

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080819\
 Data File : VN057132.D
 Acq On : 8 Aug 2019 15:09
 Operator : JC/SP
 Sample : K4204-08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 13967

Quant Time: Aug 09 03:15:55 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	1402493	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	1987175	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.90	117	1668952	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.87	152	480076	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	657487	45.58	ug/l	0.00
Spiked Amount			Recovery	=	91.16%	
35) Dibromofluoromethane	6.99	113	598586	48.00	ug/l	0.00
Spiked Amount			Recovery	=	96.00%	
50) Toluene-d8	9.56	98	2308072	48.38	ug/l	0.00
Spiked Amount			Recovery	=	96.76%	
62) 4-Bromofluorobenzene	11.92	95	666654	43.37	ug/l	0.00
Spiked Amount			Recovery	=	86.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.23	59	15245	7.427	ug/l #	86
13) Acrolein	3.31	56	2428	1.870	ug/l #	14
16) Acetone	3.47	43	970870	222.884	ug/l	99
18) Methyl Acetate	3.90	43	34440	2.023	ug/l	100
20) Methylene Chloride	4.10	84	35736	2.486	ug/l	96
25) 2-Butanone	6.20	43	339001	50.938	ug/l	100
30) Chloroform	6.76	83	232287	9.651	ug/l	98
31) Cyclohexane	7.05	56	20475	0.979	ug/l #	1
36) 1,1-Dichloropropene	7.05	75	82764	5.058	ug/l #	45
37) Ethyl Acetate	6.20	43	339001	25.128	ug/l #	70
38) Carbon Tetrachloride	7.05	117	119707	7.020	ug/l #	16
40) Benzene	7.46	78	21172	0.409	ug/l	92
41) Methacrylonitrile	6.55	41	2312	0.337	ug/l #	30
43) Isopropyl Acetate	7.56	43	35706	1.551	ug/l #	52
49) 1,4-Dioxane	8.48	88	75	0.339	ug/l #	1
51) 4-Methyl-2-Pentanone	9.45	43	131807	9.840	ug/l	99
52) Toluene	9.63	92	7792	0.242	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.32	63	213	13.144	ug/l #	47
59) 2-Hexanone	10.24	43	141358	15.592	ug/l	100
68) m/p-Xylenes	11.12	106	6244	0.293	ug/l	96
73) Isopropylbenzene	11.77	105	801	Below Cal	#	55
74) N-amyl acetate	11.54	43	21614	1.777	ug/l #	45
75) 1,1,2,2-Tetrachloroethane	12.04	83	410	Below Cal	#	25
76) 1,2,3-Trichloropropane	11.92	75	302498	31.167	ug/l #	100
79) 2-Chlorotoluene	12.19	91	864	Below Cal		95
81) trans-1,4-Dichloro-2-buten	11.92	75	302498	92.647	ug/l #	14
83) tert-Butylbenzene	12.53	119	537	Below Cal		78
90) Hexachloroethane	13.42	117	32	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.45	180	277	5.965	ug/l #	1
94) Hexachlorobutadiene	14.54	225	269	Below Cal	#	42
95) Naphthalene	14.67	128	2075	2.970	ug/l #	74
96) 1,2,3-Trichlorobenzene	14.83	180	1003	5.845	ug/l #	85

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Response via : Initial Calibration

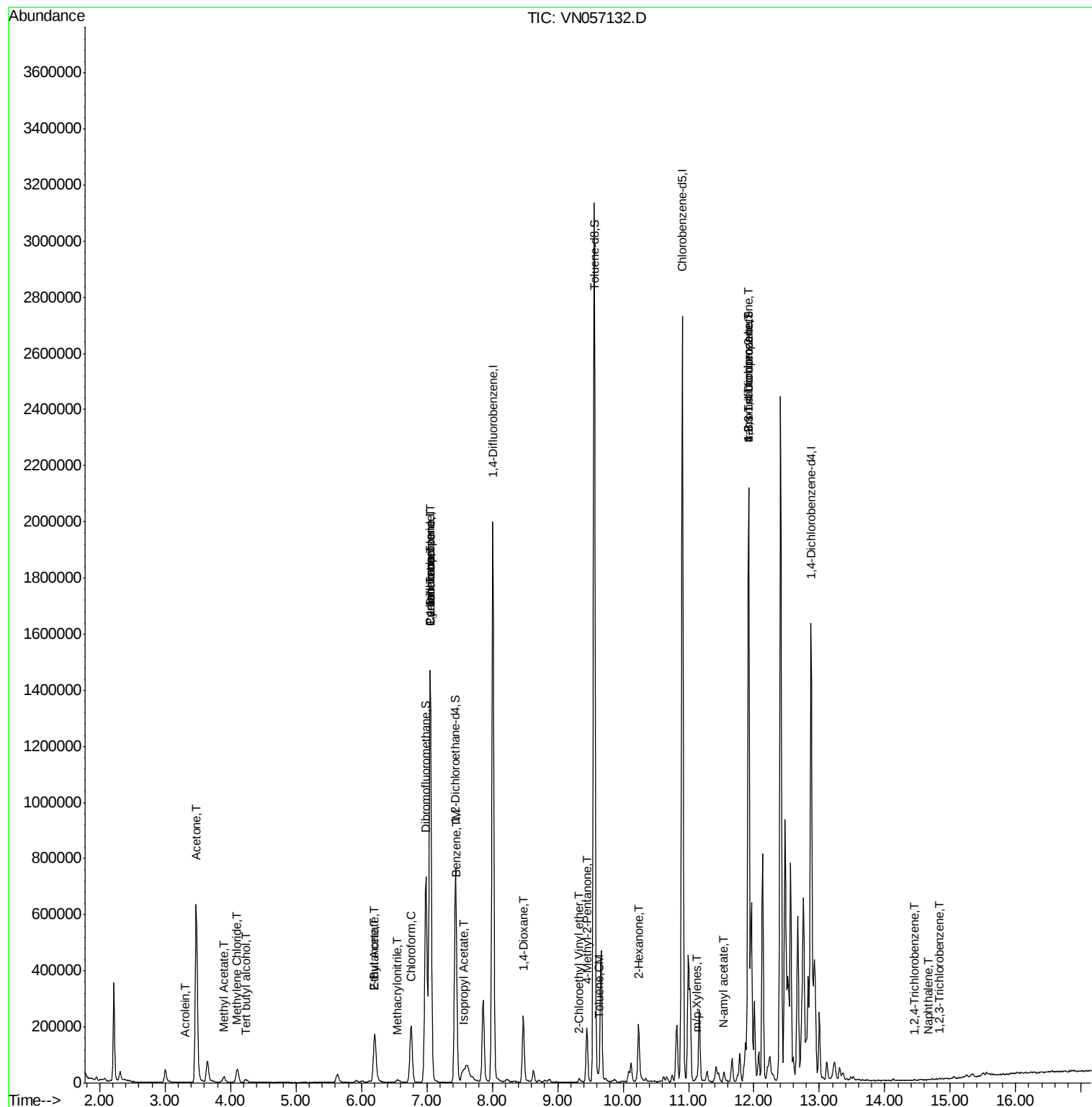
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

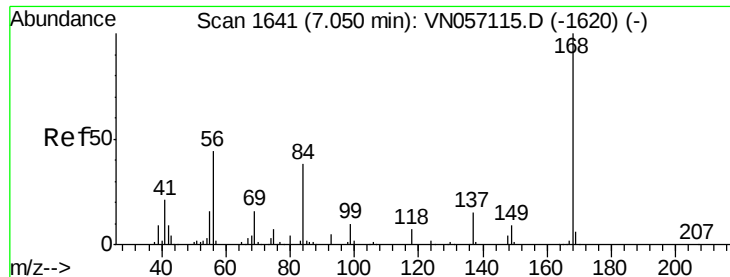
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 1642

Delta R.T. 0.00 min

Lab File: VN057132.D

Acq: 8 Aug 2019 15:09

Instrument :

MSVOA_N

ClientSampleId :

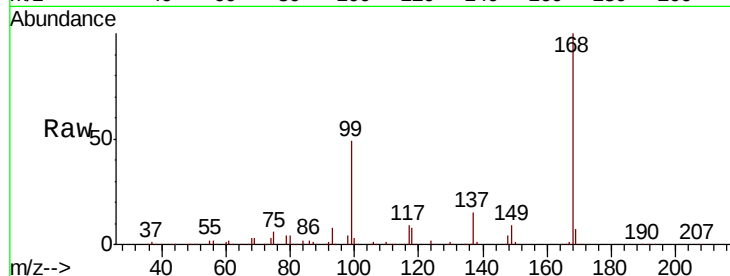
13967

Tgt Ion:168 Resp: 1402493

Ion Ratio Lower Upper

168 100

99 49.1 38.6 57.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.05

600000

500000

400000

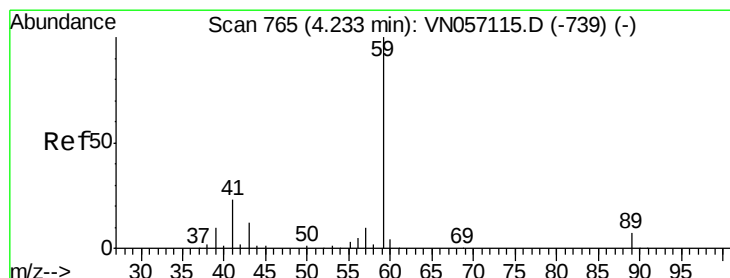
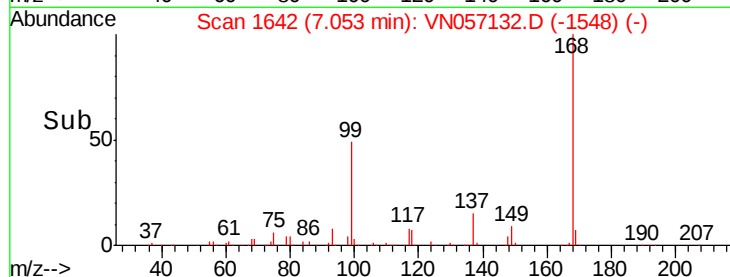
300000

200000

100000

0

Time--> 6.90 7.00 7.10 7.20



#11

Tert butyl alcohol

Concen: 7.427 ug/l

RT: 4.23 min Scan# 765

Delta R.T. -0.00 min

Lab File: VN057132.D

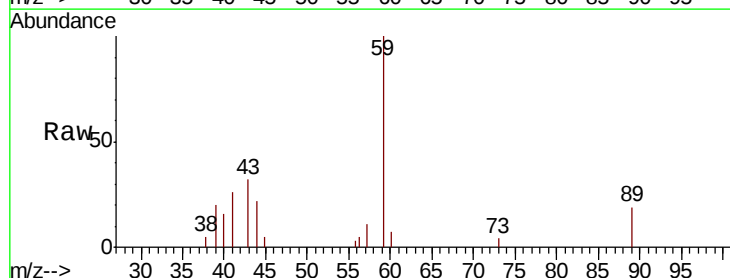
Acq: 8 Aug 2019 15:09

Tgt Ion: 59 Resp: 15245

Ion Ratio Lower Upper

59 100

57 4.6 7.9 11.9#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

4.23

5000

4000

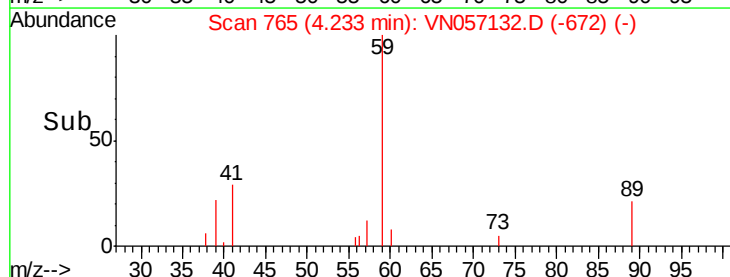
3000

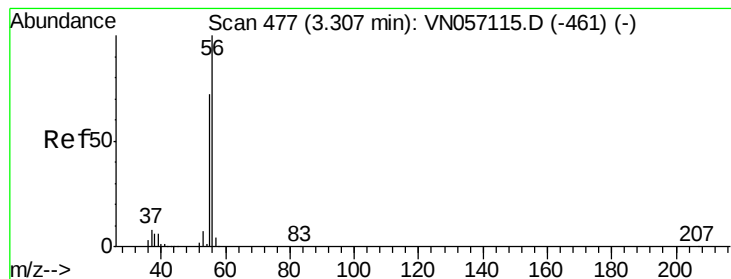
2000

1000

0

Time--> 4.15 4.20 4.25 4.30





#13

Acrolein

Concen: 1.870 ug/l

RT: 3.31 min Scan# 478

Delta R.T. 0.00 min

Lab File: VN057132.D

Acq: 8 Aug 2019 15:09

Instrument :

MSVOA_N

ClientSampled :

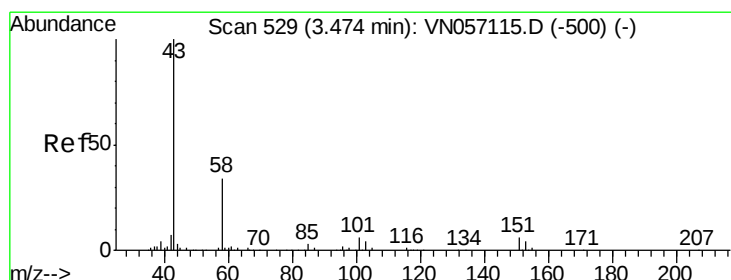
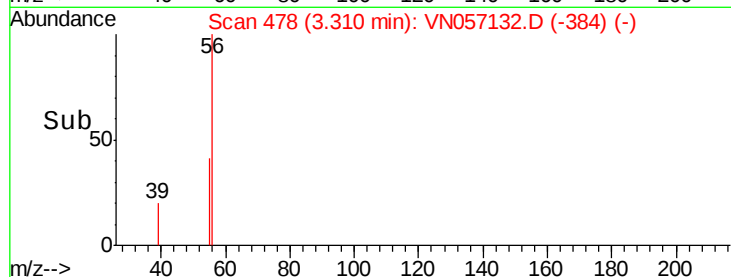
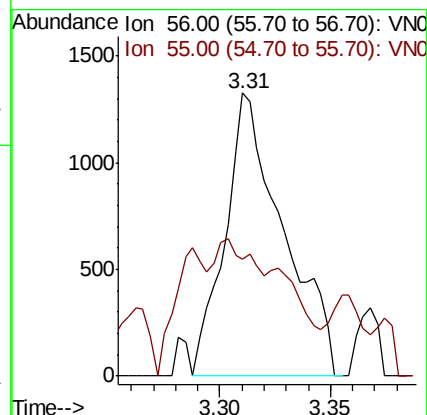
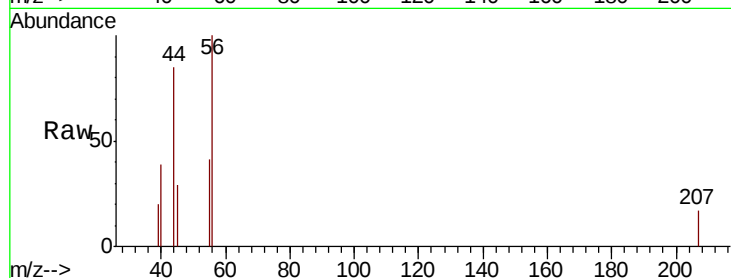
13967

