

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072319\
 Data File : VN056881.D
 Acq On : 23 Jul 2019 16:14
 Operator : JC/SP
 Sample : PB121628ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB121628ZHE#02

Quant Time: Jul 24 01:16:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 23 01:46:34 2019
 Response via : Initial Calibration

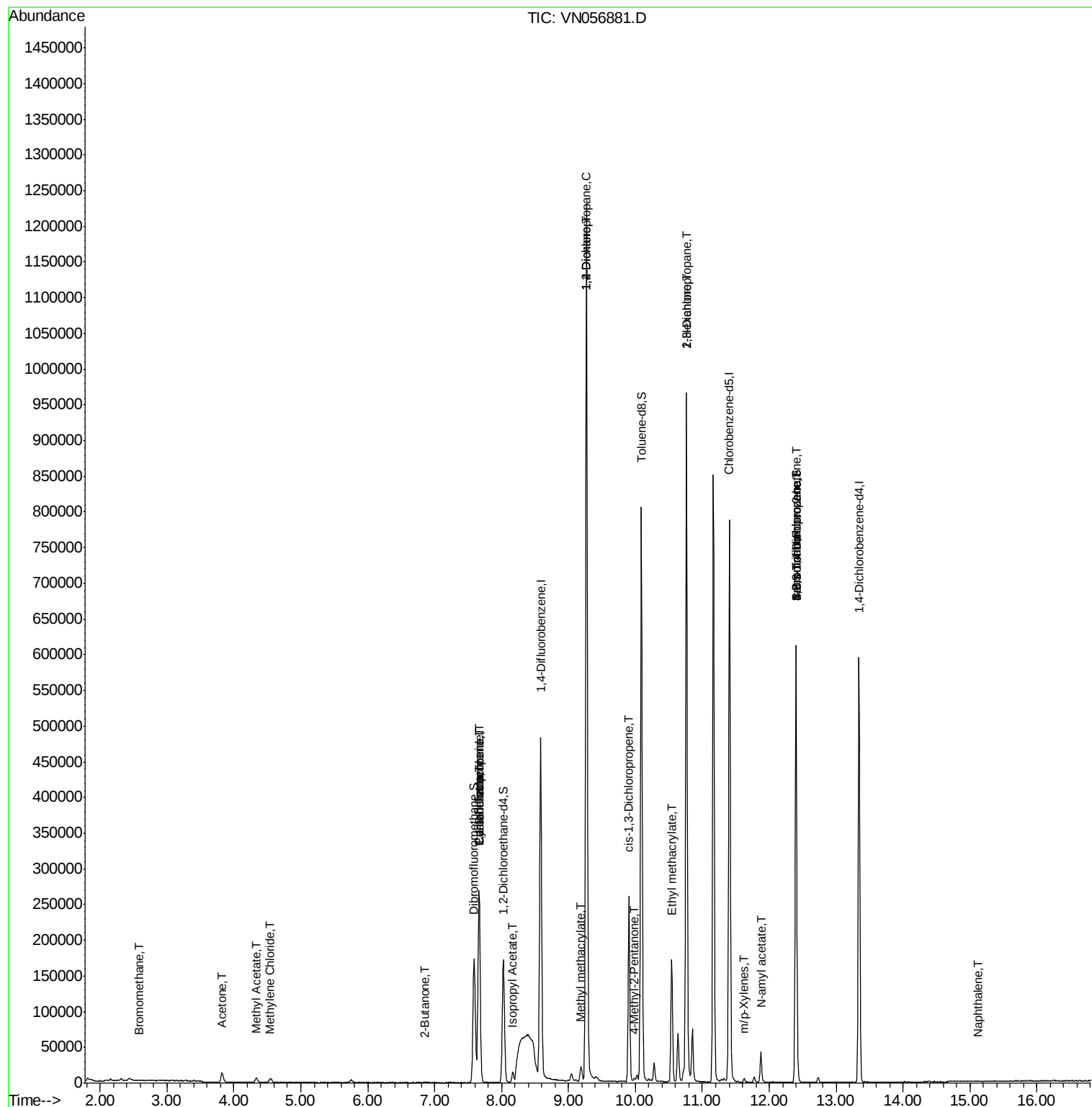
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	236200	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	449443	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	501963	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	175821	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	142157	56.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.84%	
35) Dibromofluoromethane	7.59	113	134840	47.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.66%	
50) Toluene-d8	10.09	98	574998	52.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.52%	
62) 4-Bromofluorobenzene	12.40	95	214728	60.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.40%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.58	94	472	0.256	ug/l	99
16) Acetone	3.82	43	24139	26.606	ug/l	96
18) Methyl Acetate	4.34	43	13145	2.681	ug/l	93
20) Methylene Chloride	4.54	84	4567	1.683	ug/l	96
25) 2-Butanone	6.85	43	765	0.574	ug/l	95
31) Cyclohexane	7.66	56	3852	0.900	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	14798	3.570	ug/l #	49
38) Carbon Tetrachloride	7.67	117	19864	5.034	ug/l #	15
43) Isopropyl Acetate	8.17	43	17864	3.109	ug/l	95
45) 1,2-Dichloropropane	9.27	63	1517	0.437	ug/l #	43
48) Methyl methacrylate	9.18	41	7625	2.653	ug/l #	13
49) 1,4-Dioxane	9.26	88	62	1.100	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	3455	1.008	ug/l	96
54) cis-1,3-Dichloropropene	9.90	75	47851	9.823	ug/l #	65
56) Ethyl methacrylate	10.54	69	999	0.234	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	10336	2.031	ug/l #	42
59) 2-Hexanone	10.76	43	138223	58.278	ug/l #	50
68) m/p-Xylenes	11.63	106	2061	0.306	ug/l	89
71) Bromoform	12.40	173	1680	0.616	ug/l #	1
73) Isopropylbenzene	12.40	105	140	Below Cal	#	48
74) N-amyl acetate	11.88	43	13290	2.574	ug/l #	51
76) 1,2,3-Trichloropropane	12.40	75	98115	26.927	ug/l #	100
79) 2-Chlorotoluene	12.74	91	254	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	12.73	105	3721	Below Cal		99
81) trans-1,4-Dichloro-2-buten	12.40	75	98115	86.242	ug/l #	13
83) tert-Butylbenzene	12.73	119	421	Below Cal	#	84
95) Naphthalene	15.13	128	216	3.649	ug/l #	70

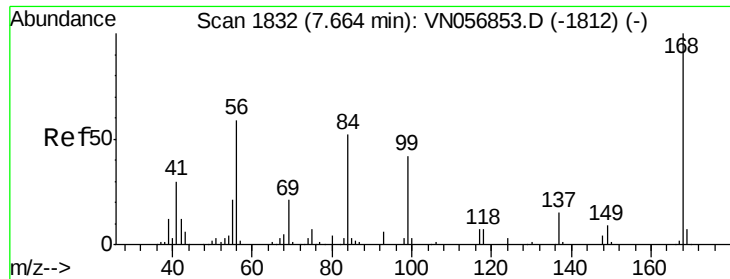
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 23 01:46:34 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN056881.D

Acq: 23 Jul 2019 16:14

Instrument :

MSVOA_N

ClientSampleId :

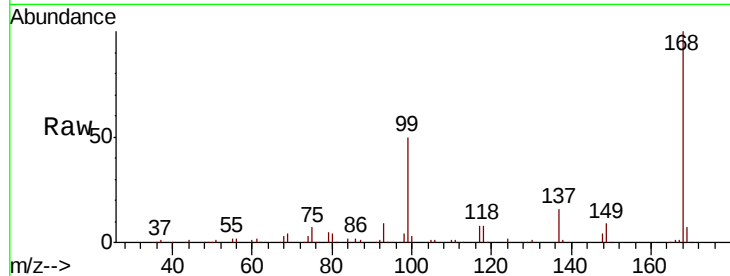
PB121628ZHE#02

Tot Ion:168 Resp: 236200

Ion Ratio Lower Upper

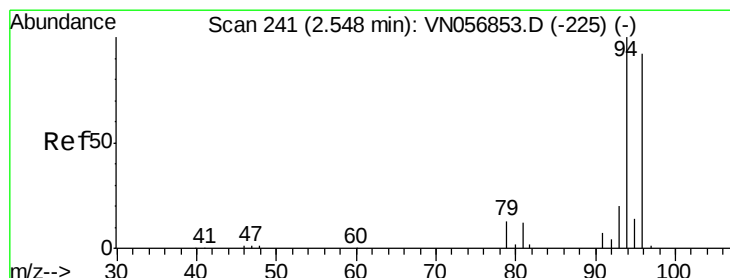
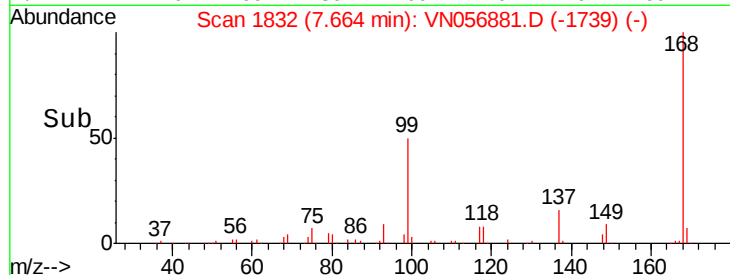
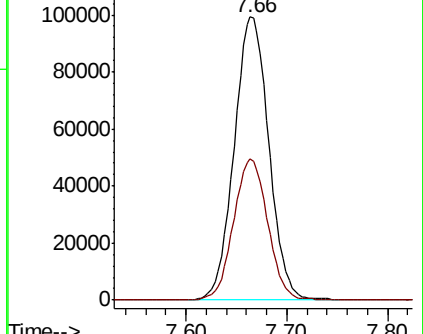
168 100

99 50.0 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#5

Bromomethane

Concen: 0.256 ug/l

RT: 2.58 min Scan# 250

Delta R.T. 0.03 min

Lab File: VN056881.D

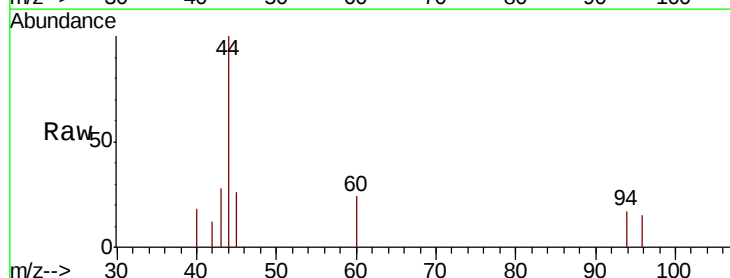
Acq: 23 Jul 2019 16:14

Tgt Ion: 94 Resp: 472

Ion Ratio Lower Upper

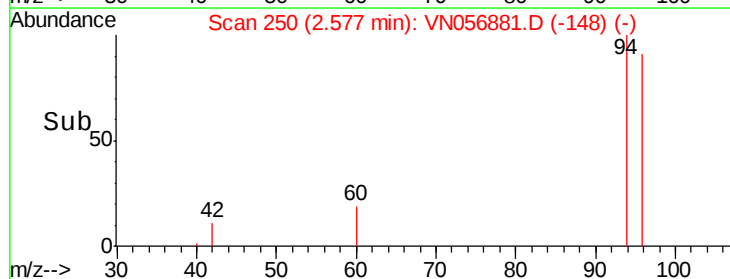
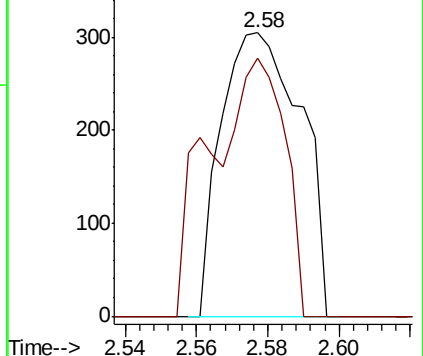
94 100

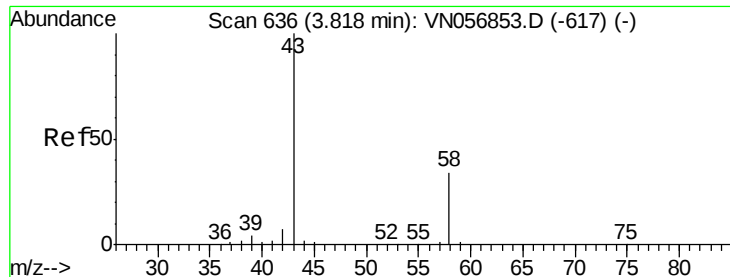
96 91.1 73.6 110.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0





#16

Acetone

Concen: 26.606 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN056881.D

Acq: 23 Jul 2019 16:14

Instrument :

MSVOA_N

ClientSampleId :

