

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072319\
 Data File : VN056876.D
 Acq On : 23 Jul 2019 14:12
 Operator : JC/SP
 Sample : K3621-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OK-02-071919

Quant Time: Jul 24 01:14:51 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	242351	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	446638	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	504701	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	167202	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	143837	55.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.28%	
35) Dibromofluoromethane	7.59	113	133282	47.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.16%	
50) Toluene-d8	10.09	98	574208	53.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.04%	
62) 4-Bromofluorobenzene	12.40	95	211266	59.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.22%	

Target Compounds

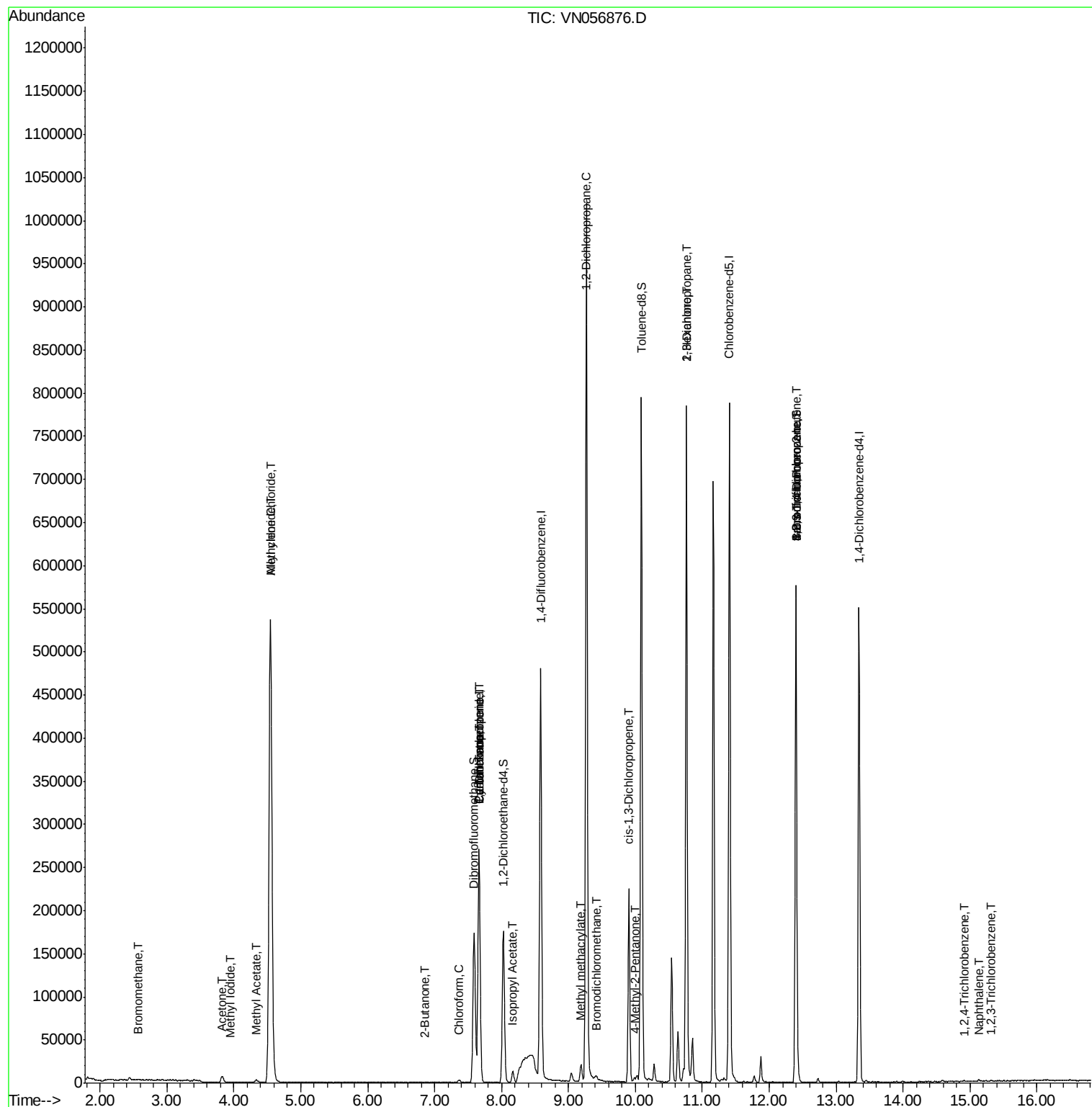
						Qvalue
5) Bromomethane	2.57	94	722	0.382	ug/l #	65
10) Methyl Iodide	3.94	142	279	0.210	ug/l #	72
14) Allyl chloride	4.54	41	15836	4.096	ug/l #	28
16) Acetone	3.82	43	12377	13.296	ug/l	94
18) Methyl Acetate	4.33	43	6210	0.205	ug/l	94
20) Methylene Chloride	4.55	84	423616	152.188	ug/l	98
25) 2-Butanone	6.85	43	922	0.674	ug/l #	48
30) Chloroform	7.37	83	3915	0.862	ug/l	95
31) Cyclohexane	7.66	56	3928	0.894	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	15447	3.750	ug/l #	48
38) Carbon Tetrachloride	7.66	117	20783	5.300	ug/l #	17
43) Isopropyl Acetate	8.17	43	15954	2.794	ug/l #	93
45) 1,2-Dichloropropane	9.27	63	1198	0.348	ug/l #	43
47) Bromodichloromethane	9.40	83	804	0.201	ug/l #	95
48) Methyl methacrylate	9.18	41	7430	2.601	ug/l #	13
51) 4-Methyl-2-Pentanone	9.98	43	3490	1.025	ug/l	91
54) cis-1,3-Dichloropropene	9.90	75	41531	8.579	ug/l #	65
57) 1,3-Dichloropropane	10.76	76	8194	1.620	ug/l #	42
59) 2-Hexanone	10.76	43	110442	46.857	ug/l #	51
71) Bromoform	12.40	173	1652	0.603	ug/l #	1
73) Isopropylbenzene	12.24	105	95	Below Cal	#	48
76) 1,2,3-Trichloropropane	12.40	75	98585	28.450	ug/l #	100
79) 2-Chlorotoluene	12.68	91	125	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	12.73	105	2389	Below Cal		100
81) trans-1,4-Dichloro-2-buten	12.40	75	98585	91.122	ug/l #	13
83) tert-Butylbenzene	12.73	119	251	Below Cal	#	39
93) 1,2,4-Trichlorobenzene	14.91	180	294	4.215	ug/l	72
95) Naphthalene	15.13	128	2609	3.923	ug/l #	76
96) 1,2,3-Trichlorobenzene	15.31	180	572	2.639	ug/l #	85

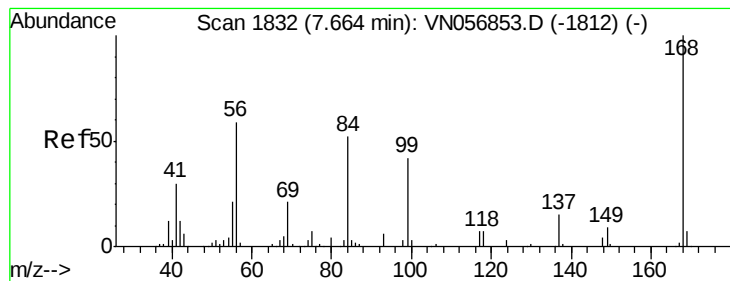
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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: VN056876.D

Acq: 23 Jul 2019 14:12

Instrument :

MSVOA_N

ClientSampleId :

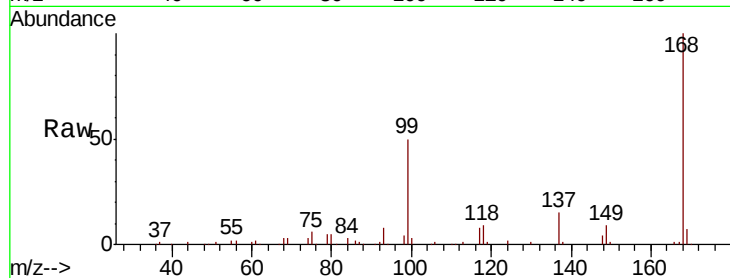
OK-02-071919

Tot Ion:168 Resp: 242351

Ion Ratio Lower Upper

168 100

99 49.6 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

100000

80000

60000

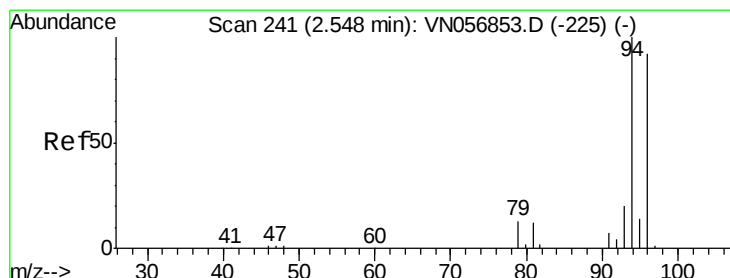
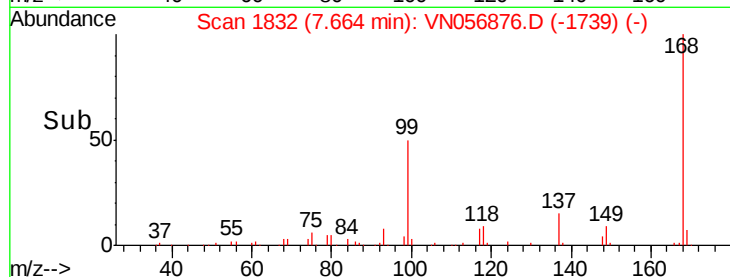
40000

20000

0

Time-->

7.60 7.70 7.80



#5

Bromomethane

Concen: 0.382 ug/l

RT: 2.57 min Scan# 247

Delta R.T. 0.02 min

Lab File: VN056876.D

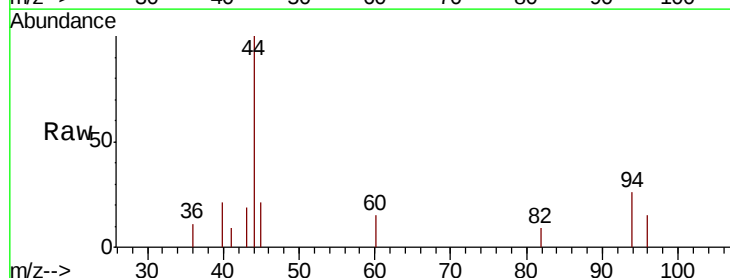
Acq: 23 Jul 2019 14:12

Tgt Ion: 94 Resp: 722

Ion Ratio Lower Upper

94 100

96 58.6 73.6 110.4#



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.57

500

400

300

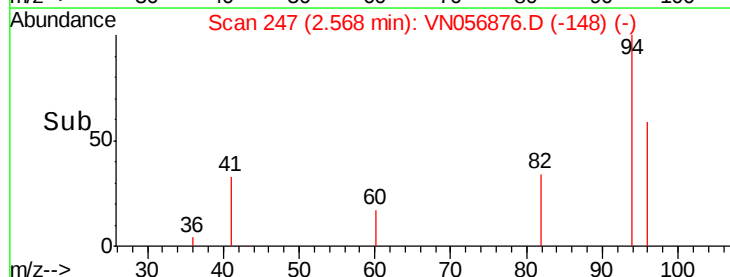
200

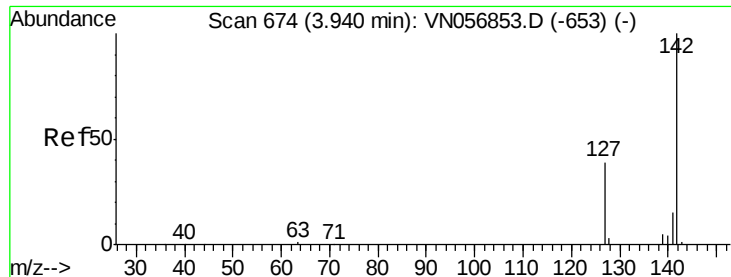
100

0

Time-->

2.54 2.56 2.58 2.60

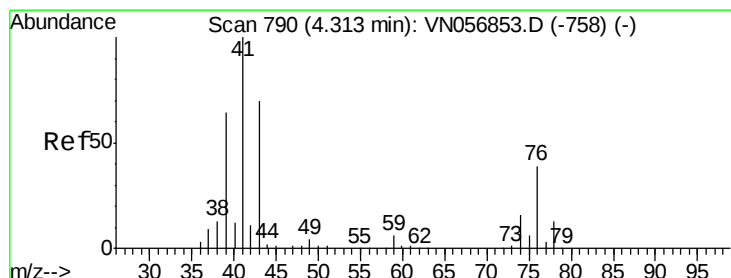
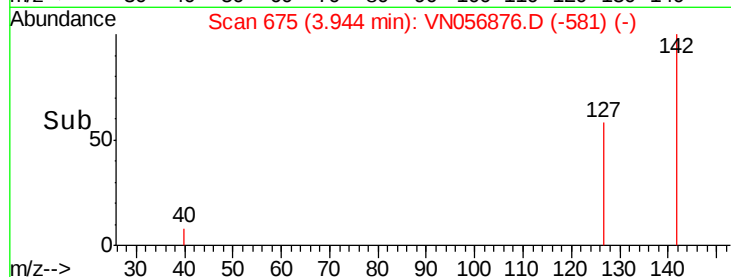
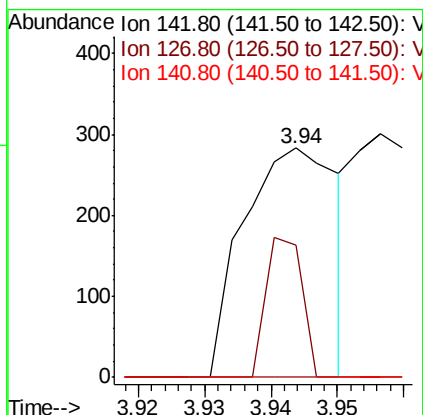
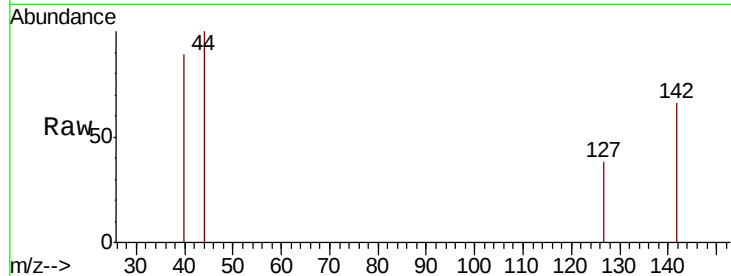




