

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091419\
 Data File : VN058028.D
 Acq On : 13 Sep 2019 19:45
 Operator : JC/SP
 Sample : VN0914WBSD03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB123049TB

Quant Time: Sep 14 03:38:27 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	310105	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	518870	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	478071	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	245719	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	316539	50.40	ug/l	0.00
Spiked Amount			Recovery	=	100.80%	
35) Dibromofluoromethane	7.57	113	224656	46.91	ug/l	0.00
Spiked Amount			Recovery	=	93.82%	
50) Toluene-d8	10.09	98	845290	45.46	ug/l	0.00
Spiked Amount			Recovery	=	90.92%	
62) 4-Bromofluorobenzene	12.40	95	295847	41.75	ug/l	0.00
Spiked Amount			Recovery	=	83.50%	

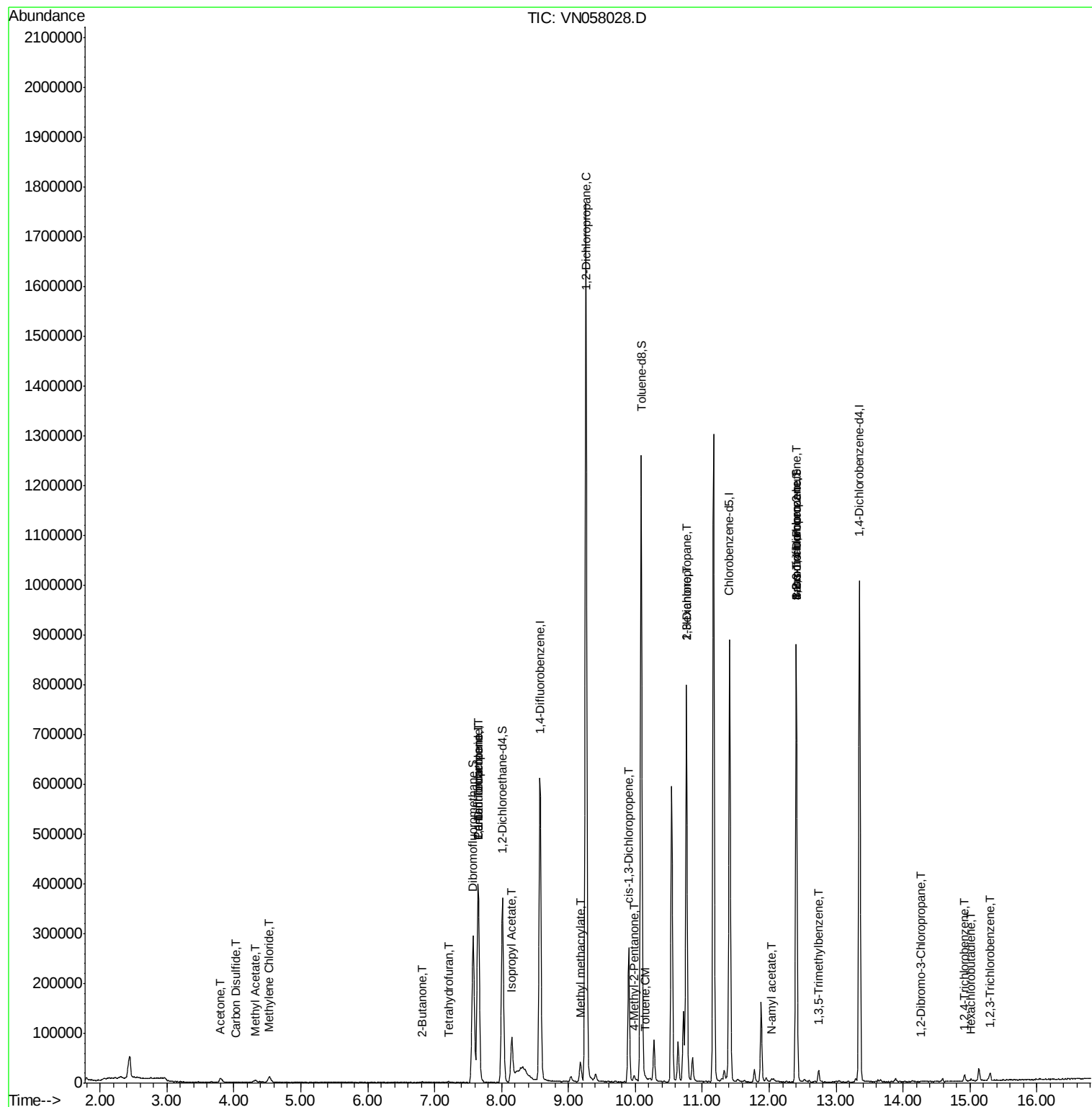
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.54	94	321	Below Cal	#	39
16) Acetone	3.81	43	15544	7.549	ug/l	95
17) Carbon Disulfide	4.02	76	272	0.211	ug/l #	75
18) Methyl Acetate	4.32	43	7706	1.404	ug/l #	64
20) Methylene Chloride	4.53	84	7965	0.821	ug/l	91
25) 2-Butanone	6.82	43	2863	0.961	ug/l #	74
29) Tetrahydrofuran	7.21	42	2217	1.207	ug/l #	43
31) Cyclohexane	7.65	56	7894	Below Cal	#	19
36) 1,1-Dichloropropene	7.65	75	26548	4.412	ug/l #	50
38) Carbon Tetrachloride	7.65	117	32024	5.829	ug/l #	16
43) Isopropyl Acetate	8.15	43	113513	10.857	ug/l #	88
45) 1,2-Dichloropropane	9.27	63	2468	0.468	ug/l #	44
48) Methyl methacrylate	9.17	41	6484	1.223	ug/l #	13
51) 4-Methyl-2-Pentanone	9.98	43	6809	1.101	ug/l #	83
52) Toluene	10.15	92	2374	0.208	ug/l	79
54) cis-1,3-Dichloropropene	9.90	75	45118	6.100	ug/l #	68
57) 1,3-Dichloropropane	10.76	76	7674	0.921	ug/l #	43
59) 2-Hexanone	10.76	43	123526	26.636	ug/l #	55
71) Bromoform	12.40	173	765	0.283	ug/l #	1
74) N-amyl acetate	12.03	43	4216	0.508	ug/l #	52
76) 1,2,3-Trichloropropane	12.40	75	163661	29.443	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.74	105	11813	0.733	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	163661	103.610	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	14.27	75	291	0.274	ug/l #	6
93) 1,2,4-Trichlorobenzene	14.92	180	3852	0.676	ug/l	93
94) Hexachlorobutadiene	15.01	225	706	0.292	ug/l	81
95) Naphthalene	15.13	128	19073	Below Cal		98
96) 1,2,3-Trichlorobenzene	15.30	180	4411	1.867	ug/l	94

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

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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: VN058028.D

Acq: 13 Sep 2019 19:45

Instrument :

MSVOA_N

ClientSampleId :

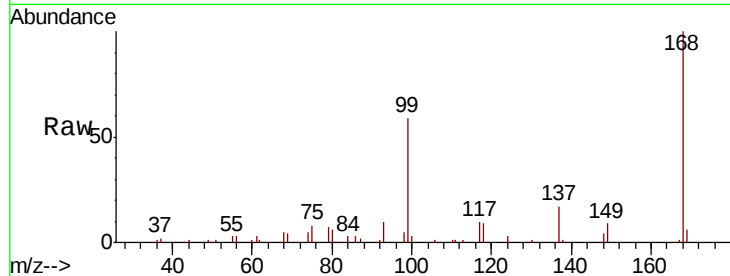
PB123049TB

Tgt Ion:168 Resp: 310105

Ion Ratio Lower Upper

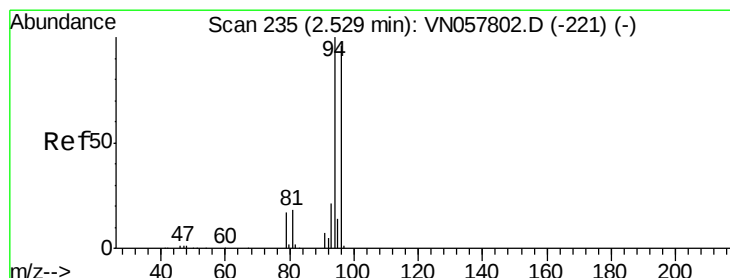
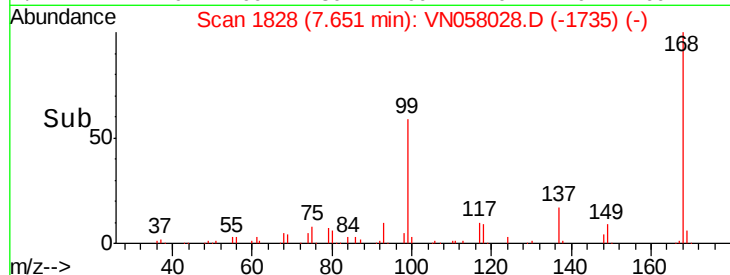
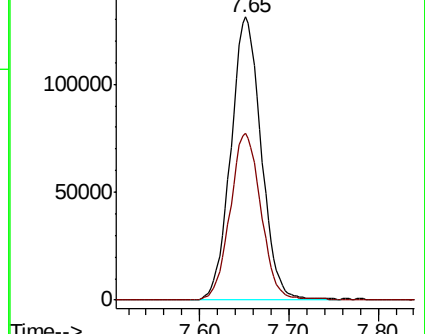
168 100

99 58.8 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#5

Bromomethane

Concen: Below Cal

RT: 2.54 min Scan# 238

Delta R.T. 0.01 min

Lab File: VN058028.D

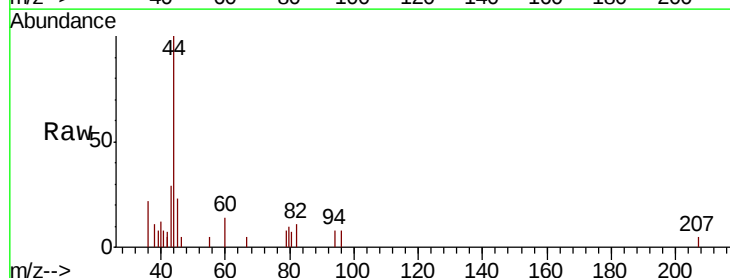
Acq: 13 Sep 2019 19:45

Tgt Ion: 94 Resp: 321

Ion Ratio Lower Upper

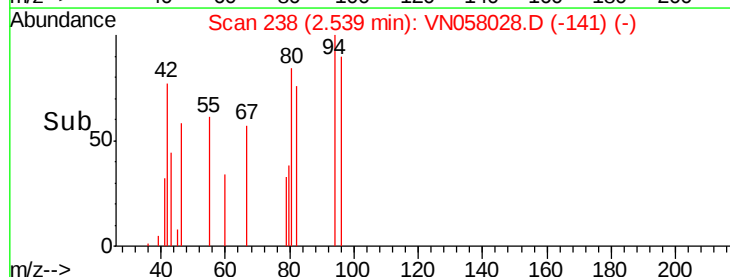
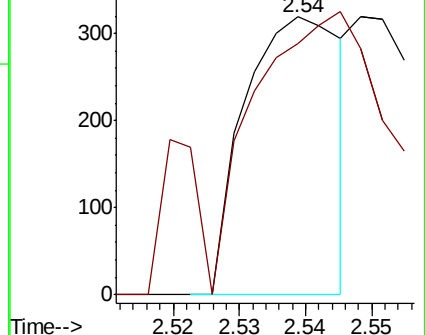
94 100

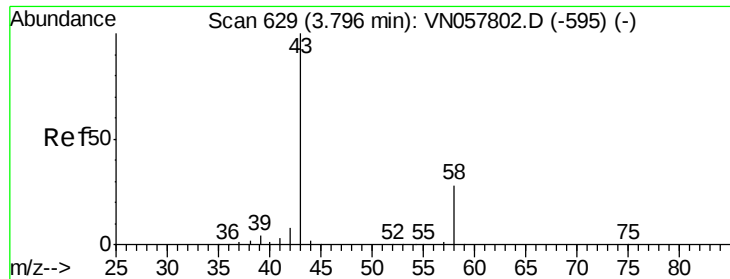
96 37.0 77.0 115.4#



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0





#16

Acetone

Concen: 7.549 ug/l

RT: 3.81 min Scan# 632

Delta R.T. 0.01 min

Lab File: VN058028.D

Acq: 13 Sep 2019 19:45

Instrument :

MSVOA_N

ClientSampled :

