

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081219\
 Data File : VN057217.D
 Acq On : 12 Aug 2019 16:02
 Operator : JC/SP
 Sample : K4262-01DL 100X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-23S_080719DL

Quant Time: Aug 13 01:45:02 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	1307588	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	1804209	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.91	117	1498122	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.88	152	401628	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	600818	44.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.36%	
35) Dibromofluoromethane	6.99	113	549540	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	
50) Toluene-d8	9.56	98	2093919	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	
62) 4-Bromofluorobenzene	11.92	95	560311	40.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.30%	
Target Compounds						
					Qvalue	
18) Methyl Acetate	3.89	43	21191	1.109	ug/l	90
27) cis-1,2-Dichloroethene	6.21	96	5352	0.385	ug/l	15
31) Cyclohexane	7.05	56	18719	0.960	ug/l #	1
36) 1,1-Dichloropropene	7.05	75	80748	5.436	ug/l #	48
37) Ethyl Acetate	6.29	43	30	Below Cal	#	70
38) Carbon Tetrachloride	7.05	117	111202	7.183	ug/l #	17
43) Isopropyl Acetate	7.59	43	4626	0.221	ug/l #	51
44) Trichloroethene	8.27	130	107703	8.175	ug/l	92
49) 1,4-Dioxane	8.64	88	106	0.528	ug/l #	1
51) 4-Methyl-2-Pentanone	9.45	43	2488	0.205	ug/l #	68
52) Toluene	9.63	92	14092	0.483	ug/l	95
55) 1,1,2-Trichloroethane	10.11	97	31774	2.768	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.99	63	104	13.131	ug/l #	47
59) 2-Hexanone	10.25	43	3903	0.474	ug/l	79
60) Dibromochloromethane	10.11	129	3875469	321.467	ug/l #	11
64) Tetrachloroethene	10.11	164	4633924	371.933	ug/l	96
73) Isopropylbenzene	11.77	105	3096	Below Cal		85
74) N-amyl acetate	11.59	43	2254	0.221	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.03	83	334	Below Cal	#	81
76) 1,2,3-Trichloropropane	11.92	75	255372	31.479	ug/l #	100
79) 2-Chlorotoluene	12.20	91	3597	Below Cal		84
81) trans-1,4-Dichloro-2-buten	11.92	75	255372	93.491	ug/l #	14
83) tert-Butylbenzene	12.52	119	2499	Below Cal		73
87) 1,3-Dichlorobenzene	12.82	146	4085	0.297	ug/l	94
88) 1,4-Dichlorobenzene	12.82	146	4085	0.314	ug/l	95
89) n-Butylbenzene	13.15	91	4580	0.216	ug/l	94
90) Hexachloroethane	13.41	117	238	Below Cal	#	13
91) 1,2-Dichlorobenzene	13.19	146	4443	0.324	ug/l	92
93) 1,2,4-Trichlorobenzene	14.45	180	3705	6.491	ug/l	96
94) Hexachlorobutadiene	14.55	225	1312	Below Cal		89
95) Naphthalene	14.67	128	6844	3.463	ug/l #	92
96) 1,2,3-Trichlorobenzene	14.84	180	4555	6.391	ug/l	95

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Response via : Initial Calibration

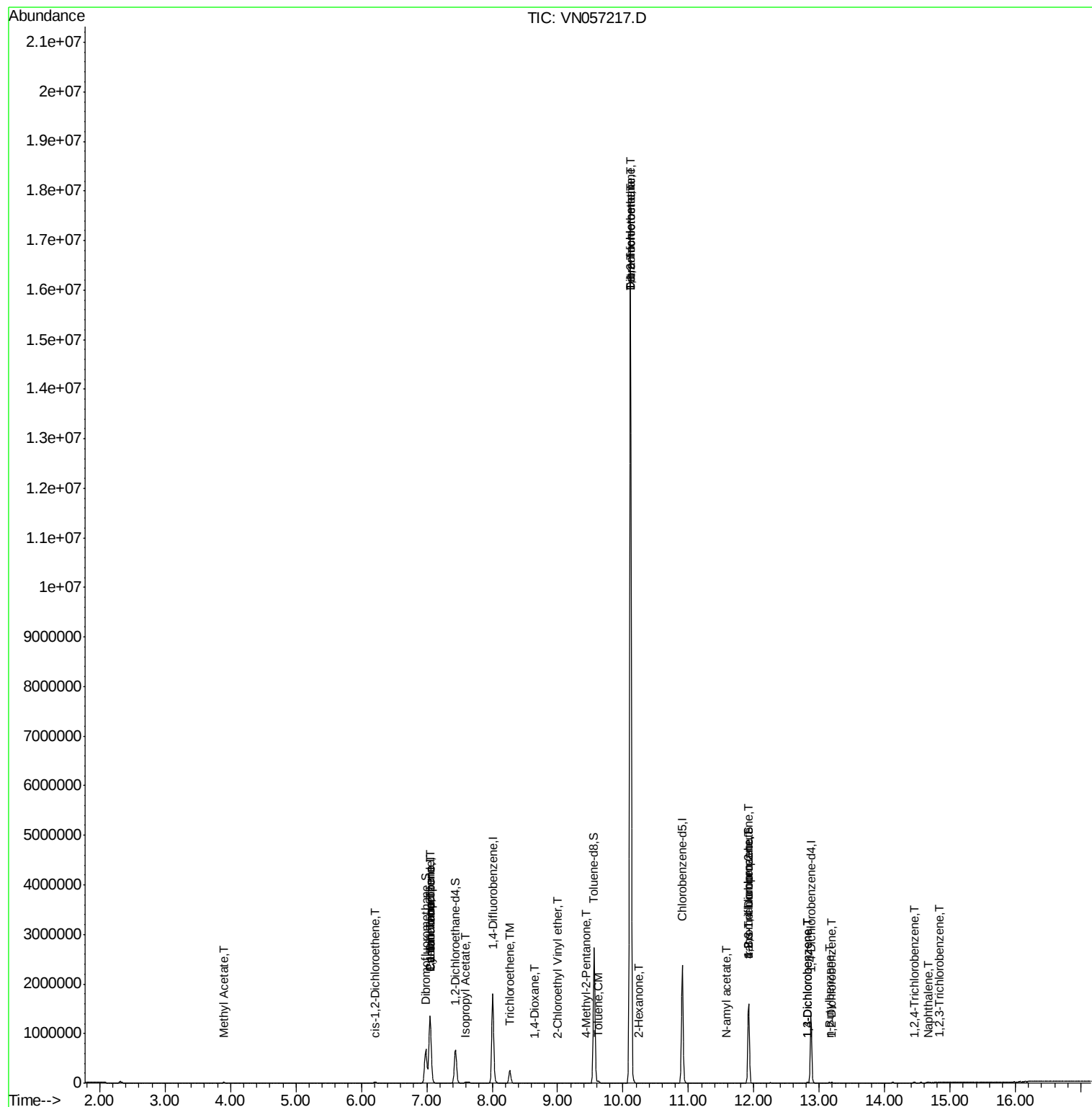
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

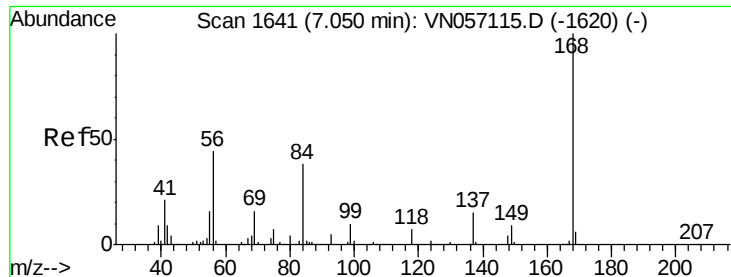
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN081219\
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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: VN057217.D

Acq: 12 Aug 2019 16:02

Instrument :

MSVOA_N

ClientSampleId :

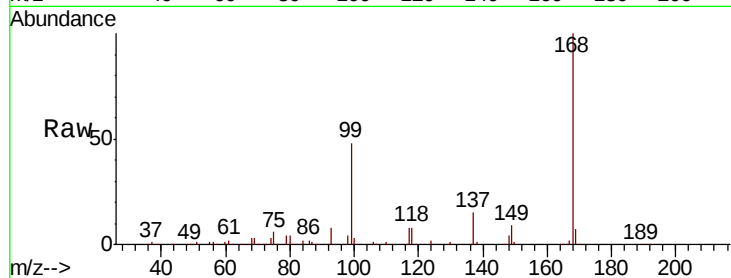
MW-23S_080719DL

Tgt Ion:168 Resp: 1307588

Ion Ratio Lower Upper

168 100

99 48.2 38.6 57.8



Abundance Ion 167.90 (167.60 to 168.60): VN057217.D (-1548) (-)

Ion 98.90 (98.60 to 99.60): VN057217.D (-1548) (-)

7.05

600000

500000

400000

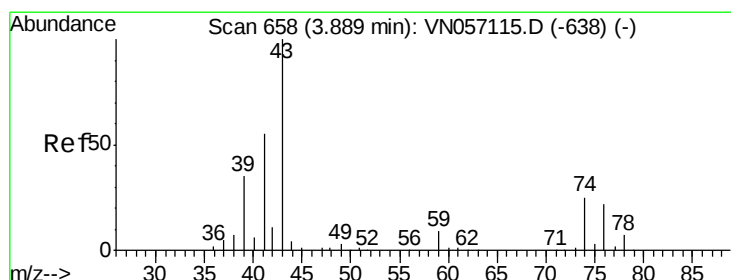
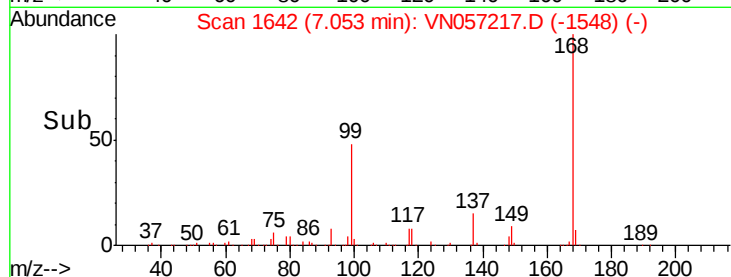
300000

200000

100000

0

Time--> 6.90 7.00 7.10 7.20



#18

Methyl Acetate

Concen: 1.109 ug/l

RT: 3.89 min Scan# 659

Delta R.T. 0.00 min

Lab File: VN057217.D

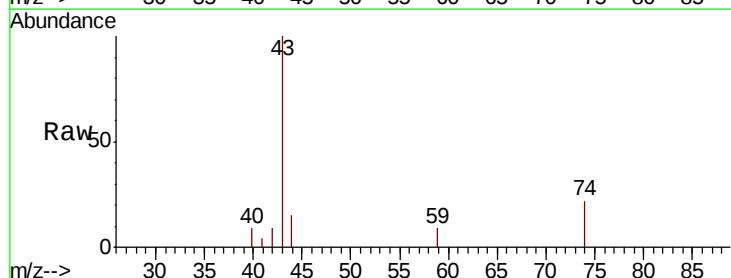
Acq: 12 Aug 2019 16:02

Tgt Ion: 43 Resp: 21191

Ion Ratio Lower Upper

43 100

74 20.4 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VN057217.D (-565) (-)

Ion 74.00 (73.70 to 74.70): VN057217.D (-565) (-)

3.89

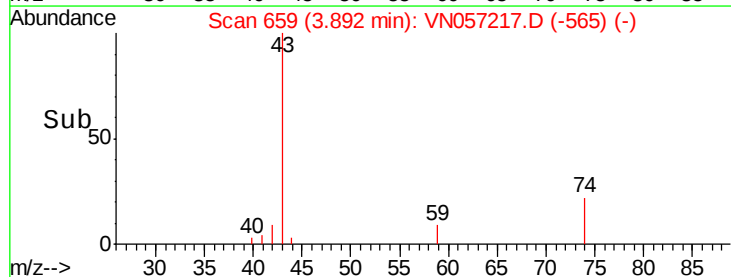
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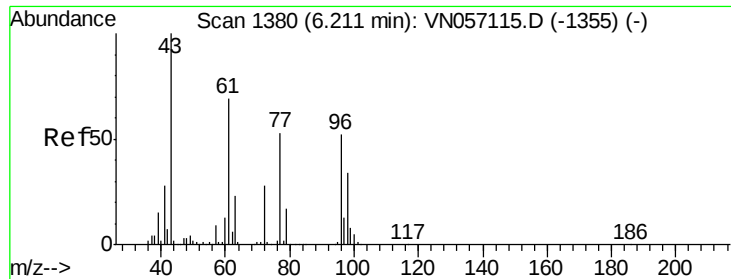
4000

2000

0

Time--> 3.80 3.90 4.00

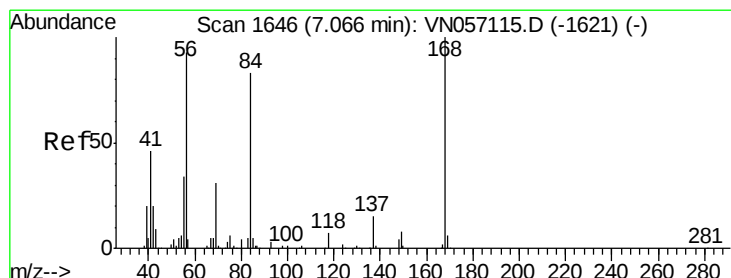
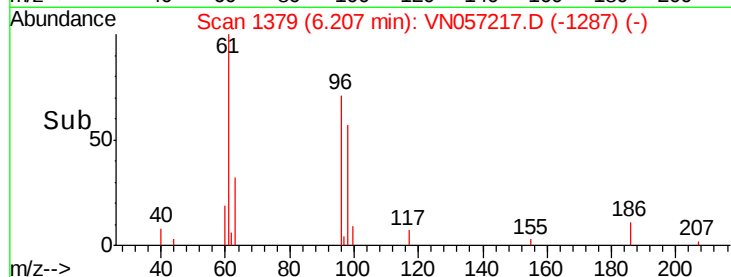
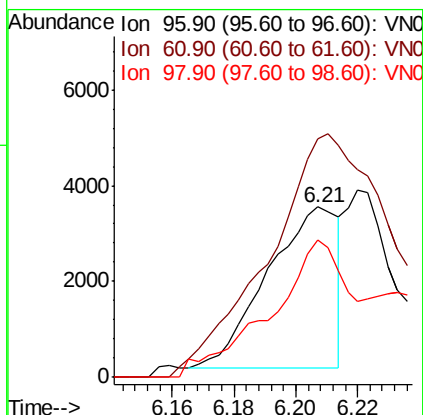
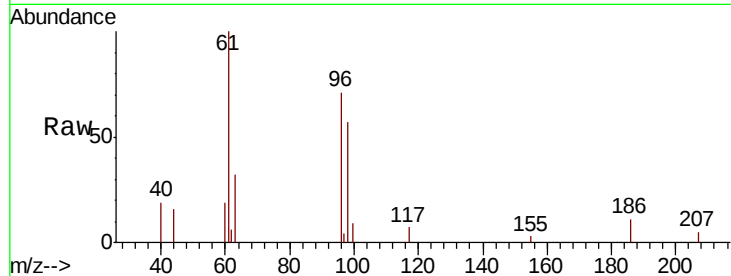