#10
Methvl Iodide
Concen: 0.210 ug/l
RT: 3.94 min Scan# 675
Delta R.T. 0.00 min
Lab File: VN056876.D
Acq: 23 Jul 2019 14:12

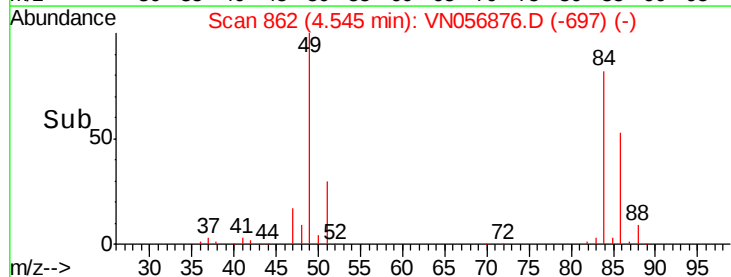
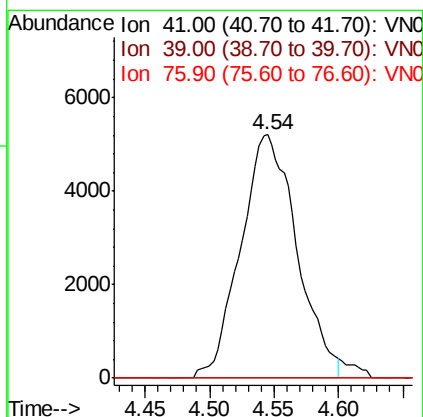
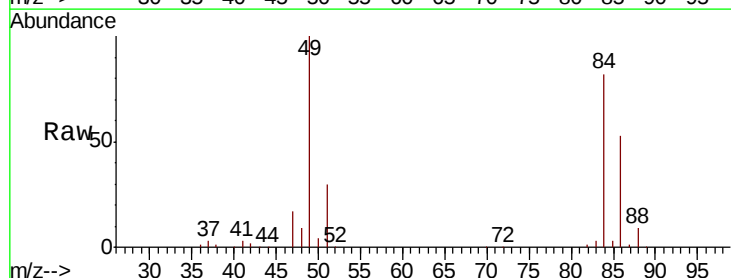
Instrument :
MSVOA_N
ClientSampleId :
OK-02-071919

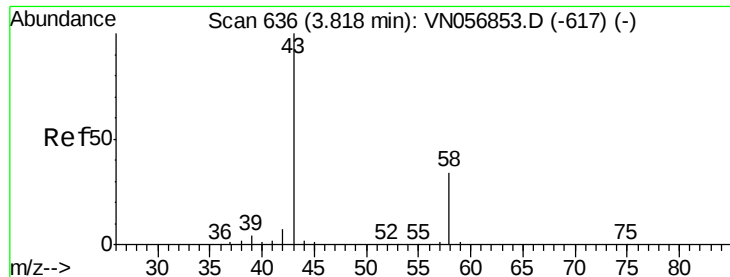
Tot Ion:142 Resp: 279
Ion Ratio Lower Upper
142 100
127 23.3 31.2 46.8#
141 0.0 11.4 17.2#



#14
Allyl chloride
Concen: 4.096 ug/l
RT: 4.54 min Scan# 862
Delta R.T. 0.23 min
Lab File: VN056876.D
Acq: 23 Jul 2019 14:12

Tgt Ion: 41 Resp: 15836
Ion Ratio Lower Upper
41 100
39 0.0 47.8 71.6#
76 0.0 27.9 41.9#





#16

Acetone

Concen: 13.296 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056876.D

Acq: 23 Jul 2019 14:12

Instrument :

MSVOA_N

ClientSampleId :

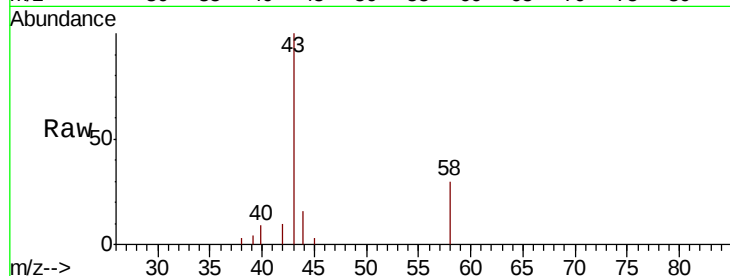
OK-02-071919

Tot Ion: 43 Resp: 12377

Ion Ratio Lower Upper

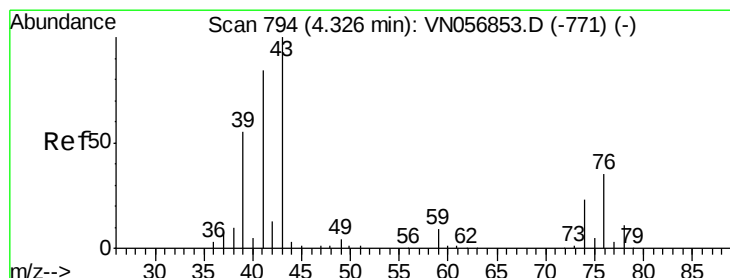
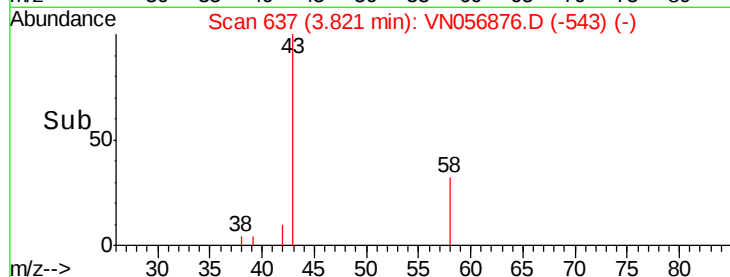
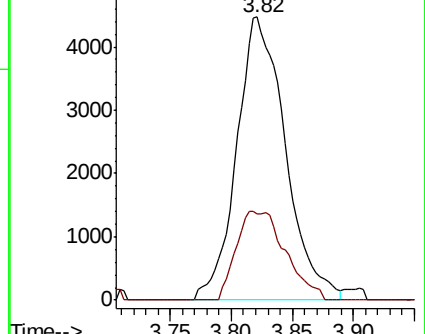
43 100

58 30.5 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: 0.205 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.01 min

Lab File: VN056876.D

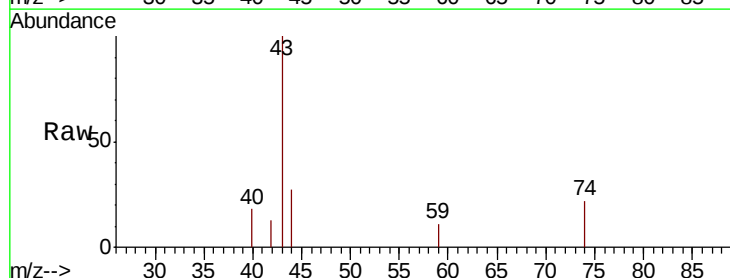
Acq: 23 Jul 2019 14:12

Tgt Ion: 43 Resp: 6210

Ion Ratio Lower Upper

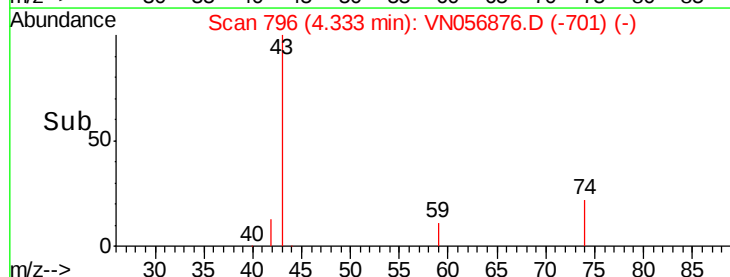
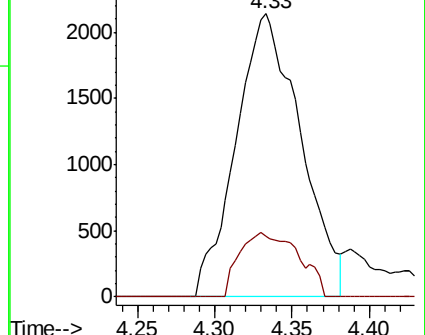
43 100

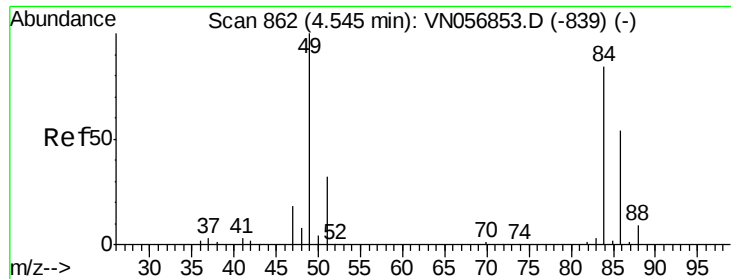
74 20.7 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

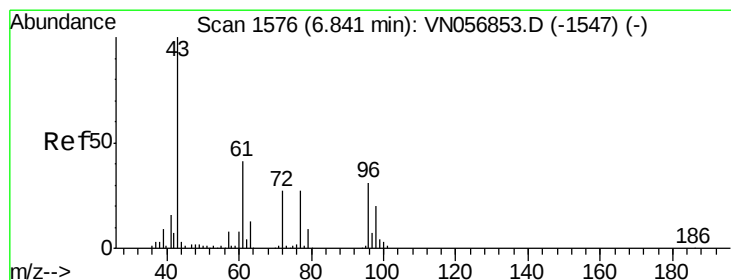
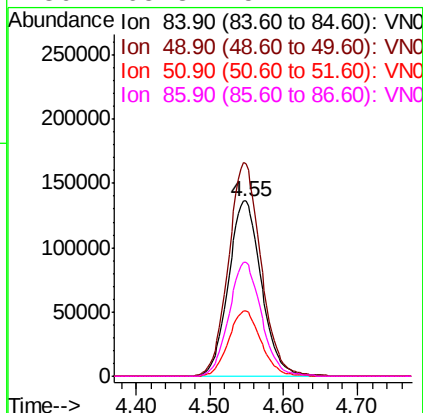
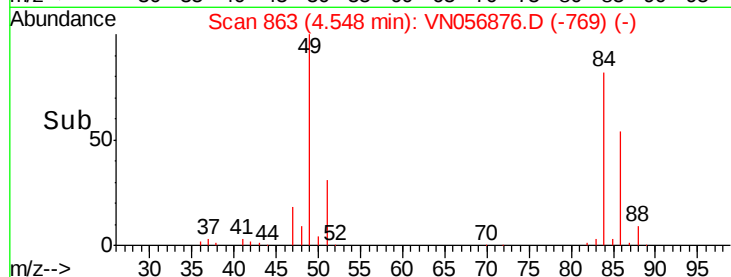
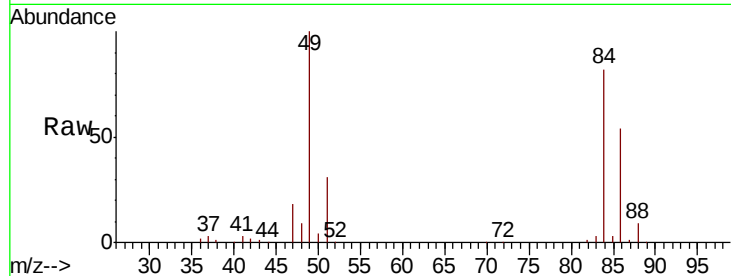




#20
Methvlene Chloride
Concen: 152.188 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN056876.D
Acq: 23 Jul 2019 14:12

