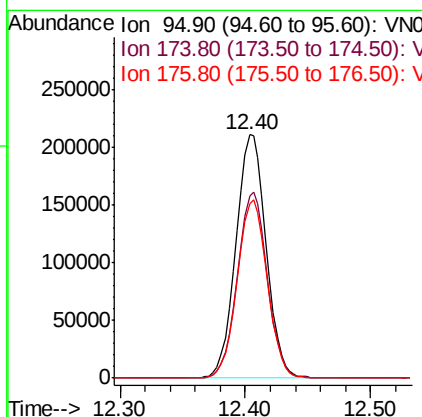
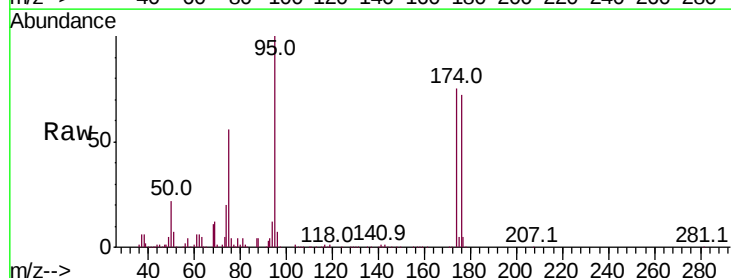
Instrument :
MSVOA_N
ClientSampleId :

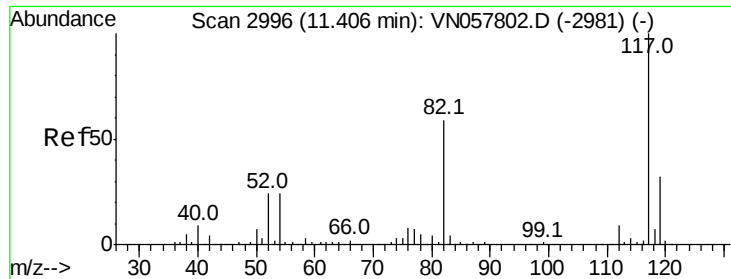
Tot Ion: 43 Resp: 119348
Ion Ratio Lower Upper
43 100
58 18.7 25.6 76.8#



#62
4-Bromofluorobenzene
Concen: 45.420 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN058063.D
Acq: 14 Sep 2019 9:39

Tgt Ion: 95 Resp: 352750
Ion Ratio Lower Upper
95 100
174 75.7 0.0 150.2
176 73.1 0.0 146.0

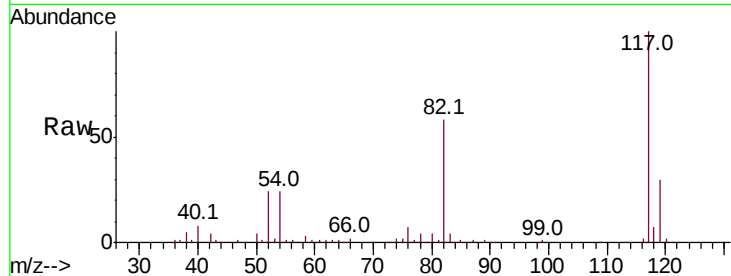




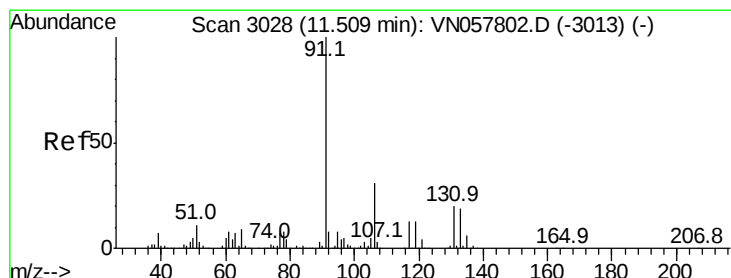
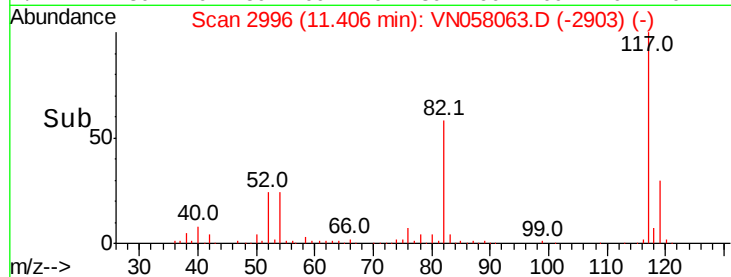
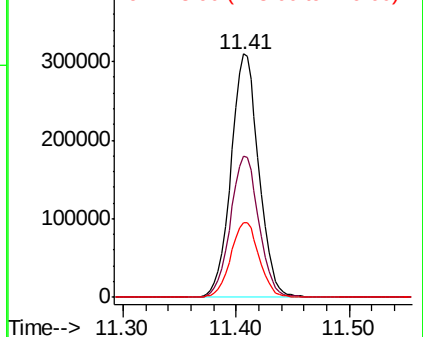
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058063.D
Acq: 14 Sep 2019 9:39

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 528034
Ion Ratio Lower Upper
117 100
82 58.0 47.2 70.8
119 30.4 25.3 37.9

