

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082219\
 Data File : VN057444.D
 Acq On : 22 Aug 2019 20:25
 Operator : JC/SP
 Sample : VN0822WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0822WBL01

Quant Time: Aug 23 05:12:38 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	463367	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	816596	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	666157	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	169375	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	385034	47.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.48%	
35) Dibromofluoromethane	7.57	113	263786	47.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.64%	
50) Toluene-d8	10.09	98	1016240	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	
62) 4-Bromofluorobenzene	12.40	95	283042	40.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.10%	

Target Compounds

					Qvalue	
3) Chloromethane	2.05	50	2352	0.301	ug/l	93
5) Bromomethane	2.56	94	6359	1.086	ug/l	82
8) Diethyl Ether	3.16	74	419	Below Cal		57
9) 1,1,2-Trichlorotrifluoroet	3.72	101	497	Below Cal	#	39
10) Methyl Iodide	3.94	142	1408	0.234	ug/l #	64
17) Carbon Disulfide	4.02	76	5822	0.387	ug/l #	78
20) Methylene Chloride	4.54	84	69	Below Cal	#	23
29) Tetrahydrofuran	7.19	42	609	0.227	ug/l #	47
31) Cyclohexane	7.65	56	15589	1.361	ug/l #	8
36) 1,1-Dichloropropene	7.65	75	45612	5.466	ug/l #	52
38) Carbon Tetrachloride	7.65	117	49842	6.013	ug/l #	16
46) Dibromomethane	9.20	93	164	Below Cal	#	23
49) 1,4-Dioxane	9.19	88	61	0.656	ug/l #	52
58) 2-Chloroethyl Vinyl ether	9.70	63	379	17.203	ug/l #	52
59) 2-Hexanone	10.76	43	2880	0.498	ug/l	97
71) Bromoform	12.40	173	1914	0.548	ug/l #	1
73) Isopropylbenzene	12.28	105	165	Below Cal		78
74) N-amyl acetate	12.07	43	1879	Below Cal	#	79
75) 1,1,2,2-Tetrachloroethane	12.50	83	96	Below Cal	#	43
76) 1,2,3-Trichloropropane	12.40	75	163049	42.966	ug/l #	100
77) Bromobenzene	12.53	156	229	Below Cal	#	1
78) n-propylbenzene	12.60	91	3624	Below Cal		87
79) 2-Chlorotoluene	12.68	91	1926	Below Cal	#	71
80) 1,3,5-Trimethylbenzene	12.73	105	2347	Below Cal		77
81) trans-1,4-Dichloro-2-buten	12.40	75	163049	110.431	ug/l #	9
82) 4-Chlorotoluene	12.78	91	3348	Below Cal	#	63
83) tert-Butylbenzene	12.99	119	1141	Below Cal	#	37
84) 1,2,4-Trimethylbenzene	13.04	105	2638	0.200	ug/l	86
85) sec-Butylbenzene	13.18	105	2869	Below Cal		85
86) p-Isopropyltoluene	13.30	119	3326	0.251	ug/l	94
88) 1,4-Dichlorobenzene	13.37	146	2667	0.498	ug/l #	15
89) n-Butylbenzene	13.62	91	5180	0.462	ug/l	93
90) Hexachloroethane	13.89	117	63	Below Cal	#	17
91) 1,2-Dichlorobenzene	13.67	146	2198	0.421	ug/l #	65

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

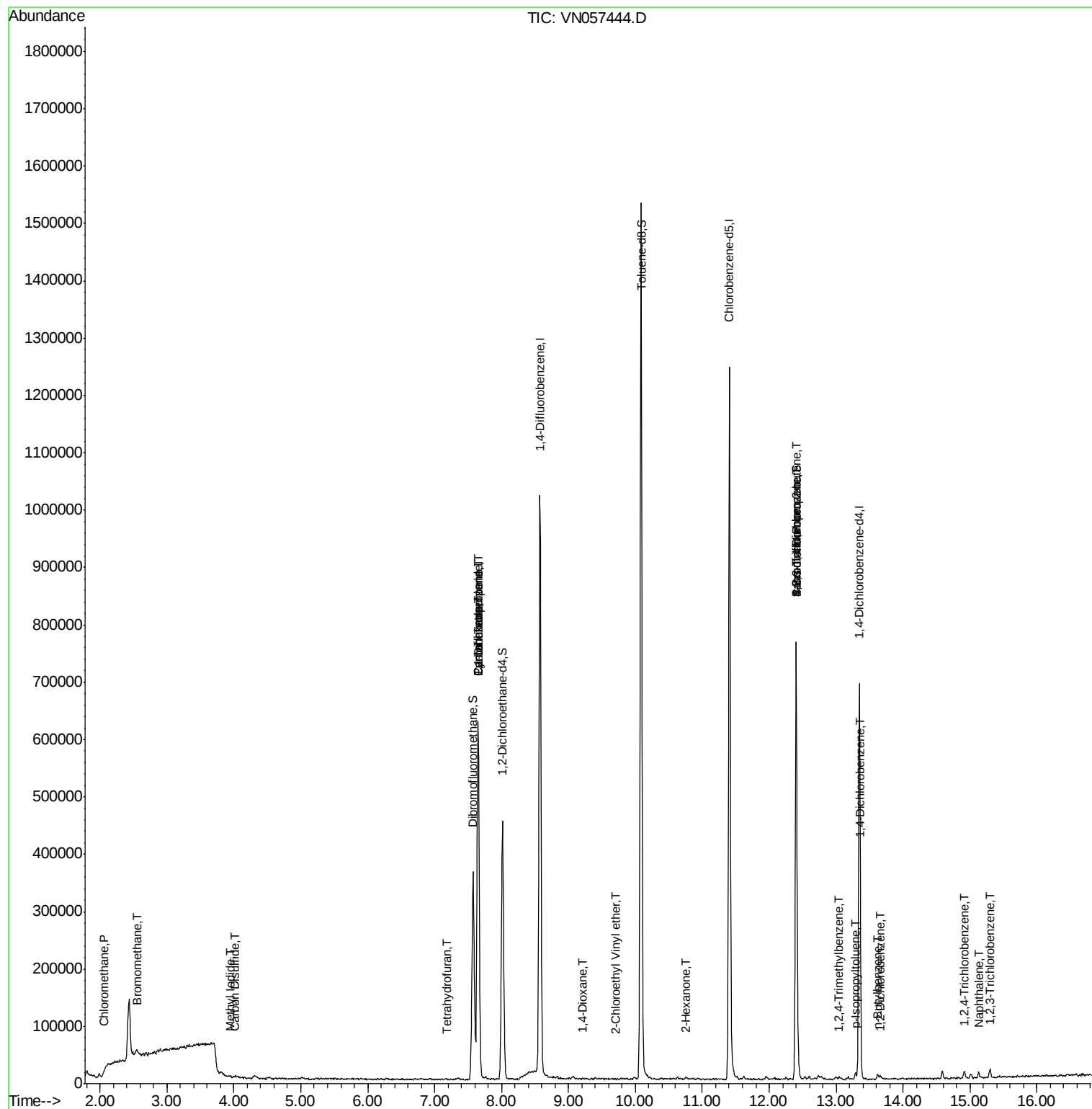
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	14.20	75	30	Below Cal	#	11
93) 1,2,4-Trichlorobenzene	14.92	180	2939	6.613 ug/l	#	74
94) Hexachlorobutadiene	15.01	225	995	Below Cal		76
95) Naphthalene	15.13	128	6939	5.280 ug/l	#	92
96) 1,2,3-Trichlorobenzene	15.30	180	3618	6.653 ug/l		90

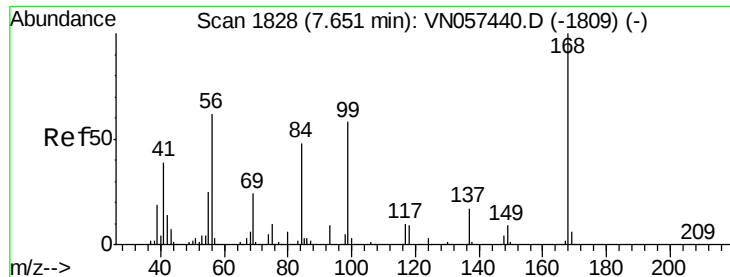
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN082219\
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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: VN057444.D

Acq: 22 Aug 2019 20:25

Instrument :

MSVOA_N

ClientSampleId :

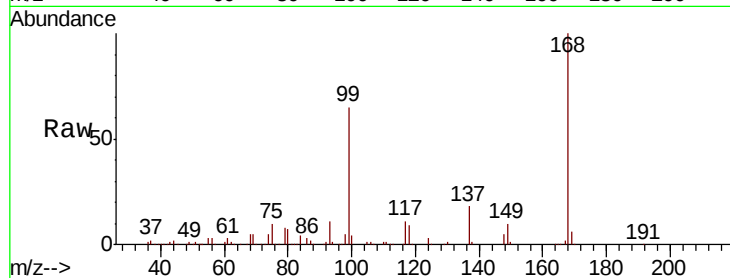
VN0822WBL01

Tgt Ion:168 Resp: 463367

Ion Ratio Lower Upper

168 100

99 64.8 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

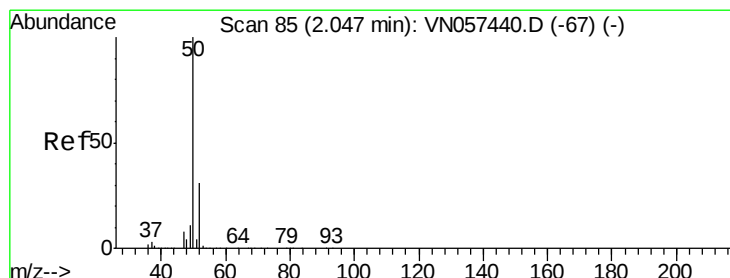
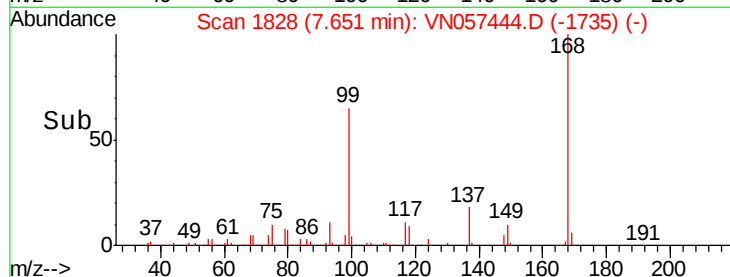
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.301 ug/l

RT: 2.05 min Scan# 86

Delta R.T. 0.00 min

Lab File: VN057444.D

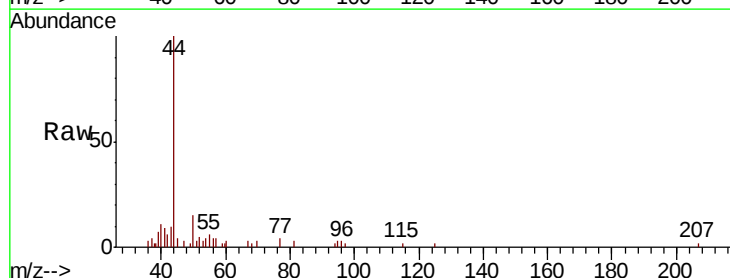
Acq: 22 Aug 2019 20:25

Tgt Ion: 50 Resp: 2352

Ion Ratio Lower Upper

50 100

52 35.2 25.1 37.7



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

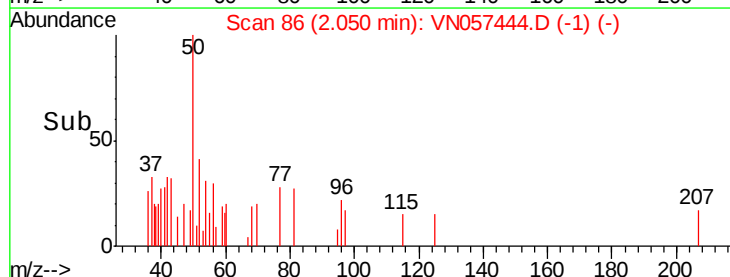
2.05

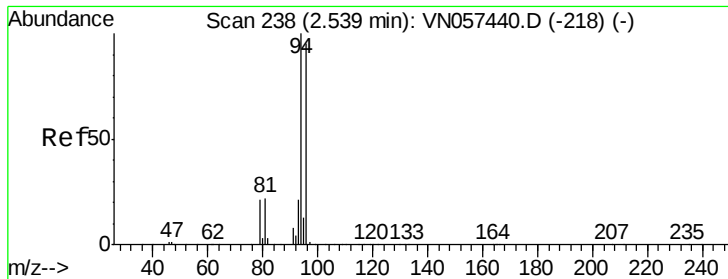
1000

500

0

Time-->





#5

Bromomethane

Concen: 1.086 ug/l

RT: 2.56 min Scan# 244

Delta R.T. 0.02 min

Lab File: VN057444.D

Acq: 22 Aug 2019 20:25

Instrument :