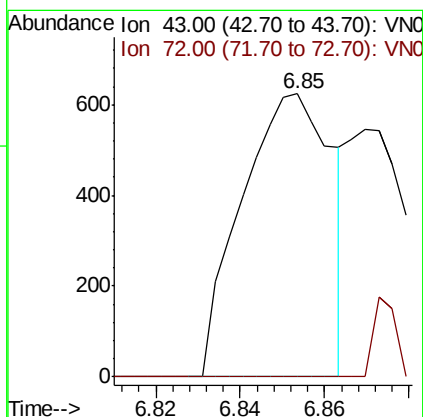
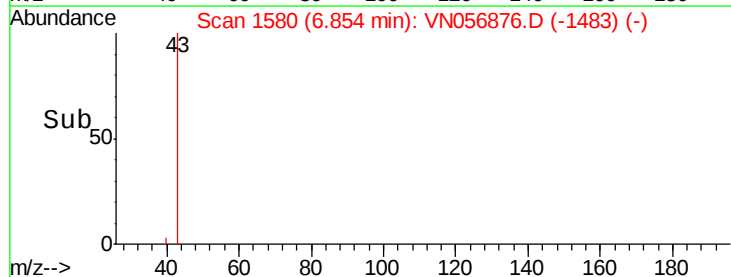
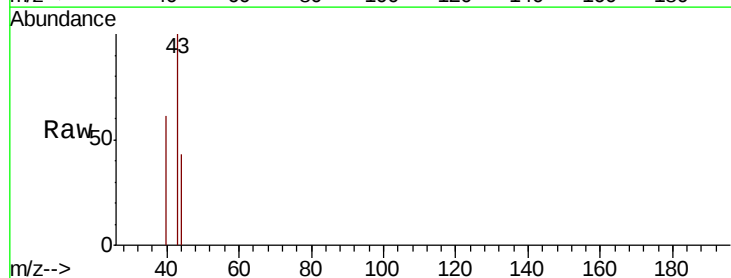
Instrument :
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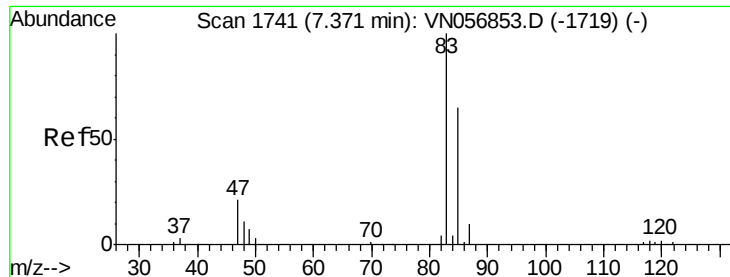
Tot Ion:	84	Resp:	423616
Ion	Ratio	Lower	Upper
84	100		
49	121.6	94.9	142.3
51	37.2	29.9	44.9
86	65.3	51.4	77.2



#25
2-Butanone
Concen: 0.674 ug/l
RT: 6.85 min Scan# 1580
Delta R.T. 0.01 min
Lab File: VN056876.D
Acq: 23 Jul 2019 14:12

Tgt Ion:	43	Resp:	922
Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.5	32.3#

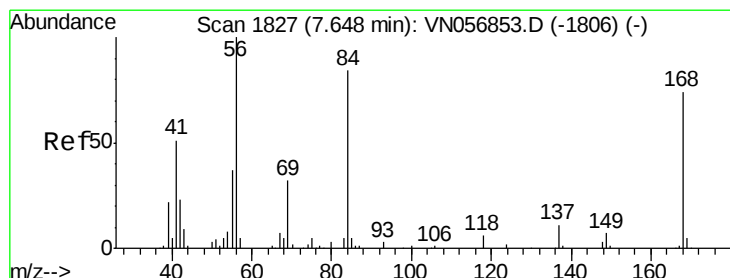
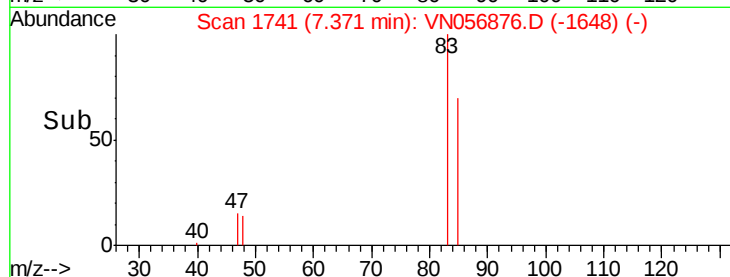
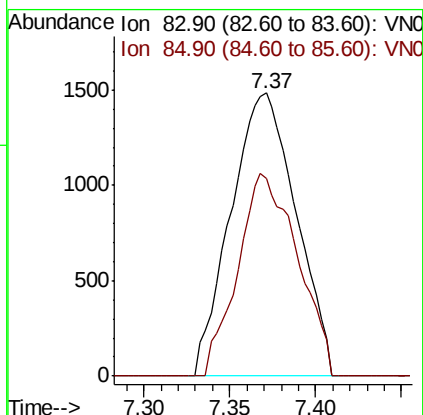
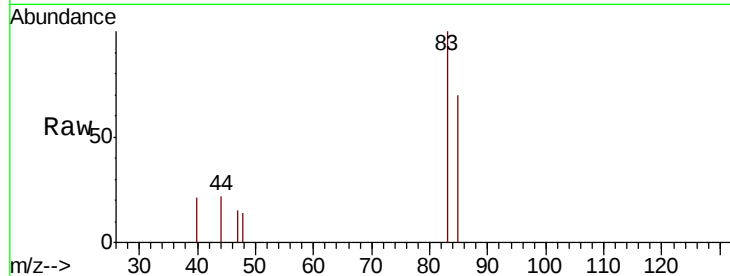




#30
Chloroform
Concen: 0.862 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN056876.D
Acq: 23 Jul 2019 14:12

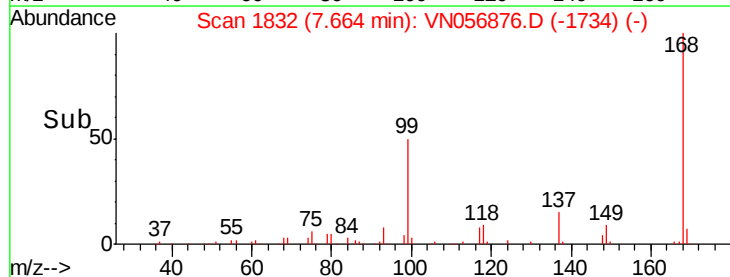
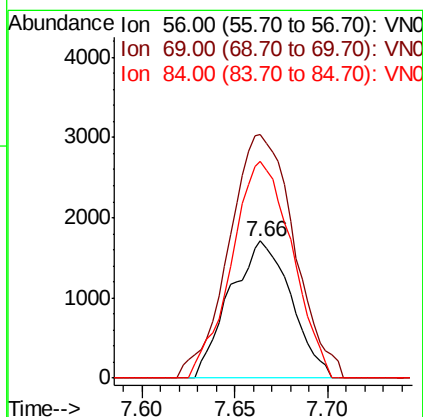
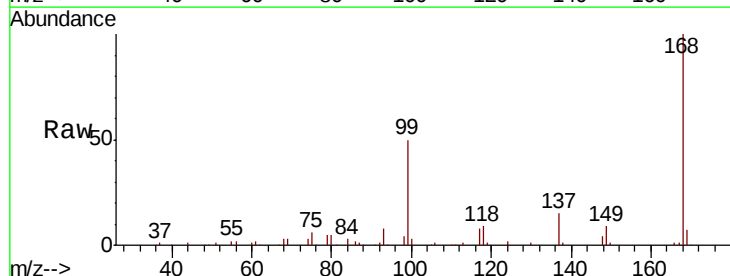
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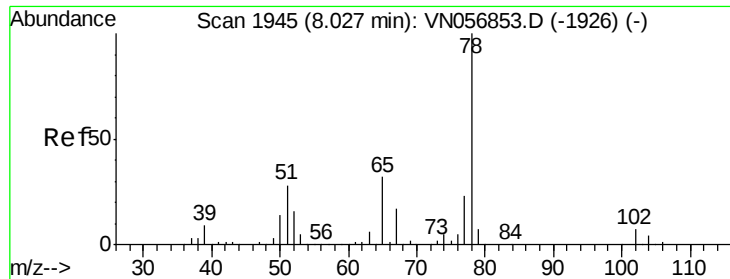
Tot Ion: 83 Resp: 3915
Ion Ratio Lower Upper
83 100
85 69.7 52.3 78.5



#31
Cyclohexane
Concen: 0.894 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.02 min
Lab File: VN056876.D
Acq: 23 Jul 2019 14:12

Tgt Ion: 56 Resp: 3928
Ion Ratio Lower Upper
56 100
69 165.4 25.5 38.3#
84 158.6 67.3 100.9#





#33

1,2-Dichloroethane-d4

Concen: 55.642 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056876.D

Acq: 23 Jul 2019 14:12

Instrument :

MSVOA_N

ClientSampleId :

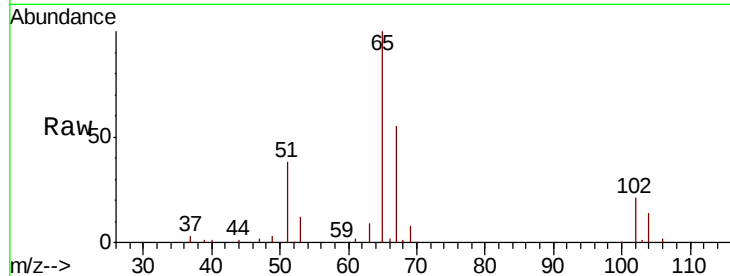
OK-02-071919

Tot Ion: 65 Resp: 143837

Ion Ratio Lower Upper

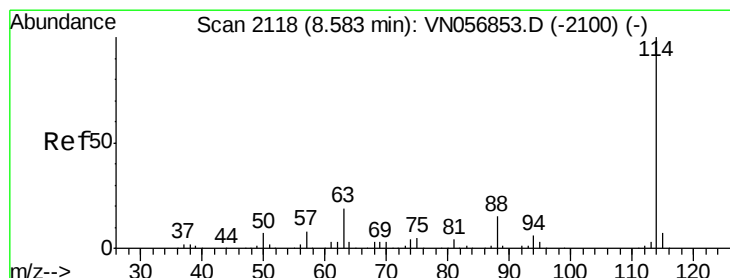
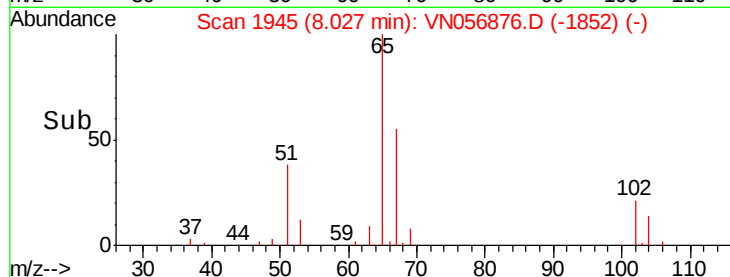
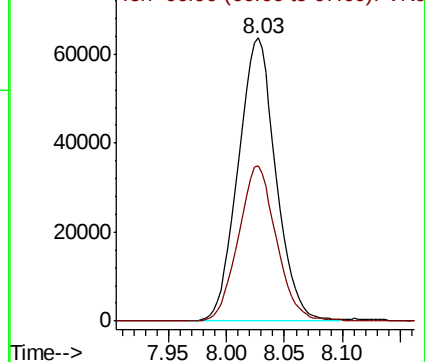
65 100

67 55.2 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VN056876.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN056876.D (-1852) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN056876.D

Acq: 23 Jul 2019 14:12

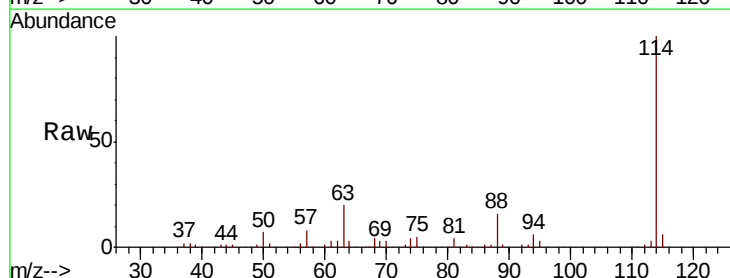
Tgt Ion: 114 Resp: 446638

Ion Ratio Lower Upper

114 100

63 19.6 0.0 37.8

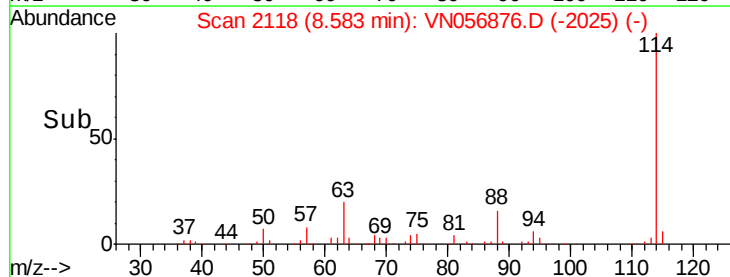
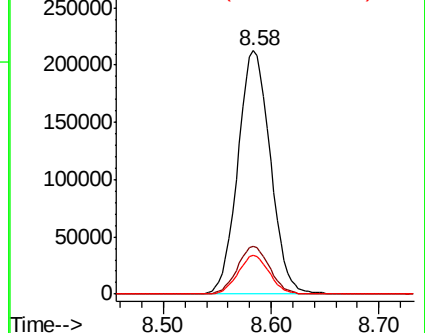
88 16.0 0.0 31.0

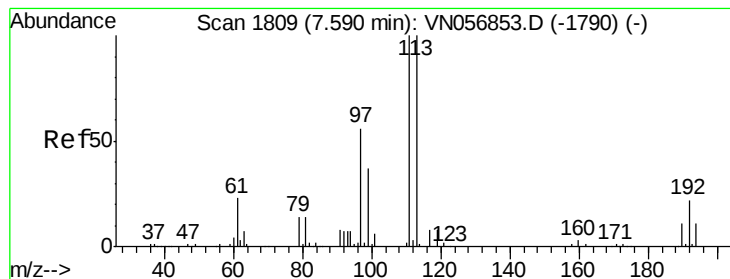


Abundance Ion 113.90 (113.60 to 114.60): VN056876.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN056876.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN056876.D (-2025) (-)





#35

Dibromofluoromethane

Concen: 47.080 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN056876.D

Acq: 23 Jul 2019 14:12

Instrument :

MSVOA_N

ClientSampleId :