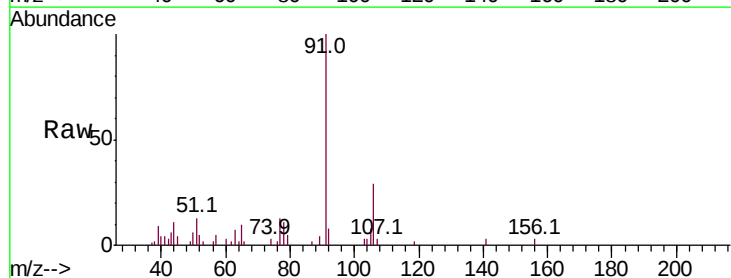


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

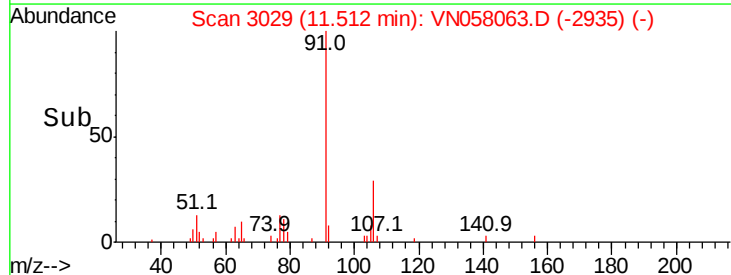
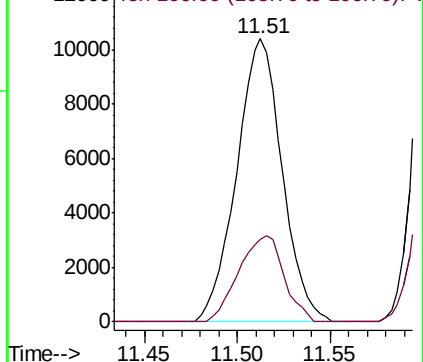


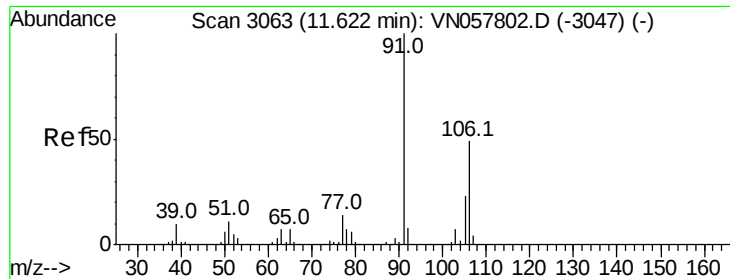
#67
Ethyl Benzene
Concen: 0.734 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN058063.D
Acq: 14 Sep 2019 9:39

Tgt Ion: 91 Resp: 17765
Ion Ratio Lower Upper
91 100
106 29.0 24.4 36.6



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 106.00 (105.70 to 106.70): V

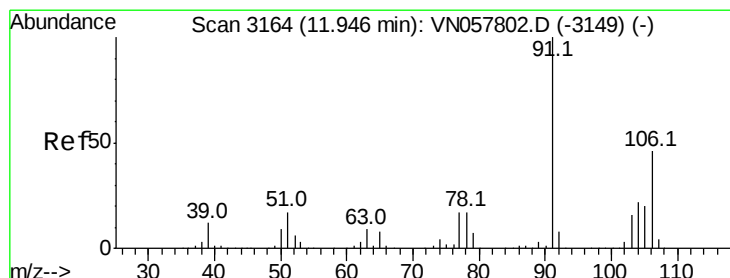
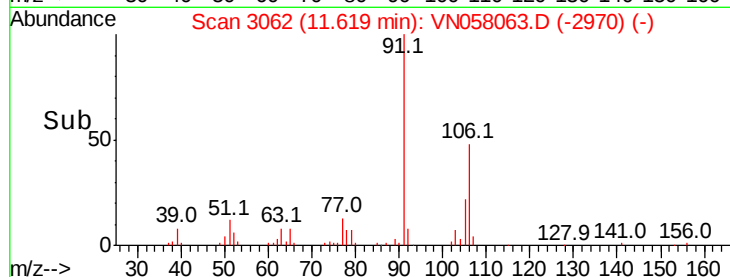
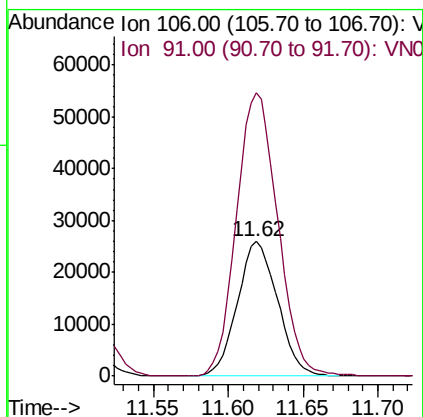
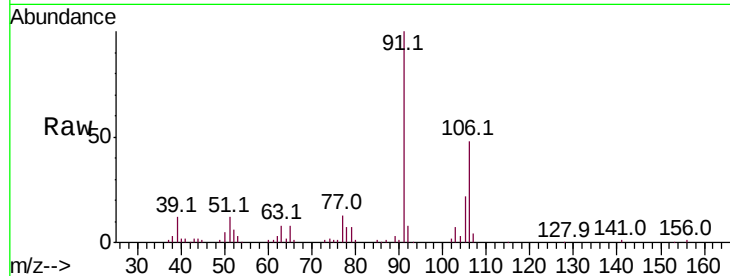




#68
m/p-Xylenes
Concen: 5.484 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN058063.D
Acq: 14 Sep 2019 9:39