MSVOA_N

ClientSampleId :

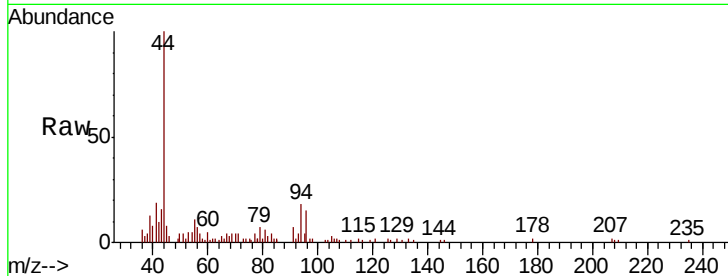
VN0822WBL01

Tgt Ion: 94 Resp: 6359

Ion Ratio Lower Upper

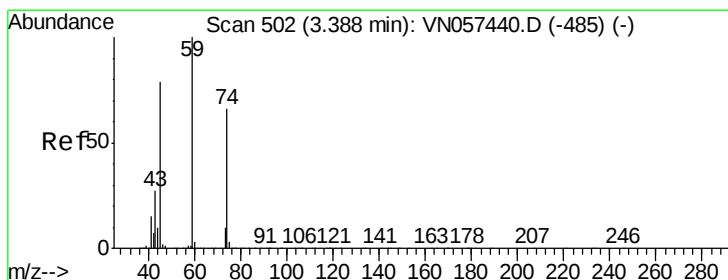
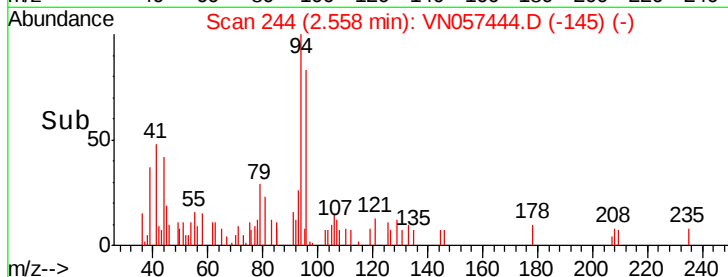
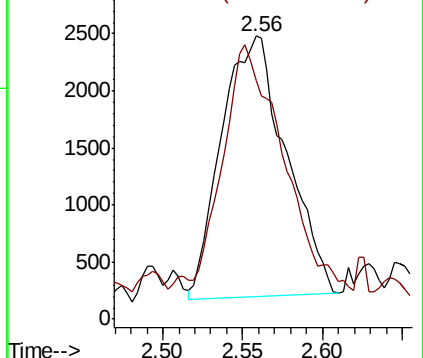
94 100

96 78.2 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#8

Diethyl Ether

Concen: Below Cal

RT: 3.16 min Scan# 431

Delta R.T. -0.23 min

Lab File: VN057444.D

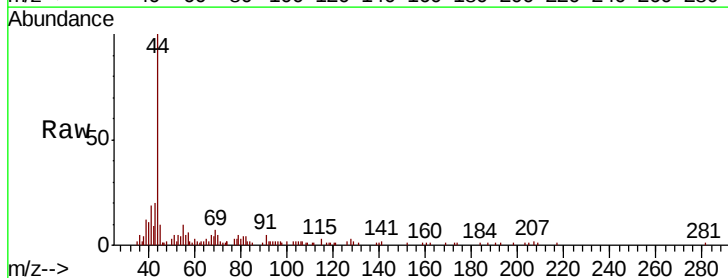
Acq: 22 Aug 2019 20:25

Tgt Ion: 74 Resp: 419

Ion Ratio Lower Upper

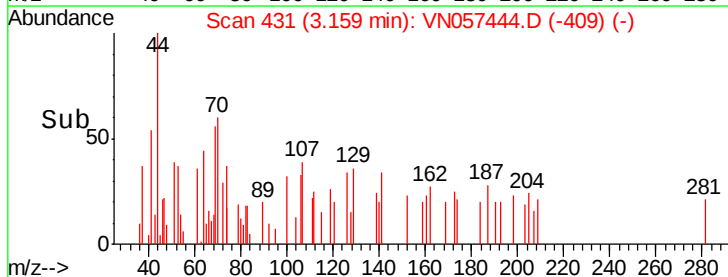
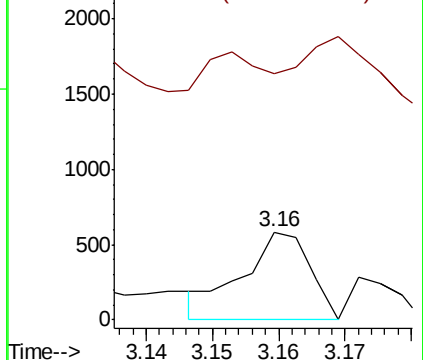
74 100

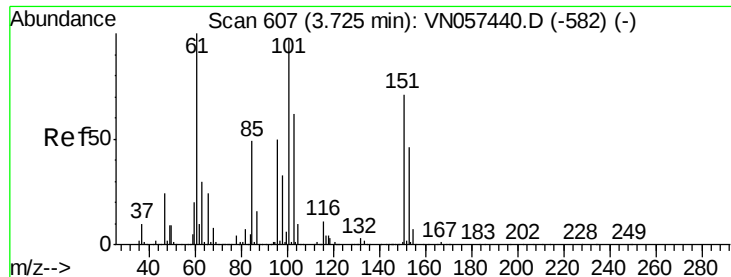
45 68.7 57.9 173.6



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0





#9

1,1,2-Trichlorotrifluoroethane

Concen: Below Cal

RT: 3.72 min Scan# 605

Delta R.T. -0.01 min

Lab File: VN057444.D

Acq: 22 Aug 2019 20:25

Instrument :

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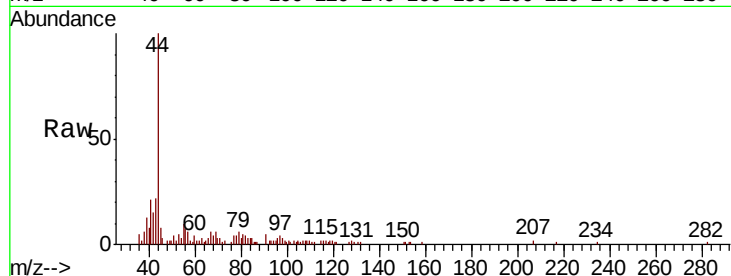
Tgt Ion:101 Resp: 497

Ion Ratio Lower Upper

101 100

85 23.7 40.0 60.0#

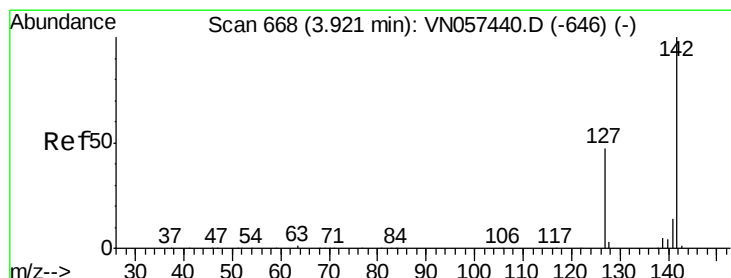
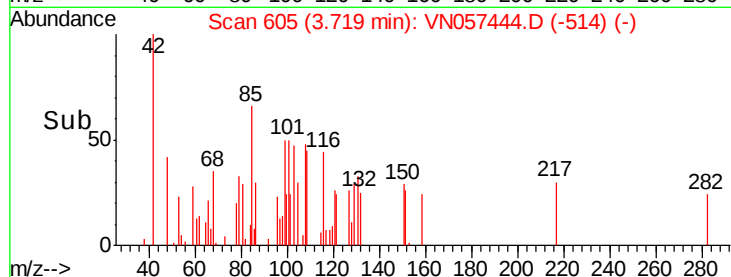
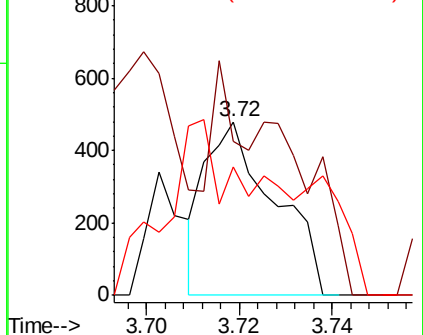
151 135.2 57.0 85.6#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 0.234 ug/l

RT: 3.94 min Scan# 673

Delta R.T. 0.02 min

Lab File: VN057444.D

Acq: 22 Aug 2019 20:25

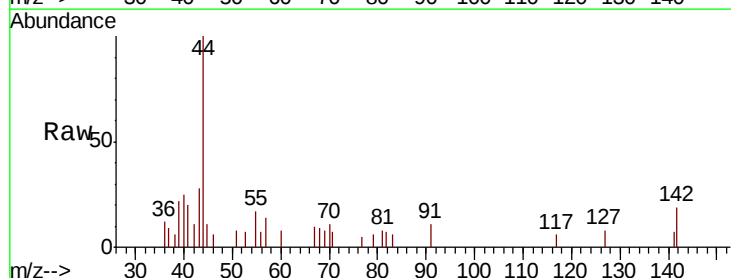
Tgt Ion:142 Resp: 1408

Ion Ratio Lower Upper

142 100

127 20.2 37.8 56.8#

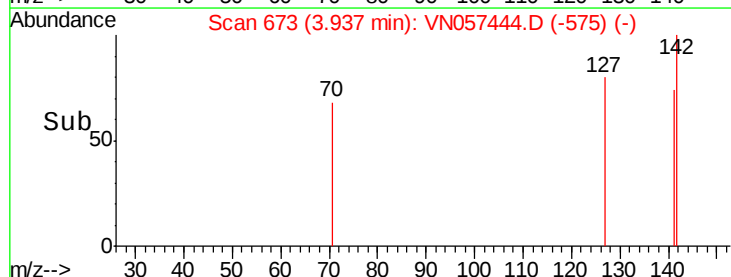
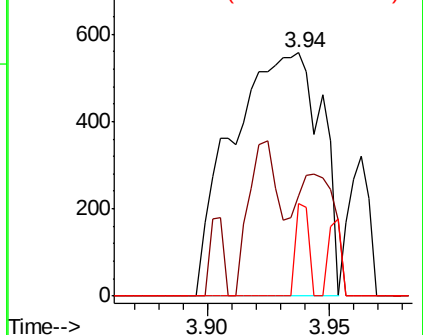
141 5.7 11.9 17.9#

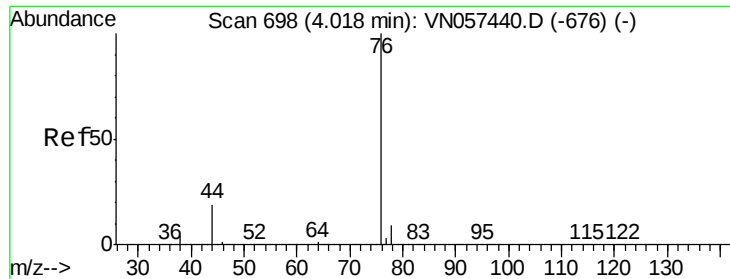


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

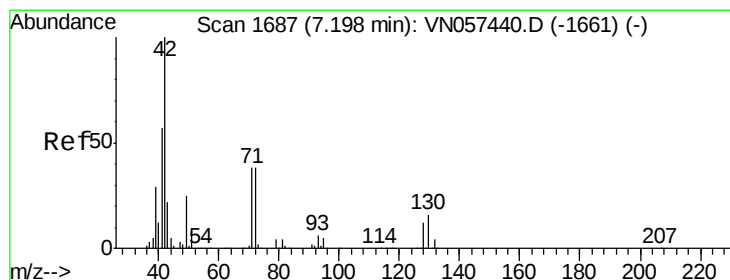
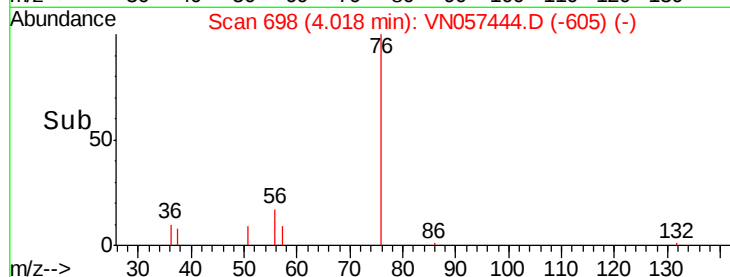
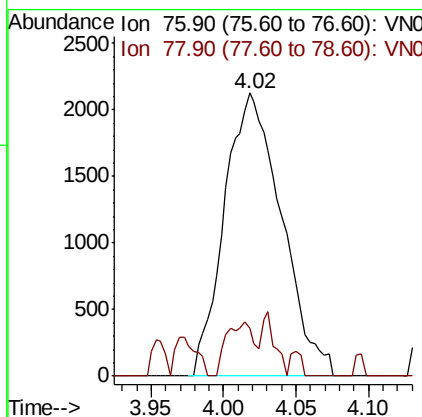
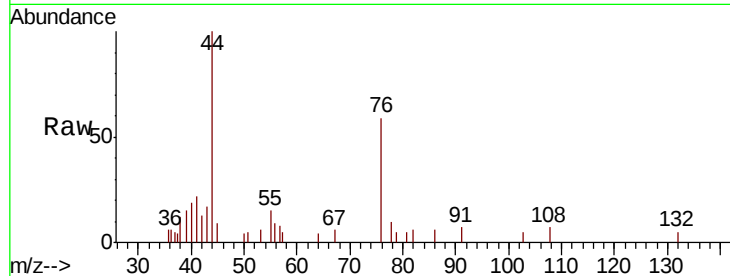