OK-02-071919

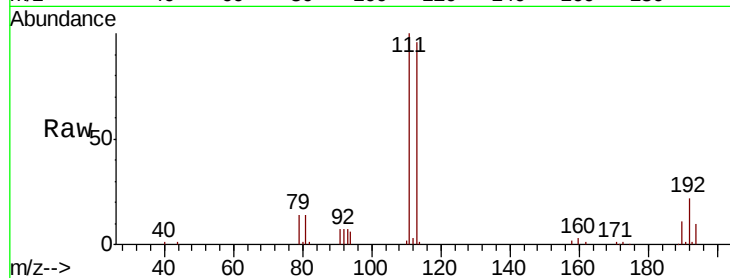
Tot Ion:113 Resp: 133282

Ion Ratio Lower Upper

113 100

111 103.9 81.9 122.9

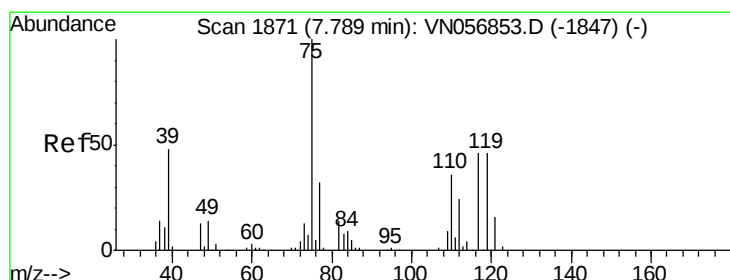
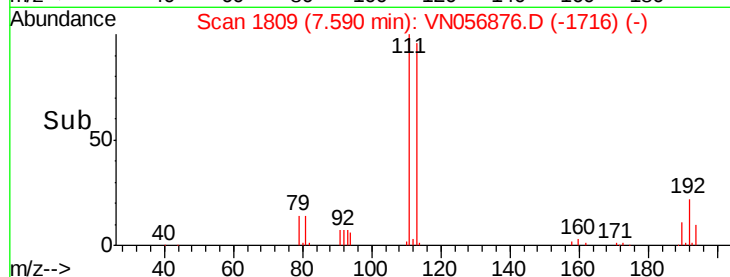
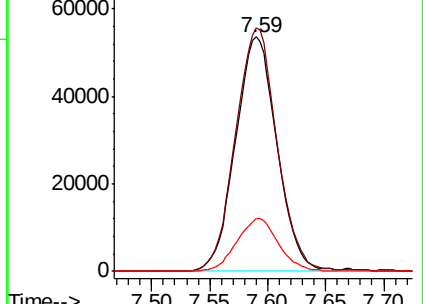
192 22.6 18.5 27.7



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: 3.750 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.12 min

Lab File: VN056876.D

Acq: 23 Jul 2019 14:12

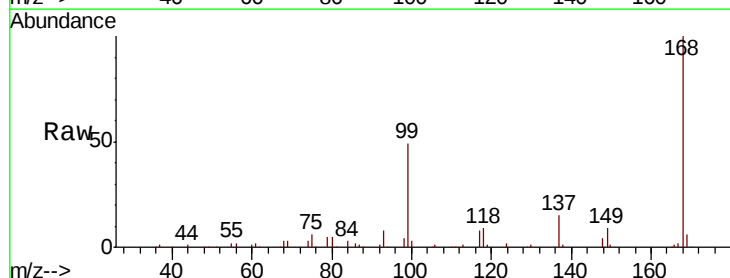
Tgt Ion: 75 Resp: 15447

Ion Ratio Lower Upper

75 100

110 7.4 17.9 53.7#

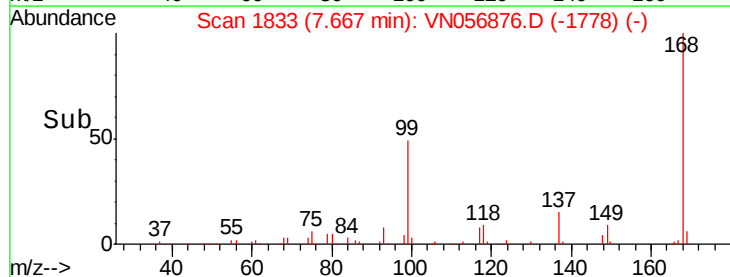
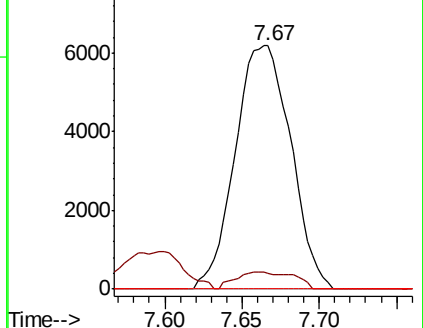
77 0.0 25.0 37.6#

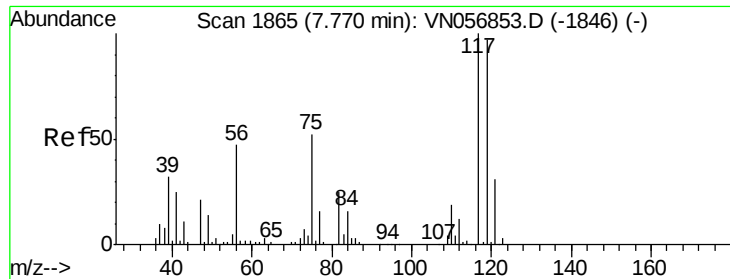


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

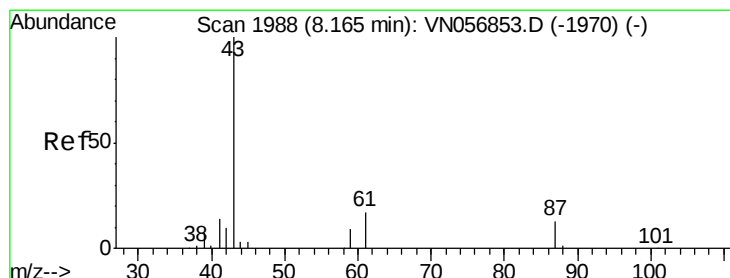
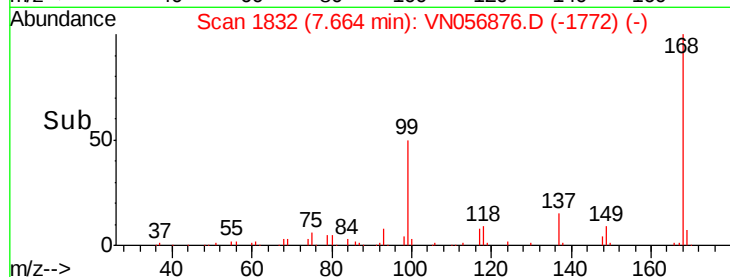
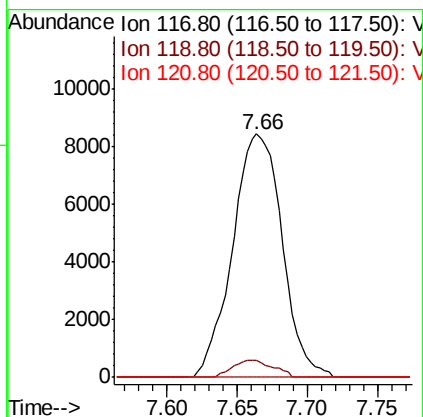
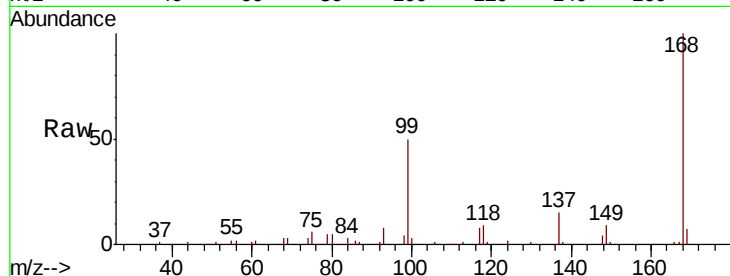




#38
Carbon Tetrachloride
Concen: 5.300 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN056876.D
Acq: 23 Jul 2019 14:12

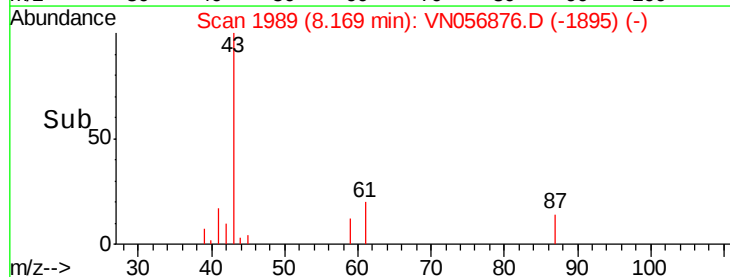
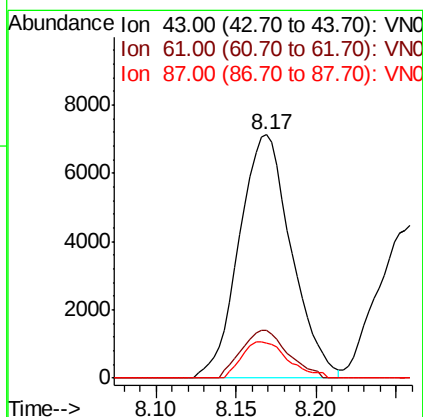
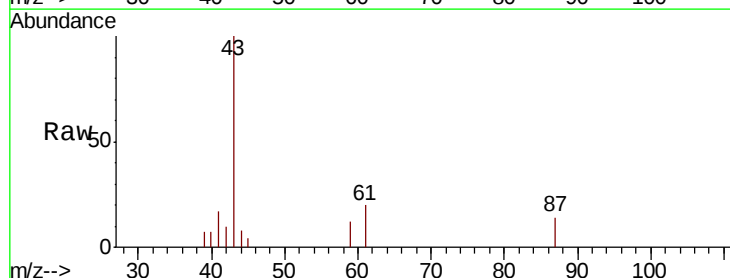
Instrument :
MSVOA_N
ClientSampleId :
OK-02-071919

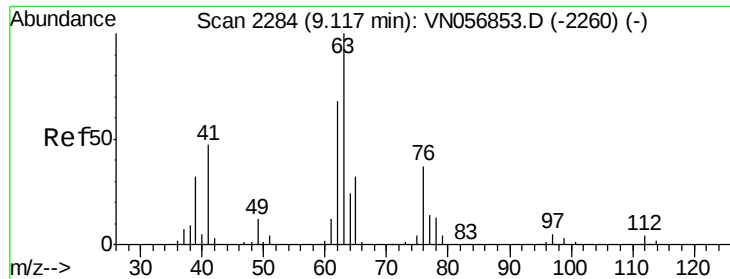
Tot Ion:117 Resp: 20783
Ion Ratio Lower Upper
117 100
119 7.0 77.2 115.8#
121 0.0 24.5 36.7#



#43
Isopropyl Acetate
Concen: 2.794 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN056876.D
Acq: 23 Jul 2019 14:12

Tgt Ion: 43 Resp: 15954
Ion Ratio Lower Upper
43 100
61 17.5 17.8 26.6#
87 13.2 11.0 16.4

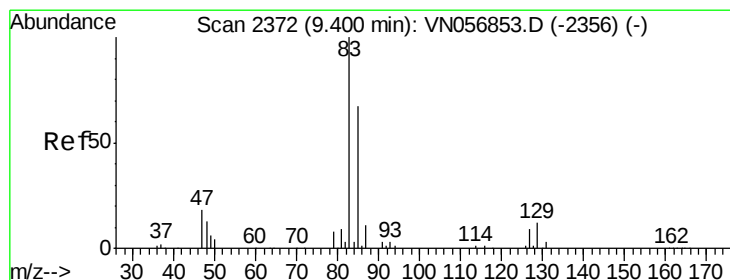
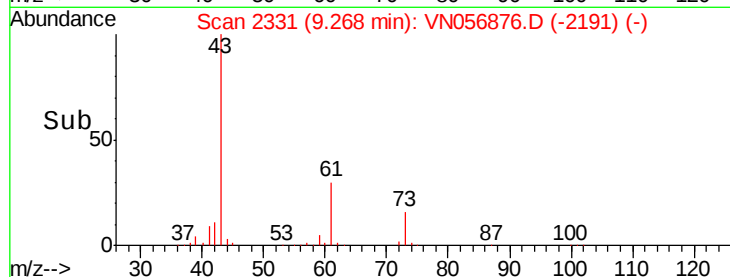
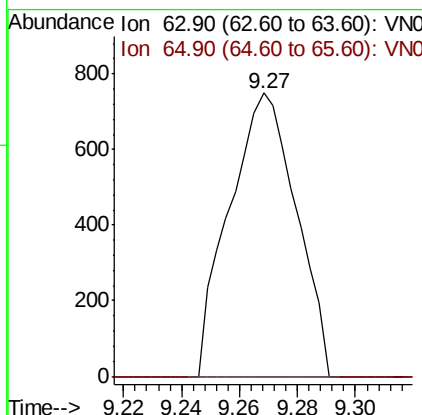
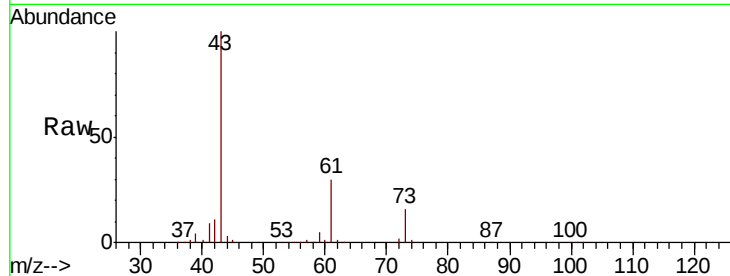