#27
 cis-1,2-Dichloroethene
 Concen: 0.385 ug/l
 RT: 6.21 min Scan# 1379
 Delta R.T. -0.00 min
 Lab File: VN057217.D
 Acq: 12 Aug 2019 16:02

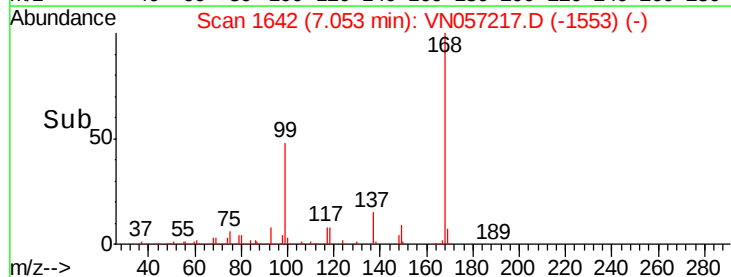
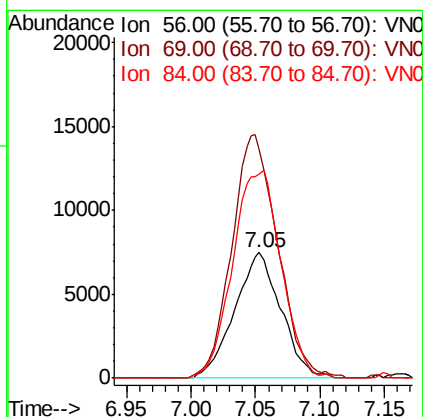
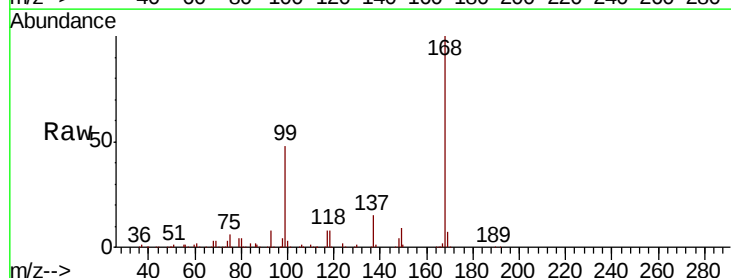
Instrument :
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 MW-23S_080719DL

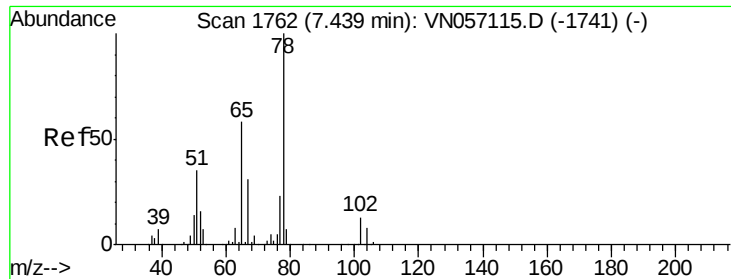
Tgt Ion: 96 Resp: 5352
 Ion Ratio Lower Upper
 96 100
 61 268.6 0.0 273.4
 98 91.9 0.0 130.4



#31
 Cyclohexane
 Concen: 0.960 ug/l
 RT: 7.05 min Scan# 1642
 Delta R.T. -0.01 min
 Lab File: VN057217.D
 Acq: 12 Aug 2019 16:02

Tgt Ion: 56 Resp: 18719
 Ion Ratio Lower Upper
 56 100
 69 183.4 26.9 40.3#
 84 163.2 71.9 107.9#

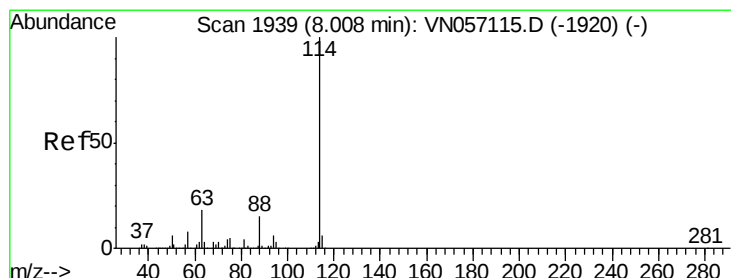
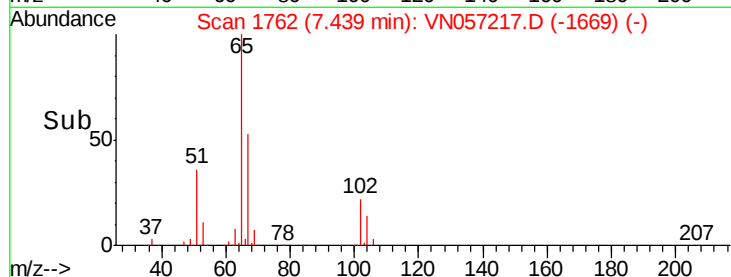
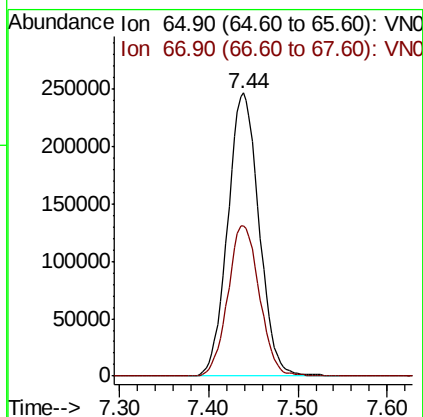
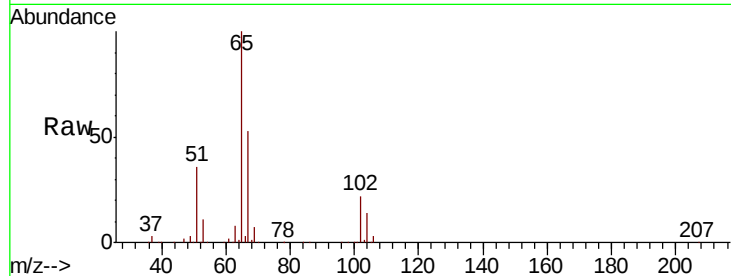




#33
 1,2-Dichloroethane-d4
 Concen: 44.678 ug/l
 RT: 7.44 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VN057217.D
 Acq: 12 Aug 2019 16:02

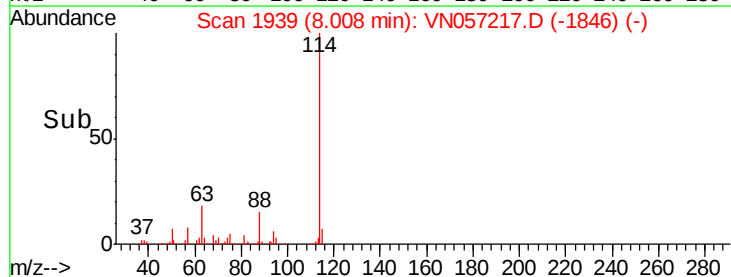
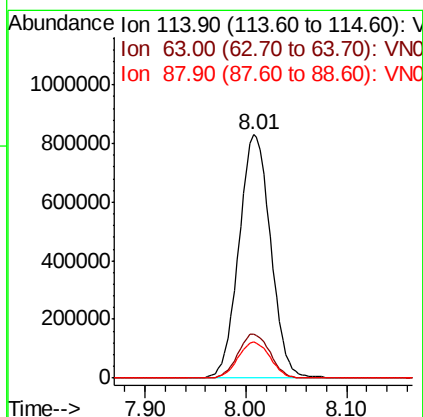
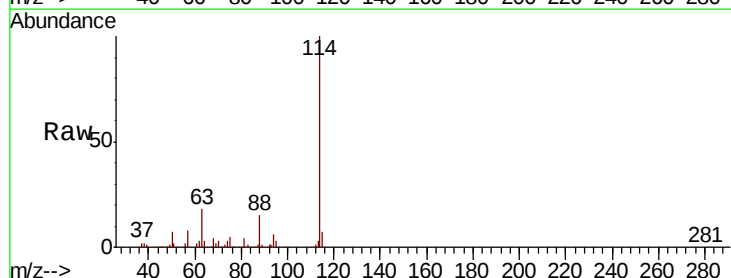
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-23S_080719DL

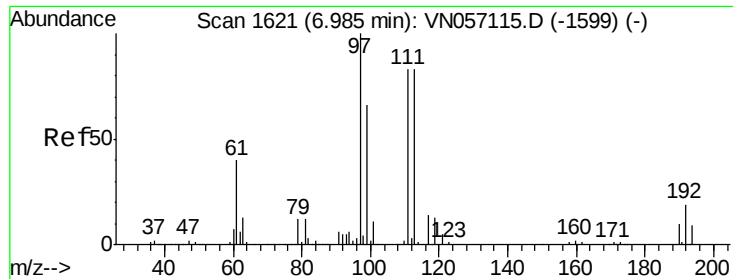
Tgt Ion: 65 Resp: 600818
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: VN057217.D
 Acq: 12 Aug 2019 16:02

Tgt Ion: 114 Resp: 1804209
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 36.2
 88 15.1 0.0 30.0

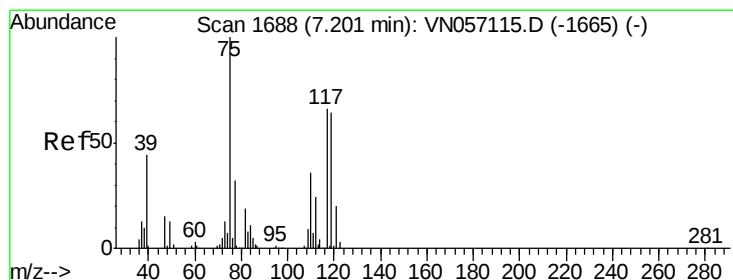
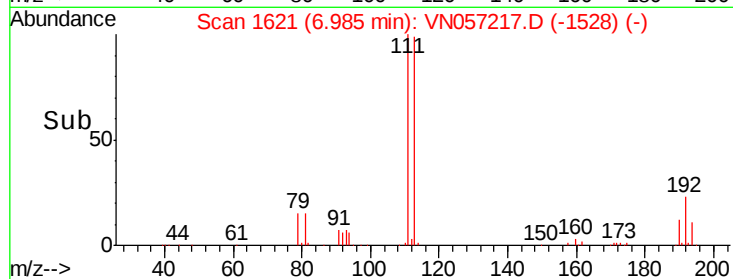
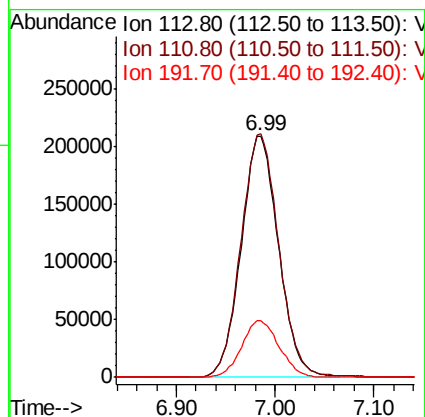
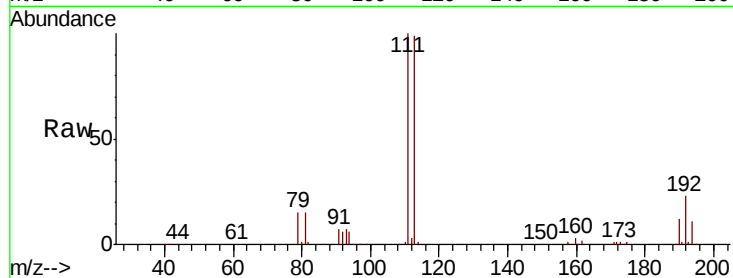




#35
 Dibromofluoromethane
 Concen: 48.539 ug/l
 RT: 6.99 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VN057217.D
 Acq: 12 Aug 2019 16:02

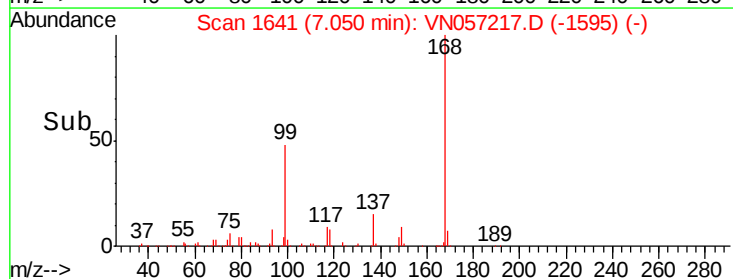
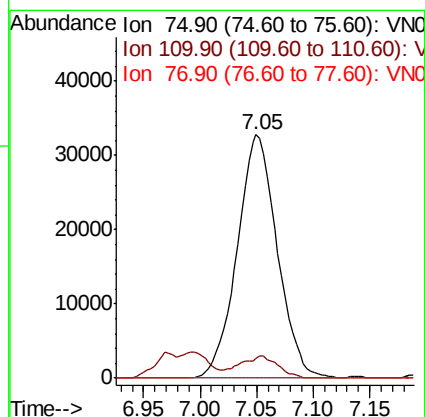
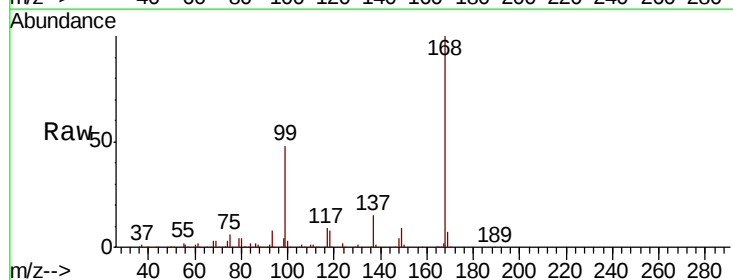
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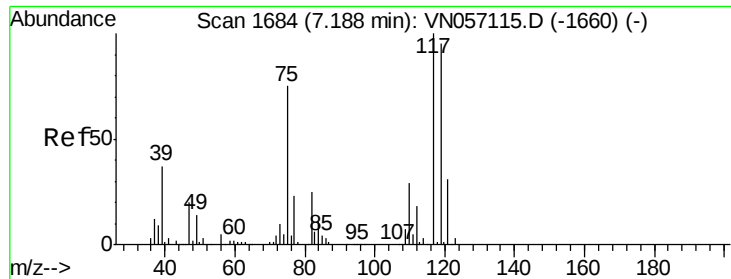
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.3	121.9
192	23.5	19.0	28.4