#17
Carbon Disulfide
Concen: 0.387 ug/l
RT: 4.02 min Scan# 698
Delta R.T. -0.00 min
Lab File: VN057444.D
Acq: 22 Aug 2019 20:25

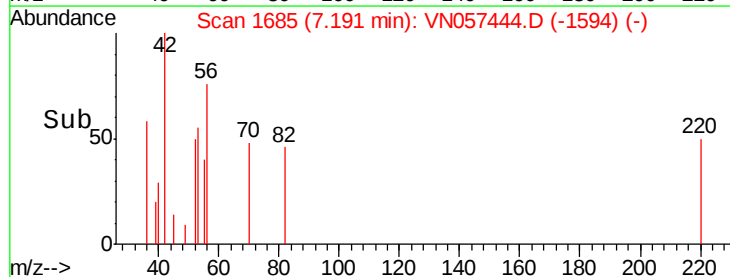
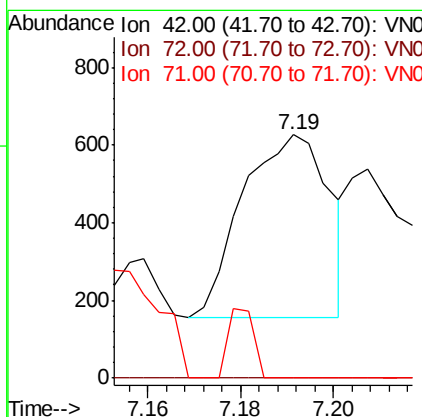
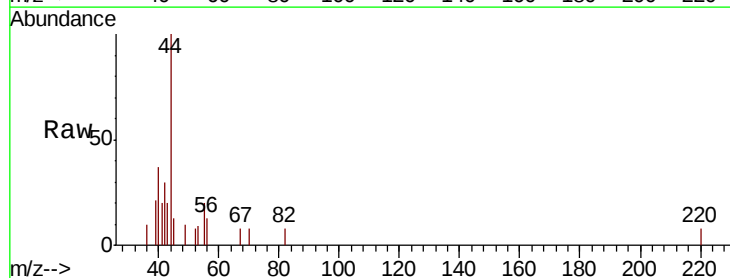
Instrument :
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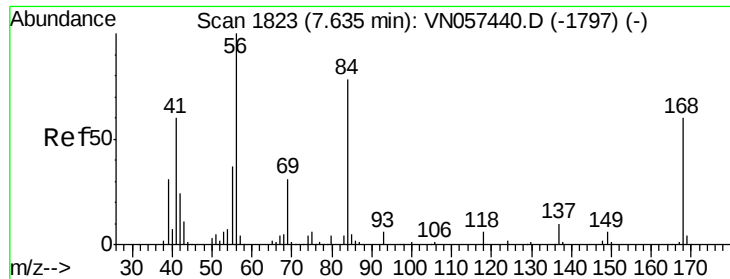
Tgt Ion: 76 Resp: 5822
Ion Ratio Lower Upper
76 100
78 16.8 7.1 10.7#



#29
Tetrahydrofuran
Concen: 0.227 ug/l
RT: 7.19 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VN057444.D
Acq: 22 Aug 2019 20:25

Tgt Ion: 42 Resp: 609
Ion Ratio Lower Upper
42 100
72 0.0 30.1 45.1#
71 11.2 28.8 43.2#

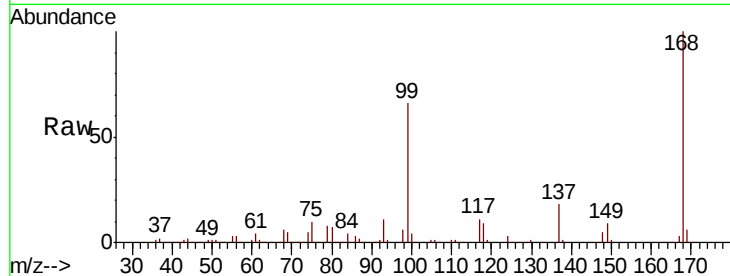




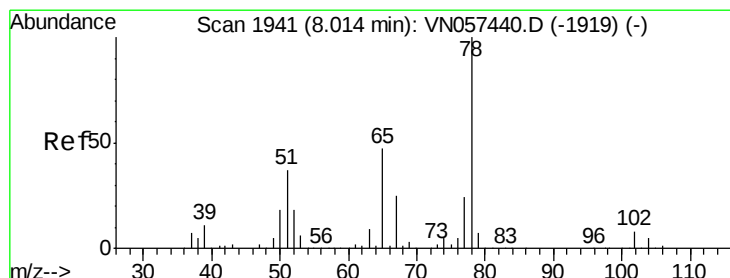
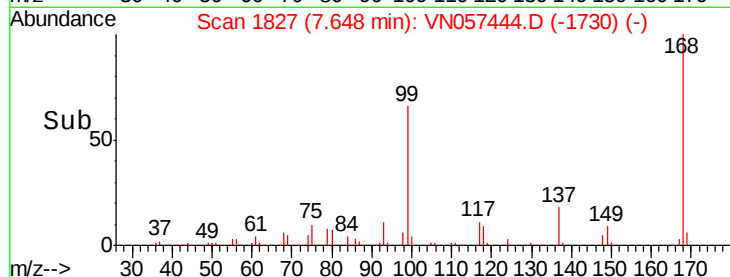
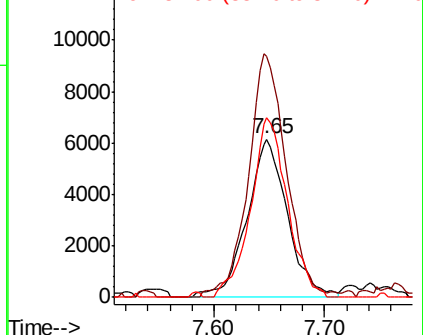
#31
Cyclohexane
Concen: 1.361 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. 0.01 min
Lab File: VN057444.D
Acq: 22 Aug 2019 20:25

Instrument :
MSVOA_N
ClientSampleId :
VN0822WBL01

Tgt Ion: 56 Resp: 15589
Ion Ratio Lower Upper
56 100
69 153.0 25.0 37.6#
84 113.6 62.5 93.7#

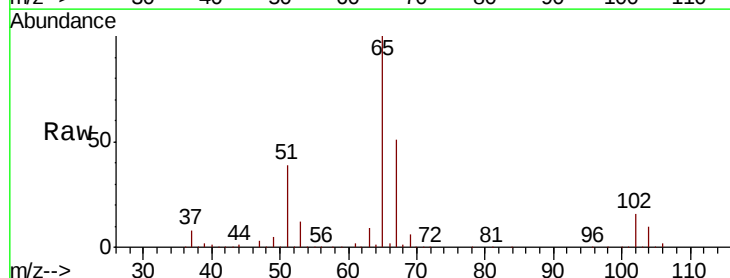


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

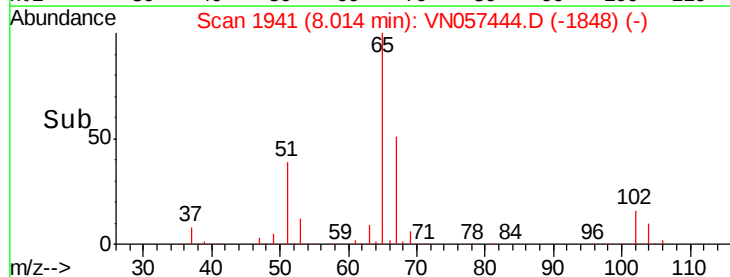
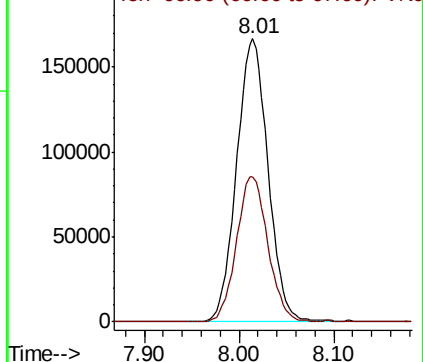


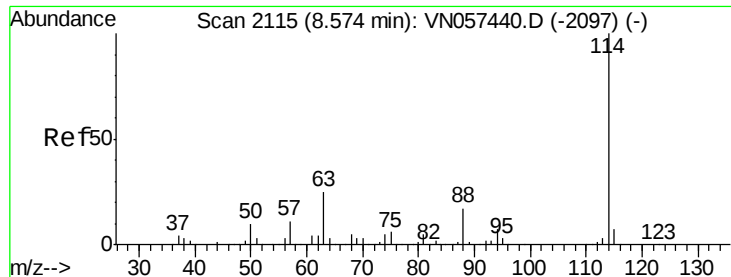
#33
1,2-Dichloroethane-d4
Concen: 47.236 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN057444.D
Acq: 22 Aug 2019 20:25

Tgt Ion: 65 Resp: 385034
Ion Ratio Lower Upper
65 100
67 50.9 0.0 103.8



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

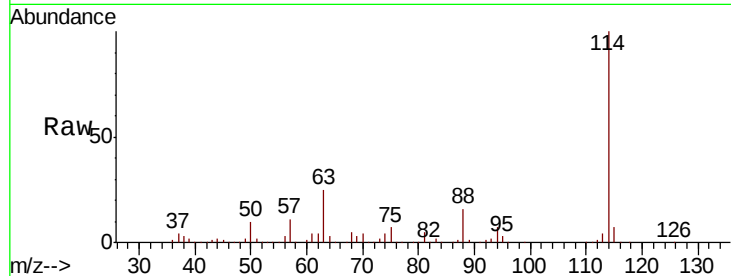




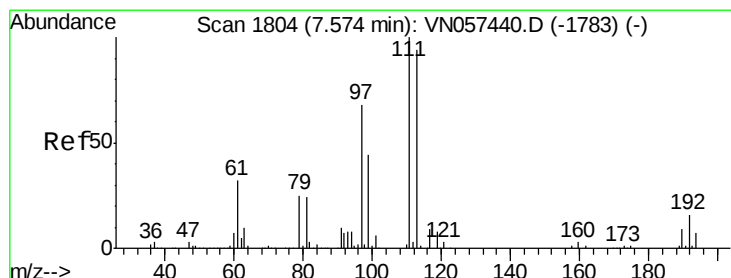
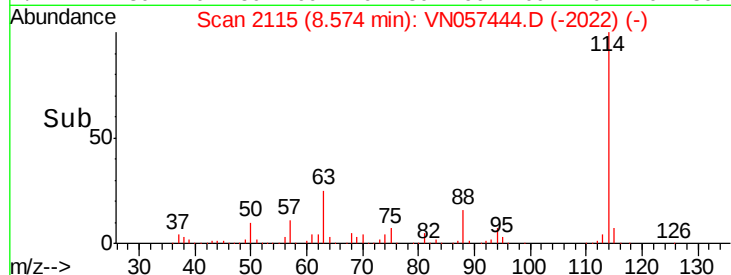
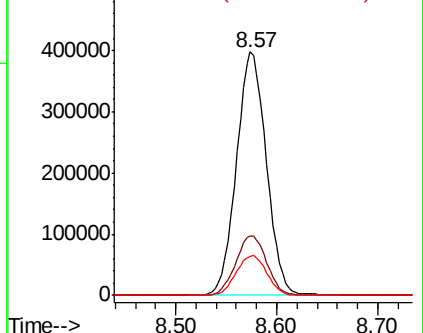
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN057444.D
 Acq: 22 Aug 2019 20:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0822WBL01

