

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081119\
 Data File : VN057200.D
 Acq On : 11 Aug 2019 20:19
 Operator : JC/SP
 Sample : K4090-08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-03-080919-B

Quant Time: Aug 12 05:58:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080719W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:49:25 2019
 Response via : Initial Calibration

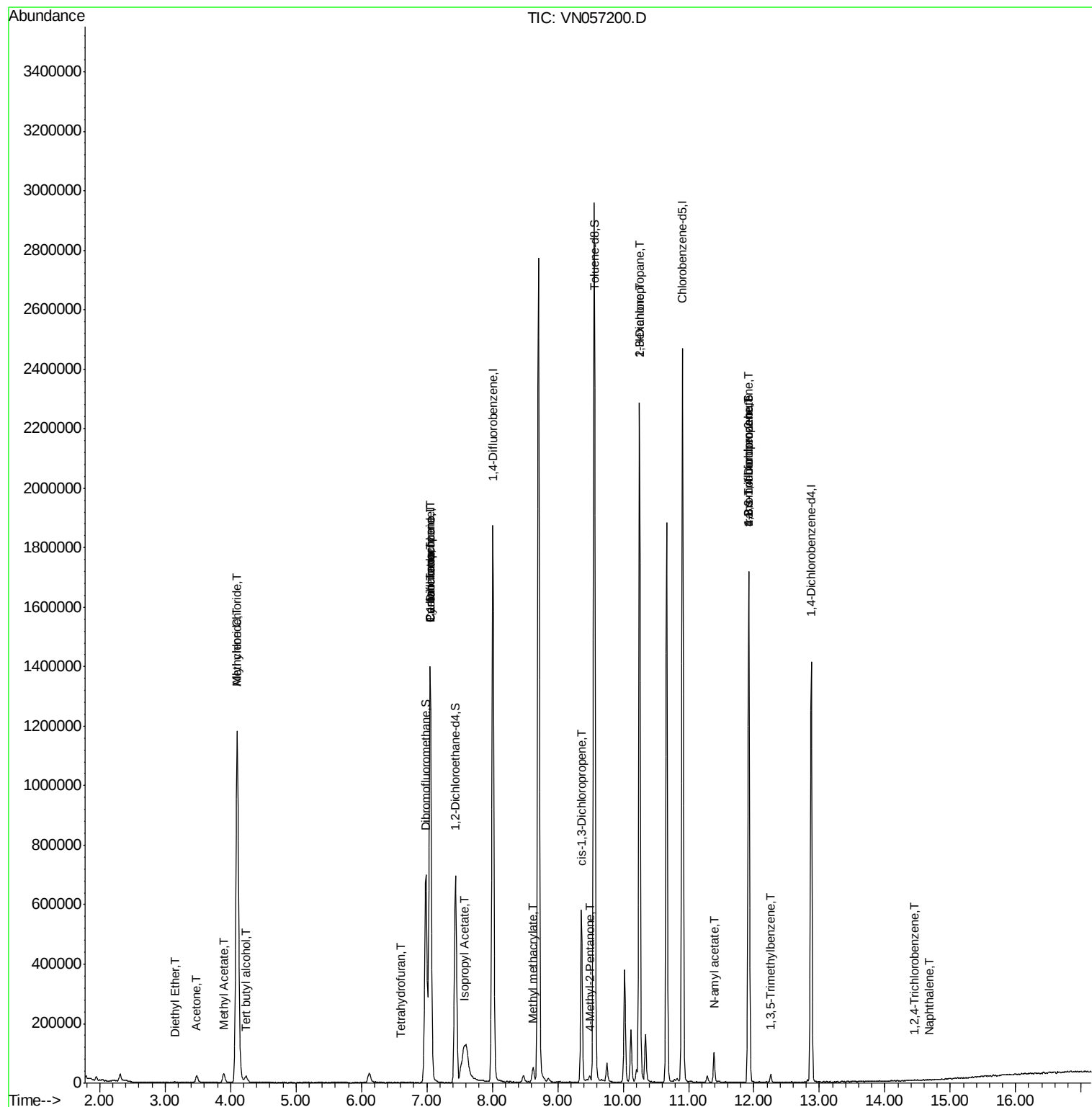
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1333455	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	1881201	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.91	117	1580903	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.88	152	423627	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	624822	45.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.12%	
35) Dibromofluoromethane	6.99	113	572740	48.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.04%	
50) Toluene-d8	9.56	98	2203756	48.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.60%	
62) 4-Bromofluorobenzene	11.92	95	594712	40.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.74%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.14	74	1594	0.217	ug/l	90
11) Tert butyl alcohol	4.24	59	14434	7.396	ug/l #	73
14) Allyl chloride	4.10	41	30397	1.843	ug/l #	25
16) Acetone	3.48	43	34531	8.338	ug/l	99
18) Methyl Acetate	3.89	43	52060	3.609	ug/l	97
20) Methylene Chloride	4.10	84	909106	66.512	ug/l	98
29) Tetrahydrofuran	6.61	42	1240	0.291	ug/l #	43
31) Cyclohexane	7.06	56	21154	1.063	ug/l #	1
36) 1,1-Dichloropropene	7.05	75	80456	5.194	ug/l #	49
38) Carbon Tetrachloride	7.05	117	114054	7.066	ug/l #	16
43) Isopropyl Acetate	7.57	43	178509	8.193	ug/l #	62
48) Methyl methacrylate	8.62	41	17472	1.701	ug/l #	10
51) 4-Methyl-2-Pentanone	9.49	43	17161	1.353	ug/l #	34
54) cis-1,3-Dichloropropene	9.36	75	113365	6.004	ug/l #	60
57) 1,3-Dichloropropane	10.25	76	25670	1.301	ug/l #	42
59) 2-Hexanone	10.25	43	321088	37.412	ug/l #	49
73) Isopropylbenzene	11.77	105	276	Below Cal	#	48
74) N-amyl acetate	11.39	43	32444	3.022	ug/l #	50
75) 1,1,2,2-Tetrachloroethane	11.92	83	323	Below Cal	#	1
76) 1,2,3-Trichloropropane	11.92	75	268604	31.382	ug/l #	100
79) 2-Chlorotoluene	12.19	91	311	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	12.26	105	14120	0.432	ug/l	90
81) trans-1,4-Dichloro-2-buten	11.92	75	268604	93.229	ug/l #	14
83) tert-Butylbenzene	12.26	119	1945	Below Cal	#	83
90) Hexachloroethane	13.49	117	30	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.45	180	72	5.940	ug/l #	37
95) Naphthalene	14.68	128	1129	2.906	ug/l #	77

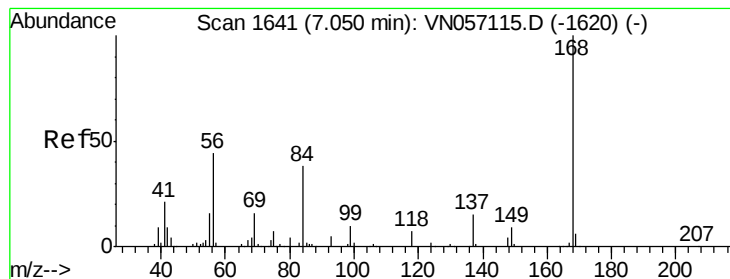
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN081119\
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QLast Update : Thu Aug 08 06:49:25 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 1642

Delta R.T. 0.00 min

Lab File: VN057200.D

Acq: 11 Aug 2019 20:19

Instrument :

MSVOA_N

ClientSampleId :

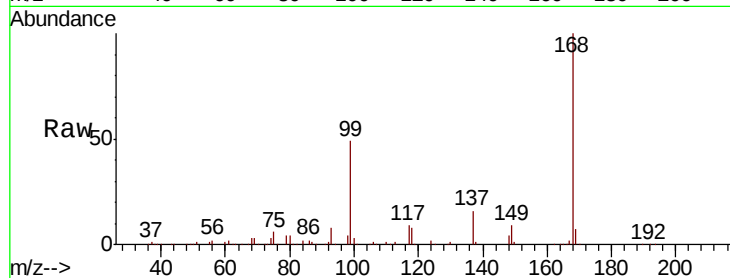
OR-03-080919-B

Tgt Ion:168 Resp: 1333455

Ion Ratio Lower Upper

168 100

99 49.3 38.6 57.8



Abundance Ion 167.90 (167.60 to 168.60): VN057115.D (-1620) (-)

Ion 98.90 (98.60 to 99.60): VN057115.D (-1620) (-)

7.05

600000

500000

400000

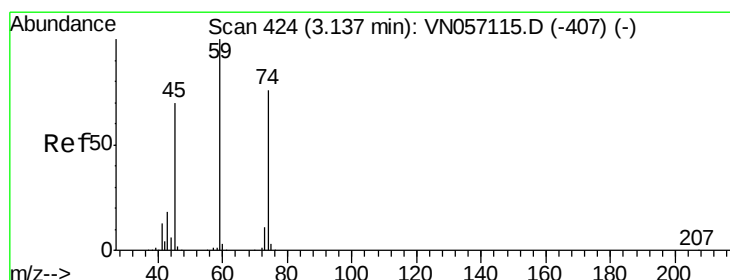
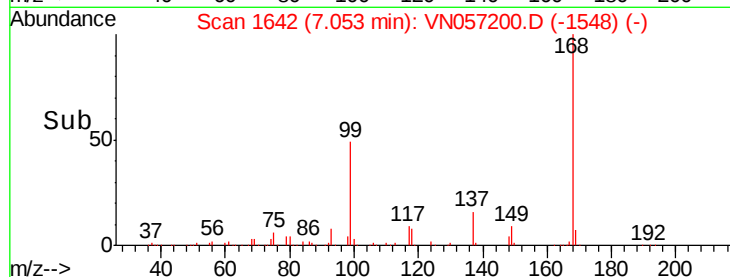
300000

200000

100000

0

Time-->



#8

Diethyl Ether

Concen: 0.217 ug/l

RT: 3.14 min Scan# 426

Delta R.T. 0.01 min

Lab File: VN057200.D

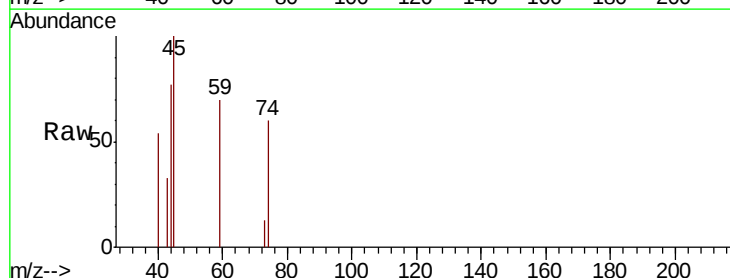
Acq: 11 Aug 2019 20:19

Tgt Ion: 74 Resp: 1594

Ion Ratio Lower Upper

74 100

45 102.2 46.3 138.8



Abundance Ion 74.00 (73.70 to 74.70): VN057115.D (-407) (-)

Ion 45.00 (44.70 to 45.70): VN057115.D (-407) (-)

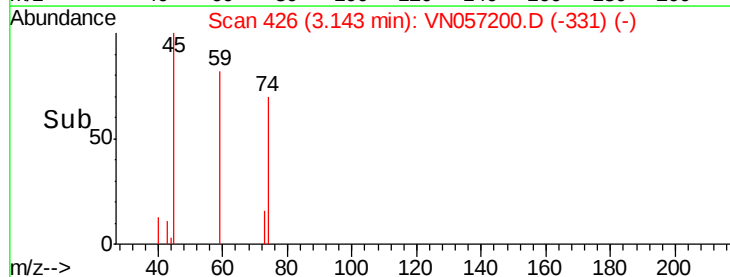
3.14

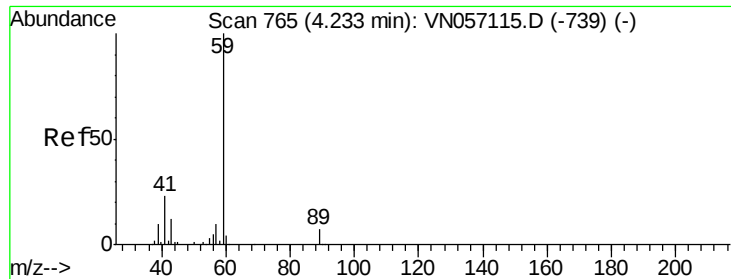
1000

500

0

Time-->



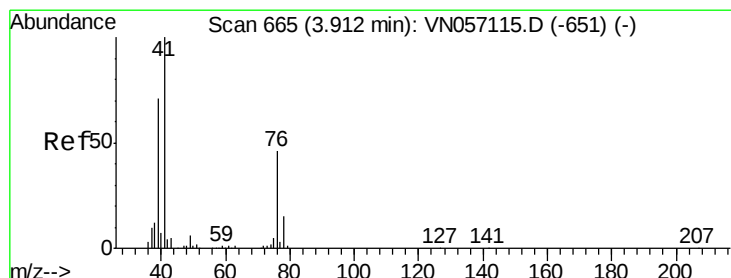
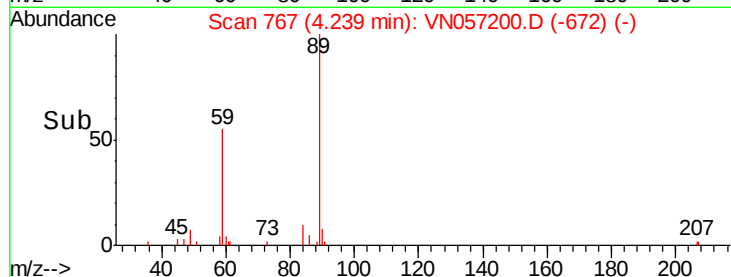
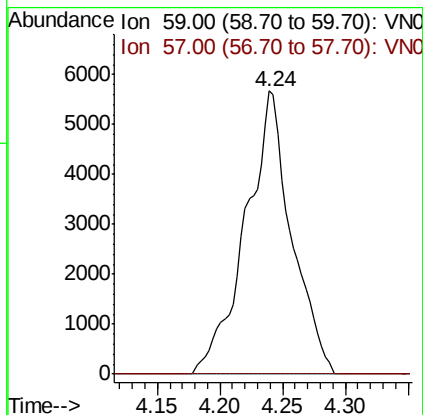
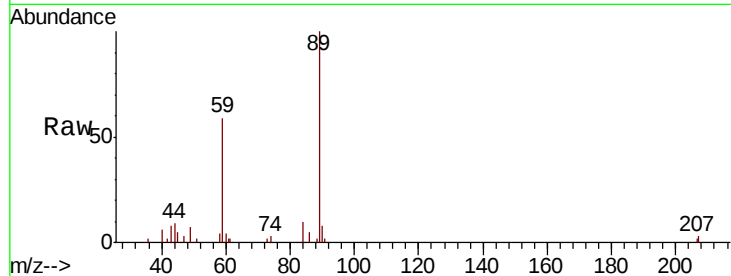


