

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082419\
 Data File : VN057476.D
 Acq On : 23 Aug 2019 17:04
 Operator : JC/SP
 Sample : VN0824WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824WBL01

Quant Time: Aug 26 05:10:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 05:07:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	419530	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	726348	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	583014	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	149847	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	340379	46.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.24%	
35) Dibromofluoromethane	7.58	113	233240	47.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.08%	
50) Toluene-d8	10.08	98	900202	48.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.06%	
62) 4-Bromofluorobenzene	12.40	95	241323	38.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.78%	

Target Compounds					Qvalue	
3) Chloromethane	2.05	50	1513	0.214 ug/l		91
5) Bromomethane	2.55	94	2706	0.510 ug/l #		38
8) Diethyl Ether	3.36	74	510	Below Cal		71
9) 1,1,2-Trichlorotrifluoroet	3.73	101	283	Below Cal #		22
10) Methyl Iodide	3.91	142	1135	0.208 ug/l #		82
13) Acrolein	3.58	56	389	0.482 ug/l #		1
18) Methyl Acetate	4.30	43	2357	Below Cal #		16
31) Cyclohexane	7.65	56	13435	1.296 ug/l #		33
36) 1,1-Dichloropropene	7.65	75	41147	5.544 ug/l #		51
38) Carbon Tetrachloride	7.65	117	46269	6.275 ug/l #		16
58) 2-Chloroethyl Vinyl ether	9.71	63	30	17.077 ug/l #		52
71) Bromoform	12.40	173	879	0.288 ug/l #		1
73) Isopropylbenzene	12.25	105	842	Below Cal #		65
74) N-amyl acetate	12.08	43	742	Below Cal #		55
75) 1,1,2,2-Tetrachloroethane	12.52	83	29	Below Cal #		25
76) 1,2,3-Trichloropropane	12.40	75	139264	41.341 ug/l #		100
78) n-propylbenzene	12.59	91	655	Below Cal #		75
79) 2-Chlorotoluene	12.68	91	756	Below Cal		77
80) 1,3,5-Trimethylbenzene	12.73	105	886	Below Cal		83
81) trans-1,4-Dichloro-2-buten	12.40	75	139264	106.502 ug/l #		8
82) 4-Chlorotoluene	12.78	91	1148	Below Cal		84
83) tert-Butylbenzene	12.99	119	574	Below Cal #		68
85) sec-Butylbenzene	13.17	105	1091	Below Cal		91
87) 1,3-Dichlorobenzene	13.29	146	1253	0.259 ug/l #		61
88) 1,4-Dichlorobenzene	13.37	146	1132	0.239 ug/l #		25
89) n-Butylbenzene	13.63	91	2035	0.205 ug/l		90
90) Hexachloroethane	13.87	117	33	Below Cal #		17
92) 1,2-Dibromo-3-Chloropropan	14.25	75	72	Below Cal #		11
93) 1,2,4-Trichlorobenzene	14.91	180	1508	6.092 ug/l		97
94) Hexachlorobutadiene	15.02	225	361	Below Cal #		42
95) Naphthalene	15.13	128	3472	4.871 ug/l #		82
96) 1,2,3-Trichlorobenzene	15.30	180	1308	5.744 ug/l		78

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Quant Title : SW846 8260
QLast Update : Fri Aug 23 05:07:29 2019
Response via : Initial Calibration

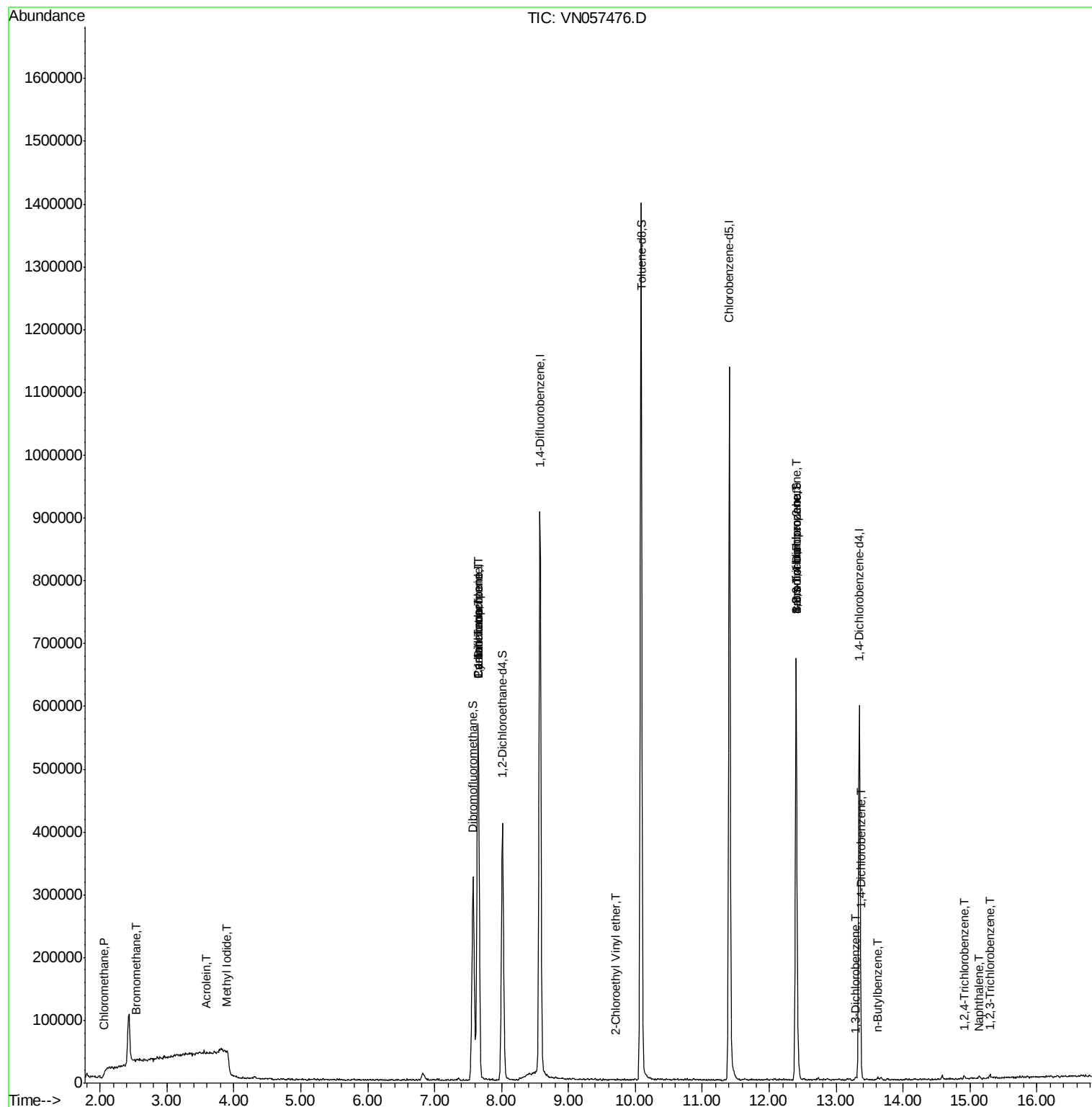
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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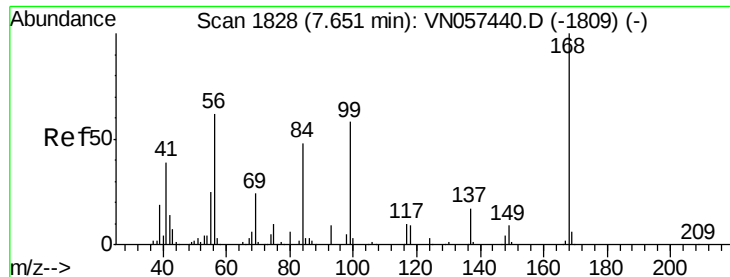
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN082419\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN057476.D

Acq: 23 Aug 2019 17:04

Instrument :

MSVOA_N

ClientSampleId :

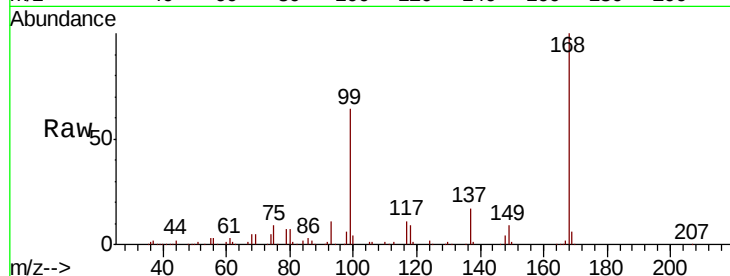
VN0824WBL01

Tgt Ion:168 Resp: 419530

Ion Ratio Lower Upper

168 100

99 64.2 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

7.65

200000

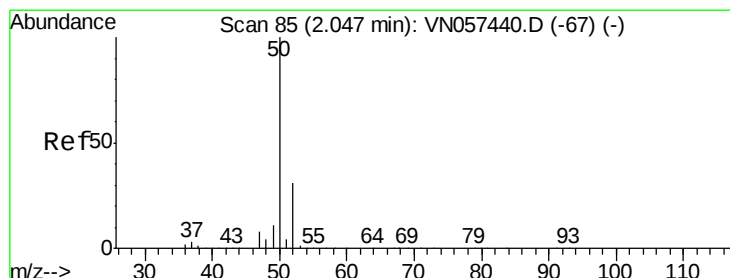
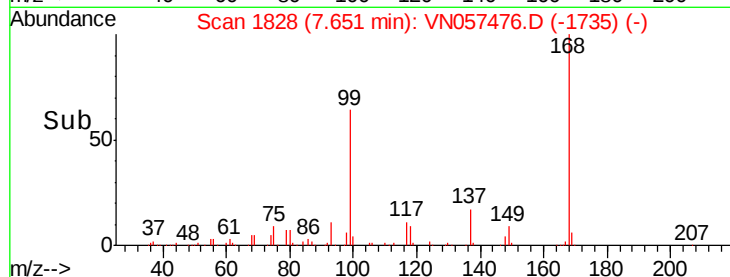
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.214 ug/l

RT: 2.05 min Scan# 85

Delta R.T. -0.00 min

Lab File: VN057476.D

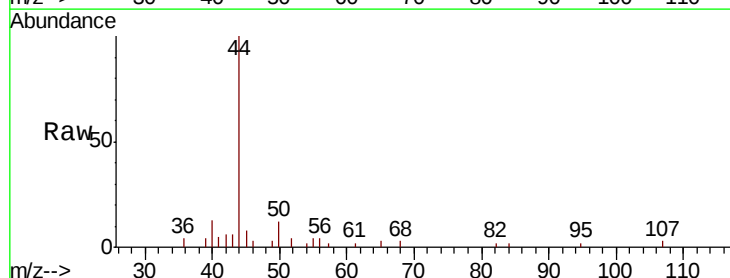
Acq: 23 Aug 2019 17:04

Tgt Ion: 50 Resp: 1513

Ion Ratio Lower Upper

50 100

52 36.6 25.1 37.7



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.05

800

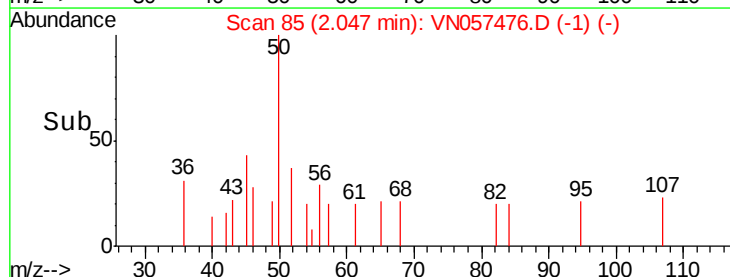
600

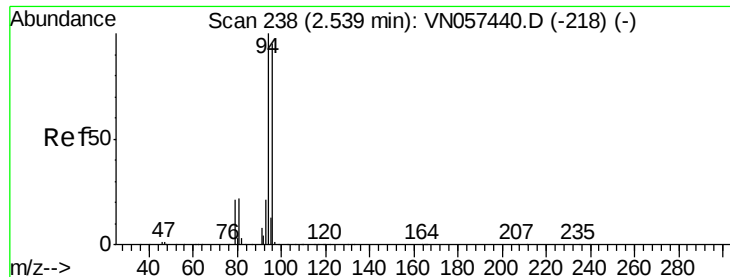
400

200

0

Time-->





#5

Bromomethane

Concen: 0.510 ug/l

RT: 2.55 min Scan# 242

Delta R.T. 0.01 min

Lab File: VN057476.D

Acq: 23 Aug 2019 17:04

Instrument :

MSVOA_N

ClientSampleId :

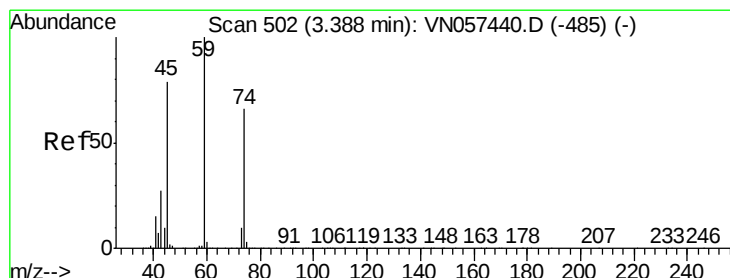
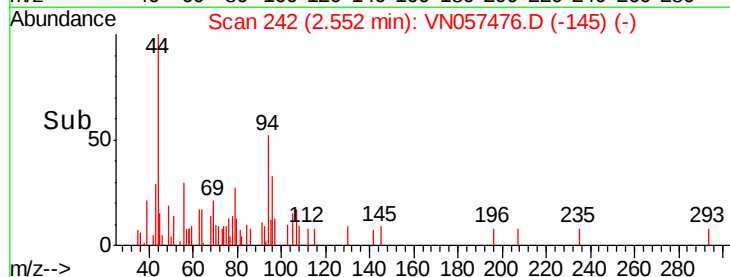
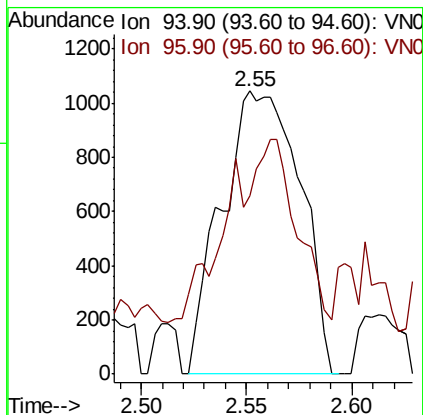
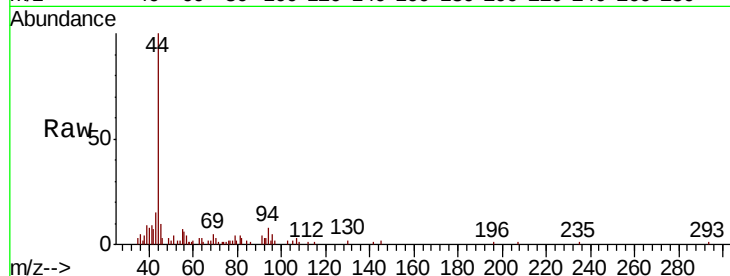
VN0824WBL01