#36
 1,1-Dichloropropene
 Concen: 5.436 ug/l
 RT: 7.05 min Scan# 1641
 Delta R.T. -0.15 min
 Lab File: VN057217.D
 Acq: 12 Aug 2019 16:02

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.7	18.7	56.1#
77	0.0	25.0	37.4#

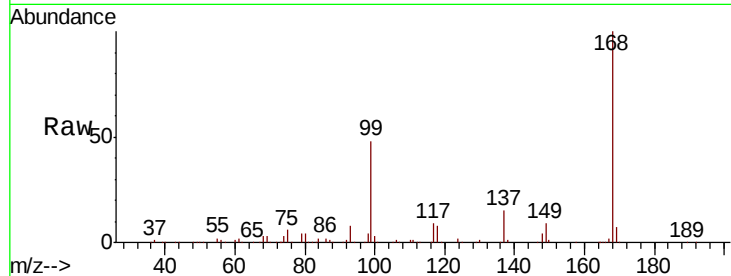




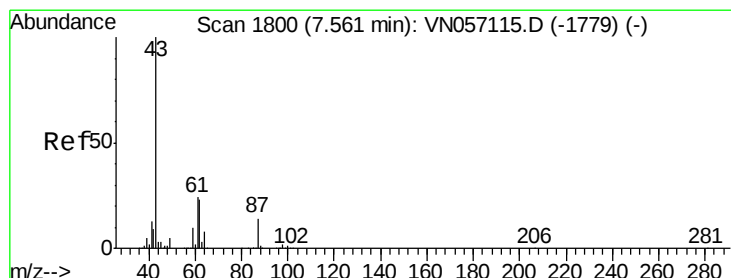
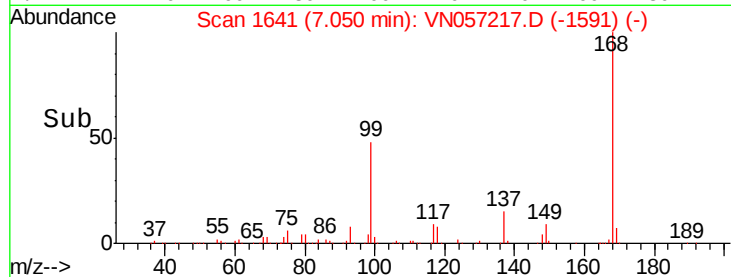
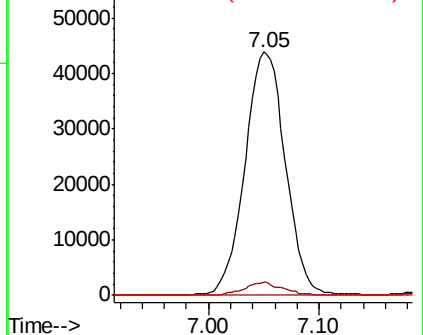
#38
Carbon Tetrachloride
Concen: 7.183 ug/l
RT: 7.05 min Scan# 1641
Delta R.T. -0.14 min
Lab File: VN057217.D
Acq: 12 Aug 2019 16:02

Instrument :
MSVOA_N
ClientSampleId :
MW-23S_080719DL

Tgt Ion: 117 Resp: 111202
Ion Ratio Lower Upper
117 100
119 5.6 75.8 113.6#
121 0.0 24.4 36.6#

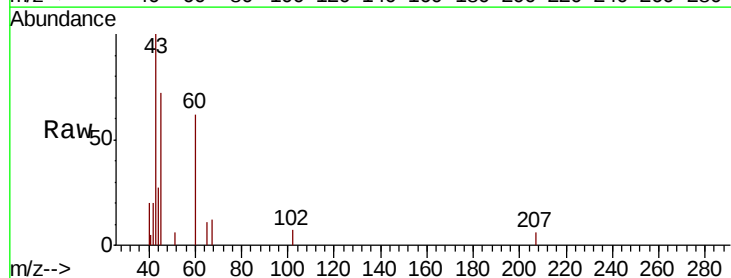


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

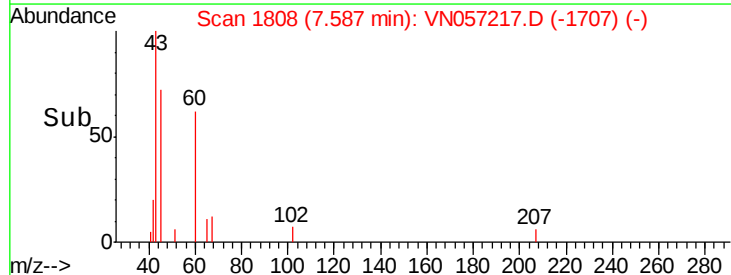
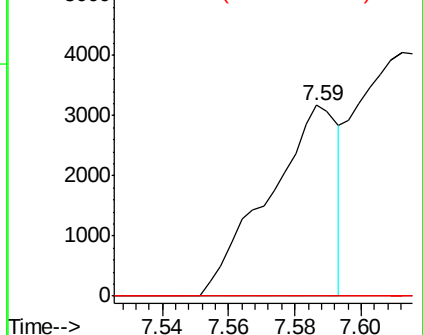


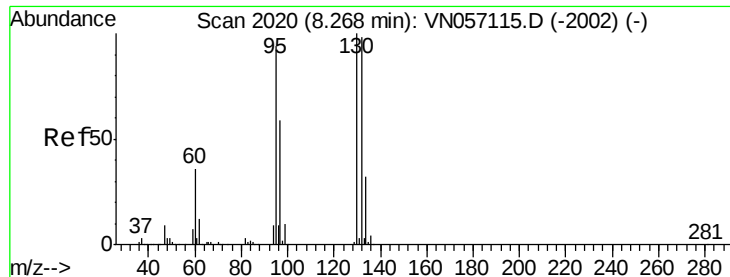
#43
Isopropyl Acetate
Concen: 0.221 ug/l
RT: 7.59 min Scan# 1808
Delta R.T. 0.03 min
Lab File: VN057217.D
Acq: 12 Aug 2019 16:02

Tgt Ion: 43 Resp: 4626
Ion Ratio Lower Upper
43 100
61 0.0 24.2 36.2#
87 0.0 11.8 17.8#



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





#44

Trichloroethene

Concen: 8.175 ug/l

RT: 8.27 min Scan# 2020

Delta R.T. -0.00 min

Lab File: VN057217.D

Acq: 12 Aug 2019 16:02

Instrument :

MSVOA_N

ClientSampleId :

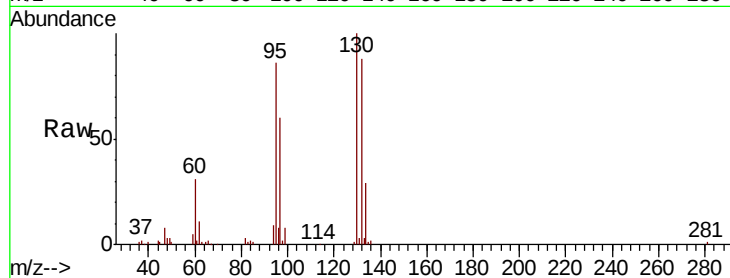
MW-23S_080719DL

Tgt Ion:130 Resp: 107703

Ion Ratio Lower Upper

130 100

95 86.1 0.0 187.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN

8.27

60000

50000

40000

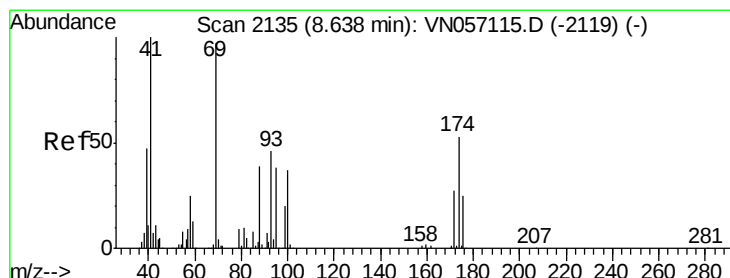
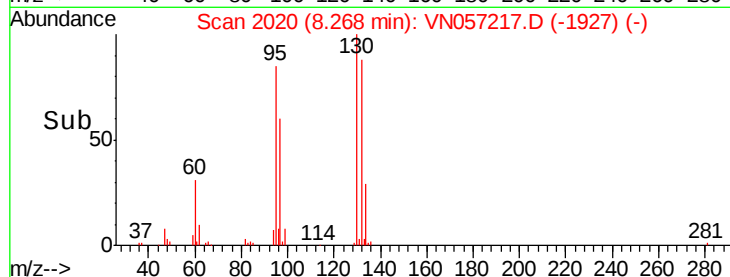
30000

20000

10000

0

Time-->



#49

1,4-Dioxane

Concen: 0.528 ug/l

RT: 8.64 min Scan# 2137

Delta R.T. 0.01 min

Lab File: VN057217.D

Acq: 12 Aug 2019 16:02

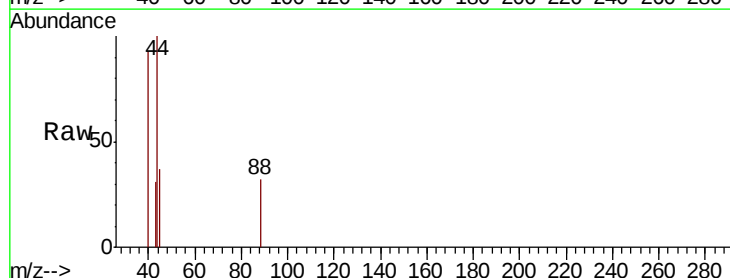
Tgt Ion: 88 Resp: 106

Ion Ratio Lower Upper

88 100

43 395.3 21.7 32.5#

58 0.0 51.1 76.7#



Abundance Ion 88.00 (87.70 to 88.70): VN

Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

600

500

400

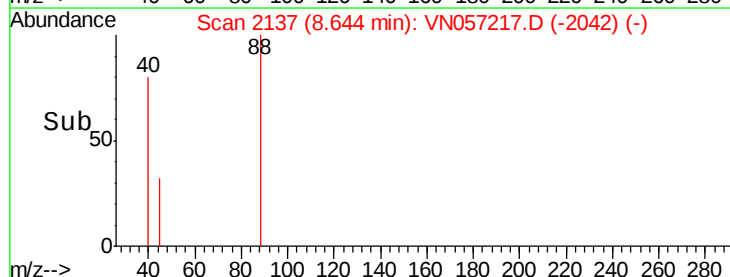
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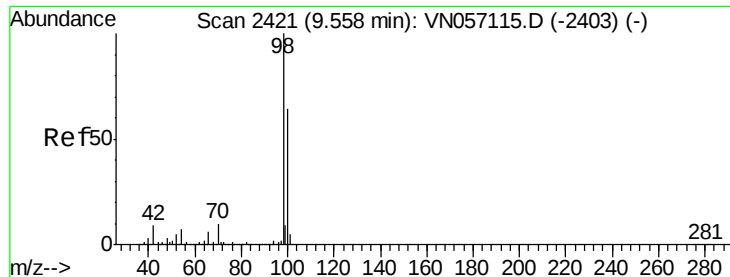
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100

0

Time-->

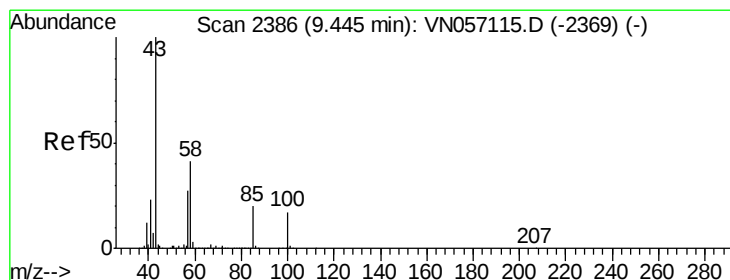
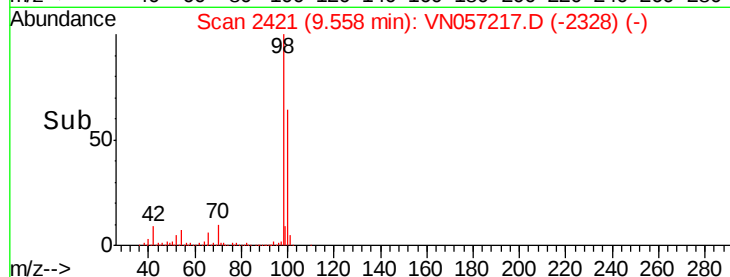
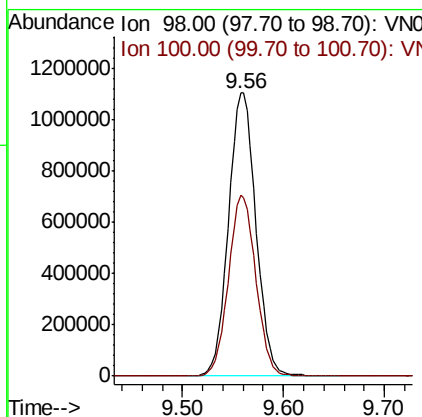
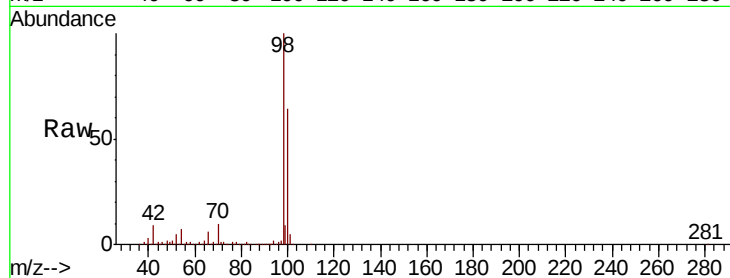