#11

Tert butyl alcohol
 Concen: 7.396 ug/l
 RT: 4.24 min Scan# 767
 Delta R.T. 0.01 min
 Lab File: VN057200.D
 Acq: 11 Aug 2019 20:19

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-03-080919-B

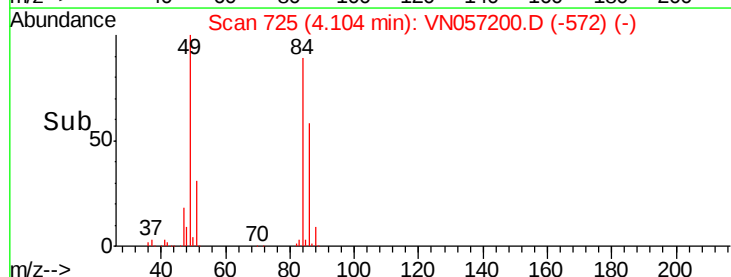
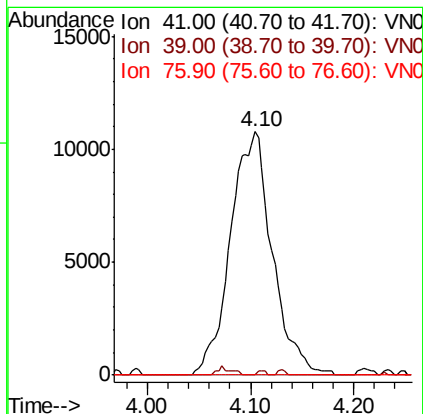
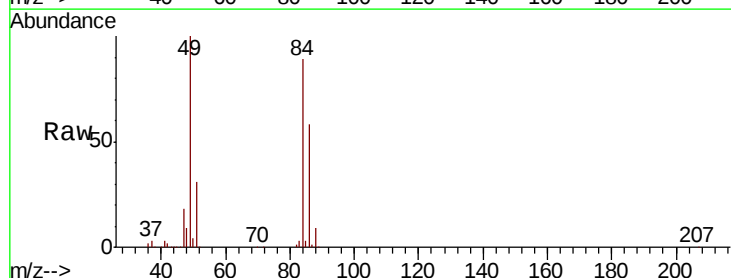
Tgt Ion: 59 Resp: 14434
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.9 11.9#

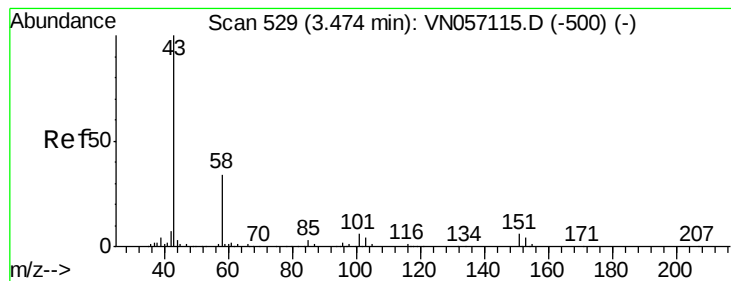


#14

Allyl chloride
 Concen: 1.843 ug/l
 RT: 4.10 min Scan# 725
 Delta R.T. 0.19 min
 Lab File: VN057200.D
 Acq: 11 Aug 2019 20:19

Tgt Ion: 41 Resp: 30397
 Ion Ratio Lower Upper
 41 100
 39 0.4 51.1 76.7#
 76 0.0 32.8 49.2#





#16

Acetone

Concen: 8.338 ug/l

RT: 3.48 min Scan# 531

Delta R.T. 0.01 min

Lab File: VN057200.D

Acq: 11 Aug 2019 20:19

Instrument :

MSVOA_N

ClientSampleId :

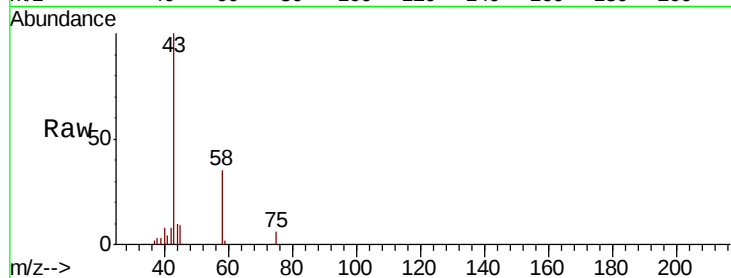
OR-03-080919-B

Tgt Ion: 43 Resp: 34531

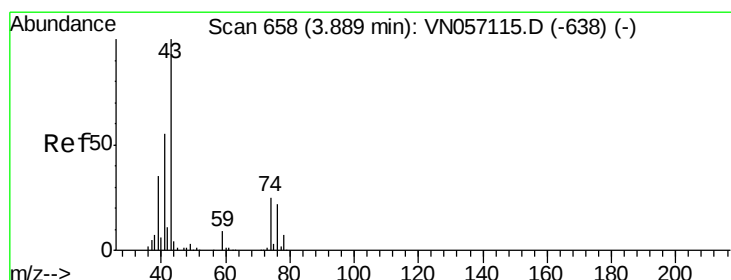
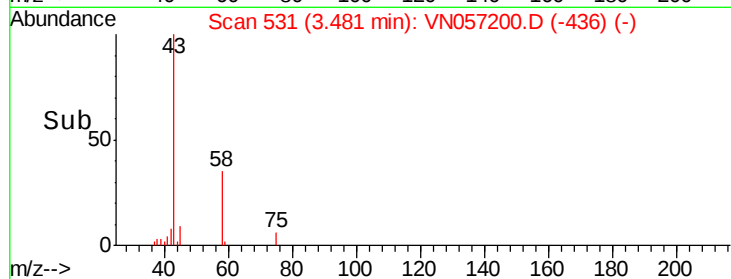
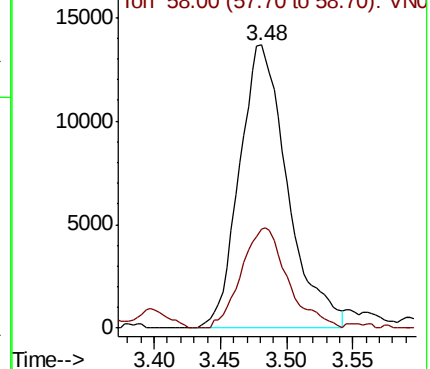
Ion Ratio Lower Upper

43 100

58 34.9 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VN057200.D (-531) (-)



#18

Methyl Acetate

Concen: 3.609 ug/l

RT: 3.89 min Scan# 659

Delta R.T. 0.00 min

Lab File: VN057200.D

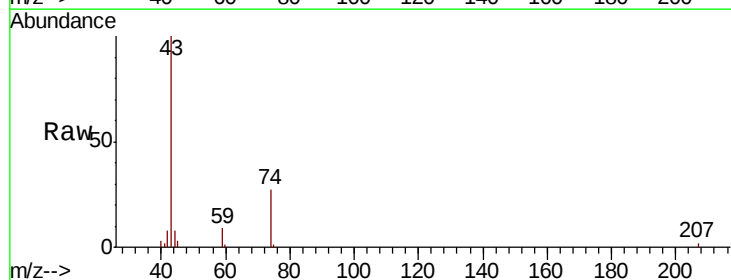
Acq: 11 Aug 2019 20:19

Tgt Ion: 43 Resp: 52060

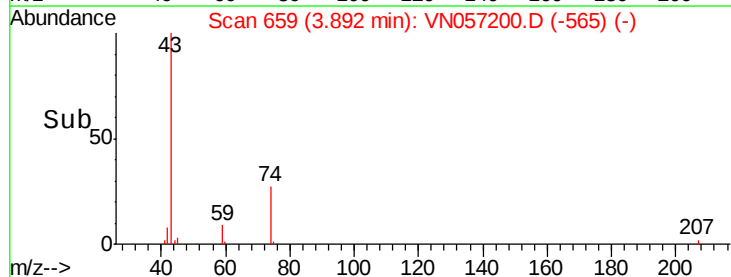
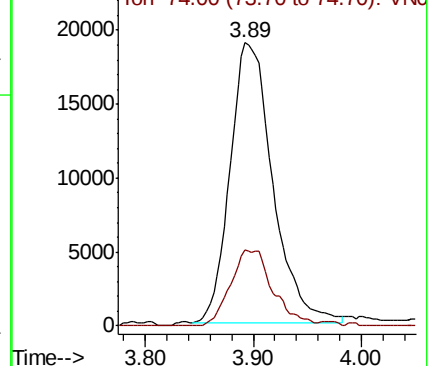
Ion Ratio Lower Upper

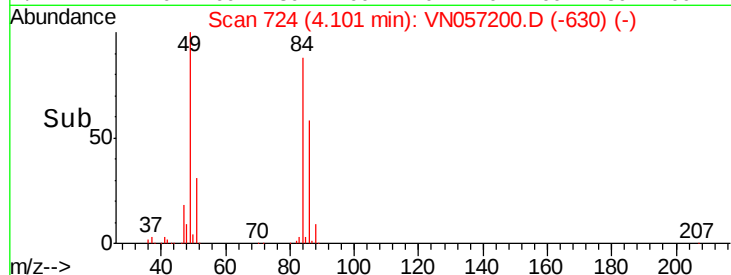
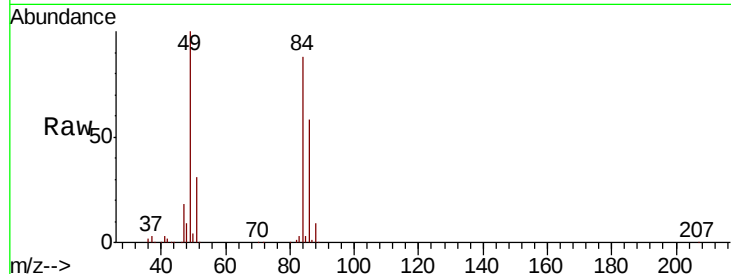
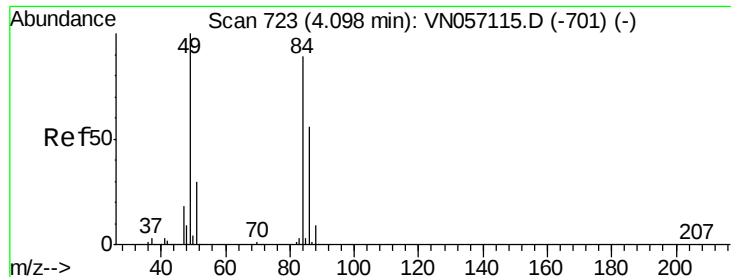
43 100

74 27.0 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VN057200.D (-659) (-)