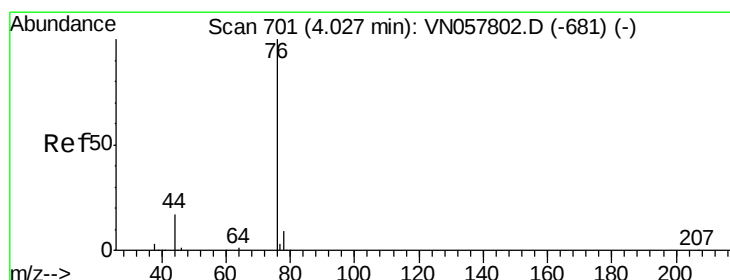
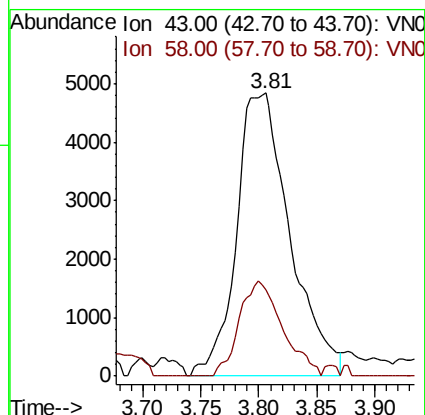
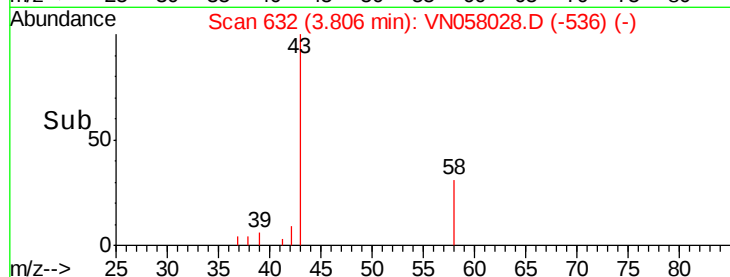
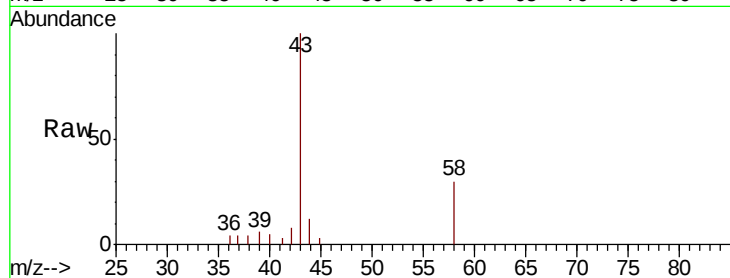
PB123049TB

Tgt Ion: 43 Resp: 15544

Ion Ratio Lower Upper

43 100

58 30.4 22.2 33.2



#17

Carbon Disulfide

Concen: 0.211 ug/l

RT: 4.02 min Scan# 699

Delta R.T. -0.01 min

Lab File: VN058028.D

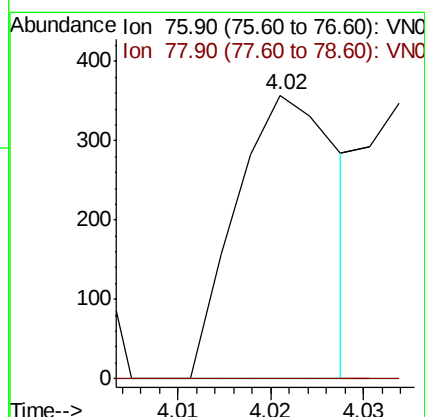
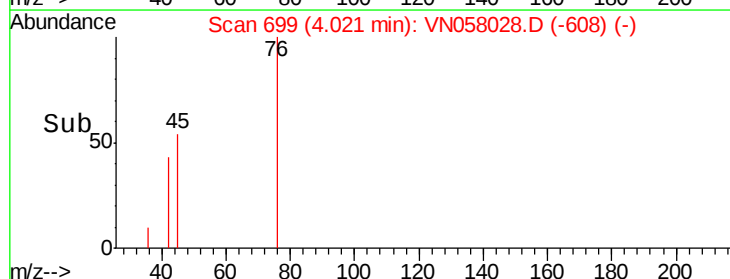
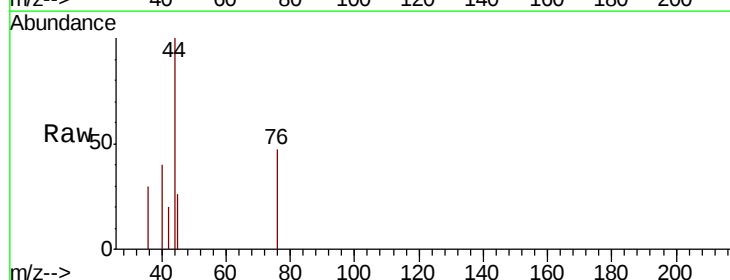
Acq: 13 Sep 2019 19:45

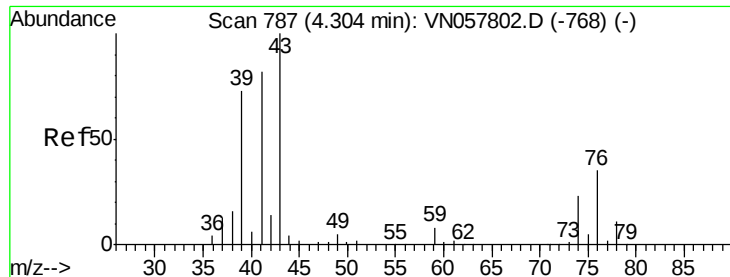
Tgt Ion: 76 Resp: 272

Ion Ratio Lower Upper

76 100

78 0.0 7.1 10.7#

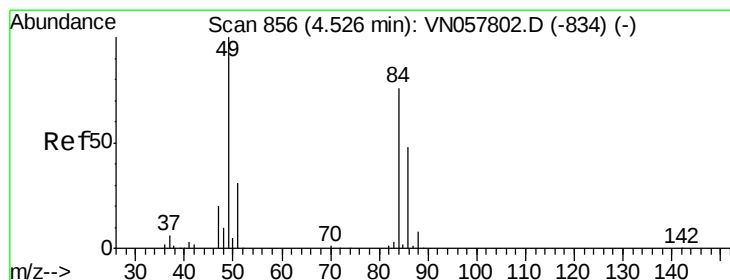
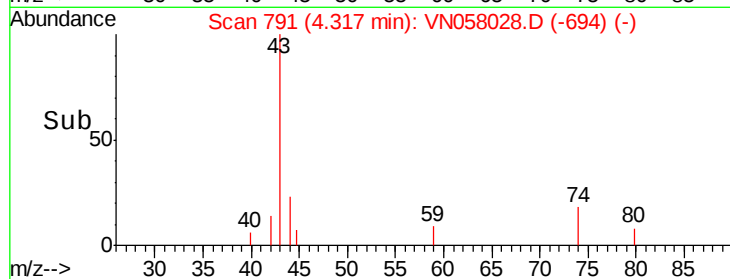
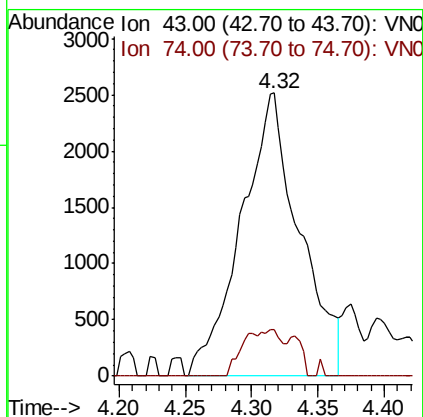
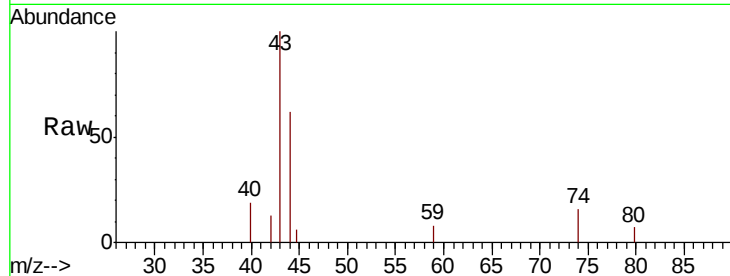




#18
Methyl Acetate
Concen: 1.404 ug/l
RT: 4.32 min Scan# 791
Delta R.T. 0.01 min
Lab File: VN058028.D
Acq: 13 Sep 2019 19:45

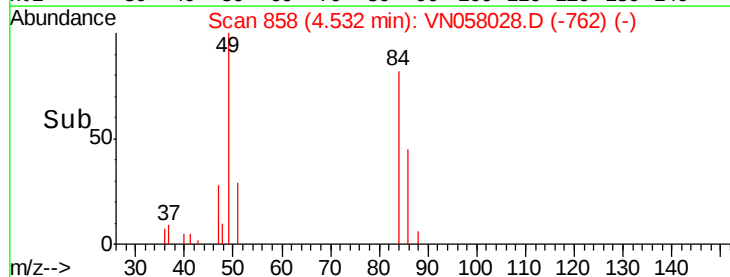
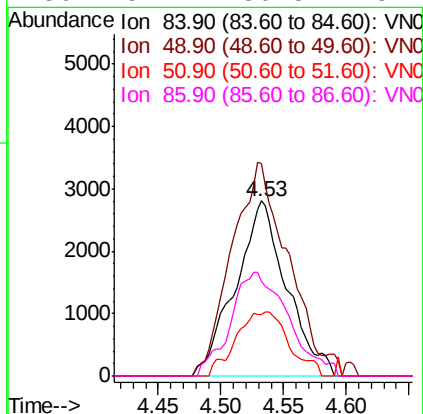
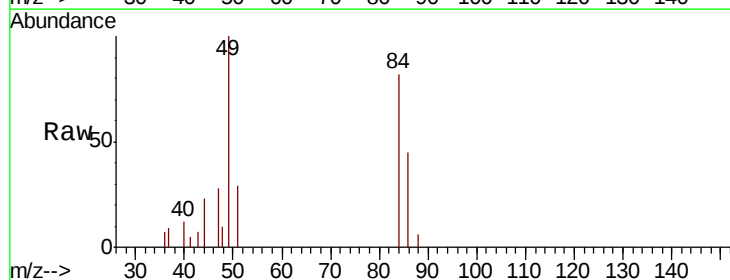
Instrument :
MSVOA_N
ClientSampleId :
PB123049TB

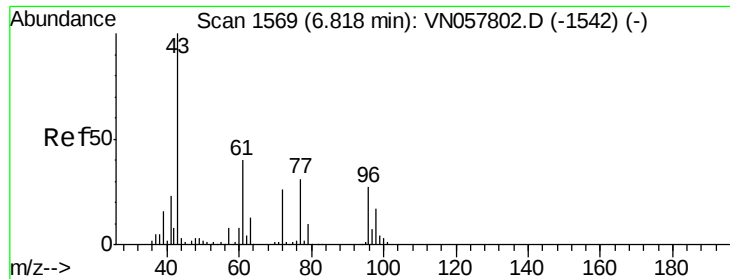
Tgt Ion: 43 Resp: 7706
Ion Ratio Lower Upper
43 100
74 4.9 17.9 26.9#



#20
Methylene Chloride
Concen: 0.821 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.01 min
Lab File: VN058028.D
Acq: 13 Sep 2019 19:45

Tgt Ion: 84 Resp: 7965
Ion Ratio Lower Upper
84 100
49 121.8 104.8 157.2
51 35.0 33.0 49.4
86 54.4 50.5 75.7

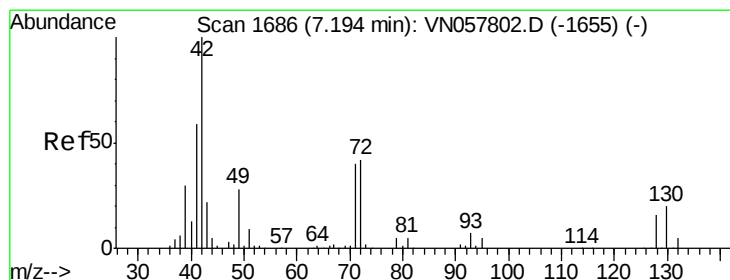
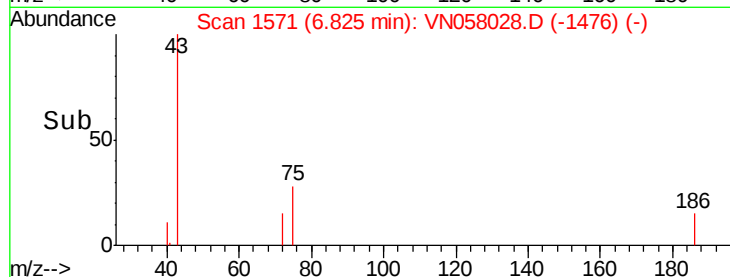
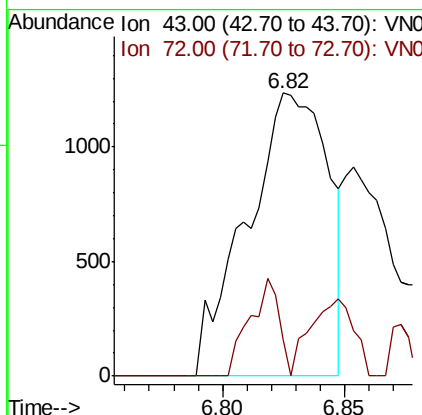
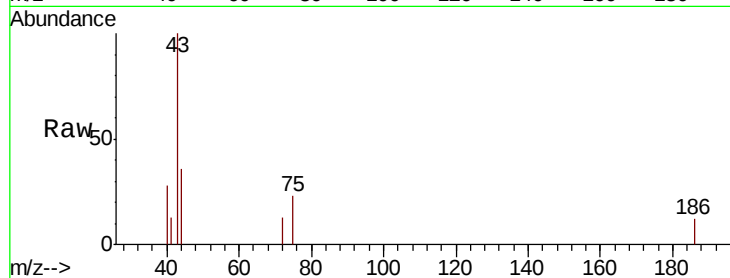




#25
 2-Butanone
 Concen: 0.961 ug/l
 RT: 6.82 min Scan# 1571
 Delta R.T. 0.01 min
 Lab File: VN058028.D
 Acq: 13 Sep 2019 19:45