#50
Toluene-d8
Concen: 48.342 ug/l
RT: 9.56 min Scan# 2421
Delta R.T. -0.00 min
Lab File: VN057217.D
Acq: 12 Aug 2019 16:02

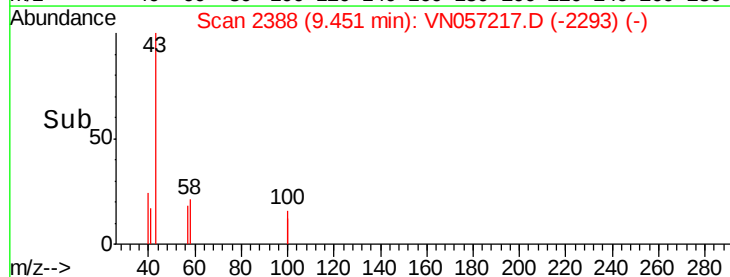
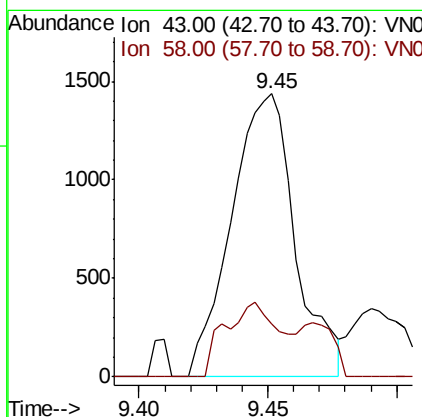
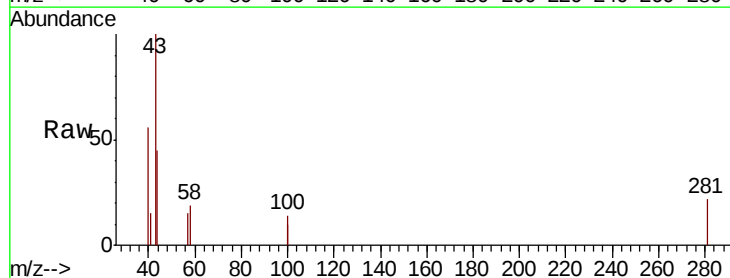
Instrument :
MSVOA_N
ClientSampleId :
MW-23S_080719DL

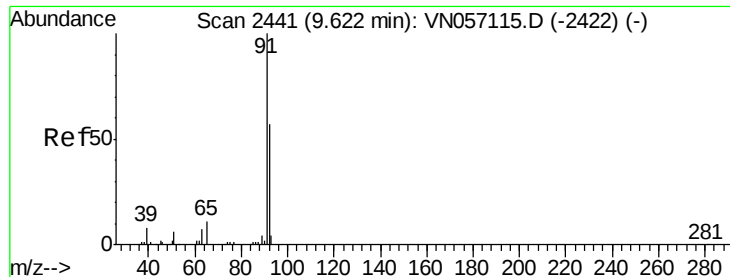
Tgt Ion: 98 Resp: 2093919
Ion Ratio Lower Upper
98 100
100 63.8 51.2 76.8



#51
4-Methyl-2-Pentanone
Concen: 0.205 ug/l
RT: 9.45 min Scan# 2388
Delta R.T. 0.01 min
Lab File: VN057217.D
Acq: 12 Aug 2019 16:02

Tgt Ion: 43 Resp: 2488
Ion Ratio Lower Upper
43 100
58 21.7 33.2 49.8#





#52

Toluene

Concen: 0.483 ug/l

RT: 9.63 min Scan# 2442

Delta R.T. 0.00 min

Lab File: VN057217.D

Acq: 12 Aug 2019 16:02

Instrument :

MSVOA_N

ClientSampleId :

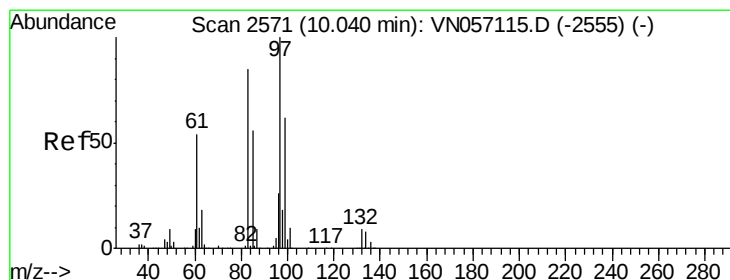
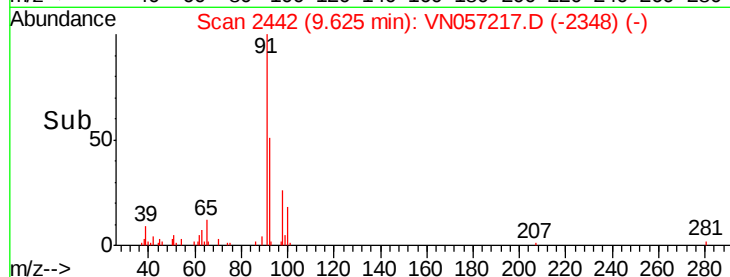
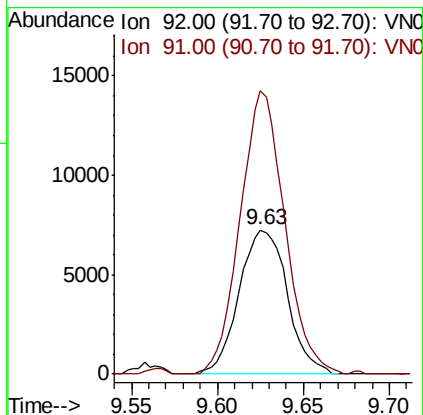
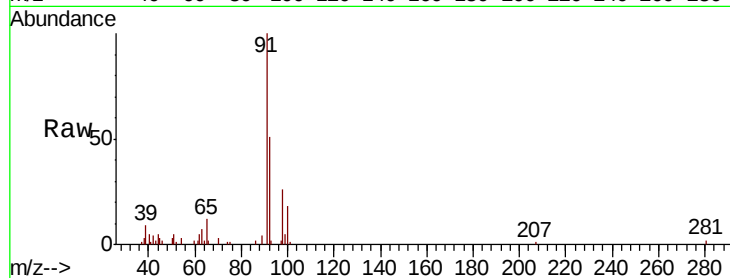
MW-23S_080719DL

Tgt Ion: 92 Resp: 14092

Ion Ratio Lower Upper

92 100

91 182.2 139.8 209.8



#55

1,1,2-Trichloroethane

Concen: 2.768 ug/l

RT: 10.11 min Scan# 2593

Delta R.T. 0.07 min

Lab File: VN057217.D

Acq: 12 Aug 2019 16:02

Tgt Ion: 97 Resp: 31774

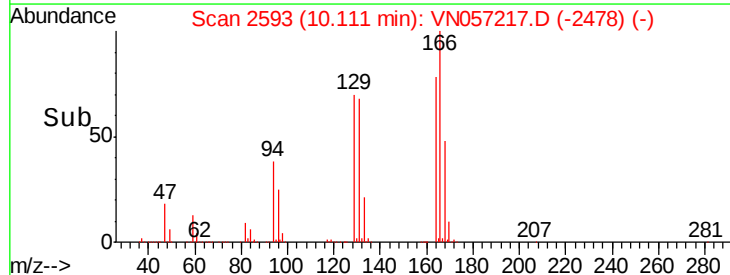
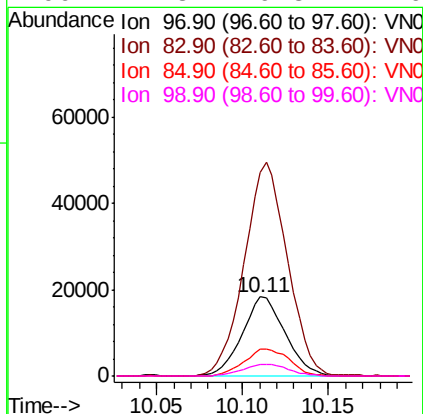
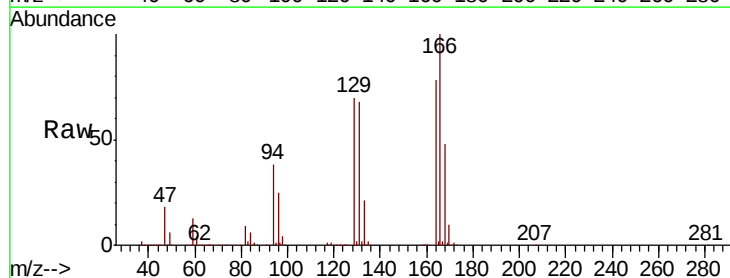
Ion Ratio Lower Upper

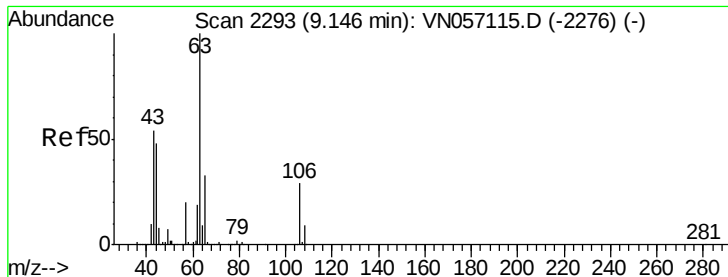
97 100

83 259.0 67.8 101.8#

85 33.7 44.4 66.6#

99 14.3 49.8 74.6#

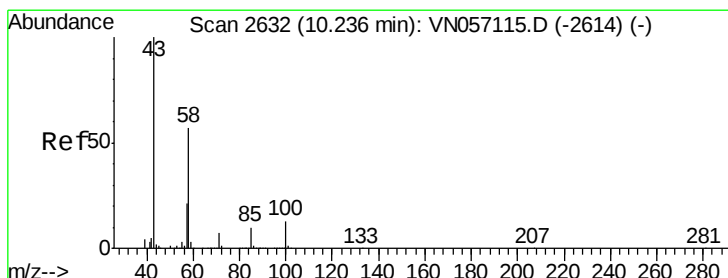
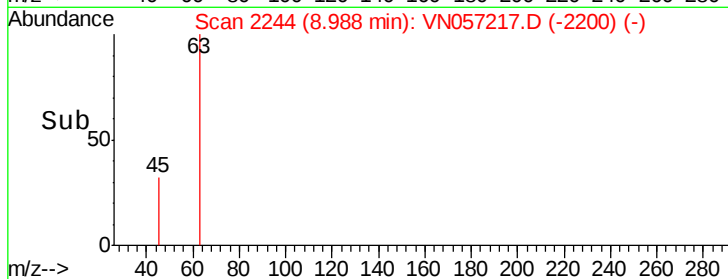
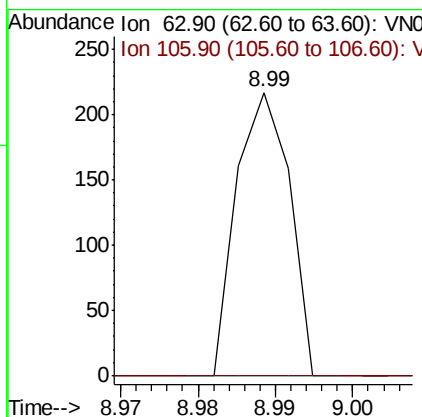
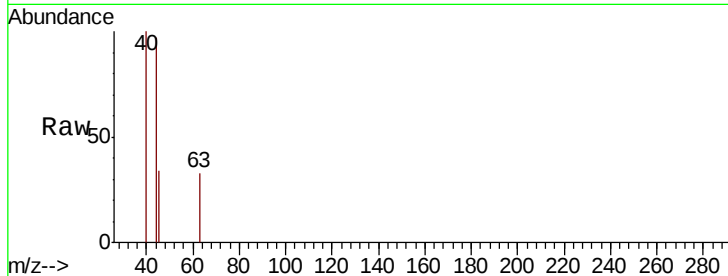




#58
 2-Chloroethyl Vinyl ether
 Concen: 13.131 ug/l
 RT: 8.99 min Scan# 2244
 Delta R.T. -0.16 min
 Lab File: VN057217.D
 Acq: 12 Aug 2019 16:02

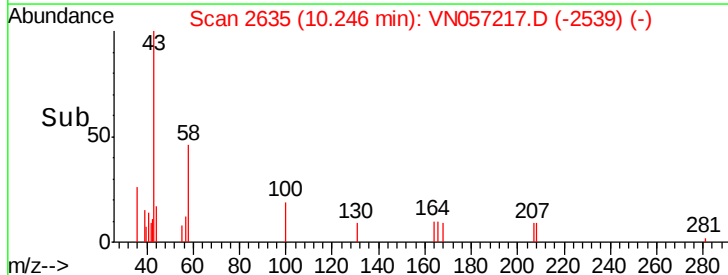
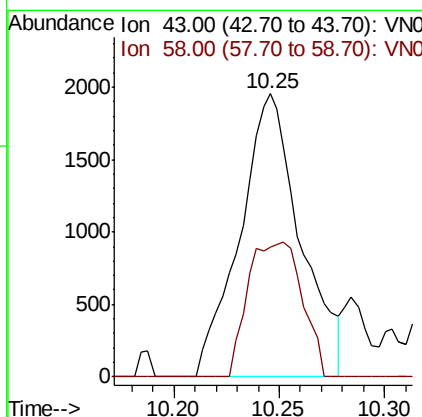
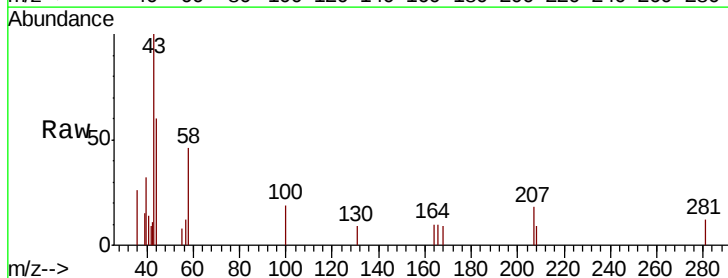
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-23S_080719DL

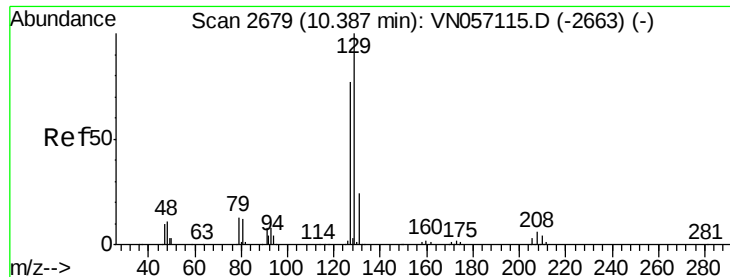
Tgt Ion: 63 Resp: 104
 Ion Ratio Lower Upper
 63 100
 106 0.0 22.6 33.8#