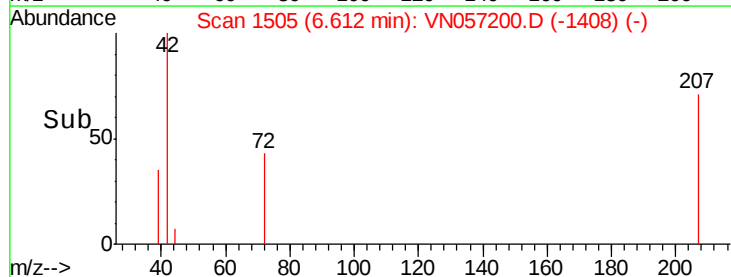
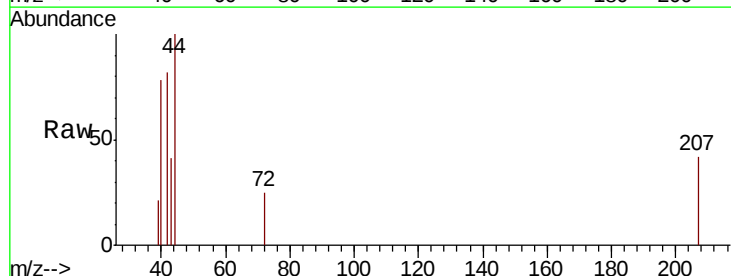
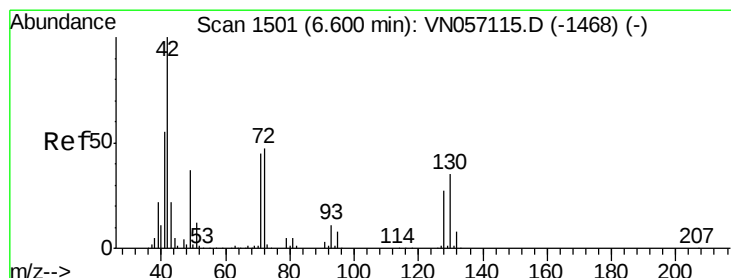
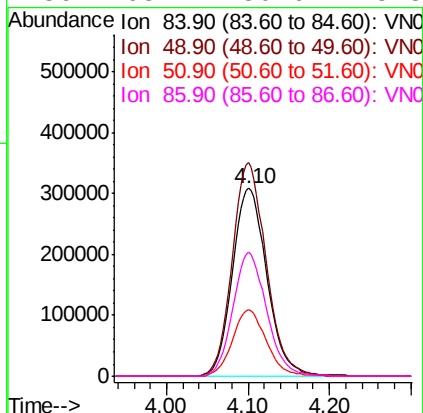




#20
Methylene Chloride
Concen: 66.512 ug/l
RT: 4.10 min Scan# 724
Delta R.T. 0.00 min
Lab File: VN057200.D
Acq: 11 Aug 2019 20:19

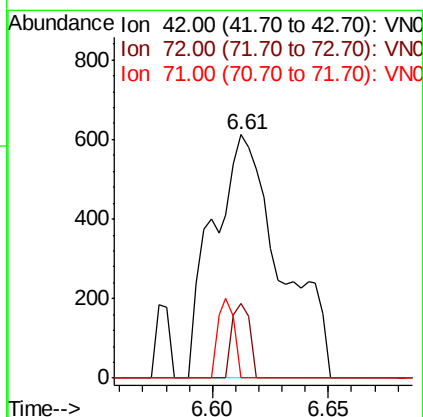
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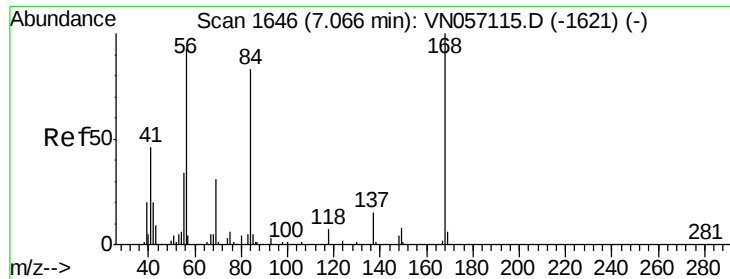
Tgt Ion:	84	Resp:	909106
Ion	Ratio	Lower	Upper
84	100		
49	113.5	89.5	134.3
51	35.1	27.2	40.8
86	65.7	50.6	75.8



#29
Tetrahydrofuran
Concen: 0.291 ug/l
RT: 6.61 min Scan# 1505
Delta R.T. 0.01 min
Lab File: VN057200.D
Acq: 11 Aug 2019 20:19

Tgt Ion:	42	Resp:	1240
Ion	Ratio	Lower	Upper
42	100		
72	7.8	37.1	55.7#
71	8.1	34.8	52.2#

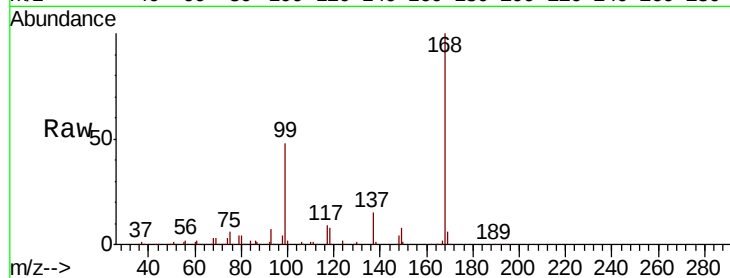




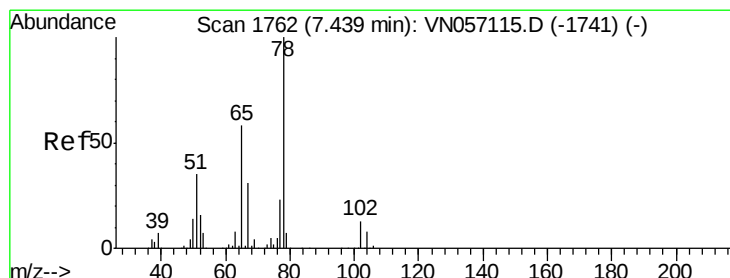
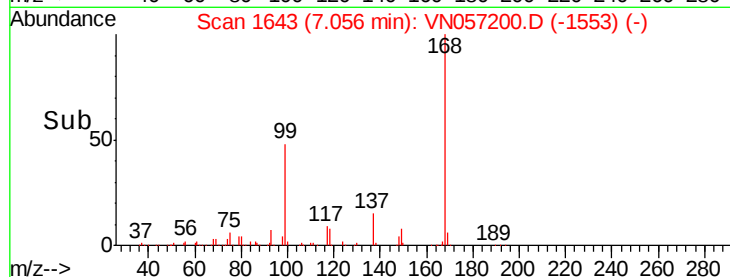
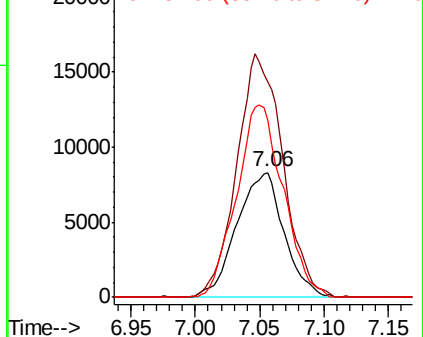
#31
Cyclohexane
Concen: 1.063 ug/l
RT: 7.06 min Scan# 1643
Delta R.T. -0.01 min
Lab File: VN057200.D
Acq: 11 Aug 2019 20:19

Instrument :
MSVOA_N
ClientSampleId :
OR-03-080919-B

Tgt Ion: 56 Resp: 21154
Ion Ratio Lower Upper
56 100
69 171.9 26.9 40.3#
84 141.2 71.9 107.9#

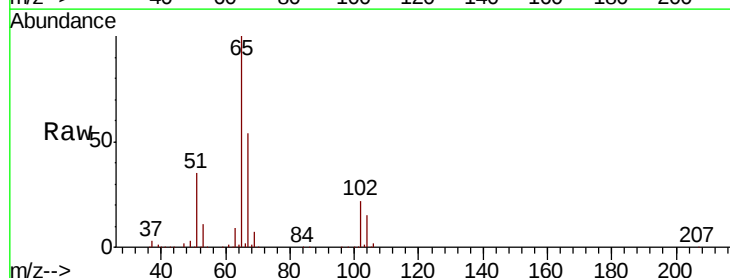


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

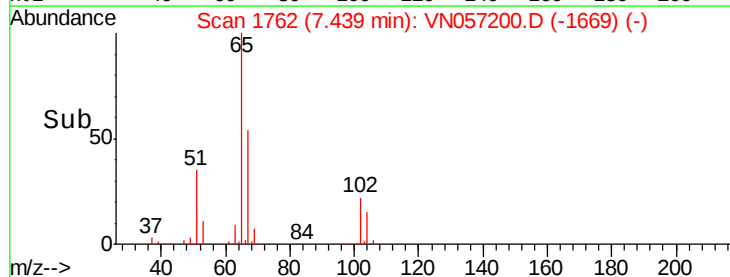
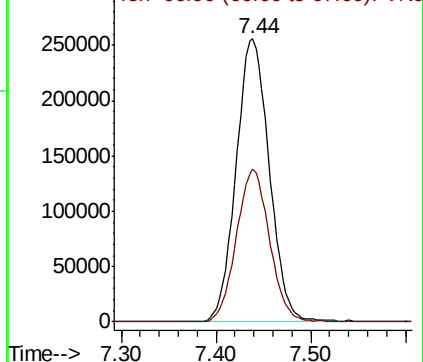


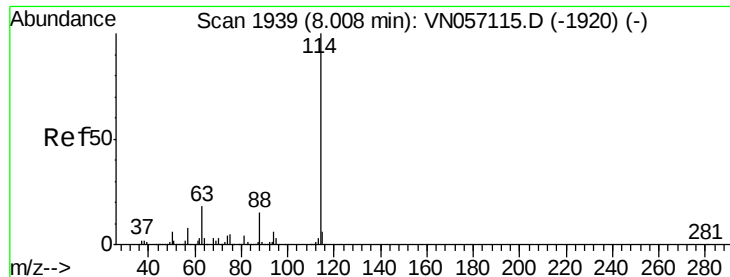
#33
1,2-Dichloroethane-d4
Concen: 45.562 ug/l
RT: 7.44 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VN057200.D
Acq: 11 Aug 2019 20:19

Tgt Ion: 65 Resp: 624822
Ion Ratio Lower Upper
65 100
67 53.8 0.0 108.2



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

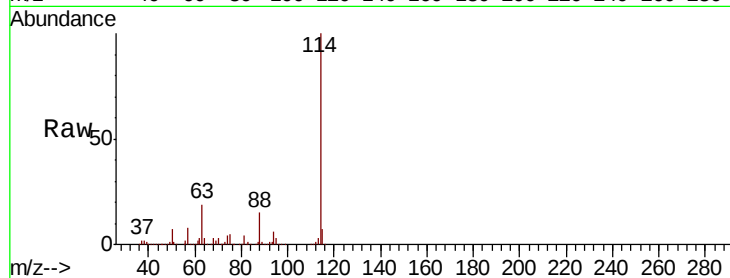




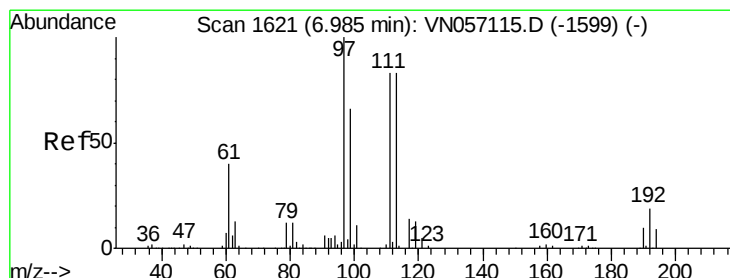
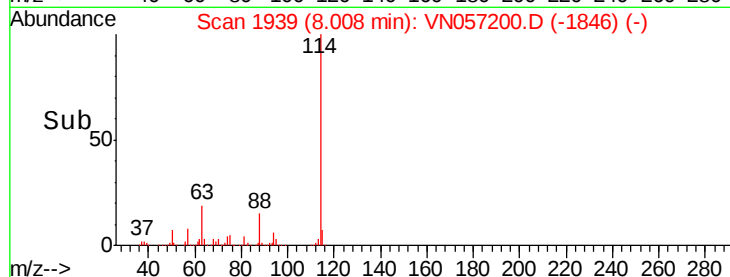
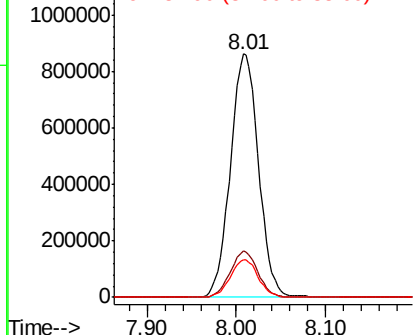
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: VN057200.D
 Acq: 11 Aug 2019 20:19

Instrument :
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 OR-03-080919-B

Tgt Ion:	114	Resp:	1881201
Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	36.2
88	15.3	0.0	30.0

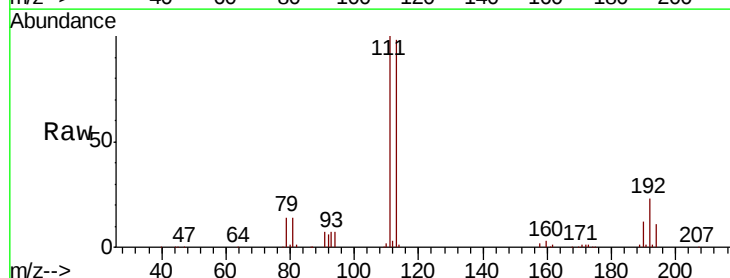


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

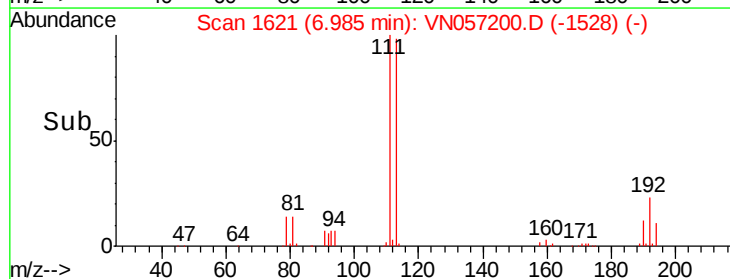
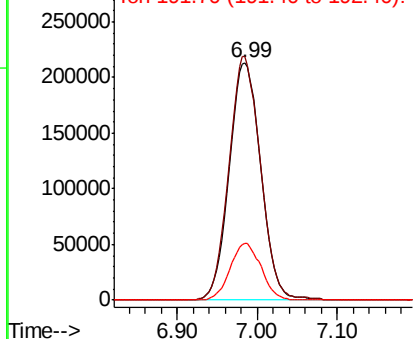