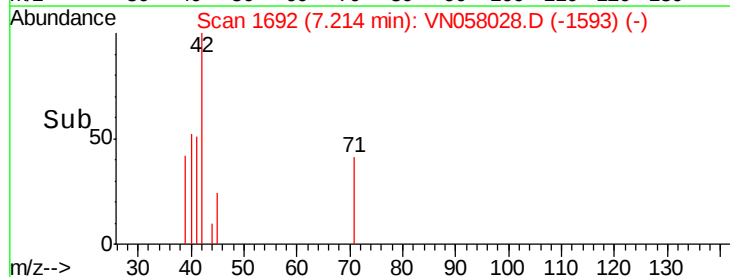
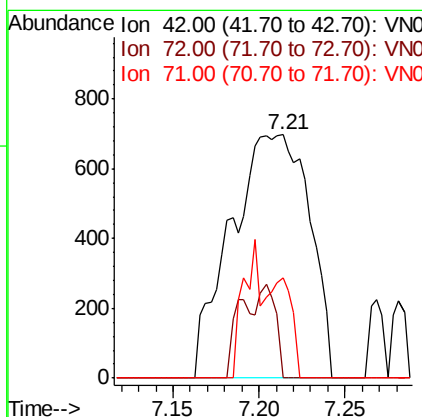
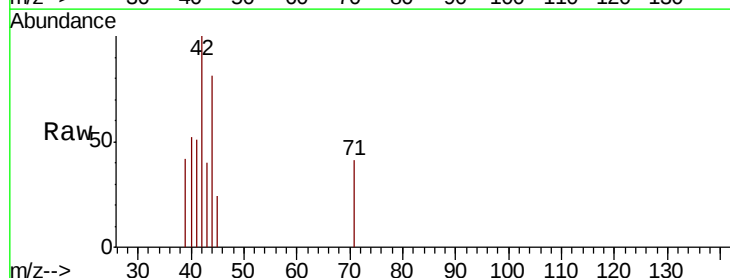
Instrument :
 MSVOA_N
 ClientSampled :
 PB123049TB

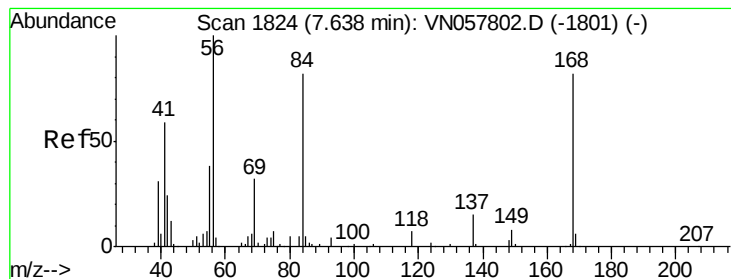
Tgt Ion: 43 Resp: 2863
 Ion Ratio Lower Upper
 43 100
 72 12.6 20.6 30.8#



#29
 Tetrahydrofuran
 Concen: 1.207 ug/l
 RT: 7.21 min Scan# 1692
 Delta R.T. 0.02 min
 Lab File: VN058028.D
 Acq: 13 Sep 2019 19:45

Tgt Ion: 42 Resp: 2217
 Ion Ratio Lower Upper
 42 100
 72 0.0 33.7 50.5#
 71 10.9 31.9 47.9#





#31

Cyclohexane

Concen: Below Cal

RT: 7.65 min Scan# 1827

Delta R.T. 0.01 min

Lab File: VN058028.D

Acq: 13 Sep 2019 19:45

Instrument :

MSVOA_N

ClientSampleId :

PB123049TB

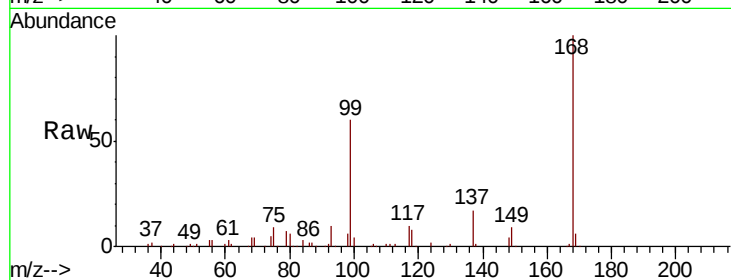
Tgt Ion: 56 Resp: 7894

Ion Ratio Lower Upper

56 100

69 151.4 25.9 38.9#

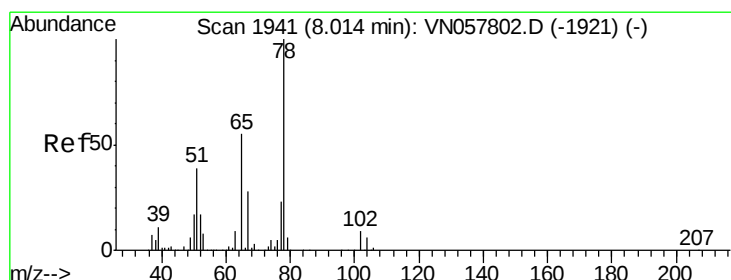
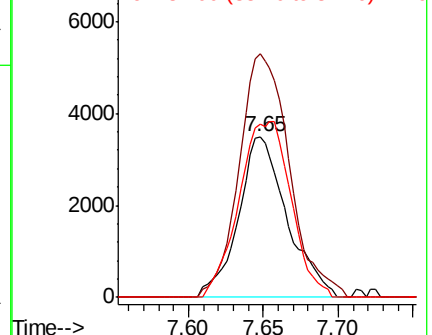
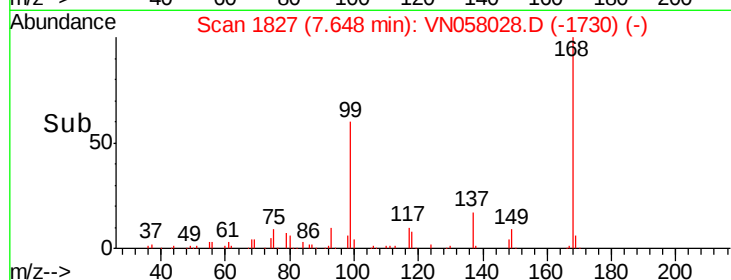
84 107.9 65.6 98.4#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 50.397 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN058028.D

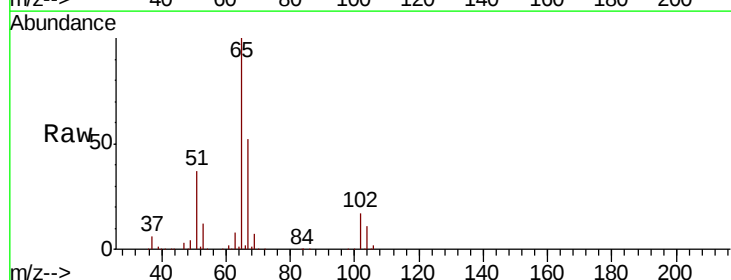
Acq: 13 Sep 2019 19:45

Tgt Ion: 65 Resp: 316539

Ion Ratio Lower Upper

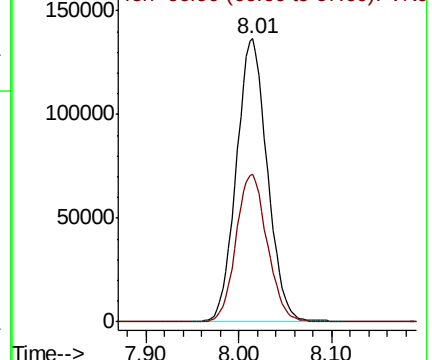
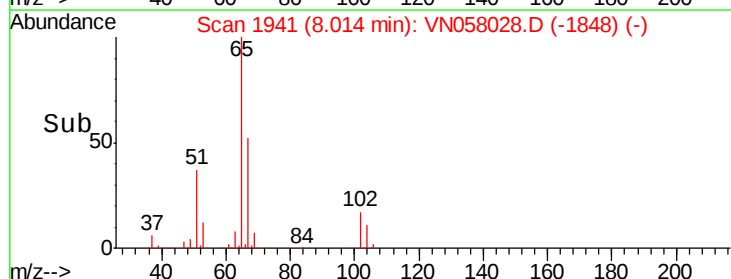
65 100

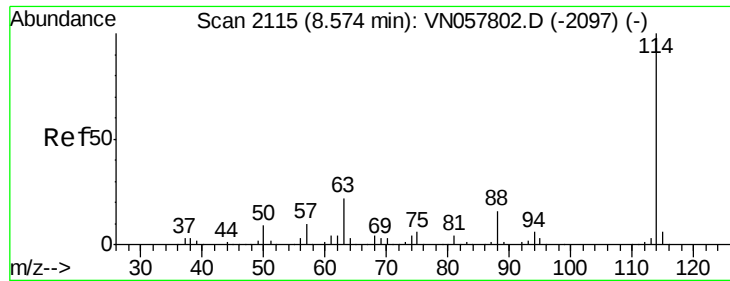
67 52.5 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

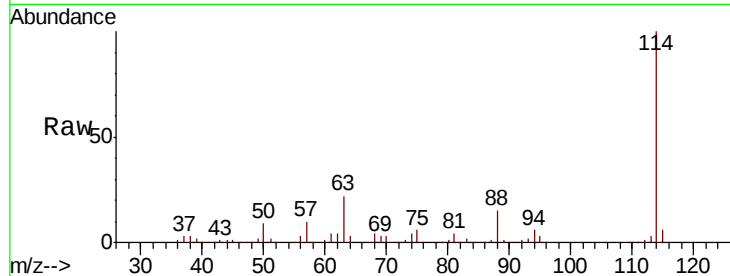




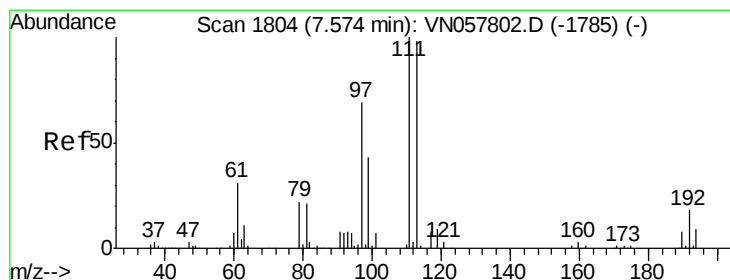
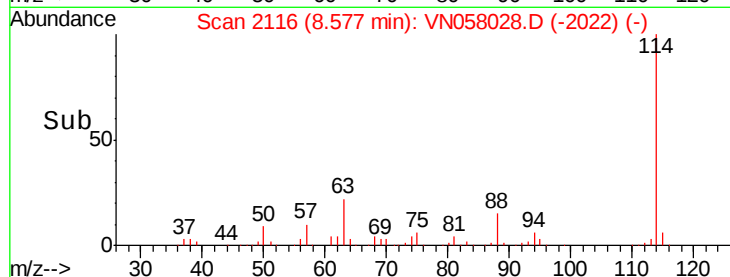
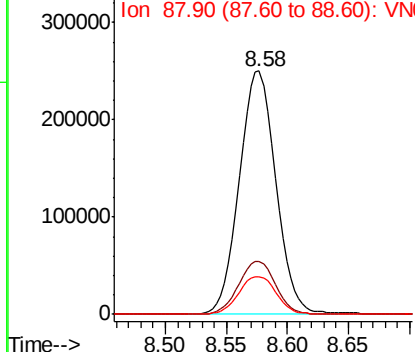
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN058028.D
 Acq: 13 Sep 2019 19:45

Instrument :
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 ClientSampleId :
 PB123049TB

Tgt Ion:114 Resp: 518870
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 44.0
 88 15.4 0.0 31.4

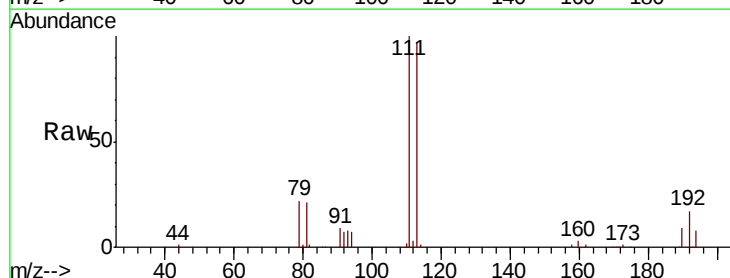


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

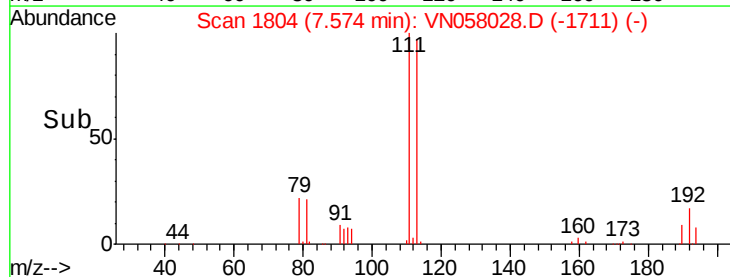
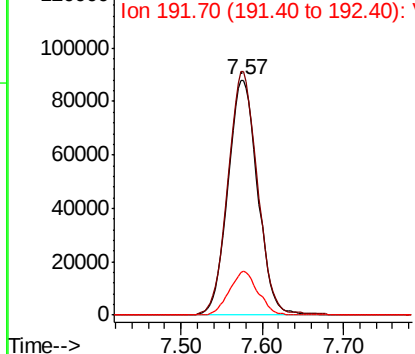