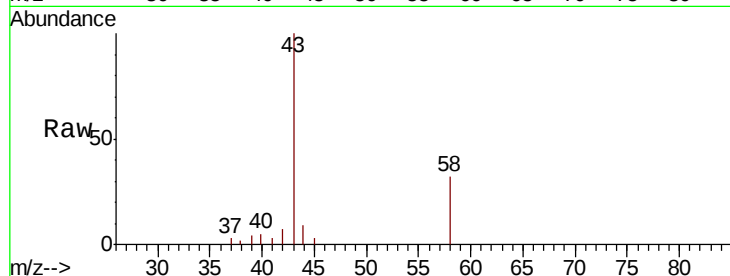
PB121628ZHE#02

Tot Ion: 43 Resp: 24139

Ion Ratio Lower Upper

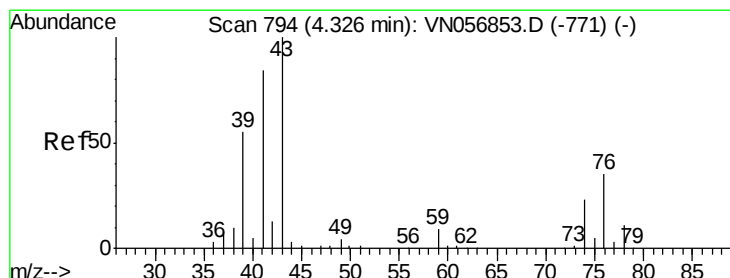
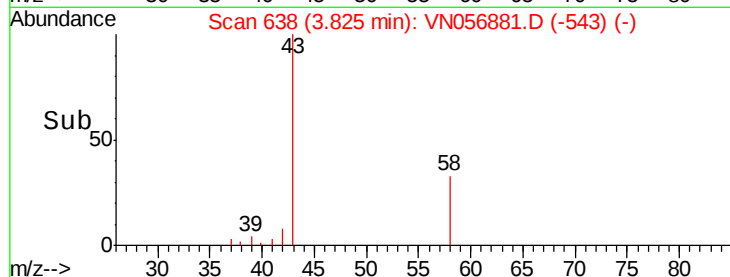
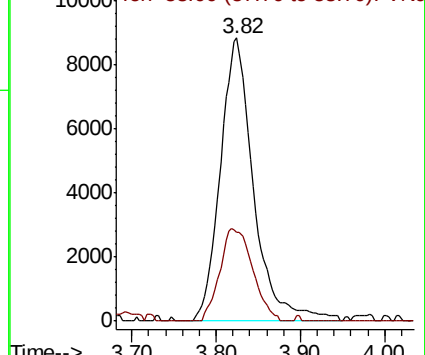
43 100

58 31.6 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 2.681 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN056881.D

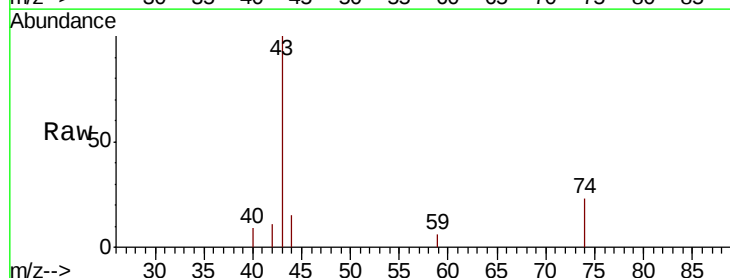
Acq: 23 Jul 2019 16:14

Tgt Ion: 43 Resp: 13145

Ion Ratio Lower Upper

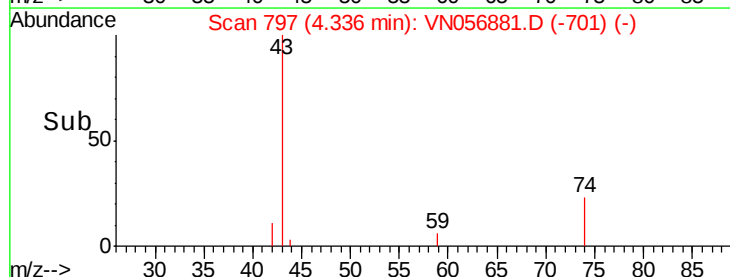
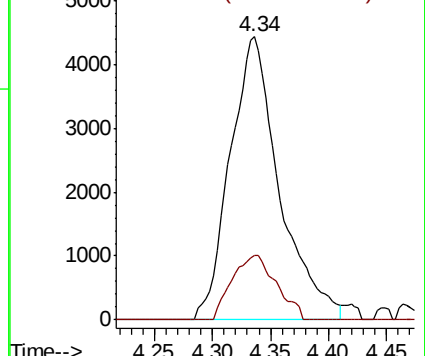
43 100

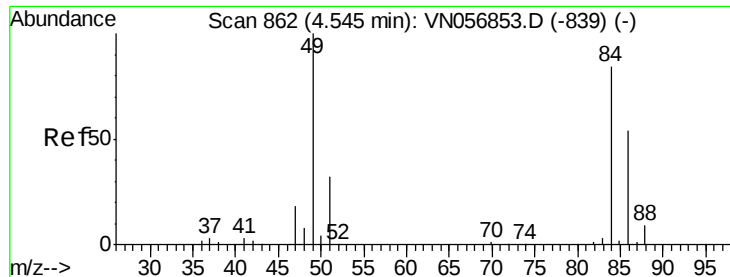
74 20.4 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

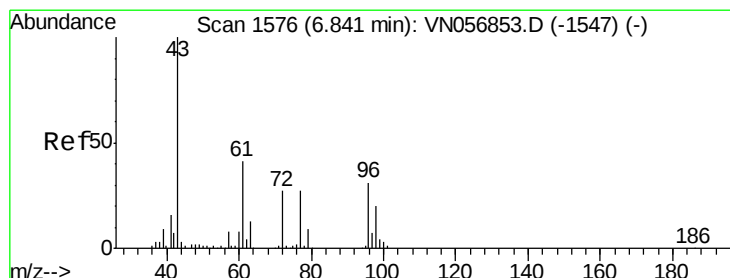
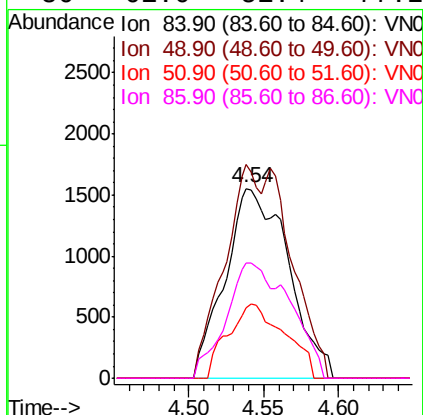
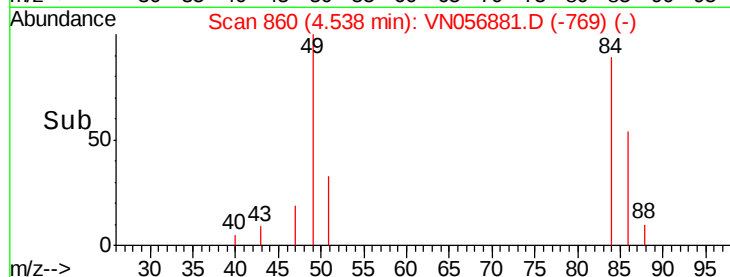
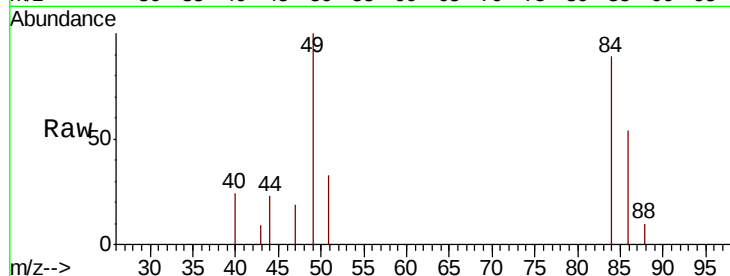




#20
Methvlene Chloride
Concen: 1.683 ug/l
RT: 4.54 min Scan# 860
Delta R.T. -0.01 min
Lab File: VN056881.D
Acq: 23 Jul 2019 16:14

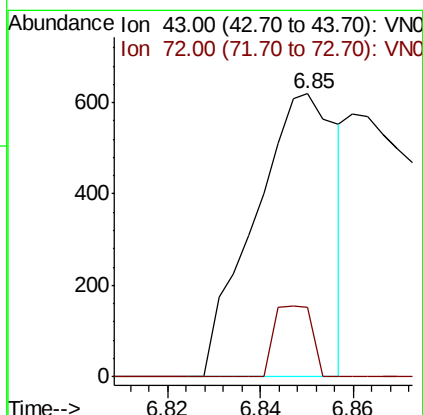
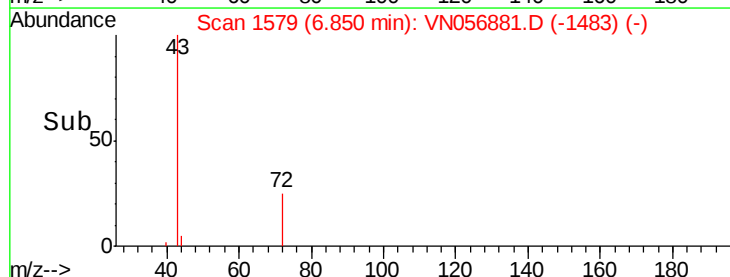
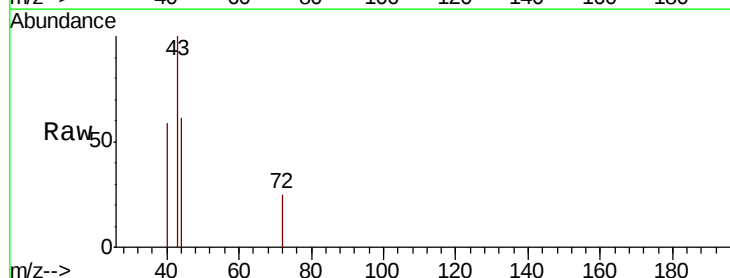
Instrument :
MSVOA_N
ClientSampleId :
PB121628ZHE#02

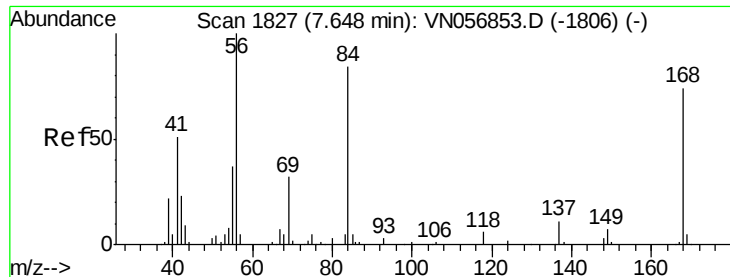
Tot Ion: 84 Resp: 4567
Ion Ratio Lower Upper
84 100
49 112.5 94.9 142.3
51 37.4 29.9 44.9
86 61.0 51.4 77.2



#25
2-Butanone
Concen: 0.574 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.01 min
Lab File: VN056881.D
Acq: 23 Jul 2019 16:14

Tgt Ion: 43 Resp: 765
Ion Ratio Lower Upper
43 100
72 24.6 21.5 32.3

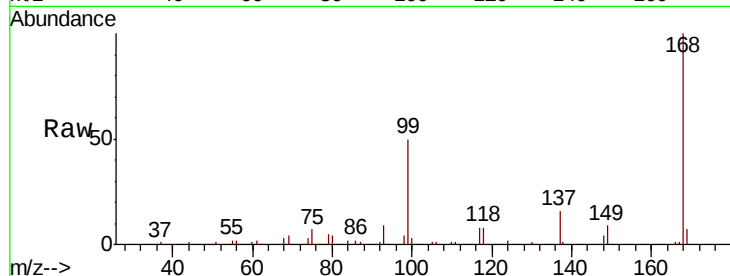




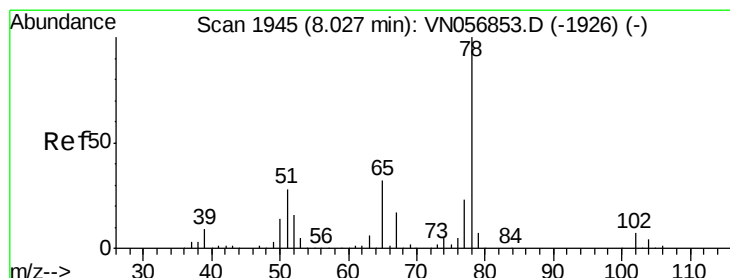
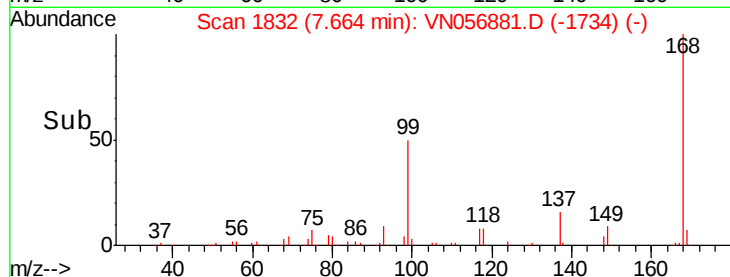
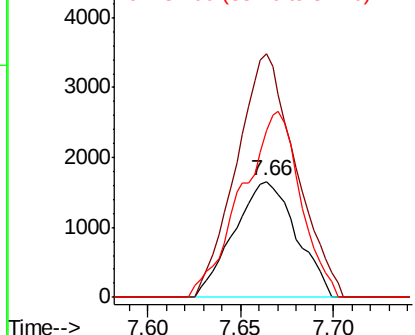
#31
Cyclohexane
Concen: 0.900 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.02 min
Lab File: VN056881.D
Acq: 23 Jul 2019 16:14