#45
 1,2-Dichloropropane
 Concen: 0.348 ug/l
 RT: 9.27 min Scan# 2331
 Delta R.T. 0.15 min
 Lab File: VN056876.D
 Acq: 23 Jul 2019 14:12

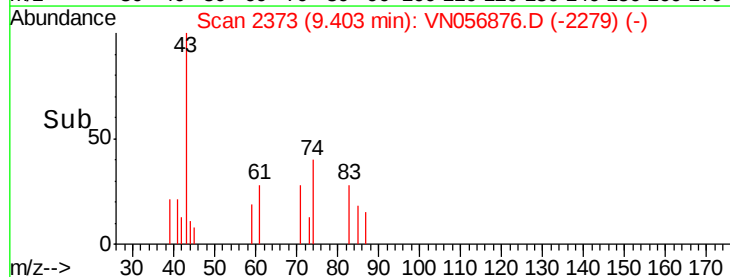
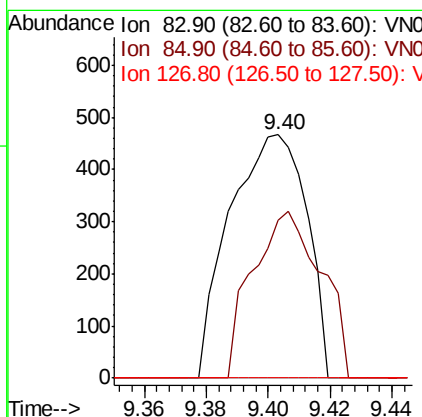
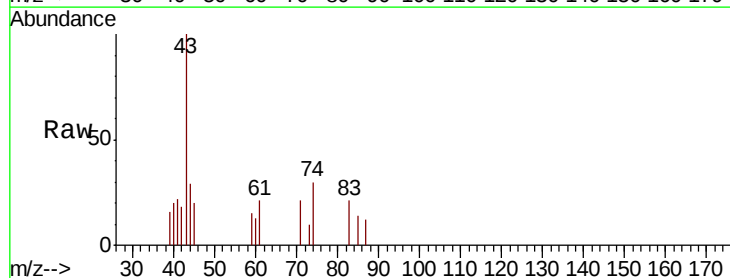
Instrument :
 MSVOA_N
 ClientSampleId :
 OK-02-071919

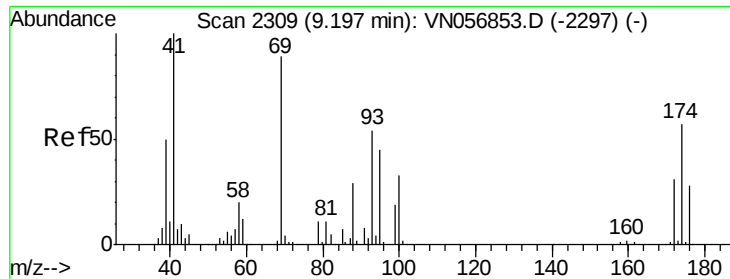
Tot Ion: 63 Resp: 1198
 Ion Ratio Lower Upper
 63 100
 65 0.0 25.4 38.0#



#47
 Bromodichloromethane
 Concen: 0.201 ug/l
 RT: 9.40 min Scan# 2373
 Delta R.T. 0.00 min
 Lab File: VN056876.D
 Acq: 23 Jul 2019 14:12

Tgt Ion: 83 Resp: 804
 Ion Ratio Lower Upper
 83 100
 85 64.9 53.4 80.2
 127 0.0 7.2 10.8#

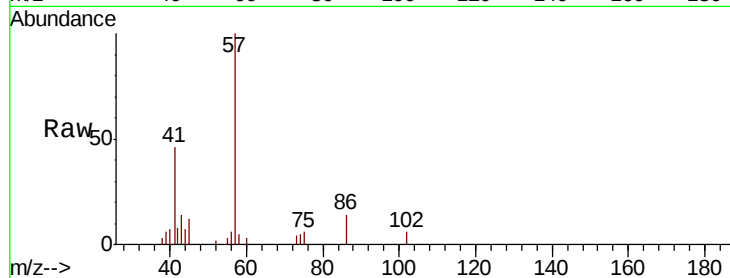




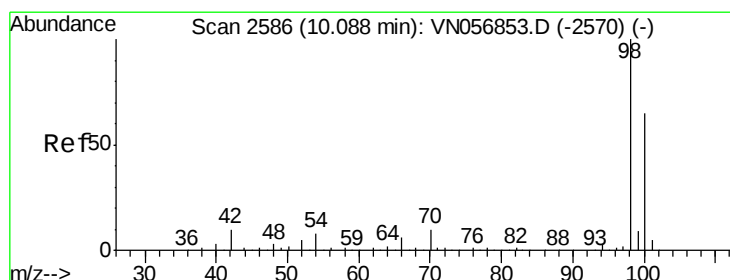
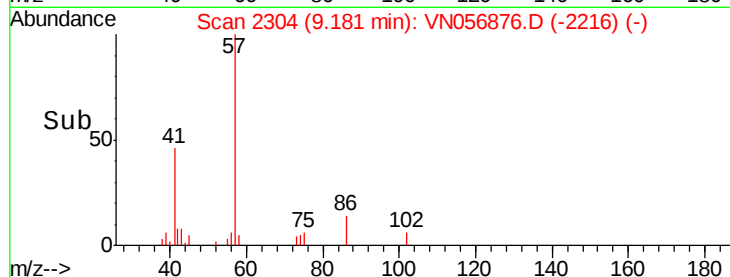
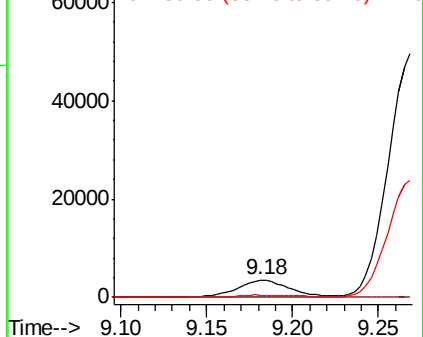
#48
Methvl methacrylate
Concen: 2.601 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN056876.D
Acq: 23 Jul 2019 14:12

Instrument :
MSVOA_N
ClientSampleId :
OK-02-071919

Tot Ion: 41 Resp: 7430
Ion Ratio Lower Upper
41 100
69 0.0 71.1 106.7#
39 0.0 40.6 60.8#

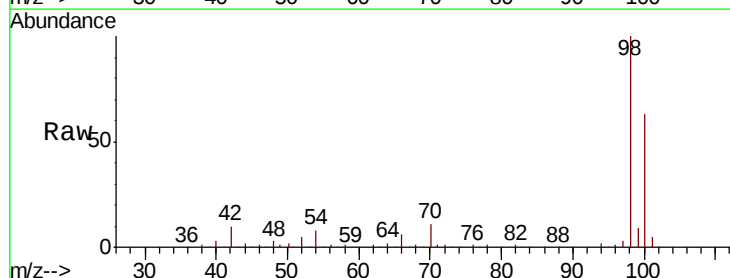


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

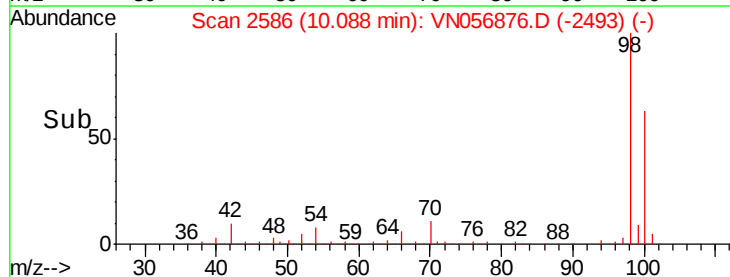
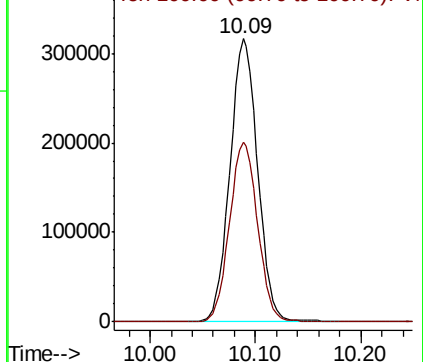


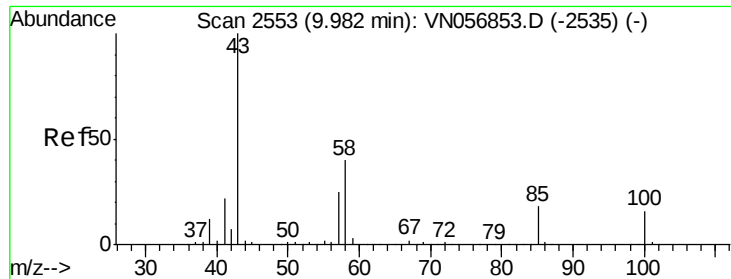
#50
Toluene-d8
Concen: 53.017 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN056876.D
Acq: 23 Jul 2019 14:12

Tgt Ion: 98 Resp: 574208
Ion Ratio Lower Upper
98 100
100 64.6 51.5 77.3



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: 1.025 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN056876.D

Acq: 23 Jul 2019 14:12

Instrument :

MSVOA_N

ClientSampleId :

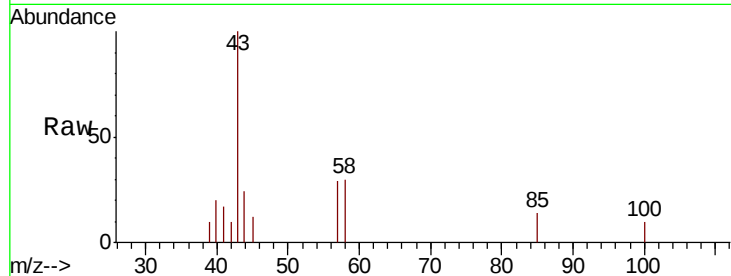
OK-02-071919

Tot Ion: 43 Resp: 3490

Ion Ratio Lower Upper

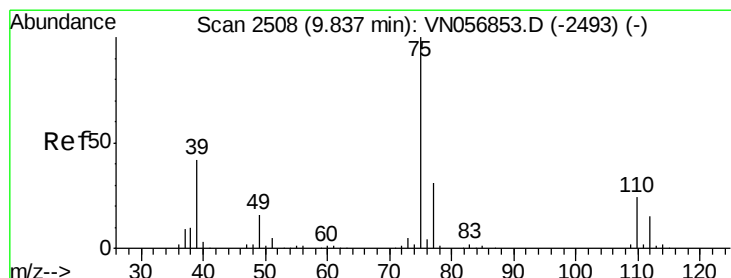
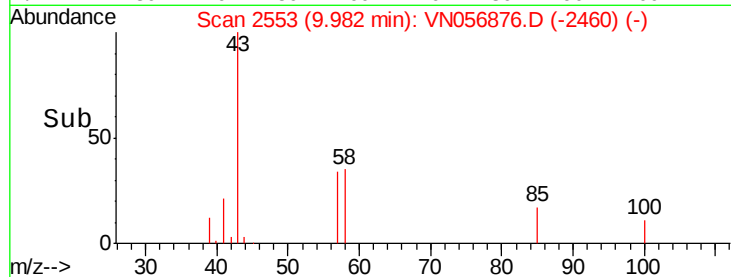
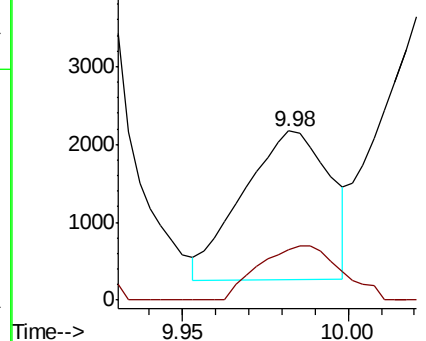
43 100

58 34.6 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 8.579 ug/l

RT: 9.90 min Scan# 2528

Delta R.T. 0.06 min

Lab File: VN056876.D

Acq: 23 Jul 2019 14:12

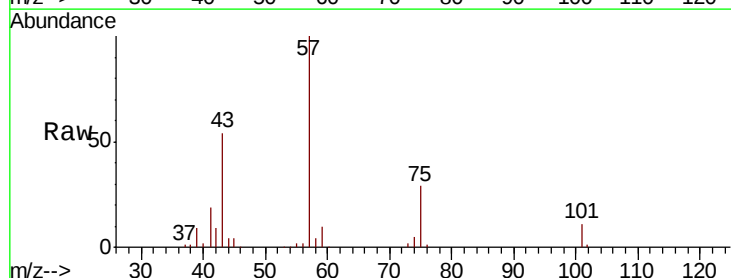
Tgt Ion: 75 Resp: 41531

Ion Ratio Lower Upper

75 100

77 0.0 25.1 37.7#

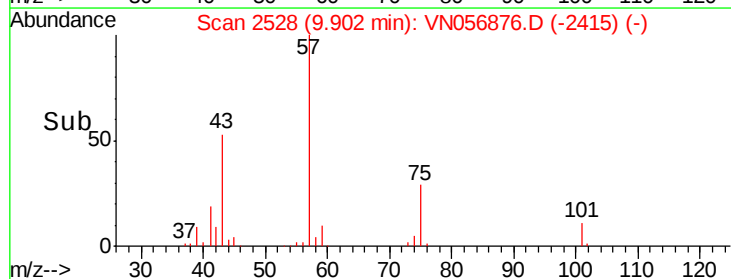
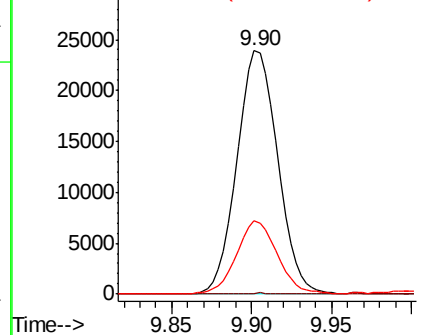
39 29.9 33.4 50.2#