Tgt Ion: 56 Resp: 2428

Ion Ratio Lower Upper

56 100

55 0.0 57.7 86.5#



#16

Acetone

Concen: 222.884 ug/l

RT: 3.47 min Scan# 529

Delta R.T. -0.00 min

Lab File: VN057132.D

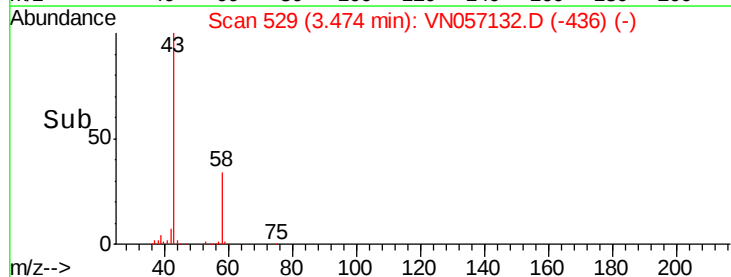
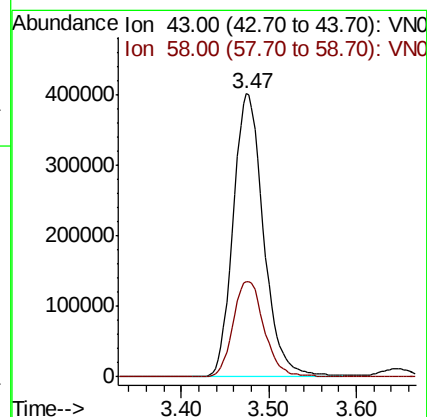
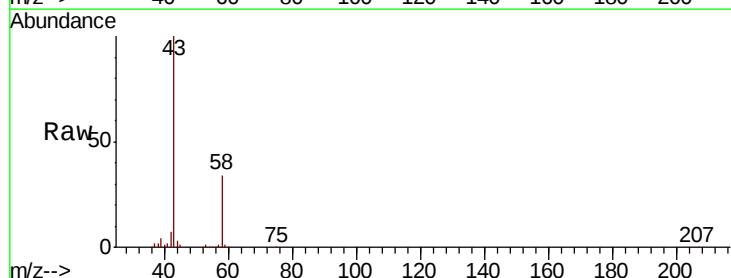
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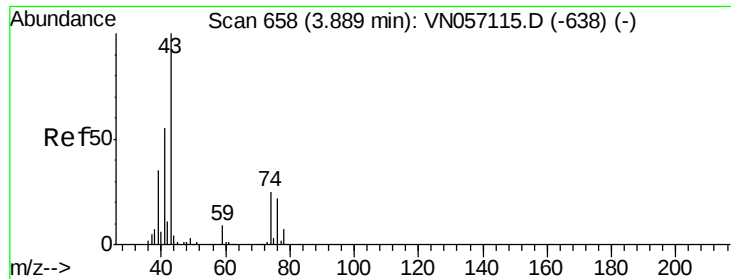
Tgt Ion: 43 Resp: 970870

Ion Ratio Lower Upper

43 100

58 33.6 27.4 41.2

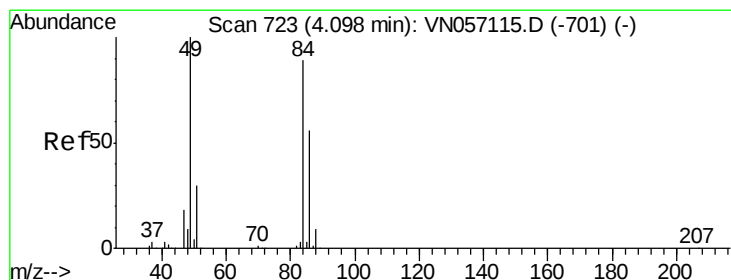
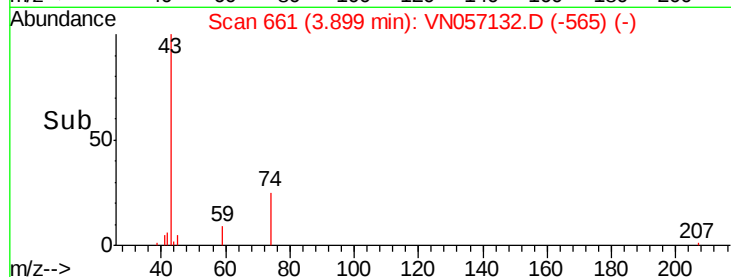
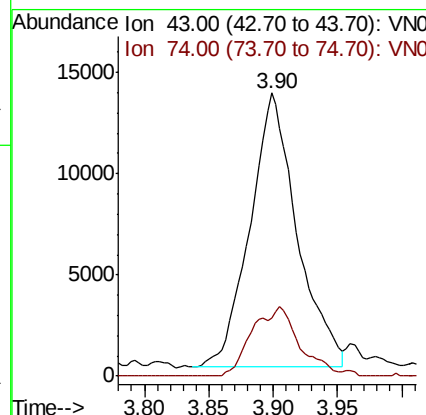
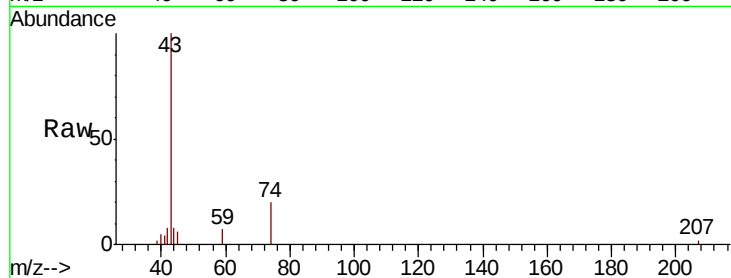




#18
Methyl Acetate
Concen: 2.023 ug/l
RT: 3.90 min Scan# 661
Delta R.T. 0.01 min
Lab File: VN057132.D
Acq: 8 Aug 2019 15:09

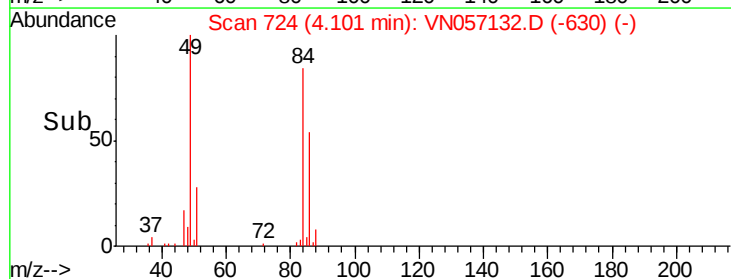
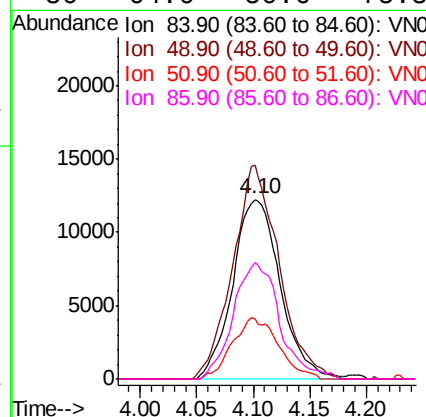
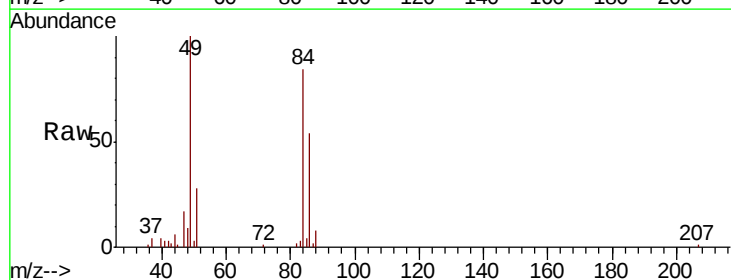
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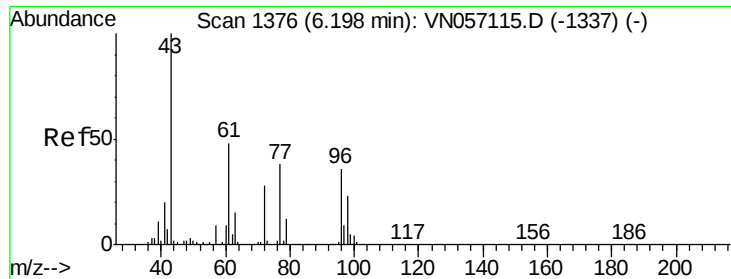
Tgt Ion: 43 Resp: 34440
Ion Ratio Lower Upper
43 100
74 25.5 20.2 30.4



#20
Methylene Chloride
Concen: 2.486 ug/l
RT: 4.10 min Scan# 724
Delta R.T. 0.00 min
Lab File: VN057132.D
Acq: 8 Aug 2019 15:09

Tgt Ion: 84 Resp: 35736
Ion Ratio Lower Upper
84 100
49 119.1 89.5 134.3
51 33.3 27.2 40.8
86 64.6 50.6 75.8

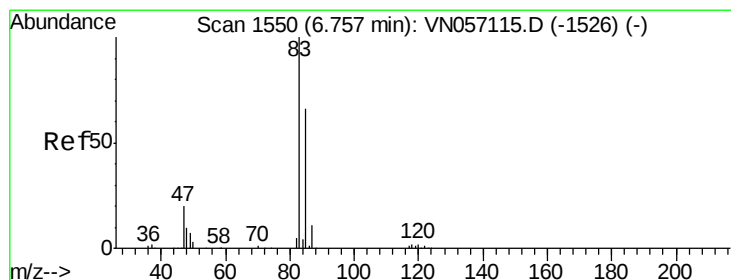
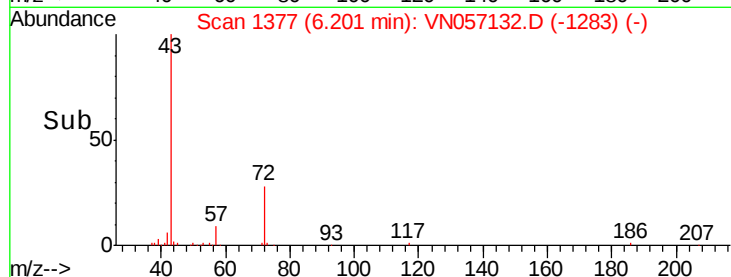
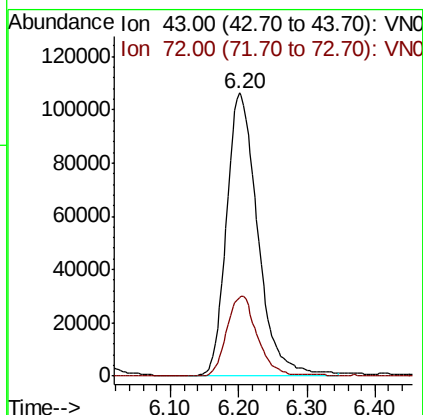
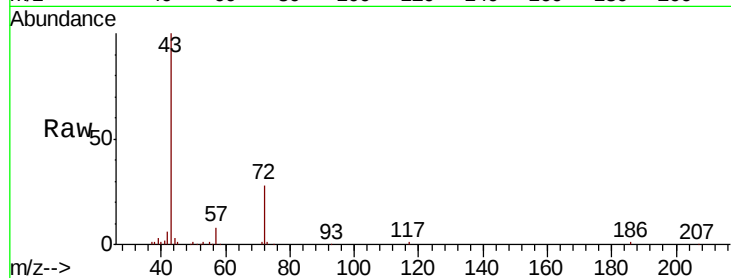




#25
2-Butanone
Concen: 50.938 ug/l
RT: 6.20 min Scan# 1377
Delta R.T. 0.00 min
Lab File: VN057132.D
Acq: 8 Aug 2019 15:09

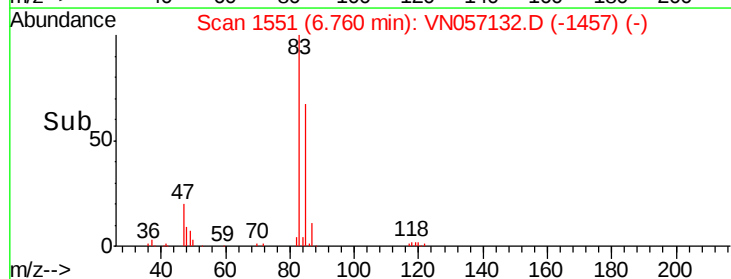
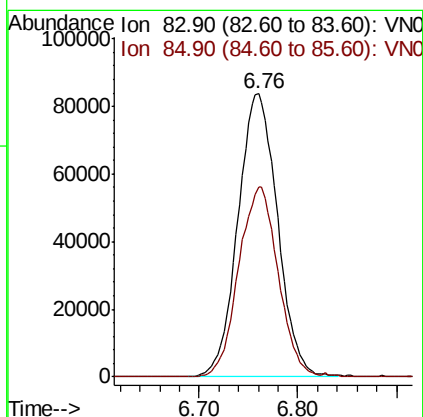
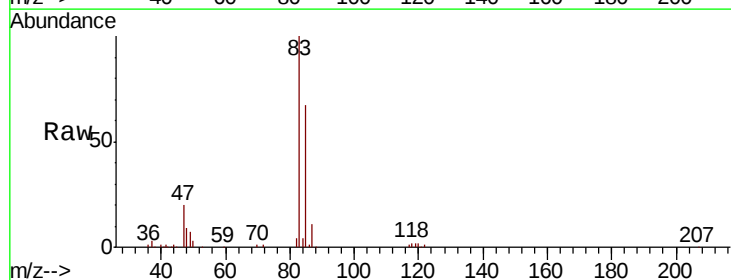
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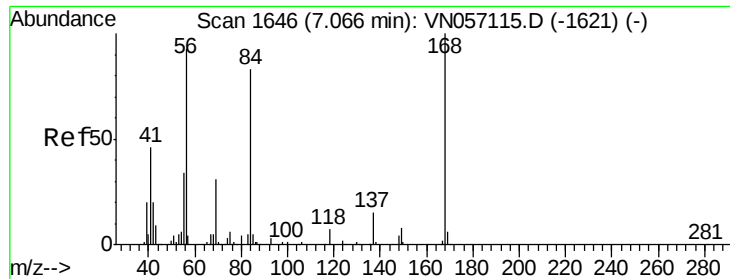
Tgt Ion: 43 Resp: 339001
Ion Ratio Lower Upper
43 100
72 27.9 22.2 33.4



#30
Chloroform
Concen: 9.651 ug/l
RT: 6.76 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VN057132.D
Acq: 8 Aug 2019 15:09