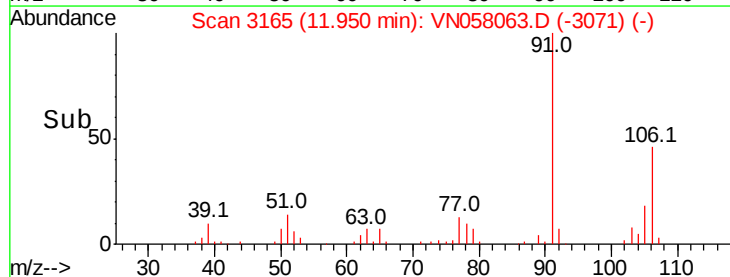
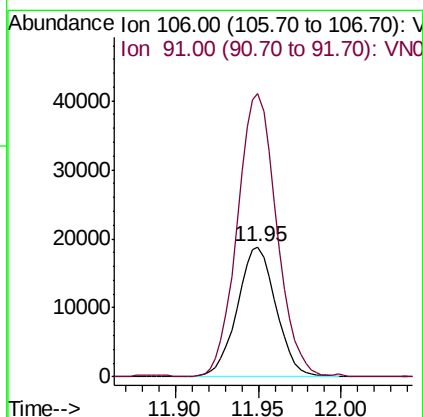
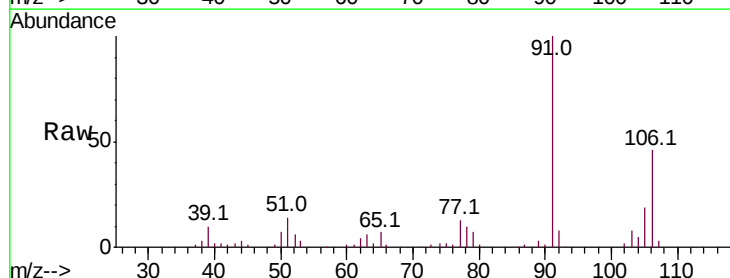
Instrument :
MSVOA_N
ClientSampleId :

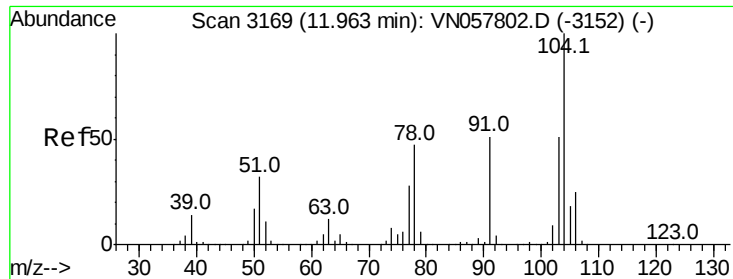
Tot Ion:106 Resp: 48646
Ion Ratio Lower Upper
106 100
91 215.8 165.8 248.6



#69
o-Xylene
Concen: 3.483 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN058063.D
Acq: 14 Sep 2019 9:39

Tgt Ion:106 Resp: 30715
Ion Ratio Lower Upper
106 100
91 220.8 108.7 326.1

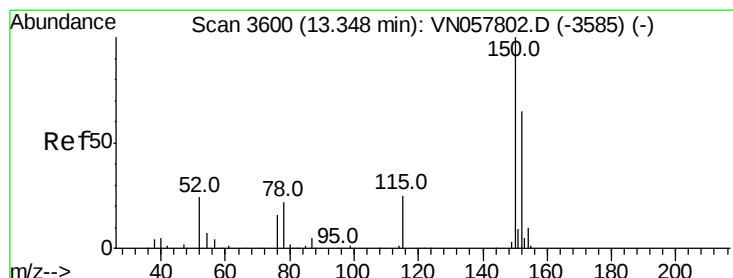
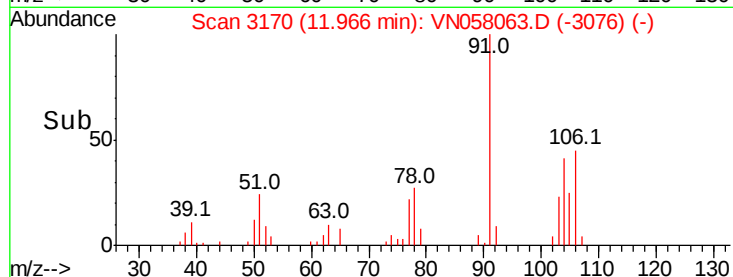
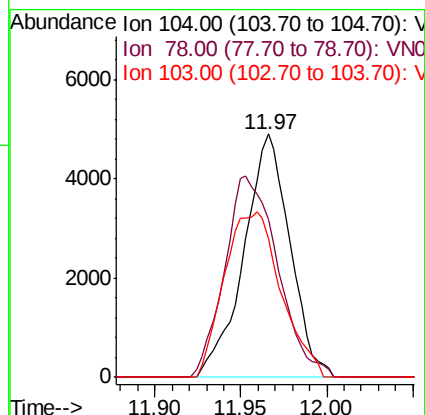
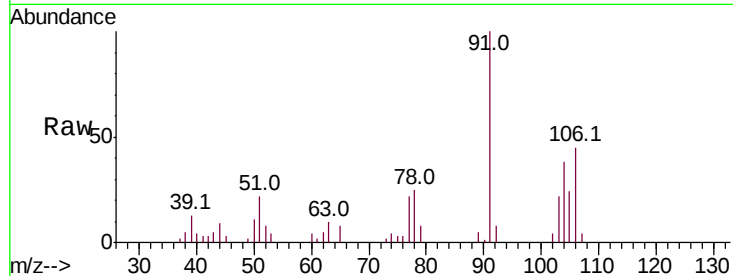




#70
Stvrene
Concen: 0.601 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN058063.D
Acq: 14 Sep 2019 9:39