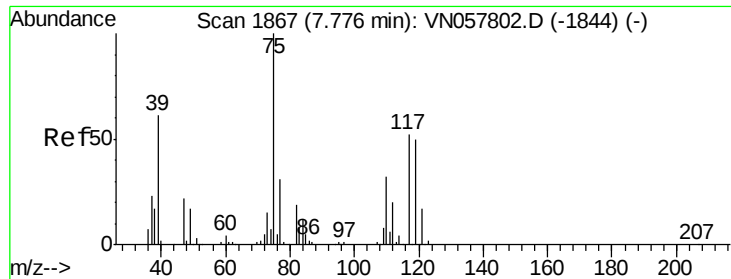
#35
 Dibromofluoromethane
 Concen: 46.911 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058028.D
 Acq: 13 Sep 2019 19:45

Tgt Ion:113 Resp: 224656
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.3 121.9
 192 18.0 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: VN058028.D

Acq: 13 Sep 2019 19:45

Instrument :

MSVOA_N

ClientSampleId :

PB123049TB

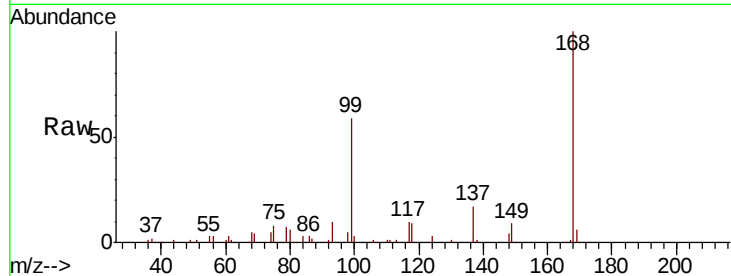
Tgt Ion: 75 Resp: 26548

Ion Ratio Lower Upper

75 100

110 7.7 16.3 48.9#

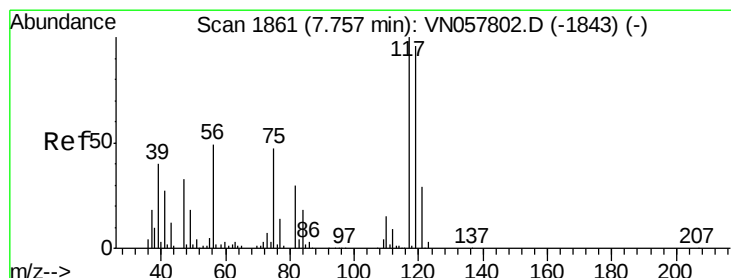
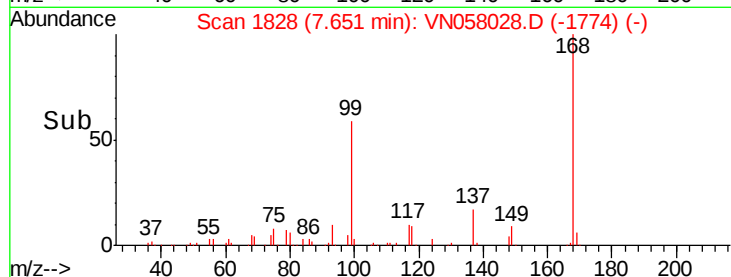
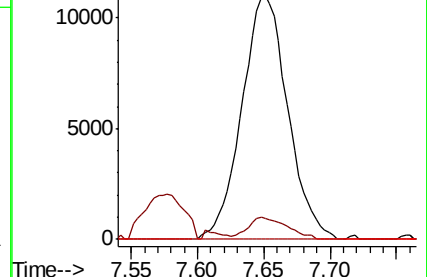
77 0.0 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): VN058028.D (-1774) (-)

Ion 109.90 (109.60 to 110.60): VN058028.D (-1774) (-)

Ion 76.90 (76.60 to 77.60): VN058028.D (-1774) (-)



#38

Carbon Tetrachloride

Concen: 5.829 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.11 min

Lab File: VN058028.D

Acq: 13 Sep 2019 19:45

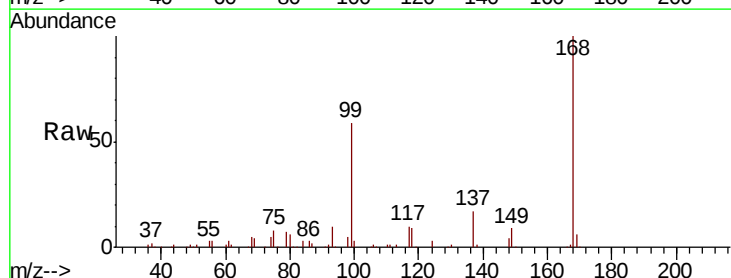
Tgt Ion: 117 Resp: 32024

Ion Ratio Lower Upper

117 100

119 4.9 76.9 115.3#

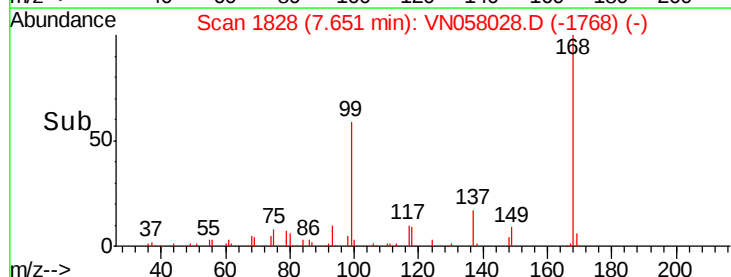
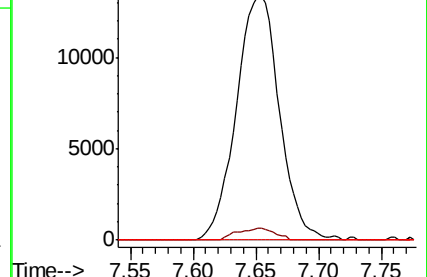
121 0.0 23.4 35.2#

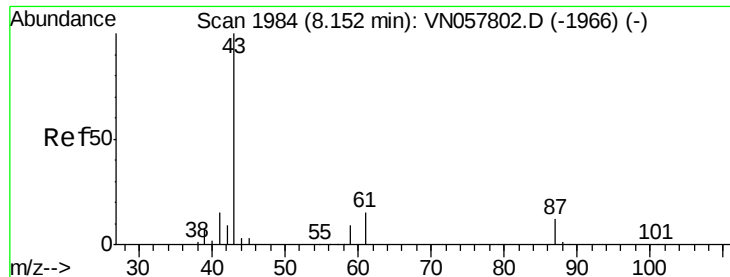


Abundance Ion 116.80 (116.50 to 117.50): VN058028.D (-1768) (-)

Ion 118.80 (118.50 to 119.50): VN058028.D (-1768) (-)

Ion 120.80 (120.50 to 121.50): VN058028.D (-1768) (-)





#43

Isopropyl Acetate

Concen: 10.857 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN058028.D

Acq: 13 Sep 2019 19:45

Instrument :

MSVOA_N

ClientSampleId :

PB123049TB

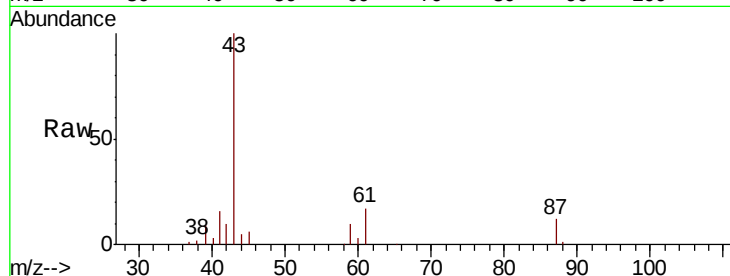
Tgt Ion: 43 Resp: 113513

Ion Ratio Lower Upper

43 100

61 17.1 20.1 30.1#

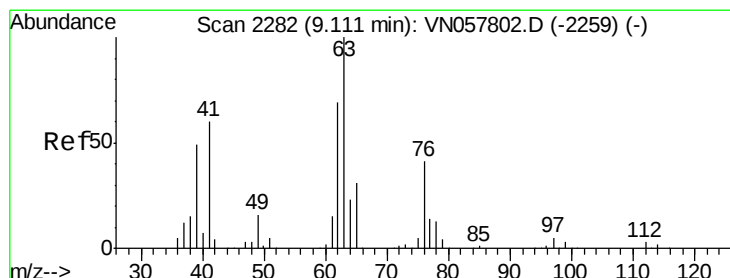
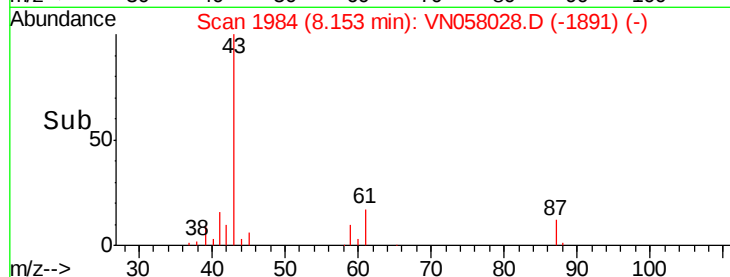
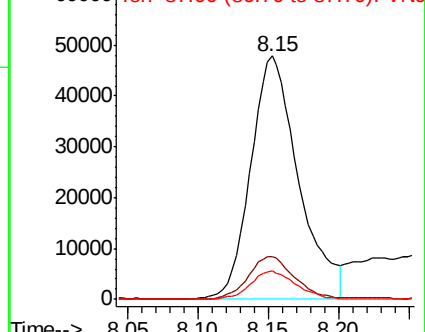
87 11.0 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VN057802.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN057802.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN057802.D (-1966) (-)



#45

1,2-Dichloropropane

Concen: 0.468 ug/l

RT: 9.27 min Scan# 2330

Delta R.T. 0.15 min

Lab File: VN058028.D

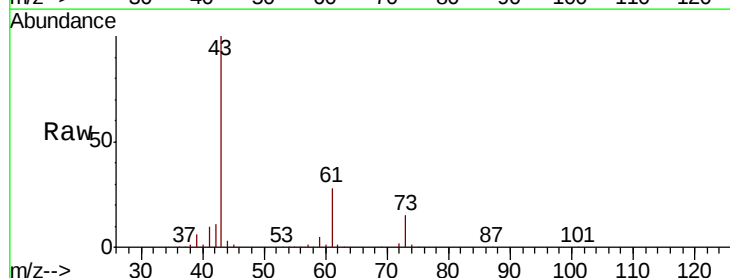
Acq: 13 Sep 2019 19:45

Tgt Ion: 63 Resp: 2468

Ion Ratio Lower Upper

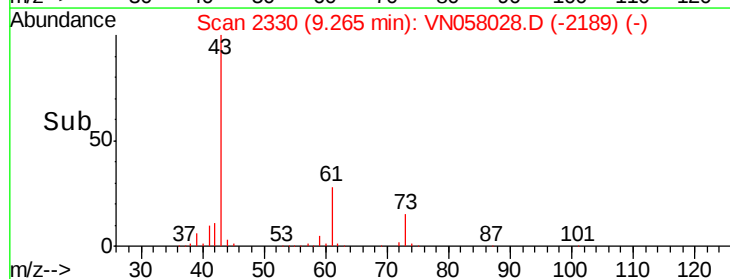
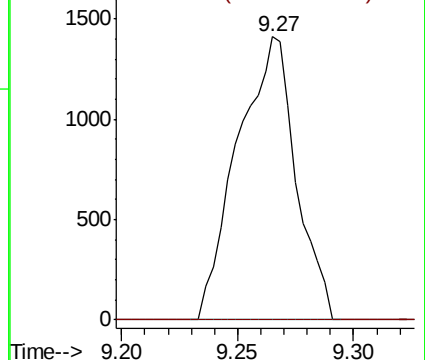
63 100

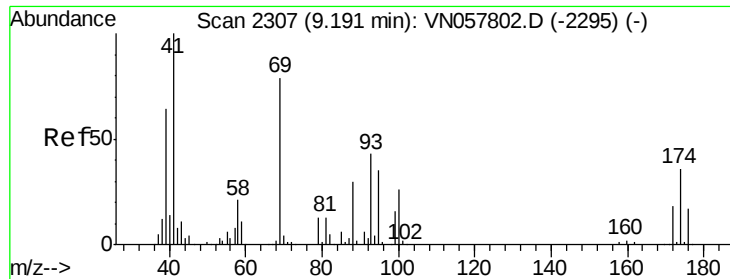
65 0.0 24.8 37.2#



Abundance Ion 62.90 (62.60 to 63.60): VN057802.D (-2259) (-)

Ion 64.90 (64.60 to 65.60): VN057802.D (-2259) (-)