Tgt Ion:114 Resp: 816596
 Ion Ratio Lower Upper
 114 100
 63 24.6 0.0 50.2
 88 16.2 0.0 34.6

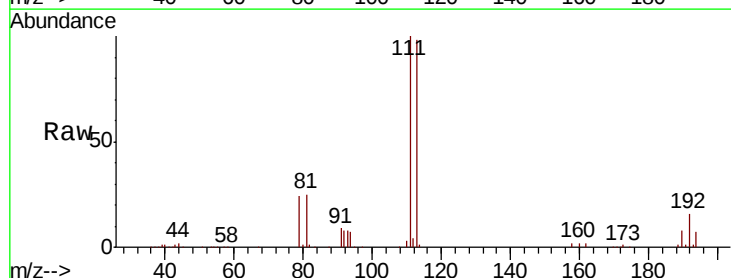


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

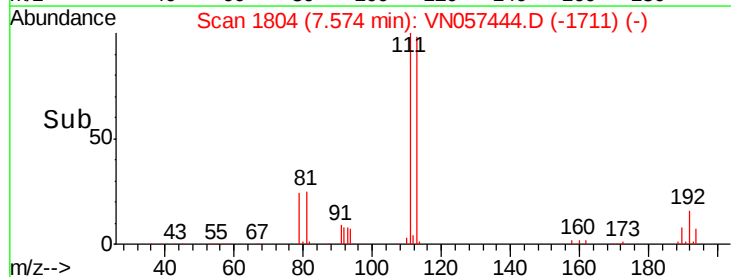
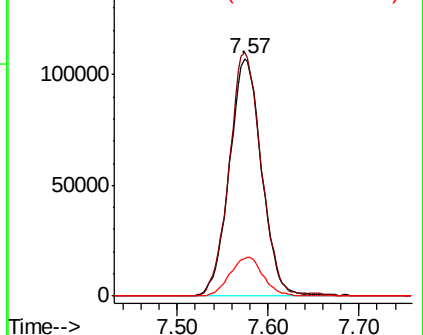


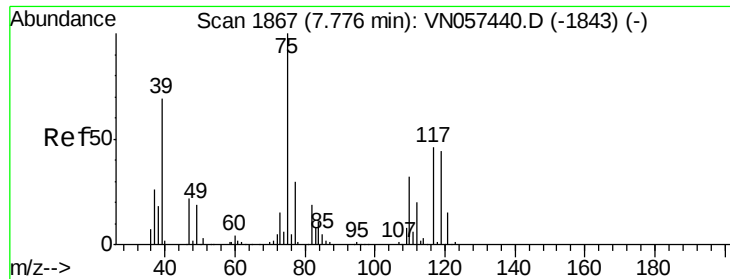
#35
 Dibromofluoromethane
 Concen: 47.824 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN057444.D
 Acq: 22 Aug 2019 20:25

Tgt Ion:113 Resp: 263786
 Ion Ratio Lower Upper
 113 100
 111 101.6 83.8 125.6
 192 16.8 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

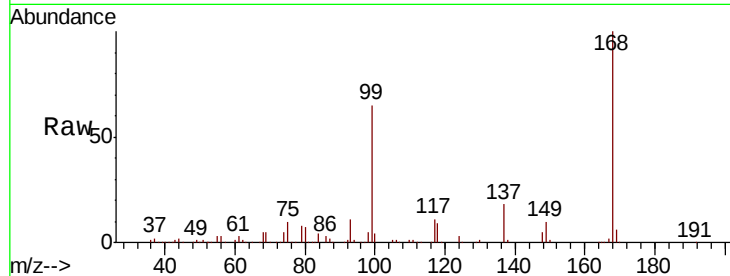




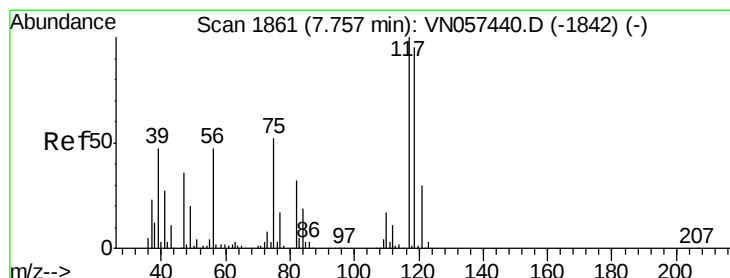
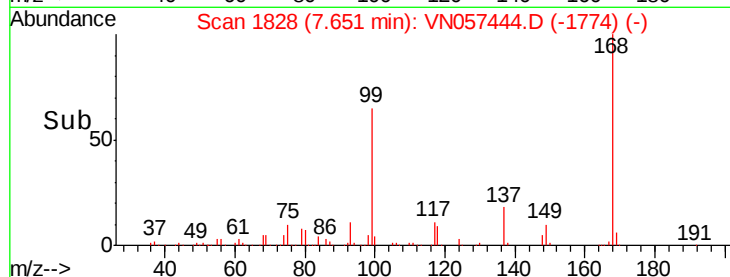
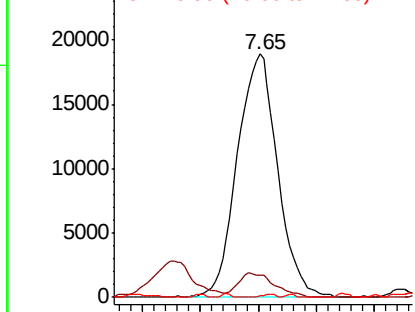
#36
 1,1-Dichloropropene
 Concen: 5.466 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.13 min
 Lab File: VN057444.D
 Acq: 22 Aug 2019 20:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0822WBL01

Tgt Ion: 75 Resp: 45612
 Ion Ratio Lower Upper
 75 100
 110 9.0 16.1 48.3#
 77 0.4 24.8 37.2#

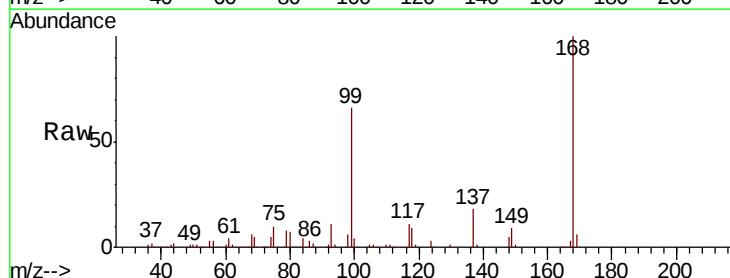


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

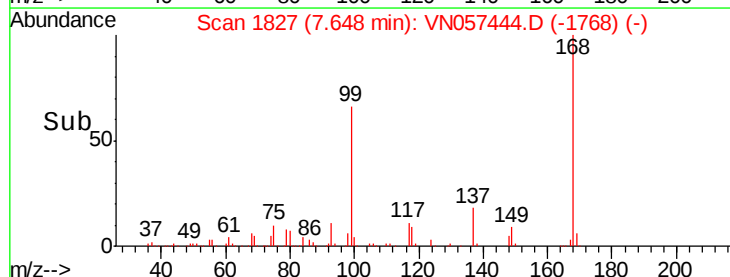
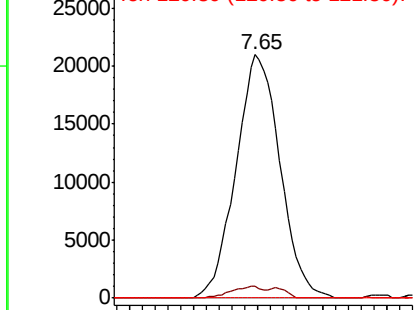


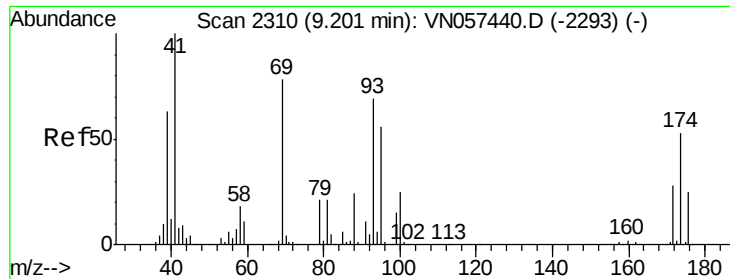
#38
 Carbon Tetrachloride
 Concen: 6.013 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.11 min
 Lab File: VN057444.D
 Acq: 22 Aug 2019 20:25

Tgt Ion: 117 Resp: 49842
 Ion Ratio Lower Upper
 117 100
 119 5.1 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





#46

Dibromomethane

Concen: Below Cal

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN057444.D

Acq: 22 Aug 2019 20:25

Instrument :

MSVOA_N

ClientSampled :

VN0822WBL01

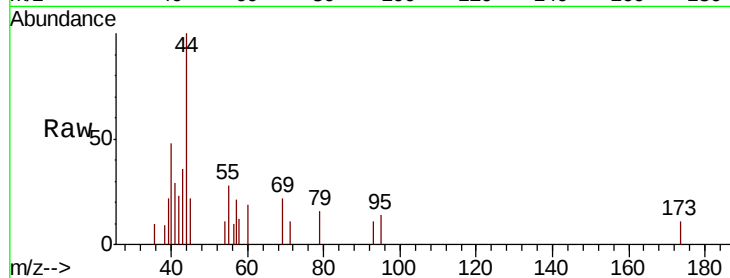
Tgt Ion: 93 Resp: 164

Ion Ratio Lower Upper

93 100

95 187.2 64.7 97.1#

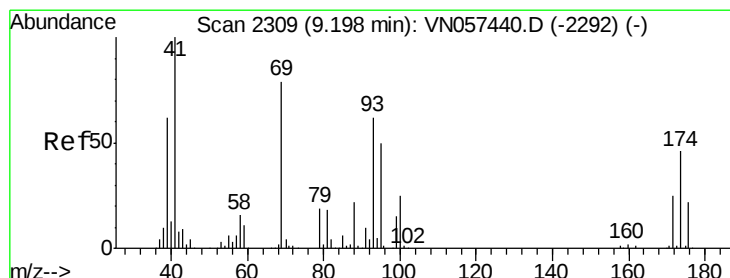
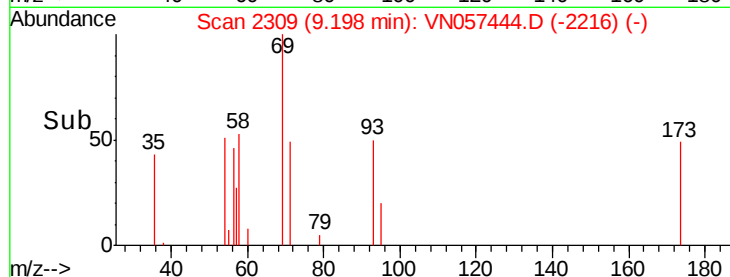
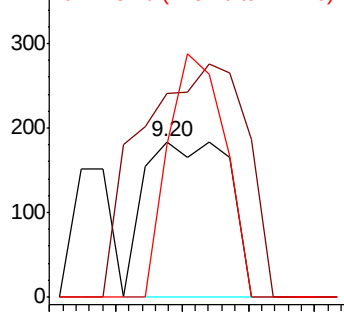
174 105.5 62.3 93.5#