Tgt Ion: 94 Resp: 2706

Ion Ratio Lower Upper

94 100

96 35.0 76.2 114.4#



#8

Diethyl Ether

Concen: Below Cal

RT: 3.36 min Scan# 494

Delta R.T. -0.03 min

Lab File: VN057476.D

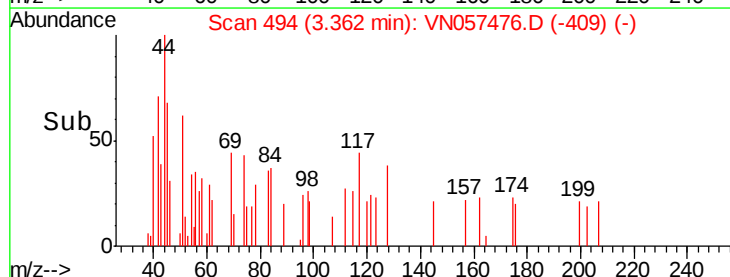
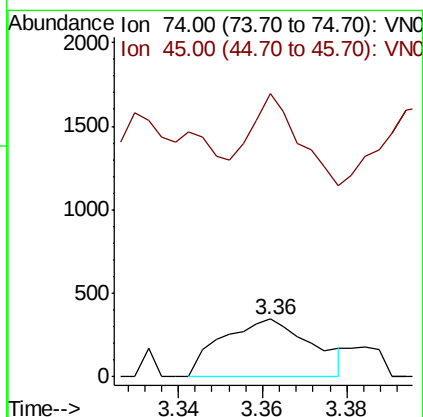
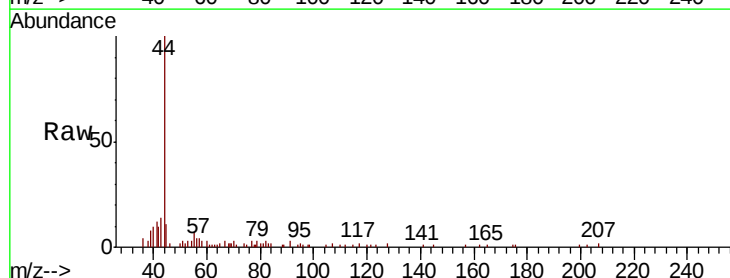
Acq: 23 Aug 2019 17:04

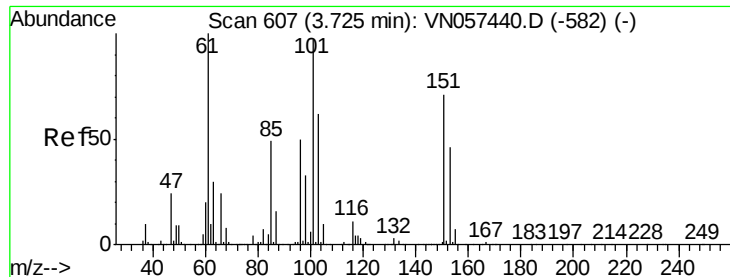
Tgt Ion: 74 Resp: 510

Ion Ratio Lower Upper

74 100

45 83.7 57.9 173.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: Below Cal

RT: 3.73 min Scan# 609

Delta R.T. 0.01 min

Lab File: VN057476.D

Acq: 23 Aug 2019 17:04

Instrument :

MSVOA_N

ClientSampled :

VN0824WBL01

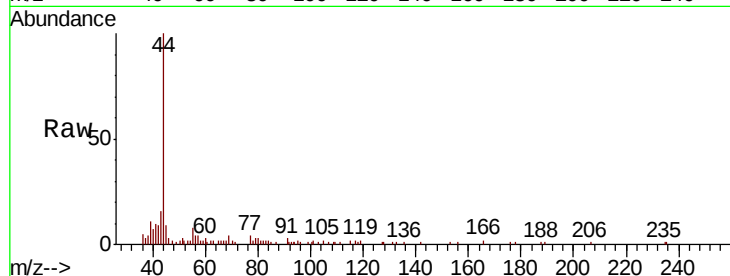
Tgt Ion:101 Resp: 283

Ion Ratio Lower Upper

101 100

85 108.1 40.0 60.0#

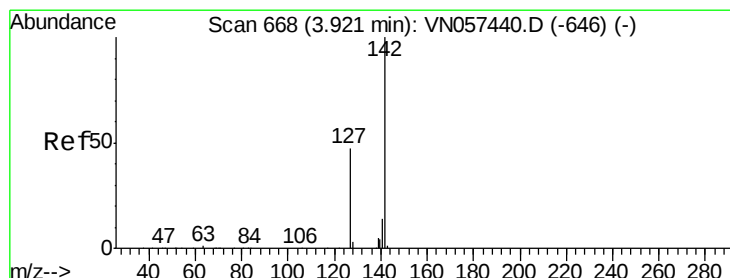
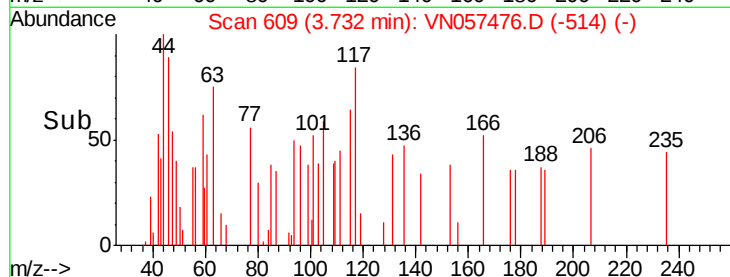
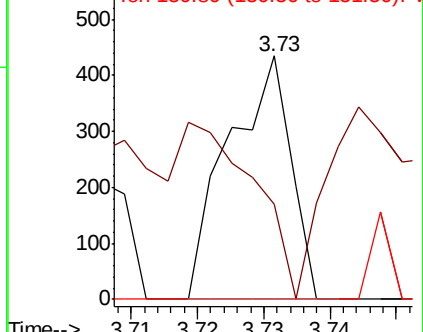
151 10.6 57.0 85.6#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 0.208 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.01 min

Lab File: VN057476.D

Acq: 23 Aug 2019 17:04

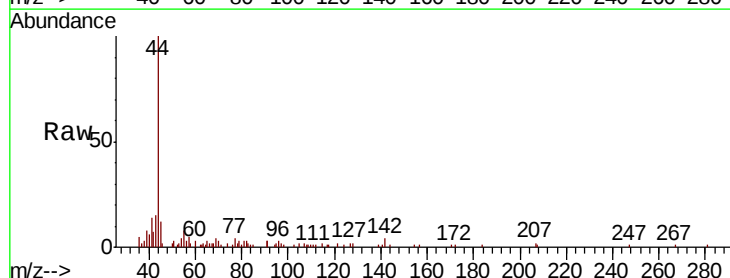
Tgt Ion:142 Resp: 1135

Ion Ratio Lower Upper

142 100

127 33.1 37.8 56.8#

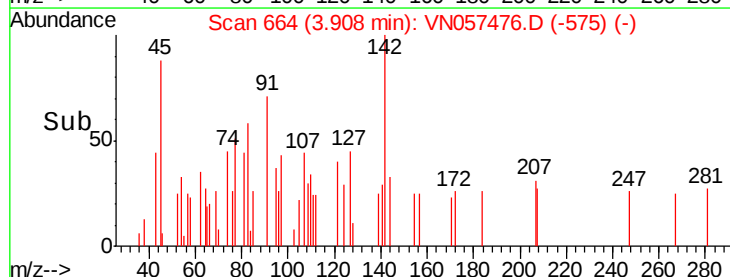
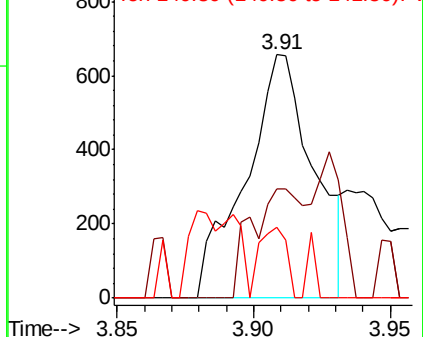
141 11.5 11.9 17.9#

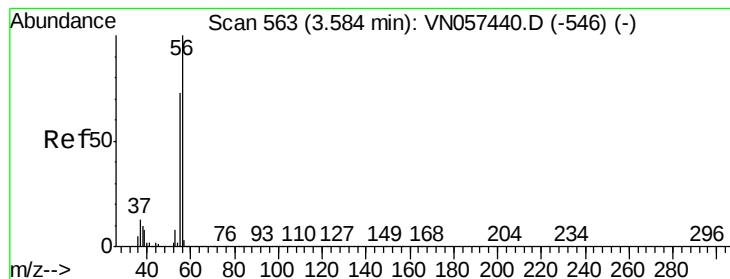


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#13

Acrolein

Concen: 0.482 ug/l

RT: 3.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VN057476.D

Acq: 23 Aug 2019 17:04

Instrument :

MSVOA_N

ClientSampleId :

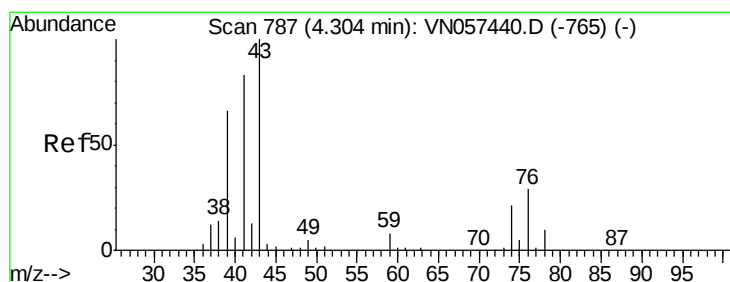
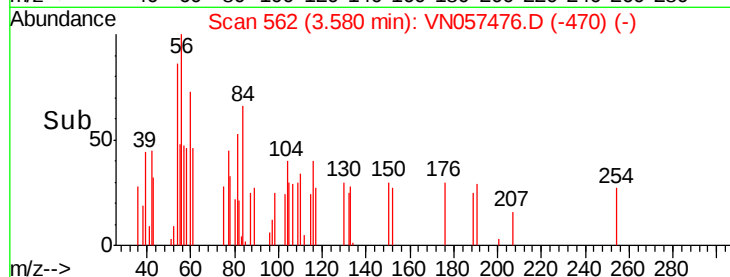
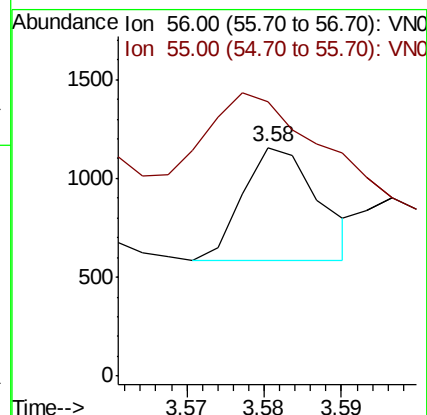
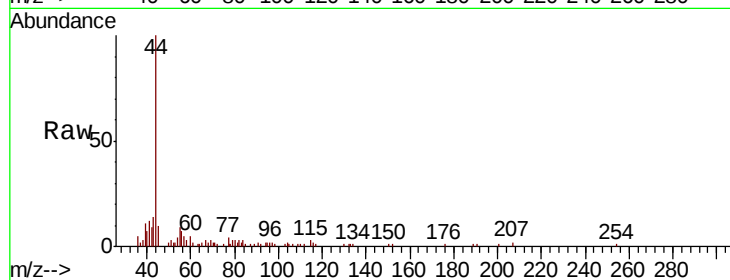
VN0824WBL01

Tgt Ion: 56 Resp: 389

Ion Ratio Lower Upper

56 100

55 163.8 59.0 88.4#



#18

Methyl Acetate

Concen: Below Cal

RT: 4.30 min Scan# 786

Delta R.T. -0.00 min

Lab File: VN057476.D

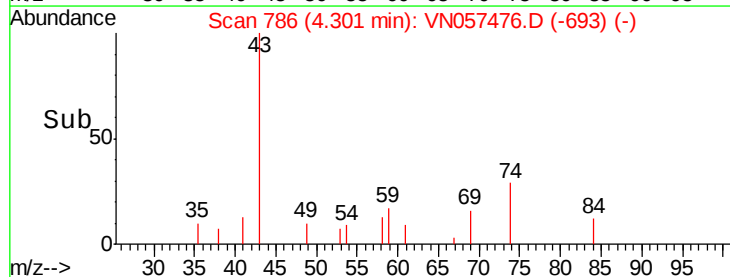
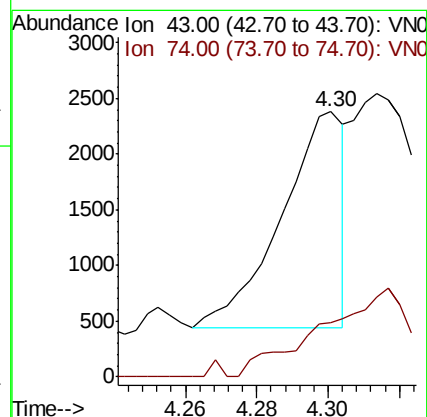
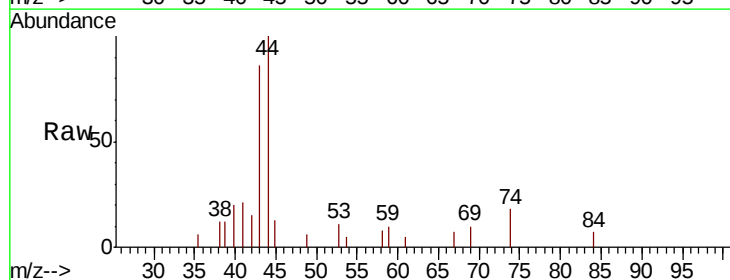
Acq: 23 Aug 2019 17:04