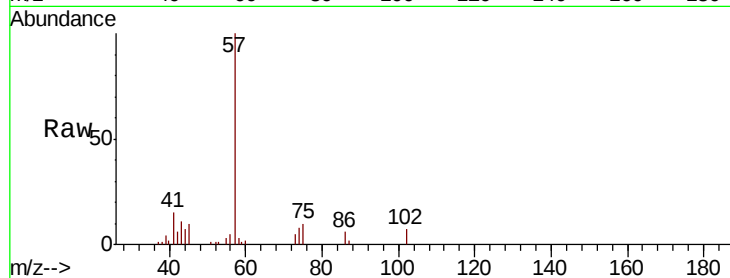




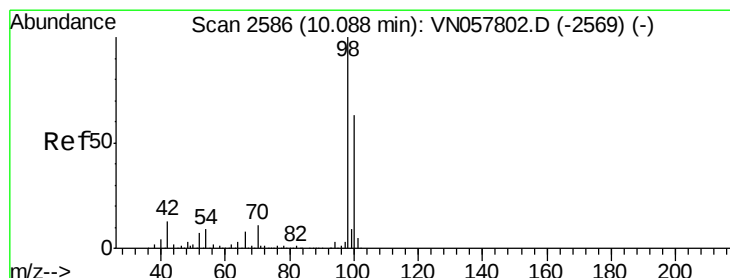
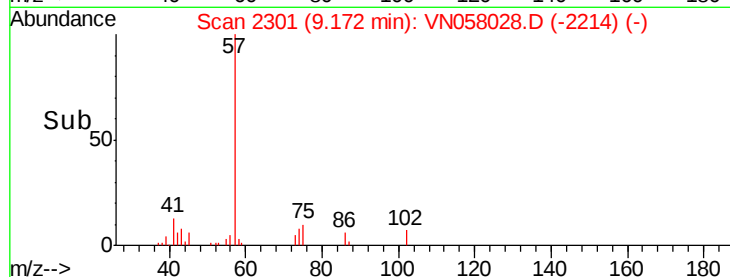
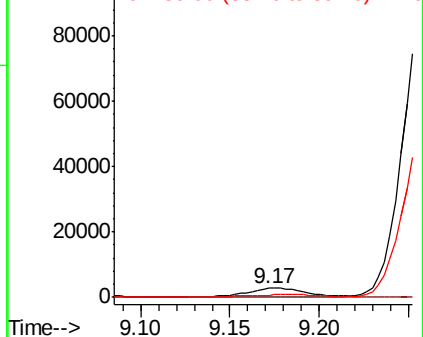
#48
Methyl methacrylate
Concen: 1.223 ug/l
RT: 9.17 min Scan# 2301
Delta R.T. -0.02 min
Lab File: VN058028.D
Acq: 13 Sep 2019 19:45

Instrument :
MSVOA_N
ClientSampleId :
PB123049TB

Tgt Ion: 41 Resp: 6484
Ion Ratio Lower Upper
41 100
69 0.0 62.7 94.1#
39 0.0 52.7 79.1#

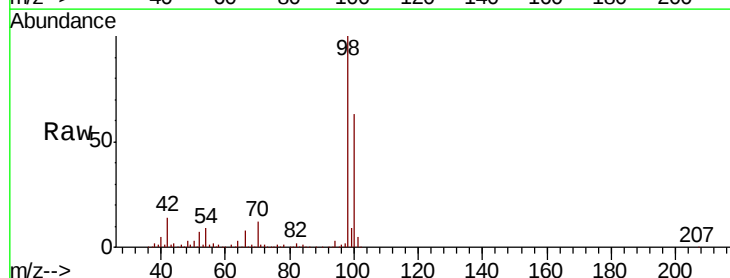


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

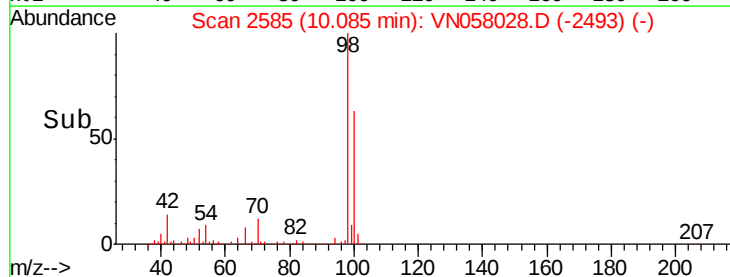
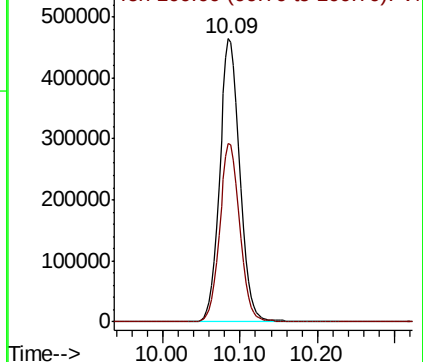


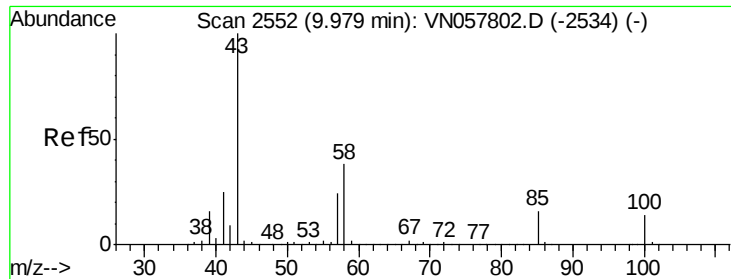
#50
Toluene-d8
Concen: 45.462 ug/l
RT: 10.09 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN058028.D
Acq: 13 Sep 2019 19:45

Tgt Ion: 98 Resp: 845290
Ion Ratio Lower Upper
98 100
100 63.0 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: 1.101 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN058028.D

Acq: 13 Sep 2019 19:45

Instrument :

MSVOA_N

ClientSampled :

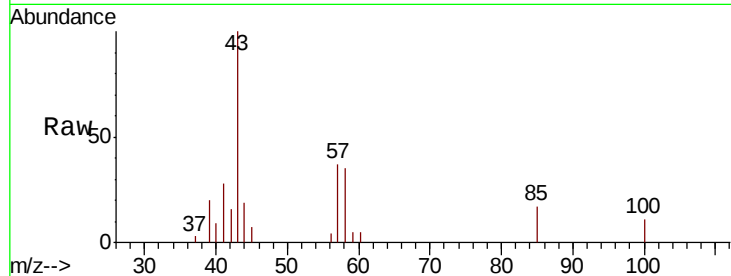
PB123049TB

Tgt Ion: 43 Resp: 6809

Ion Ratio Lower Upper

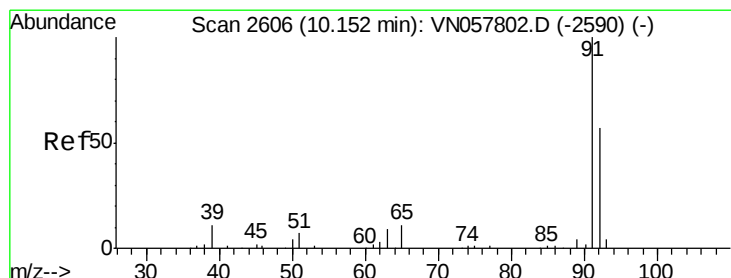
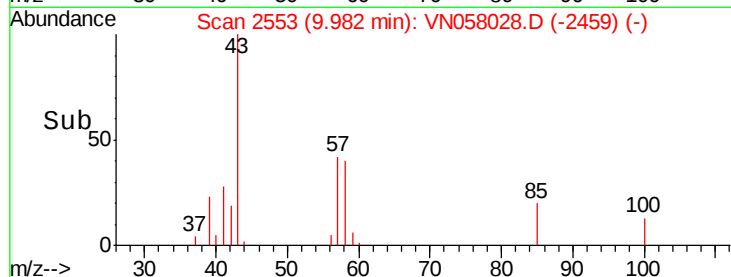
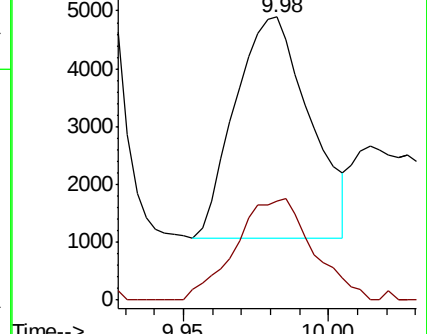
43 100

58 47.5 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) (-)



#52

Toluene

Concen: 0.208 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN058028.D

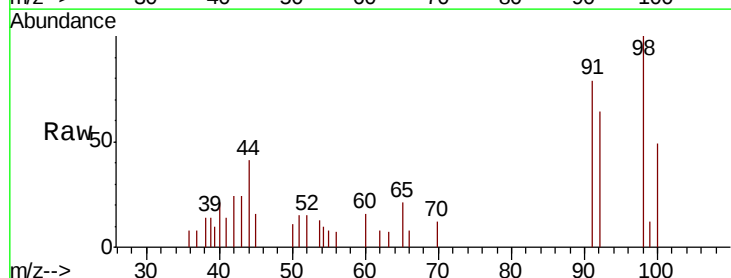
Acq: 13 Sep 2019 19:45

Tgt Ion: 92 Resp: 2374

Ion Ratio Lower Upper

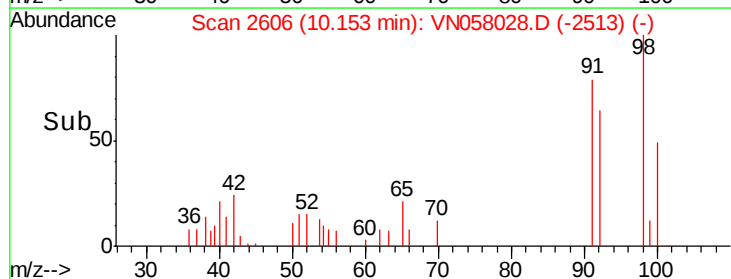
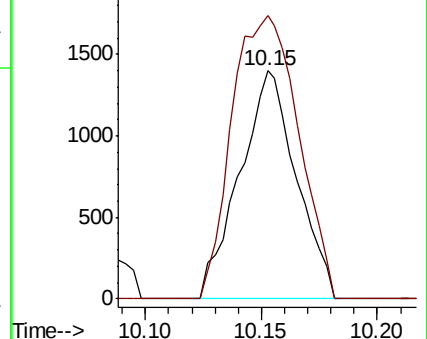
92 100

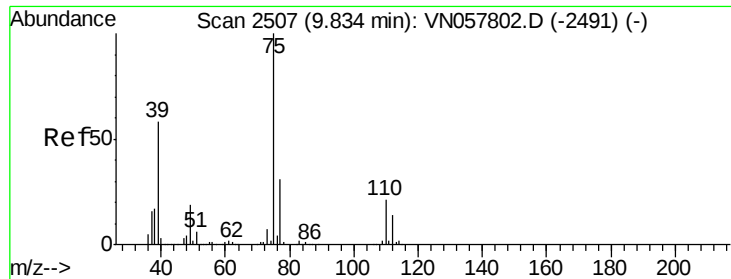
91 146.3 141.0 211.6



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

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



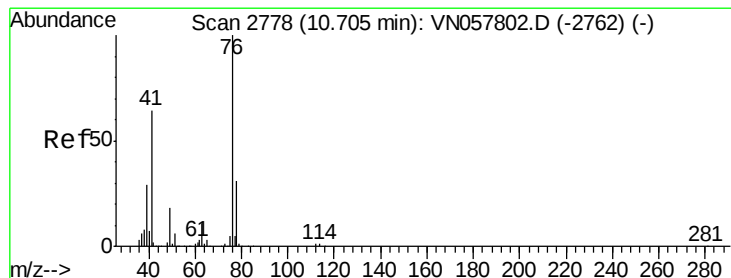
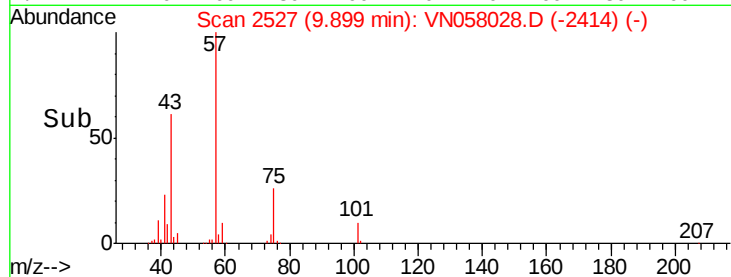
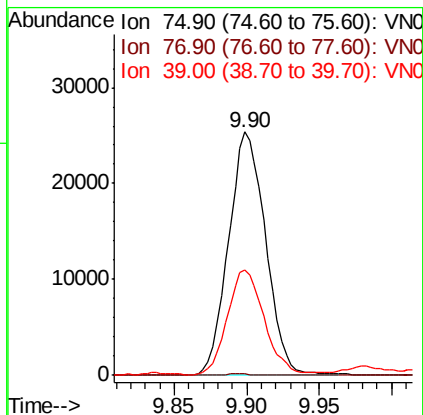
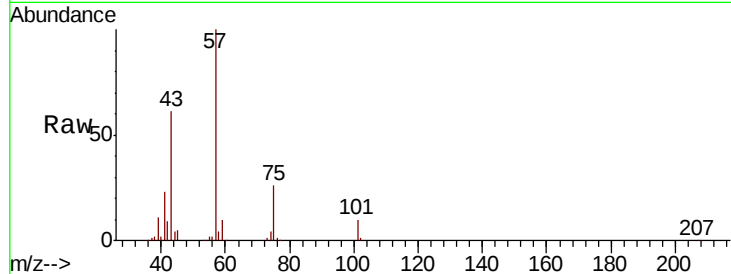


#54

cis-1,3-Dichloropropene
 Concen: 6.100 ug/l
 RT: 9.90 min Scan# 2527
 Delta R.T. 0.06 min
 Lab File: VN058028.D
 Acq: 13 Sep 2019 19:45