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): VN0



#49

1,4-Dioxane

Concen: 0.656 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. -0.00 min

Lab File: VN057444.D

Acq: 22 Aug 2019 20:25

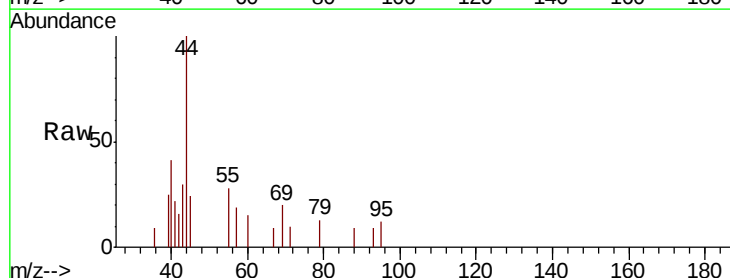
Tgt Ion: 88 Resp: 61

Ion Ratio Lower Upper

88 100

43 0.0 31.0 46.6#

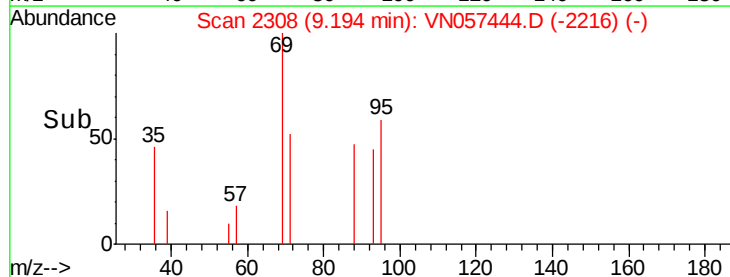
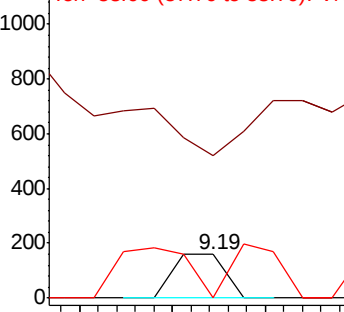
58 116.4 64.5 96.7#

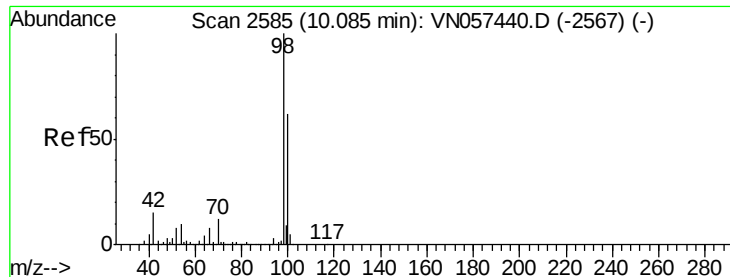


Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#50

Toluene-d8

Concen: 48.726 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057444.D

Acq: 22 Aug 2019 20:25

Instrument :

MSVOA_N

ClientSampleId :

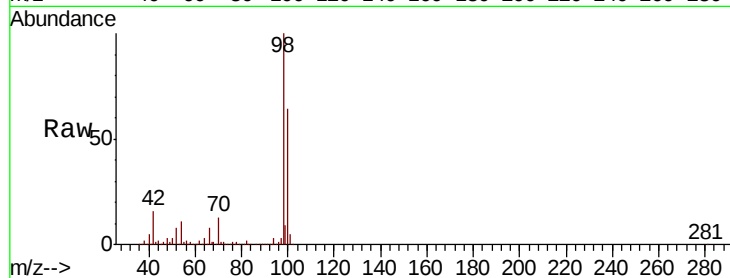
VN0822WBL01

Tgt Ion: 98 Resp: 1016240

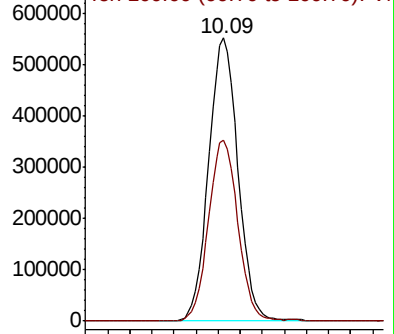
Ion Ratio Lower Upper

98 100

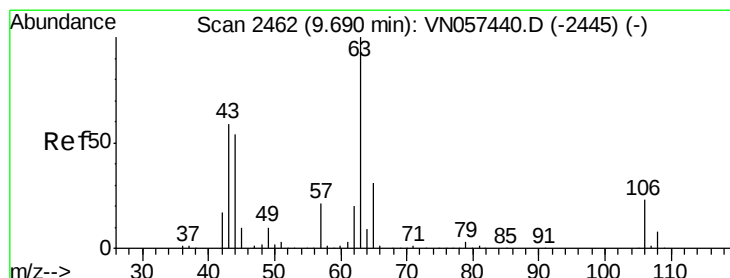
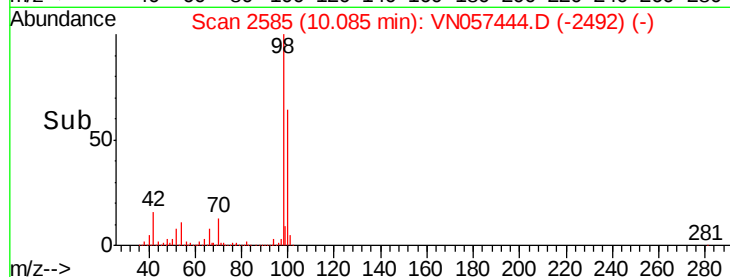
100 63.9 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN057440.D (-2567) (-)



Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 17.203 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.01 min

Lab File: VN057444.D

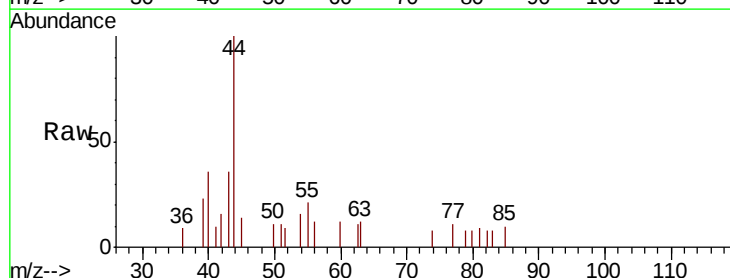
Acq: 22 Aug 2019 20:25

Tgt Ion: 63 Resp: 379

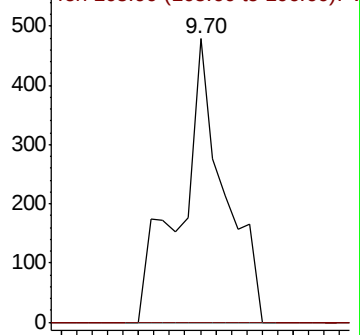
Ion Ratio Lower Upper

63 100

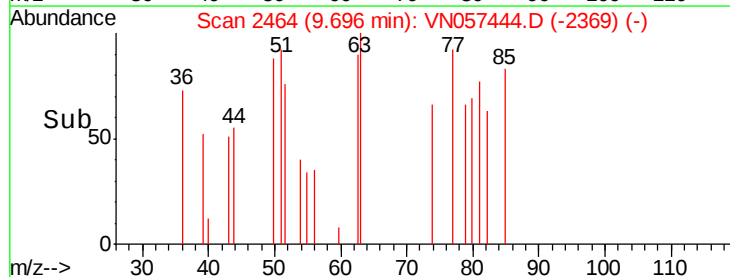
106 0.0 18.6 27.8#

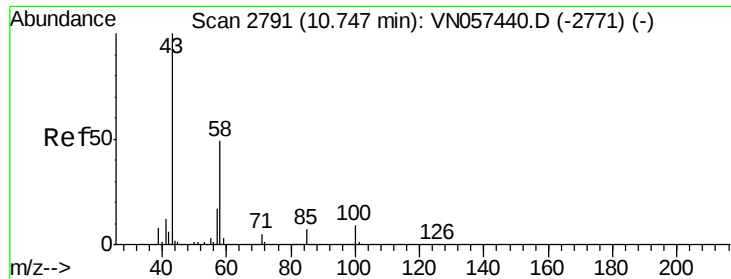


Abundance Ion 62.90 (62.60 to 63.60): VN057440.D (-2445) (-)



Time-->

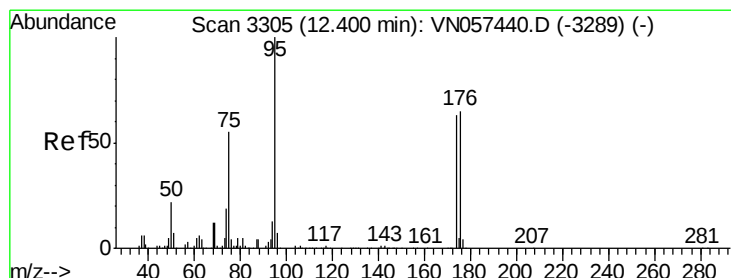
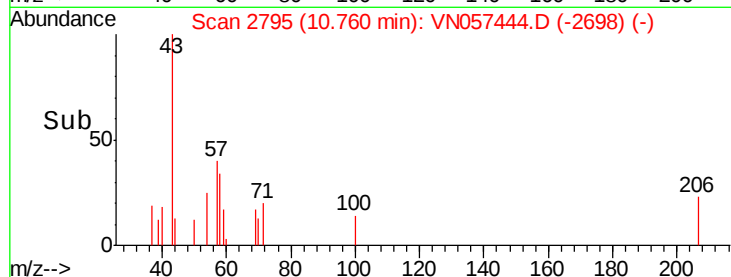
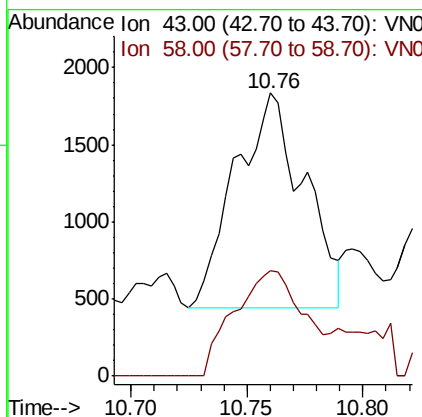
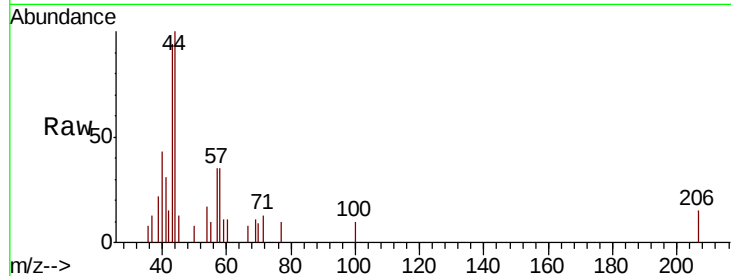




#59
2-Hexanone
Concen: 0.498 ug/l
RT: 10.76 min Scan# 2795
Delta R.T. 0.01 min
Lab File: VN057444.D
Acq: 22 Aug 2019 20:25

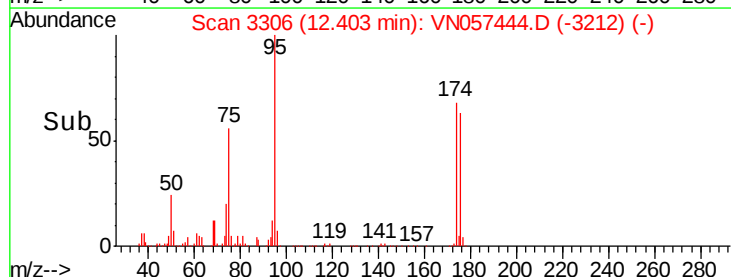
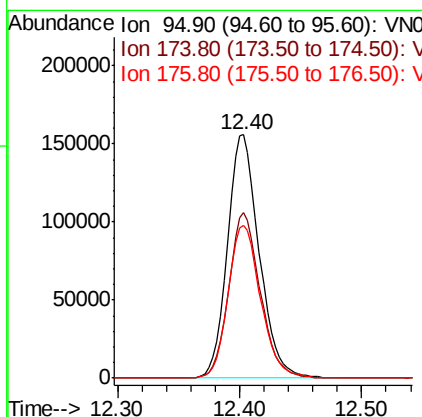
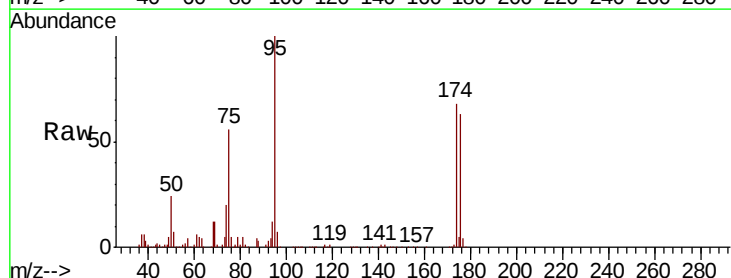
Instrument :
MSVOA_N
ClientSampled :
VN0822WBL01