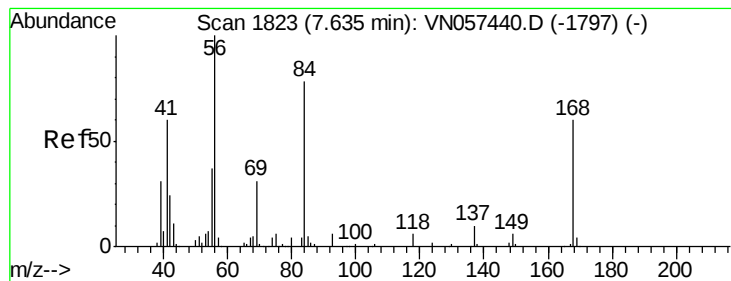
Tgt Ion: 43 Resp: 2357

Ion Ratio Lower Upper

43 100

74 58.6 15.9 23.9#





#31

Cyclohexane

Concen: 1.296 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.01 min

Lab File: VN057476.D

Acq: 23 Aug 2019 17:04

Instrument :

MSVOA_N

ClientSampleId :

VN0824WBL01

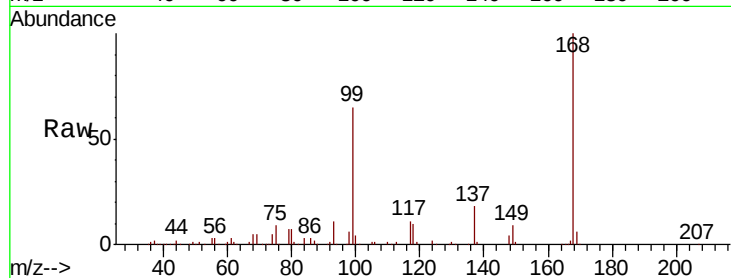
Tgt Ion: 56 Resp: 13435

Ion Ratio Lower Upper

56 100

69 150.5 25.0 37.6#

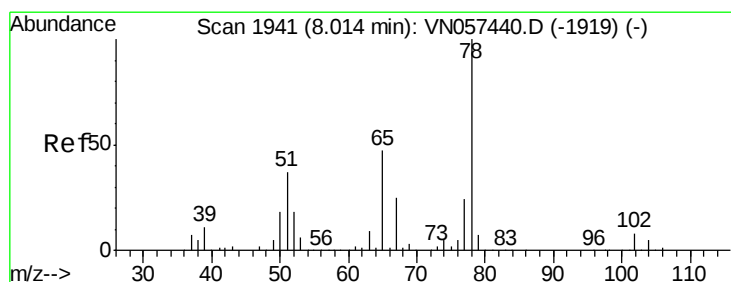
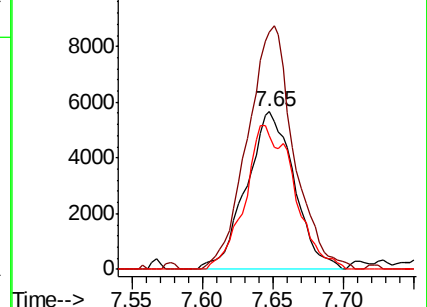
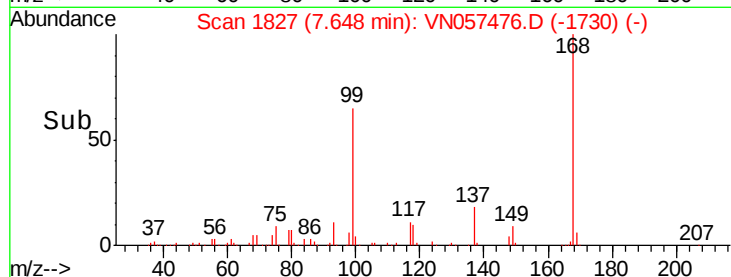
84 84.7 62.5 93.7



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: 46.122 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. -0.00 min

Lab File: VN057476.D

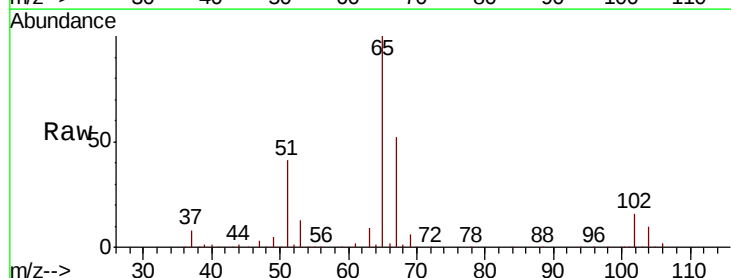
Acq: 23 Aug 2019 17:04

Tgt Ion: 65 Resp: 340379

Ion Ratio Lower Upper

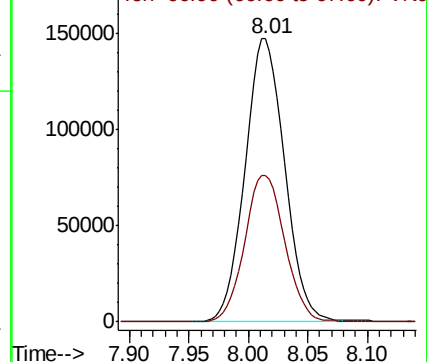
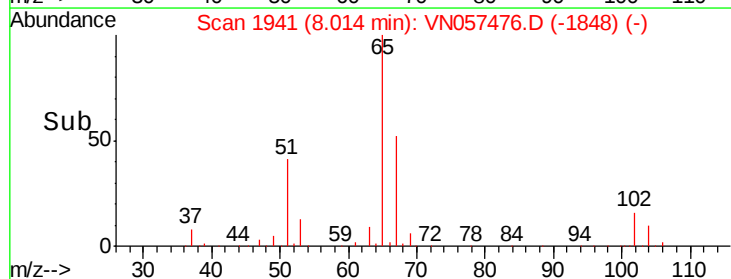
65 100

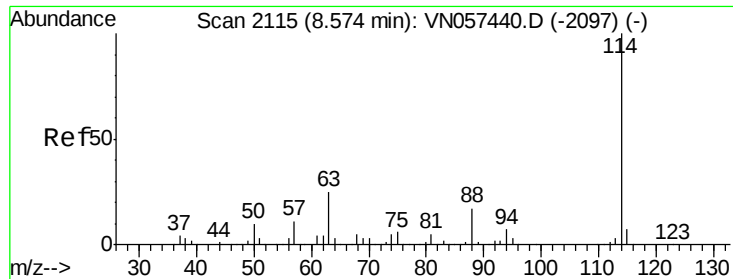
67 52.8 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

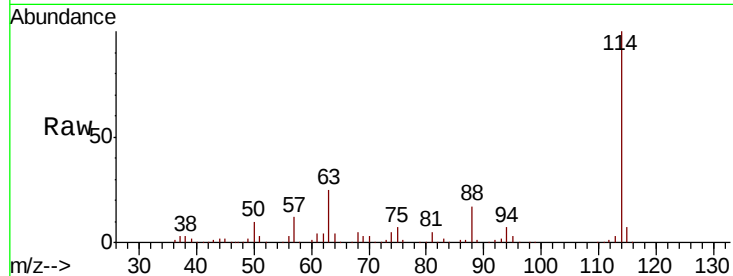




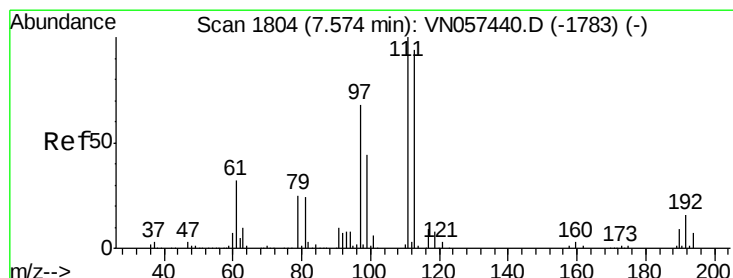
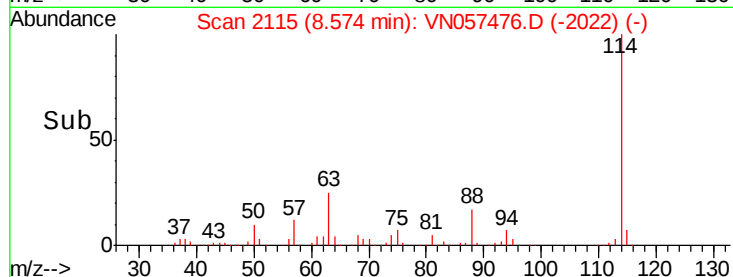
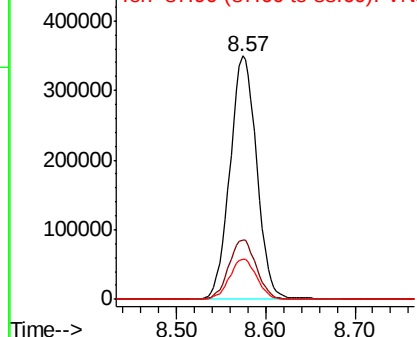
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN057476.D
 Acq: 23 Aug 2019 17:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824WBL01

Tgt Ion:114 Resp: 726348
 Ion Ratio Lower Upper
 114 100
 63 24.6 0.0 50.2
 88 16.6 0.0 34.6

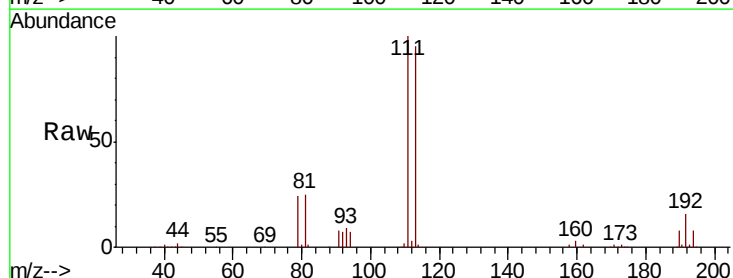


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

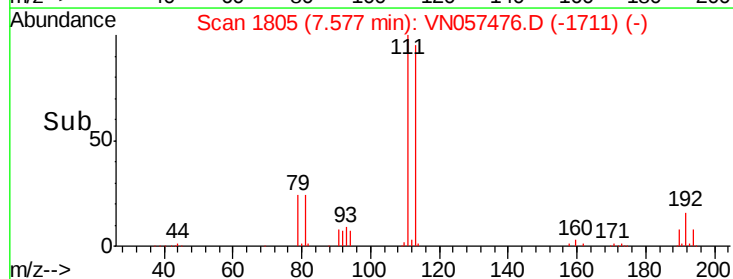
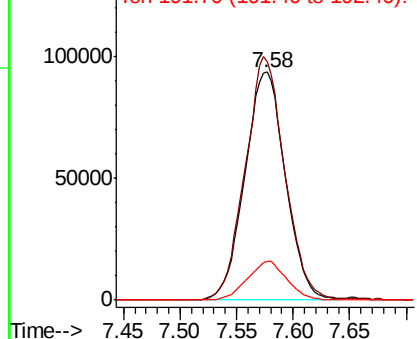


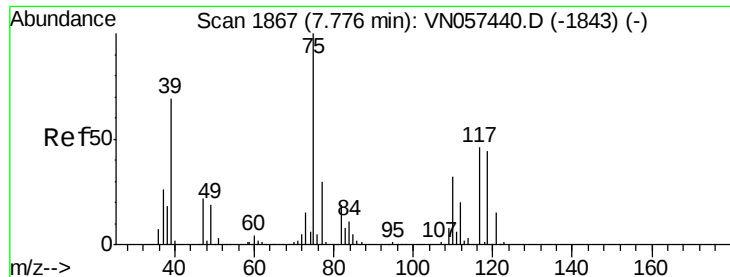
#35
 Dibromofluoromethane
 Concen: 47.540 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057476.D
 Acq: 23 Aug 2019 17:04

Tgt Ion:113 Resp: 233240
 Ion Ratio Lower Upper
 113 100
 111 104.0 83.8 125.6
 192 16.5 13.5 20.3



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

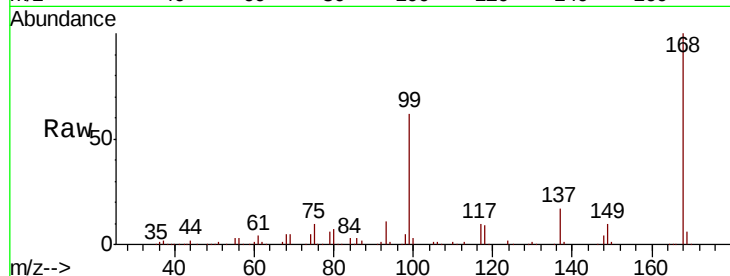




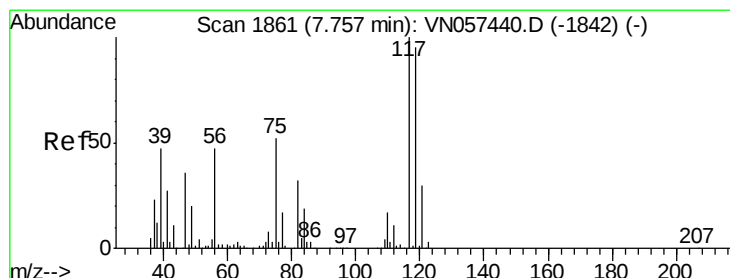
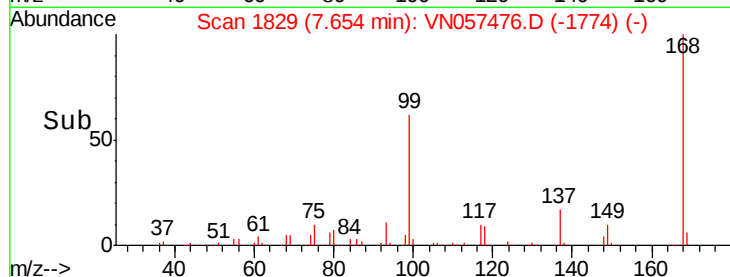
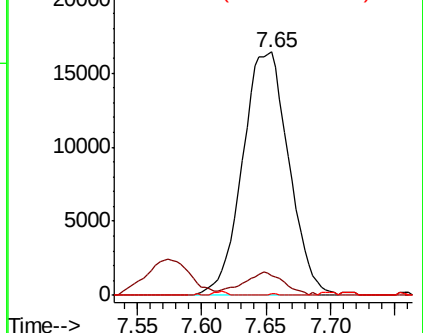
#36
 1,1-Dichloropropene
 Concen: 5.544 ug/l
 RT: 7.65 min Scan# 1829
 Delta R.T. -0.12 min
 Lab File: VN057476.D
 Acq: 23 Aug 2019 17:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824WBL01