Tgt Ion: 83 Resp: 232287
Ion Ratio Lower Upper
83 100
85 67.3 52.6 78.8

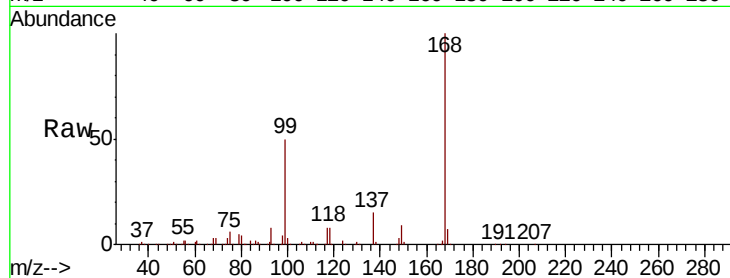




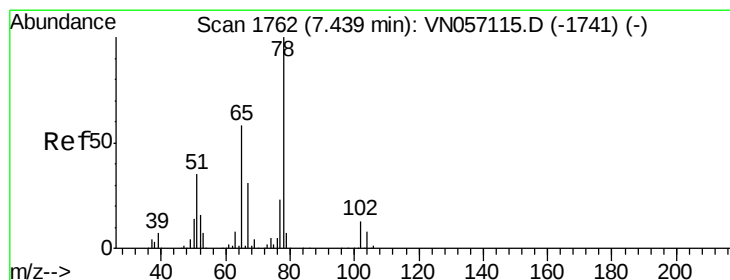
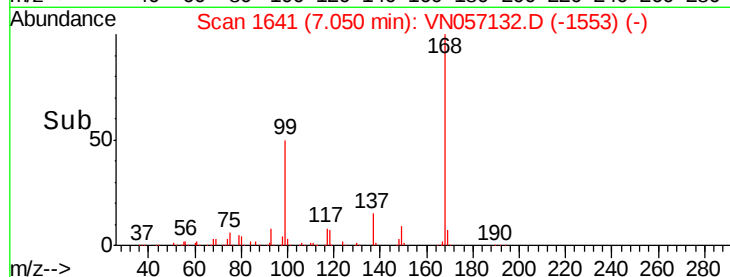
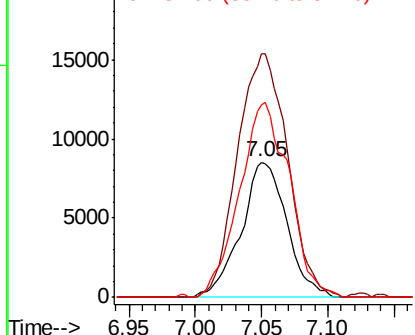
#31
Cyclohexane
Concen: 0.979 ug/l
RT: 7.05 min Scan# 1641
Delta R.T. -0.02 min
Lab File: VN057132.D
Acq: 8 Aug 2019 15:09

Instrument :
MSVOA_N
ClientSampled :
13967

Tgt Ion: 56 Resp: 20475
Ion Ratio Lower Upper
56 100
69 179.9 26.9 40.3#
84 140.3 71.9 107.9#

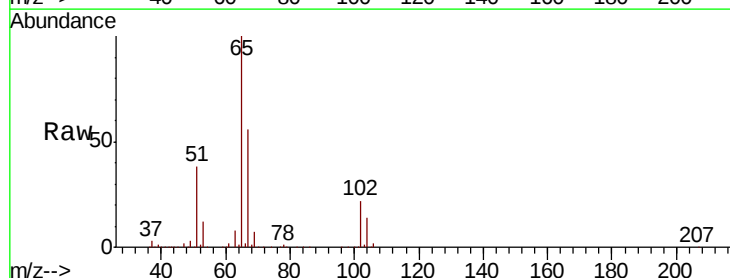


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

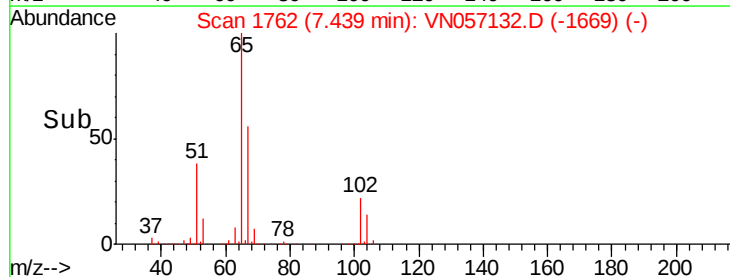
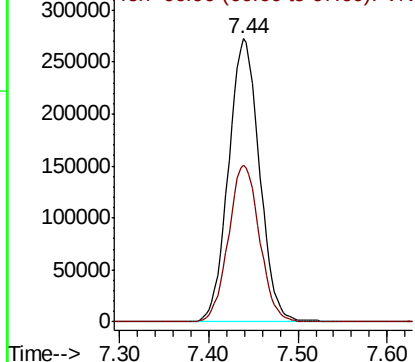


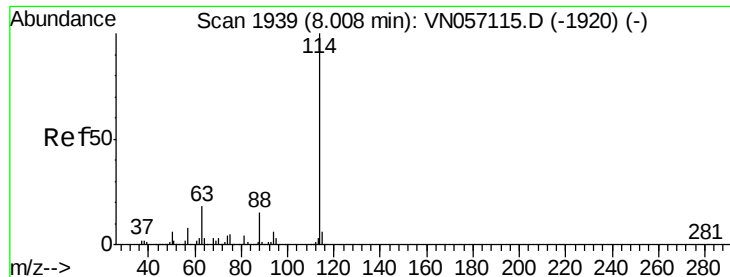
#33
1,2-Dichloroethane-d4
Concen: 45.584 ug/l
RT: 7.44 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VN057132.D
Acq: 8 Aug 2019 15:09

Tgt Ion: 65 Resp: 657487
Ion Ratio Lower Upper
65 100
67 55.3 0.0 108.2



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

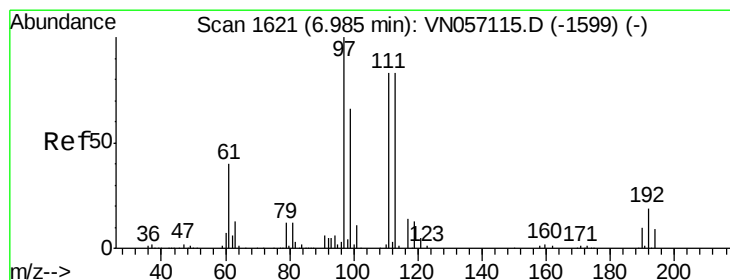
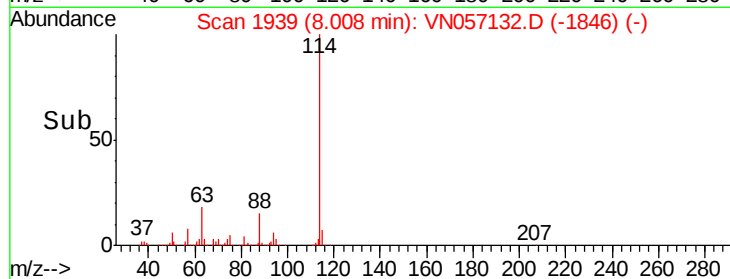
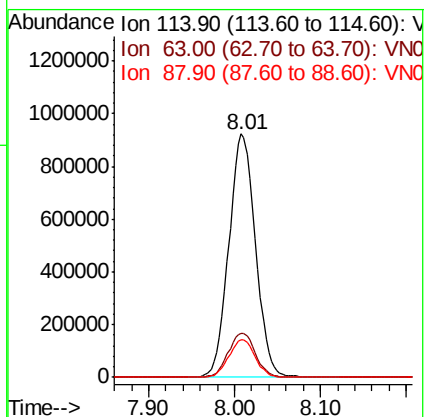
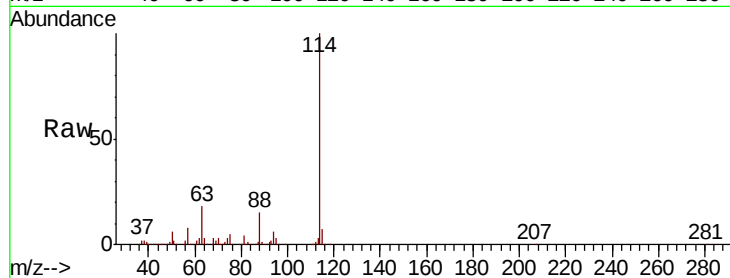




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.01 min Scan# 1939
Delta R.T. -0.00 min
Lab File: VN057132.D
Acq: 8 Aug 2019 15:09

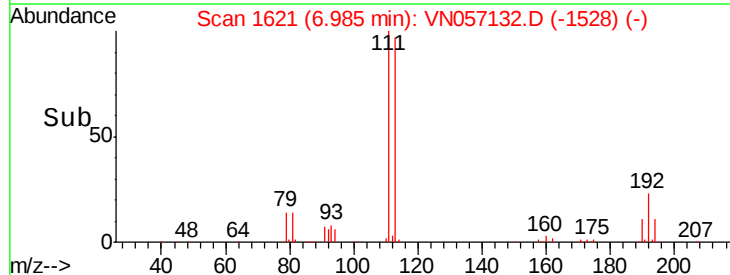
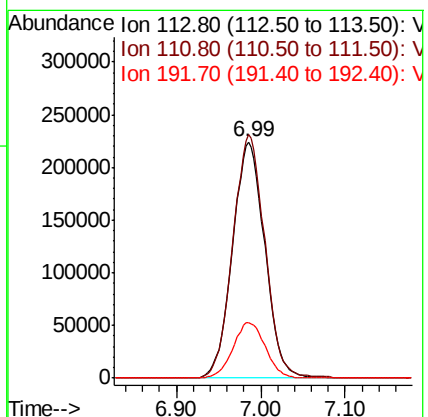
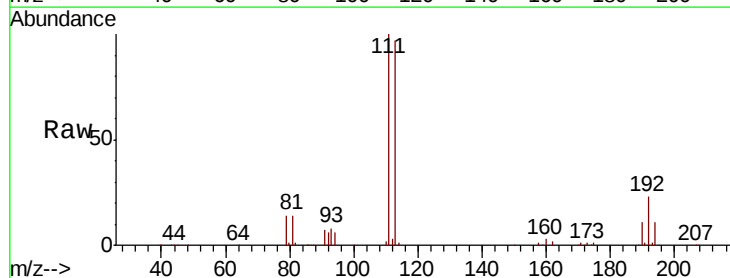
Instrument :
MSVOA_N
ClientSampleId :
13967

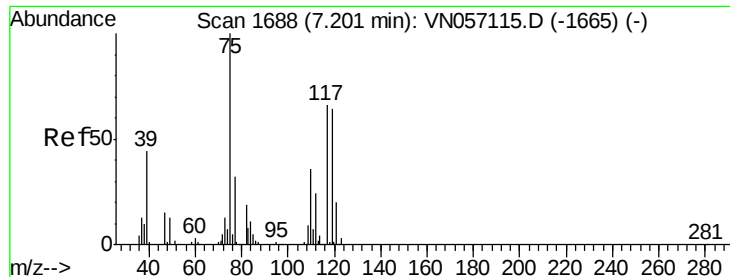
Tgt Ion:114 Resp: 1987175
Ion Ratio Lower Upper
114 100
63 18.1 0.0 36.2
88 15.4 0.0 30.0



#35
Dibromofluoromethane
Concen: 48.003 ug/l
RT: 6.99 min Scan# 1621
Delta R.T. -0.00 min
Lab File: VN057132.D
Acq: 8 Aug 2019 15:09

Tgt Ion:113 Resp: 598586
Ion Ratio Lower Upper
113 100
111 102.2 81.3 121.9
192 23.5 19.0 28.4





#36

1,1-Dichloropropene

Concen: 5.058 ug/l

RT: 7.05 min Scan# 1642

Delta R.T. -0.15 min

Lab File: VN057132.D

Acq: 8 Aug 2019 15:09

Instrument :

MSVOA_N

ClientSampled :

13967

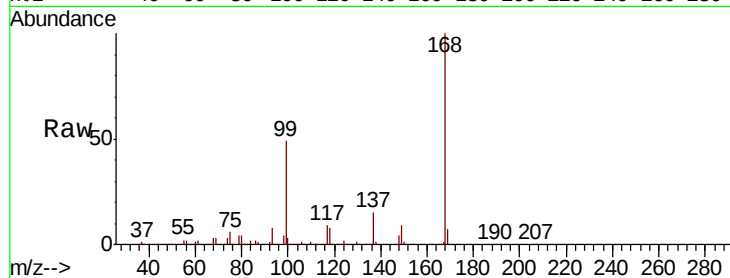
Tgt Ion: 75 Resp: 82764

Ion Ratio Lower Upper

75 100

110 5.7 18.7 56.1#

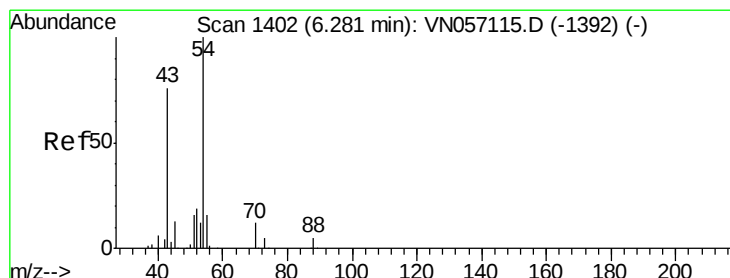
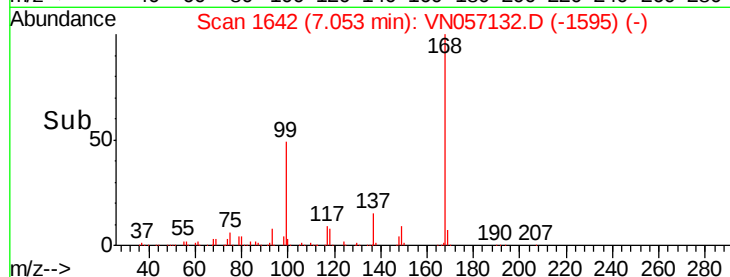
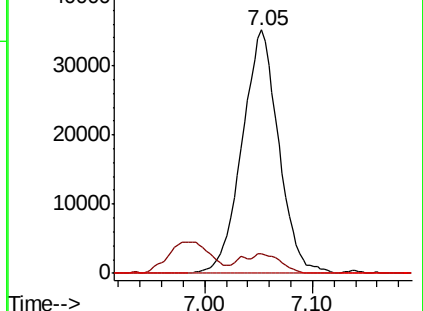
77 0.0 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#37