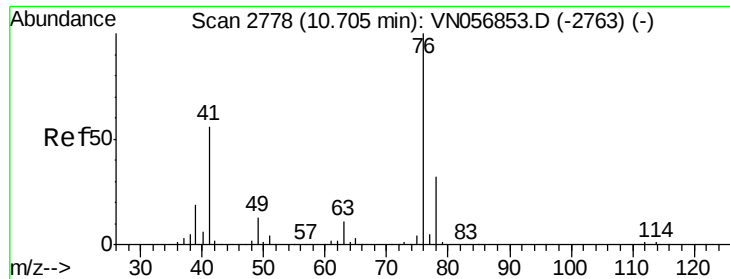


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 1.620 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN056876.D

Acq: 23 Jul 2019 14:12

Instrument :

MSVOA_N

ClientSampleId :

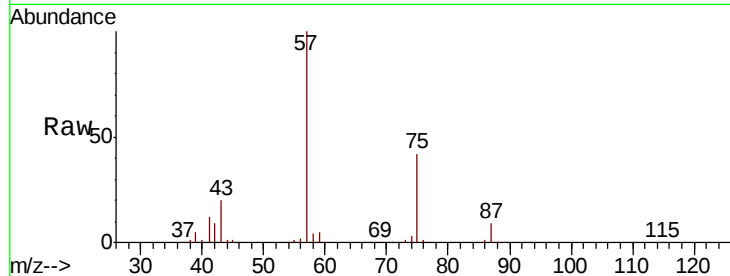
OK-02-071919

Tot Ion: 76 Resp: 8194

Ion Ratio Lower Upper

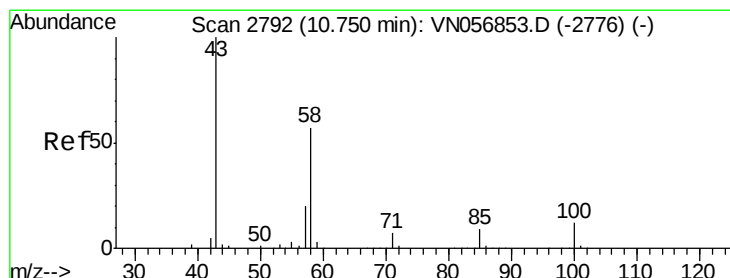
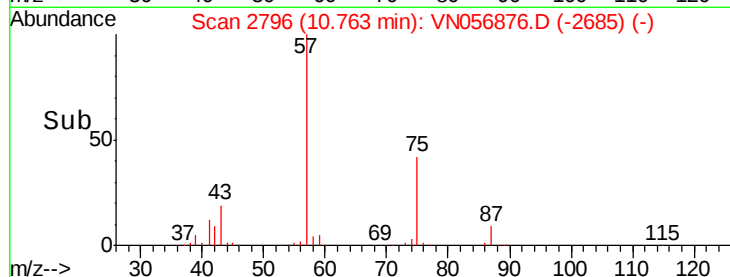
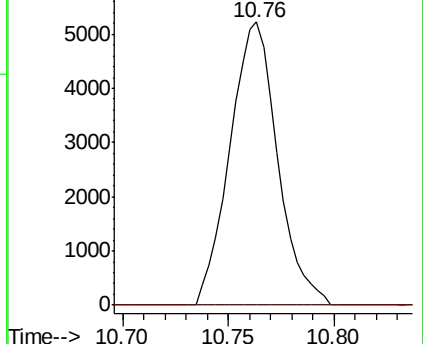
76 100

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: 46.857 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN056876.D

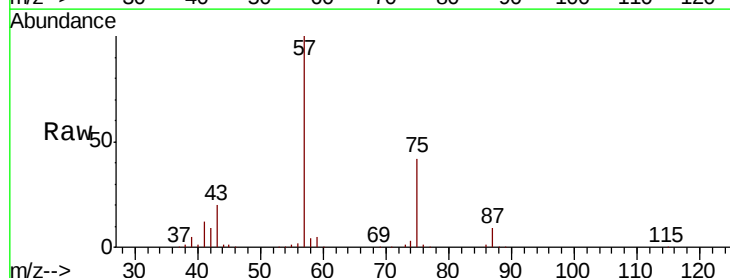
Acq: 23 Jul 2019 14:12

Tgt Ion: 43 Resp: 110442

Ion Ratio Lower Upper

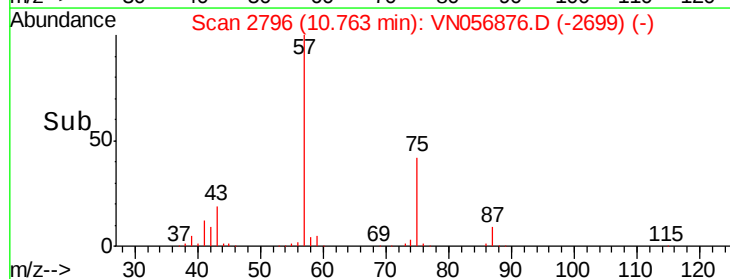
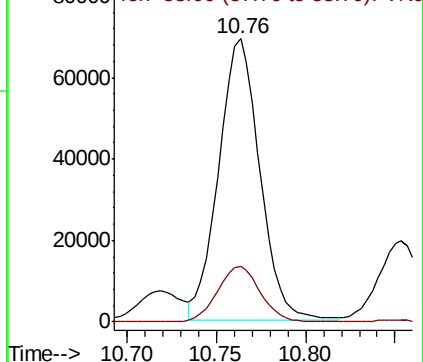
43 100

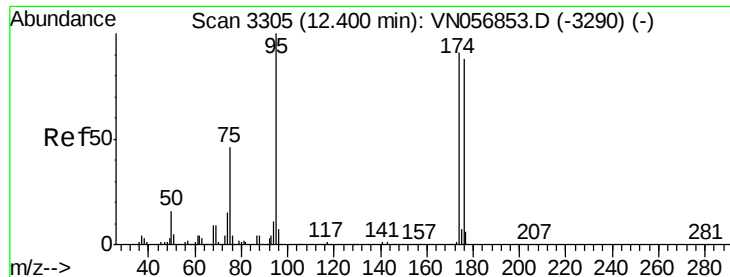
58 20.7 28.3 85.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 59.606 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056876.D

Acq: 23 Jul 2019 14:12

Instrument :

MSVOA_N

ClientSampleId :

OK-02-071919

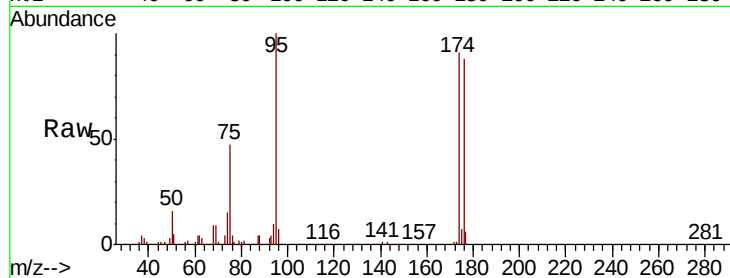
Tot Ion: 95 Resp: 211266

Ion Ratio Lower Upper

95 100

174 90.5 0.0 183.4

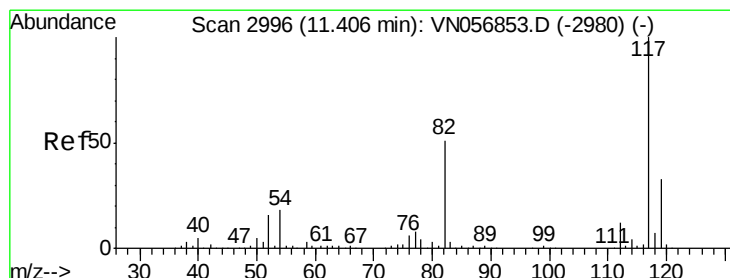
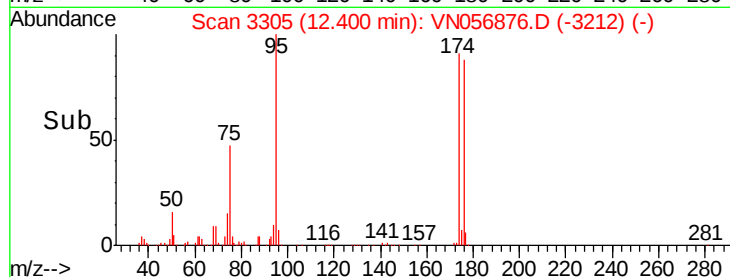
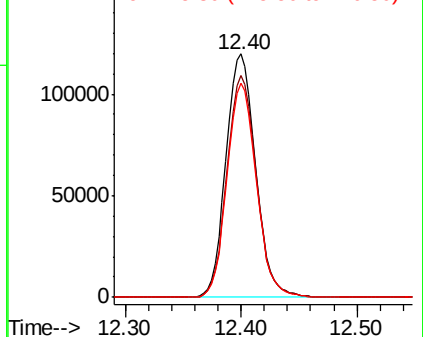
176 87.1 0.0 175.8



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: VN056876.D

Acq: 23 Jul 2019 14:12

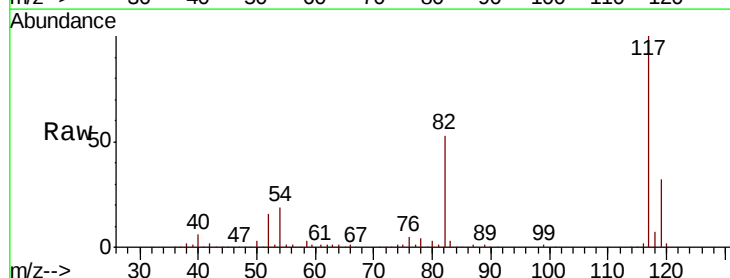
Tgt Ion: 117 Resp: 504701

Ion Ratio Lower Upper

117 100

82 52.8 41.2 61.8

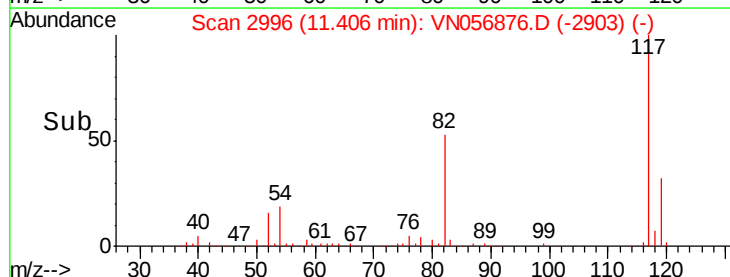
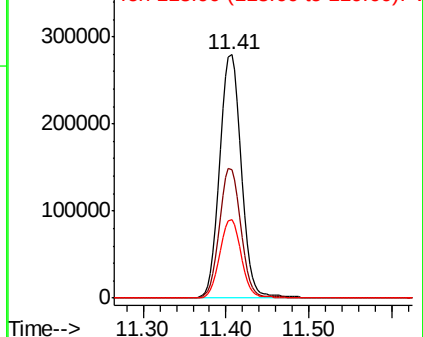
119 32.3 26.4 39.6

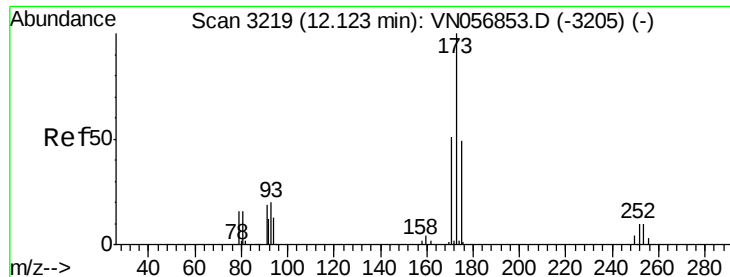


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#71

Bromoform

Concen: 0.603 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.28 min

Lab File: VN056876.D

Acq: 23 Jul 2019 14:12

Instrument :

MSVOA_N

ClientSampleId :

OK-02-071919

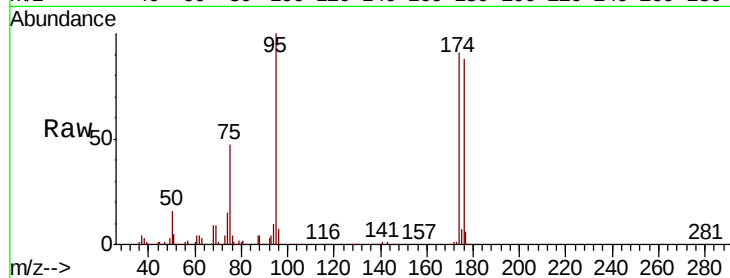
Tot Ion:173 Resp: 1652

Ion Ratio Lower Upper

173 100

175 709.3 24.1 72.3#

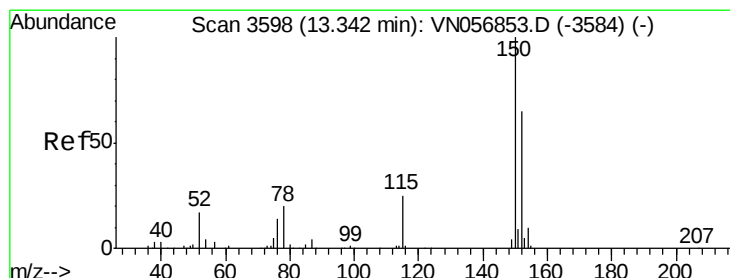
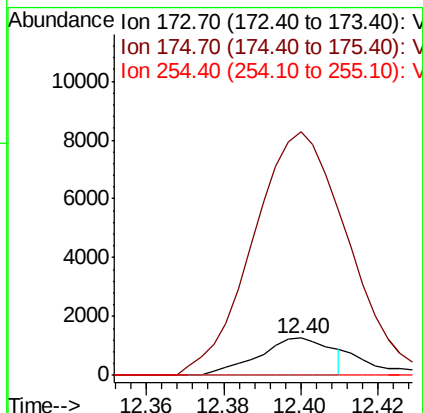
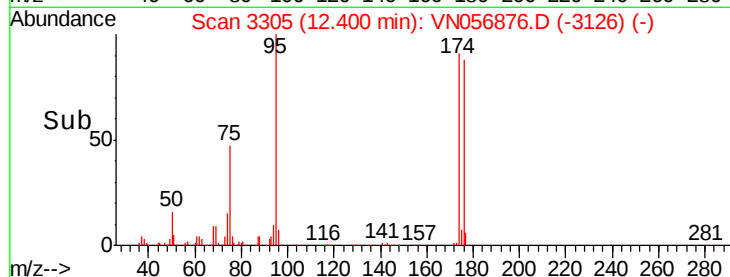
254 0.0 0.0 0.0