Tgt Ion: 75 Resp: 41147
 Ion Ratio Lower Upper
 75 100
 110 8.5 16.1 48.3#
 77 0.1 24.8 37.2#

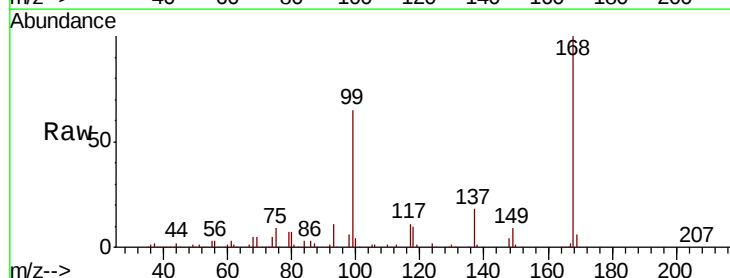


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

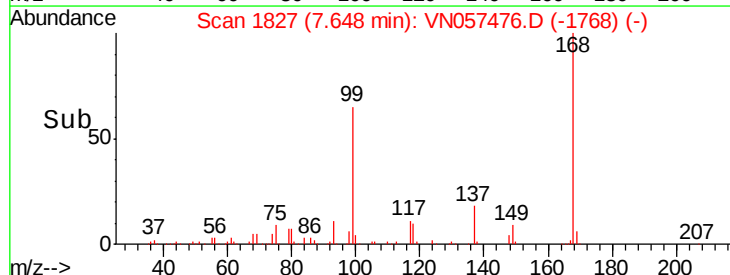
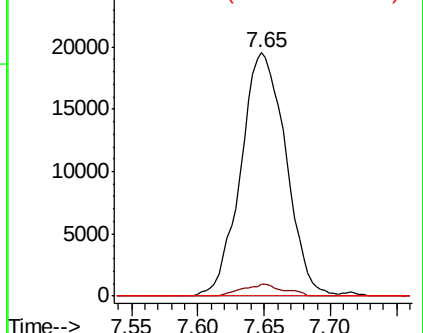


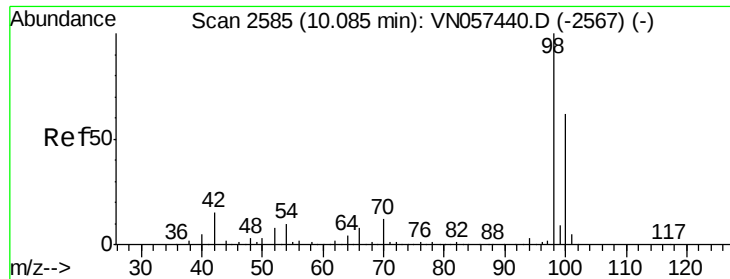
#38
 Carbon Tetrachloride
 Concen: 6.275 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.11 min
 Lab File: VN057476.D
 Acq: 23 Aug 2019 17:04

Tgt Ion: 117 Resp: 46269
 Ion Ratio Lower Upper
 117 100
 119 4.8 76.2 114.4#
 121 0.0 23.8 35.6#



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





#50

Toluene-d8

Concen: 48.525 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057476.D

Acq: 23 Aug 2019 17:04

Instrument :

MSVOA_N

ClientSampled :

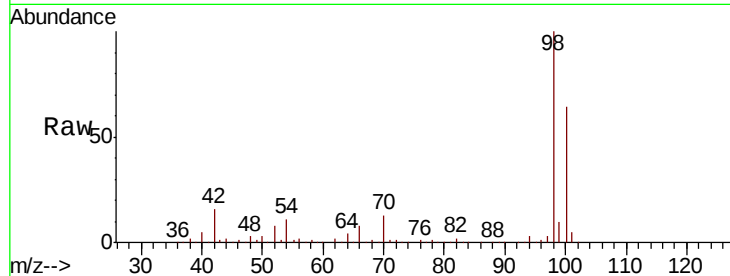
VN0824WBL01

Tgt Ion: 98 Resp: 900202

Ion Ratio Lower Upper

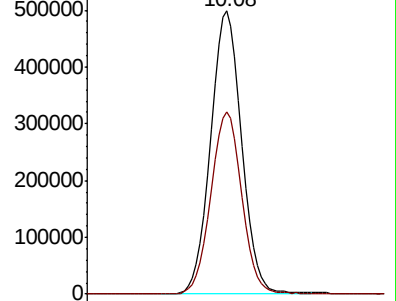
98 100

100 64.3 50.4 75.6

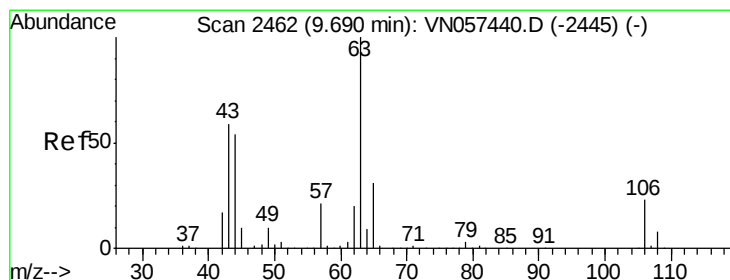
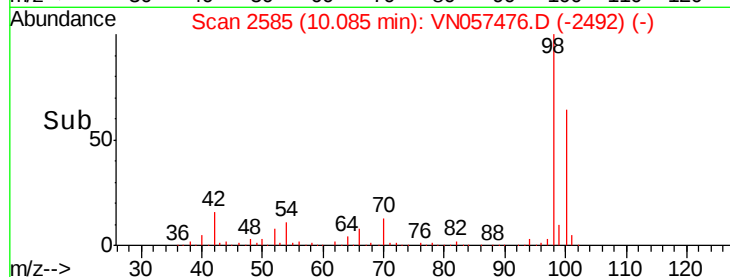


Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 17.077 ug/l

RT: 9.71 min Scan# 2467

Delta R.T. 0.02 min

Lab File: VN057476.D

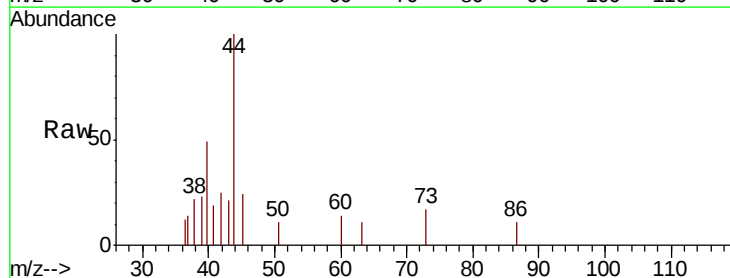
Acq: 23 Aug 2019 17:04

Tgt Ion: 63 Resp: 30

Ion Ratio Lower Upper

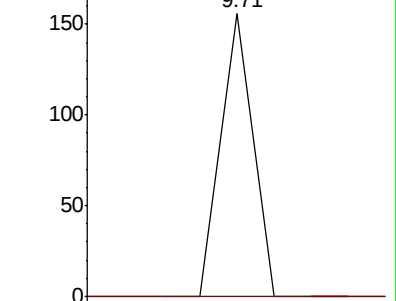
63 100

106 0.0 18.6 27.8#

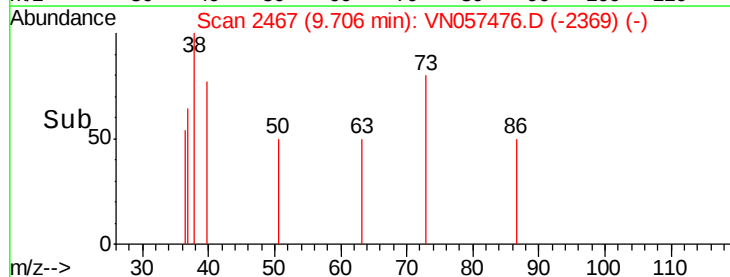


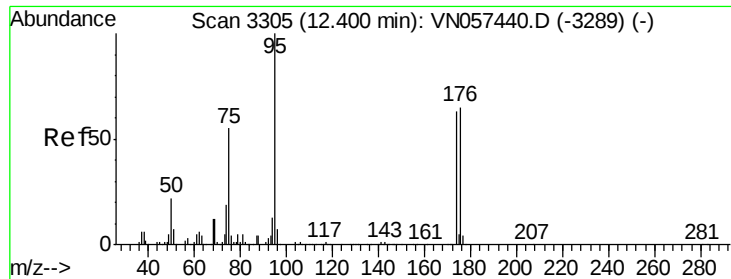
Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V



Time-->





#62

4-Bromofluorobenzene

Concen: 38.386 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057476.D

Acq: 23 Aug 2019 17:04

Instrument :

MSVOA_N

ClientSampleId :

VN0824WBL01

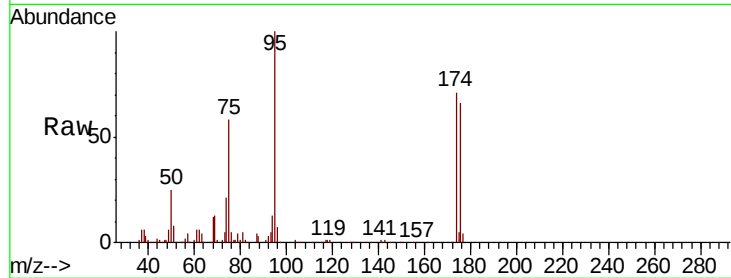
Tgt Ion: 95 Resp: 241323

Ion Ratio Lower Upper

95 100

174 68.3 0.0 133.0

176 66.1 0.0 130.8



Abundance Ion 94.90 (94.60 to 95.60): VN057440.D (-3289) (-)

Ion 173.80 (173.50 to 174.50): VN057440.D (-3289) (-)

Ion 175.80 (175.50 to 176.50): VN057440.D (-3289) (-)

12.40

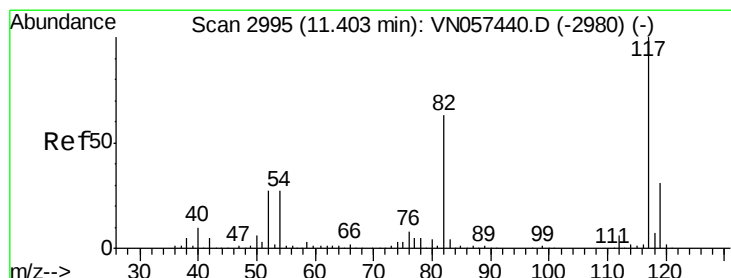
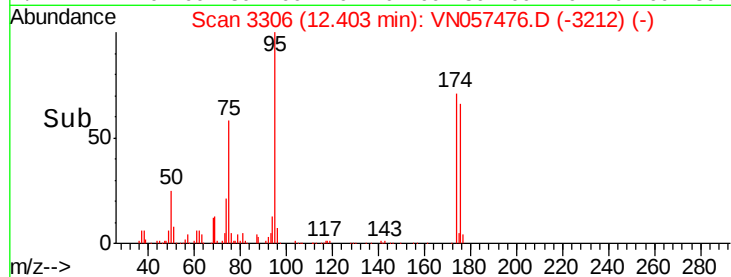
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN057476.D

Acq: 23 Aug 2019 17:04

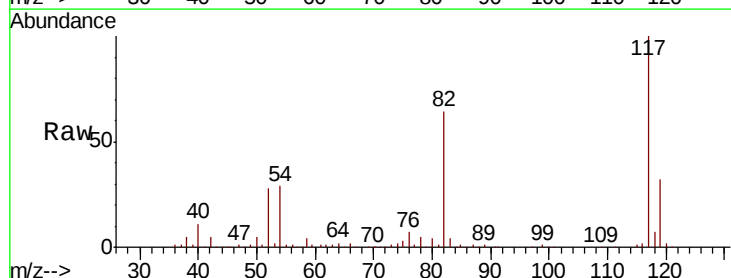
Tgt Ion: 117 Resp: 583014

Ion Ratio Lower Upper

117 100

82 63.8 50.6 75.8

119 32.5 24.6 36.8



Abundance Ion 116.90 (116.60 to 117.60): VN057440.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN057440.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN057440.D (-2980) (-)

11.40

400000

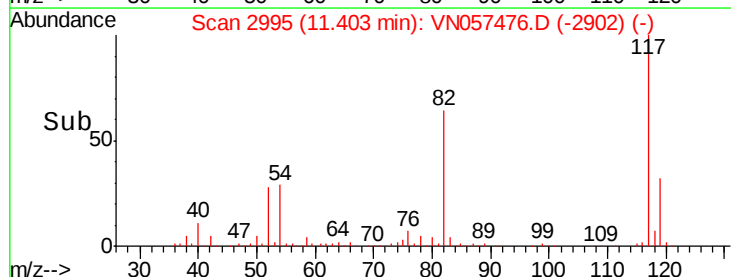
300000

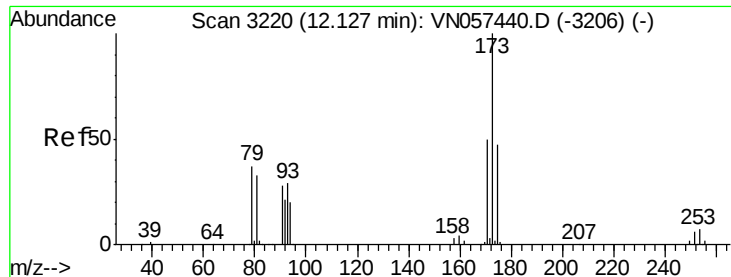
200000

100000

0

Time--> 11.30 11.40 11.50





#71

Bromoform

Concen: 0.288 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.27 min

Lab File: VN057476.D

Acq: 23 Aug 2019 17:04

Instrument :

MSVOA_N

ClientSampled :