Instrument :
MSVOA_N
ClientSampleId :
PB121628ZHE#02

Tot Ion: 56 Resp: 3852
Ion Ratio Lower Upper
56 100
69 210.5 25.5 38.3#
84 143.7 67.3 100.9#

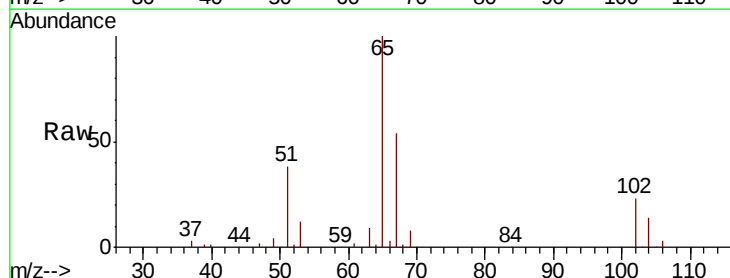


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

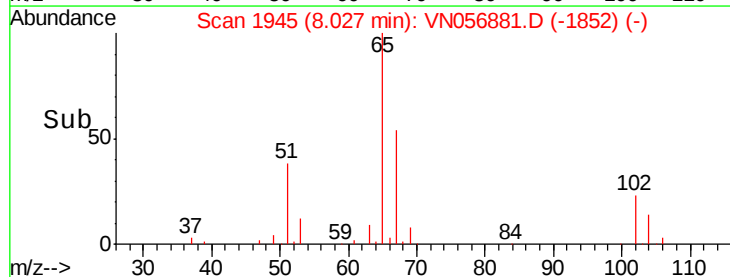
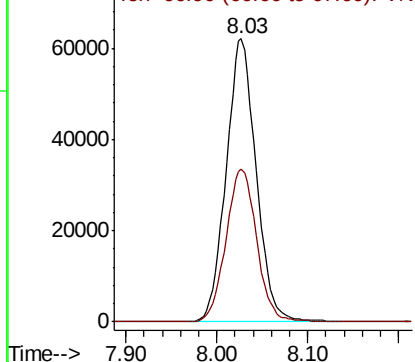


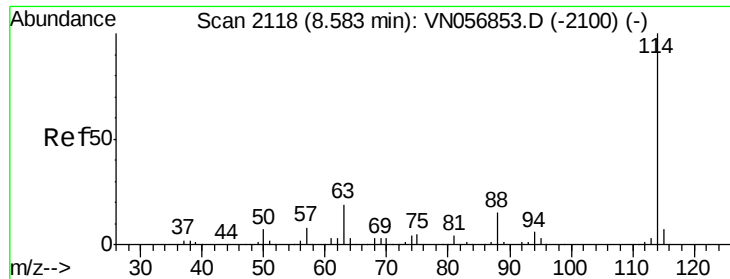
#33
1,2-Dichloroethane-d4
Concen: 56.424 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN056881.D
Acq: 23 Jul 2019 16:14

Tgt Ion: 65 Resp: 142157
Ion Ratio Lower Upper
65 100
67 55.6 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

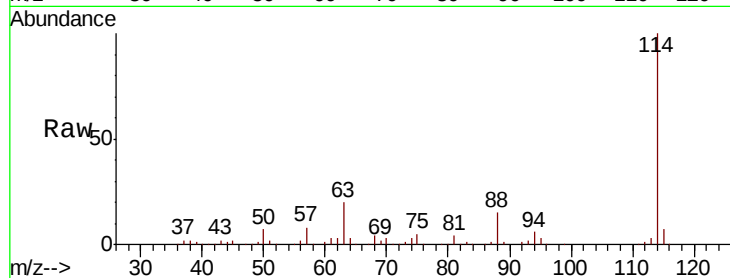




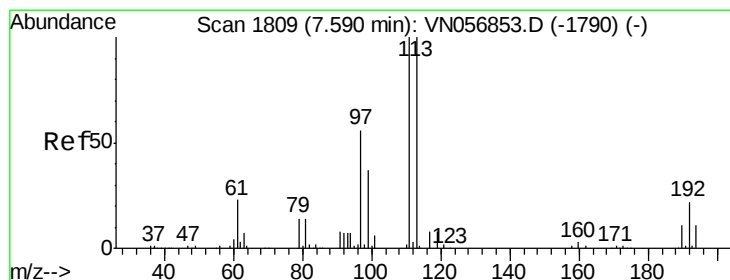
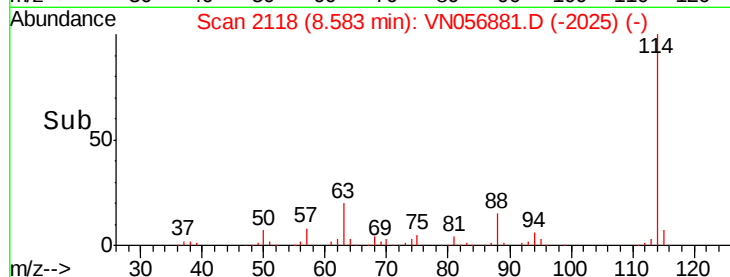
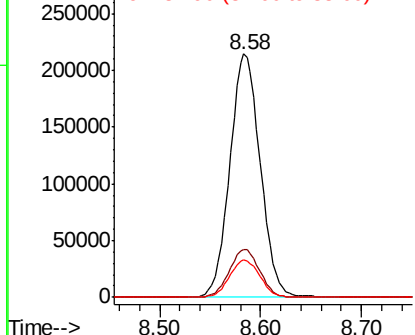
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN056881.D
 Acq: 23 Jul 2019 16:14

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Tot Ion:114 Resp: 449443
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 37.8
 88 15.4 0.0 31.0

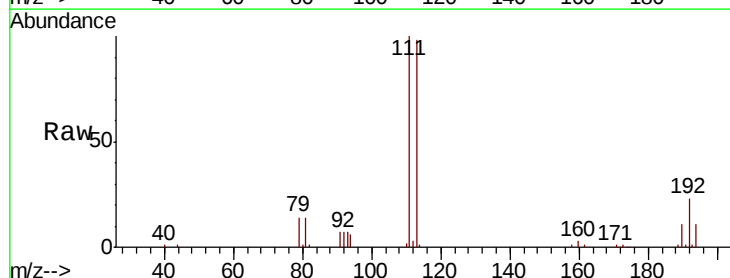


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

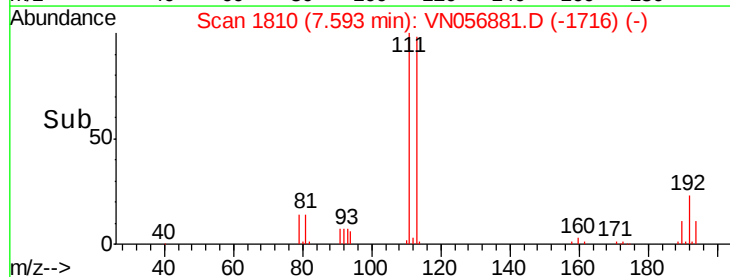
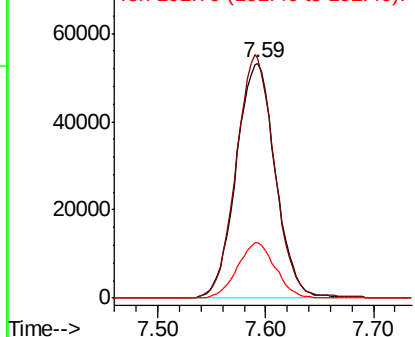


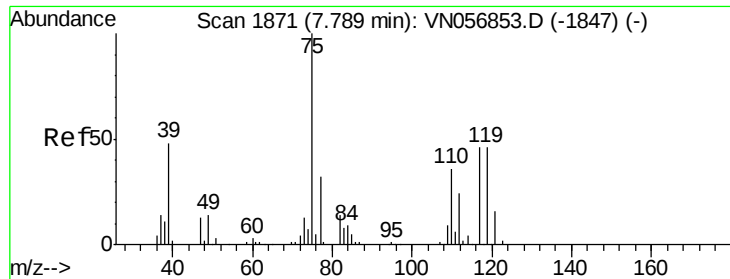
#35
 Dibromofluoromethane
 Concen: 47.333 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN056881.D
 Acq: 23 Jul 2019 16:14

Tgt Ion:113 Resp: 134840
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.9 122.9
 192 22.8 18.5 27.7



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

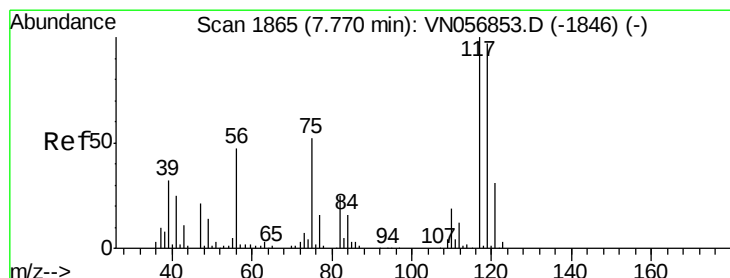
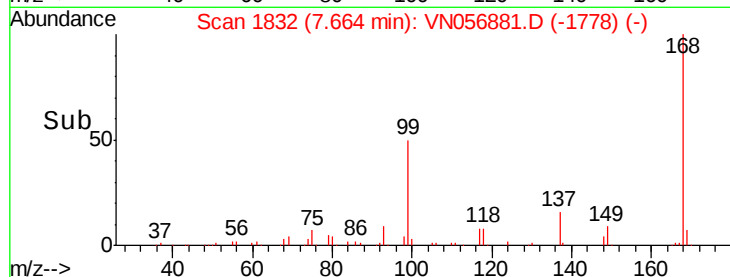
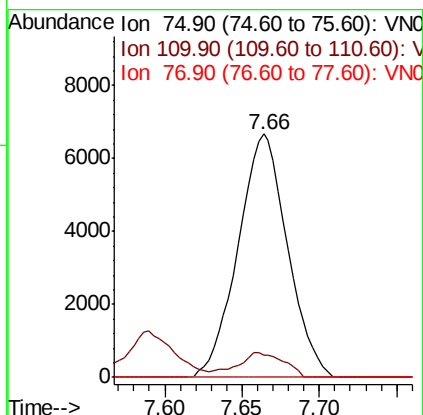
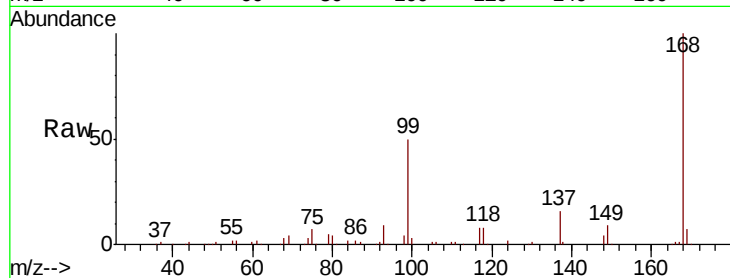




#36
 1,1-Dichloropropene
 Concen: 3.570 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN056881.D
 Acq: 23 Jul 2019 16:14