Ethyl Acetate

Concen: 25.128 ug/l

RT: 6.20 min Scan# 1377

Delta R.T. -0.08 min

Lab File: VN057132.D

Acq: 8 Aug 2019 15:09

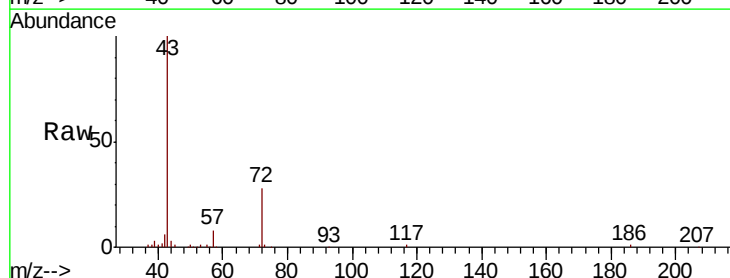
Tgt Ion: 43 Resp: 339001

Ion Ratio Lower Upper

43 100

61 0.0 0.0 0.0

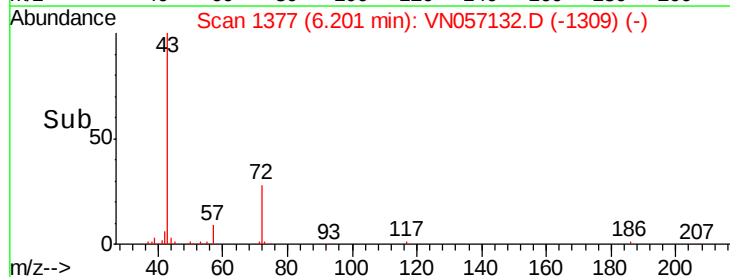
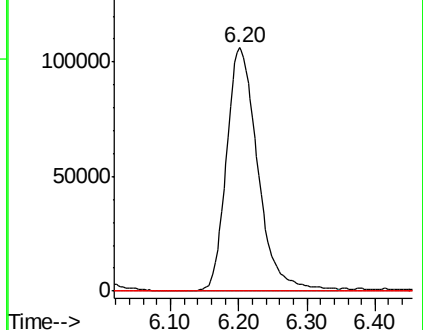
70 0.0 9.1 13.7#

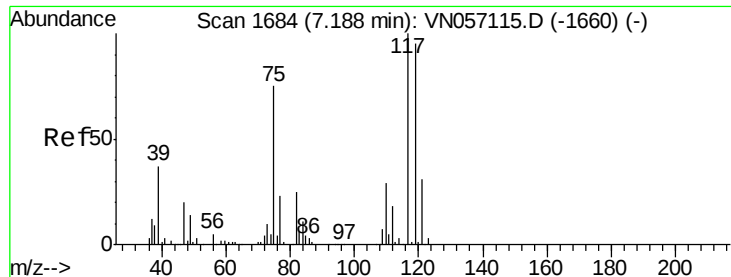


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 70.00 (69.70 to 70.70): VN0





#38

Carbon Tetrachloride

Concen: 7.020 ug/l

RT: 7.05 min Scan# 1642

Delta R.T. -0.14 min

Lab File: VN057132.D

Acq: 8 Aug 2019 15:09

Instrument :

MSVOA_N

ClientSampleId :

13967

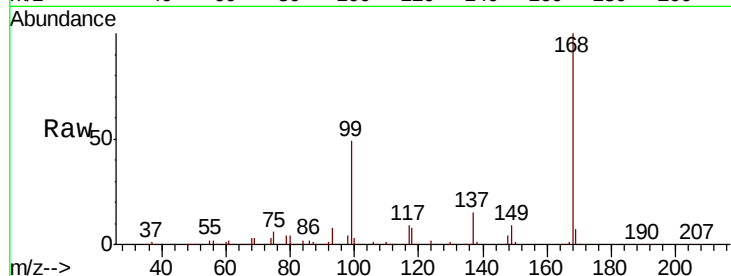
Tgt Ion:117 Resp: 119707

Ion Ratio Lower Upper

117 100

119 4.3 75.8 113.6#

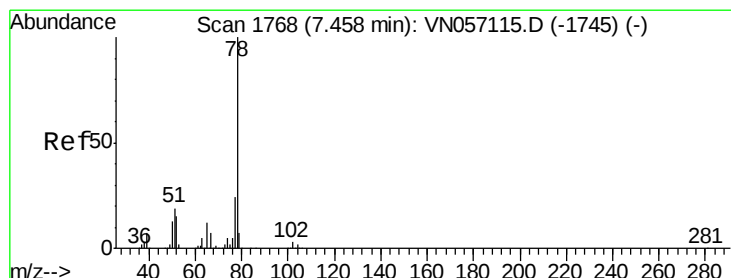
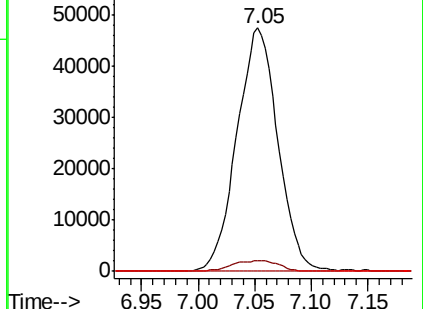
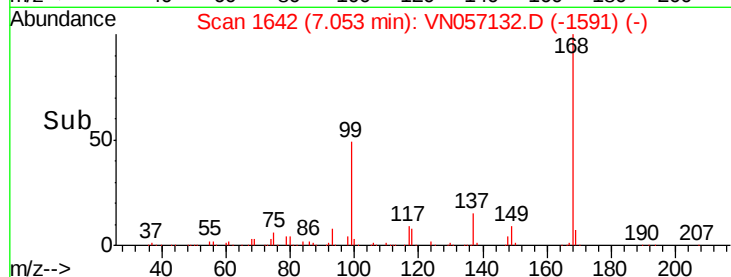
121 0.0 24.4 36.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#40

Benzene

Concen: 0.409 ug/l

RT: 7.46 min Scan# 1769

Delta R.T. 0.00 min

Lab File: VN057132.D

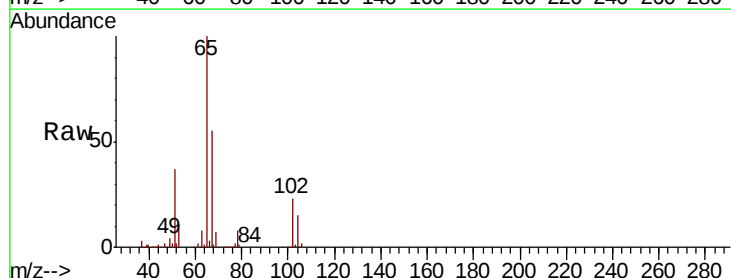
Acq: 8 Aug 2019 15:09

Tgt Ion: 78 Resp: 21172

Ion Ratio Lower Upper

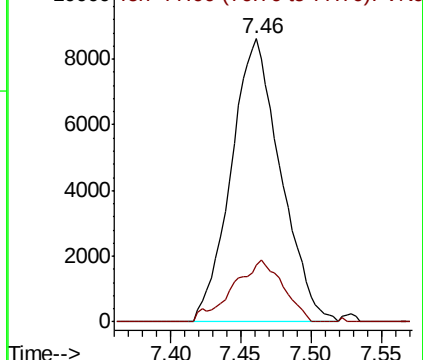
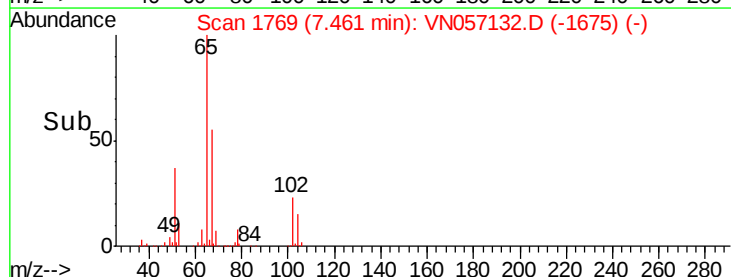
78 100

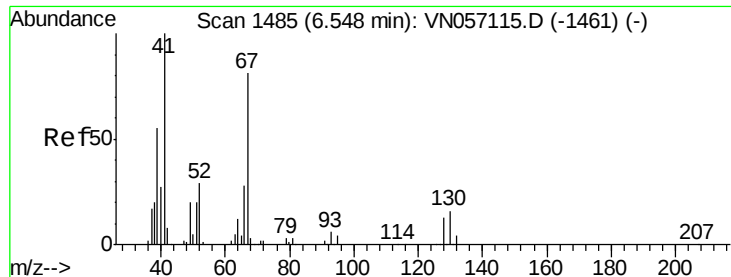
77 19.9 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0





#41

Methacrylonitrile

Concen: 0.337 ug/l

RT: 6.55 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VN057132.D

Acq: 8 Aug 2019 15:09

Instrument :

MSVOA_N

ClientSampled :

13967

Tgt Ion: 41 Resp: 2312

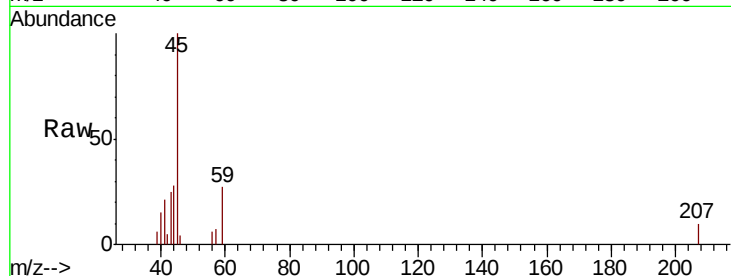
Ion Ratio Lower Upper

41 100

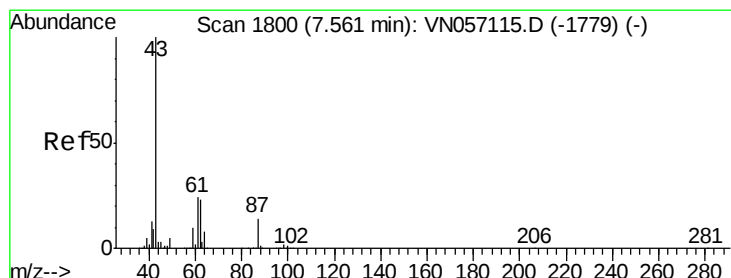
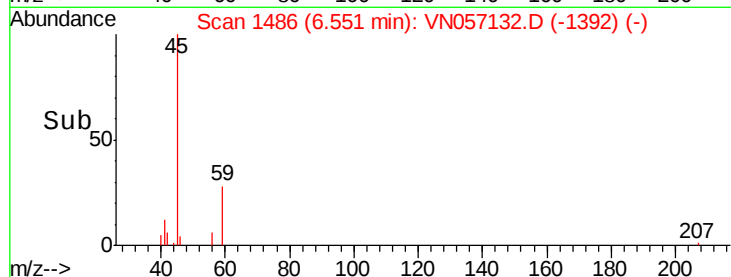
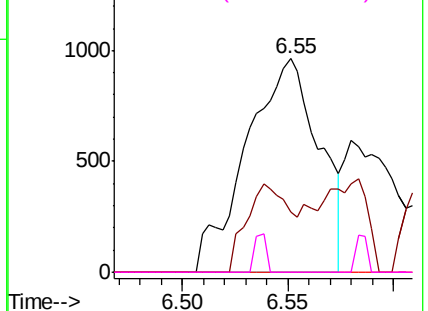
39 24.6 44.9 67.3#

67 0.0 69.1 103.7#

52 2.9 25.8 38.6#



Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC



#43

Isopropyl Acetate

Concen: 1.551 ug/l

RT: 7.56 min Scan# 1799

Delta R.T. -0.00 min

Lab File: VN057132.D

Acq: 8 Aug 2019 15:09

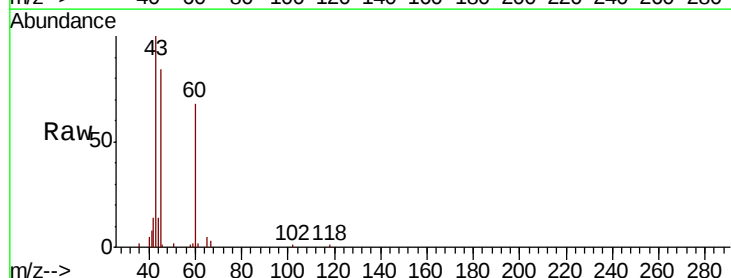
Tgt Ion: 43 Resp: 35706

Ion Ratio Lower Upper

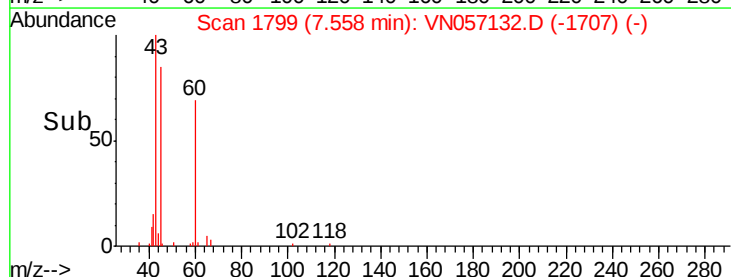
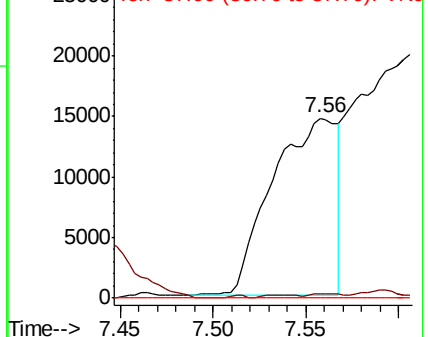
43 100

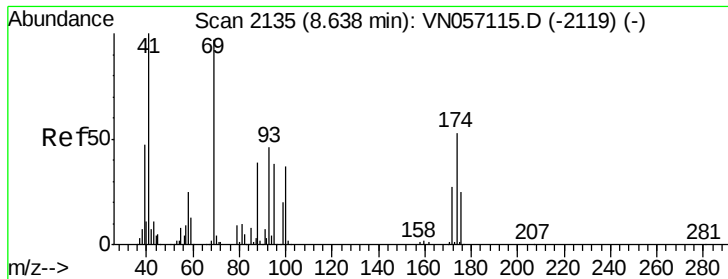
61 0.8 24.2 36.2#

87 0.0 11.8 17.8#



Abundance Ion 43.00 (42.70 to 43.70): VNC
Ion 61.00 (60.70 to 61.70): VNC
Ion 87.00 (86.70 to 87.70): VNC

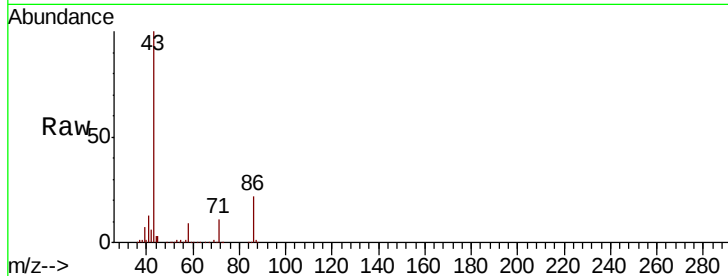




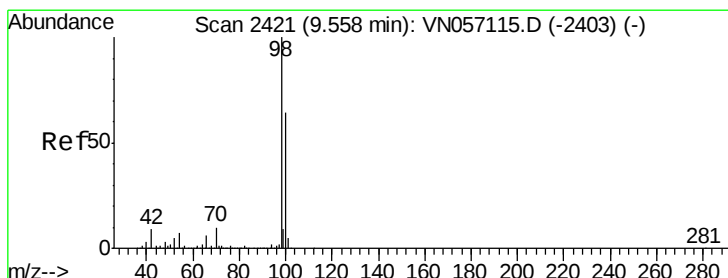
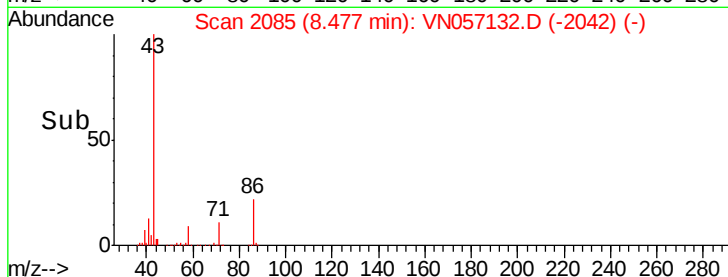
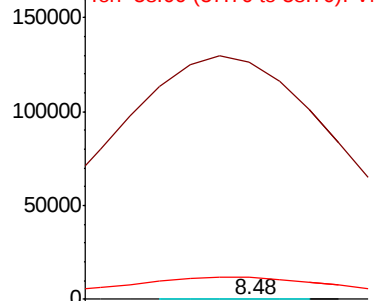
#49
1,4-Dioxane
Concen: 0.339 ug/l
RT: 8.48 min Scan# 2085
Delta R.T. -0.16 min
Lab File: VN057132.D
Acq: 8 Aug 2019 15:09