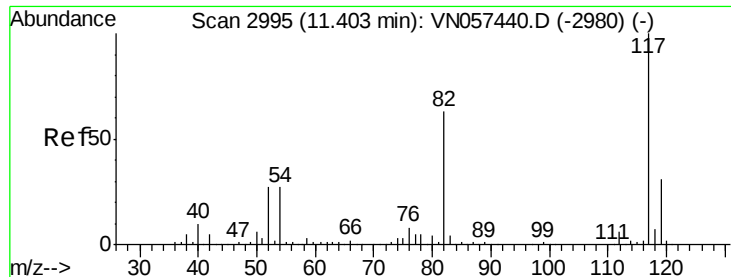
Tgt Ion: 43 Resp: 2880
Ion Ratio Lower Upper
43 100
58 51.0 24.6 73.6



#62
4-Bromofluorobenzene
Concen: 40.047 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057444.D
Acq: 22 Aug 2019 20:25

Tgt Ion: 95 Resp: 283042
Ion Ratio Lower Upper
95 100
174 67.4 0.0 133.0
176 64.3 0.0 130.8

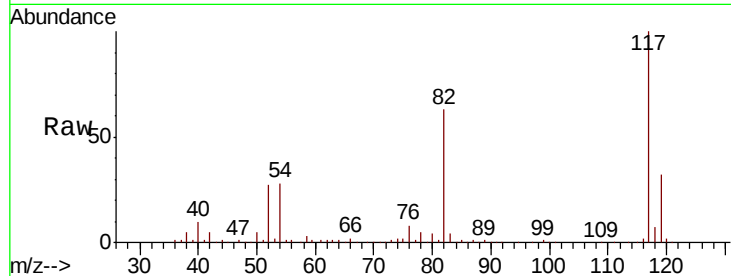




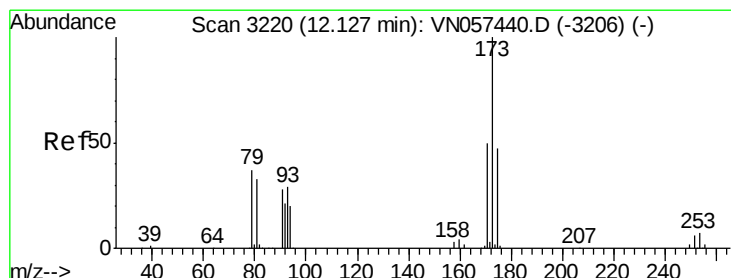
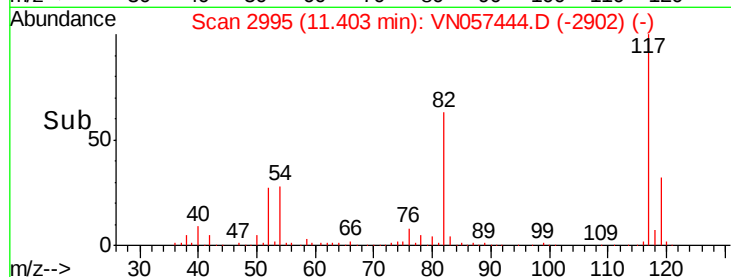
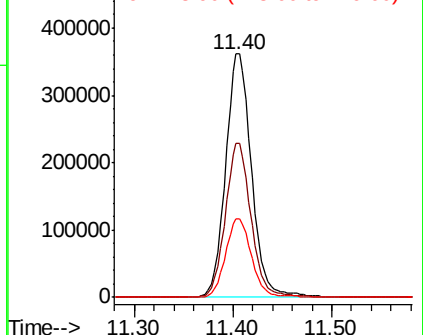
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. 0.00 min
Lab File: VN057444.D
Acq: 22 Aug 2019 20:25

Instrument :
MSVOA_N
ClientSampleId :
VN0822WBL01

Tgt Ion:117 Resp: 666157
Ion Ratio Lower Upper
117 100
82 63.0 50.6 75.8
119 32.4 24.6 36.8

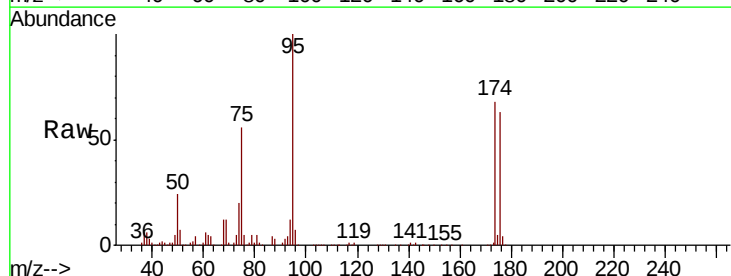


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

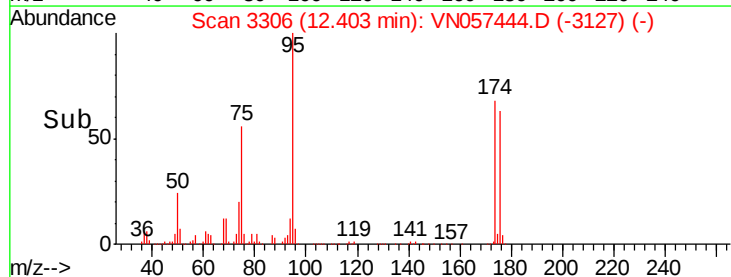
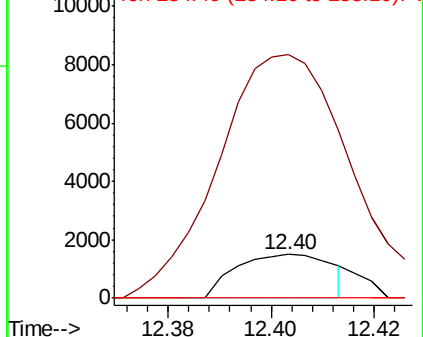


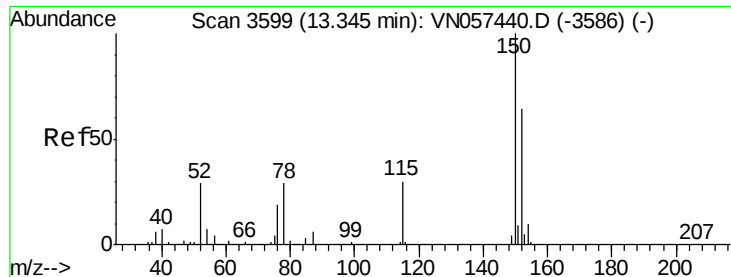
#71
Bromoform
Concen: 0.548 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN057444.D
Acq: 22 Aug 2019 20:25

Tgt Ion:173 Resp: 1914
Ion Ratio Lower Upper
173 100
175 657.0 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: VN057444.D

Acq: 22 Aug 2019 20:25

Instrument :

MSVOA_N

ClientSampleId :

VN0822WBL01

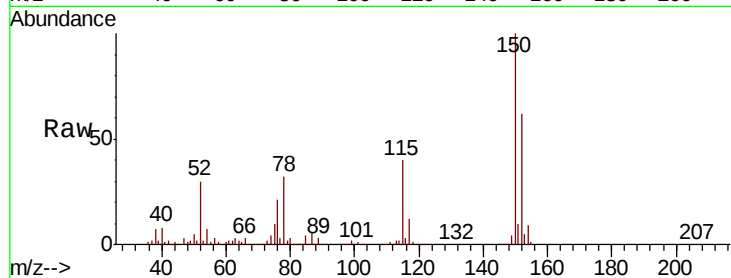
Tgt Ion:152 Resp: 169375

Ion Ratio Lower Upper

152 100

115 64.2 32.0 96.0

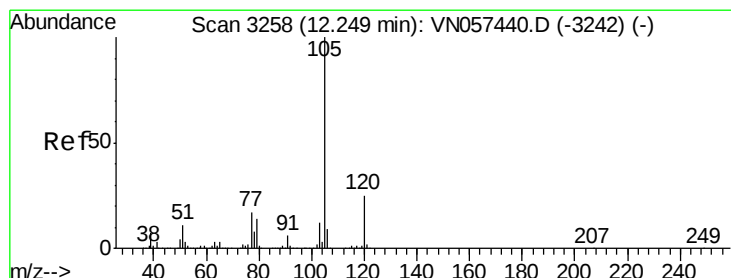
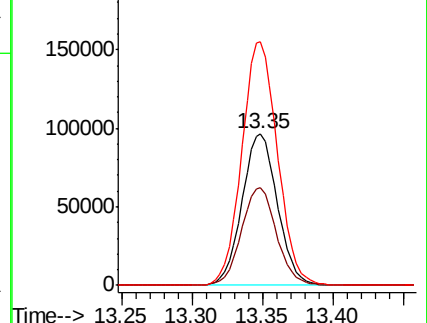
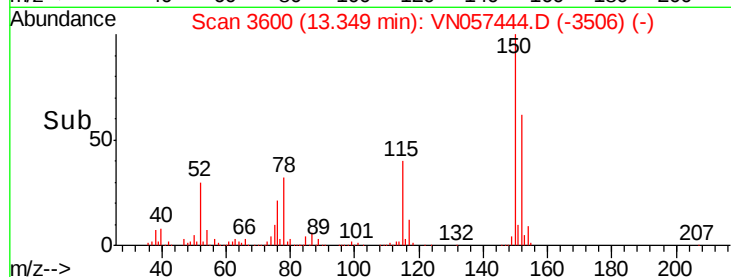
150 162.4 0.0 346.6



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: 12.28 min Scan# 3269

Delta R.T. 0.04 min

Lab File: VN057444.D

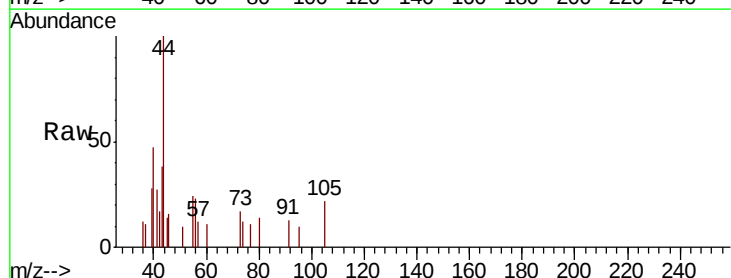
Acq: 22 Aug 2019 20:25

Tgt Ion:105 Resp: 165

Ion Ratio Lower Upper

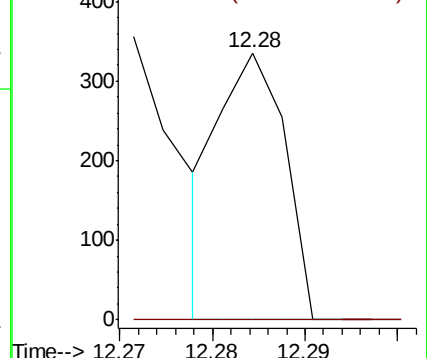
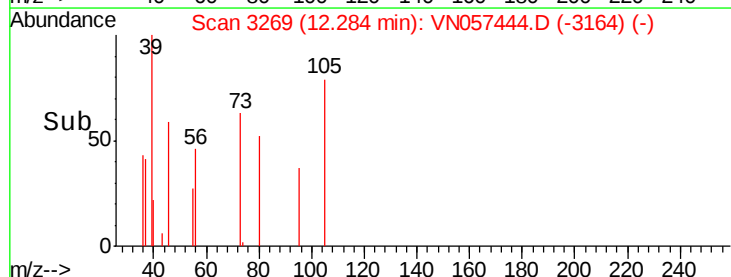
105 100

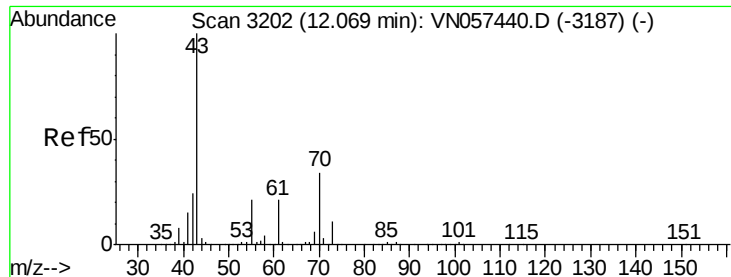
120 36.4 12.7 38.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: Below Cal

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN057444.D

Acq: 22 Aug 2019 20:25

Instrument :

MSVOA_N

ClientSampleId :