#59
 2-Hexanone
 Concen: 0.474 ug/l
 RT: 10.25 min Scan# 2635
 Delta R.T. 0.01 min
 Lab File: VN057217.D
 Acq: 12 Aug 2019 16:02

Tgt Ion: 43 Resp: 3903
 Ion Ratio Lower Upper
 43 100
 58 42.4 29.2 87.6





#60

Dibromochloromethane

Concen: 321.467 ug/l

RT: 10.11 min Scan# 2594

Delta R.T. -0.27 min

Lab File: VN057217.D

Acq: 12 Aug 2019 16:02

Instrument :

MSVOA_N

ClientSampleId :

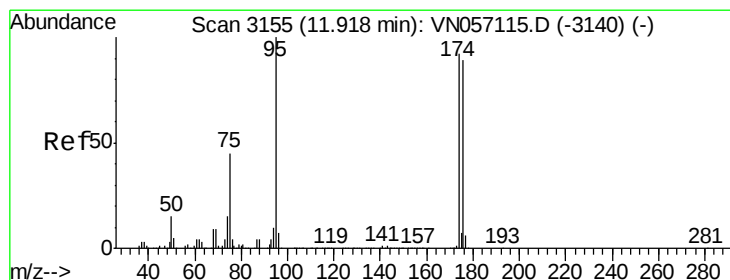
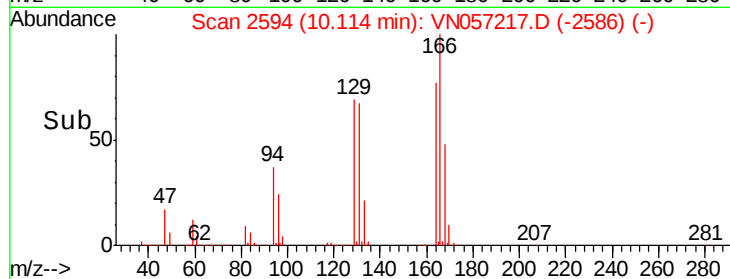
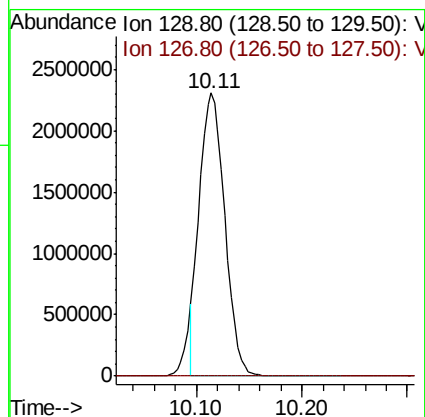
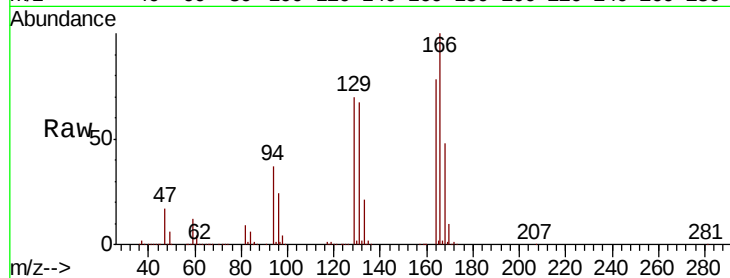
MW-23S_080719DL

Tgt Ion:129 Resp: 3875469

Ion Ratio Lower Upper

129 100

127 0.0 38.6 116.0#



#62

4-Bromofluorobenzene

Concen: 40.147 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. 0.00 min

Lab File: VN057217.D

Acq: 12 Aug 2019 16:02

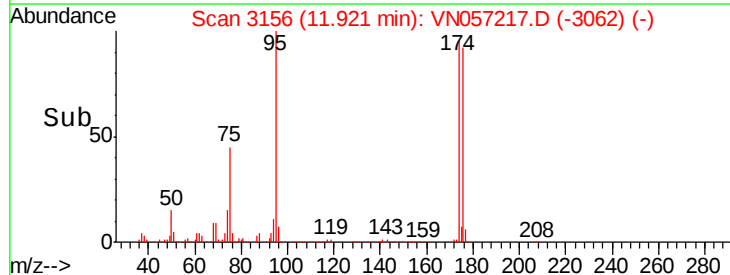
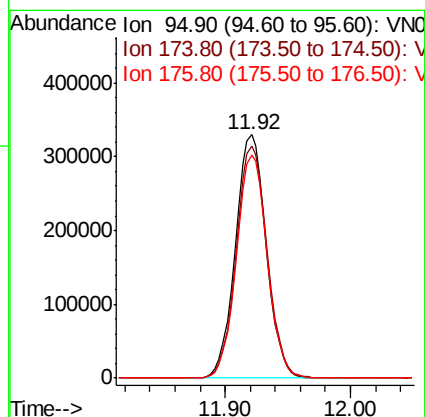
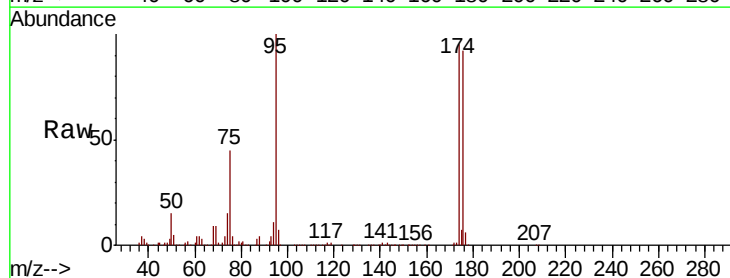
Tgt Ion: 95 Resp: 560311

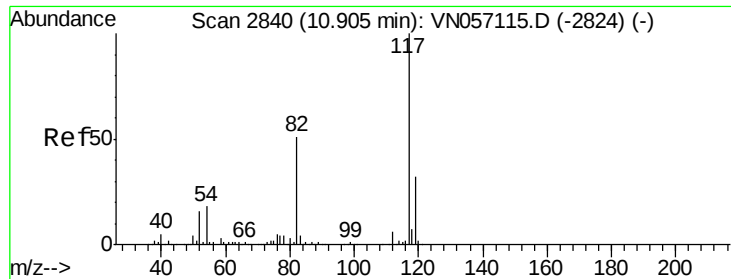
Ion Ratio Lower Upper

95 100

174 96.1 0.0 185.0

176 91.8 0.0 181.2

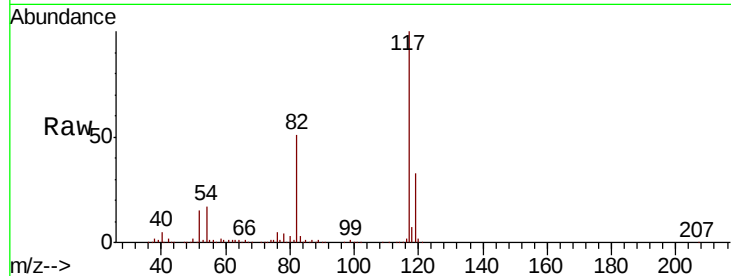




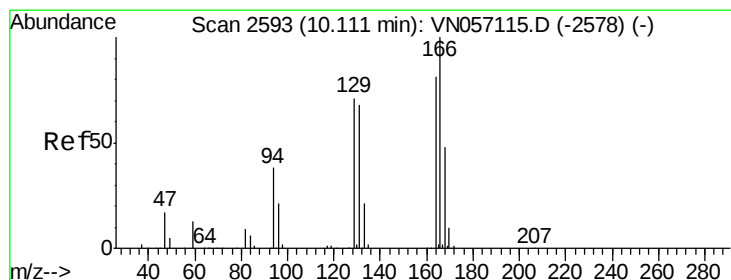
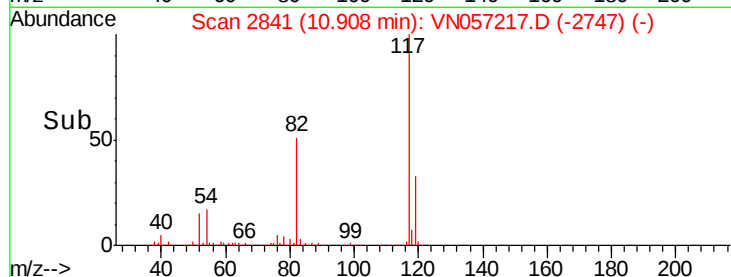
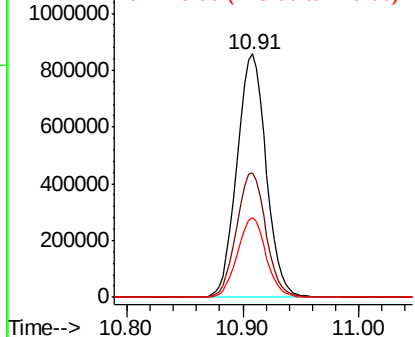
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.91 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN057217.D
Acq: 12 Aug 2019 16:02

Instrument :
MSVOA_N
ClientSampleId :
MW-23S_080719DL

Tgt Ion:117 Resp: 1498122
Ion Ratio Lower Upper
117 100
82 51.4 40.8 61.2
119 32.8 25.7 38.5

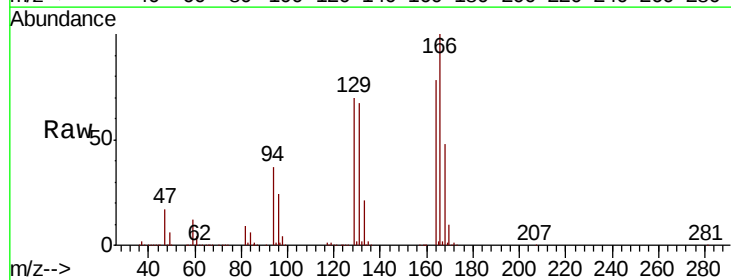


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

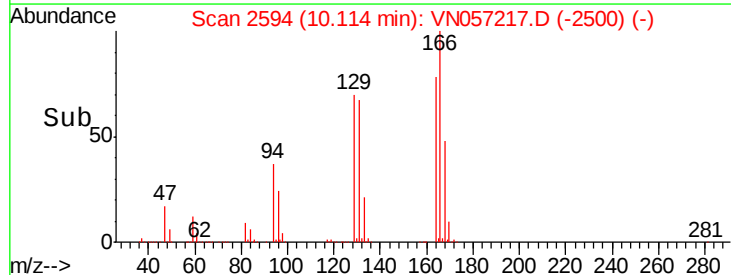
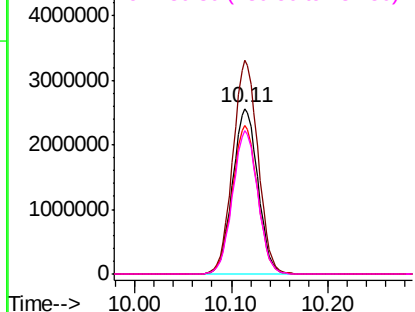


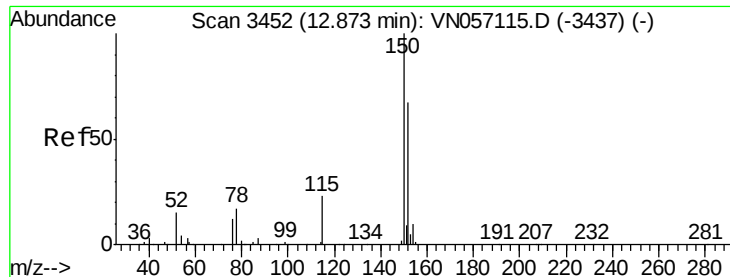
#64
Tetrachloroethene
Concen: 371.933 ug/l
RT: 10.11 min Scan# 2594
Delta R.T. 0.00 min
Lab File: VN057217.D
Acq: 12 Aug 2019 16:02

Tgt Ion:164 Resp: 4633924
Ion Ratio Lower Upper
164 100
166 128.9 98.3 147.5
129 90.0 69.8 104.6
131 86.9 66.8 100.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): 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: VN057217.D

Acq: 12 Aug 2019 16:02

Instrument :

MSVOA_N

ClientSampleId :

MW-23S_080719DL

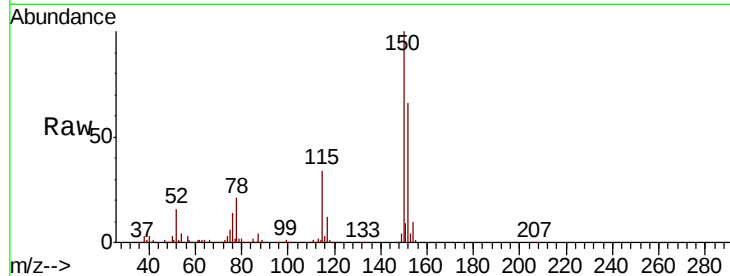
Tgt Ion:152 Resp: 401628

Ion Ratio Lower Upper

152 100

115 54.2 27.5 82.5

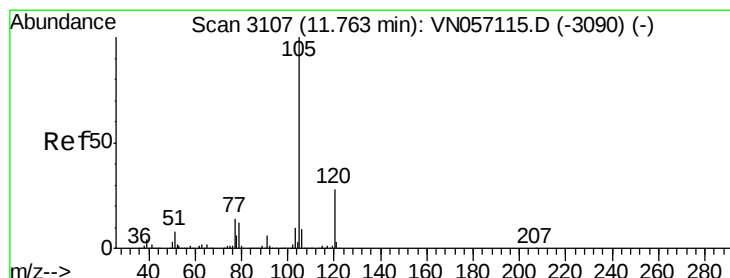
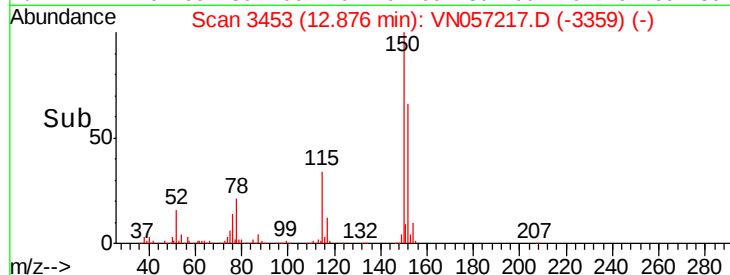
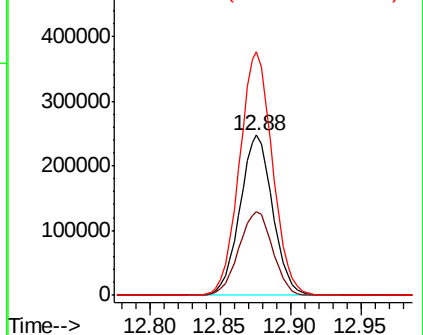
150 153.3 0.0 341.6