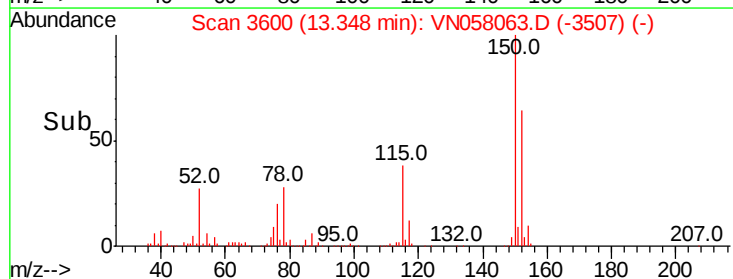
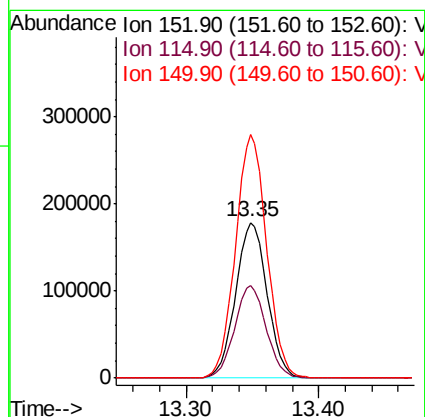
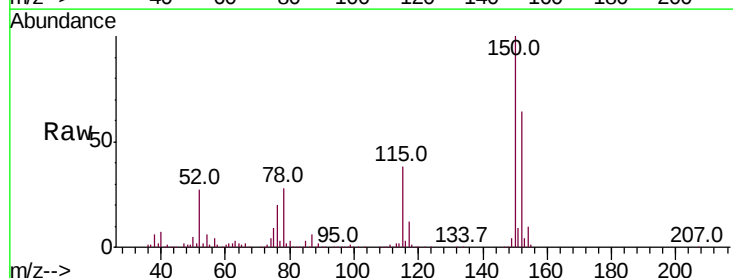
Instrument :
MSVOA_N
ClientSampled :

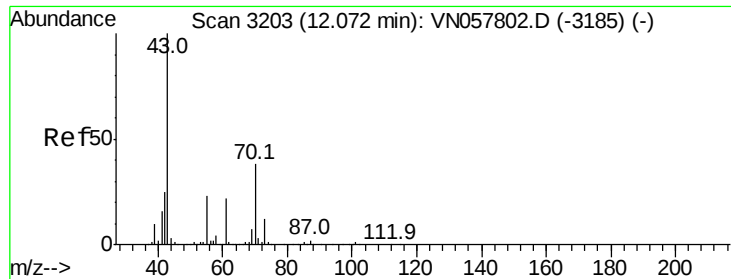
Tot Ion:104 Resp: 9115
Ion Ratio Lower Upper
104 100
78 95.9 41.3 61.9#
103 84.0 43.7 65.5#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN058063.D
Acq: 14 Sep 2019 9:39

Tgt Ion:152 Resp: 294161
Ion Ratio Lower Upper
152 100
115 59.7 30.3 91.0
150 154.9 0.0 352.4





#74

N-amvl acetate

Concen: 0.613 ug/l

RT: 12.03 min Scan# 3191

Delta R.T. -0.04 min

Lab File: VN058063.D

Acq: 14 Sep 2019 9:39

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 6088

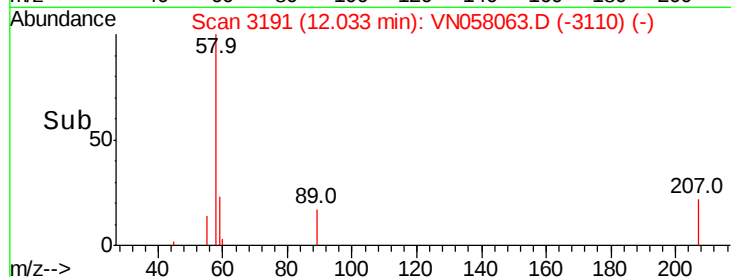
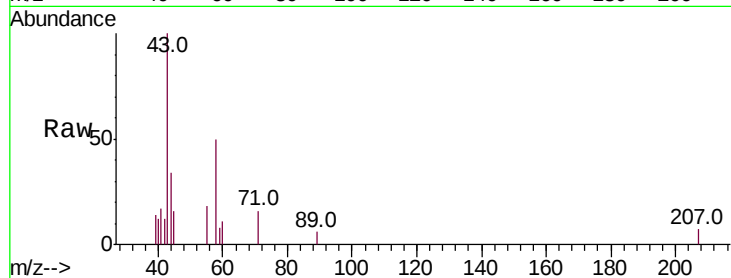
Ion Ratio Lower Upper

43 100

70 0.0 30.6 45.8#

55 7.5 18.6 27.8#

61 0.0 17.4 26.2#

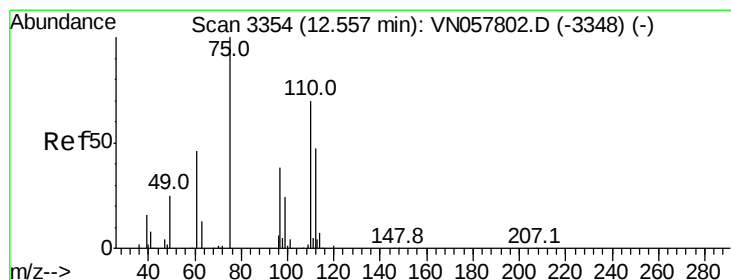
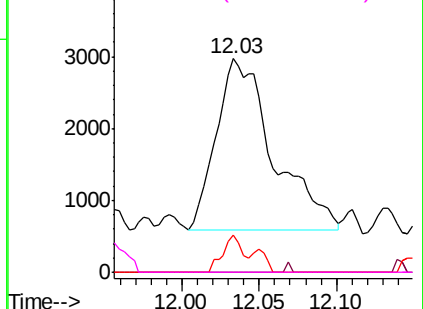