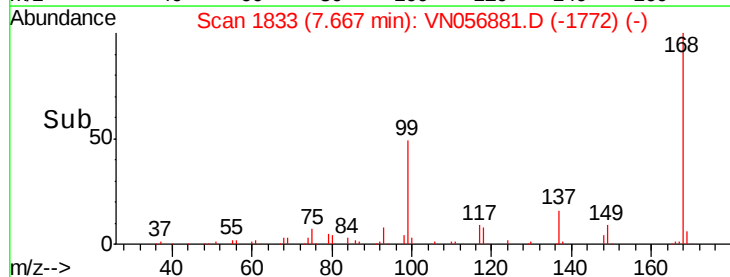
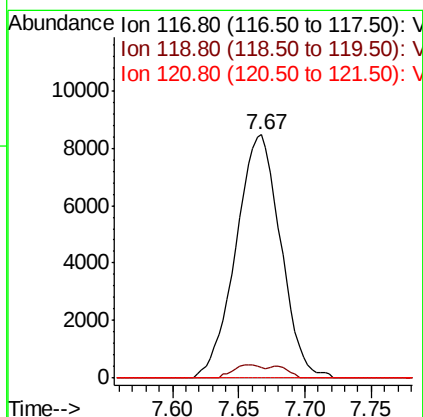
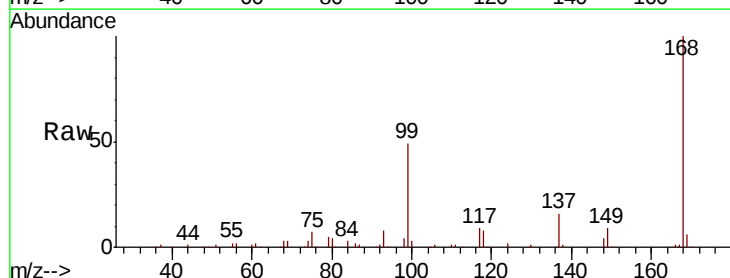
Instrument :
 MSVOA_N
 ClientSampleId :
 PB121628ZHE#02

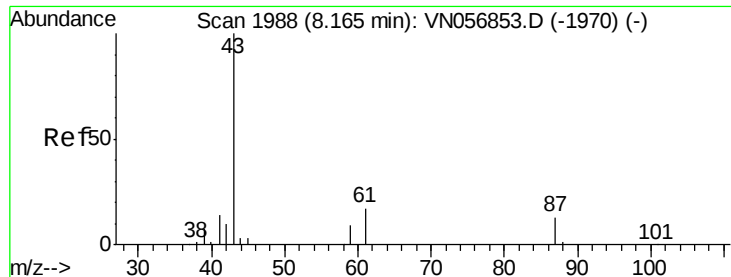
Tot Ion	75	Resp	14798
Ion Ratio	Lower	Upper	
75	100		
110	9.3	17.9	53.7#
77	0.0	25.0	37.6#



#38
 Carbon Tetrachloride
 Concen: 5.034 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.10 min
 Lab File: VN056881.D
 Acq: 23 Jul 2019 16:14

Tgt Ion	117	Resp	19864
Ion Ratio	Lower	Upper	
117	100		
119	4.3	77.2	115.8#
121	0.0	24.5	36.7#





#43

Isopropyl Acetate

Concen: 3.109 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN056881.D

Acq: 23 Jul 2019 16:14

Instrument :

MSVOA_N

ClientSampleId :

PB121628ZHE#02

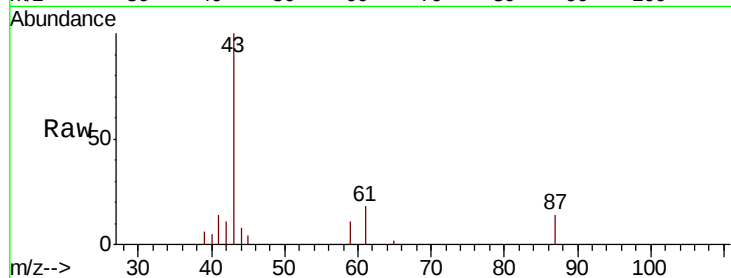
Tot Ion: 43 Resp: 17864

Ion Ratio Lower Upper

43 100

61 19.3 17.8 26.6

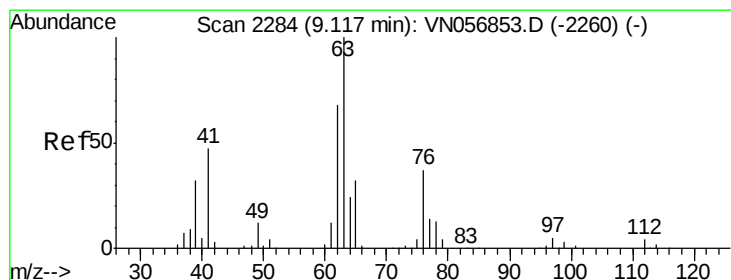
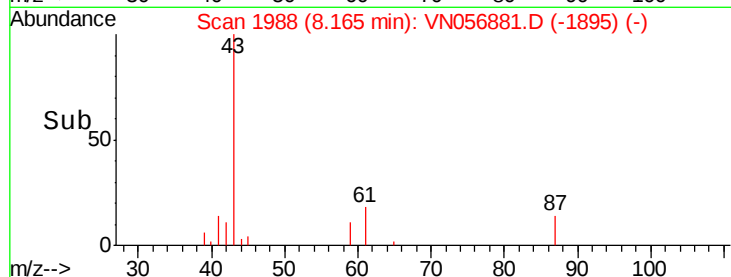
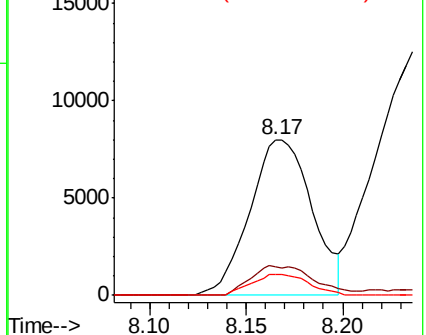
87 12.4 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#45

1,2-Dichloropropane

Concen: 0.437 ug/l

RT: 9.27 min Scan# 2332

Delta R.T. 0.15 min

Lab File: VN056881.D

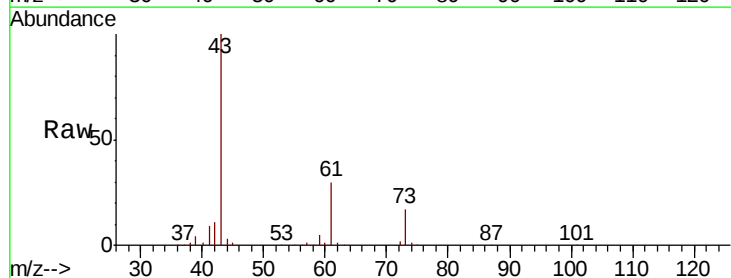
Acq: 23 Jul 2019 16:14

Tgt Ion: 63 Resp: 1517

Ion Ratio Lower Upper

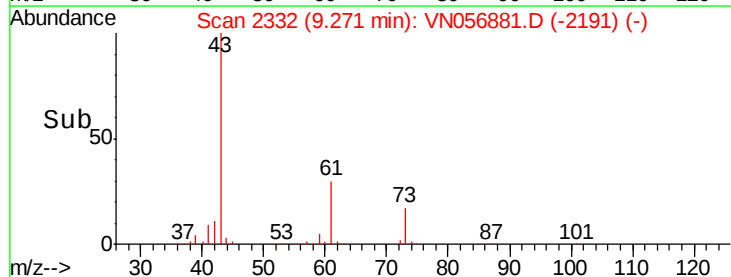
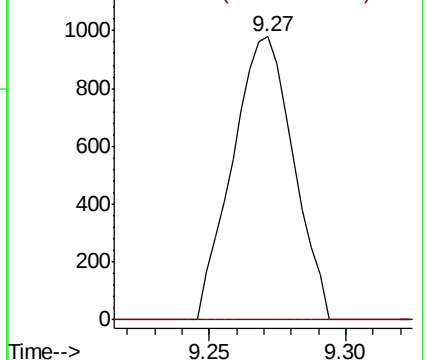
63 100

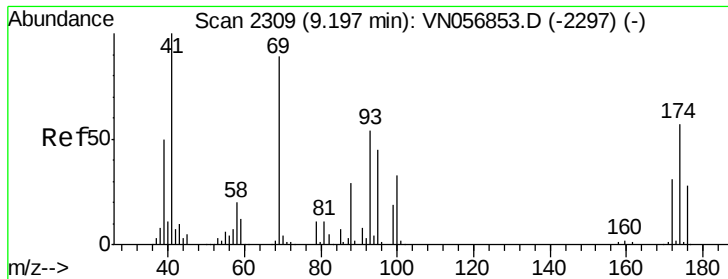
65 0.0 25.4 38.0#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

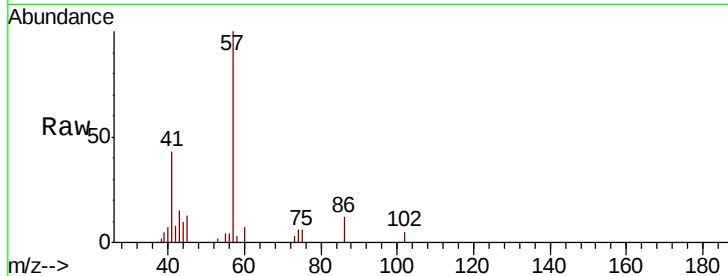




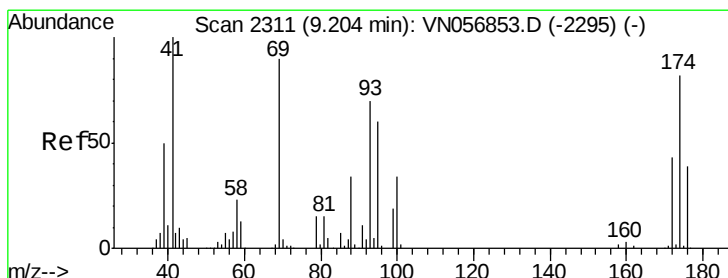
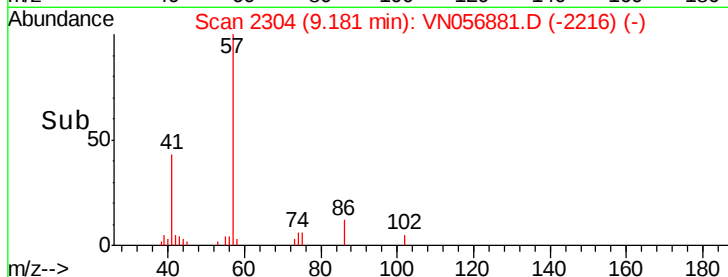
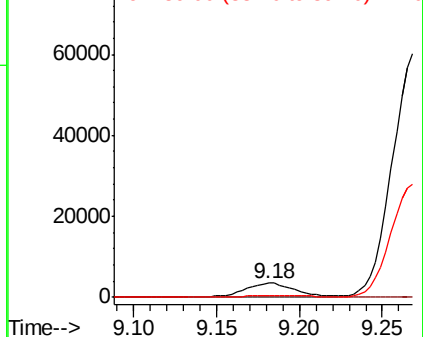
#48
Methvl methacrylate
Concen: 2.653 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN056881.D
Acq: 23 Jul 2019 16:14

Instrument :
MSVOA_N
ClientSampleId :
PB121628ZHE#02

Tot Ion: 41 Resp: 7625
Ion Ratio Lower Upper
41 100
69 0.0 71.1 106.7#
39 0.0 40.6 60.8#

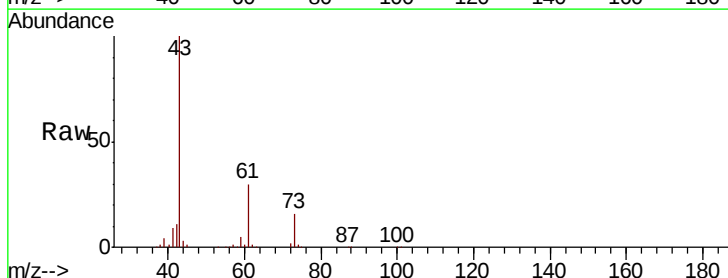


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 39.00 (38.70 to 39.70): VNO

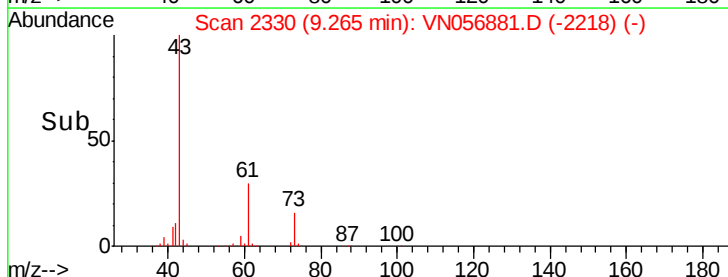
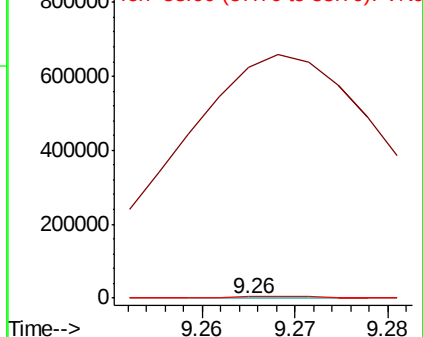