VN0824WBL01

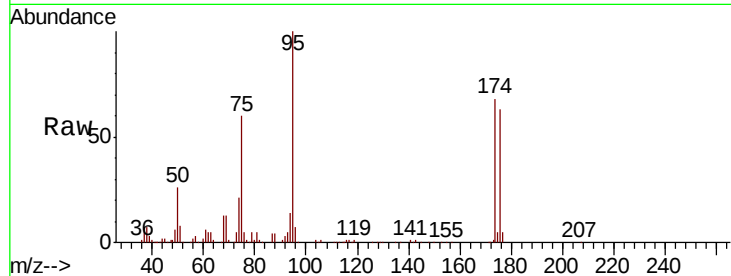
Tgt Ion:173 Resp: 879

Ion Ratio Lower Upper

173 100

175 1138.2 23.9 71.8#

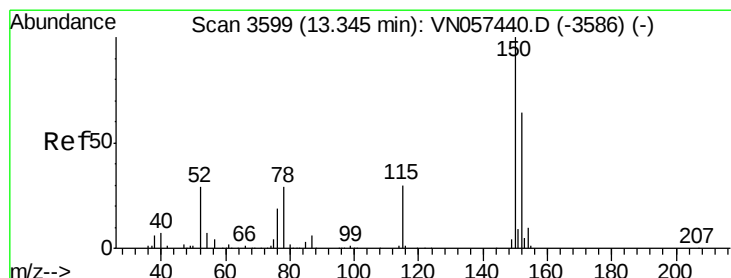
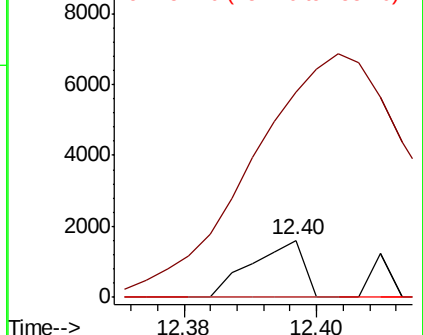
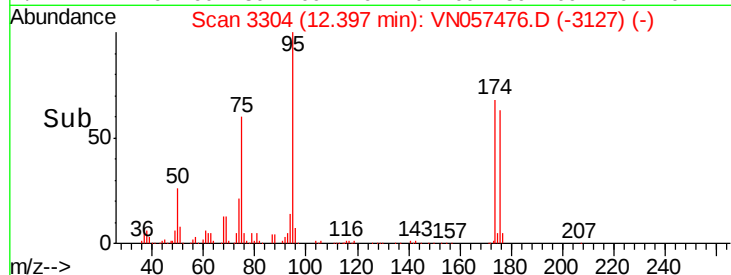
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057476.D

Acq: 23 Aug 2019 17:04

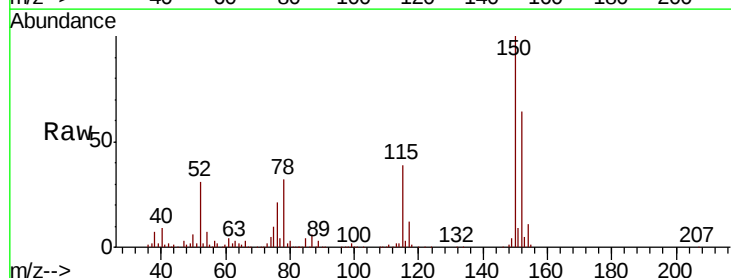
Tgt Ion:152 Resp: 149847

Ion Ratio Lower Upper

152 100

115 61.5 32.0 96.0

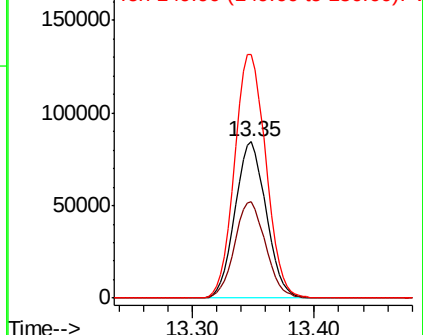
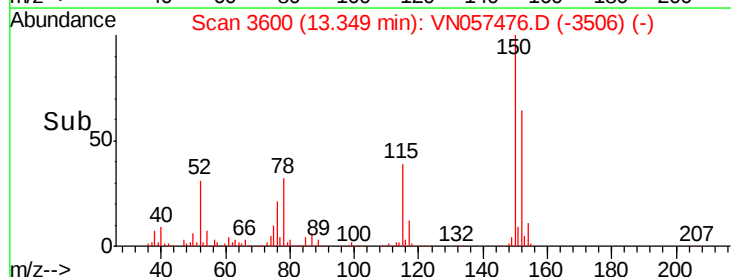
150 156.5 0.0 346.6

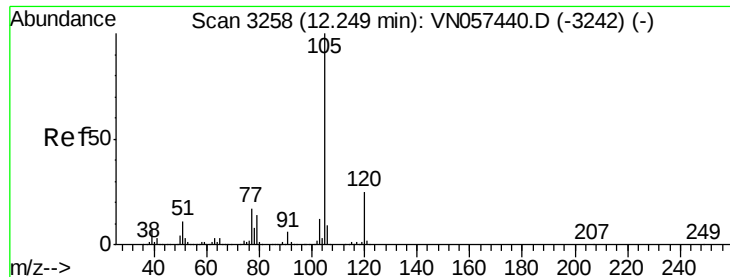


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN057476.D

Acq: 23 Aug 2019 17:04

Instrument :

MSVOA_N

ClientSampled :

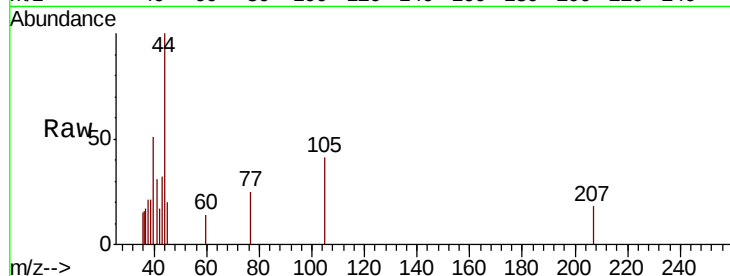
VN0824WBL01

Tgt Ion: 105 Resp: 842

Ion Ratio Lower Upper

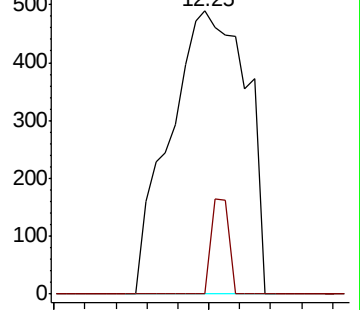
105 100

120 7.5 12.7 38.0#

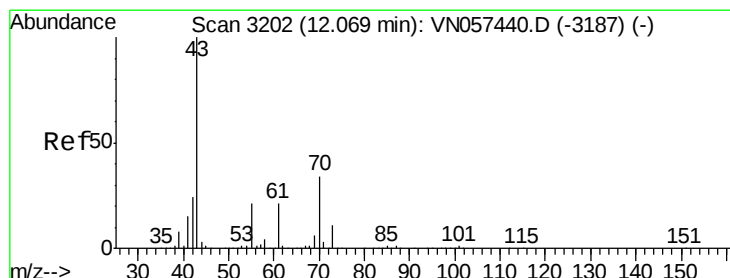
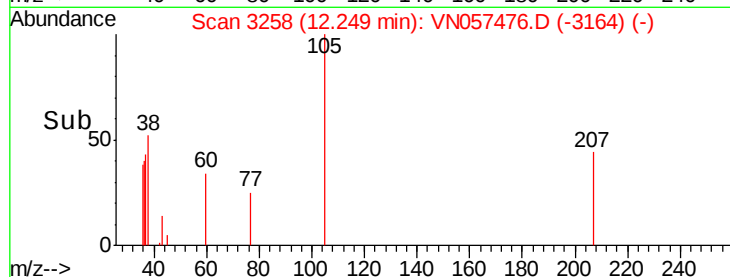


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time--> 12.20 12.25



#74

N-ethyl acetate

Concen: Below Cal

RT: 12.08 min Scan# 3204

Delta R.T. 0.01 min

Lab File: VN057476.D

Acq: 23 Aug 2019 17:04

Tgt Ion: 43 Resp: 742

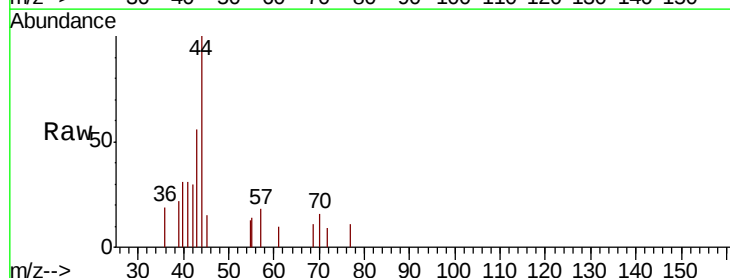
Ion Ratio Lower Upper

43 100

70 73.9 27.8 41.6#

55 33.7 17.0 25.4#

61 8.4 17.0 25.6#

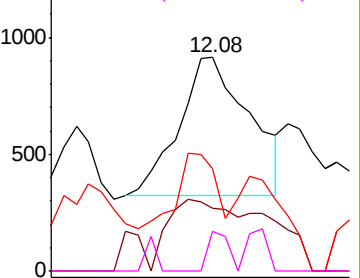


Abundance Ion 43.00 (42.70 to 43.70): V

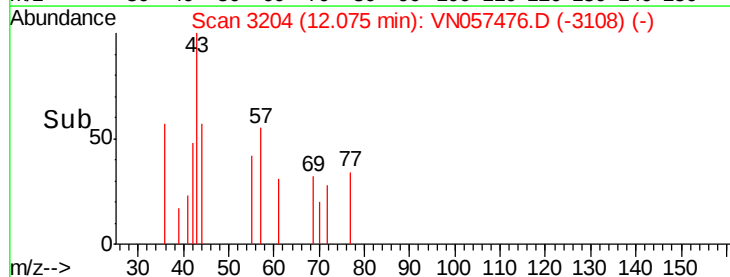
Ion 70.00 (69.70 to 70.70): V

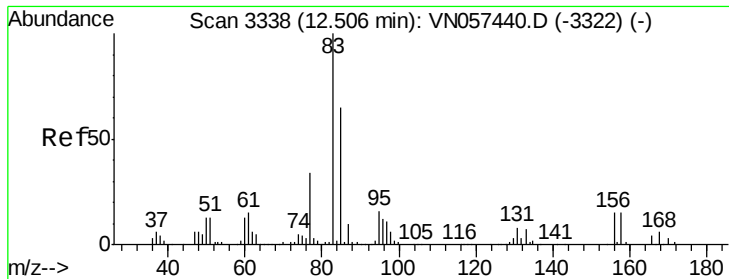
Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V



Time--> 12.04 12.06 12.08 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.52 min Scan# 3341

Delta R.T. 0.01 min

Lab File: VN057476.D

Acq: 23 Aug 2019 17:04

Instrument :

MSVOA_N

ClientSampled :

VN0824WBL01

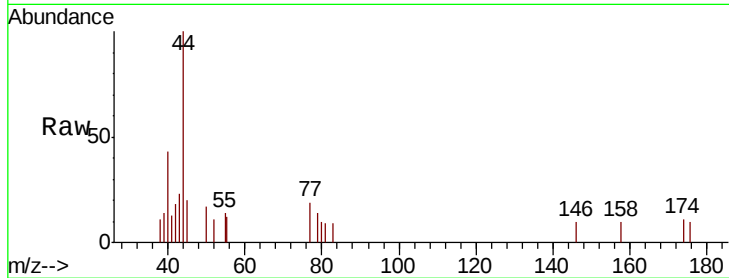
Tgt Ion: 83 Resp: 29

Ion Ratio Lower Upper

83 100

131 0.0 4.3 13.1#

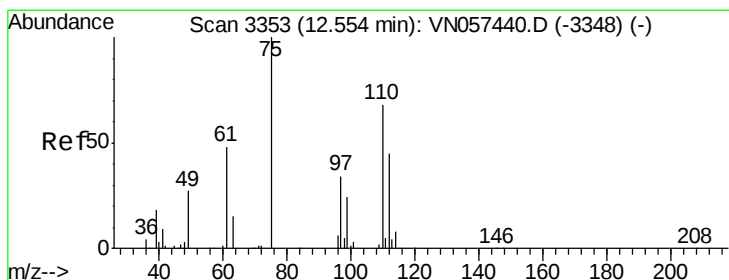
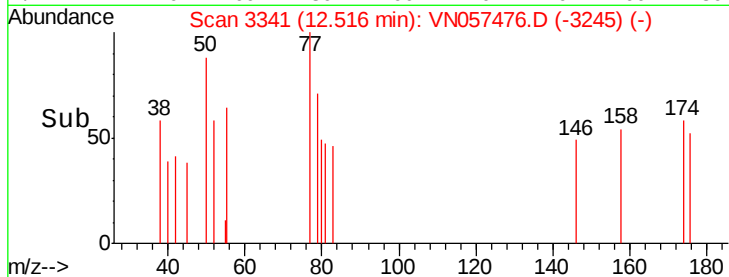
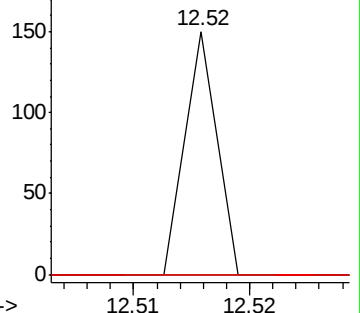
85 0.0 32.3 96.8#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 41.341 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN057476.D

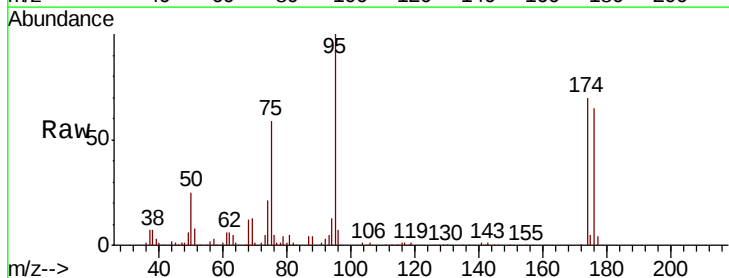
Acq: 23 Aug 2019 17:04

Tgt Ion: 75 Resp: 139264

Ion Ratio Lower Upper

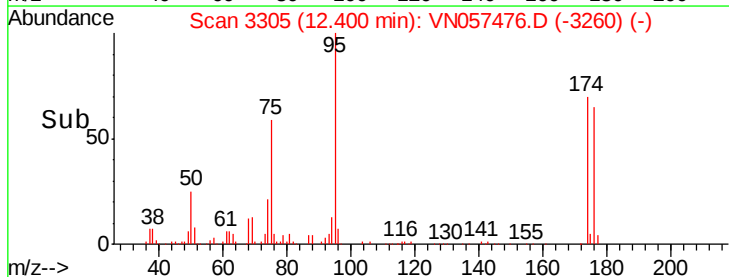
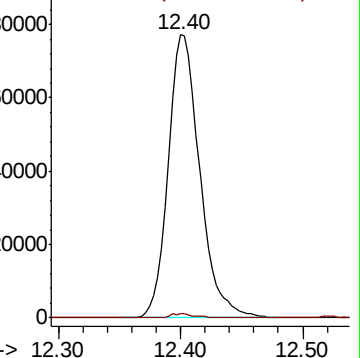
75 100