Abundance Ion 43.00 (42.70 to 43.70): VN0

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



#76

1,2,3-Trichloropropane

Concen: 29.311 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN058063.D

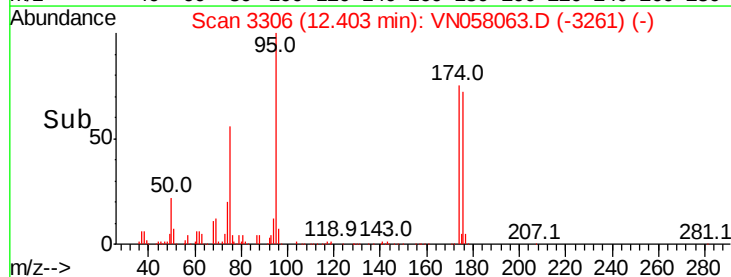
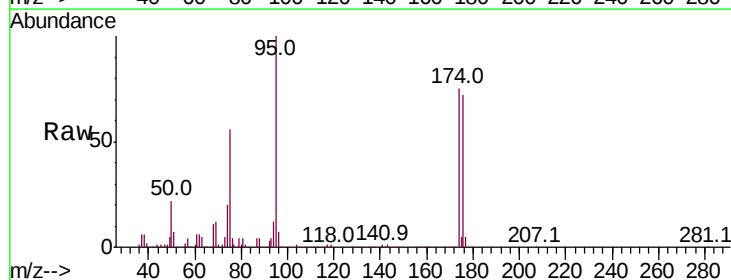
Acq: 14 Sep 2019 9:39

Tgt Ion: 75 Resp: 195045

Ion Ratio Lower Upper

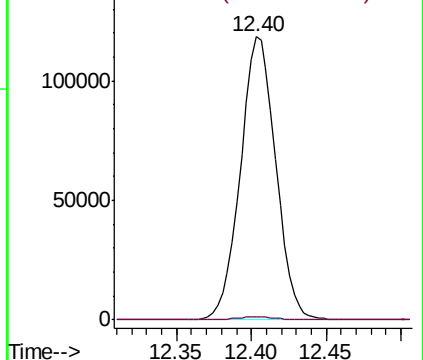
75 100

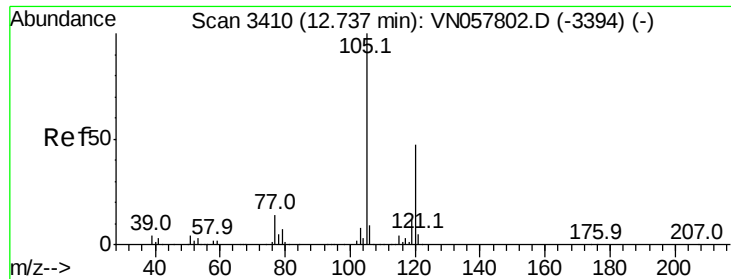
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

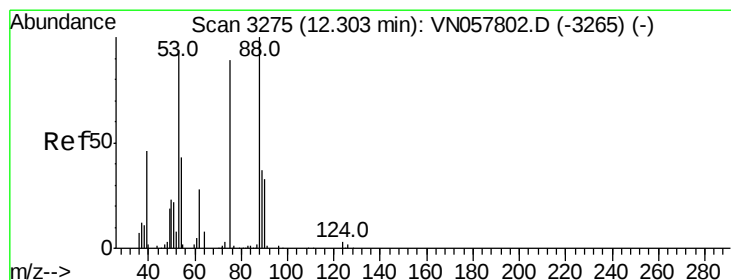
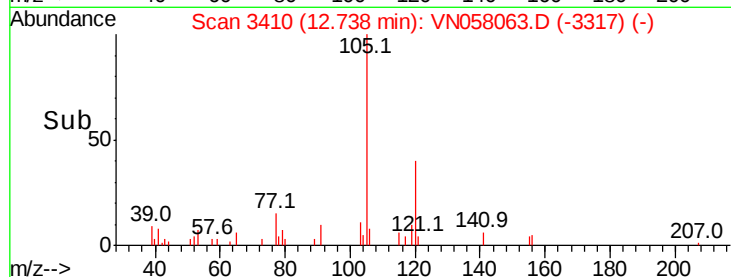
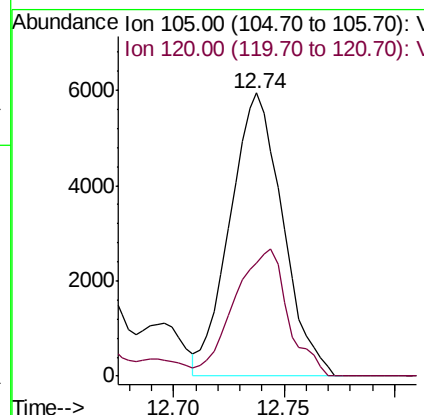
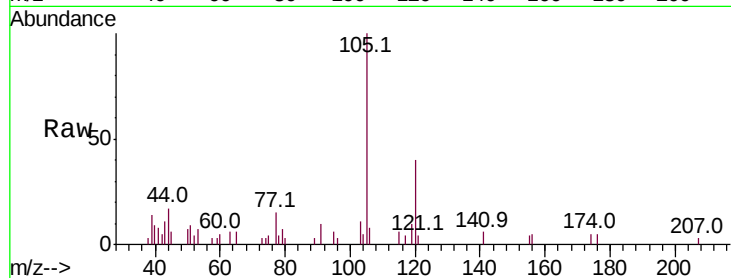