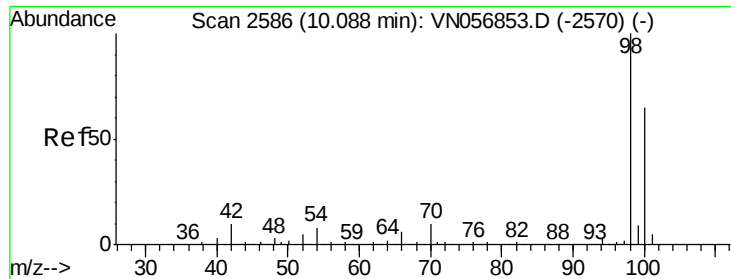
#49
1,4-Dioxane
Concen: 1.100 ug/l
RT: 9.26 min Scan# 2330
Delta R.T. 0.06 min
Lab File: VN056881.D
Acq: 23 Jul 2019 16:14

Tgt Ion: 88 Resp: 62
Ion Ratio Lower Upper
88 100
43 1934877.4 21.4 32.2#
58 9037.1 55.7 83.5#



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





#50

Toluene-d8

Concen: 52.759 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN056881.D

Acq: 23 Jul 2019 16:14

Instrument :

MSVOA_N

ClientSampleId :

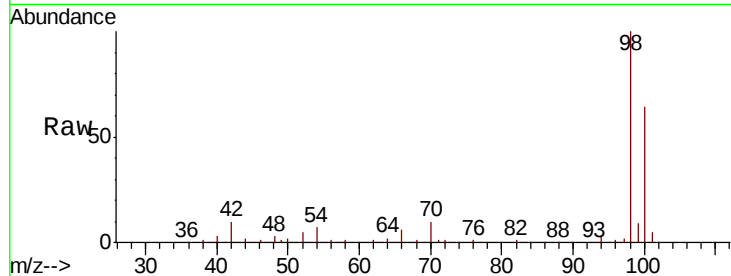
PB121628ZHE#02

Tot Ion: 98 Resp: 574998

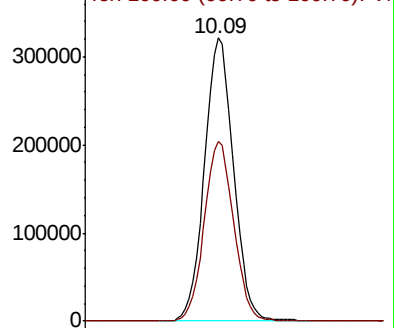
Ion Ratio Lower Upper

98 100

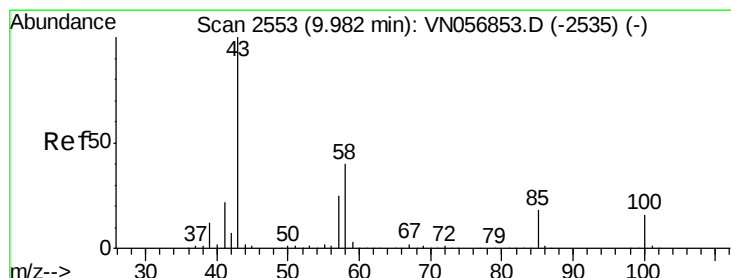
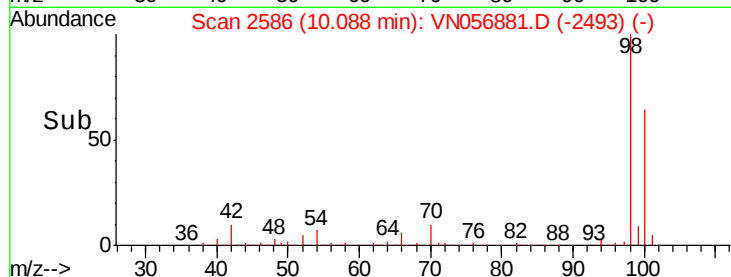
100 64.4 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN056853.D (-2570) (-)



Time-->



#51

4-Methyl-2-Pentanone

Concen: 1.008 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056881.D

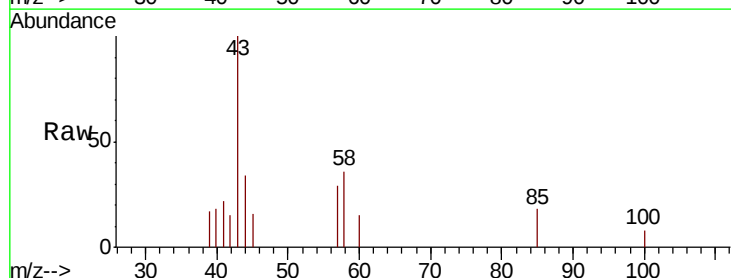
Acq: 23 Jul 2019 16:14

Tgt Ion: 43 Resp: 3455

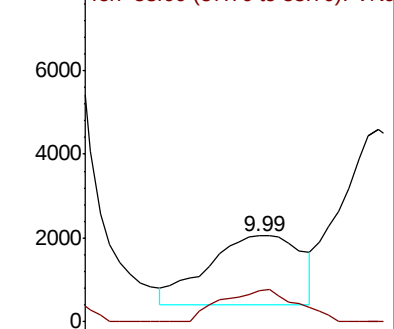
Ion Ratio Lower Upper

43 100

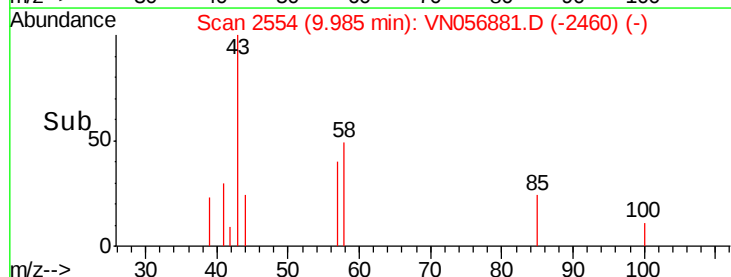
58 38.0 32.4 48.6

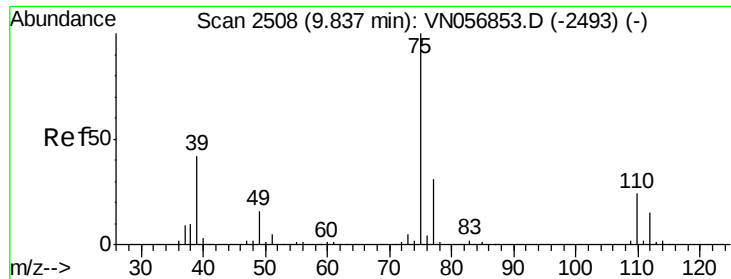


Abundance Ion 43.00 (42.70 to 43.70): VN056853.D (-2535) (-)



Time-->





#54

cis-1,3-Dichloropropene

Concen: 9.823 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN056881.D

Acq: 23 Jul 2019 16:14

Instrument :

MSVOA_N

ClientSampleId :

PB121628ZHE#02

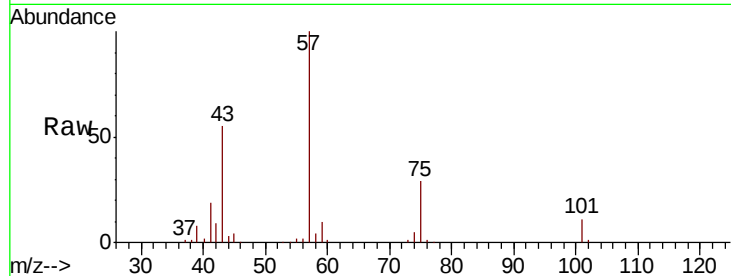
Tot Ion: 75 Resp: 47851

Ion Ratio Lower Upper

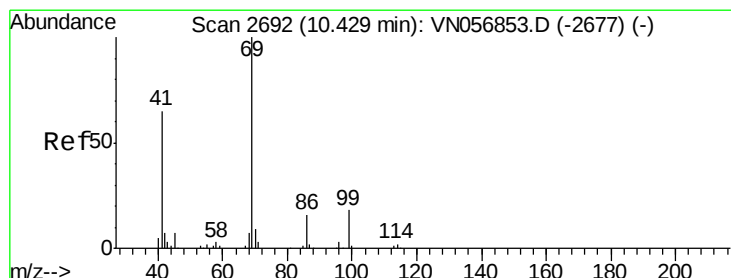
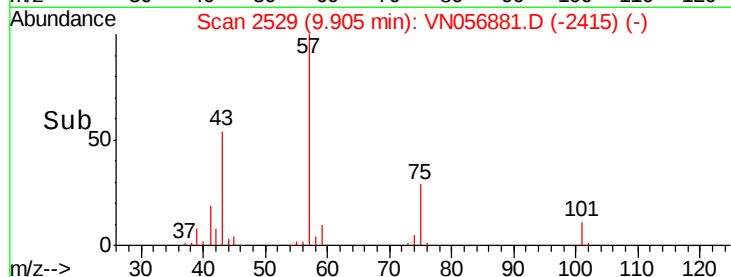
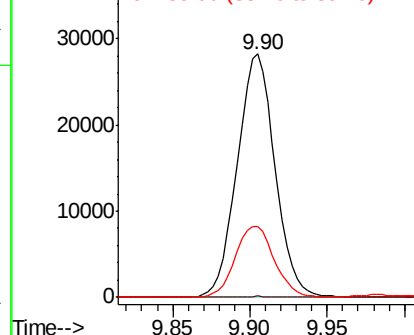
75 100

77 0.6 25.1 37.7#

39 29.3 33.4 50.2#



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 76.90 (76.60 to 77.60): VNO
Ion 39.00 (38.70 to 39.70): VNO



#56

Ethyl methacrylate

Concen: 0.234 ug/l

RT: 10.54 min Scan# 2727

Delta R.T. 0.11 min

Lab File: VN056881.D

Acq: 23 Jul 2019 16:14

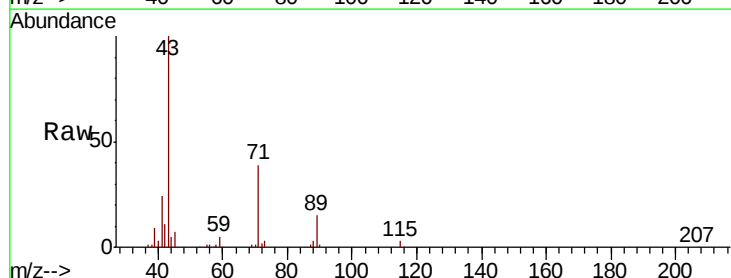
Tgt Ion: 69 Resp: 999

Ion Ratio Lower Upper

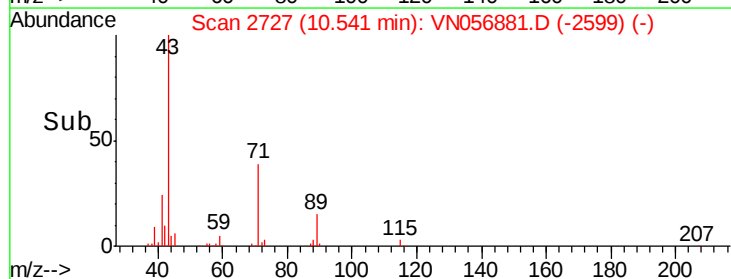
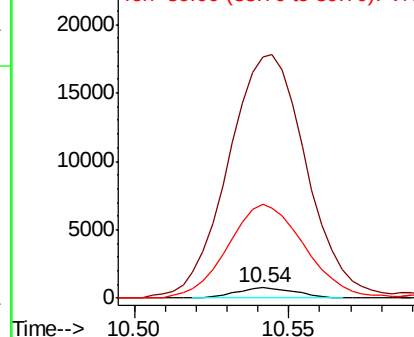
69 100

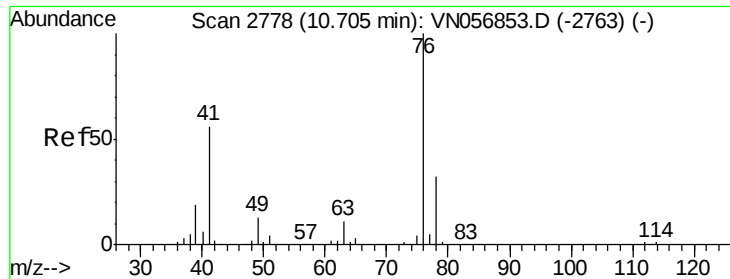
41 3173.6 51.0 76.6#

39 1189.7 24.5 36.7#



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





#57

1,3-Dichloropropane

Concen: 2.031 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN056881.D

Acq: 23 Jul 2019 16:14

Instrument :

MSVOA_N

ClientSampleId :