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: VN057217.D

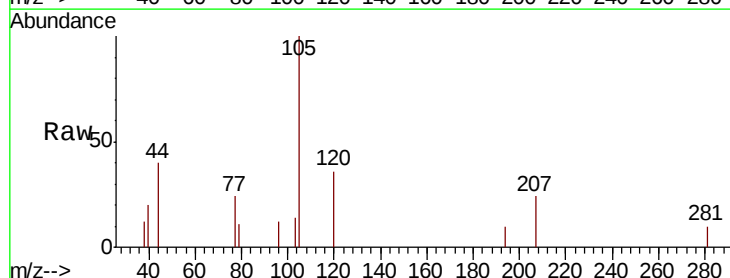
Acq: 12 Aug 2019 16:02

Tgt Ion:105 Resp: 3096

Ion Ratio Lower Upper

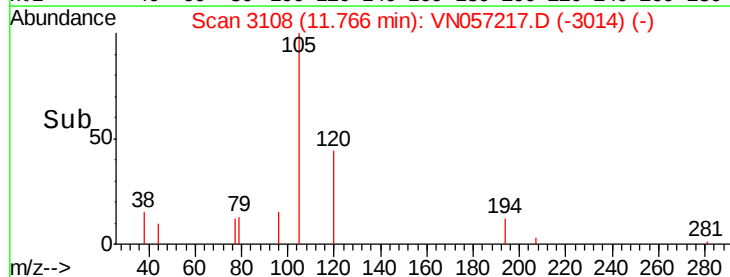
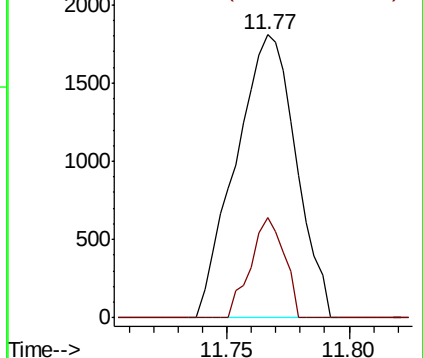
105 100

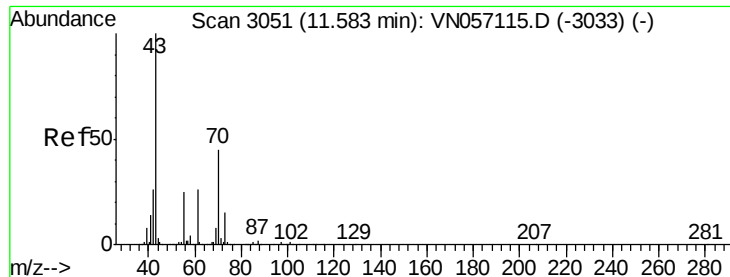
120 19.7 13.7 41.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 0.221 ug/l

RT: 11.59 min Scan# 3054

Delta R.T. 0.01 min

Lab File: VN057217.D

Acq: 12 Aug 2019 16:02

Instrument :

MSVOA_N

ClientSampleId :

MW-23S_080719DL

Tgt Ion: 43 Resp: 2254

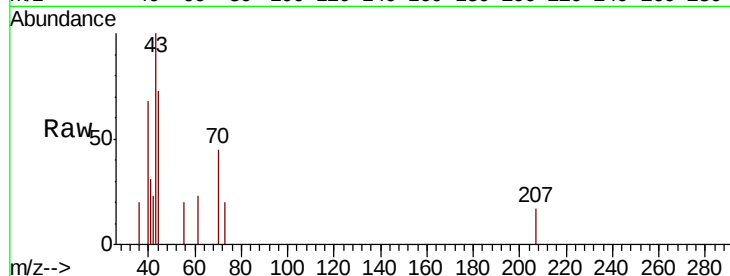
Ion Ratio Lower Upper

43 100

70 34.9 36.8 55.2#

55 17.0 20.6 31.0#

61 15.4 21.0 31.4#

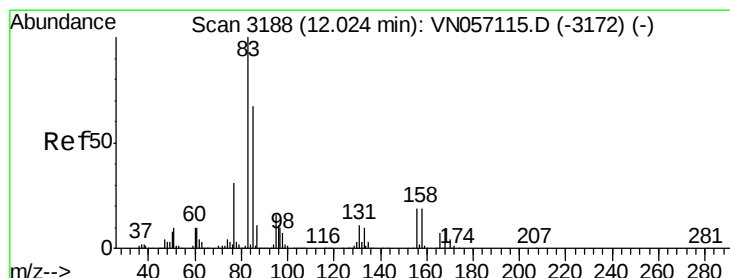
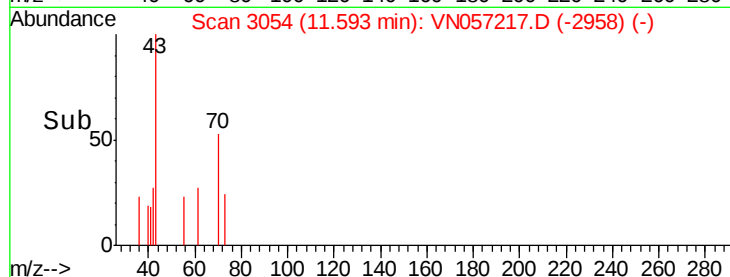
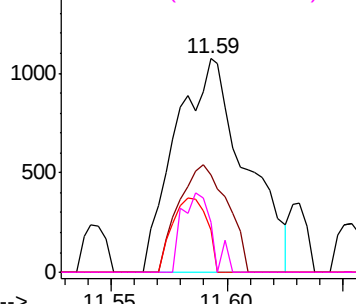


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.03 min Scan# 3190

Delta R.T. 0.01 min

Lab File: VN057217.D

Acq: 12 Aug 2019 16:02

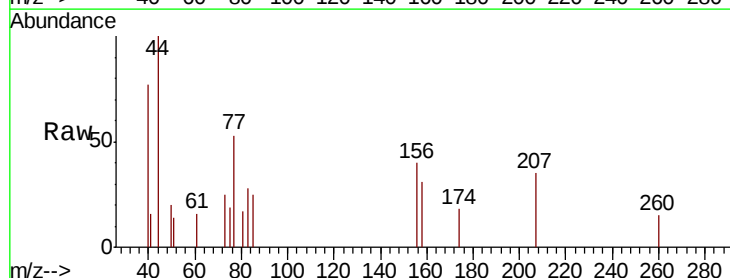
Tgt Ion: 83 Resp: 334

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.4#

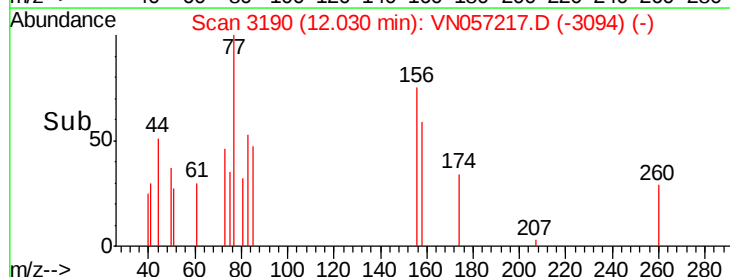
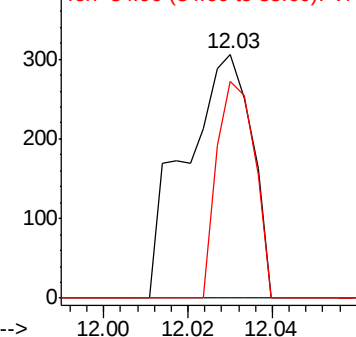
85 50.6 32.4 97.0

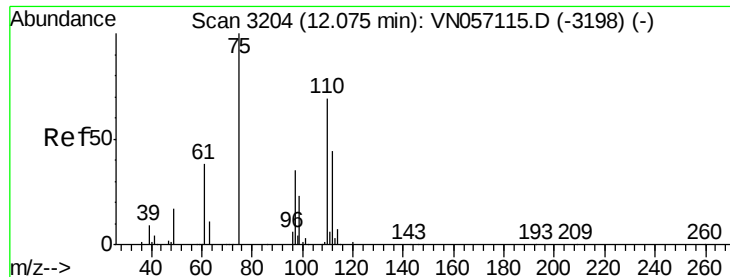


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 31.479 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. -0.15 min

Lab File: VN057217.D

Acq: 12 Aug 2019 16:02

Instrument :

MSVOA_N

ClientSampleId :

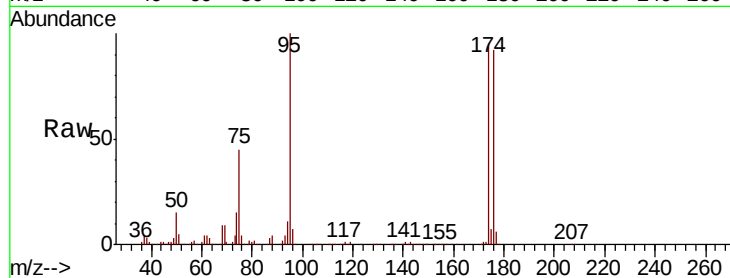
MW-23S_080719DL

Tgt Ion: 75 Resp: 255372

Ion Ratio Lower Upper

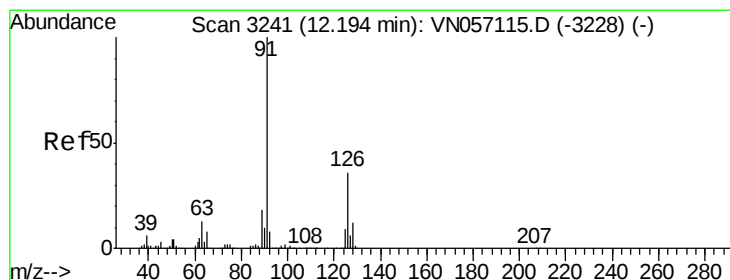
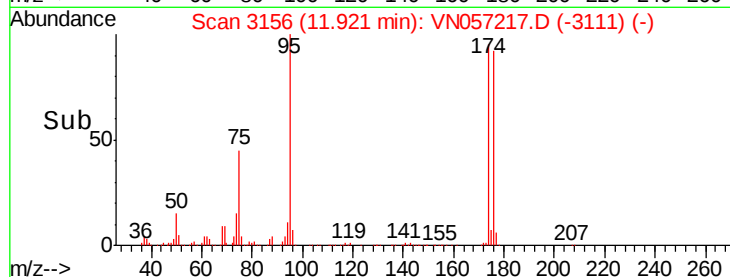
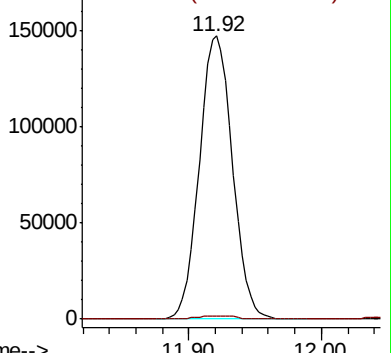
75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.20 min Scan# 3243

Delta R.T. 0.01 min

Lab File: VN057217.D

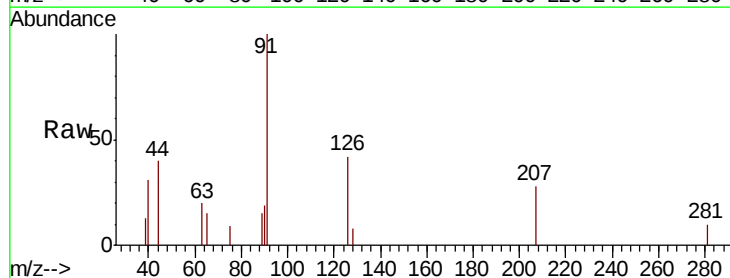
Acq: 12 Aug 2019 16:02

Tgt Ion: 91 Resp: 3597

Ion Ratio Lower Upper

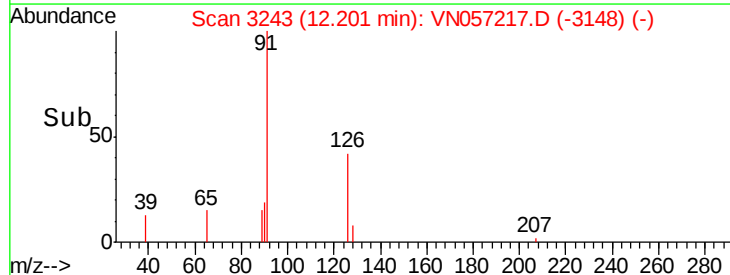
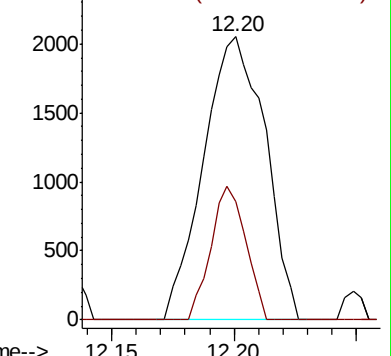
91 100

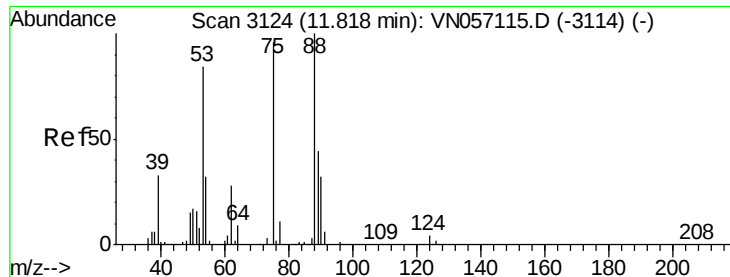
126 26.5 18.1 54.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