Instrument :
MSVOA_N
ClientSampleId :
13967

Tgt Ion: 88 Resp: 75
Ion Ratio Lower Upper
88 100
43 361341.3 21.7 32.5#
58 31434.7 51.1 76.7#

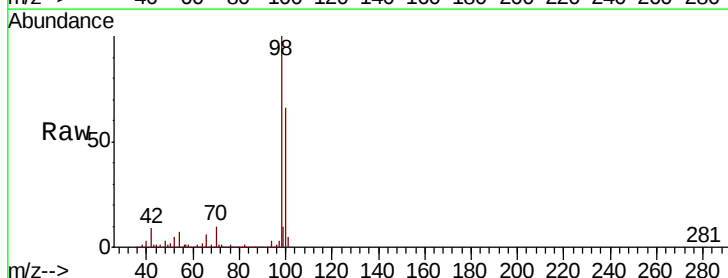


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

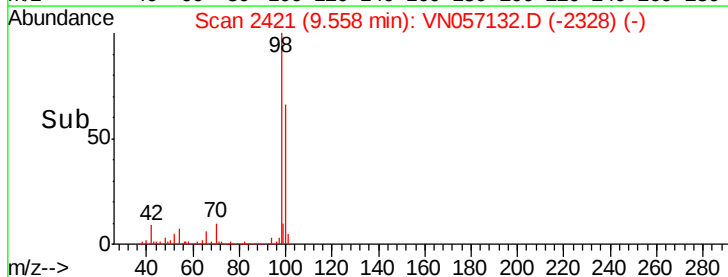
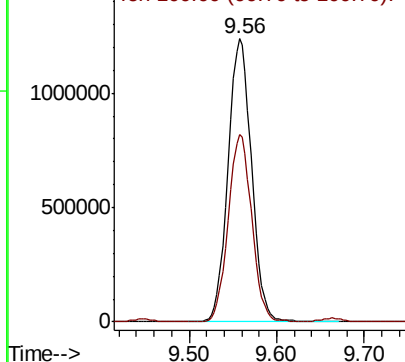


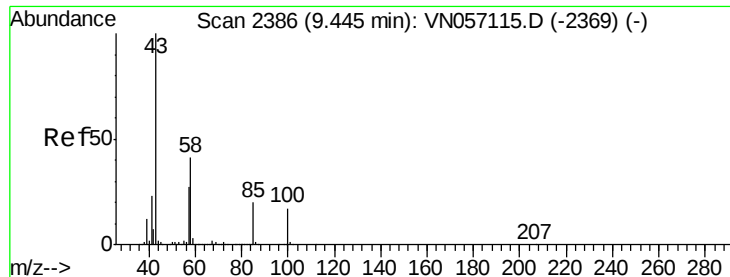
#50
Toluene-d8
Concen: 48.380 ug/l
RT: 9.56 min Scan# 2421
Delta R.T. -0.00 min
Lab File: VN057132.D
Acq: 8 Aug 2019 15:09

Tgt Ion: 98 Resp: 2308072
Ion Ratio Lower Upper
98 100
100 66.3 51.2 76.8



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: 9.840 ug/l

RT: 9.45 min Scan# 2386

Delta R.T. -0.00 min

Lab File: VN057132.D

Acq: 8 Aug 2019 15:09

Instrument :

MSVOA_N

ClientSampleId :

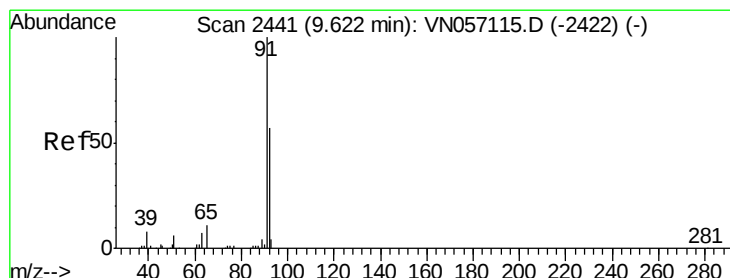
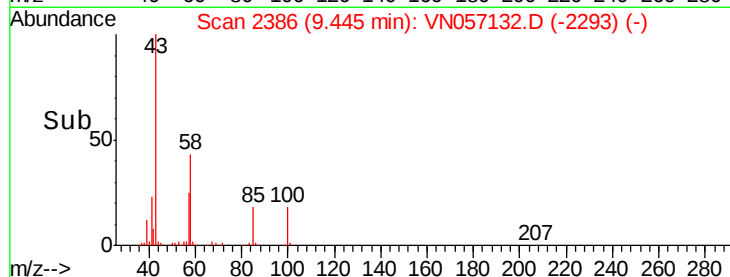
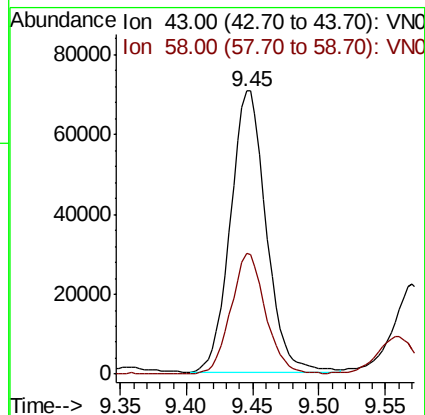
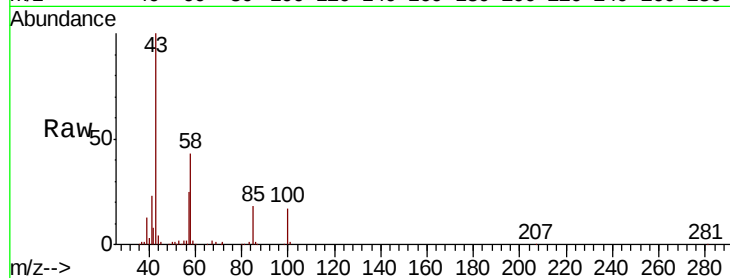
13967

Tgt Ion: 43 Resp: 131807

Ion Ratio Lower Upper

43 100

58 41.9 33.2 49.8



#52

Toluene

Concen: 0.242 ug/l

RT: 9.63 min Scan# 2443

Delta R.T. 0.01 min

Lab File: VN057132.D

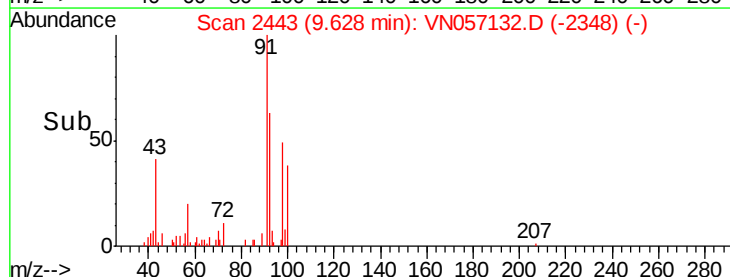
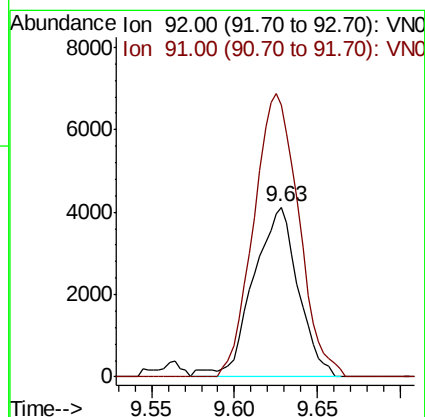
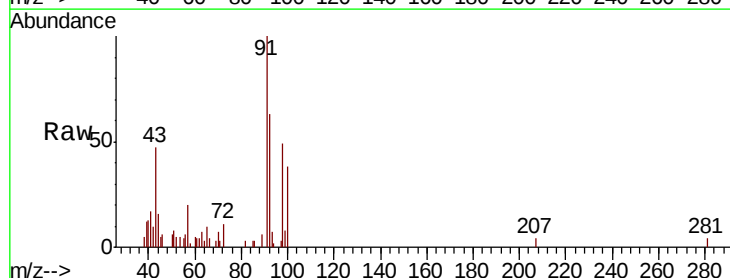
Acq: 8 Aug 2019 15:09

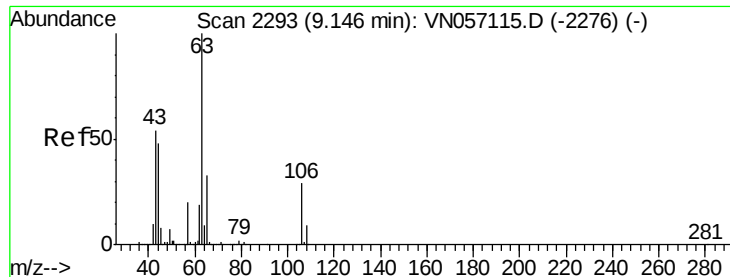
Tgt Ion: 92 Resp: 7792

Ion Ratio Lower Upper

92 100

91 166.6 139.8 209.8

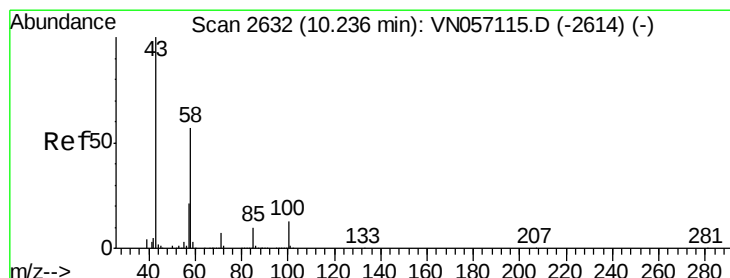
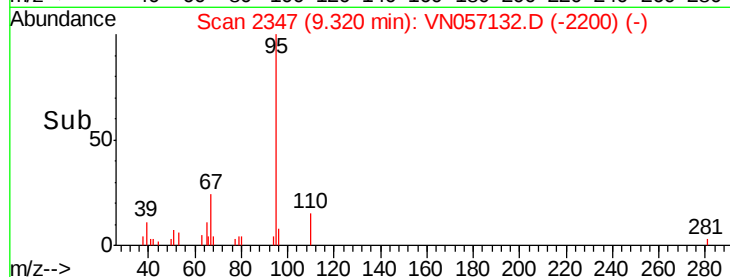
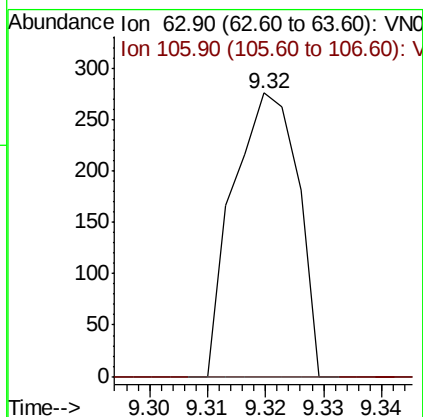
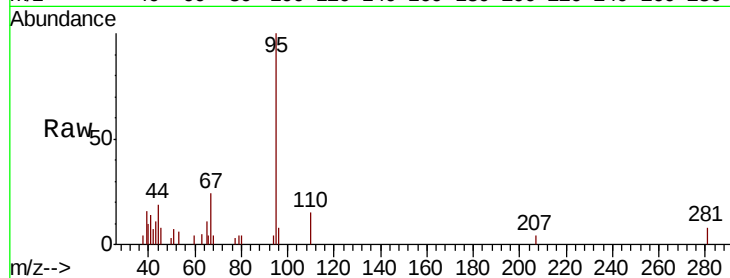




#58
 2-Chloroethyl Vinyl ether
 Concen: 13.144 ug/l
 RT: 9.32 min Scan# 2347
 Delta R.T. 0.17 min
 Lab File: VN057132.D
 Acq: 8 Aug 2019 15:09

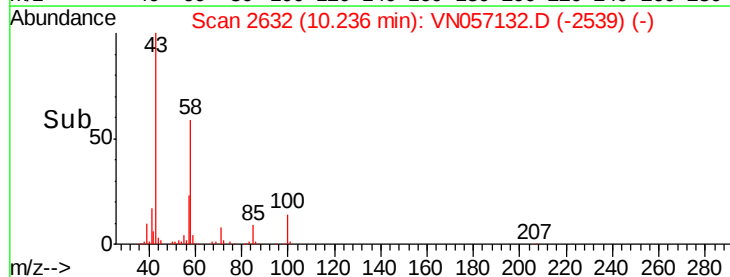
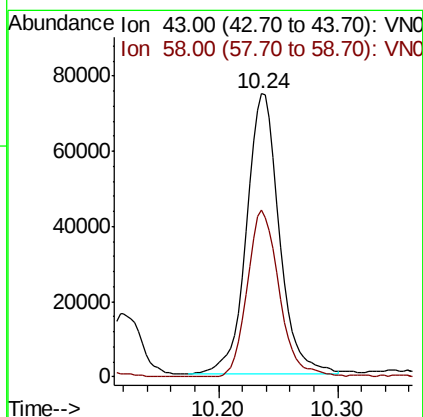
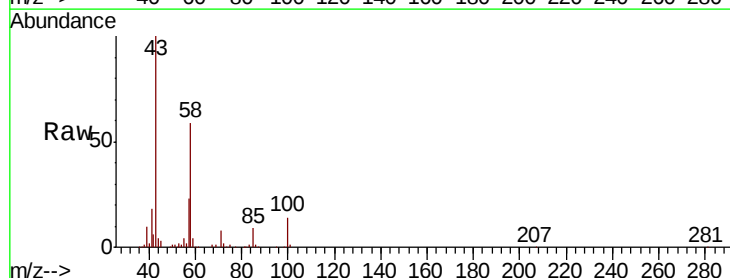
Instrument :
 MSVOA_N
 ClientSampleId :
 13967

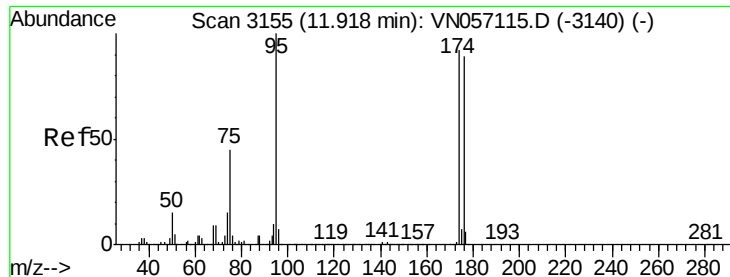
Tgt Ion: 63 Resp: 213
 Ion Ratio Lower Upper
 63 100
 106 0.0 22.6 33.8#