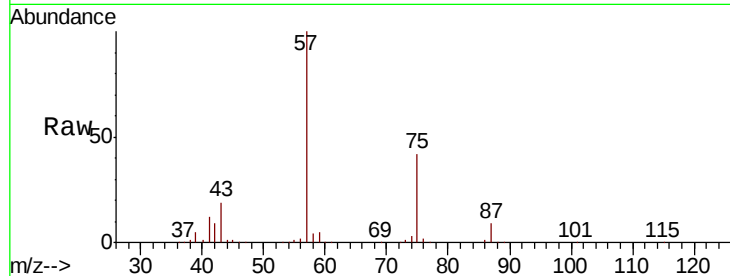
PB121628ZHE#02

Tot Ion: 76 Resp: 10336

Ion Ratio Lower Upper

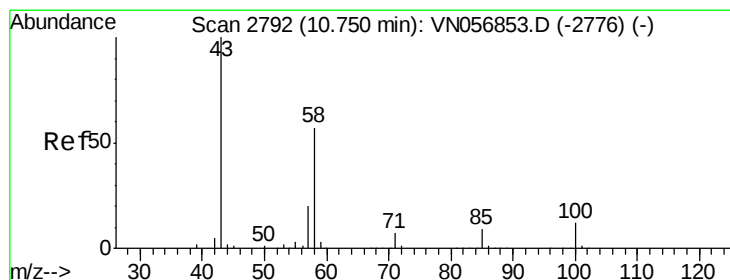
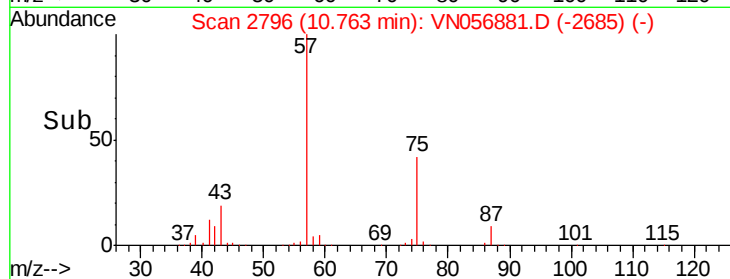
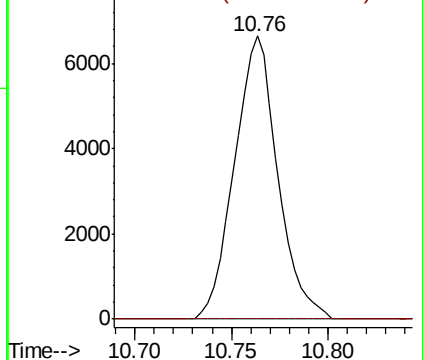
76 100

78 0.0 25.8 38.6#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#59

2-Hexanone

Concen: 58.278 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN056881.D

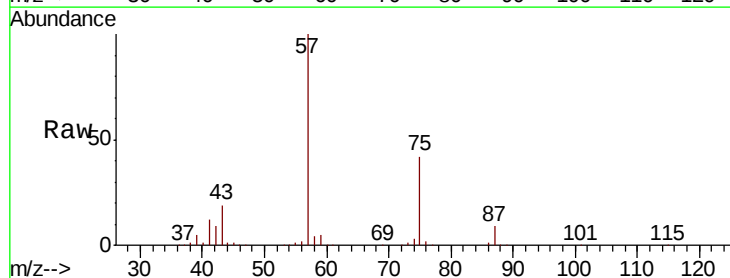
Acq: 23 Jul 2019 16:14

Tgt Ion: 43 Resp: 138223

Ion Ratio Lower Upper

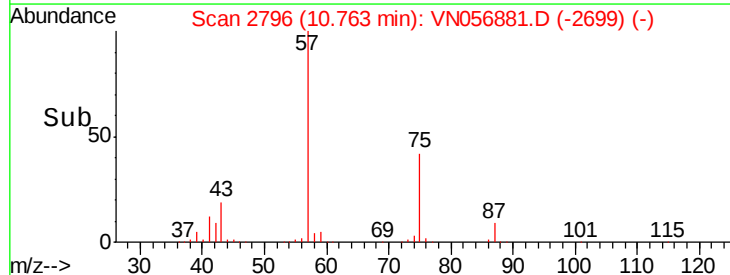
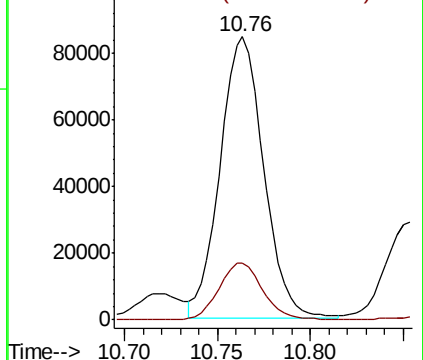
43 100

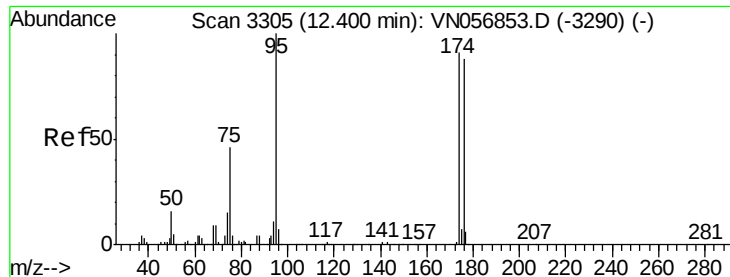
58 20.3 28.3 85.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 60.205 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056881.D

Acq: 23 Jul 2019 16:14

Instrument :

MSVOA_N

ClientSampleId :

PB121628ZHE#02

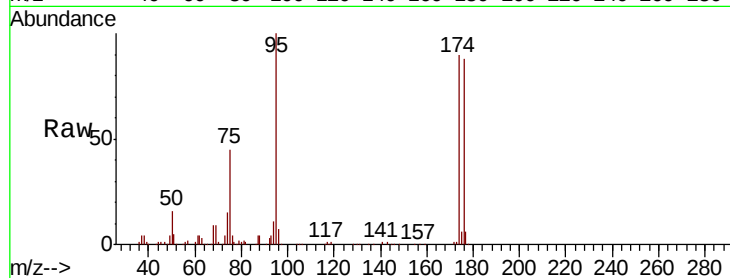
Tot Ion: 95 Resp: 214728

Ion Ratio Lower Upper

95 100

174 91.0 0.0 183.4

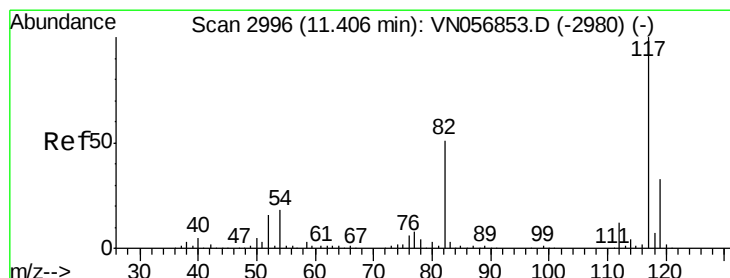
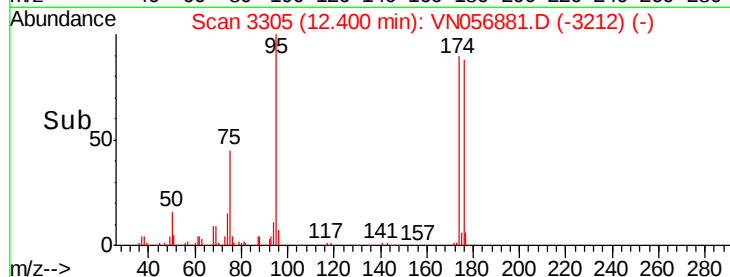
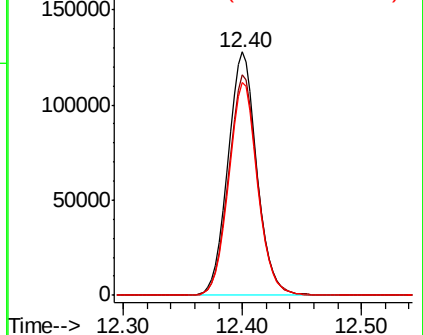
176 87.3 0.0 175.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN056881.D

Acq: 23 Jul 2019 16:14

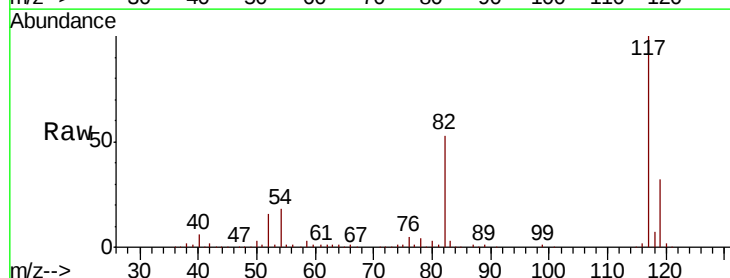
Tgt Ion: 117 Resp: 501963

Ion Ratio Lower Upper

117 100

82 53.3 41.2 61.8

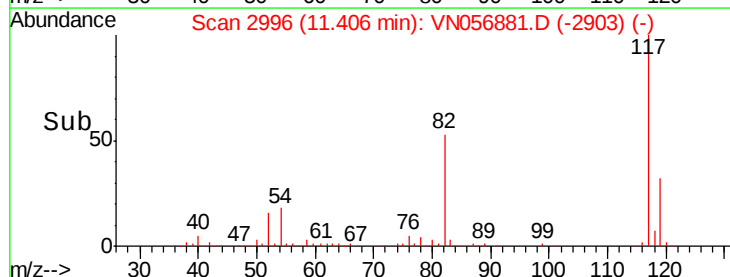
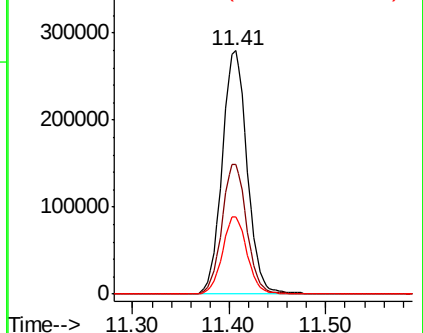
119 32.0 26.4 39.6

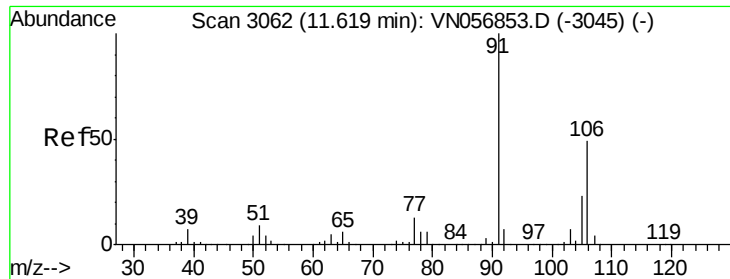


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

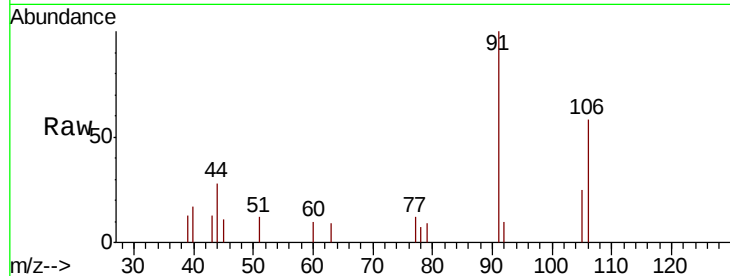




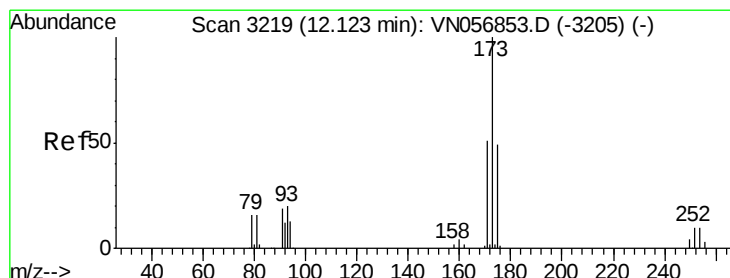
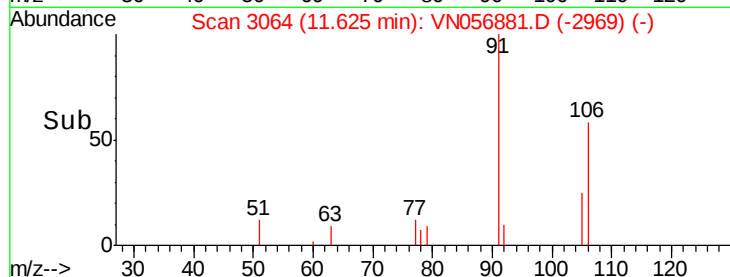
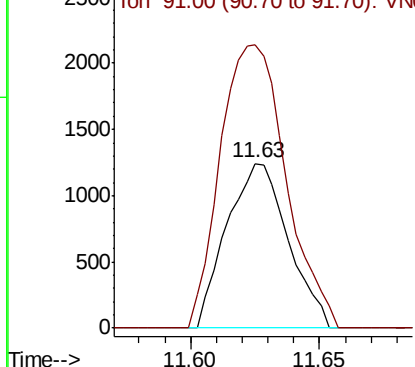
#68
m/p-Xvlenes
Concen: 0.306 ug/l
RT: 11.63 min Scan# 3064
Delta R.T. 0.01 min
Lab File: VN056881.D
Acq: 23 Jul 2019 16:14