#80
 1,3,5-Trimethylbenzene
 Concen: 0.512 ug/l
 RT: 12.74 min Scan# 3410
 Delta R.T. 0.00 min
 Lab File: VN058063.D
 Acq: 14 Sep 2019 9:39

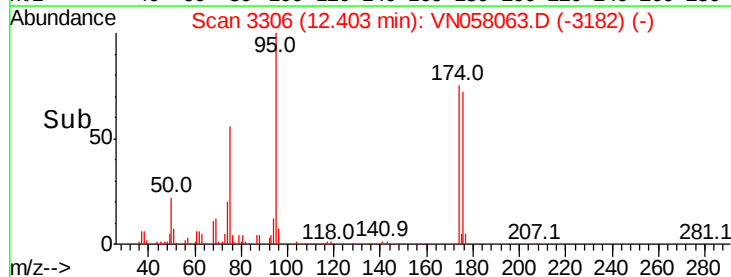
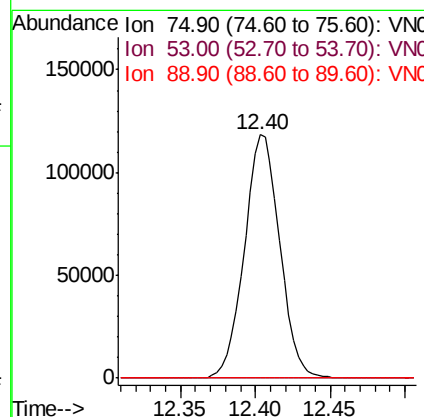
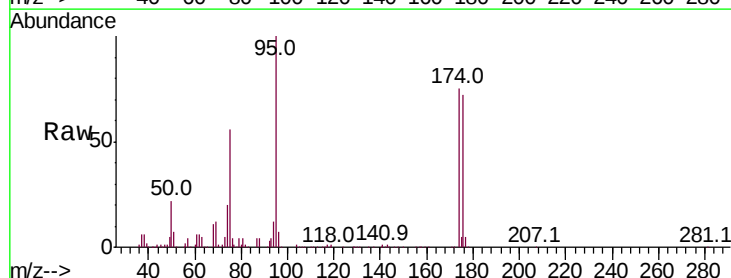
Instrument :
 MSVOA_N
 ClientSampleId :

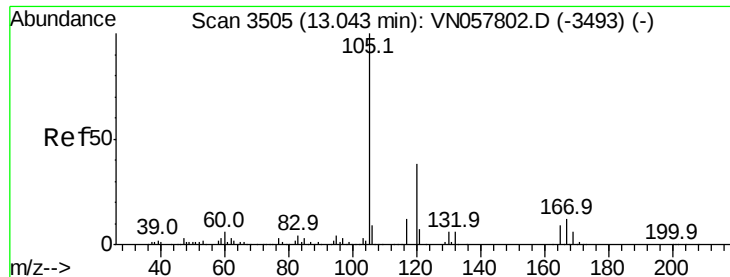
Tot Ion:105 Resp: 9870
 Ion Ratio Lower Upper
 105 100
 120 45.7 23.7 71.1



#81
 trans-1,4-Dichloro-2-butene
 Concen: 103.144 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN058063.D
 Acq: 14 Sep 2019 9:39

Tgt Ion: 75 Resp: 195045
 Ion Ratio Lower Upper
 75 100
 53 0.0 88.4 132.6#
 89 0.0 35.3 52.9#





#84

1,2,4-Trimethylbenzene

Concen: 1.265 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. 0.00 min

Lab File: VN058063.D

Acq: 14 Sep 2019 9:39

Instrument :

MSVOA_N

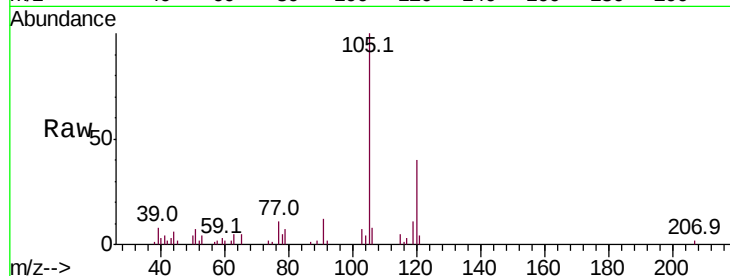
ClientSampleId :

Tot Ion:105 Resp: 24795

Ion Ratio Lower Upper

105 100

120 39.1 22.4 67.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

13.04

15000

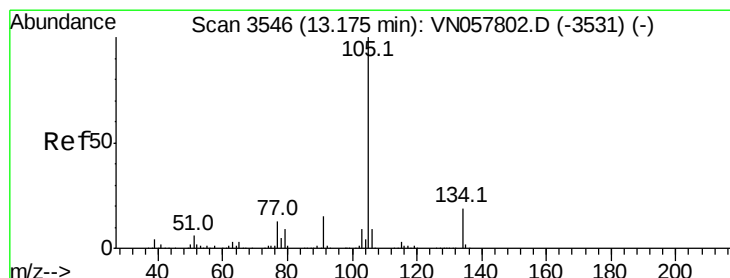
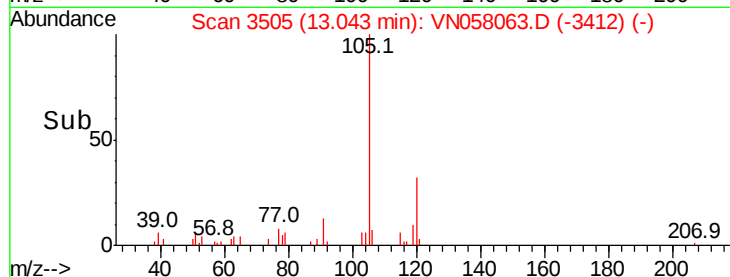
10000