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: VN056876.D

Acq: 23 Jul 2019 14:12

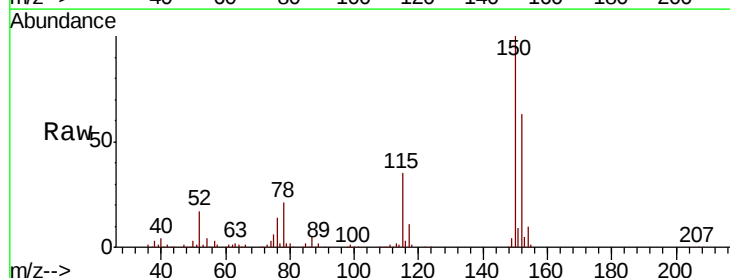
Tgt Ion:152 Resp: 167202

Ion Ratio Lower Upper

152 100

115 55.7 27.6 82.7

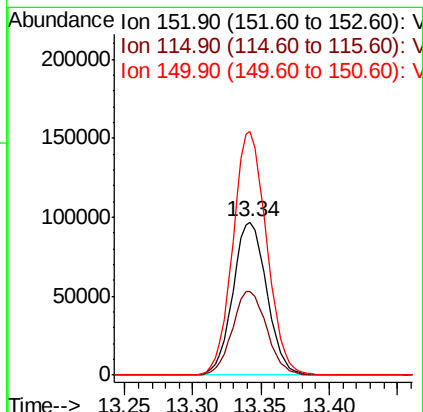
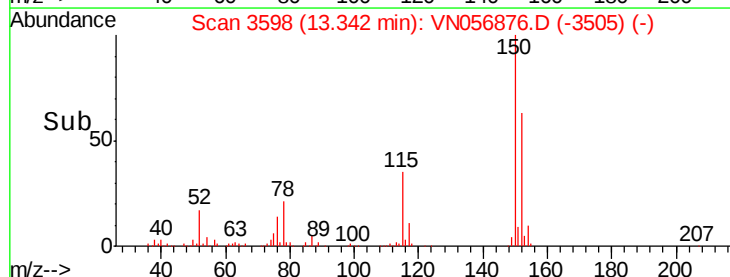
150 158.5 0.0 343.0

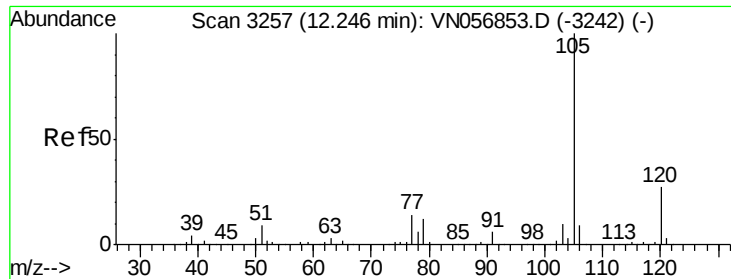


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.24 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VN056876.D

Acq: 23 Jul 2019 14:12

Instrument :

MSVOA_N

ClientSampleId :

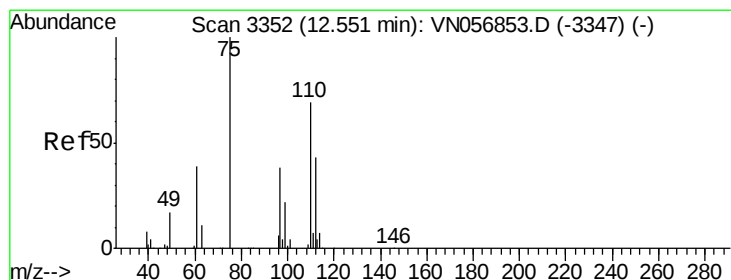
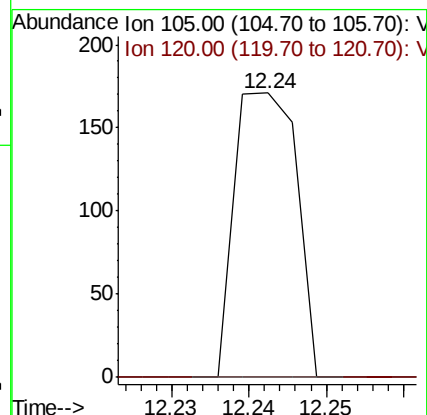
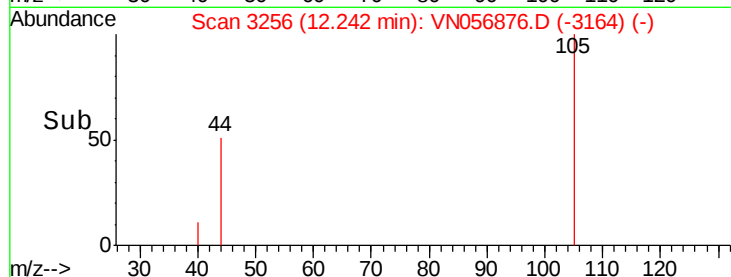
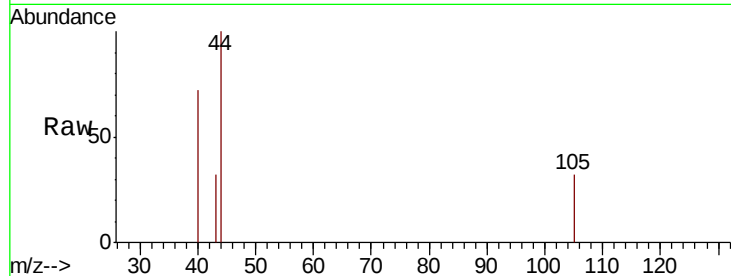
OK-02-071919

Tot Ion:105 Resp: 95

Ion Ratio Lower Upper

105 100

120 0.0 13.4 40.2#



#76

1,2,3-Trichloropropane

Concen: 28.450 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056876.D

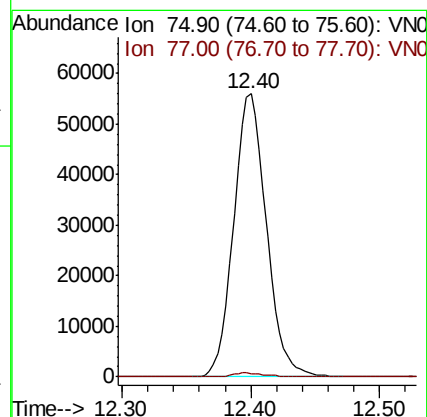
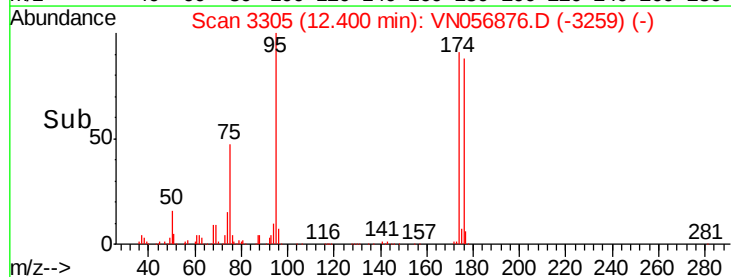
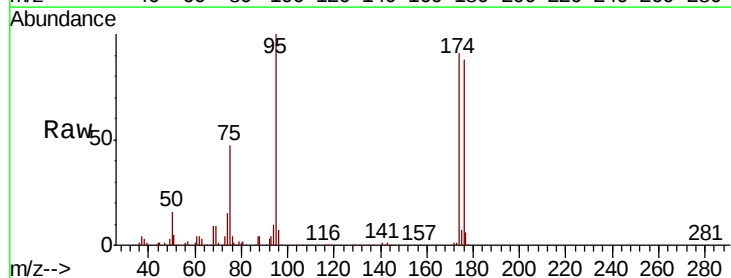
Acq: 23 Jul 2019 14:12

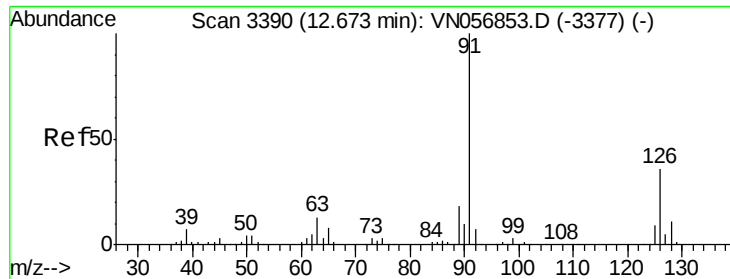
Tgt Ion: 75 Resp: 98585

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#

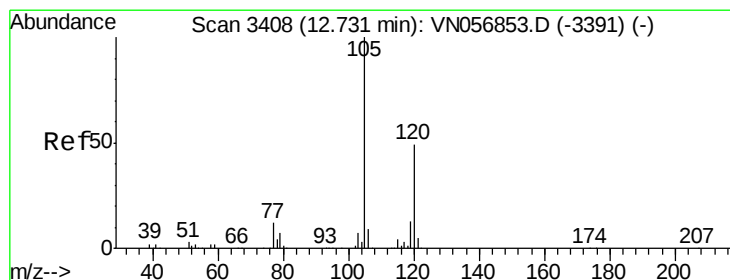
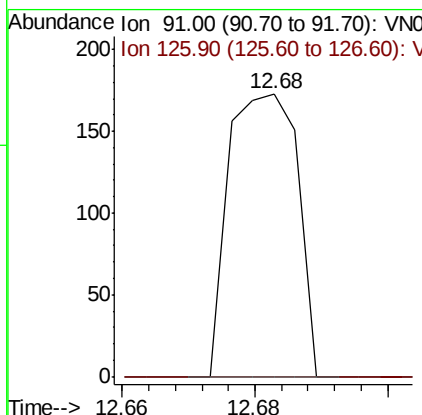
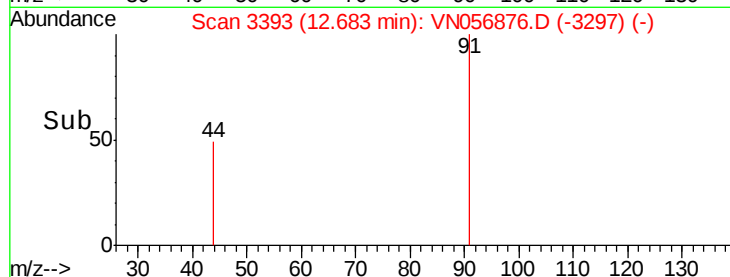
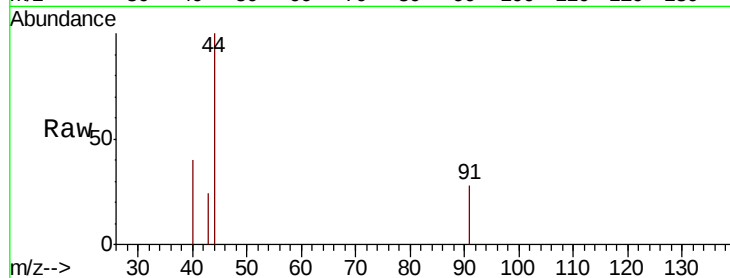




#79
 2-Chlorotoluene
 Concen: Below Cal
 RT: 12.68 min Scan# 3393
 Delta R.T. 0.01 min
 Lab File: VN056876.D
 Acq: 23 Jul 2019 14:12

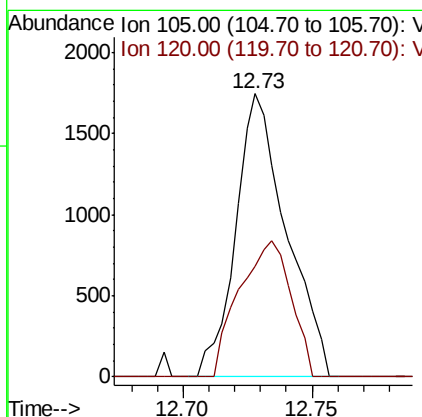
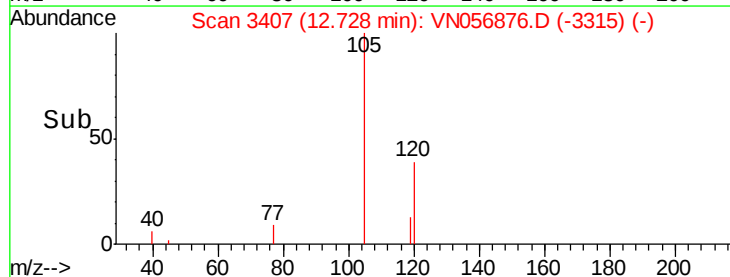
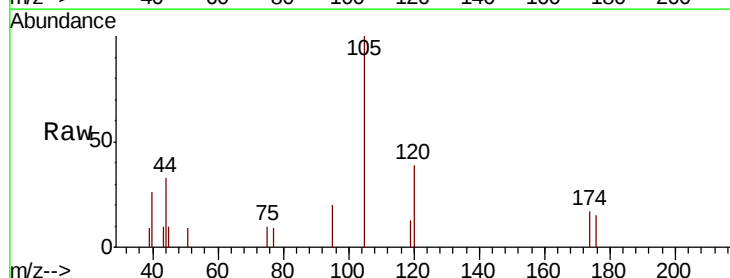
Instrument :
 MSVOA_N
 ClientSampleId :
 OK-02-071919