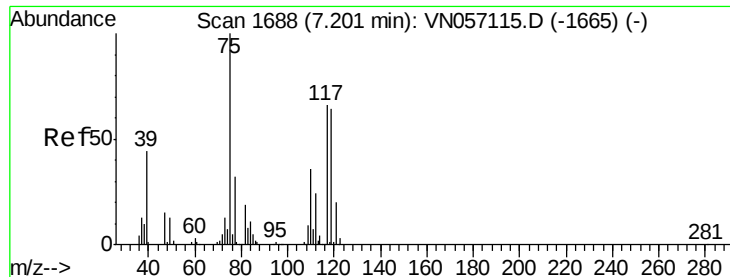
#35
 Dibromofluoromethane
 Concen: 48.518 ug/l
 RT: 6.99 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VN057200.D
 Acq: 11 Aug 2019 20:19

Tgt Ion:	113	Resp:	572740
Ion	Ratio	Lower	Upper
113	100		
111	101.1	81.3	121.9
192	23.4	19.0	28.4



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: 5.194 ug/l

RT: 7.05 min Scan# 1641

Delta R.T. -0.15 min

Lab File: VN057200.D

Acq: 11 Aug 2019 20:19

Instrument :

MSVOA_N

ClientSampleId :

OR-03-080919-B

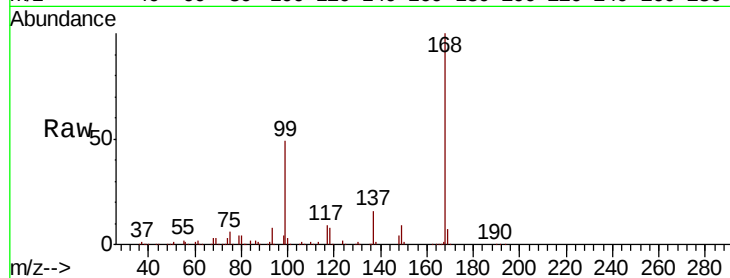
Tgt Ion: 75 Resp: 80456

Ion Ratio Lower Upper

75 100

110 9.9 18.7 56.1#

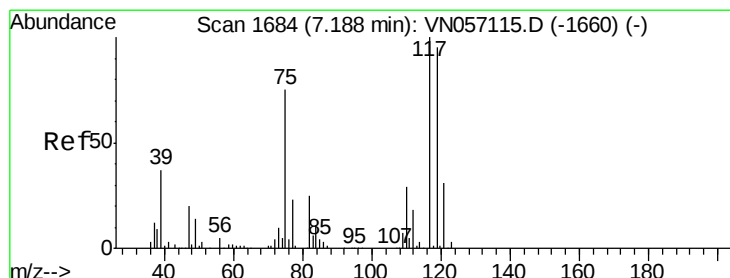
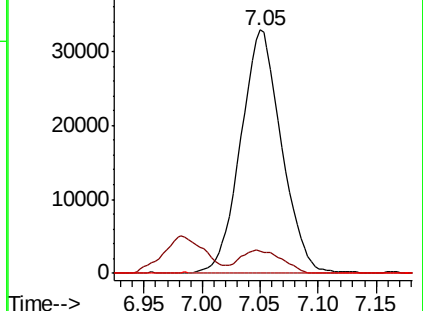
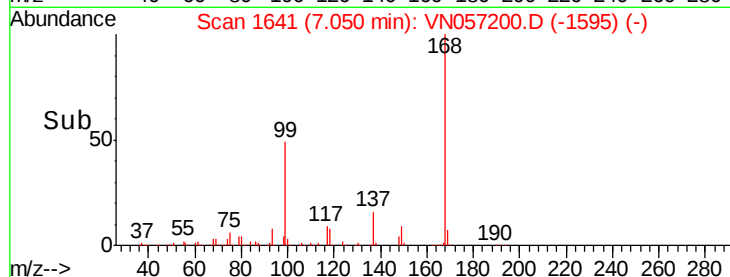
77 0.0 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): VN057200.D (-1595) (-)

Ion 109.90 (109.60 to 110.60): VN057200.D (-1595) (-)

Ion 76.90 (76.60 to 77.60): VN057200.D (-1595) (-)



#38

Carbon Tetrachloride

Concen: 7.066 ug/l

RT: 7.05 min Scan# 1642

Delta R.T. -0.14 min

Lab File: VN057200.D

Acq: 11 Aug 2019 20:19

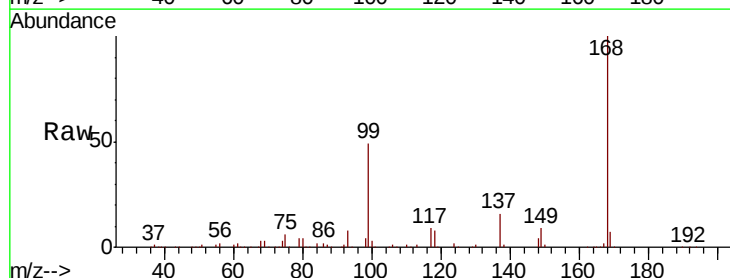
Tgt Ion: 117 Resp: 114054

Ion Ratio Lower Upper

117 100

119 4.4 75.8 113.6#

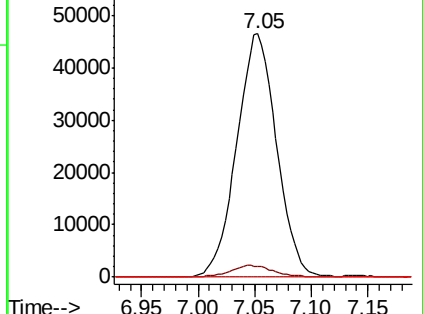
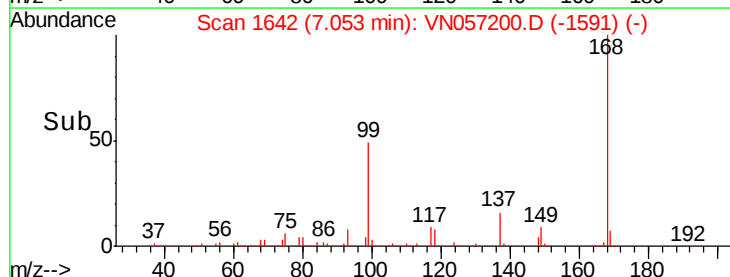
121 0.0 24.4 36.6#

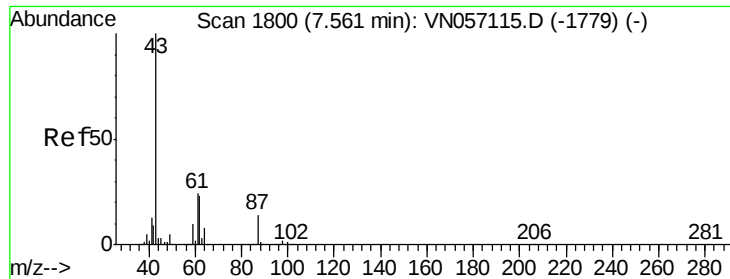


Abundance Ion 116.80 (116.50 to 117.50): VN057200.D (-1591) (-)

Ion 118.80 (118.50 to 119.50): VN057200.D (-1591) (-)

Ion 120.80 (120.50 to 121.50): VN057200.D (-1591) (-)





#43

Isopropyl Acetate

Concen: 8.193 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.01 min

Lab File: VN057200.D

Acq: 11 Aug 2019 20:19

Instrument :

MSVOA_N

ClientSampleId :

OR-03-080919-B

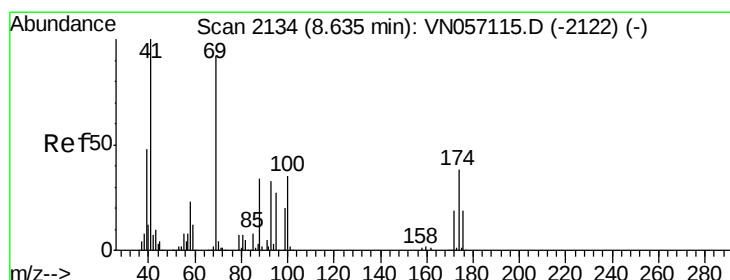
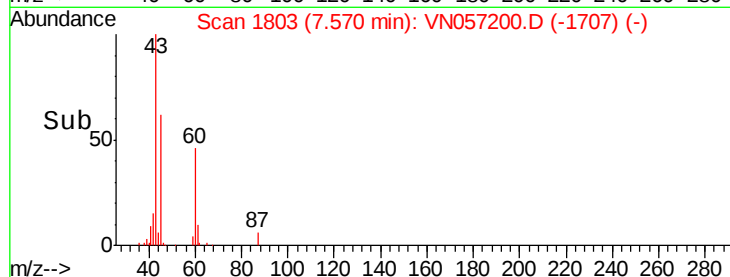
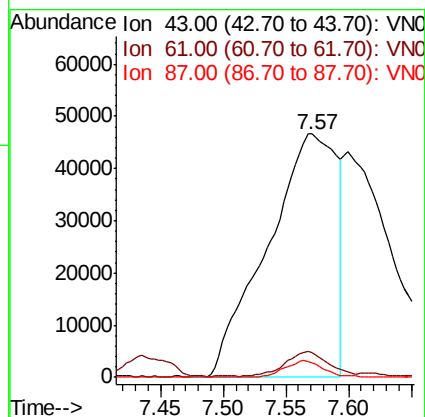
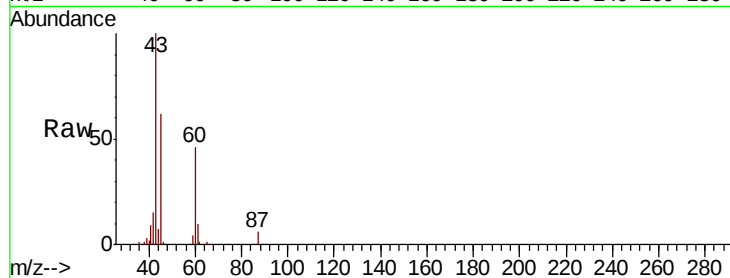
Tgt Ion: 43 Resp: 178509

Ion Ratio Lower Upper

43 100

61 6.5 24.2 36.2#

87 3.8 11.8 17.8#



#48

Methyl methacrylate

Concen: 1.701 ug/l

RT: 8.62 min Scan# 2129

Delta R.T. -0.02 min

Lab File: VN057200.D

Acq: 11 Aug 2019 20:19

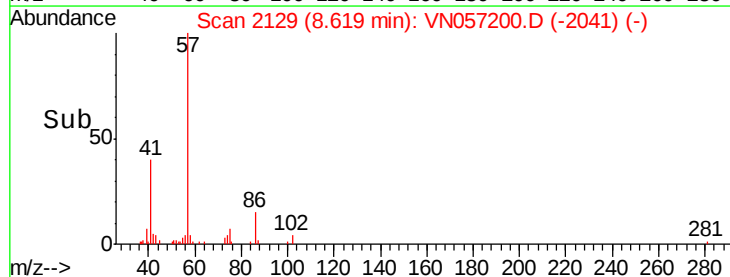
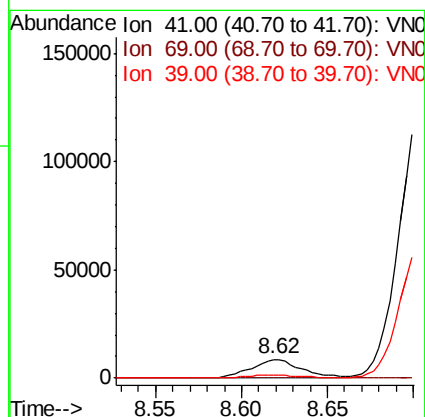
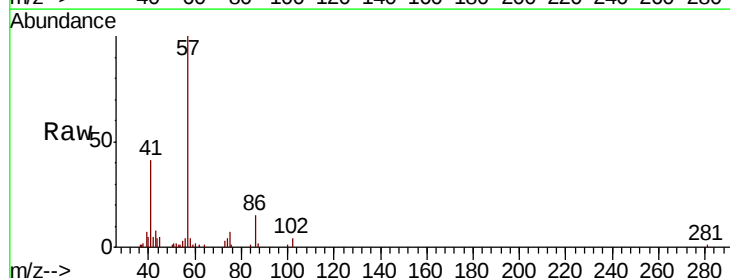
Tgt Ion: 41 Resp: 17472