#59
 2-Hexanone
 Concen: 15.592 ug/l
 RT: 10.24 min Scan# 2632
 Delta R.T. -0.00 min
 Lab File: VN057132.D
 Acq: 8 Aug 2019 15:09

Tgt Ion: 43 Resp: 141358
 Ion Ratio Lower Upper
 43 100
 58 58.4 29.2 87.6





#62

4-Bromofluorobenzene

Concen: 43.369 ug/l

RT: 11.92 min Scan# 3155

Delta R.T. -0.00 min

Lab File: VN057132.D

Acq: 8 Aug 2019 15:09

Instrument :

MSVOA_N

ClientSampleId :

13967

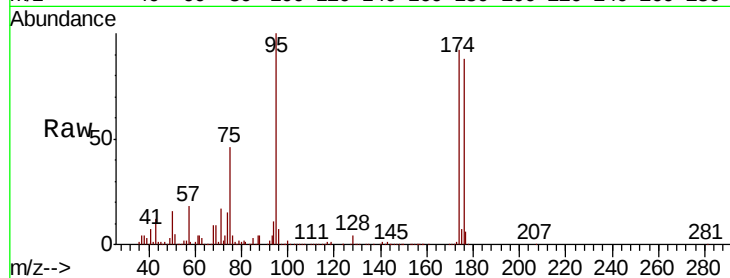
Tgt Ion: 95 Resp: 666654

Ion Ratio Lower Upper

95 100

174 91.4 0.0 185.0

176 88.1 0.0 181.2

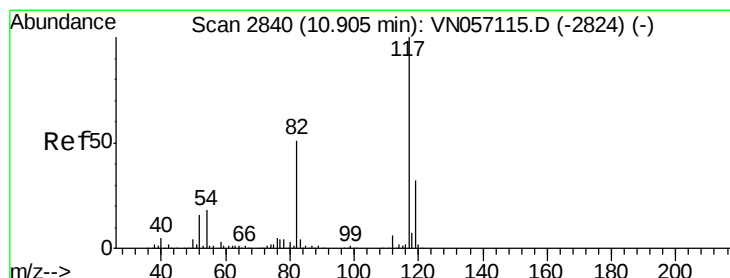
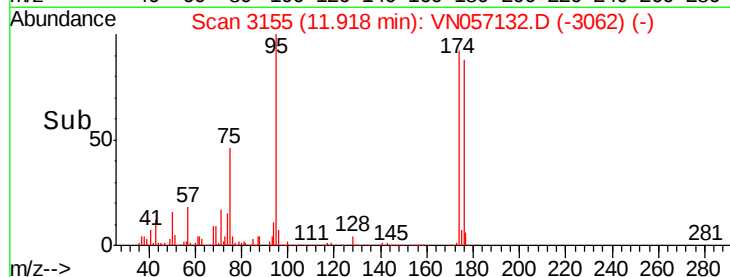
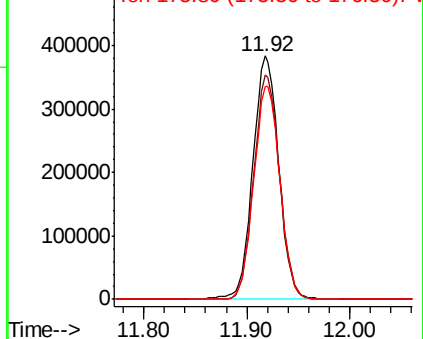


Abundance

Ion 94.90 (94.60 to 95.60): VN057115.D (-3140) (-)

Ion 173.80 (173.50 to 174.50): VN057115.D (-3140) (-)

Ion 175.80 (175.50 to 176.50): VN057115.D (-3140) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.90 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VN057132.D

Acq: 8 Aug 2019 15:09

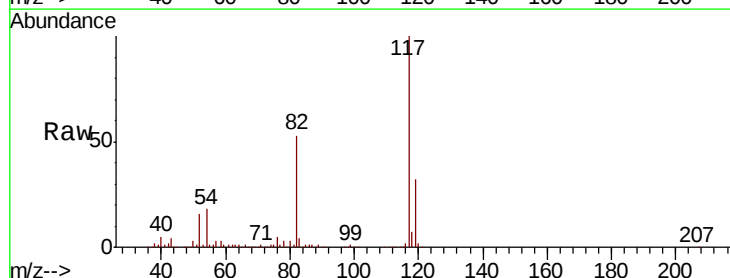
Tgt Ion: 117 Resp: 1668952

Ion Ratio Lower Upper

117 100

82 52.9 40.8 61.2

119 32.4 25.7 38.5

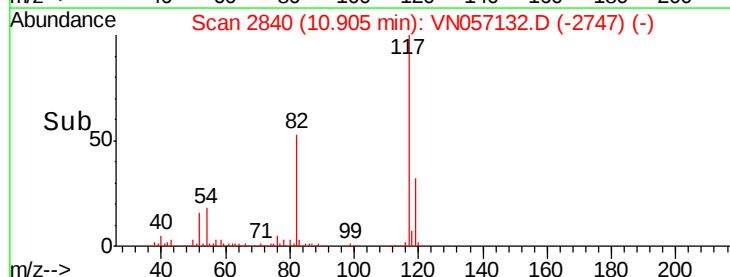
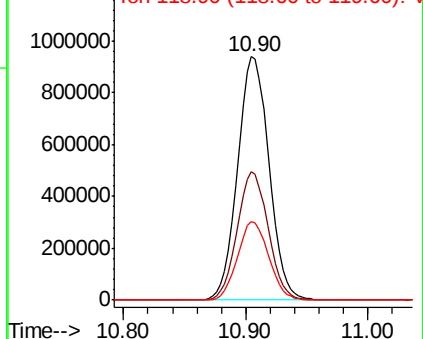


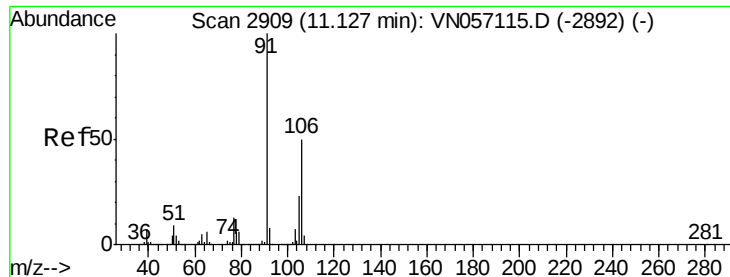
Abundance

Ion 116.90 (116.60 to 117.60): VN057115.D (-2824) (-)

Ion 82.00 (81.70 to 82.70): VN057115.D (-2824) (-)

Ion 118.90 (118.60 to 119.60): VN057115.D (-2824) (-)

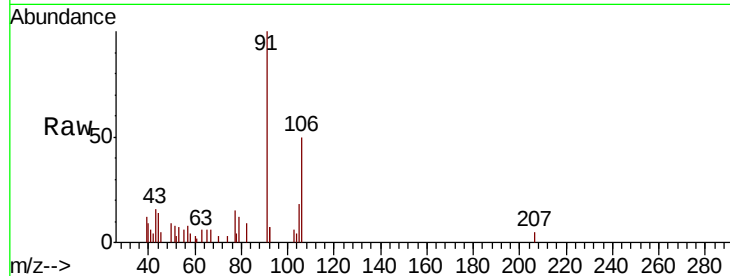




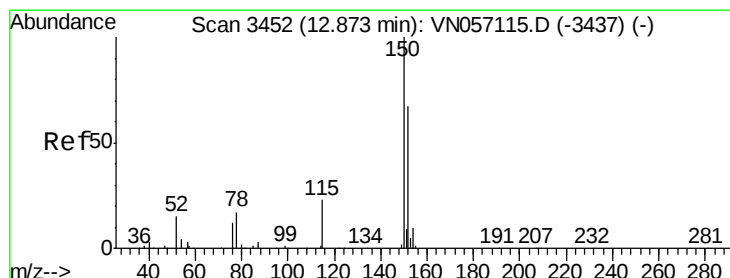
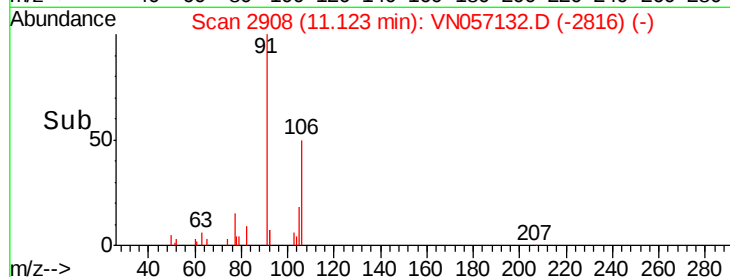
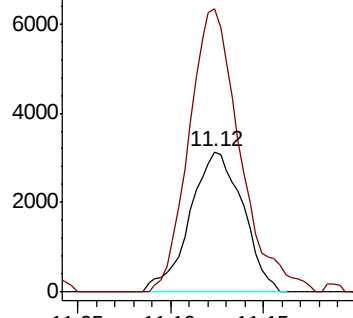
#68
m/p-Xylenes
Concen: 0.293 ug/l
RT: 11.12 min Scan# 2908
Delta R.T. -0.00 min
Lab File: VN057132.D
Acq: 8 Aug 2019 15:09

Instrument :
MSVOA_N
ClientSampleId :
13967

Tgt Ion:106 Resp: 6244
Ion Ratio Lower Upper
106 100
91 194.5 159.8 239.8

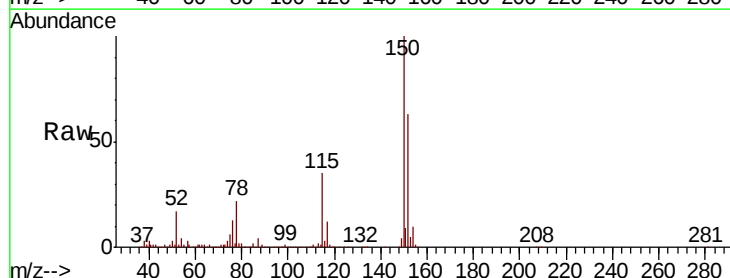


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

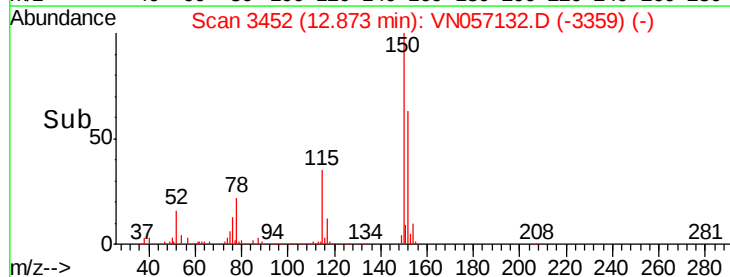
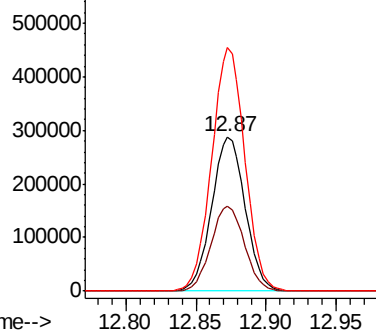


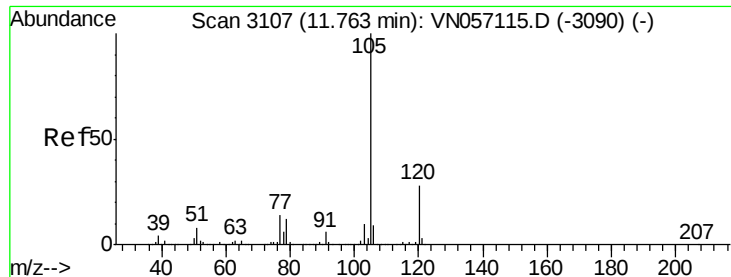
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.87 min Scan# 3452
Delta R.T. -0.00 min
Lab File: VN057132.D
Acq: 8 Aug 2019 15:09

Tgt Ion:152 Resp: 480076
Ion Ratio Lower Upper
152 100
115 55.5 27.5 82.5
150 156.0 0.0 341.6



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: 11.77 min Scan# 3108

Delta R.T. 0.00 min

Lab File: VN057132.D

Acq: 8 Aug 2019 15:09

Instrument :

MSVOA_N

ClientSampleId :

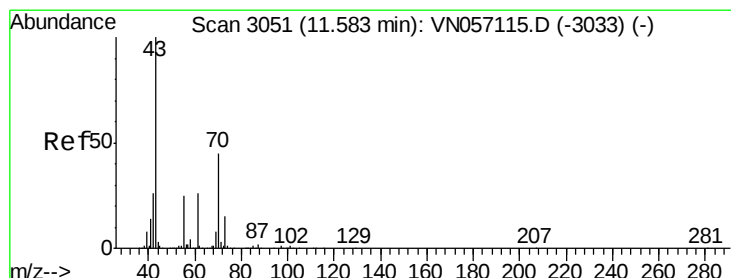
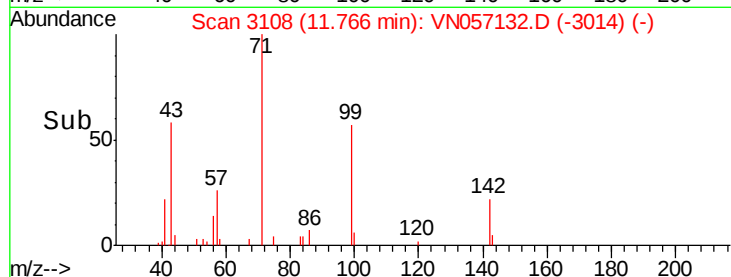
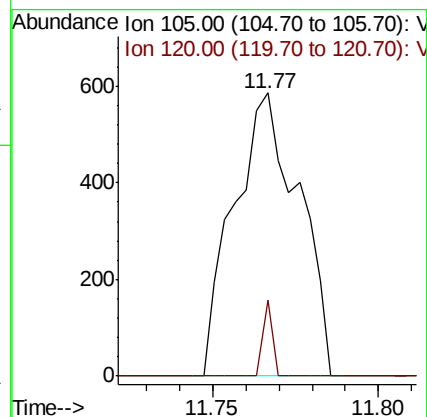
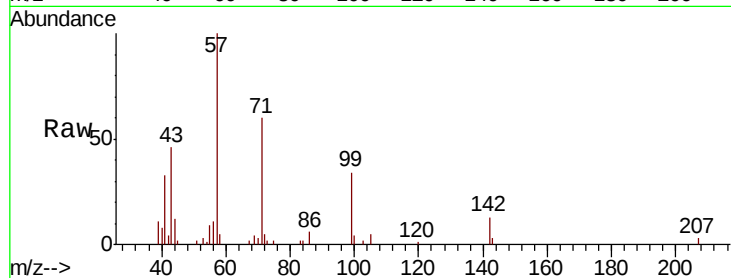
13967