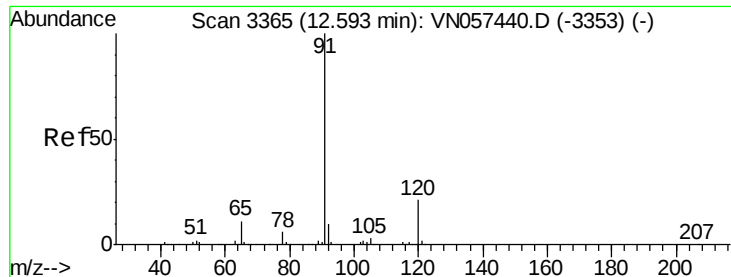
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

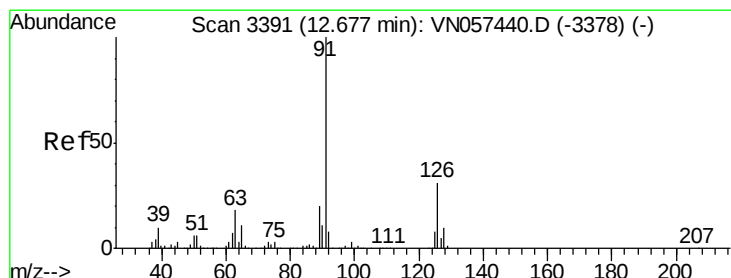
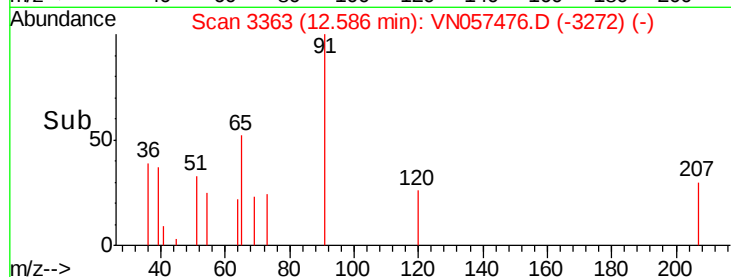
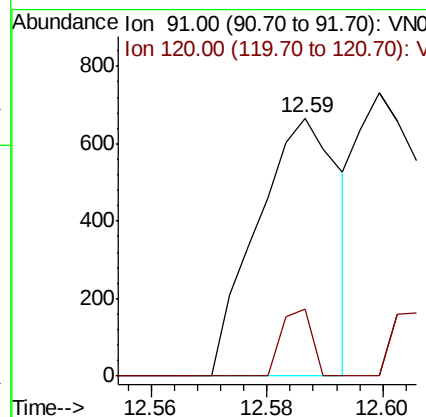
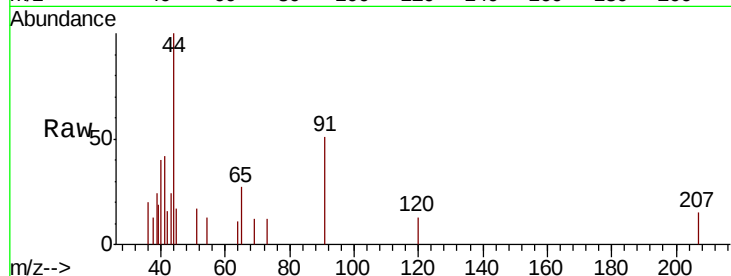




#78
n-propylbenzene
Concen: Below Cal
RT: 12.59 min Scan# 3363
Delta R.T. -0.01 min
Lab File: VN057476.D
Acq: 23 Aug 2019 17:04

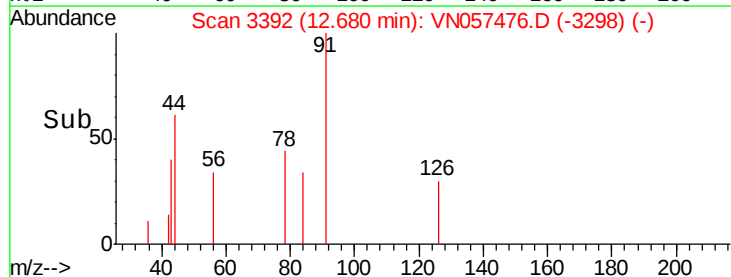
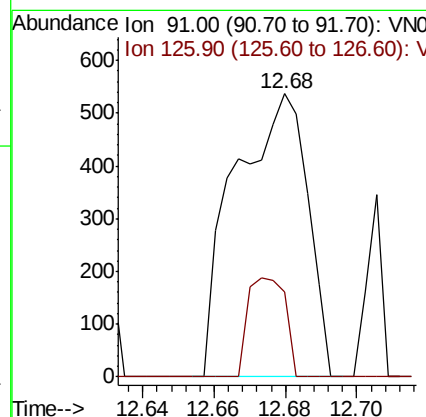
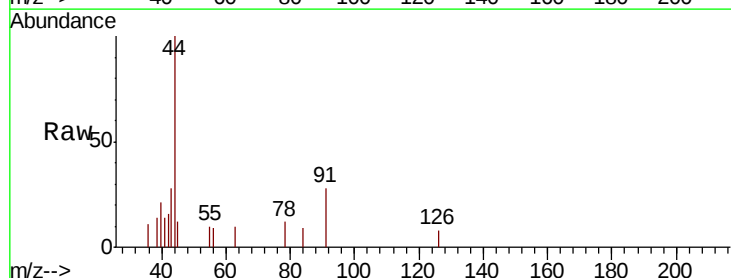
Instrument :
MSVOA_N
ClientSampled :
VN0824WBL01

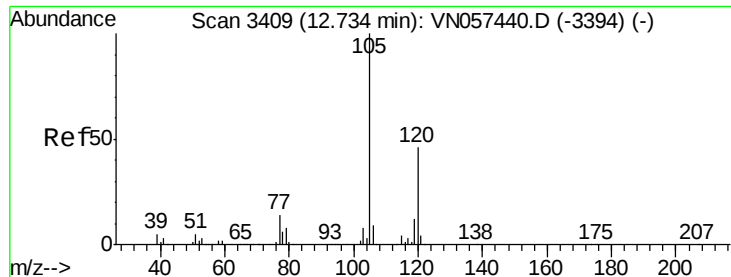
Tgt Ion: 91 Resp: 655
Ion Ratio Lower Upper
91 100
120 9.6 10.7 32.1#



#79
2-Chlorotoluene
Concen: Below Cal
RT: 12.68 min Scan# 3392
Delta R.T. 0.00 min
Lab File: VN057476.D
Acq: 23 Aug 2019 17:04

Tgt Ion: 91 Resp: 756
Ion Ratio Lower Upper
91 100
126 18.0 15.3 45.8

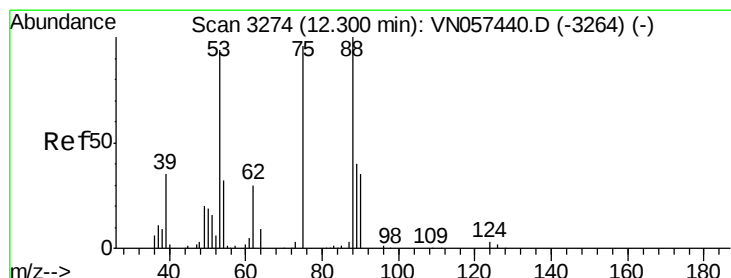
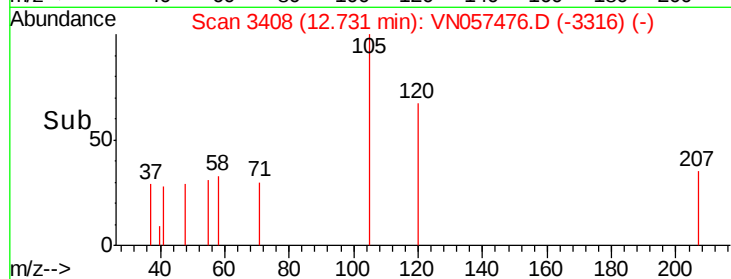
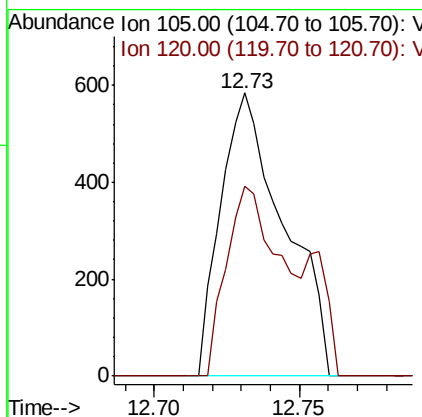
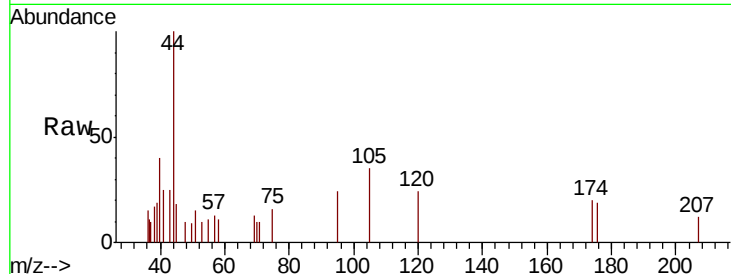




#80
 1,3,5-Trimethylbenzene
 Concen: Below Cal
 RT: 12.73 min Scan# 3408
 Delta R.T. -0.00 min
 Lab File: VN057476.D
 Acq: 23 Aug 2019 17:04

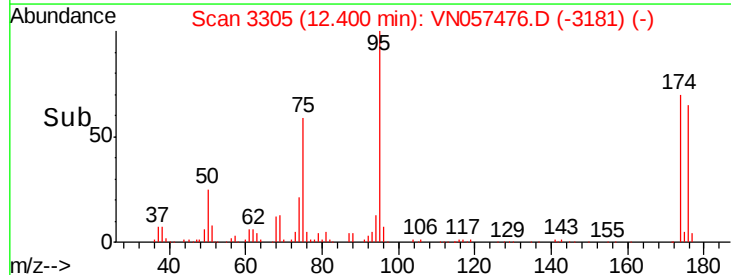
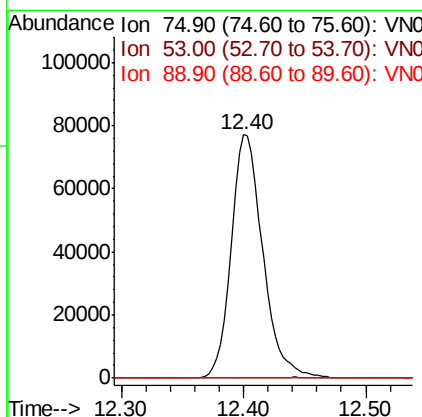
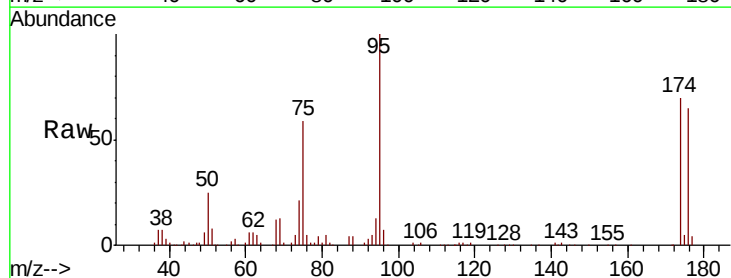
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824WBL01

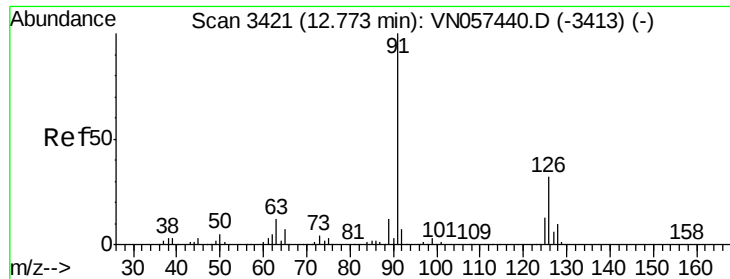
Tgt Ion: 105 Resp: 886
 Ion Ratio Lower Upper
 105 100
 120 58.1 23.3 69.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 106.502 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN057476.D
 Acq: 23 Aug 2019 17:04

Tgt Ion: 75 Resp: 139264
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.7 124.1#
 89 0.0 35.8 53.8#

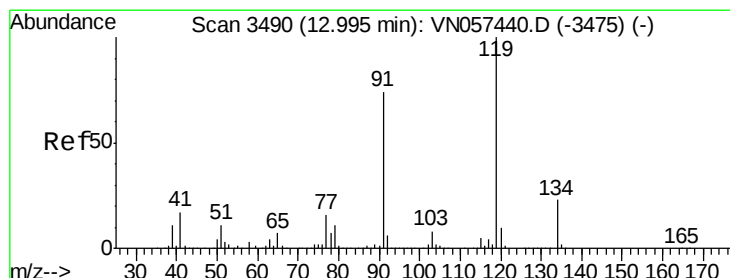
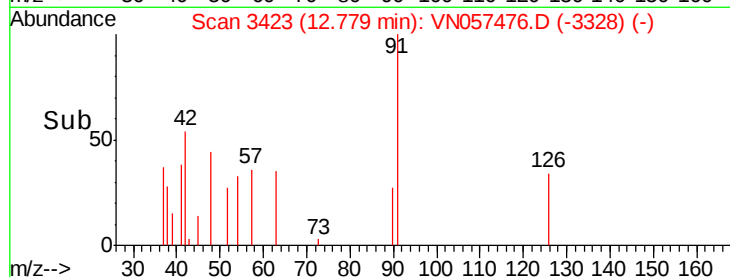
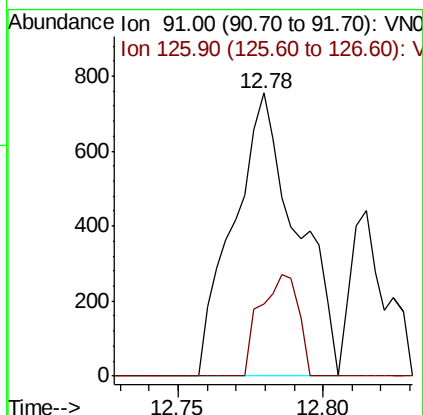
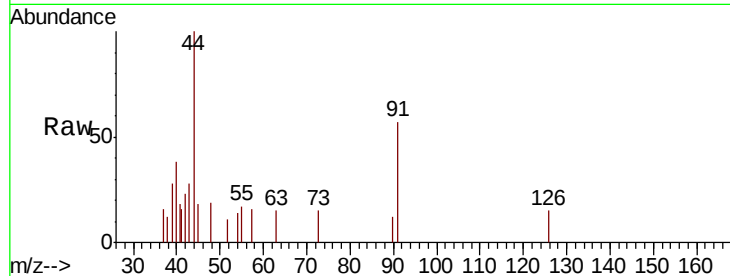