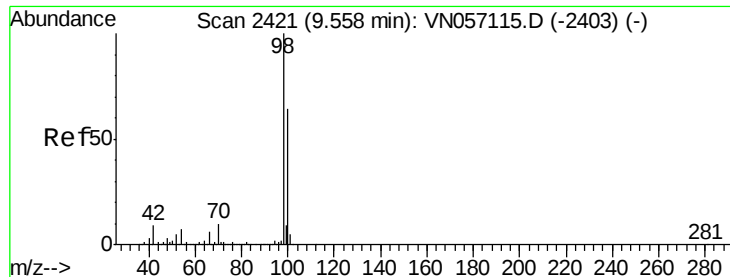
Ion Ratio Lower Upper

41 100

69 0.0 77.5 116.3#

39 0.0 39.8 59.6#

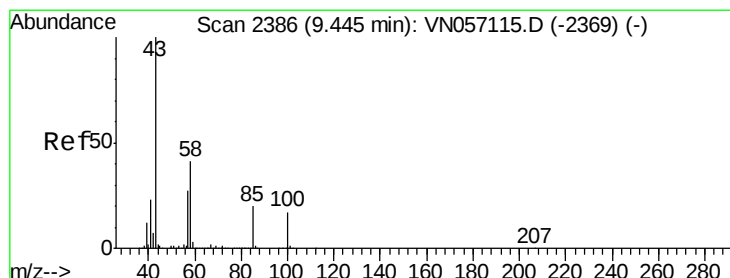
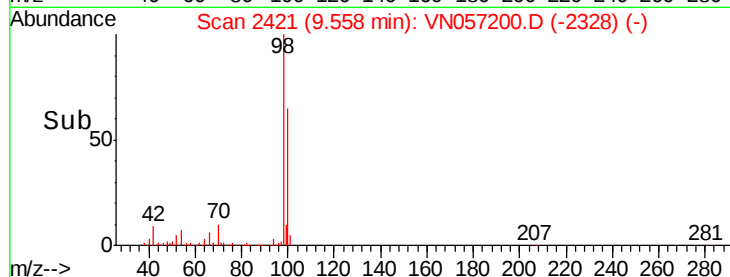
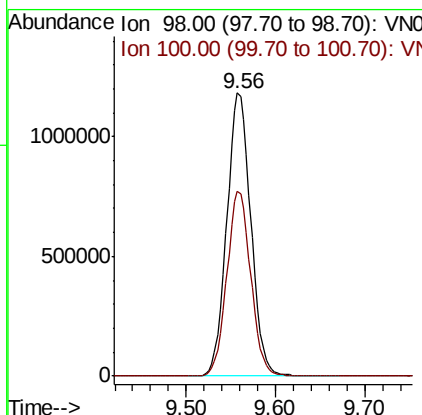
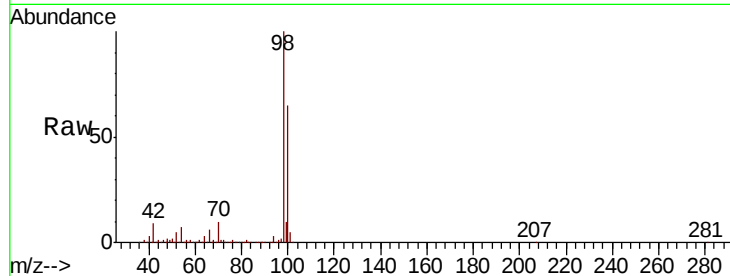




#50
Toluene-d8
Concen: 48.795 ug/l
RT: 9.56 min Scan# 2421
Delta R.T. -0.00 min
Lab File: VN057200.D
Acq: 11 Aug 2019 20:19

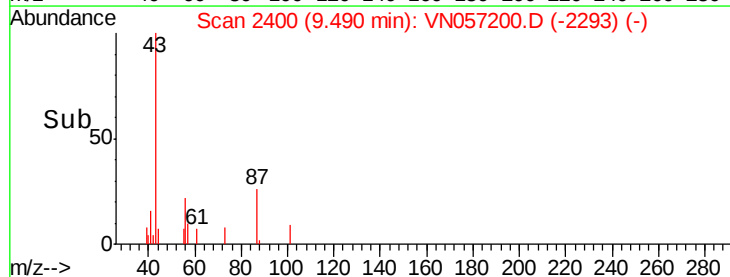
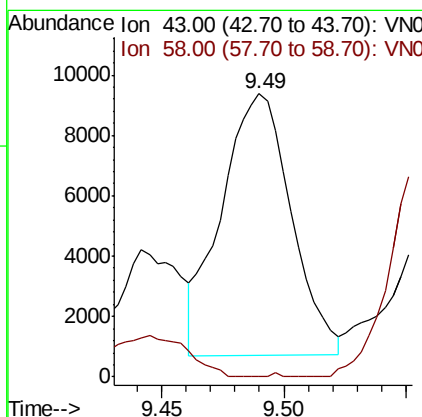
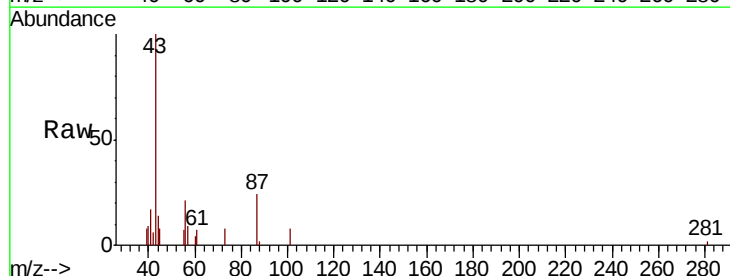
Instrument :
MSVOA_N
ClientSampleId :
OR-03-080919-B

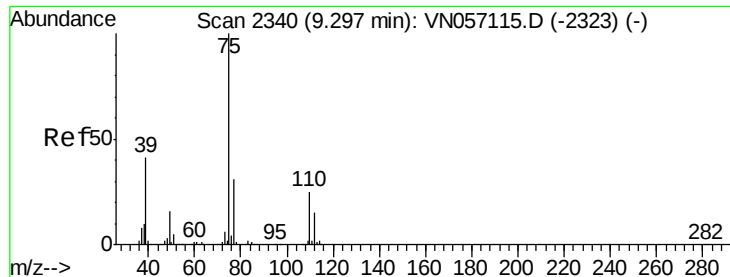
Tgt Ion: 98 Resp: 2203756
Ion Ratio Lower Upper
98 100
100 65.0 51.2 76.8



#51
4-Methyl-2-Pentanone
Concen: 1.353 ug/l
RT: 9.49 min Scan# 2400
Delta R.T. 0.04 min
Lab File: VN057200.D
Acq: 11 Aug 2019 20:19

Tgt Ion: 43 Resp: 17161
Ion Ratio Lower Upper
43 100
58 0.0 33.2 49.8#



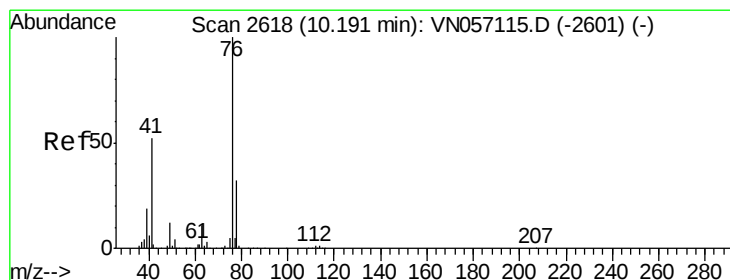
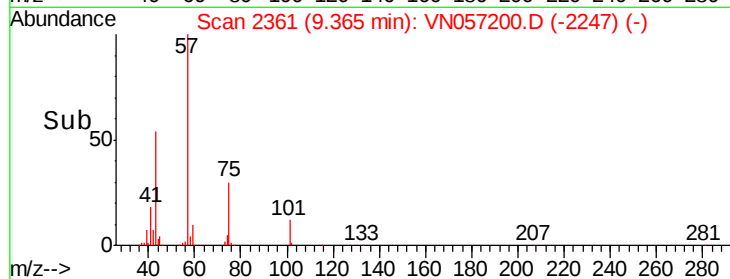
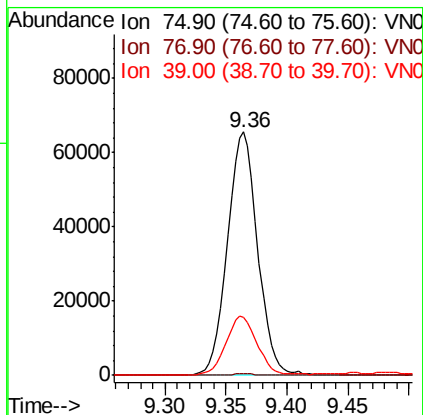
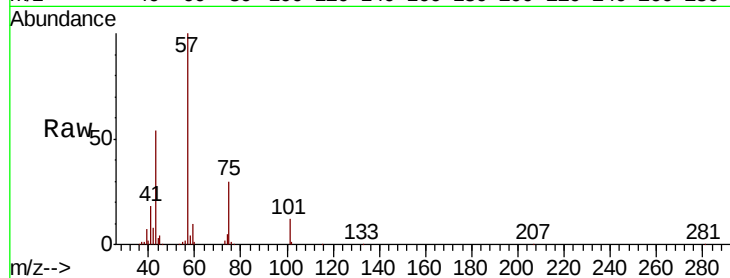


#54

cis-1,3-Dichloropropene
 Concen: 6.004 ug/l
 RT: 9.36 min Scan# 2361
 Delta R.T. 0.07 min
 Lab File: VN057200.D
 Acq: 11 Aug 2019 20:19

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-03-080919-B

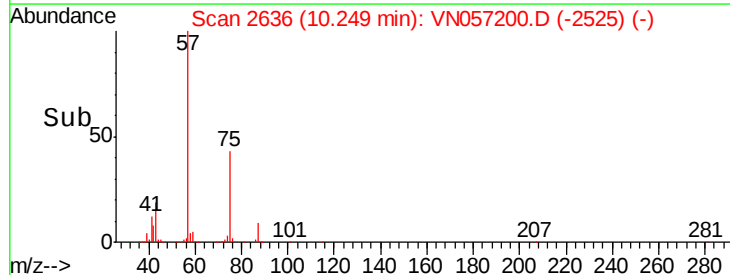
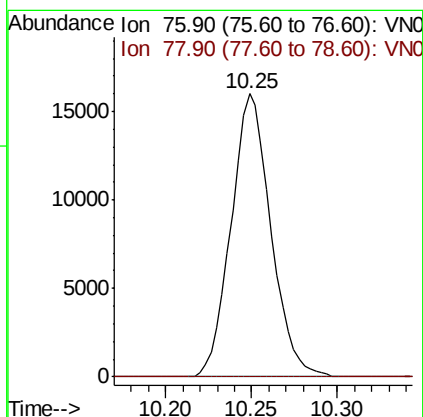
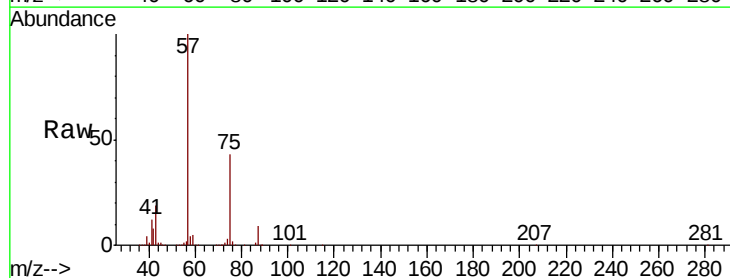
Tgt Ion: 75 Resp: 113365
 Ion Ratio Lower Upper
 75 100
 77 0.6 25.1 37.7#
 39 23.8 32.5 48.7#

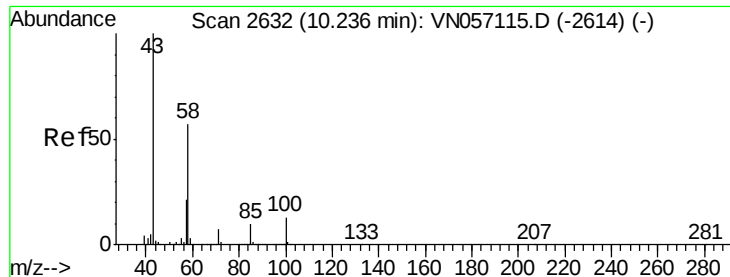


#57

1,3-Dichloropropane
 Concen: 1.301 ug/l
 RT: 10.25 min Scan# 2636
 Delta R.T. 0.06 min
 Lab File: VN057200.D
 Acq: 11 Aug 2019 20:19

Tgt Ion: 76 Resp: 25670
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.9 38.9#