Tgt Ion: 105 Resp: 801

Ion Ratio Lower Upper

105 100

120 3.7 13.7 41.0#



#74

N-ethyl acetate

Concen: 1.777 ug/l

RT: 11.54 min Scan# 3038

Delta R.T. -0.04 min

Lab File: VN057132.D

Acq: 8 Aug 2019 15:09

Tgt Ion: 43 Resp: 21614

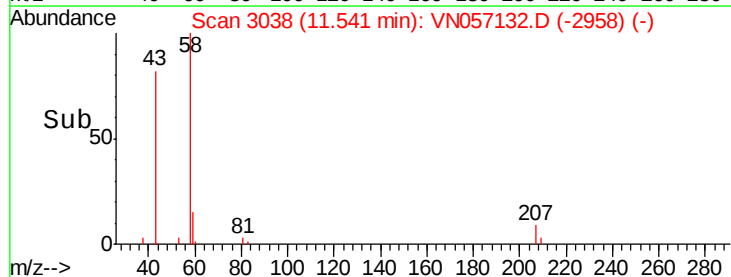
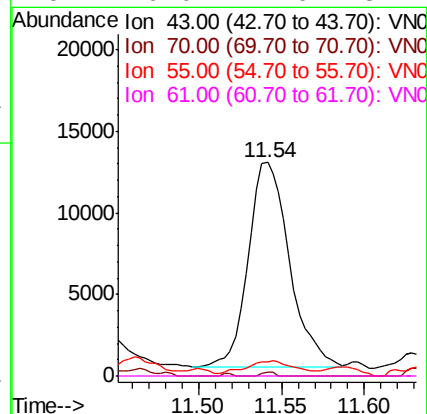
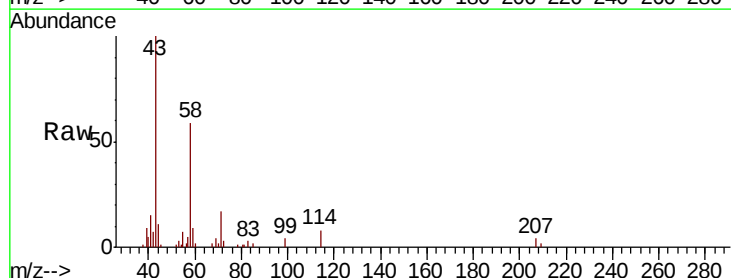
Ion Ratio Lower Upper

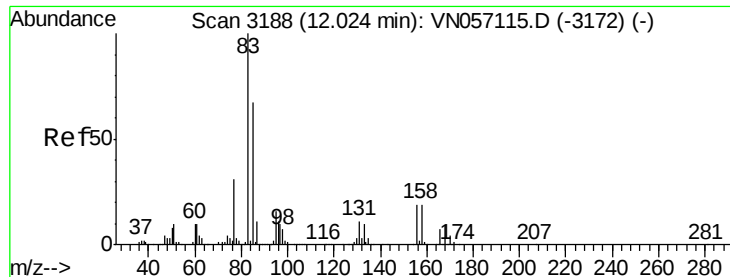
43 100

70 0.6 36.8 55.2#

55 9.1 20.6 31.0#

61 0.0 21.0 31.4#





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.04 min Scan# 3192

Delta R.T. 0.01 min

Lab File: VN057132.D

Acq: 8 Aug 2019 15:09

Instrument :

MSVOA_N

ClientSampleId :

13967

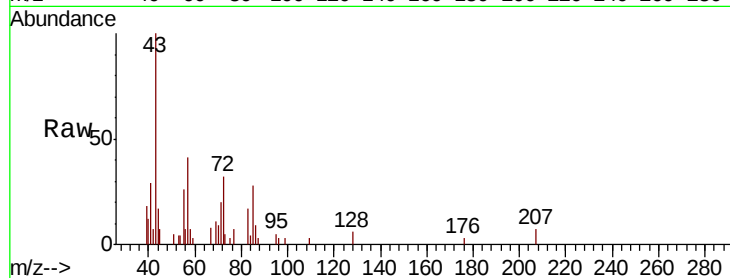
Tgt Ion: 83 Resp: 410

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.4#

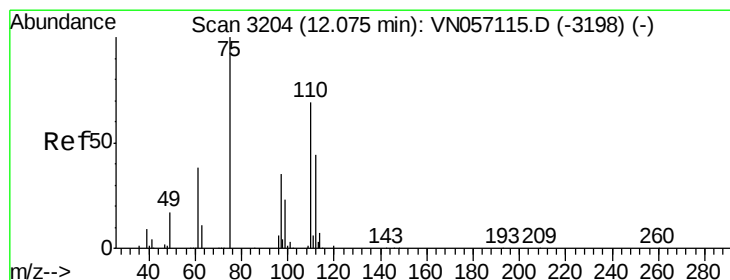
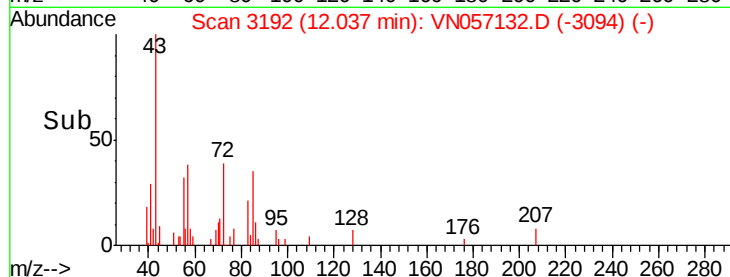
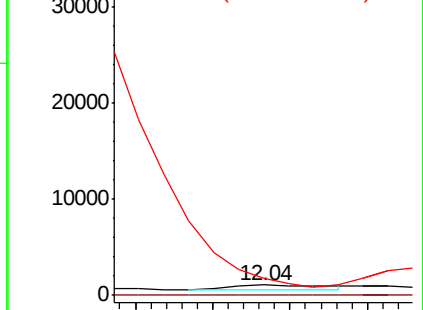
85 0.0 32.4 97.0#



Abundance Ion 82.90 (82.60 to 83.60): VN057115.D (-3172) (-)

Ion 130.80 (130.50 to 131.50): VN057115.D (-3172) (-)

Ion 84.90 (84.60 to 85.60): VN057115.D (-3172) (-)



#76

1,2,3-Trichloropropane

Concen: 31.167 ug/l

RT: 11.92 min Scan# 3155

Delta R.T. -0.16 min

Lab File: VN057132.D

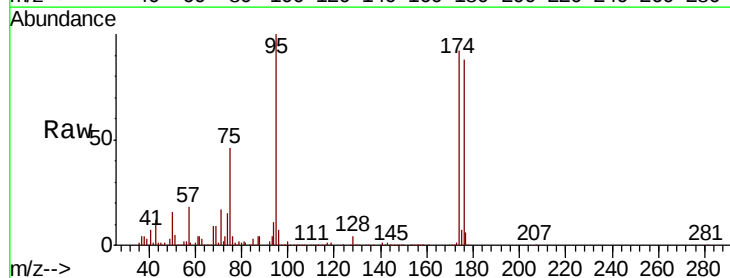
Acq: 8 Aug 2019 15:09

Tgt Ion: 75 Resp: 302498

Ion Ratio Lower Upper

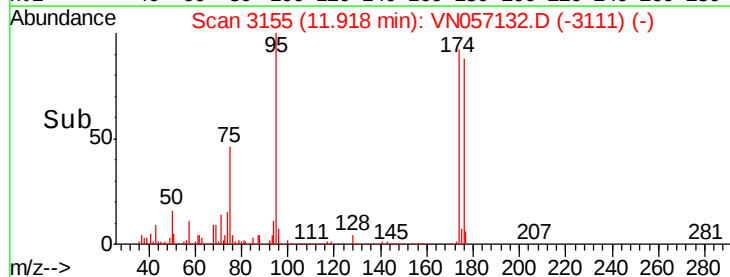
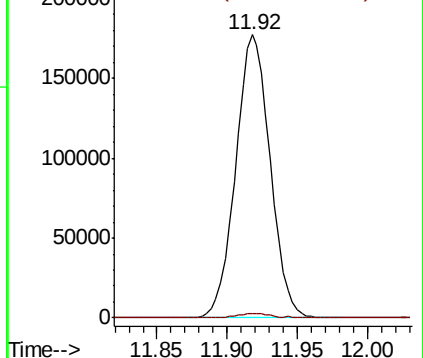
75 100

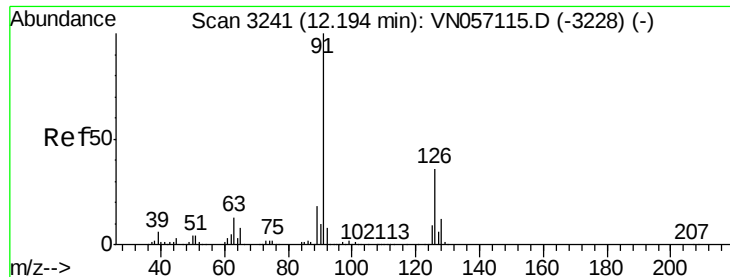
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN057115.D (-3198) (-)

Ion 77.00 (76.70 to 77.70): VN057115.D (-3198) (-)

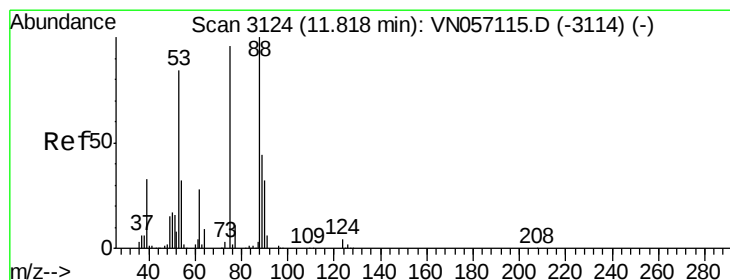
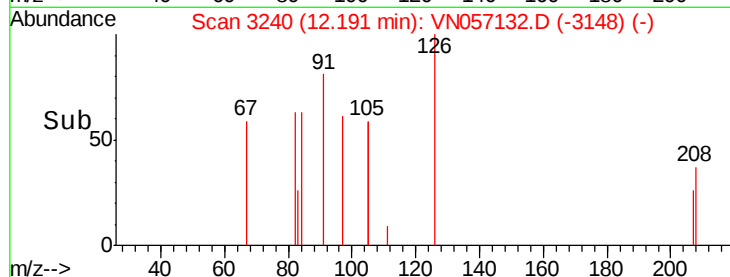
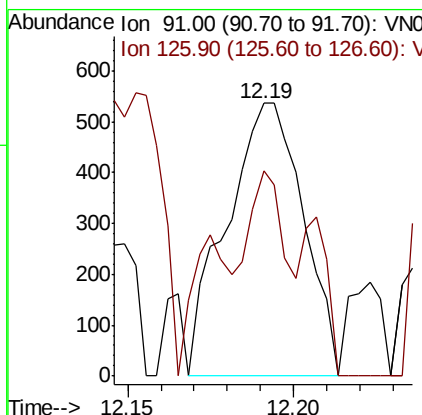
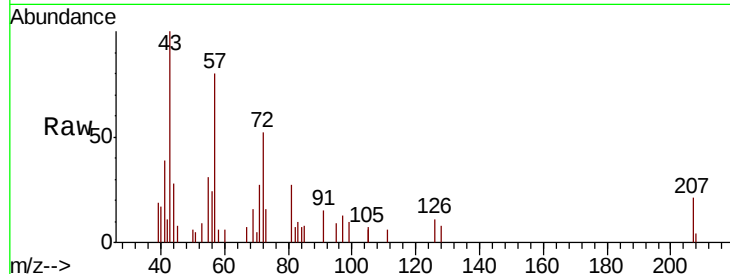




#79
2-Chlorotoluene
Concen: Below Cal
RT: 12.19 min Scan# 3240
Delta R.T. -0.00 min
Lab File: VN057132.D
Acq: 8 Aug 2019 15:09

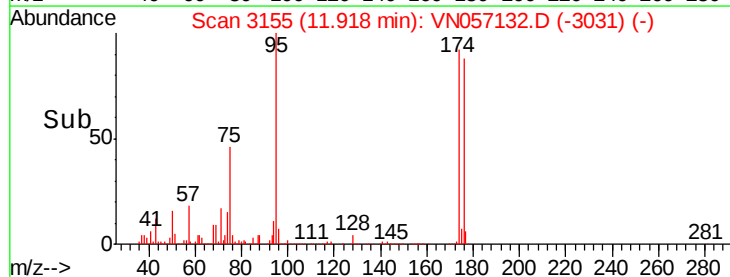
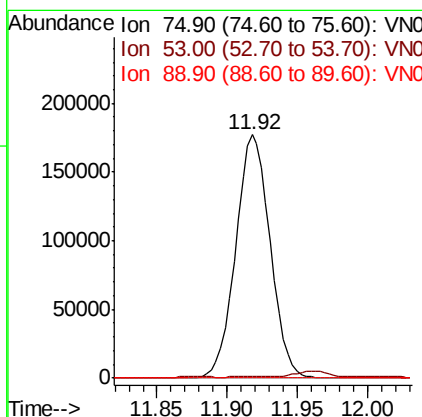
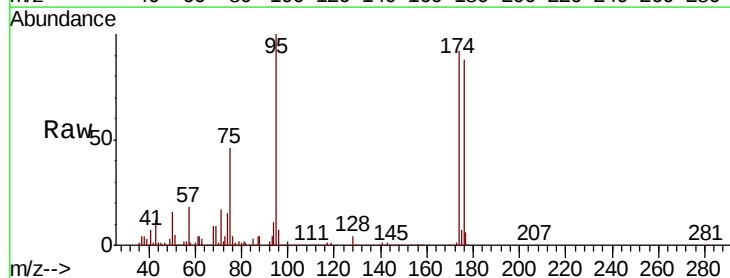
Instrument :
MSVOA_N
ClientSampled :
13967

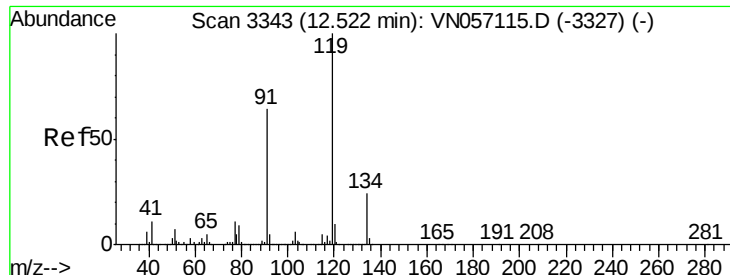
Tgt Ion: 91 Resp: 864
Ion Ratio Lower Upper
91 100
126 39.2 18.1 54.3



#81
trans-1,4-Dichloro-2-butene
Concen: 92.647 ug/l
RT: 11.92 min Scan# 3155
Delta R.T. 0.10 min
Lab File: VN057132.D
Acq: 8 Aug 2019 15:09

Tgt Ion: 75 Resp: 302498
Ion Ratio Lower Upper
75 100
53 0.4 70.6 106.0#
89 0.0 36.4 54.6#