Instrument :
 MSVOA_N
 ClientSampleId :
 PB123049TB

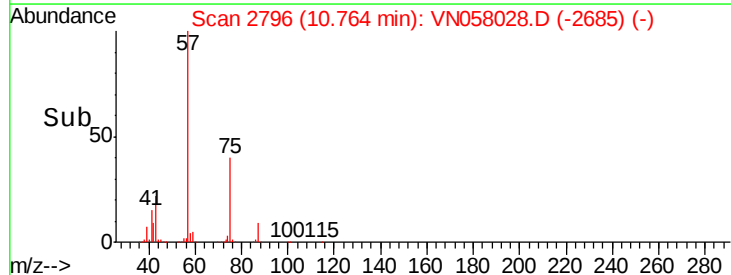
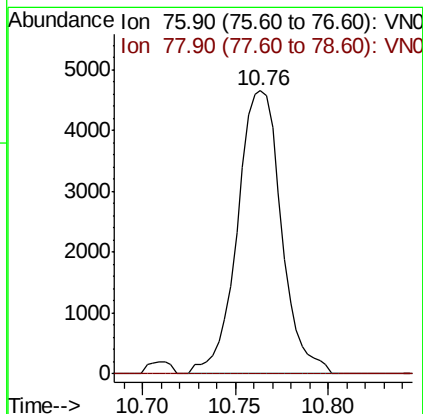
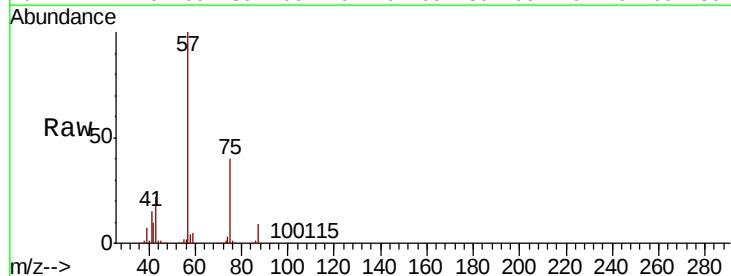
Tgt Ion: 75 Resp: 45118
 Ion Ratio Lower Upper
 75 100
 77 0.7 24.8 37.2#
 39 43.1 46.2 69.4#

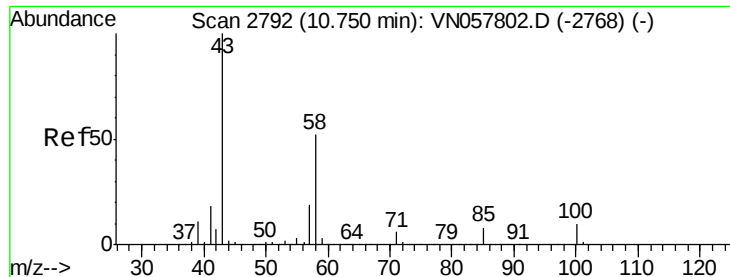


#57

1,3-Dichloropropane
 Concen: 0.921 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN058028.D
 Acq: 13 Sep 2019 19:45

Tgt Ion: 76 Resp: 7674
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.4 38.2#

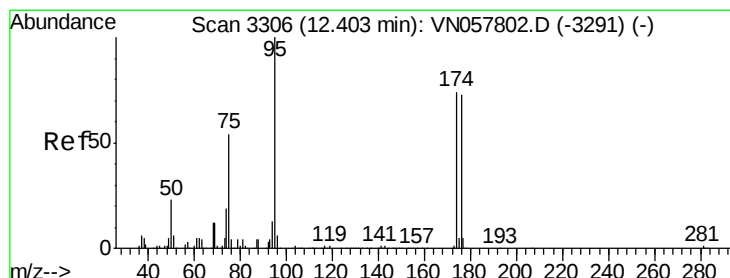
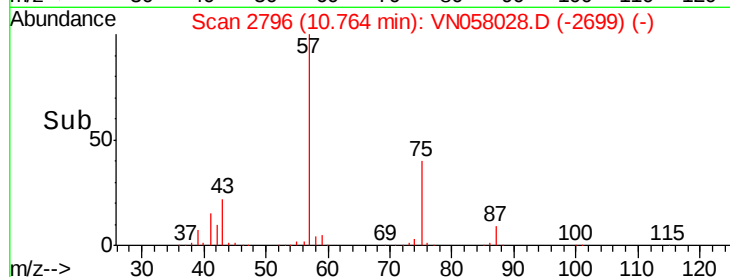
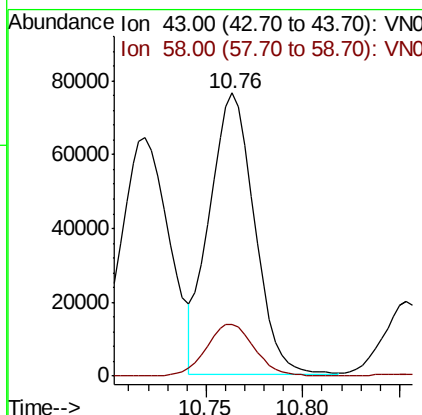
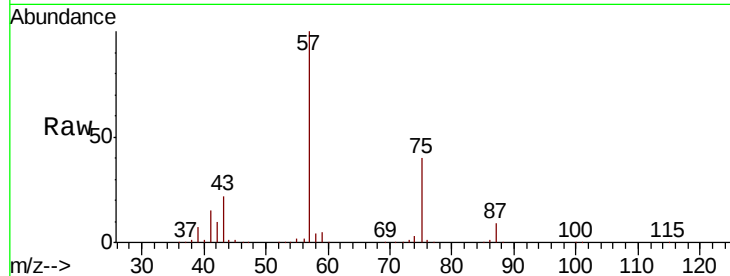




#59
2-Hexanone
Concen: 26.636 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN058028.D
Acq: 13 Sep 2019 19:45

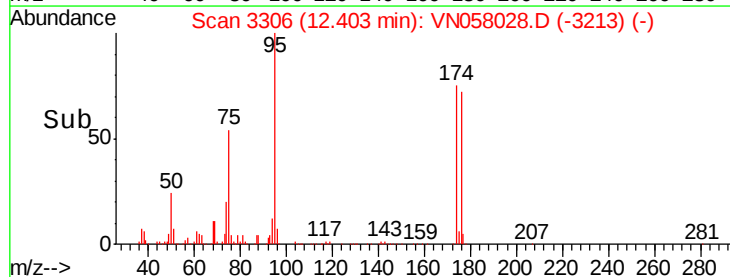
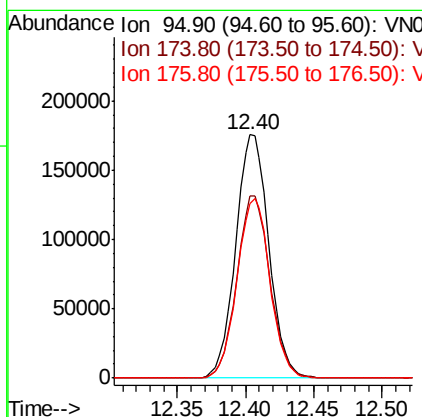
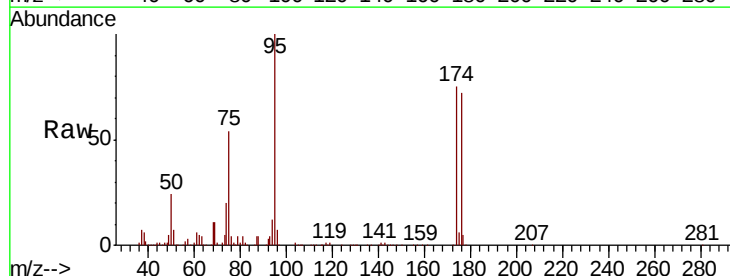
Instrument :
MSVOA_N
ClientSampleId :
PB123049TB

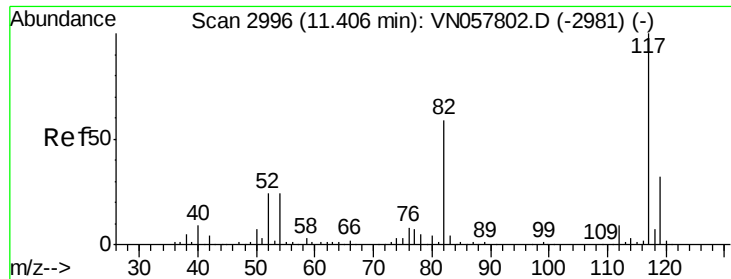
Tgt Ion: 43 Resp: 123526
Ion Ratio Lower Upper
43 100
58 19.8 25.6 76.8#



#62
4-Bromofluorobenzene
Concen: 41.753 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN058028.D
Acq: 13 Sep 2019 19:45

Tgt Ion: 95 Resp: 295847
Ion Ratio Lower Upper
95 100
174 75.2 0.0 150.2
176 73.5 0.0 146.0

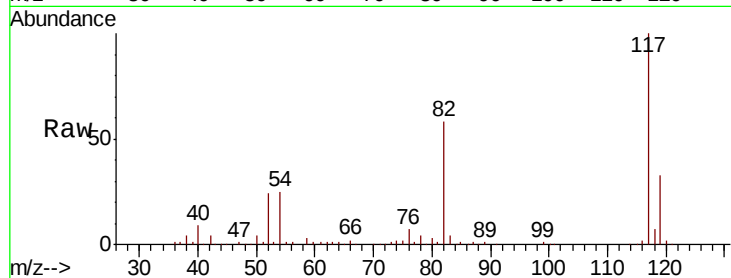




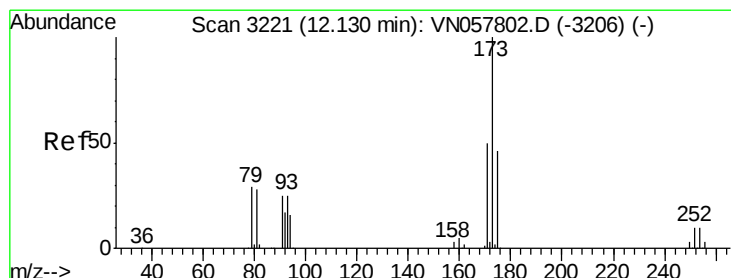
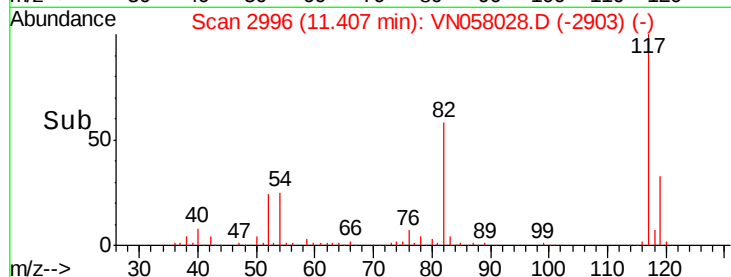
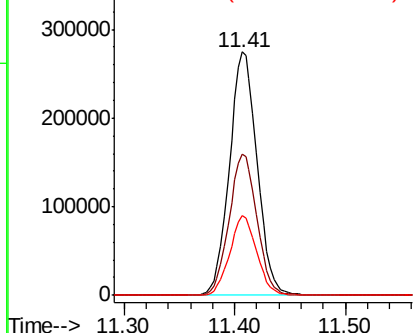
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058028.D
Acq: 13 Sep 2019 19:45

Instrument :
MSVOA_N
ClientSampleId :
PB123049TB

Tgt Ion:117 Resp: 478071
Ion Ratio Lower Upper
117 100
82 57.9 47.2 70.8
119 32.7 25.3 37.9

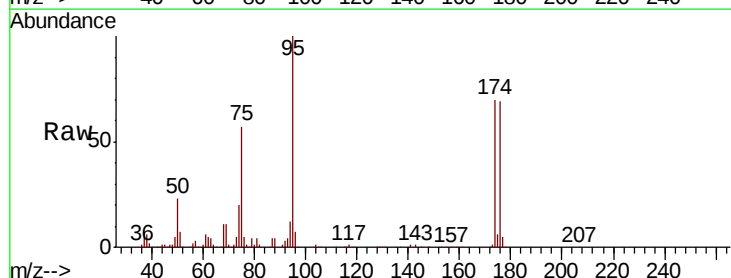


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

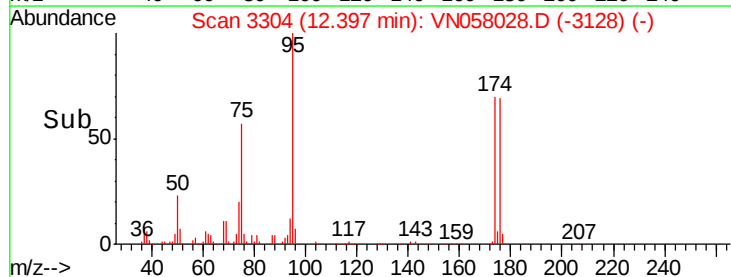
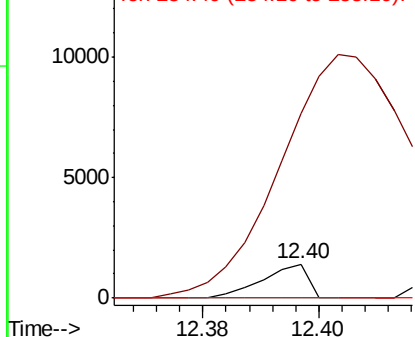


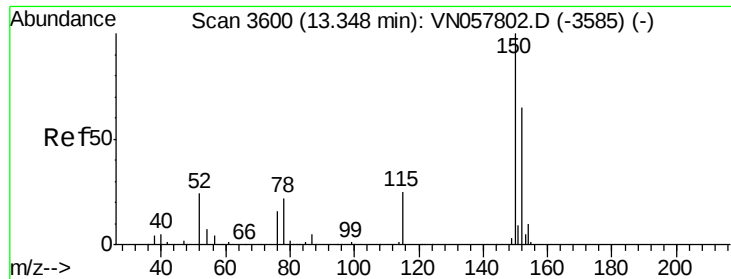
#71
Bromoform
Concen: 0.283 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.27 min
Lab File: VN058028.D
Acq: 13 Sep 2019 19:45