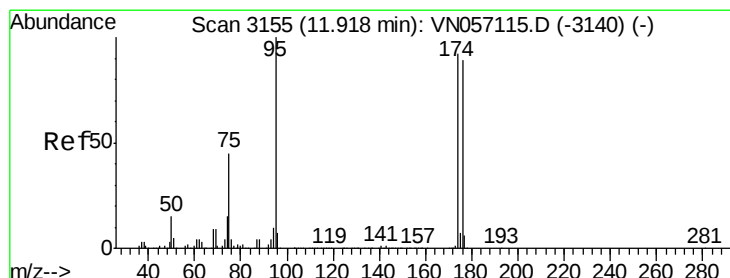
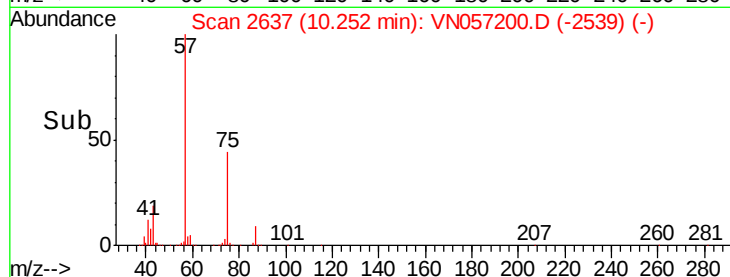
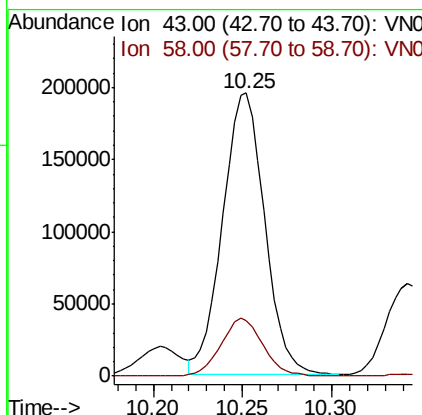
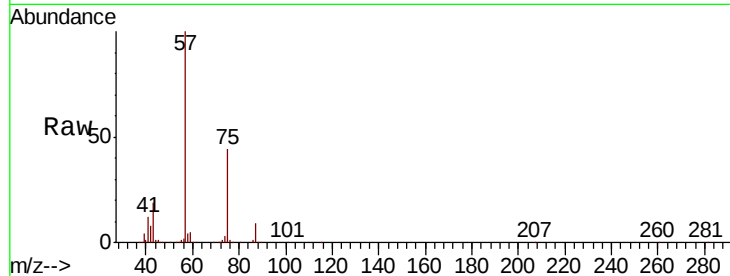




#59
2-Hexanone
Concen: 37.412 ug/l
RT: 10.25 min Scan# 2637
Delta R.T. 0.02 min
Lab File: VN057200.D
Acq: 11 Aug 2019 20:19

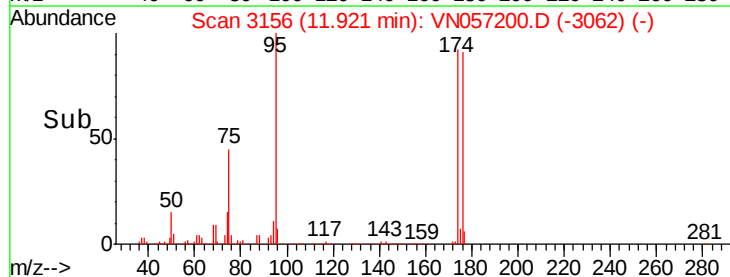
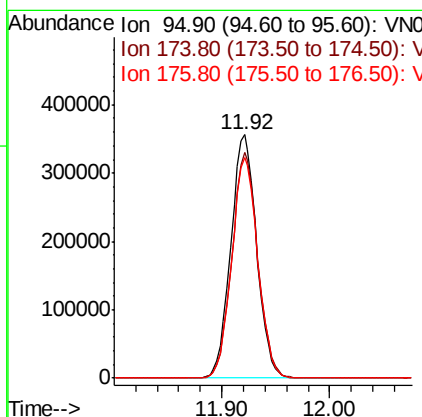
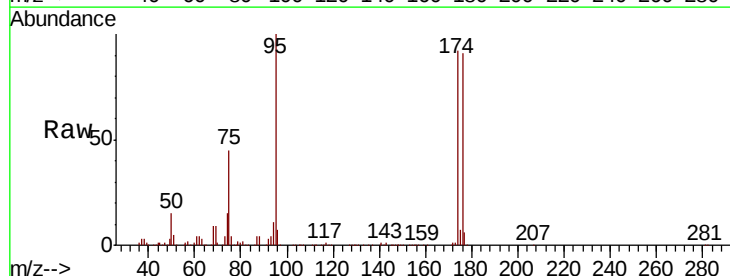
Instrument :
MSVOA_N
ClientSampleId :
OR-03-080919-B

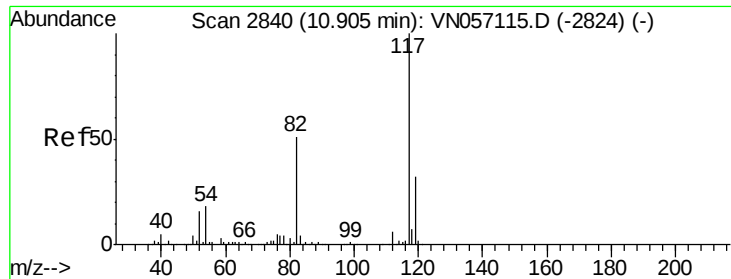
Tgt Ion: 43 Resp: 321088
Ion Ratio Lower Upper
43 100
58 20.6 29.2 87.6#



#62
4-Bromofluorobenzene
Concen: 40.868 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN057200.D
Acq: 11 Aug 2019 20:19

Tgt Ion: 95 Resp: 594712
Ion Ratio Lower Upper
95 100
174 92.7 0.0 185.0
176 91.1 0.0 181.2

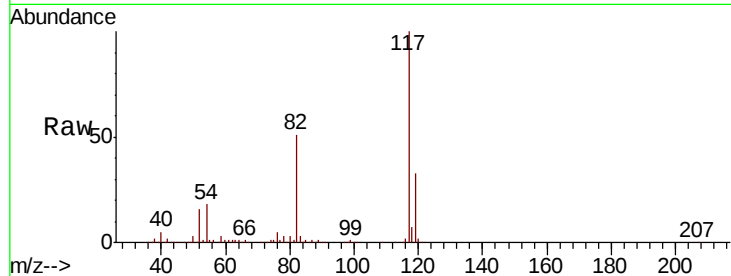




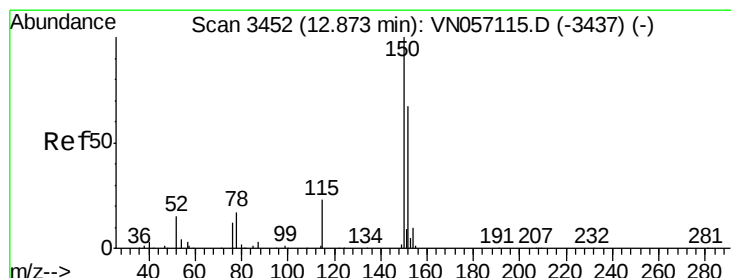
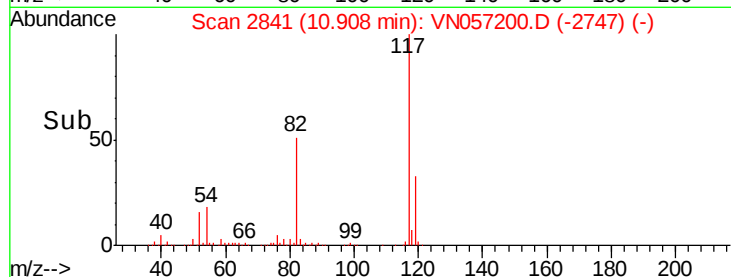
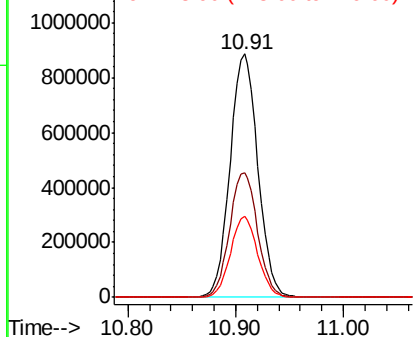
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.91 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VN057200.D
 Acq: 11 Aug 2019 20:19

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-03-080919-B

Tgt Ion:117 Resp: 1580903
 Ion Ratio Lower Upper
 117 100
 82 51.3 40.8 61.2
 119 33.3 25.7 38.5

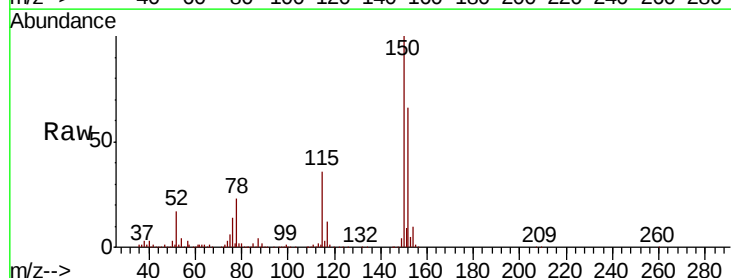


Abundance Ion 116.90 (116.60 to 117.60): V
 1200000
 Ion 82.00 (81.70 to 82.70): V
 Ion 118.90 (118.60 to 119.60): V

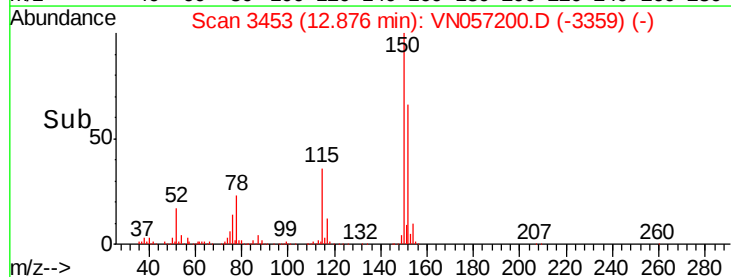
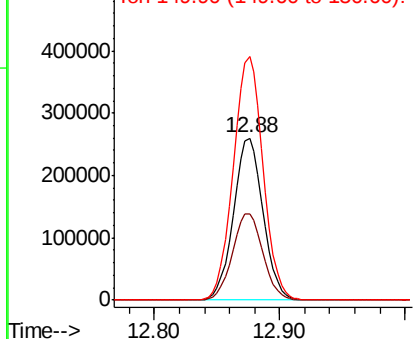


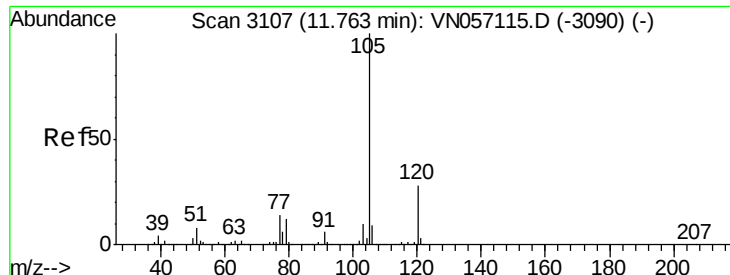
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.88 min Scan# 3453
 Delta R.T. 0.00 min
 Lab File: VN057200.D
 Acq: 11 Aug 2019 20:19

Tgt Ion:152 Resp: 423627
 Ion Ratio Lower Upper
 152 100
 115 54.6 27.5 82.5
 150 152.1 0.0 341.6



Abundance Ion 151.90 (151.60 to 152.60): V
 500000
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: Below Cal

RT: 11.77 min Scan# 3109

Delta R.T. 0.01 min

Lab File: VN057200.D

Acq: 11 Aug 2019 20:19

Instrument :

MSVOA_N

ClientSampleId :

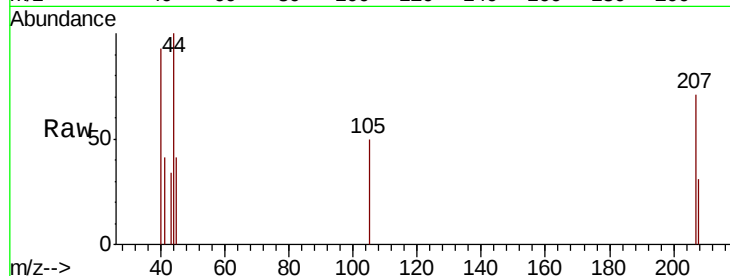
OR-03-080919-B

Tgt Ion: 105 Resp: 276

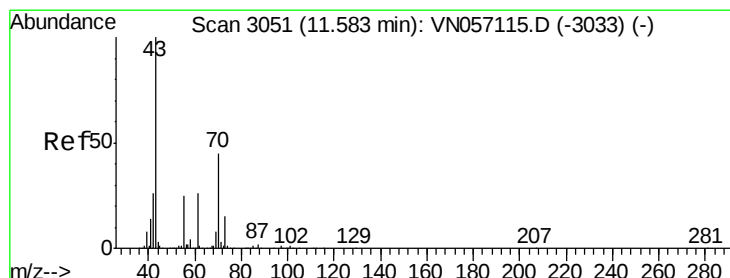
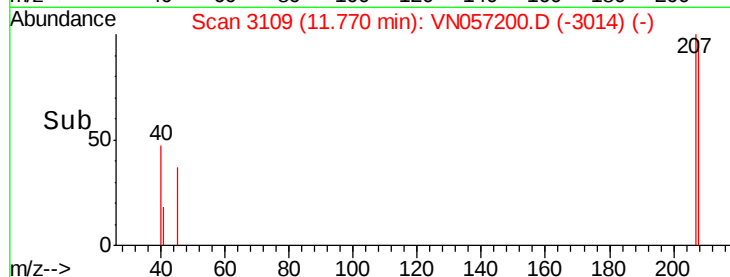
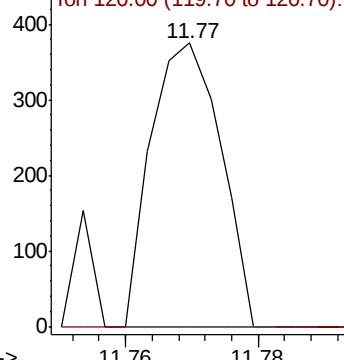
Ion Ratio Lower Upper