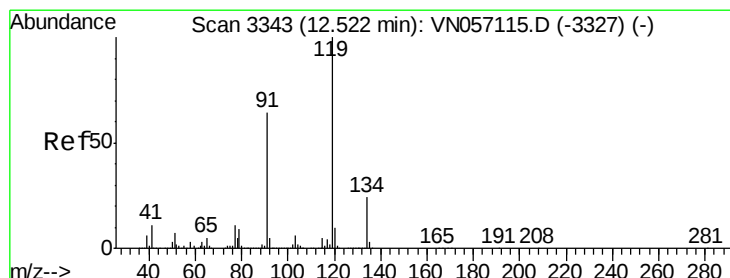
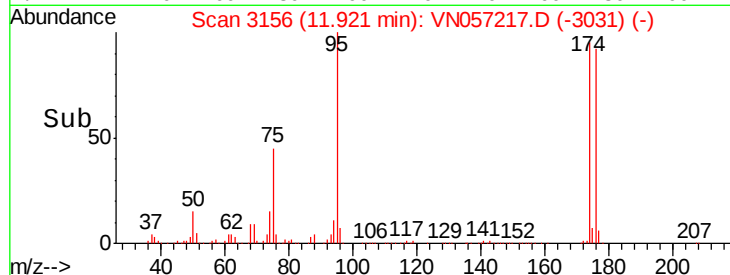
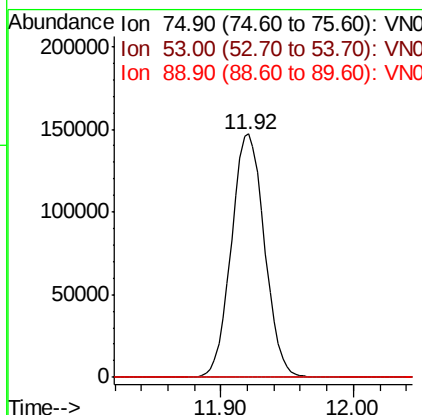
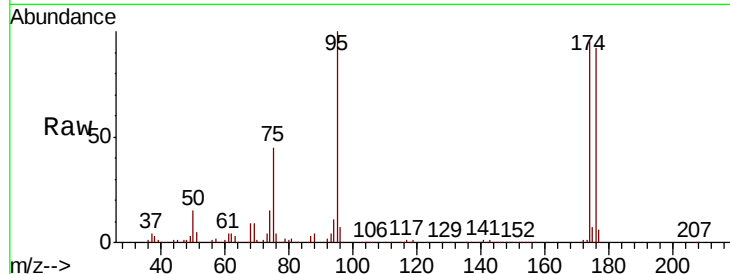




#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.491 ug/l
 RT: 11.92 min Scan# 3156
 Delta R.T. 0.10 min
 Lab File: VN057217.D
 Acq: 12 Aug 2019 16:02

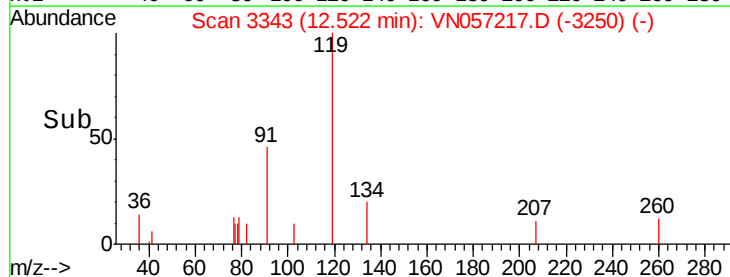
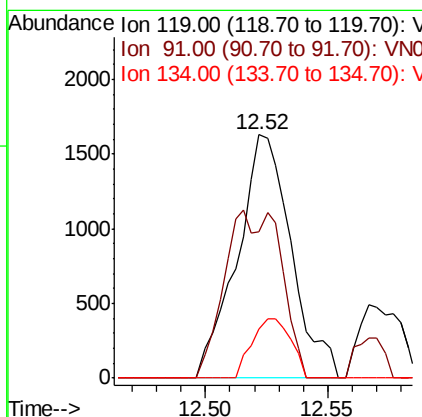
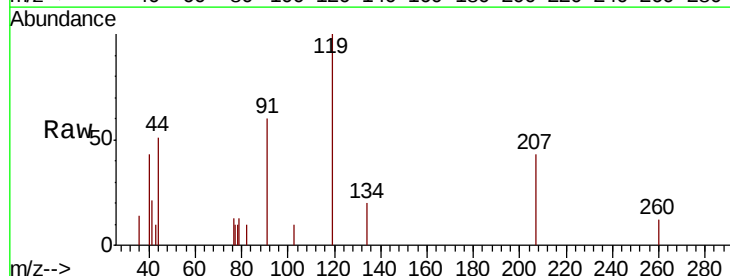
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-23S_080719DL

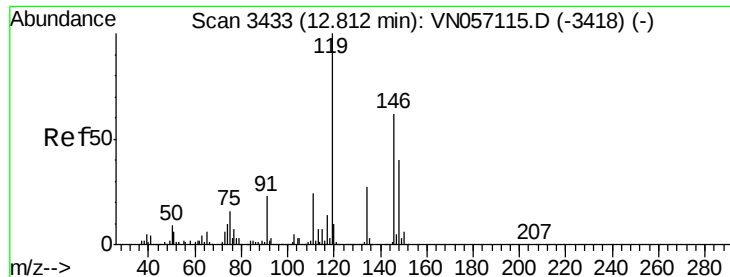
Tgt Ion: 75 Resp: 255372
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.6 106.0#
 89 0.0 36.4 54.6#



#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 12.52 min Scan# 3343
 Delta R.T. 0.00 min
 Lab File: VN057217.D
 Acq: 12 Aug 2019 16:02

Tgt Ion: 119 Resp: 2499
 Ion Ratio Lower Upper
 119 100
 91 38.3 31.4 94.2
 134 17.5 13.2 39.6

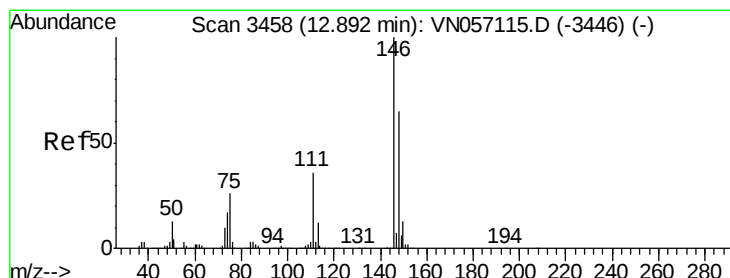
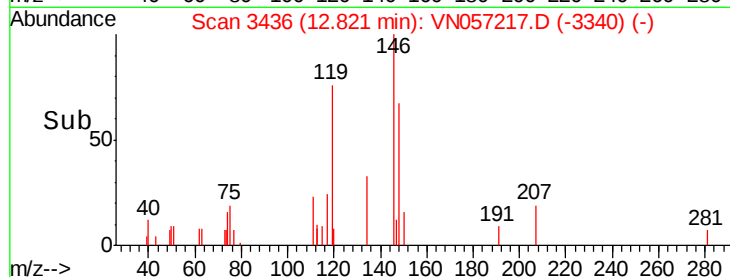
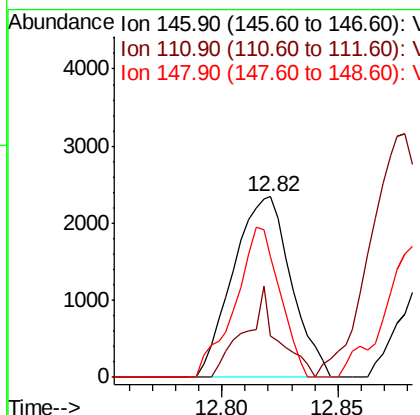
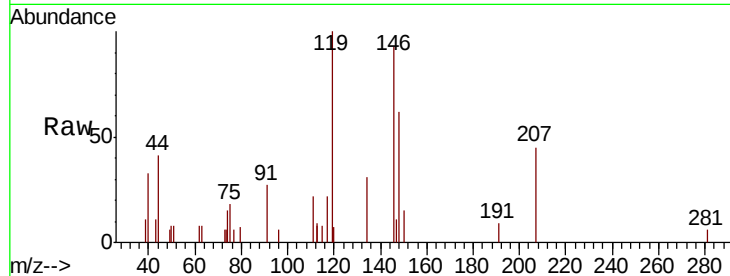




#87
 1,3-Dichlorobenzene
 Concen: 0.297 ug/l
 RT: 12.82 min Scan# 3436
 Delta R.T. 0.01 min
 Lab File: VN057217.D
 Acq: 12 Aug 2019 16:02

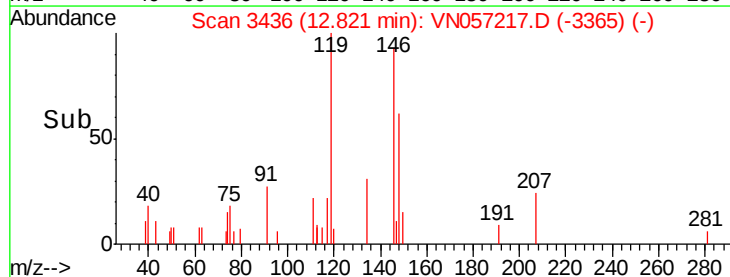
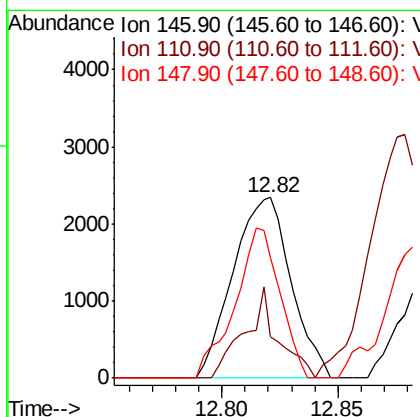
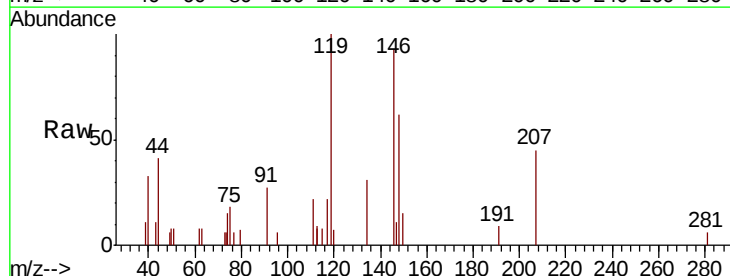
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-23S_080719DL

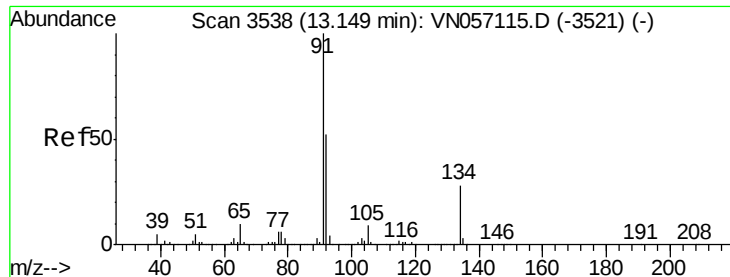
Tgt Ion:146 Resp: 4085
 Ion Ratio Lower Upper
 146 100
 111 29.0 18.8 56.4
 148 64.0 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 0.314 ug/l
 RT: 12.82 min Scan# 3436
 Delta R.T. -0.07 min
 Lab File: VN057217.D
 Acq: 12 Aug 2019 16:02

Tgt Ion:146 Resp: 4085
 Ion Ratio Lower Upper
 146 100
 111 29.0 18.2 54.6
 148 64.0 32.0 96.2





#89

n-Butylbenzene

Concen: 0.216 ug/l

RT: 13.15 min Scan# 3539

Delta R.T. 0.00 min

Lab File: VN057217.D

Acq: 12 Aug 2019 16:02

Instrument :

MSVOA_N

ClientSampleId :

MW-23S_080719DL

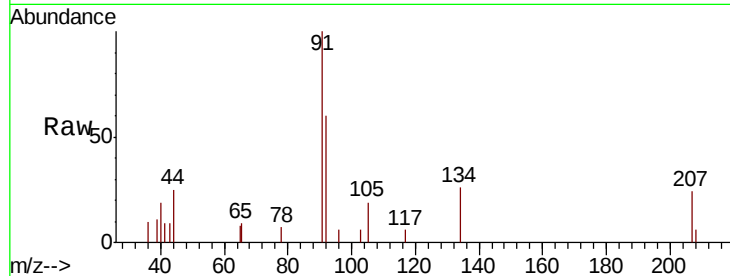
Tgt Ion: 91 Resp: 4580

Ion Ratio Lower Upper

91 100

92 58.4 26.5 79.4

134 26.5 14.1 42.3

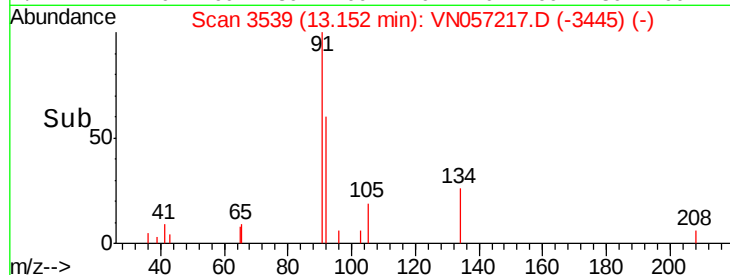


Abundance Ion 91.00 (90.70 to 91.70): VN057115.D (-3521) (-)

Ion 92.00 (91.70 to 92.70): VN057115.D (-3521) (-)

Ion 134.00 (133.70 to 134.70): VN057115.D (-3521) (-)

Time--> 13.10 13.15 13.20

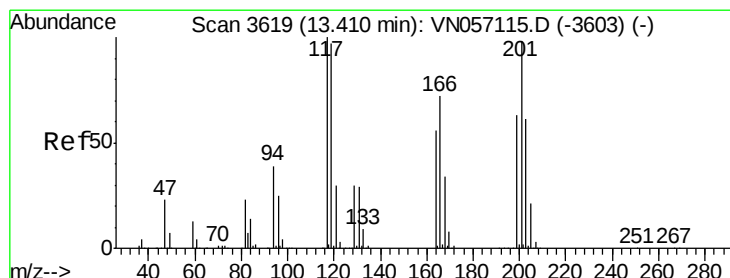


Abundance Ion 91.00 (90.70 to 91.70): VN057217.D (-3445) (-)

Ion 92.00 (91.70 to 92.70): VN057217.D (-3445) (-)

Ion 134.00 (133.70 to 134.70): VN057217.D (-3445) (-)