#83

tert-Butylbenzene

Concen: Below Cal

RT: 12.53 min Scan# 3345

Delta R.T. 0.01 min

Lab File: VN057132.D

Acq: 8 Aug 2019 15:09

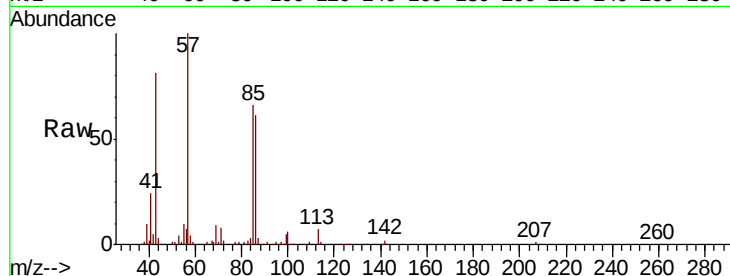
Instrument :

MSVOA_N

ClientSampleId :

13967

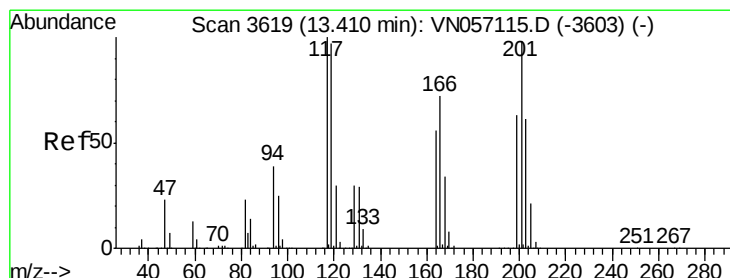
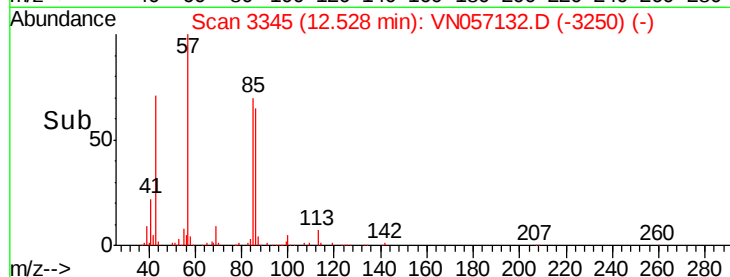
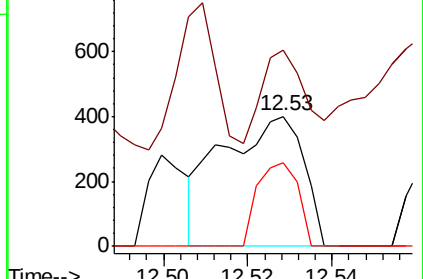
Tgt Ion:	119	Resp:	537
Ion	Ratio	Lower	Upper
119	100		
91	83.2	31.4	94.2
134	31.7	13.2	39.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: Below Cal

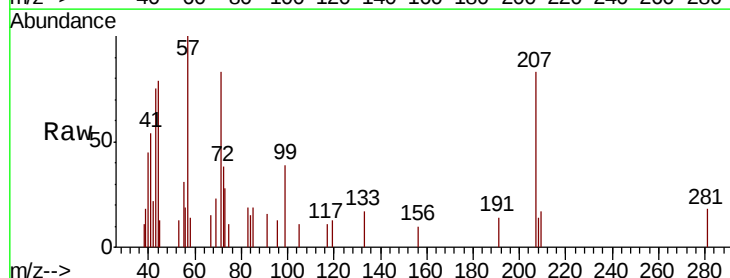
RT: 13.42 min Scan# 3621

Delta R.T. 0.01 min

Lab File: VN057132.D

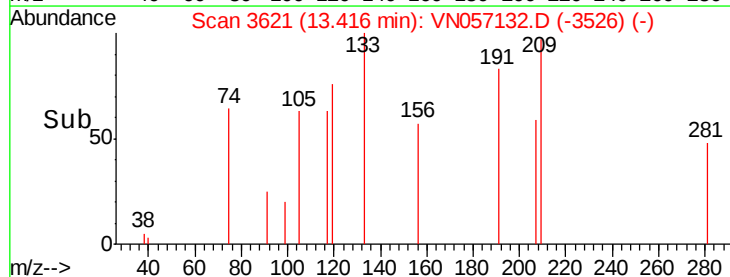
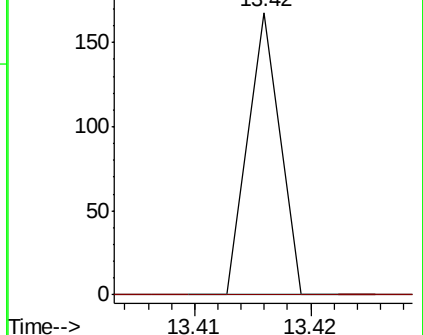
Acq: 8 Aug 2019 15:09

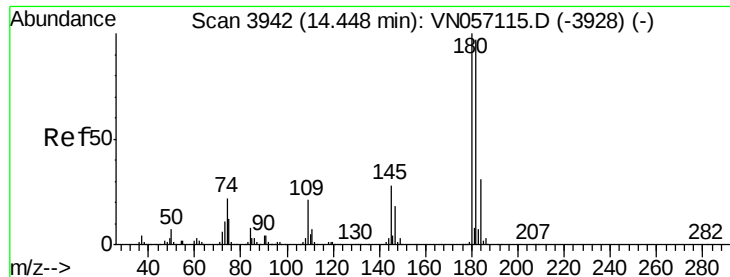
Tgt Ion:	117	Resp:	32
Ion	Ratio	Lower	Upper
117	100		
201	0.0	49.3	147.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

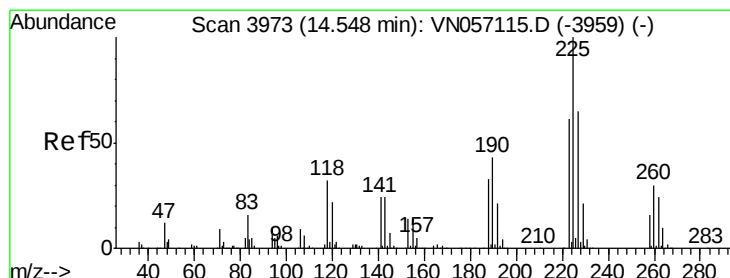
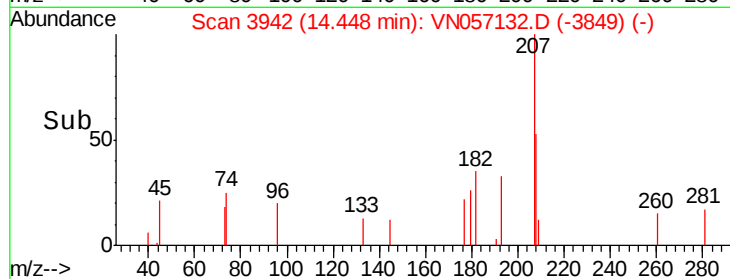
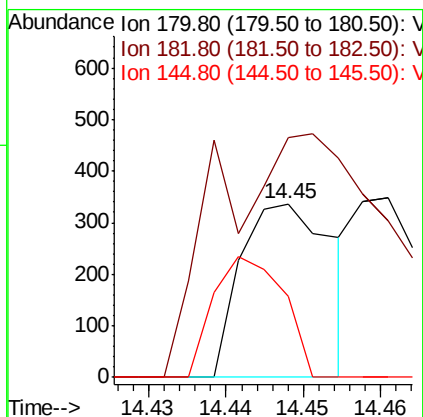
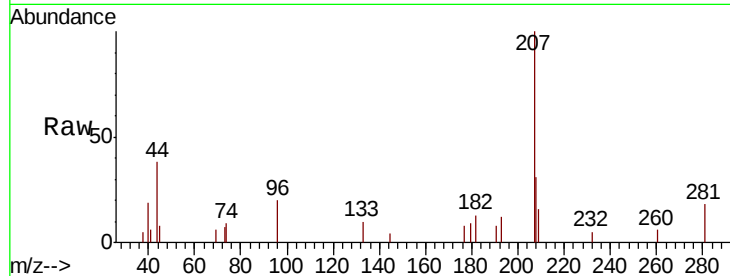




#93
 1,2,4-Trichlorobenzene
 Concen: 5.965 ug/l
 RT: 14.45 min Scan# 3942
 Delta R.T. 0.00 min
 Lab File: VN057132.D
 Acq: 8 Aug 2019 15:09

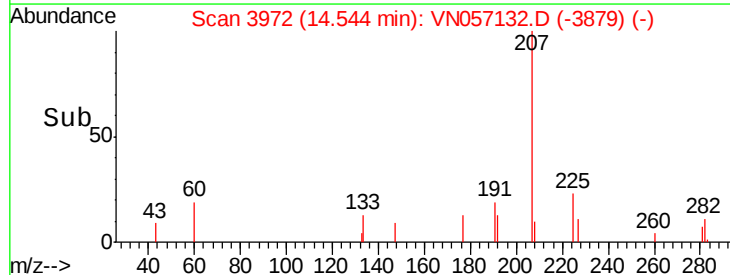
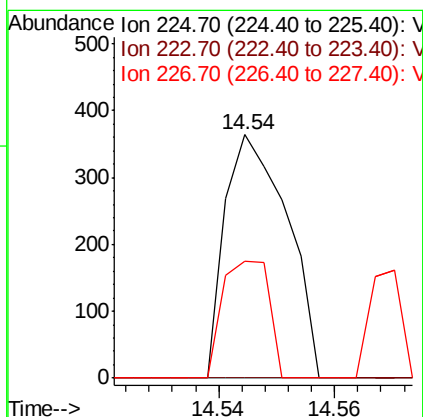
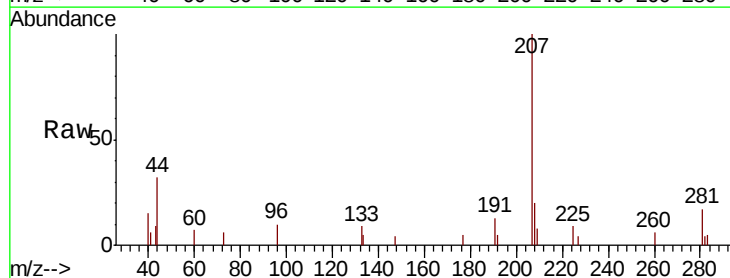
Instrument :
 MSVOA_N
 ClientSampled :
 13967

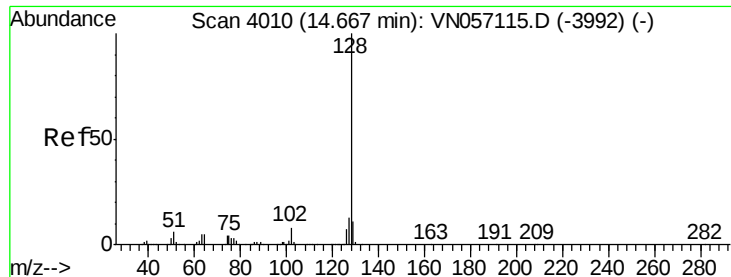
Tgt Ion:180 Resp: 277
 Ion Ratio Lower Upper
 180 100
 182 247.3 47.5 142.6#
 145 53.1 14.1 42.2#



#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 14.54 min Scan# 3972
 Delta R.T. -0.00 min
 Lab File: VN057132.D
 Acq: 8 Aug 2019 15:09

Tgt Ion:225 Resp: 269
 Ion Ratio Lower Upper
 225 100
 223 0.0 30.9 92.8#
 227 35.7 32.4 97.0





#95

Naphthalene

Concen: 2.970 ug/l

RT: 14.67 min Scan# 4010

Delta R.T. 0.00 min

Lab File: VN057132.D

Acq: 8 Aug 2019 15:09

Instrument :

MSVOA_N

ClientSampleId :

13967

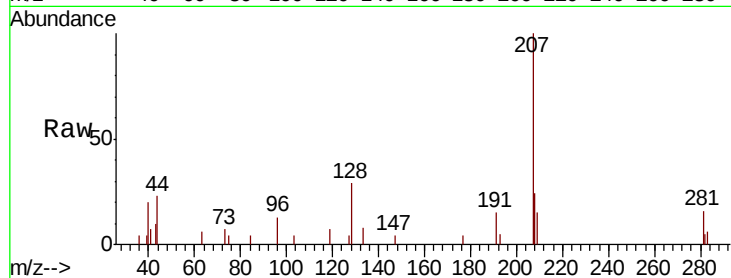
Tgt Ion:128 Resp: 2075

Ion Ratio Lower Upper

128 100

127 3.3 10.3 15.5#

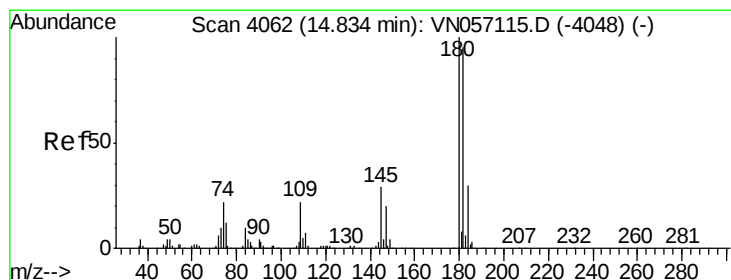
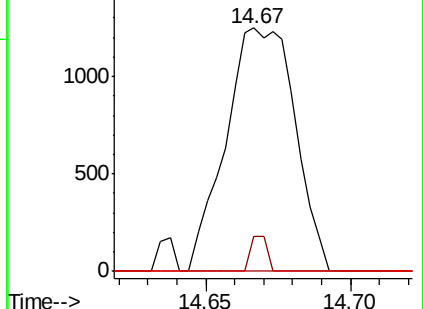
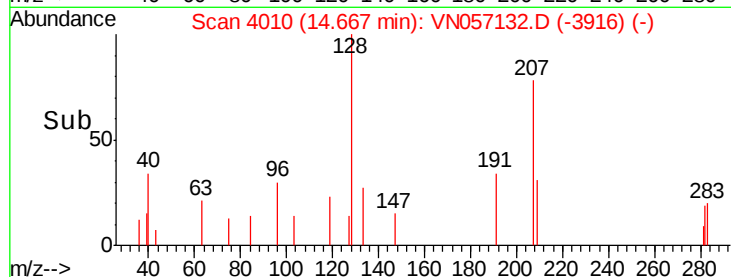
129 0.0 8.8 13.2#



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



#96

1,2,3-Trichlorobenzene

Concen: 5.845 ug/l

RT: 14.83 min Scan# 4062

Delta R.T. -0.00 min

Lab File: VN057132.D

Acq: 8 Aug 2019 15:09

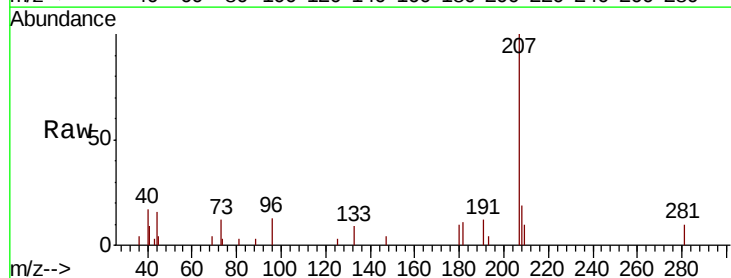
Tgt Ion:180 Resp: 1003

Ion Ratio Lower Upper

180 100

182 89.7 48.3 144.8

145 7.2 14.9 44.5#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