105 100

120 0.0 13.7 41.0#



Abundance Ion 105.00 (104.70 to 105.70): V



#74

N-ethyl acetate

Concen: 3.022 ug/l

RT: 11.39 min Scan# 2991

Delta R.T. -0.19 min

Lab File: VN057200.D

Acq: 11 Aug 2019 20:19

Tgt Ion: 43 Resp: 32444

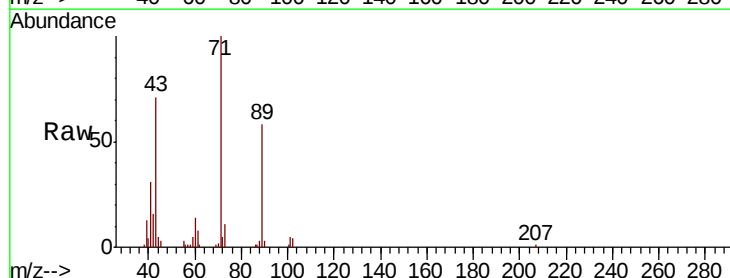
Ion Ratio Lower Upper

43 100

70 2.7 36.8 55.2#

55 4.6 20.6 31.0#

61 10.3 21.0 31.4#

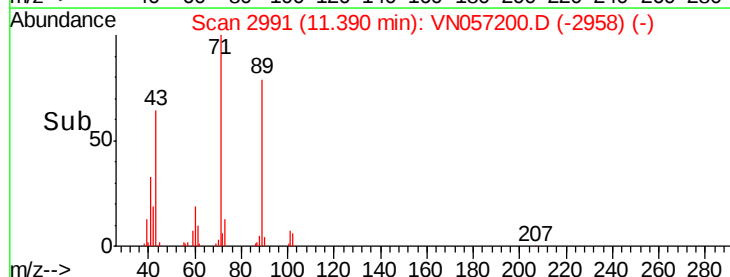
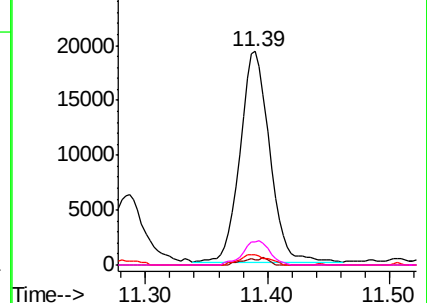


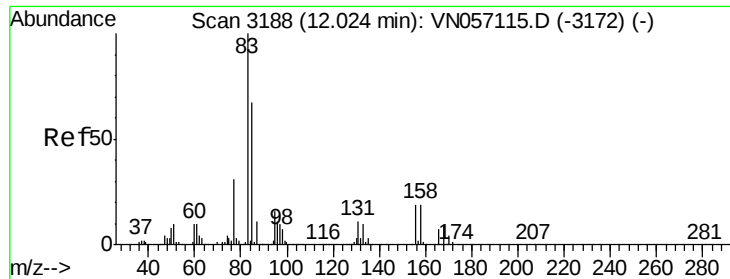
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 11.92 min Scan# 3156

Delta R.T. -0.10 min

Lab File: VN057200.D

Acq: 11 Aug 2019 20:19

Instrument :

MSVOA_N

ClientSampleId :

OR-03-080919-B

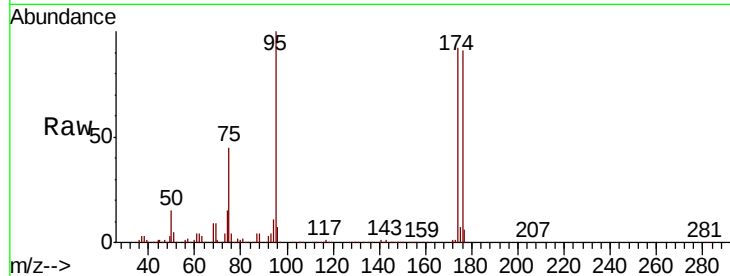
Tgt Ion: 83 Resp: 323

Ion Ratio Lower Upper

83 100

131 201.9 5.5 16.4#

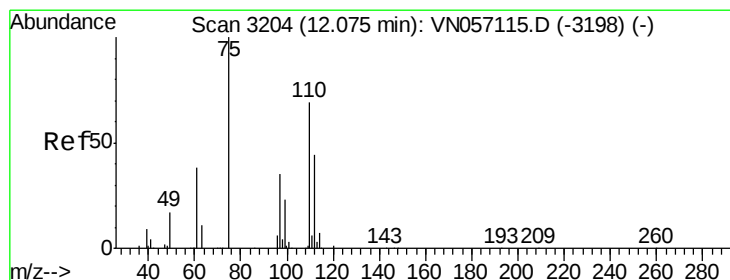
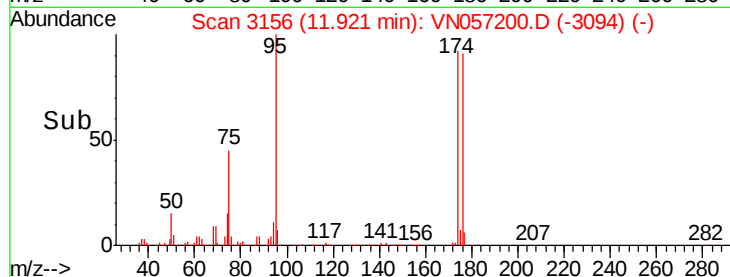
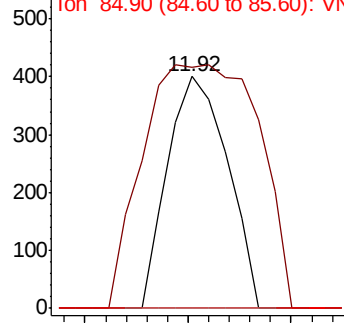
85 0.0 32.4 97.0#



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 31.382 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. -0.15 min

Lab File: VN057200.D

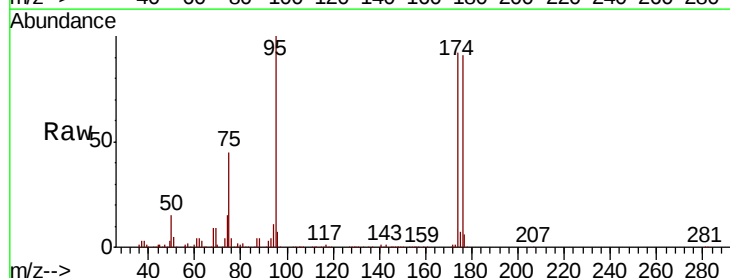
Acq: 11 Aug 2019 20:19

Tgt Ion: 75 Resp: 268604

Ion Ratio Lower Upper

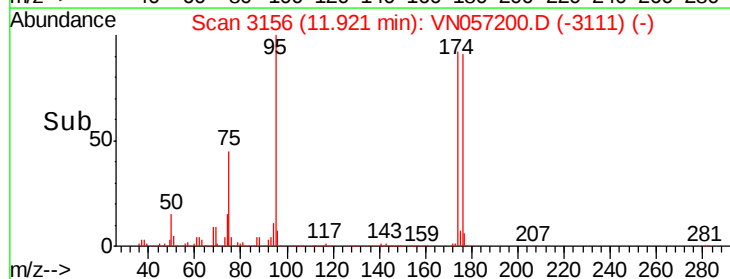
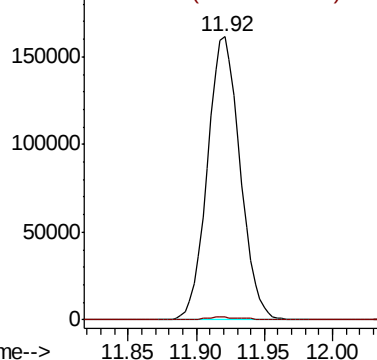
75 100

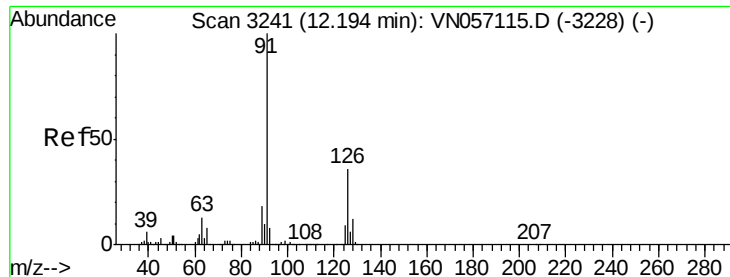
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.19 min Scan# 3241

Delta R.T. 0.00 min

Lab File: VN057200.D

Acq: 11 Aug 2019 20:19

Instrument :

MSVOA_N

ClientSampleId :

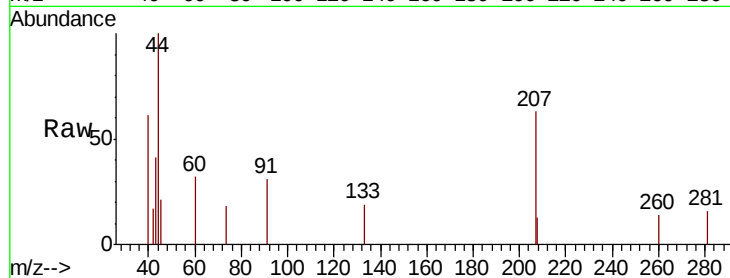
OR-03-080919-B

Tgt Ion: 91 Resp: 311

Ion Ratio Lower Upper

91 100

126 0.0 18.1 54.3#



Abundance Ion 91.00 (90.70 to 91.70): VN057115.D (-3228) (-)

Ion 125.90 (125.60 to 126.60): VN057115.D (-3228) (-)

12.19

400

300

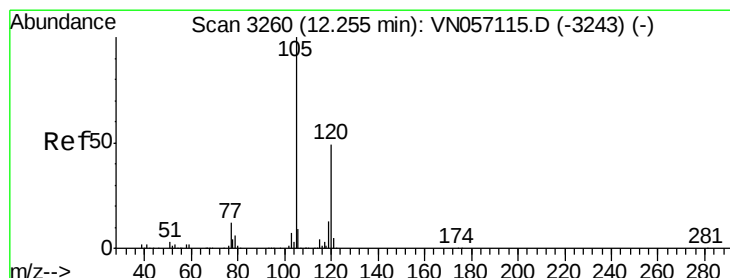
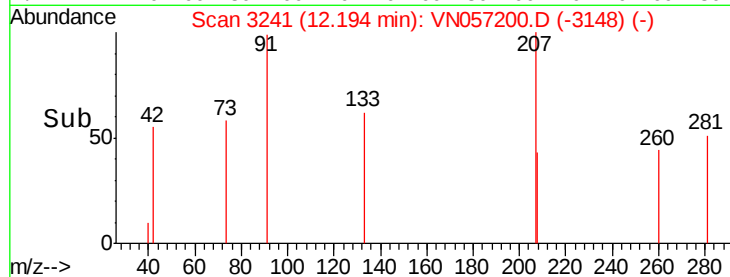
200

100

0

12.18 12.20

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.432 ug/l

RT: 12.26 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN057200.D

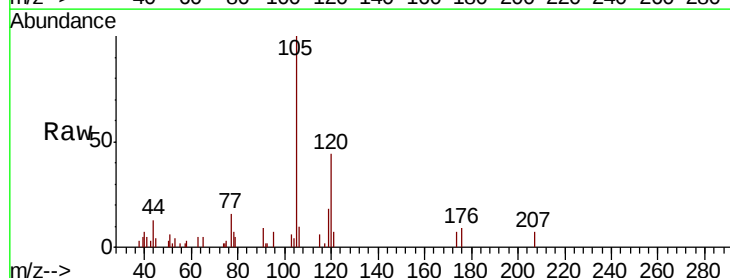
Acq: 11 Aug 2019 20:19

Tgt Ion: 105 Resp: 14120

Ion Ratio Lower Upper

105 100

120 42.1 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): VN057115.D (-3243) (-)

Ion 120.00 (119.70 to 120.70): VN057115.D (-3243) (-)