Tgt Ion:173 Resp: 765
Ion Ratio Lower Upper
173 100
175 1878.6 23.5 70.6#
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058028.D

Acq: 13 Sep 2019 19:45

Instrument :

MSVOA_N

ClientSampleId :

PB123049TB

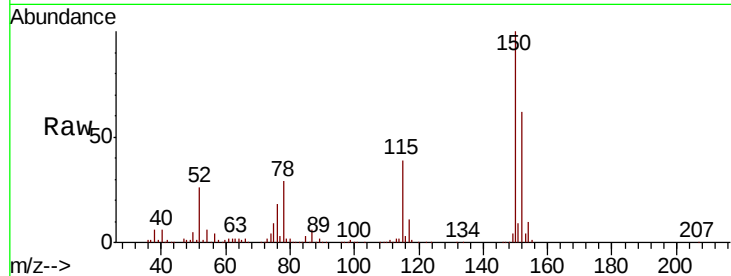
Tgt Ion:152 Resp: 245719

Ion Ratio Lower Upper

152 100

115 61.9 30.3 91.0

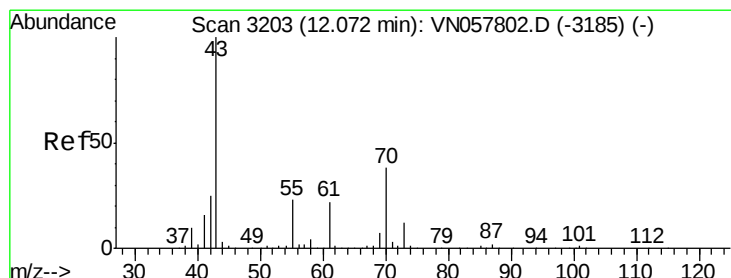
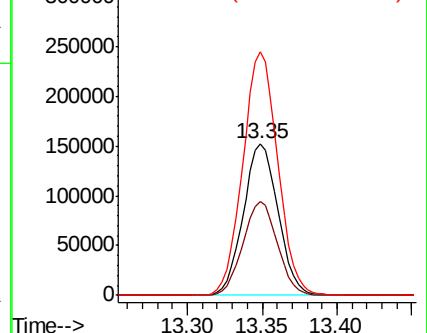
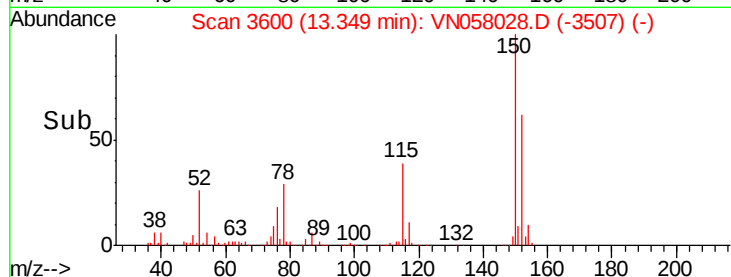
150 161.7 0.0 352.4



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-ethyl acetate

Concen: 0.508 ug/l

RT: 12.03 min Scan# 3191

Delta R.T. -0.04 min

Lab File: VN058028.D

Acq: 13 Sep 2019 19:45

Tgt Ion: 43 Resp: 4216

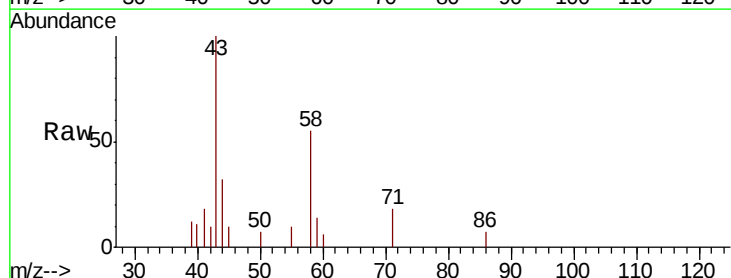
Ion Ratio Lower Upper

43 100

70 0.0 30.6 45.8#

55 10.8 18.6 27.8#

61 0.0 17.4 26.2#

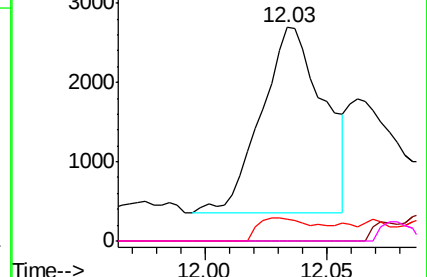
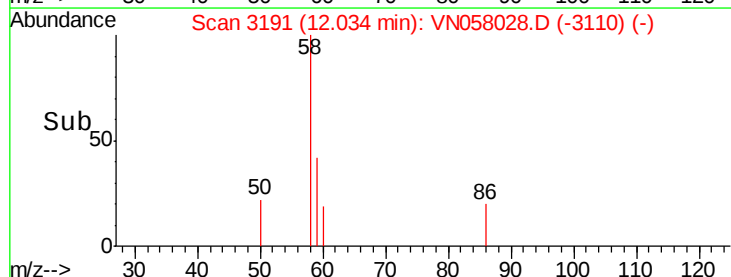


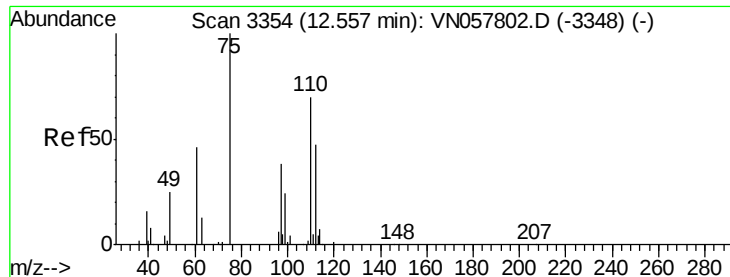
Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO





#76

1,2,3-Trichloropropane

Concen: 29.443 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN058028.D

Acq: 13 Sep 2019 19:45

Instrument :

MSVOA_N

ClientSampled :

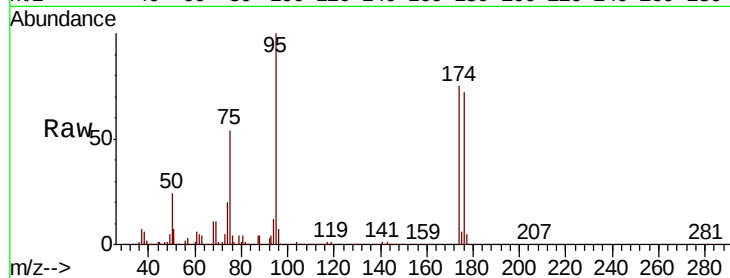
PB123049TB

Tgt Ion: 75 Resp: 163661

Ion Ratio Lower Upper

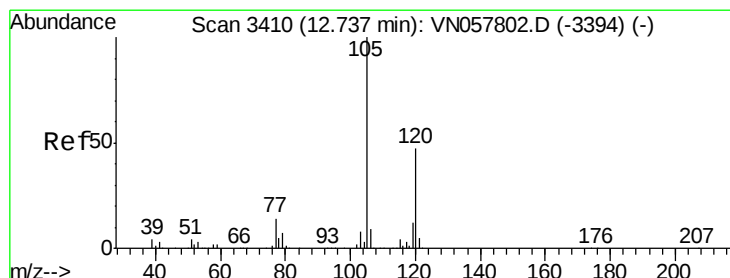
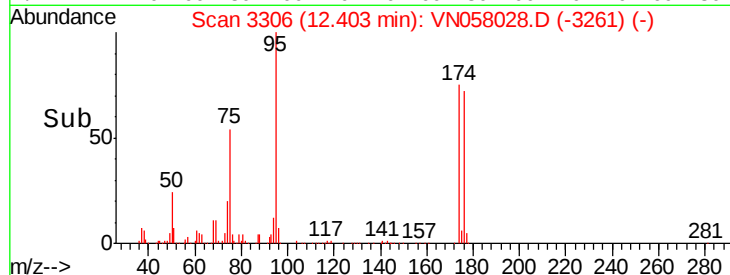
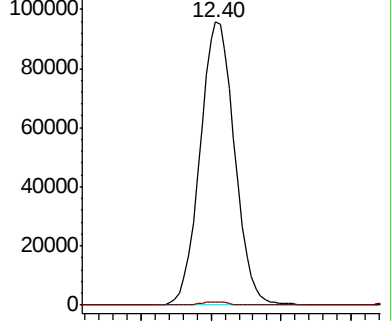
75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN058028.D (-3306) (-)

Ion 77.00 (76.70 to 77.70): VN058028.D (-3306) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.733 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN058028.D

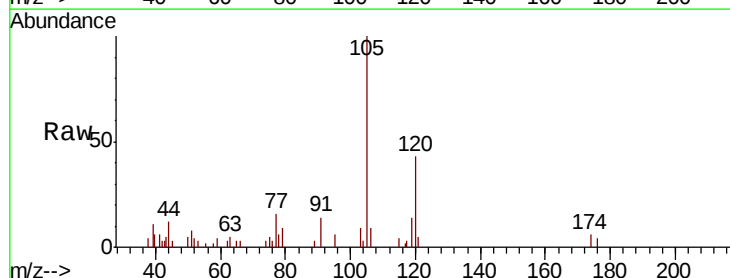
Acq: 13 Sep 2019 19:45

Tgt Ion: 105 Resp: 11813

Ion Ratio Lower Upper

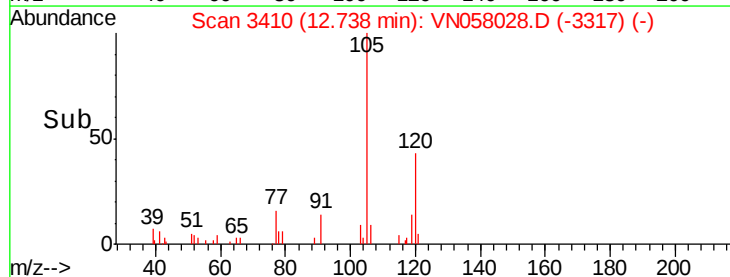
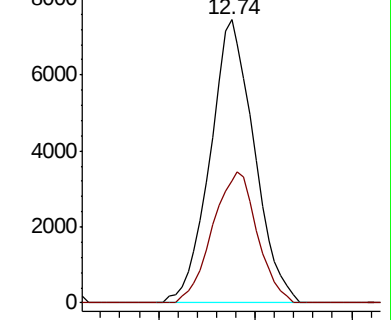
105 100

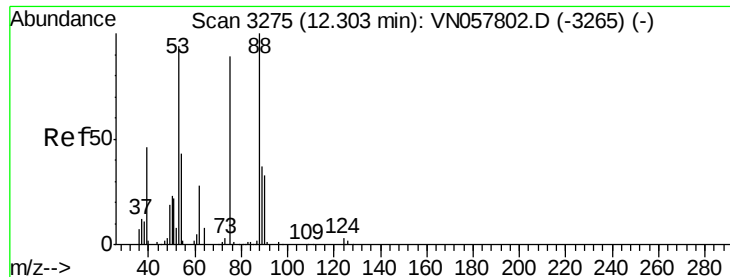
120 46.8 23.7 71.1



Abundance Ion 105.00 (104.70 to 105.70): VN058028.D (-3410) (-)

Ion 120.00 (119.70 to 120.70): VN058028.D (-3410) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 103.610 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN058028.D

Acq: 13 Sep 2019 19:45

Instrument :

MSVOA_N

ClientSampled :

PB123049TB

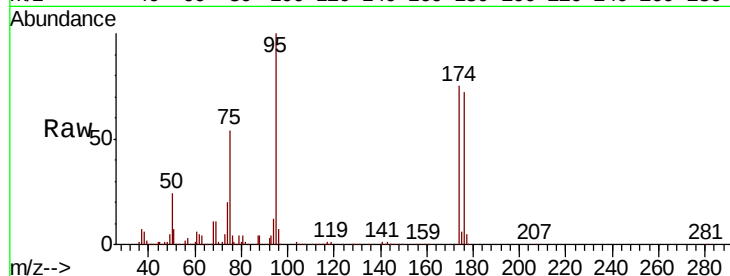
Tgt Ion: 75 Resp: 163661

Ion Ratio Lower Upper

75 100

53 0.1 88.4 132.6#

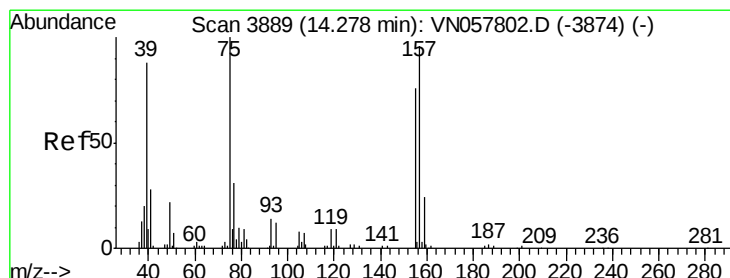
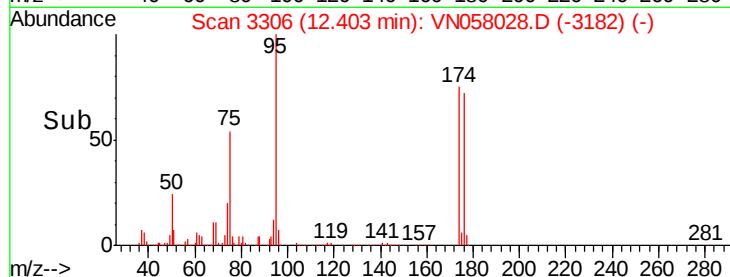
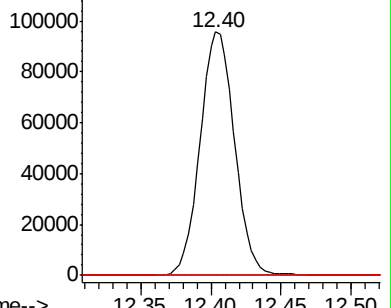
89 0.0 35.3 52.9#