5000

0

Time-->

13.00 13.05 13.10



#85

sec-Butylbenzene

Concen: 1.091 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. -0.13 min

Lab File: VN058063.D

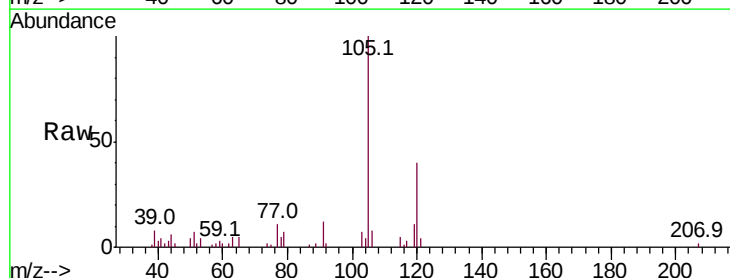
Acq: 14 Sep 2019 9:39

Tgt Ion:105 Resp: 24795

Ion Ratio Lower Upper

105 100

134 0.0 9.6 28.6#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.04

15000

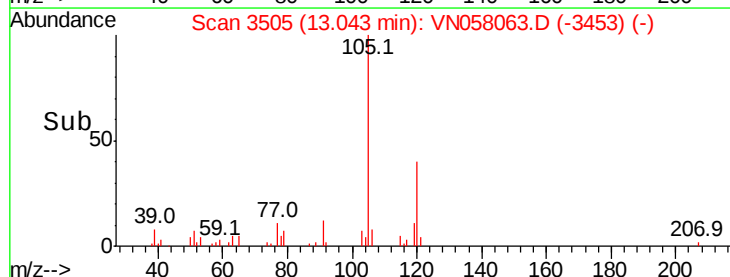
10000

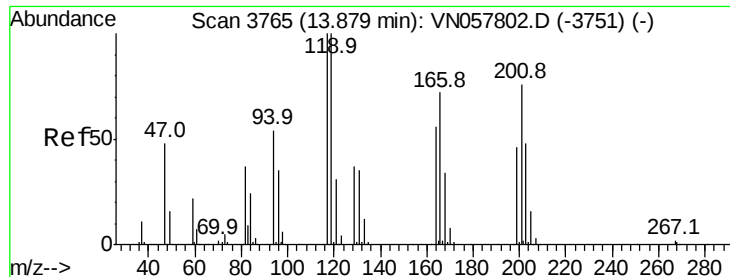
5000

0

Time-->

13.00 13.05 13.10





#90

Hexachloroethane

Concen: 6.659 ug/l

RT: 13.73 min Scan# 3718

Delta R.T. -0.15 min

Lab File: VN058063.D

Acq: 14 Sep 2019 9:39

Instrument :

MSVOA_N

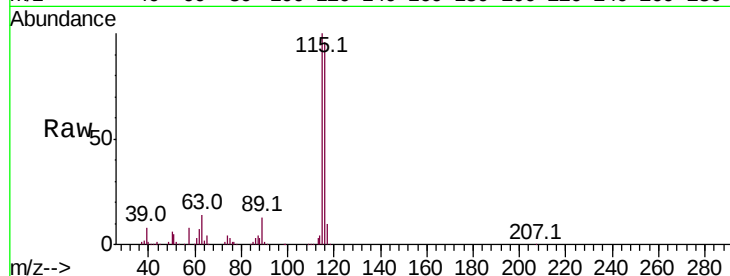
ClientSampleId :

Tot Ion:117 Resp: 19828

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

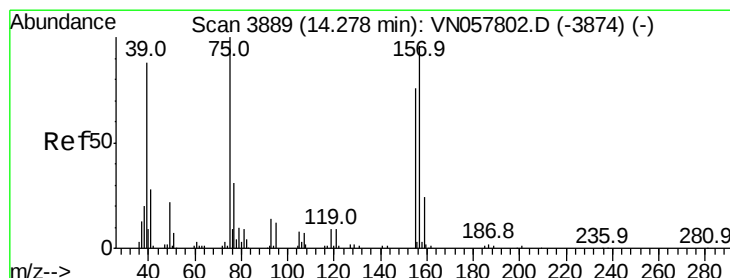
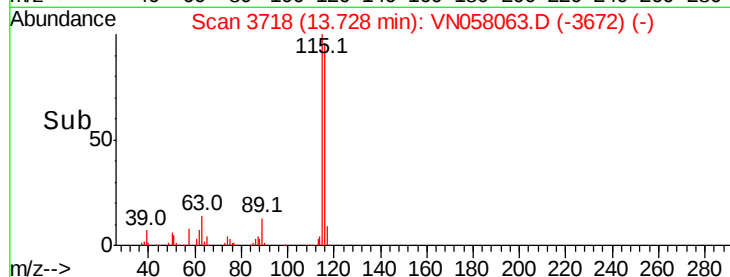
13.73