#82
4-Chlorotoluene
Concen: Below Cal
RT: 12.78 min Scan# 3423
Delta R.T. 0.01 min
Lab File: VN057476.D
Acq: 23 Aug 2019 17:04

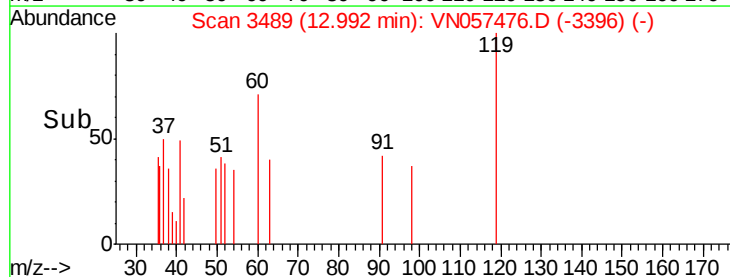
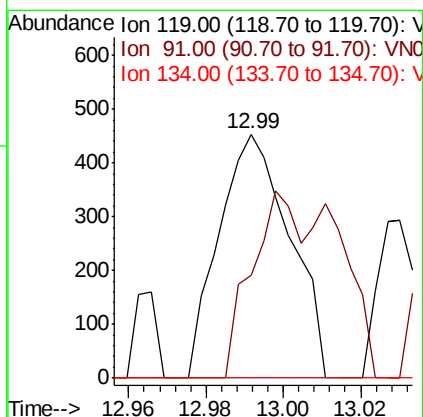
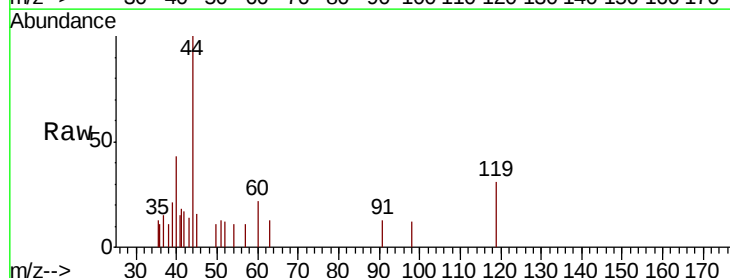
Instrument :
MSVOA_N
ClientSampleId :
VN0824WBL01

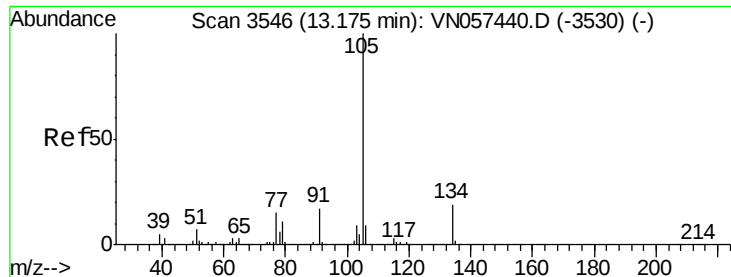
Tgt Ion: 91 Resp: 1148
Ion Ratio Lower Upper
91 100
126 21.5 15.0 45.0



#83
tert-Butylbenzene
Concen: Below Cal
RT: 12.99 min Scan# 3489
Delta R.T. -0.00 min
Lab File: VN057476.D
Acq: 23 Aug 2019 17:04

Tgt Ion: 119 Resp: 574
Ion Ratio Lower Upper
119 100
91 51.7 37.0 111.0
134 0.0 12.2 36.6#





#85

sec-Butylbenzene

Concen: Below Cal

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN057476.D

Acq: 23 Aug 2019 17:04

Instrument :

MSVOA_N

ClientSampleId :

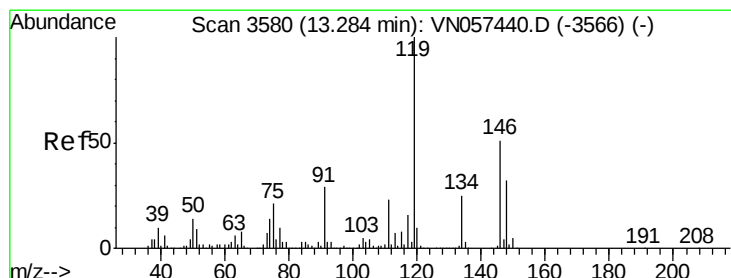
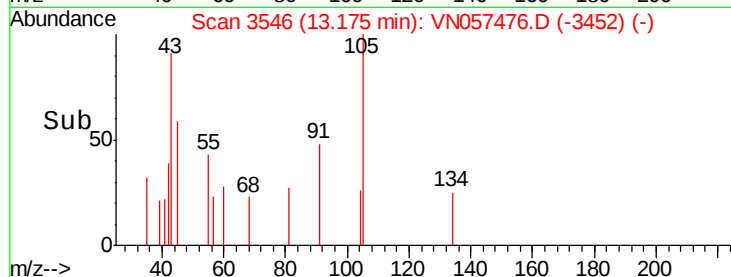
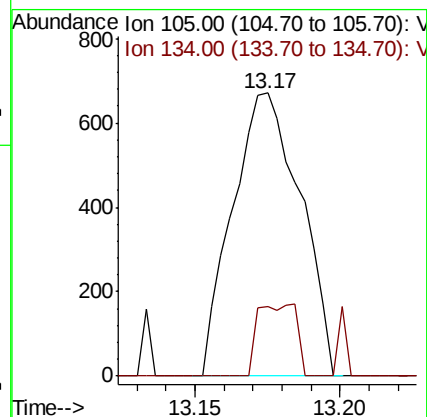
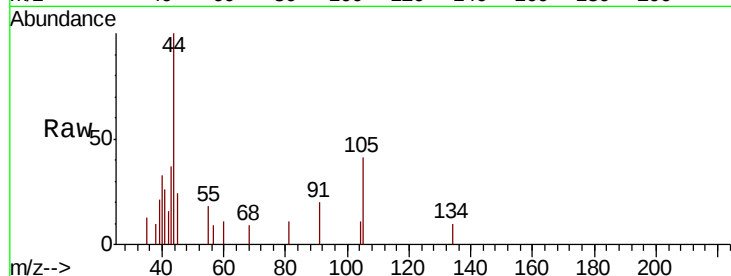
VN0824WBL01

Tgt Ion:105 Resp: 1091

Ion Ratio Lower Upper

105 100

134 14.5 9.3 27.9



#87

1,3-Dichlorobenzene

Concen: 0.259 ug/l

RT: 13.29 min Scan# 3583

Delta R.T. 0.01 min

Lab File: VN057476.D

Acq: 23 Aug 2019 17:04

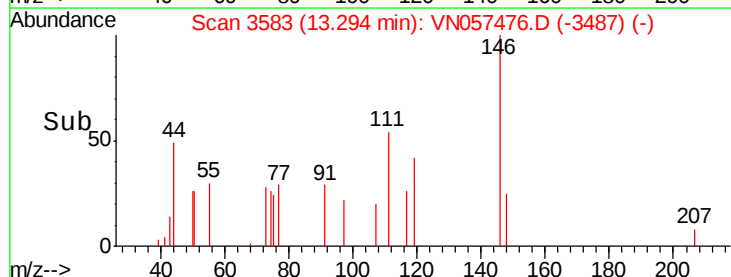
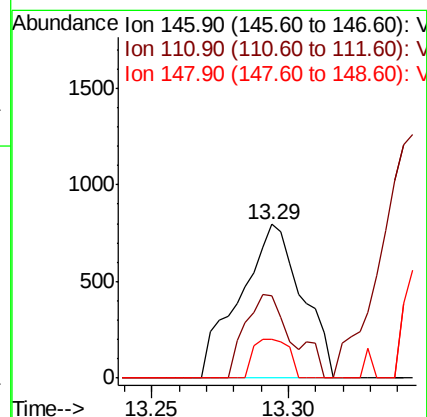
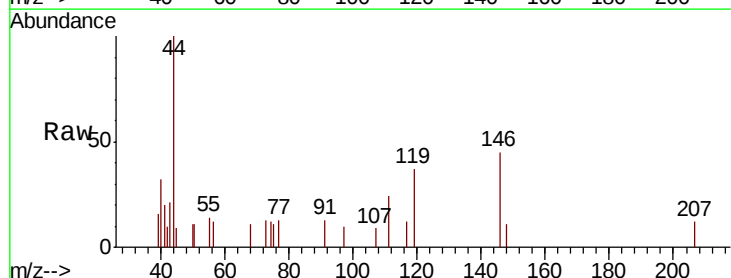
Tgt Ion:146 Resp: 1253

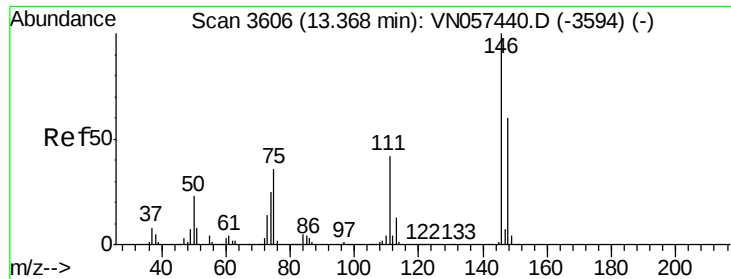
Ion Ratio Lower Upper

146 100

111 41.7 22.1 66.1

148 14.1 31.9 95.9#

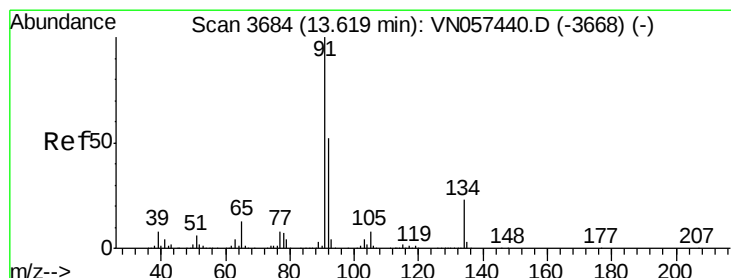
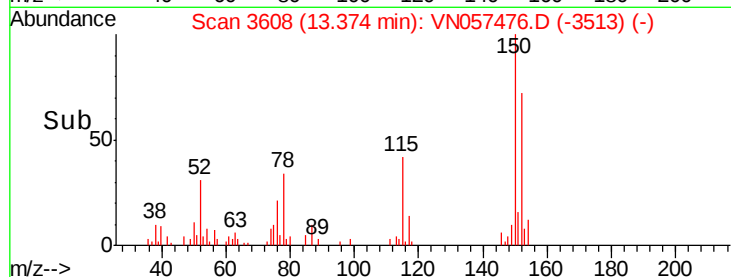
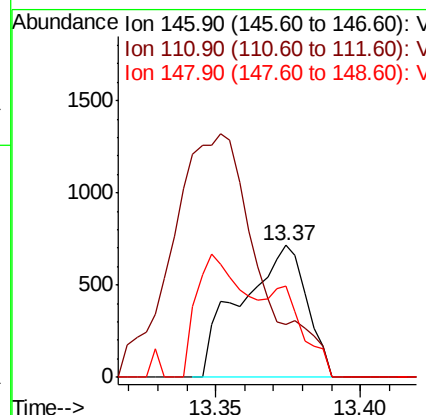
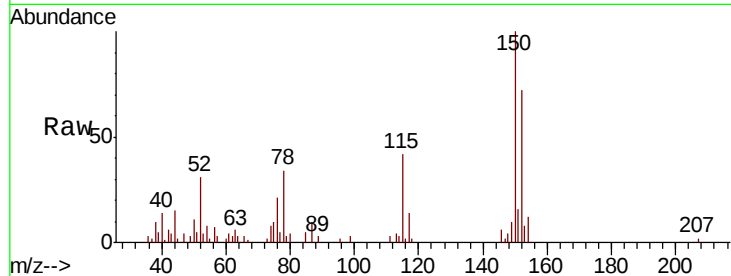




#88
 1,4-Dichlorobenzene
 Concen: 0.239 ug/l
 RT: 13.37 min Scan# 3608
 Delta R.T. 0.01 min
 Lab File: VN057476.D
 Acq: 23 Aug 2019 17:04

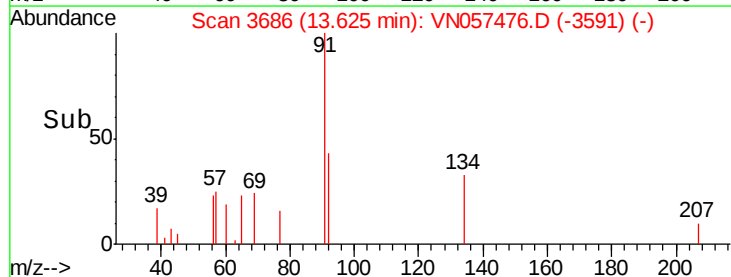
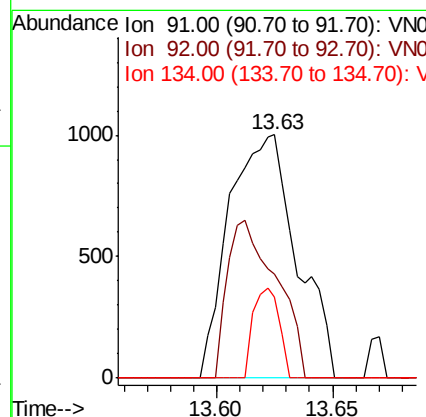
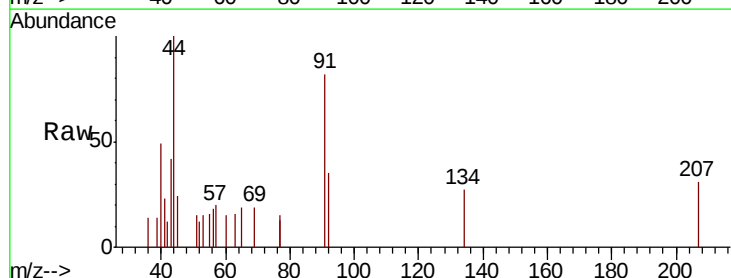
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824WBL01