Instrument :
MSVOA_N
ClientSampleId :
PB121628ZHE#02

Tot Ion:106 Resp: 2061
Ion Ratio Lower Upper
106 100
91 184.6 160.5 240.7

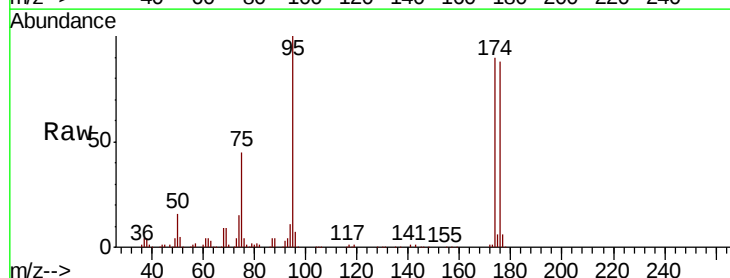


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

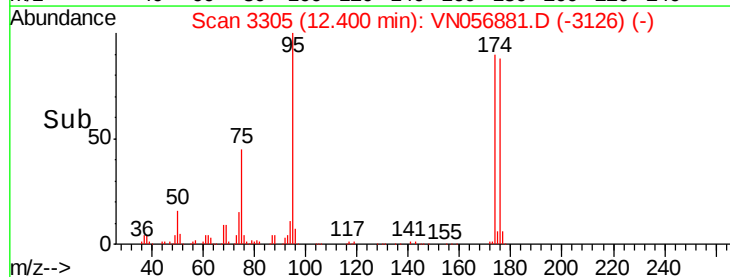
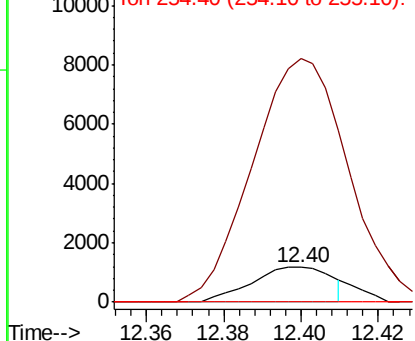


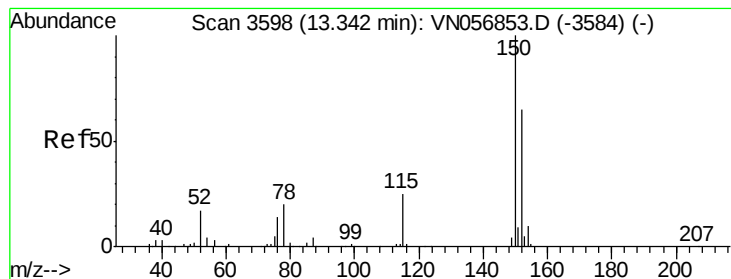
#71
Bromoform
Concen: 0.616 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.28 min
Lab File: VN056881.D
Acq: 23 Jul 2019 16:14

Tgt Ion:173 Resp: 1680
Ion Ratio Lower Upper
173 100
175 708.5 24.1 72.3#
254 0.0 0.0 0.0



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: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN056881.D

Acq: 23 Jul 2019 16:14

Instrument :

MSVOA_N

ClientSampleId :

PB121628ZHE#02

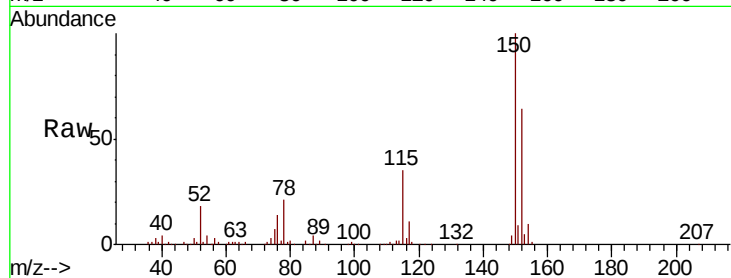
Tot Ion:152 Resp: 175821

Ion Ratio Lower Upper

152 100

115 54.9 27.6 82.7

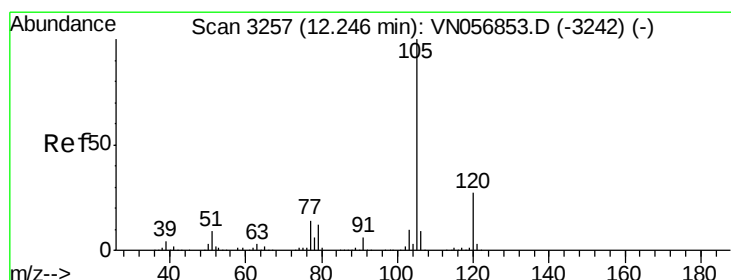
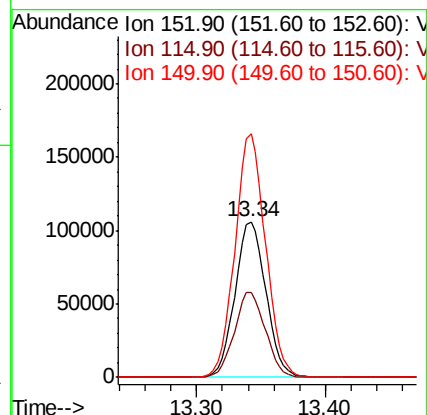
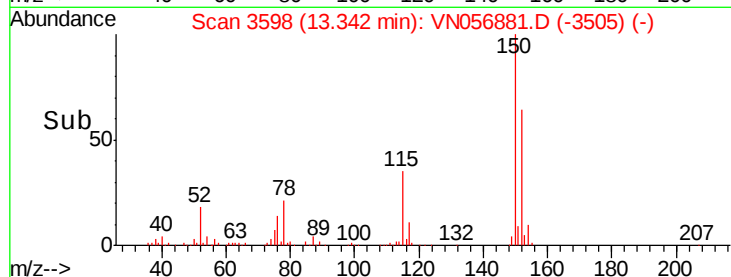
150 155.3 0.0 343.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: Below Cal

RT: 12.40 min Scan# 3304

Delta R.T. 0.15 min

Lab File: VN056881.D

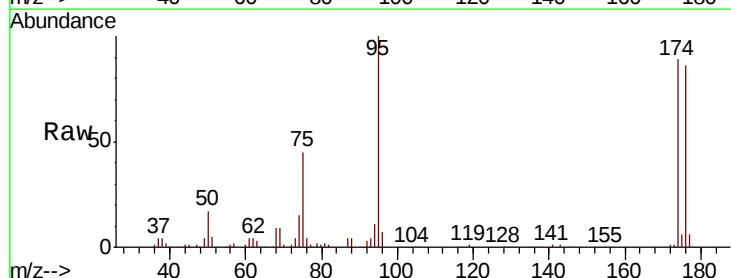
Acq: 23 Jul 2019 16:14

Tgt Ion:105 Resp: 140

Ion Ratio Lower Upper

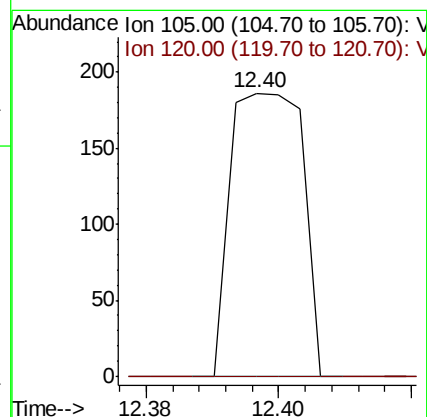
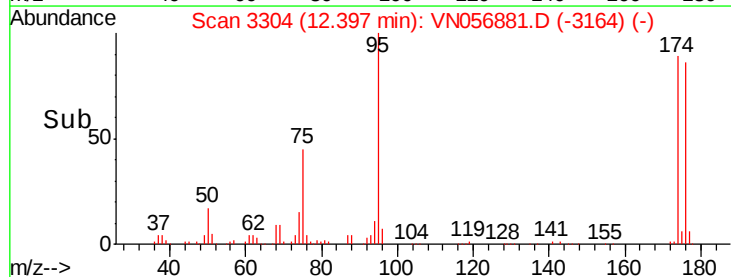
105 100

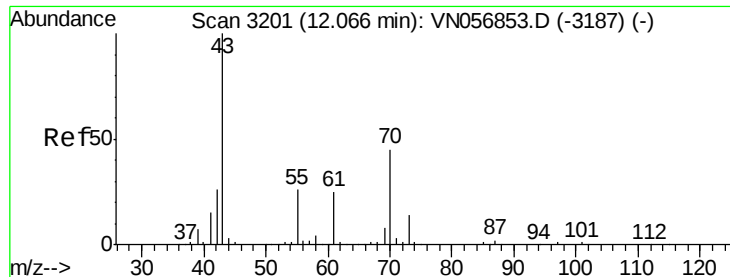
120 0.0 13.4 40.2#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 2.574 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN056881.D

Acq: 23 Jul 2019 16:14

Instrument :

MSVOA_N

ClientSampleId :

PB121628ZHE#02

Tot Ion: 43 Resp: 13290

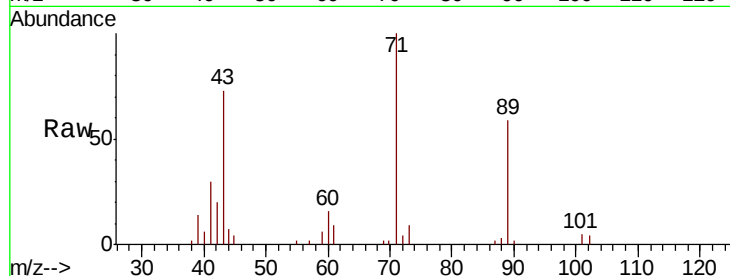
Ion Ratio Lower Upper

43 100

70 2.4 35.3 52.9#

55 4.0 20.6 31.0#

61 11.0 20.2 30.2#

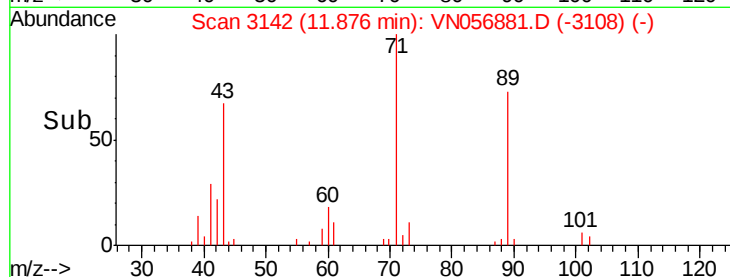


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

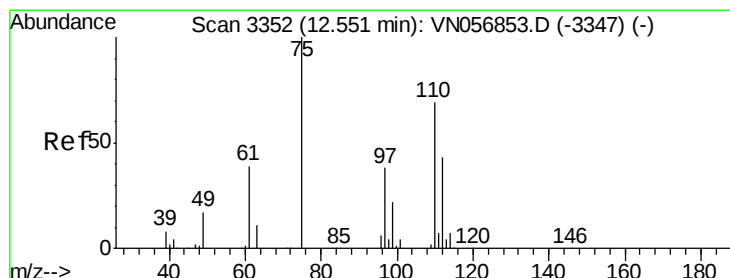
Ion 61.00 (60.70 to 61.70): VN0



Abundance

Time-->

11.80 11.85 11.90 11.95



#76

1,2,3-Trichloropropane

Concen: 26.927 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056881.D

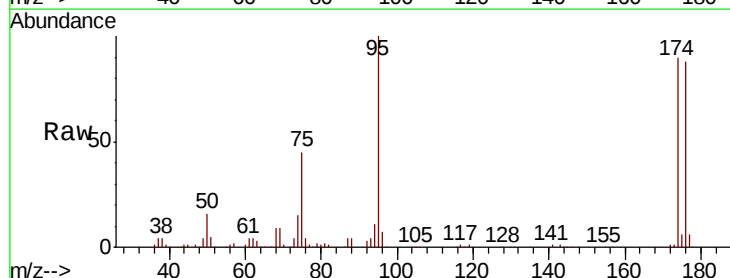
Acq: 23 Jul 2019 16:14

Tgt Ion: 75 Resp: 98115

Ion Ratio Lower Upper

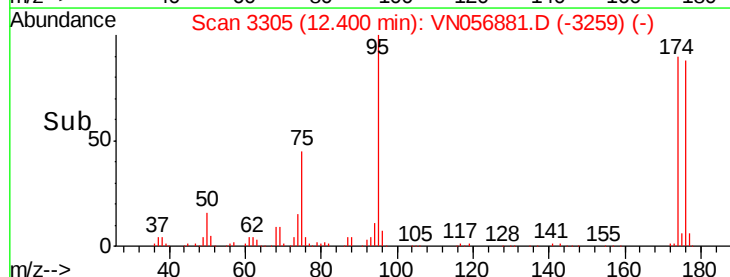
75 100

77 1.1 0.0 0.0#



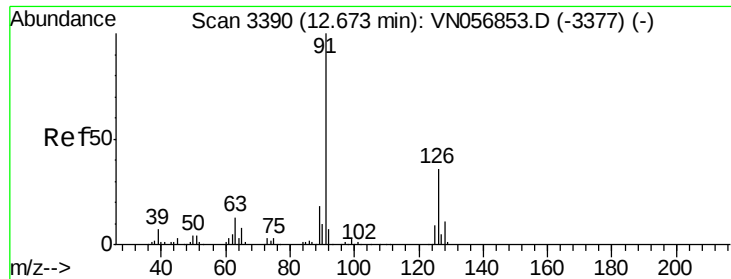
Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