Time--> 13.10 13.15 13.20



#90

Hexachloroethane

Concen: Below Cal

RT: 13.41 min Scan# 3618

Delta R.T. -0.00 min

Lab File: VN057217.D

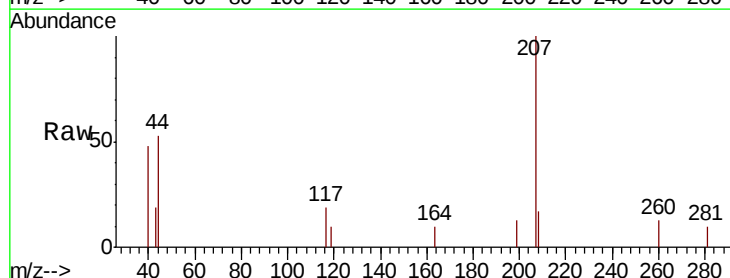
Acq: 12 Aug 2019 16:02

Tgt Ion: 117 Resp: 238

Ion Ratio Lower Upper

117 100

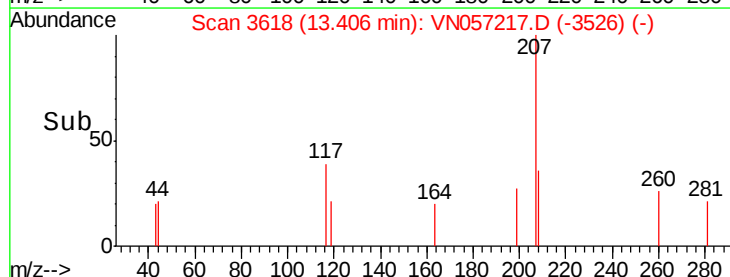
201 12.6 49.3 147.8#



Abundance Ion 116.80 (116.50 to 117.50): VN057115.D (-3603) (-)

Ion 200.70 (200.40 to 201.40): VN057115.D (-3603) (-)

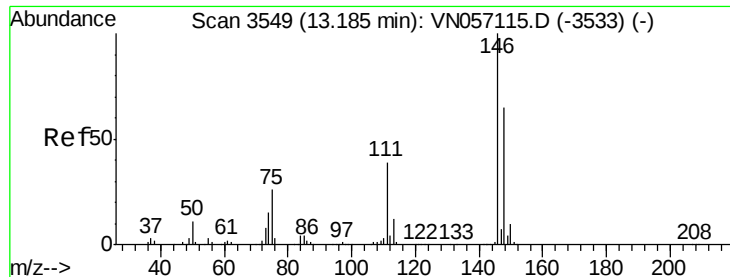
Time--> 13.39 13.40 13.41



Abundance Ion 116.80 (116.50 to 117.50): VN057217.D (-3526) (-)

Ion 200.70 (200.40 to 201.40): VN057217.D (-3526) (-)

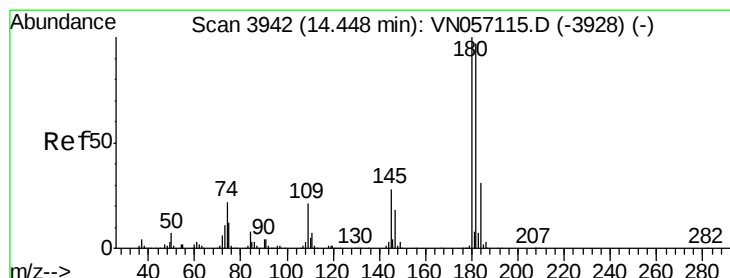
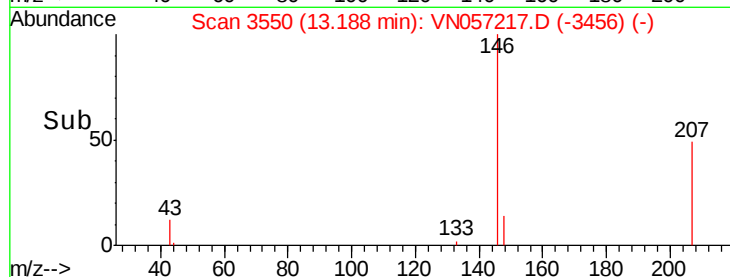
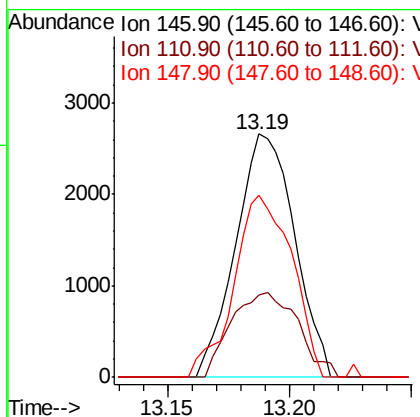
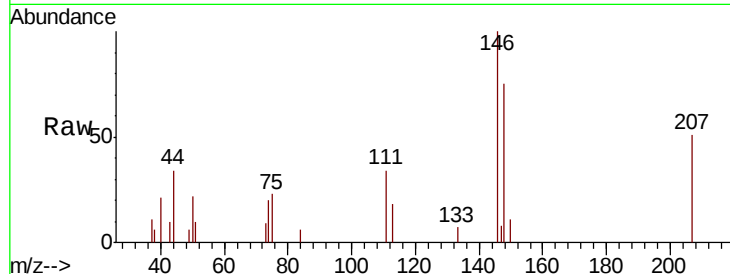
Time--> 13.39 13.40 13.41



#91
 1,2-Dichlorobenzene
 Concen: 0.324 ug/l
 RT: 13.19 min Scan# 3550
 Delta R.T. 0.00 min
 Lab File: VN057217.D
 Acq: 12 Aug 2019 16:02

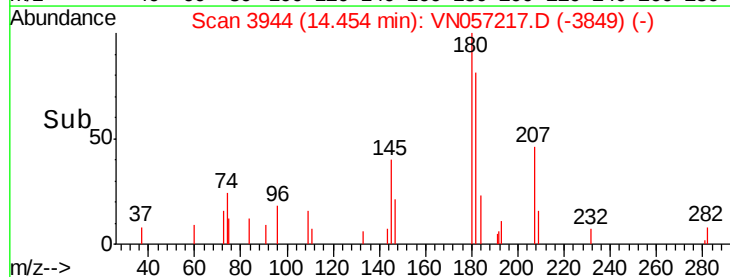
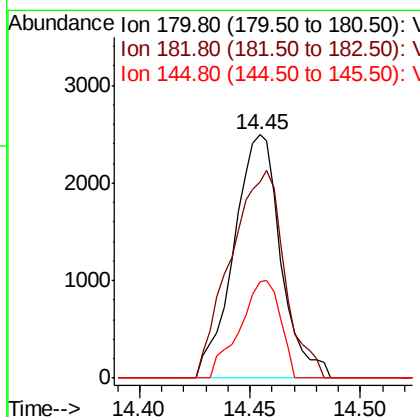
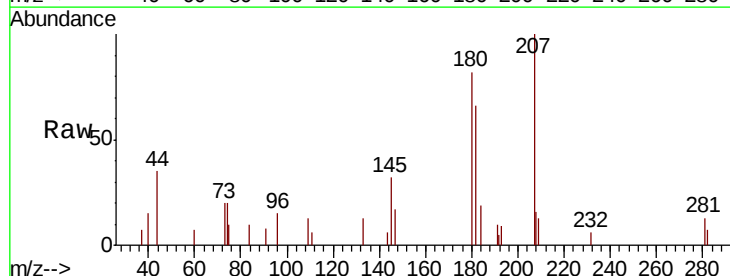
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-23S_080719DL

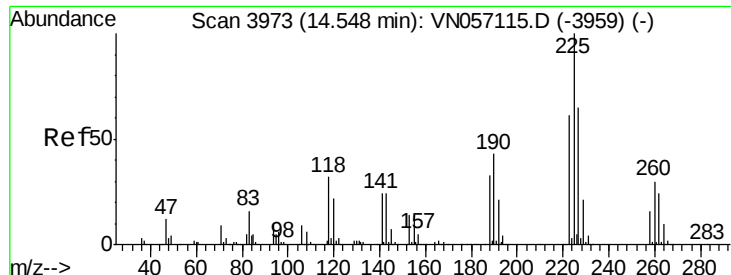
Tgt Ion:146 Resp: 4443
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.2 57.6
 148 74.0 32.4 97.0



#93
 1,2,4-Trichlorobenzene
 Concen: 6.491 ug/l
 RT: 14.45 min Scan# 3944
 Delta R.T. 0.01 min
 Lab File: VN057217.D
 Acq: 12 Aug 2019 16:02

Tgt Ion:180 Resp: 3705
 Ion Ratio Lower Upper
 180 100
 182 97.1 47.5 142.6
 145 34.5 14.1 42.2





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 14.55 min Scan# 3974

Delta R.T. 0.00 min

Lab File: VN057217.D

Acq: 12 Aug 2019 16:02

Instrument :

MSVOA_N

ClientSampleId :

MW-23S_080719DL

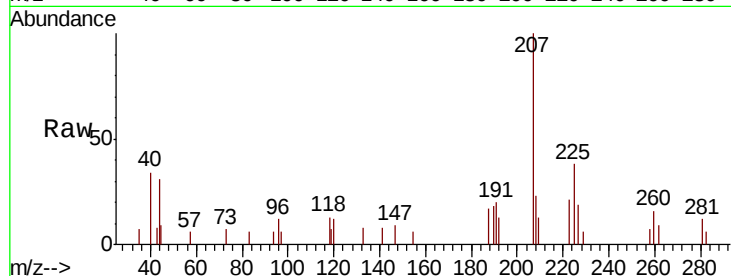
Tgt Ion: 225 Resp: 1312

Ion Ratio Lower Upper

225 100

223 51.4 30.9 92.8

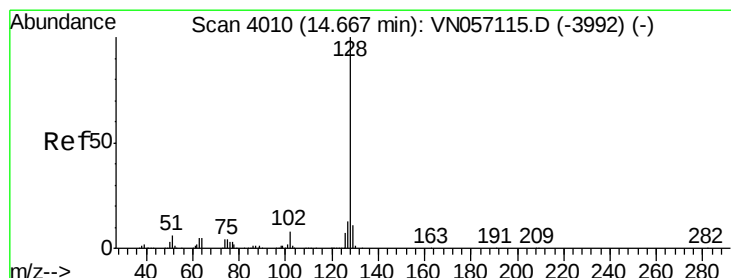
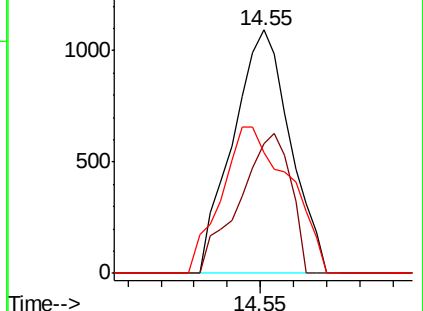
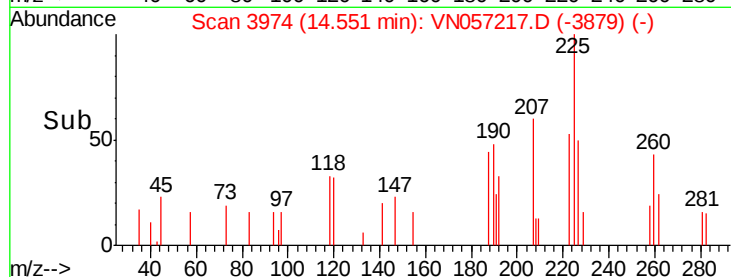
227 71.5 32.4 97.0



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 3.463 ug/l

RT: 14.67 min Scan# 4012

Delta R.T. 0.01 min

Lab File: VN057217.D

Acq: 12 Aug 2019 16:02

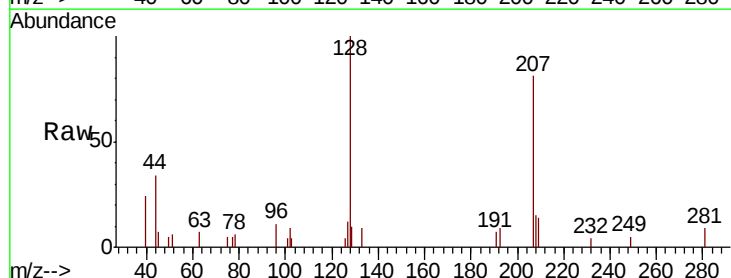
Tgt Ion: 128 Resp: 6844

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

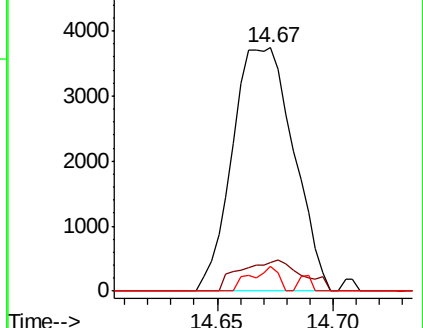
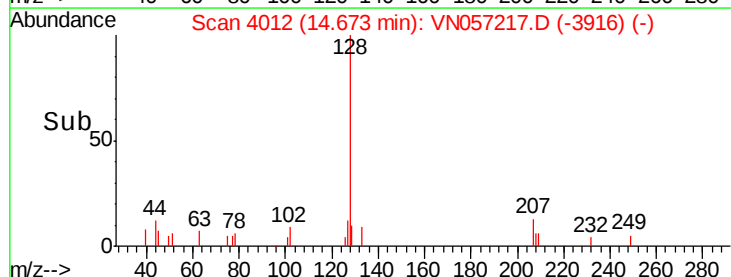
129 4.5 8.8 13.2#

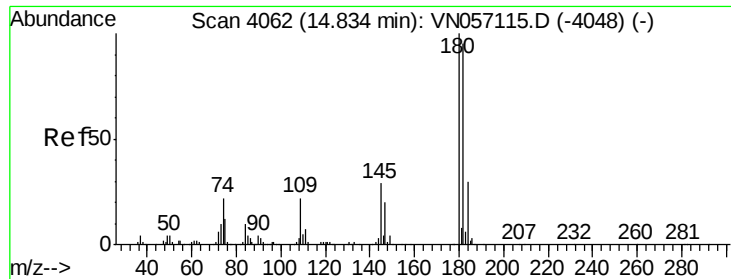


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 6.391 ug/l
 RT: 14.84 min Scan# 4065
 Delta R.T. 0.01 min
 Lab File: VN057217.D
 Acq: 12 Aug 2019 16:02

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-23S_080719DL

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.6	48.3	144.8
145	25.6	14.9	44.5