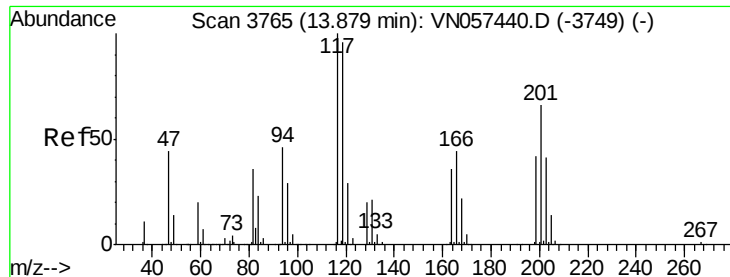
Tgt Ion: 146 Resp: 1132
 Ion Ratio Lower Upper
 146 100
 111 0.0 21.9 65.5#
 148 0.0 31.1 93.2#



#89
 n-Butylbenzene
 Concen: 0.205 ug/l
 RT: 13.63 min Scan# 3686
 Delta R.T. 0.01 min
 Lab File: VN057476.D
 Acq: 23 Aug 2019 17:04

Tgt Ion: 91 Resp: 2035
 Ion Ratio Lower Upper
 91 100
 92 46.6 25.7 77.0
 134 14.3 11.4 34.1





#90

Hexachloroethane

Concen: Below Cal

RT: 13.87 min Scan# 3761

Delta R.T. -0.01 min

Lab File: VN057476.D

Acq: 23 Aug 2019 17:04

Instrument :

MSVOA_N

ClientSampled :

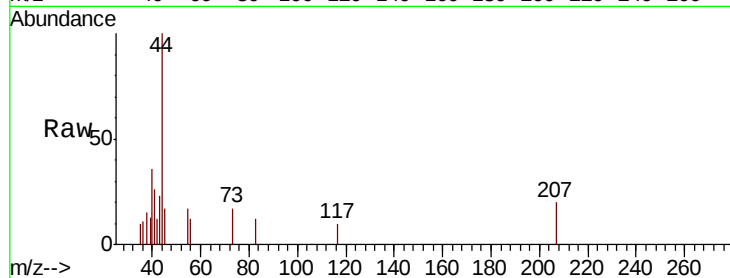
VN0824WBL01

Tgt Ion: 117 Resp: 33

Ion Ratio Lower Upper

117 100

201 0.0 33.1 99.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

13.87

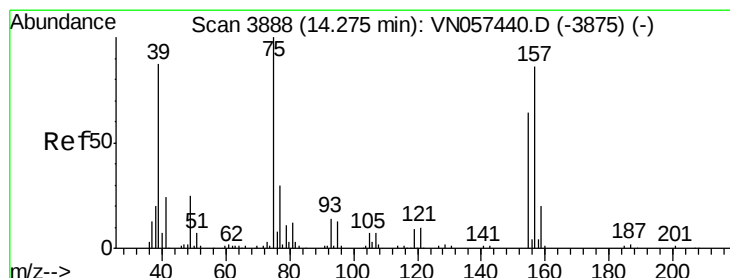
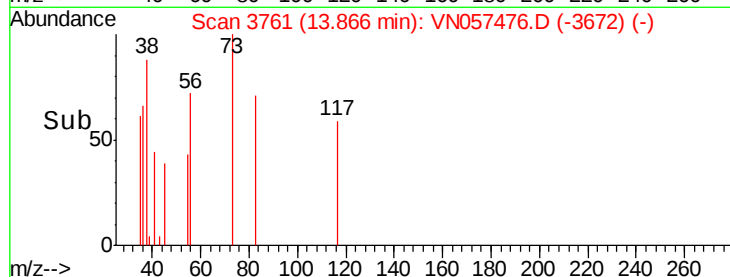
150

100

50

0

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.25 min Scan# 3880

Delta R.T. -0.03 min

Lab File: VN057476.D

Acq: 23 Aug 2019 17:04

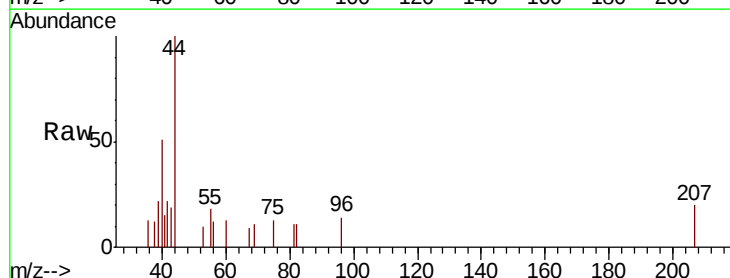
Tgt Ion: 75 Resp: 72

Ion Ratio Lower Upper

75 100

155 0.0 31.6 94.7#

157 0.0 43.3 129.8#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

14.25

250

200

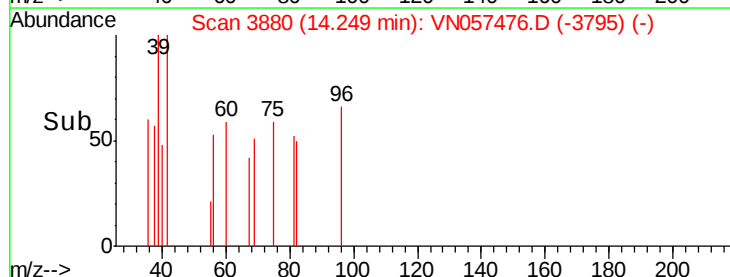
150

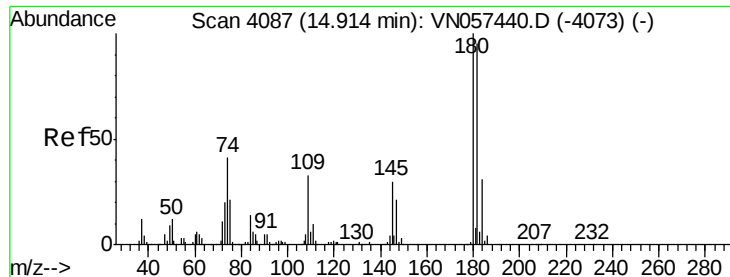
100

50

0

Time-->

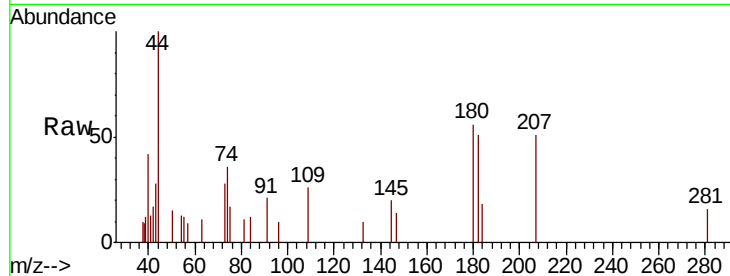




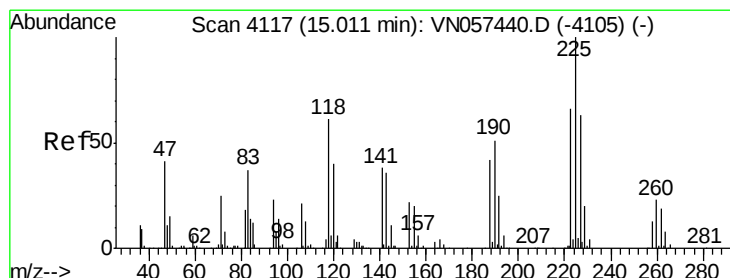
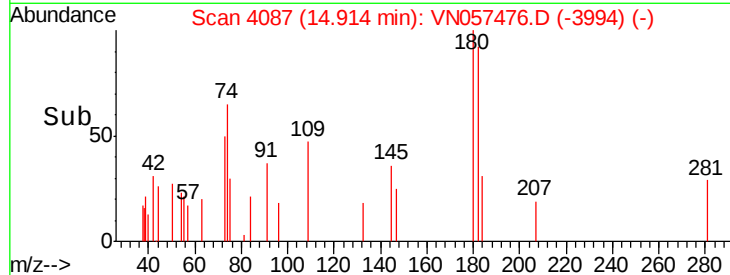
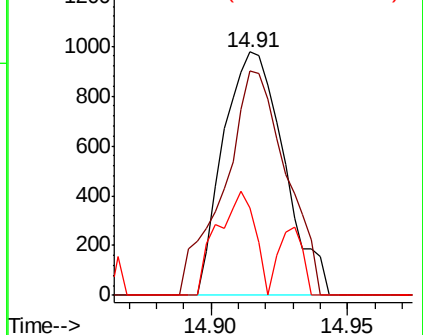
#93
 1,2,4-Trichlorobenzene
 Concen: 6.092 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN057476.D
 Acq: 23 Aug 2019 17:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824WBL01

Tgt Ion:180 Resp: 1508
 Ion Ratio Lower Upper
 180 100
 182 94.2 46.7 140.1
 145 26.7 15.6 46.8

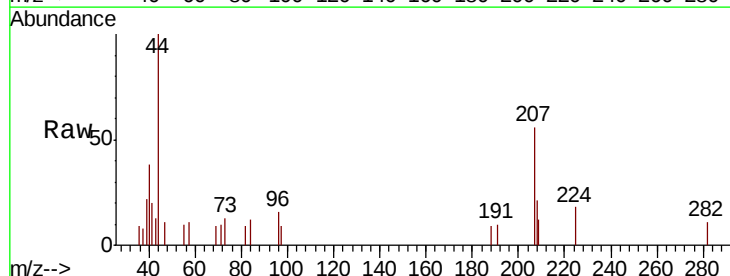


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

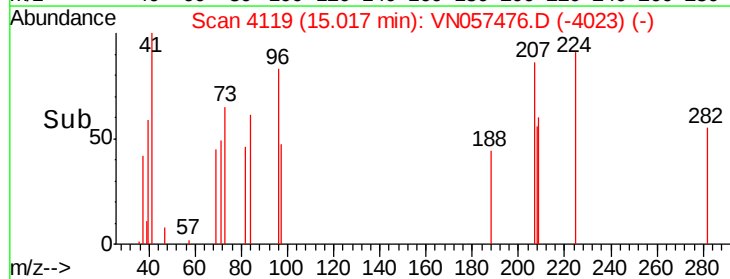
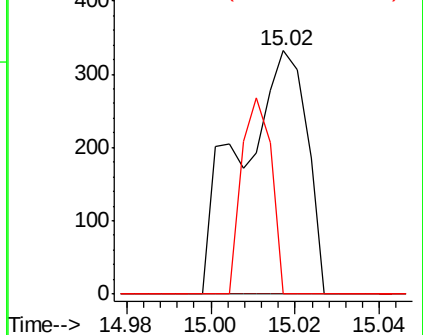


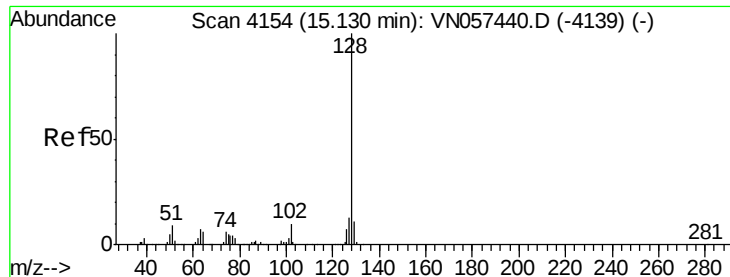
#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.02 min Scan# 4119
 Delta R.T. 0.01 min
 Lab File: VN057476.D
 Acq: 23 Aug 2019 17:04

Tgt Ion:225 Resp: 361
 Ion Ratio Lower Upper
 225 100
 223 0.0 32.0 96.2#
 227 36.3 31.5 94.5



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

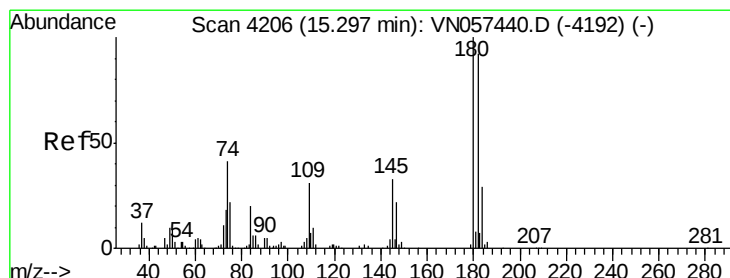
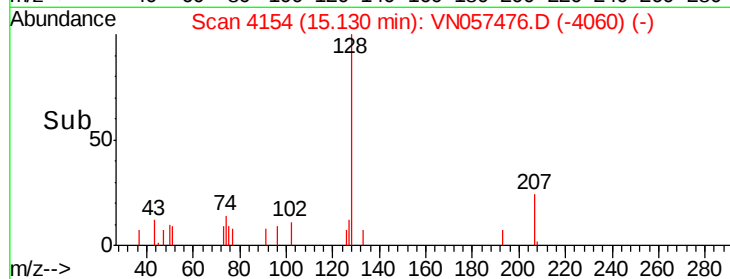
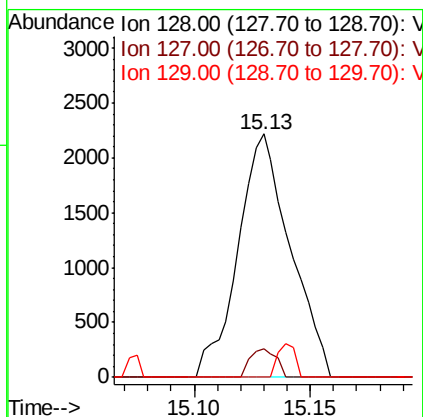
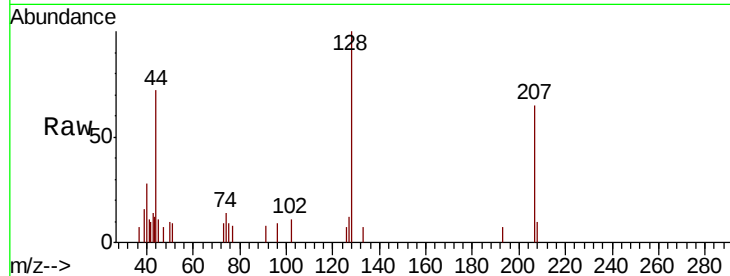




#95
Naphthalene
Concen: 4.871 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN057476.D
Acq: 23 Aug 2019 17:04

Instrument :
MSVOA_N
ClientSampleId :
VN0824WBL01

Tgt Ion:128 Resp: 3472
Ion Ratio Lower Upper
128 100
127 5.8 10.5 15.7#
129 4.5 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 5.744 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. 0.00 min
Lab File: VN057476.D
Acq: 23 Aug 2019 17:04

Tgt Ion:180 Resp: 1308
Ion Ratio Lower Upper
180 100
182 122.6 46.7 140.1
145 33.7 16.8 50.3