VN0822WBL01

Tgt Ion: 43 Resp: 1879

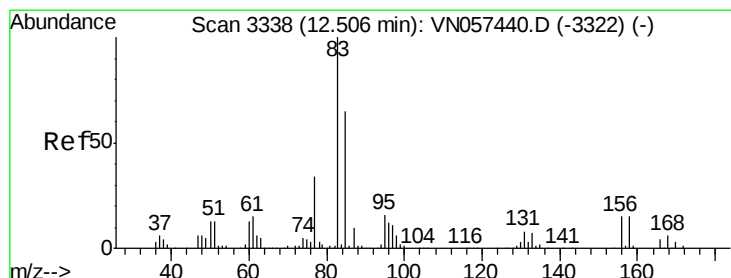
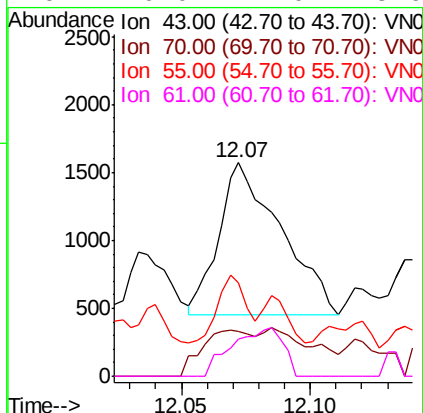
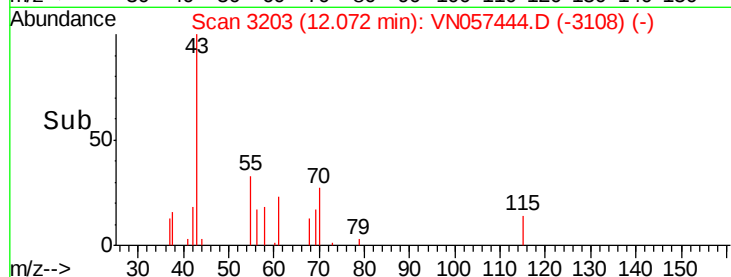
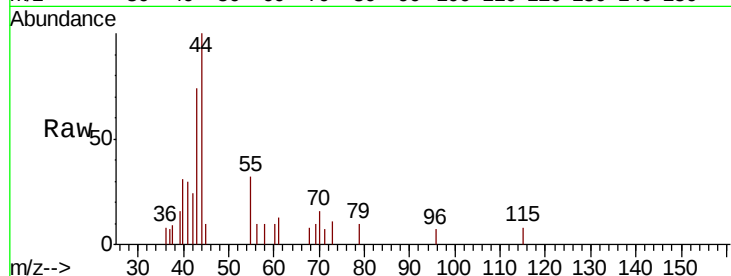
Ion Ratio Lower Upper

43 100

70 25.2 27.8 41.6#

55 20.1 17.0 25.4

61 0.0 17.0 25.6#



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN057444.D

Acq: 22 Aug 2019 20:25

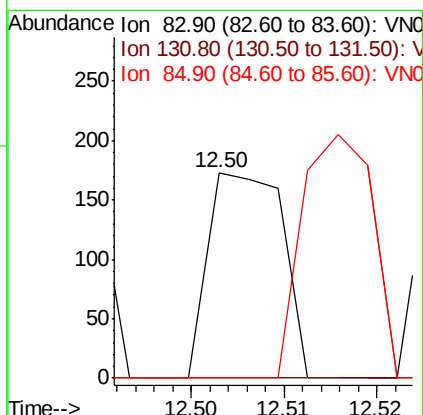
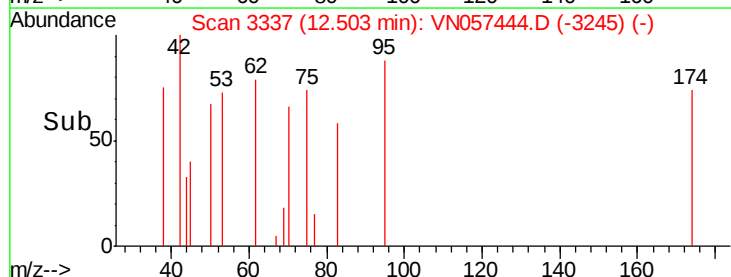
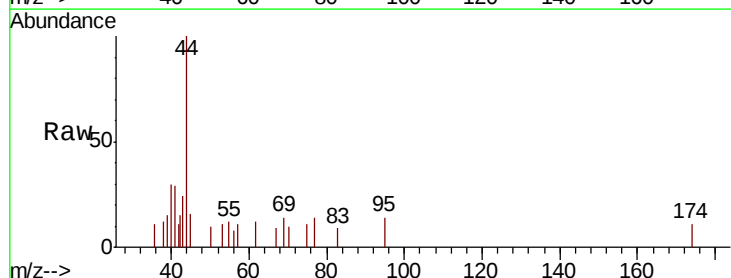
Tgt Ion: 83 Resp: 96

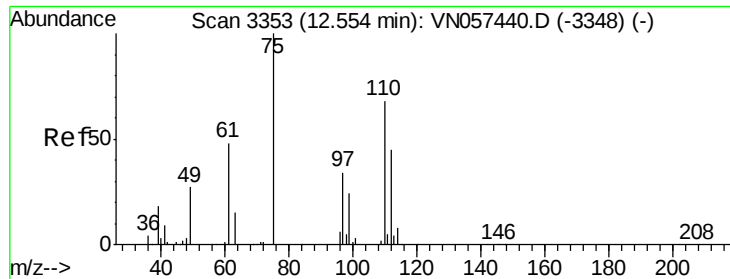
Ion Ratio Lower Upper

83 100

131 0.0 4.3 13.1#

85 112.5 32.3 96.8#

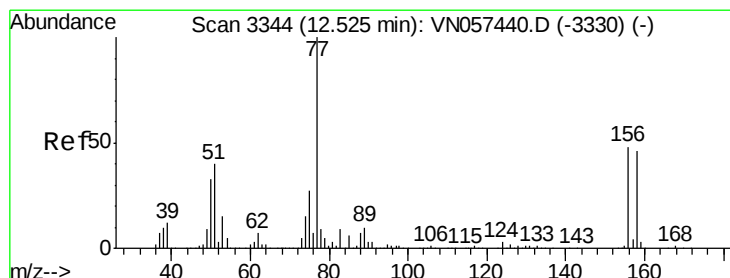
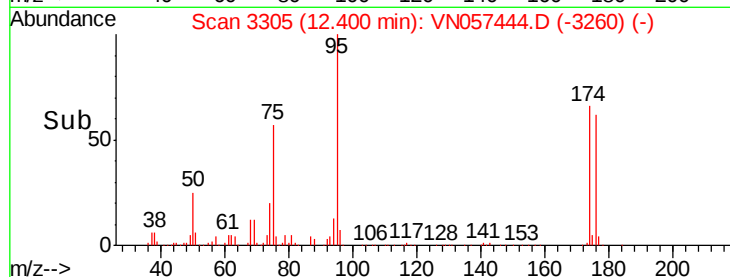
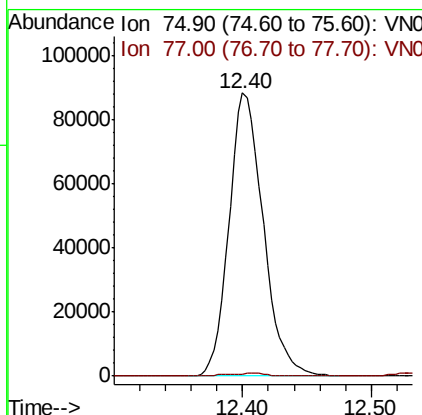
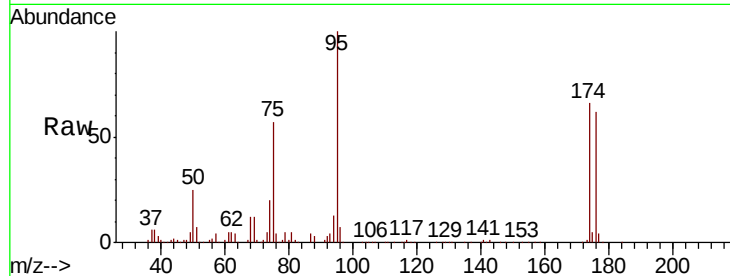




#76
 1,2,3-Trichloropropane
 Concen: 42.966 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.15 min
 Lab File: VN057444.D
 Acq: 22 Aug 2019 20:25

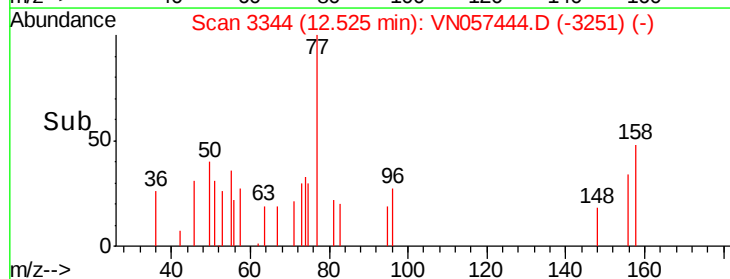
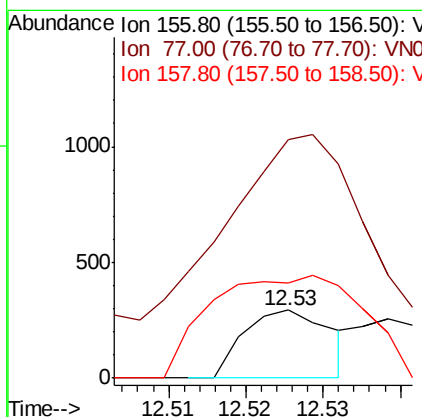
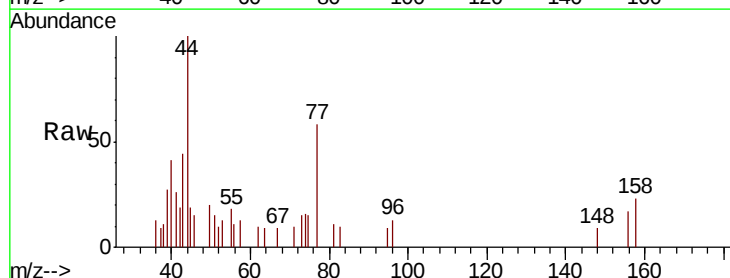
Instrument :
 MSVOA_N
 ClientSampled :
 VN0822WBL01

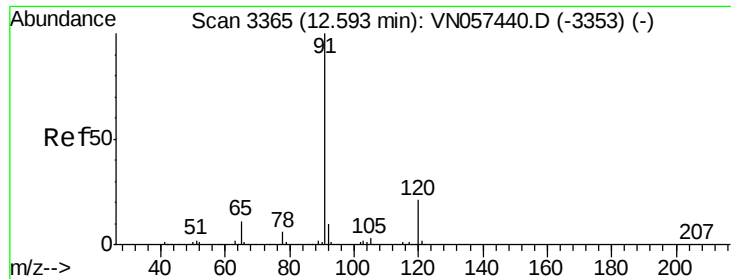
Tgt Ion: 75 Resp: 163049
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#



#77
 Bromobenzene
 Concen: Below Cal
 RT: 12.53 min Scan# 3344
 Delta R.T. 0.00 min
 Lab File: VN057444.D
 Acq: 22 Aug 2019 20:25

Tgt Ion: 156 Resp: 229
 Ion Ratio Lower Upper
 156 100
 77 506.1 124.4 373.3#
 158 264.2 48.3 144.8#





#78

n-propylbenzene

Concen: Below Cal

RT: 12.60 min Scan# 3366

Delta R.T. 0.00 min

Lab File: VN057444.D

Acq: 22 Aug 2019 20:25

Instrument :

MSVOA_N

ClientSampleId :

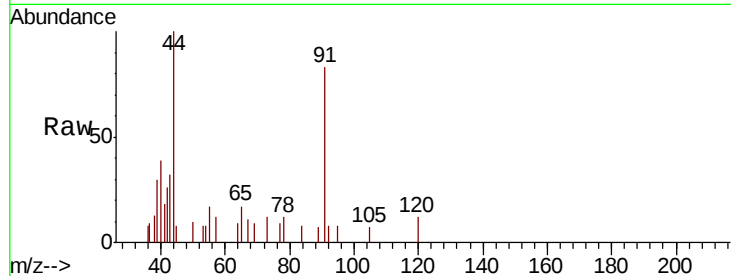
VN0822WBL01

Tgt Ion: 91 Resp: 3624

Ion Ratio Lower Upper

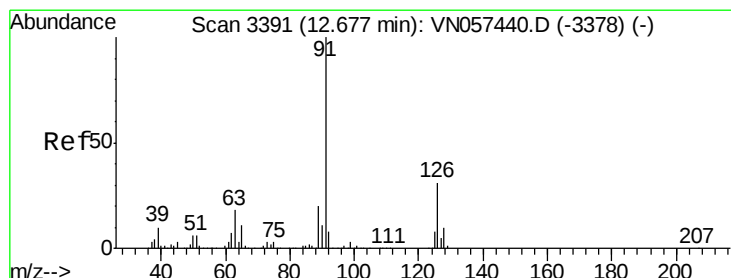
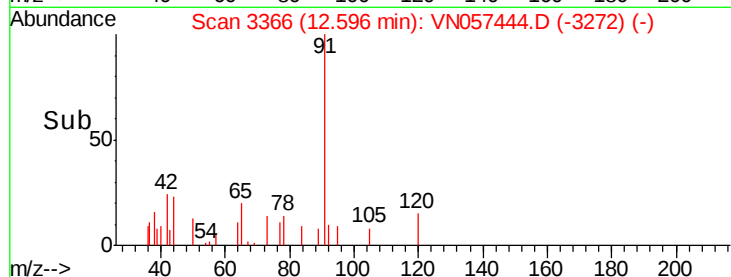
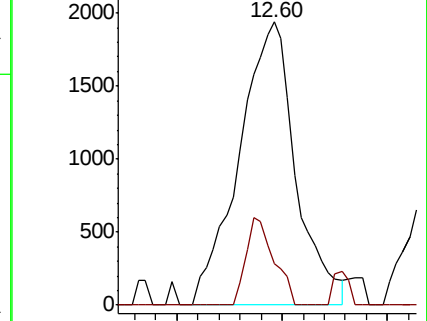
91 100