10000

5000

0

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.416 ug/l

RT: 14.12 min Scan# 3841

Delta R.T. -0.15 min

Lab File: VN058063.D

Acq: 14 Sep 2019 9:39

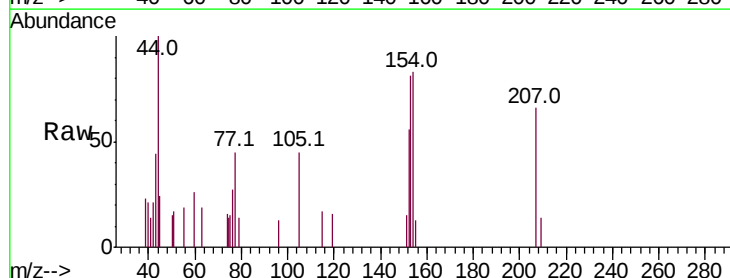
Tgt Ion: 75 Resp: 528

Ion Ratio Lower Upper

75 100

155 39.0 37.3 111.8

157 0.0 47.9 143.8#



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

600

500

400

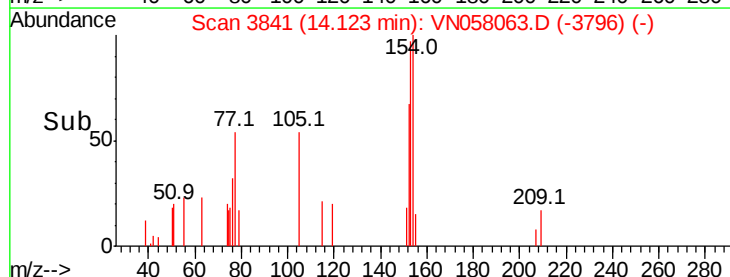
300

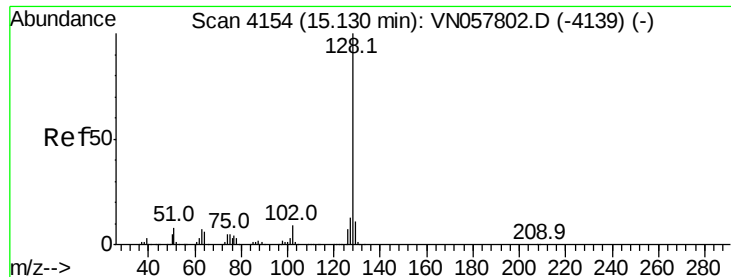
200

100

0

Time-->





#95

Naphthalene

Concen: 143.659 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN058063.D

Acq: 14 Sep 2019 9:39

Instrument :

MSVOA_N

ClientSampleId :

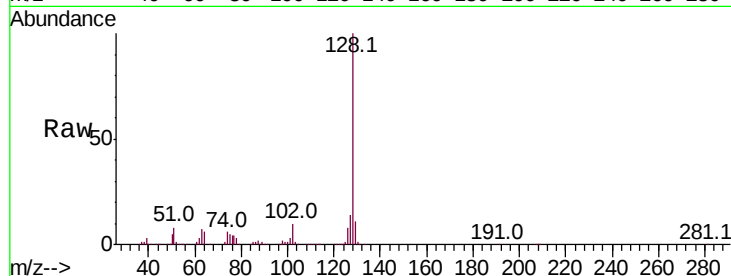
Tot Ion:128 Resp: 2423159

Ion Ratio Lower Upper

128 100

127 13.5 10.3 15.5

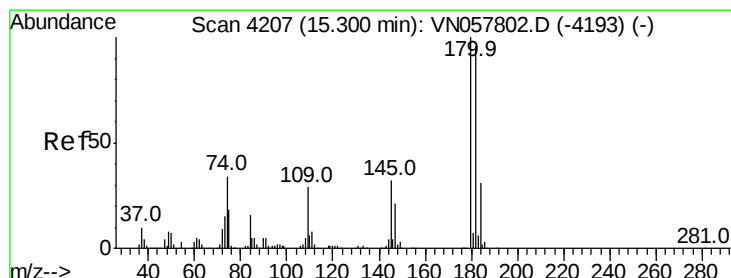
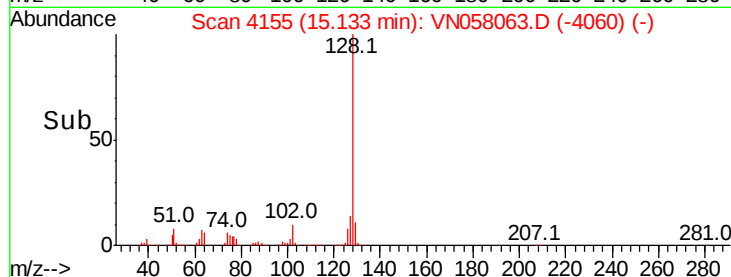
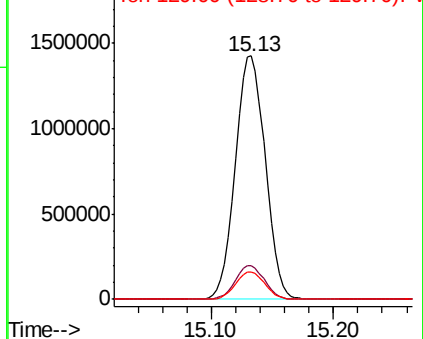
129 11.1 8.6 12.8



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



#96

1,2,3-Trichlorobenzene

Concen: 1.029 ug/l

RT: 15.30 min Scan# 4207

Delta R.T. 0.00 min

Lab File: VN058063.D

Acq: 14 Sep 2019 9:39

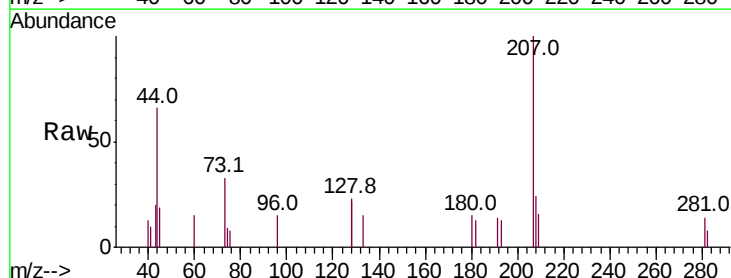
Tgt Ion:180 Resp: 185

Ion Ratio Lower Upper

180 100

182 88.6 48.3 144.8

145 0.0 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