Abundance Ion 74.90 (74.60 to 75.60): VN058028.D (-3306) (-)

Ion 53.00 (52.70 to 53.70): VN058028.D (-3306) (-)

Ion 88.90 (88.60 to 89.60): VN058028.D (-3306) (-)



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.274 ug/l

RT: 14.27 min Scan# 3887

Delta R.T. -0.01 min

Lab File: VN058028.D

Acq: 13 Sep 2019 19:45

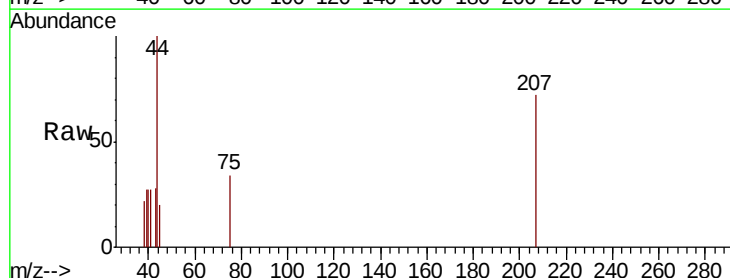
Tgt Ion: 75 Resp: 291

Ion Ratio Lower Upper

75 100

155 0.0 37.3 111.8#

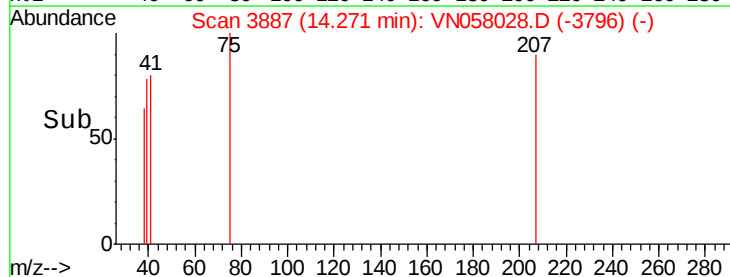
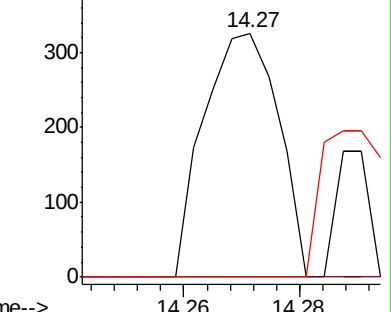
157 0.0 47.9 143.8#

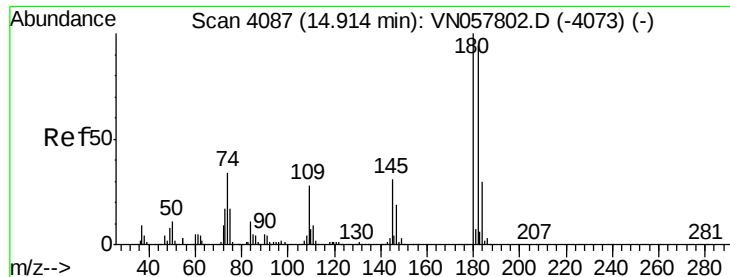


Abundance Ion 74.90 (74.60 to 75.60): VN058028.D (-3887) (-)

Ion 154.80 (154.50 to 155.50): VN058028.D (-3887) (-)

Ion 156.80 (156.50 to 157.50): VN058028.D (-3887) (-)

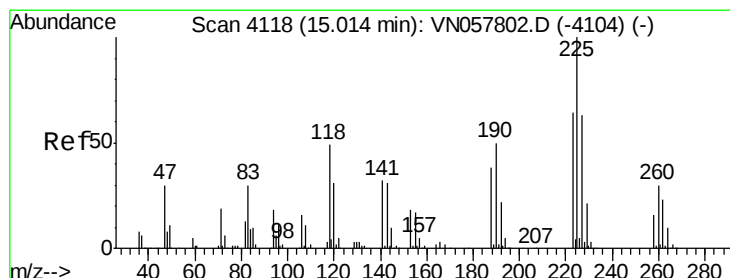
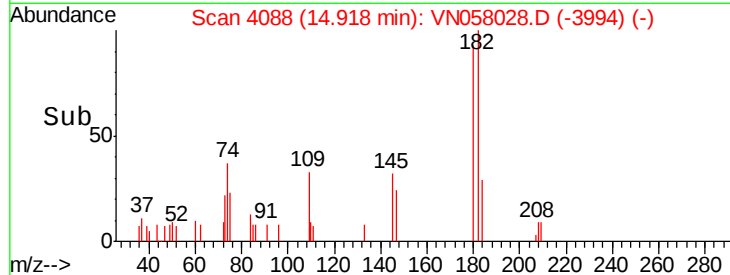
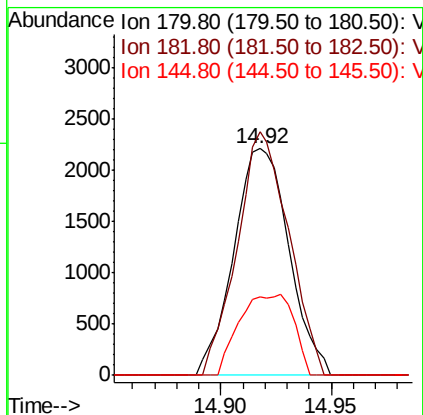
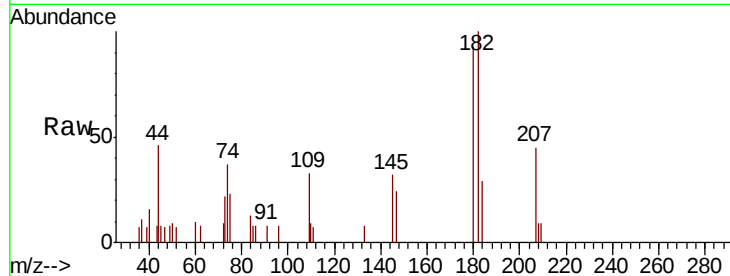




#93
 1,2,4-Trichlorobenzene
 Concen: 0.676 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN058028.D
 Acq: 13 Sep 2019 19:45

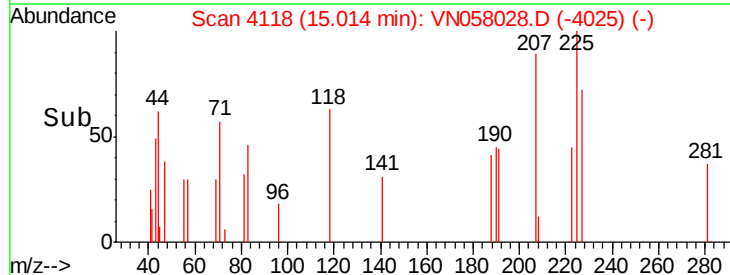
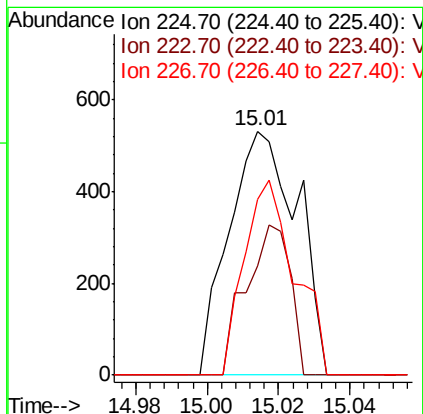
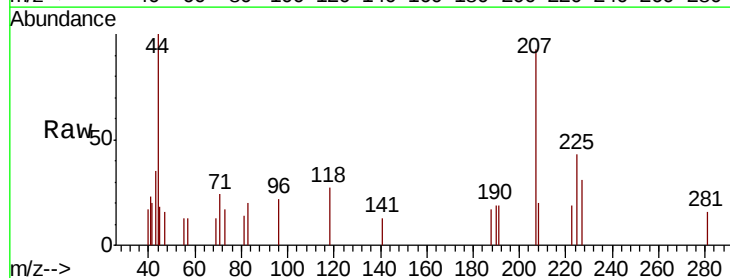
Instrument :
 MSVOA_N
 ClientSampled :
 PB123049TB

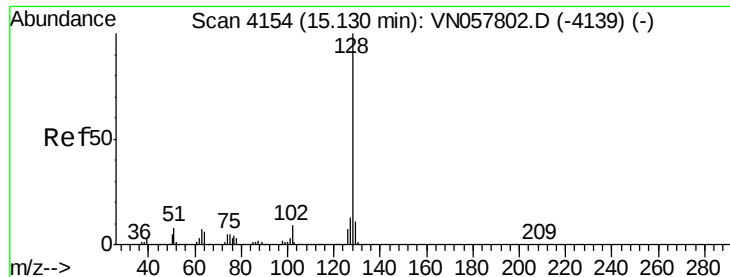
Tgt Ion:180 Resp: 3852
 Ion Ratio Lower Upper
 180 100
 182 100.1 46.9 140.8
 145 35.0 14.9 44.7



#94
 Hexachlorobutadiene
 Concen: 0.292 ug/l
 RT: 15.01 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN058028.D
 Acq: 13 Sep 2019 19:45

Tgt Ion:225 Resp: 706
 Ion Ratio Lower Upper
 225 100
 223 39.5 32.4 97.2
 227 58.9 31.8 95.4





#95

Naphthalene

Concen: Below Cal

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN058028.D

Acq: 13 Sep 2019 19:45

Instrument :

MSVOA_N

ClientSampleId :

PB123049TB

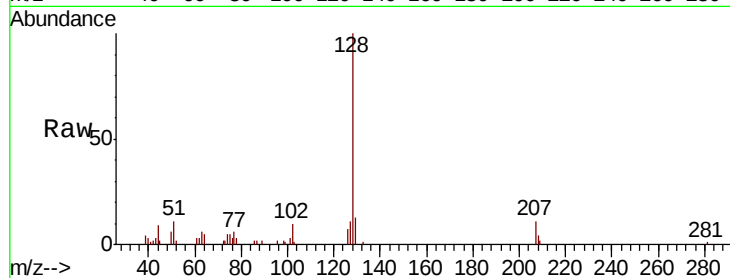
Tgt Ion:128 Resp: 19073

Ion Ratio Lower Upper

128 100

127 12.5 10.3 15.5

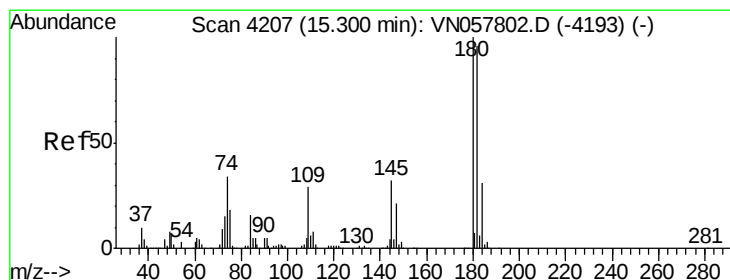
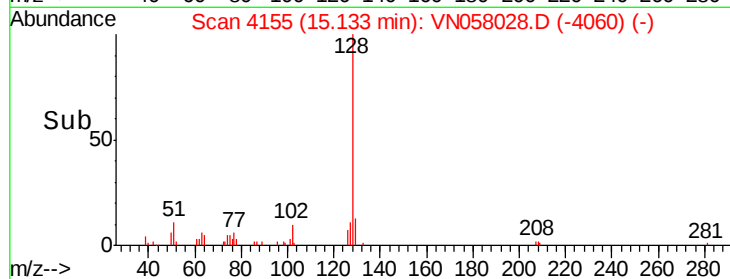
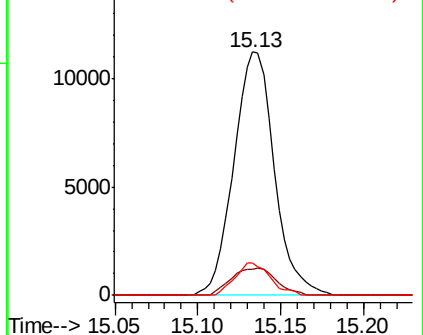
129 11.6 8.6 12.8



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: 1.867 ug/l

RT: 15.30 min Scan# 4207

Delta R.T. 0.00 min

Lab File: VN058028.D

Acq: 13 Sep 2019 19:45

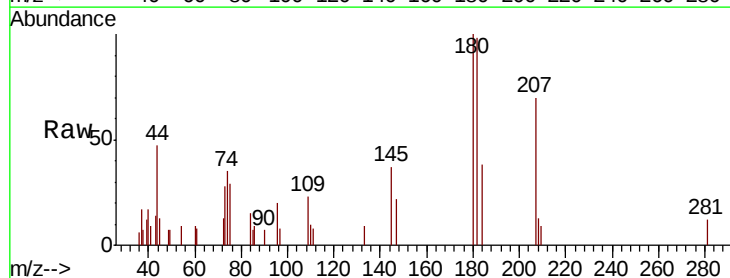
Tgt Ion:180 Resp: 4411

Ion Ratio Lower Upper

180 100

182 103.0 48.3 144.8

145 30.7 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