12.26

10000

8000

6000

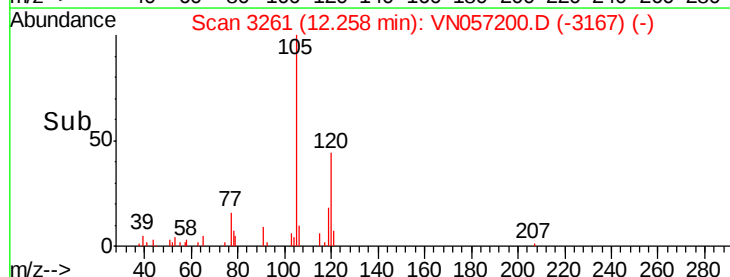
4000

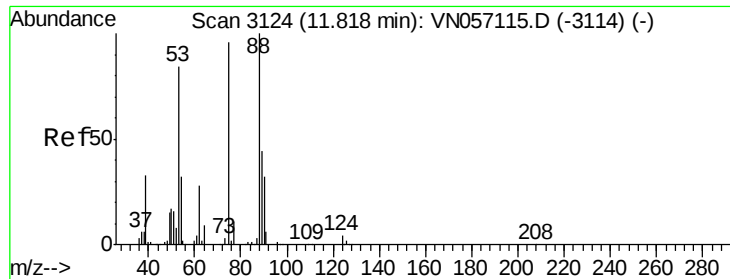
2000

0

12.20 12.25 12.30

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 93.229 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. 0.10 min

Lab File: VN057200.D

Acq: 11 Aug 2019 20:19

Instrument :

MSVOA_N

ClientSampleId :

OR-03-080919-B

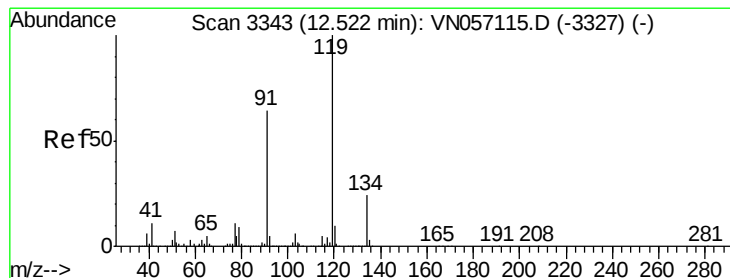
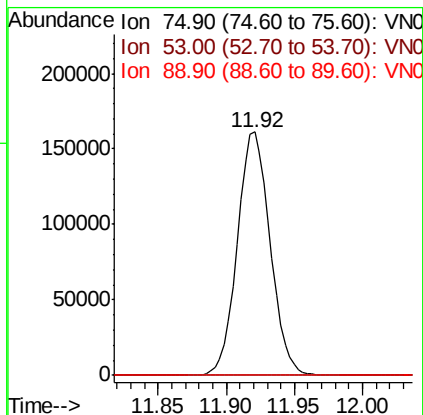
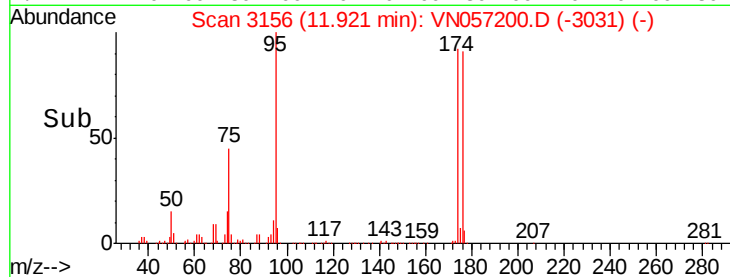
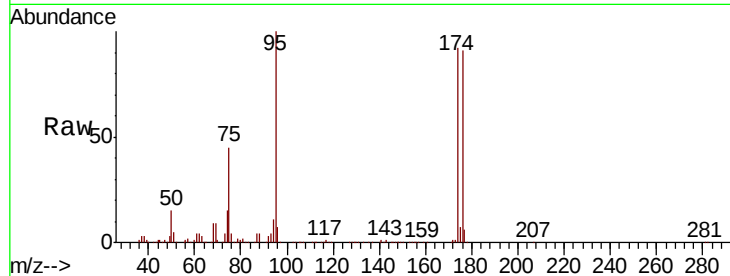
Tgt Ion: 75 Resp: 268604

Ion Ratio Lower Upper

75 100

53 0.0 70.6 106.0#

89 0.0 36.4 54.6#



#83

tert-Butylbenzene

Concen: Below Cal

RT: 12.26 min Scan# 3261

Delta R.T. -0.26 min

Lab File: VN057200.D

Acq: 11 Aug 2019 20:19

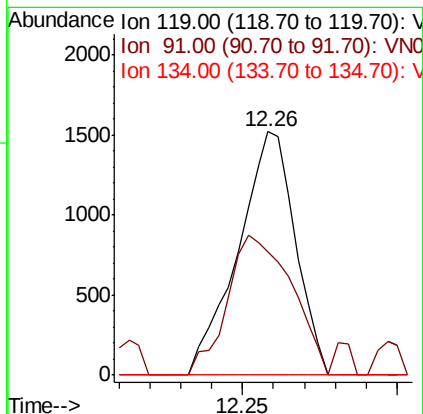
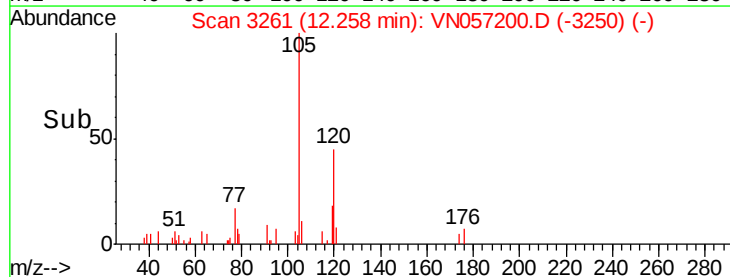
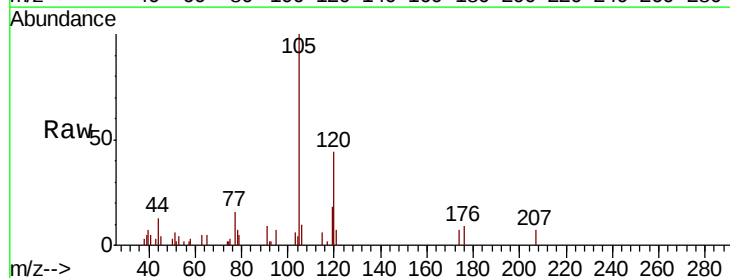
Tgt Ion: 119 Resp: 1945

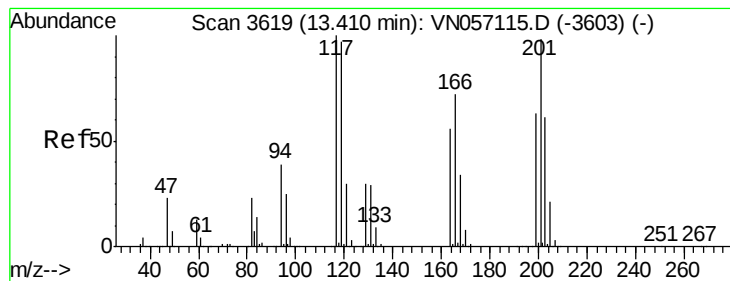
Ion Ratio Lower Upper

119 100

91 65.0 31.4 94.2

134 0.0 13.2 39.6#





#90

Hexachloroethane

Concen: Below Cal

RT: 13.49 min Scan# 3644

Delta R.T. 0.08 min

Lab File: VN057200.D

Acq: 11 Aug 2019 20:19

Instrument :

MSVOA_N

ClientSampleId :

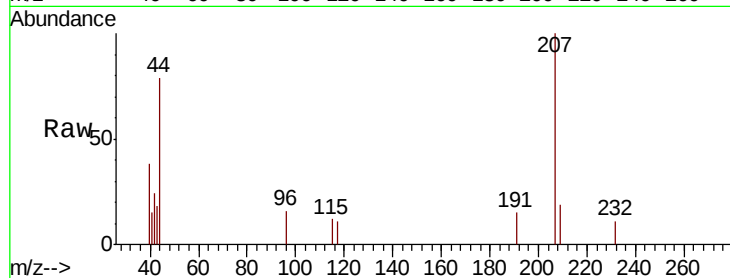
OR-03-080919-B

Tgt Ion:117 Resp: 30

Ion Ratio Lower Upper

117 100

201 0.0 49.3 147.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

13.49

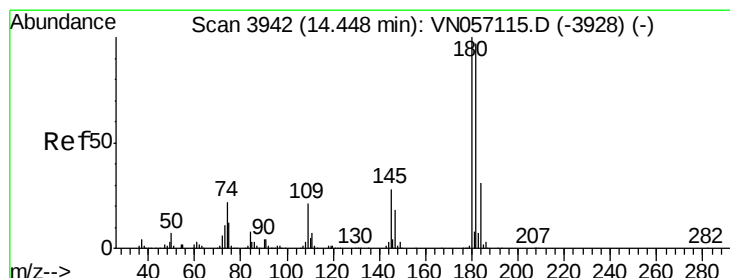
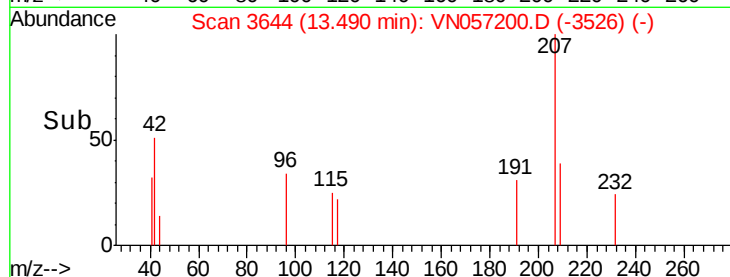
150

100

50

0

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 5.940 ug/l

RT: 14.45 min Scan# 3944

Delta R.T. 0.01 min

Lab File: VN057200.D

Acq: 11 Aug 2019 20:19

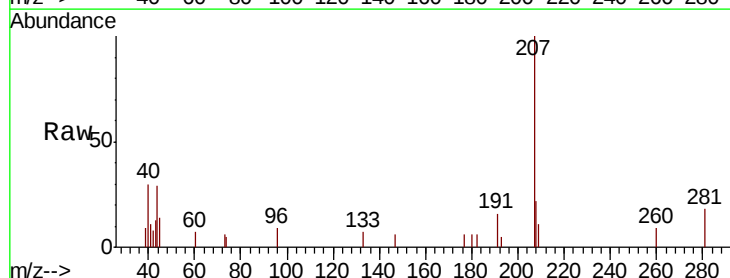
Tgt Ion:180 Resp: 72

Ion Ratio Lower Upper

180 100

182 159.7 47.5 142.6#

145 0.0 14.1 42.2#



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

300

250

200

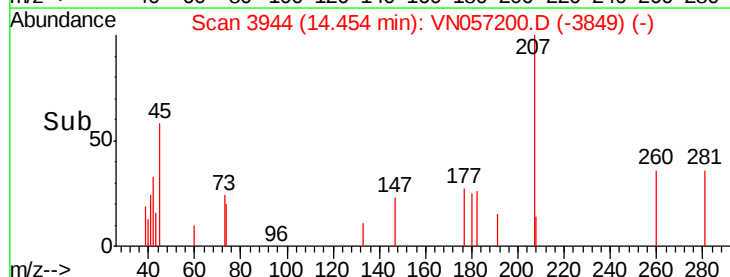
150

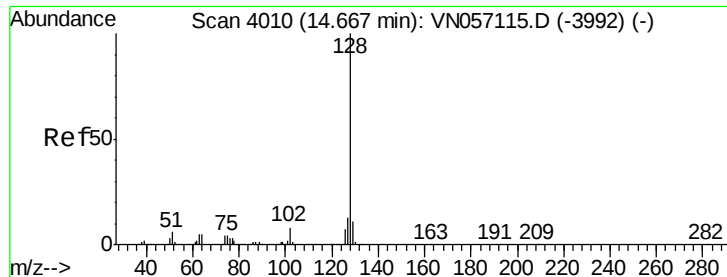
100

50

0

Time-->





#95

Naphthalene

Concen: 2.906 ug/l

RT: 14.68 min Scan# 4013

Delta R.T. 0.01 min

Lab File: VN057200.D

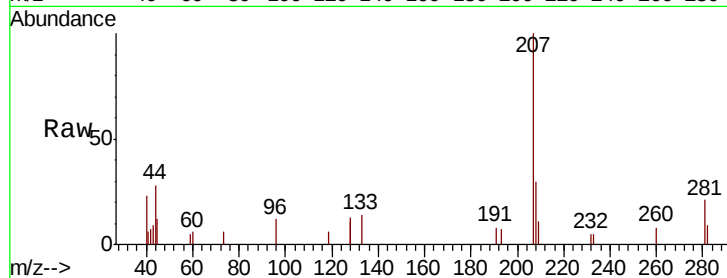
Acq: 11 Aug 2019 20:19

Instrument :

MSVOA_N

ClientSampleId :

OR-03-080919-B



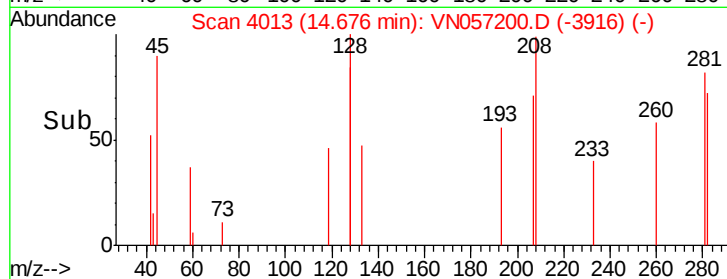
Tgt Ion:128 Resp: 1129

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 6.9 8.8 13.2#



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