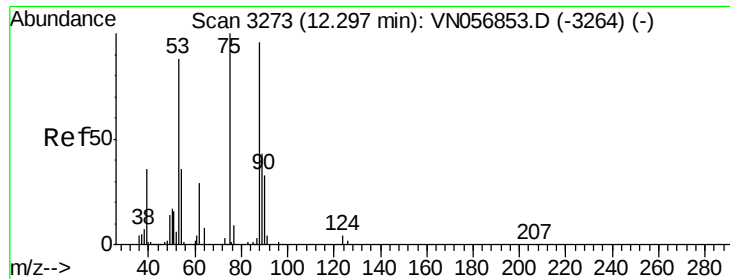
Tot Ion: 91 Resp: 125
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.8 53.5#



#80
 1,3,5-Trimethylbenzene
 Concen: Below Cal
 RT: 12.73 min Scan# 3407
 Delta R.T. -0.00 min
 Lab File: VN056876.D
 Acq: 23 Jul 2019 14:12

Tgt Ion: 105 Resp: 2389
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 91.122 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN056876.D

Acq: 23 Jul 2019 14:12

Instrument :

MSVOA_N

ClientSampleId :

OK-02-071919

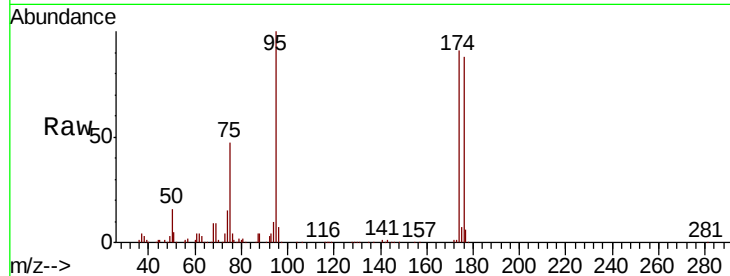
Tot Ion: 75 Resp: 98585

Ion Ratio Lower Upper

75 100

53 0.0 72.3 108.5#

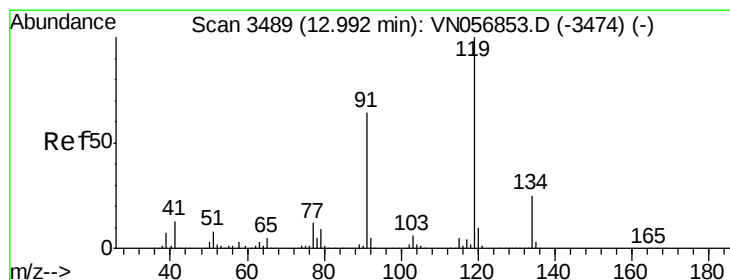
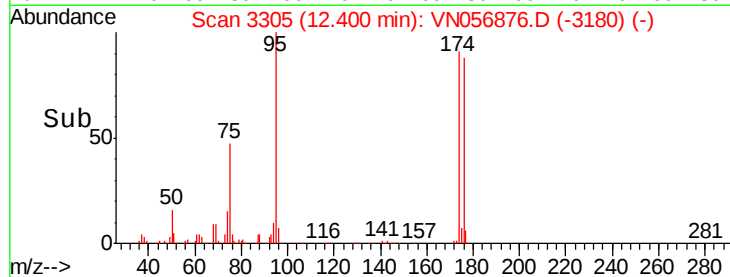
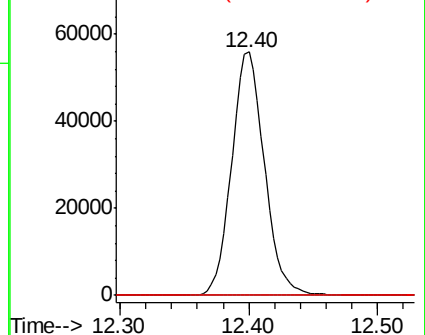
89 0.0 36.2 54.4#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#83

tert-Butylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3409

Delta R.T. -0.26 min

Lab File: VN056876.D

Acq: 23 Jul 2019 14:12

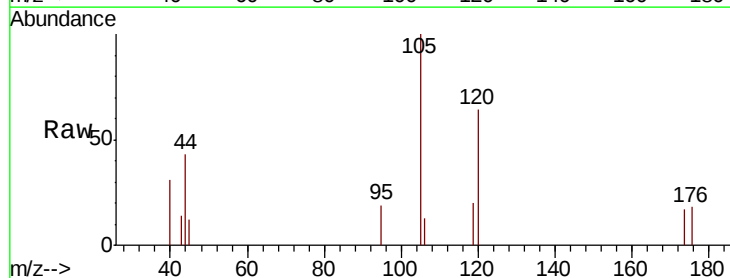
Tgt Ion: 119 Resp: 251

Ion Ratio Lower Upper

119 100

91 12.4 31.5 94.5#

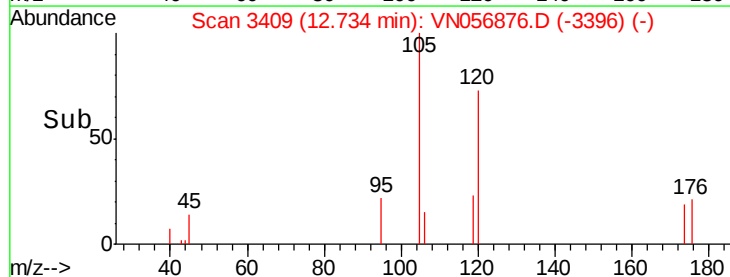
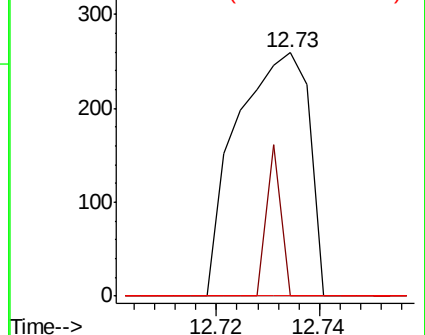
134 0.0 12.2 36.6#

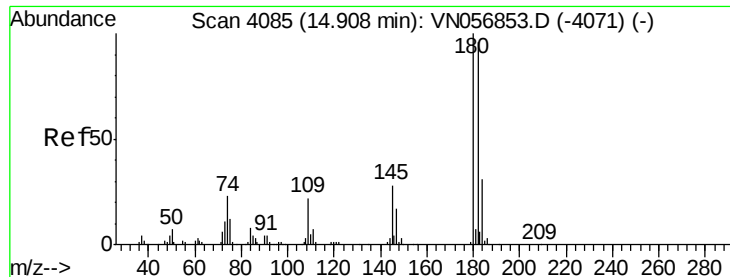


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN0

Ion 134.00 (133.70 to 134.70): V

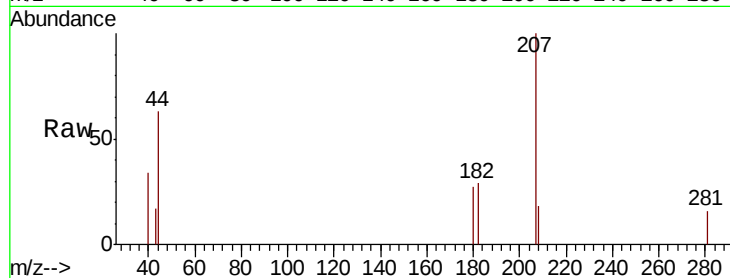




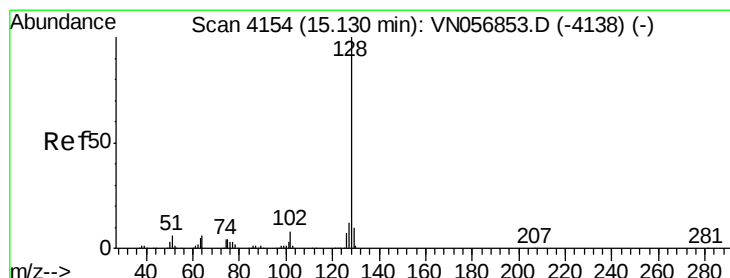
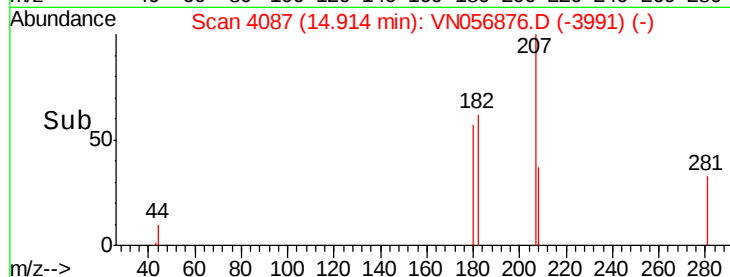
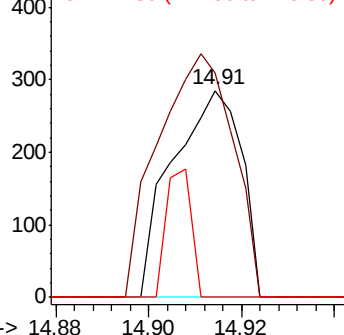
#93
 1,2,4-Trichlorobenzene
 Concen: 4.215 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.01 min
 Lab File: VN056876.D
 Acq: 23 Jul 2019 14:12

Instrument :
 MSVOA_N
 ClientSampleId :
 OK-02-071919

Tot Ion:180 Resp: 294
 Ion Ratio Lower Upper
 180 100
 182 127.9 47.9 143.7
 145 22.4 14.1 42.3

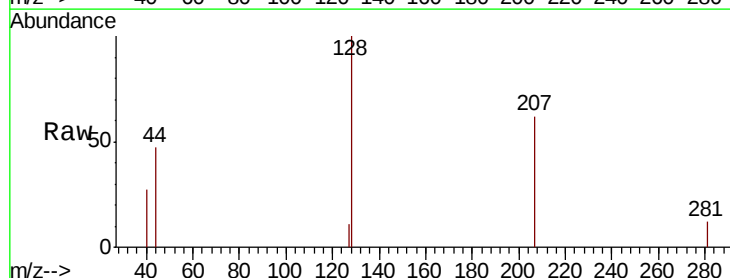


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

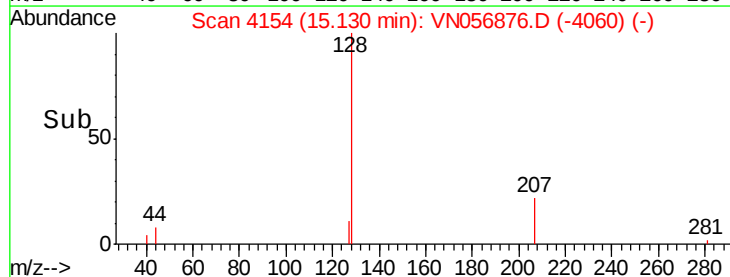
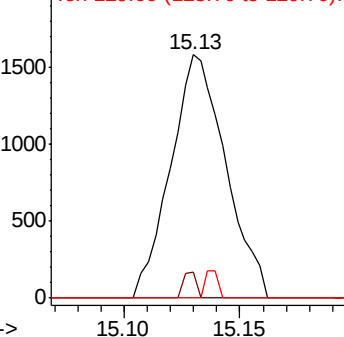


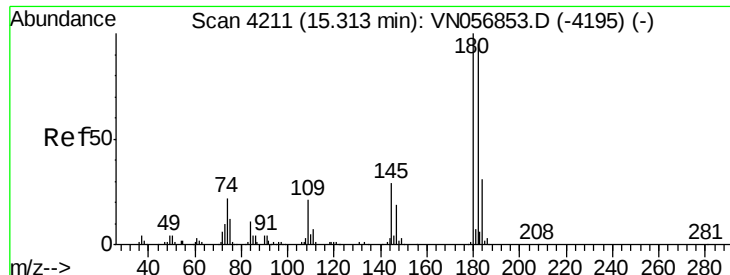
#95
 Naphthalene
 Concen: 3.923 ug/l
 RT: 15.13 min Scan# 4154
 Delta R.T. 0.00 min
 Lab File: VN056876.D
 Acq: 23 Jul 2019 14:12

Tgt Ion:128 Resp: 2609
 Ion Ratio Lower Upper
 128 100
 127 2.4 10.2 15.2#
 129 2.6 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





#96
 1,2,3-Trichlorobenzene
 Concen: 2.639 ug/l
 RT: 15.31 min Scan# 4211
 Delta R.T. 0.00 min
 Lab File: VN056876.D
 Acq: 23 Jul 2019 14:12

Instrument :
 MSVOA_N
 ClientSampleId :
 OK-02-071919

Tot Ion:180 Resp: 572
 Ion Ratio Lower Upper
 180 100
 182 90.4 48.1 144.3
 145 5.2 14.7 44.1#