Time-->

12.40 12.50



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.74 min Scan# 3411

Delta R.T. 0.07 min

Lab File: VN056881.D

Acq: 23 Jul 2019 16:14

Instrument :

MSVOA_N

ClientSampleId :

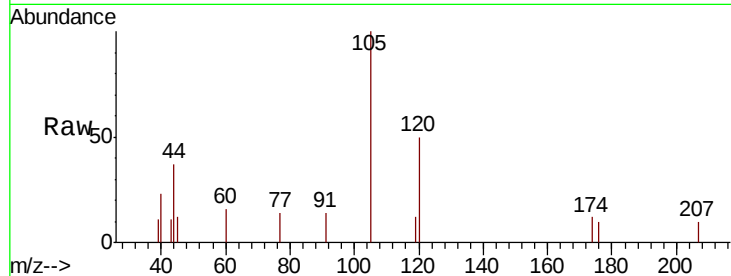
PB121628ZHE#02

Tot Ion: 91 Resp: 254

Ion Ratio Lower Upper

91 100

126 0.0 17.8 53.5#



Abundance Ion 91.00 (90.70 to 91.70): VN056881.D (-3411) (-)

Ion 125.90 (125.60 to 126.60): VN056881.D (-3411) (-)

12.74

200

150

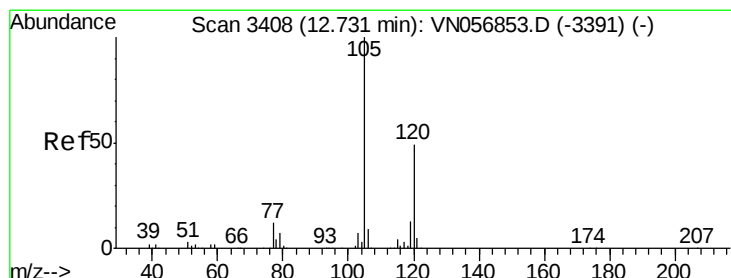
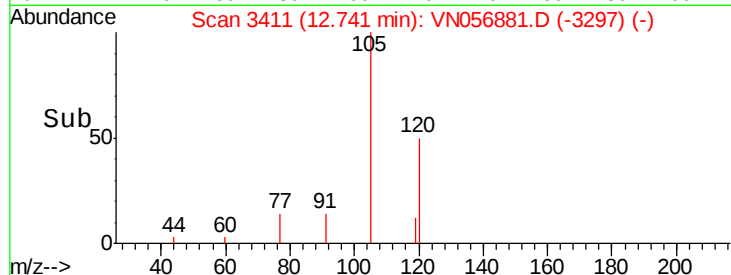
100

50

0

12.72 12.74 12.76

Time-->



#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN056881.D

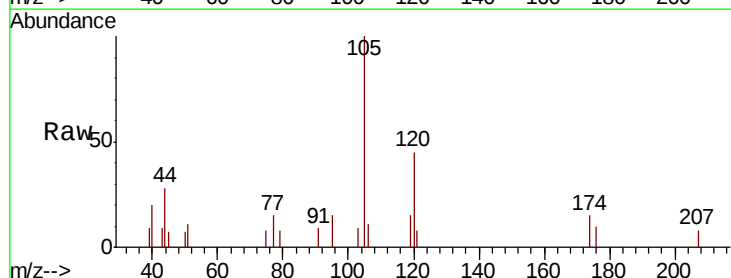
Acq: 23 Jul 2019 16:14

Tgt Ion: 105 Resp: 3721

Ion Ratio Lower Upper

105 100

120 49.0 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): VN056881.D (-3407) (-)

Ion 120.00 (119.70 to 120.70): VN056881.D (-3407) (-)

12.73

2500

2000

1500

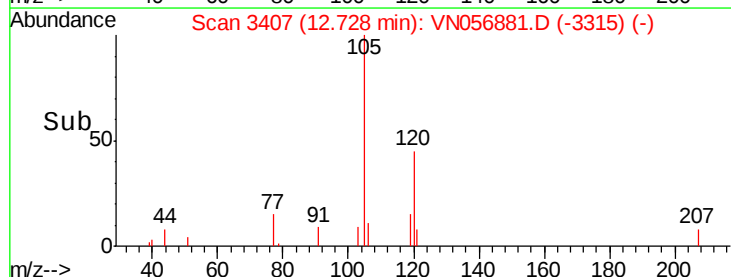
1000

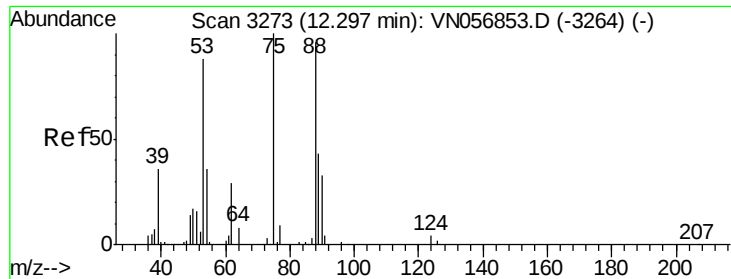
500

0

12.70 12.75

Time-->

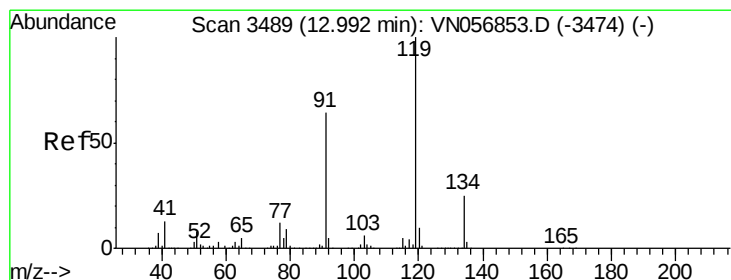
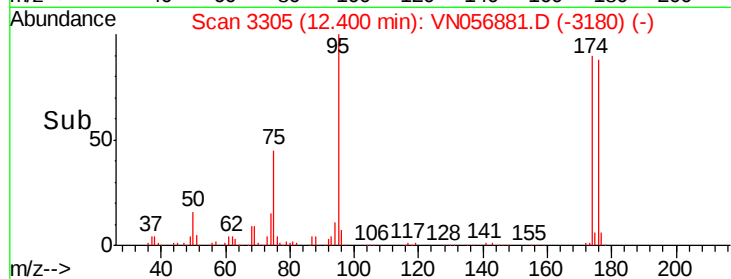
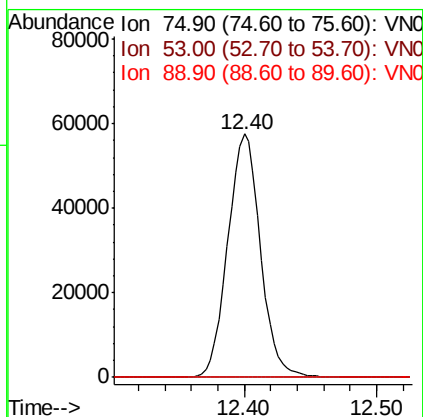
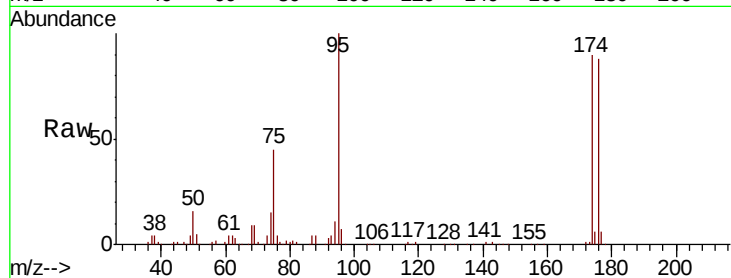




#81
trans-1,4-Dichloro-2-butene
Concen: 86.242 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN056881.D
Acq: 23 Jul 2019 16:14

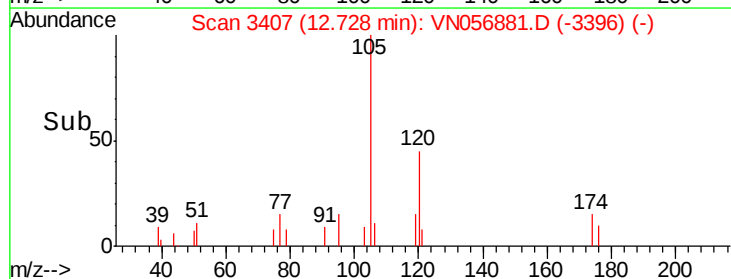
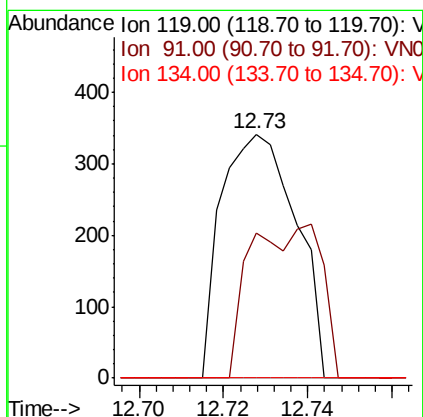
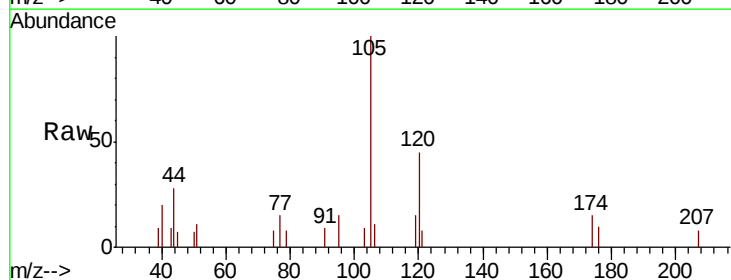
Instrument :
MSVOA_N
ClientSampleId :
PB121628ZHE#02

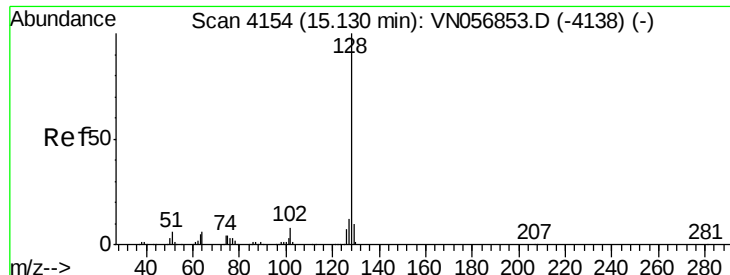
Tot Ion: 75 Resp: 98115
Ion Ratio Lower Upper
75 100
53 0.0 72.3 108.5#
89 0.0 36.2 54.4#



#83
tert-Butylbenzene
Concen: Below Cal
RT: 12.73 min Scan# 3407
Delta R.T. -0.26 min
Lab File: VN056881.D
Acq: 23 Jul 2019 16:14

Tgt Ion: 119 Resp: 421
Ion Ratio Lower Upper
119 100
91 60.3 31.5 94.5
134 0.0 12.2 36.6#





#95

Naphthalene

Concen: 3.649 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. -0.00 min

Lab File: VN056881.D

Acq: 23 Jul 2019 16:14

Instrument :

MSVOA_N

ClientSampleId :

PB121628ZHE#02

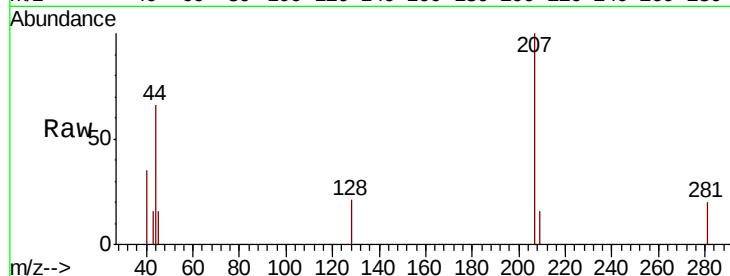
Tot Ion:128 Resp: 216

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.2#

129 0.0 8.5 12.7#



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