120 15.1 10.7 32.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN057444.D

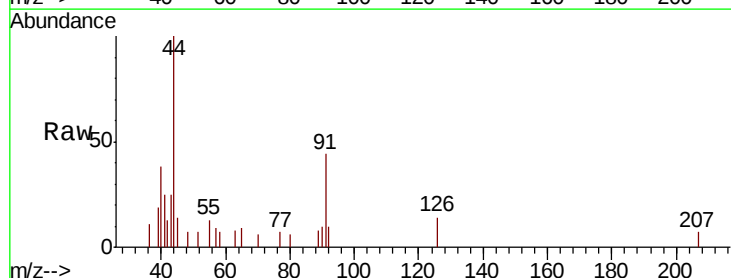
Acq: 22 Aug 2019 20:25

Tgt Ion: 91 Resp: 1926

Ion Ratio Lower Upper

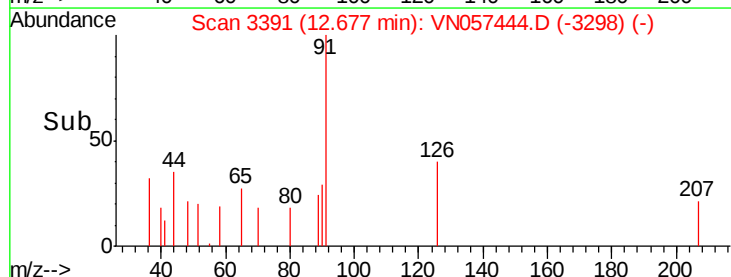
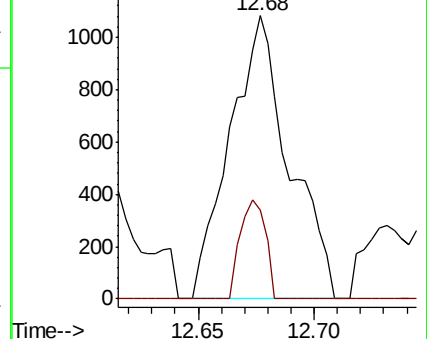
91 100

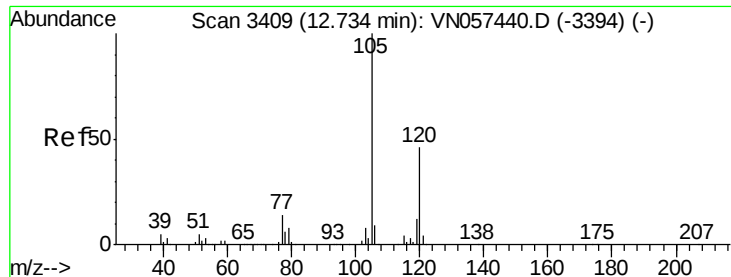
126 14.7 15.3 45.8#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

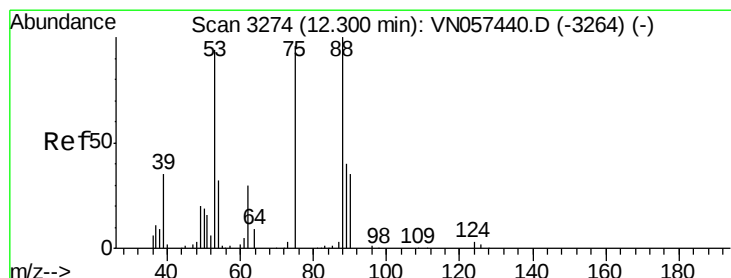
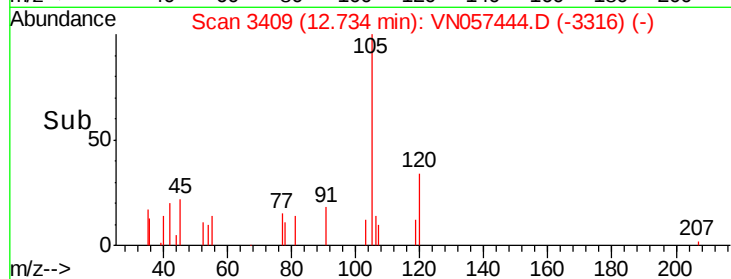
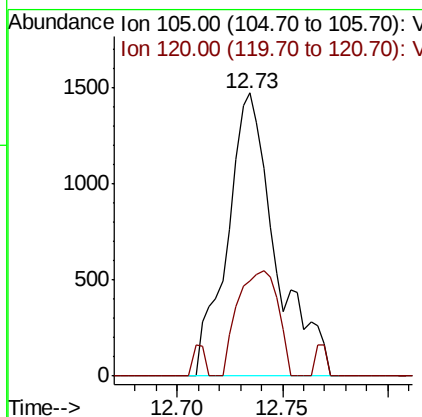
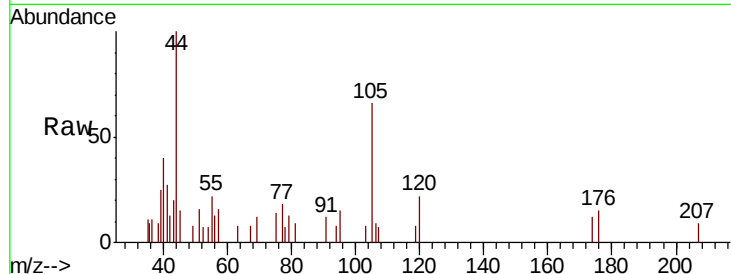




#80
 1,3,5-Trimethylbenzene
 Concen: Below Cal
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN057444.D
 Acq: 22 Aug 2019 20:25

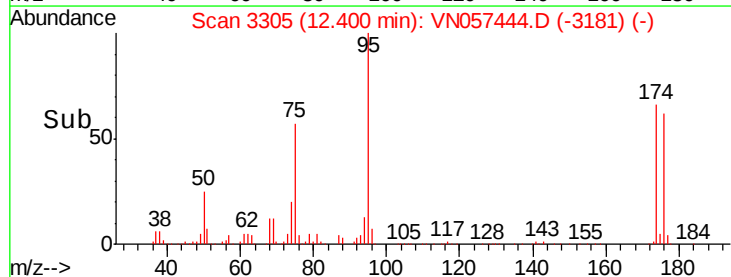
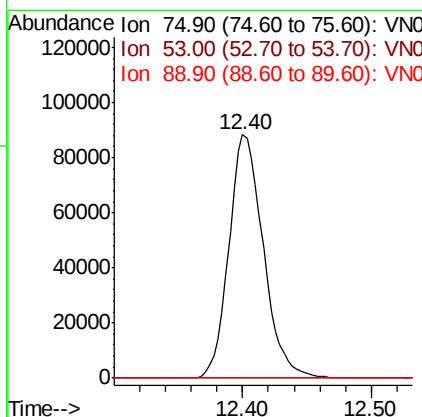
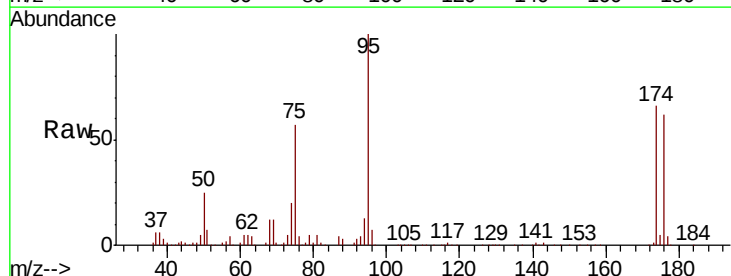
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0822WBL01

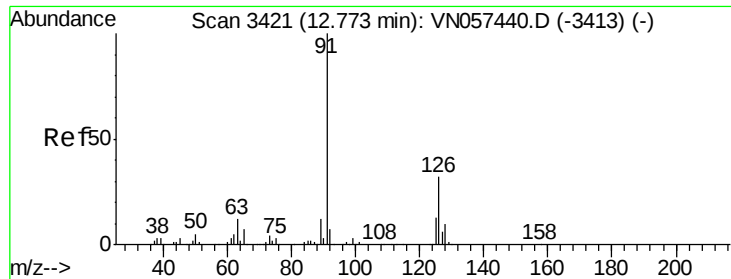
Tgt Ion: 105 Resp: 2347
 Ion Ratio Lower Upper
 105 100
 120 31.0 23.3 69.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 110.431 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN057444.D
 Acq: 22 Aug 2019 20:25

Tgt Ion: 75 Resp: 163049
 Ion Ratio Lower Upper
 75 100
 53 0.3 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: VN057444.D

Acq: 22 Aug 2019 20:25

Instrument :

MSVOA_N

ClientSampled :

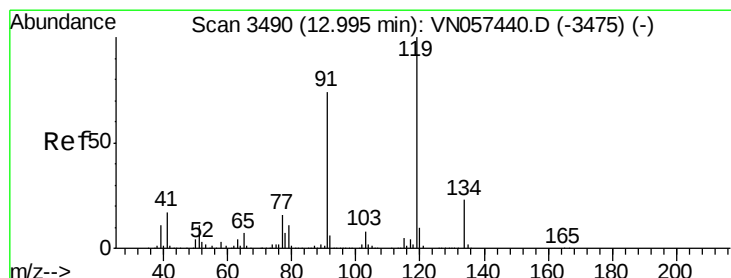
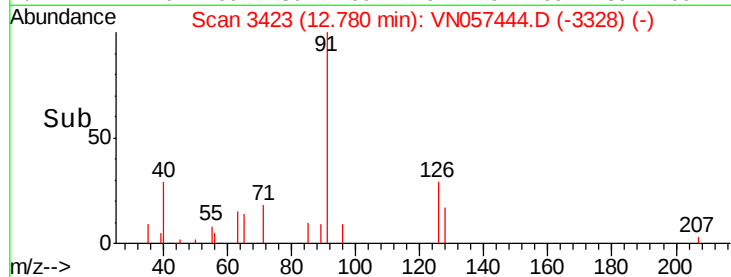
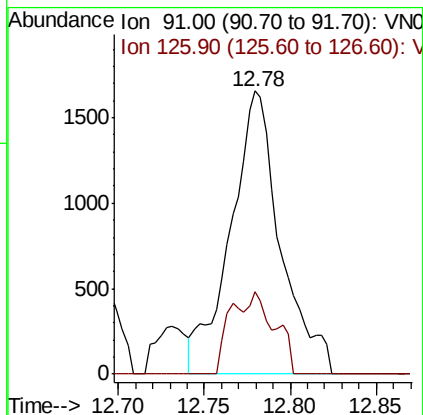
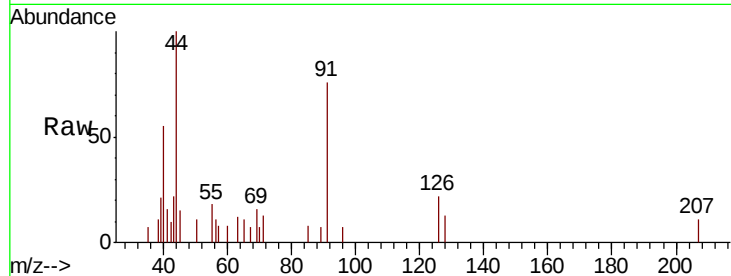
VN0822WBL01

Tgt Ion: 91 Resp: 3348

Ion Ratio Lower Upper

91 100

126 9.9 15.0 45.0#



#83

tert-Butylbenzene

Concen: Below Cal

RT: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN057444.D

Acq: 22 Aug 2019 20:25

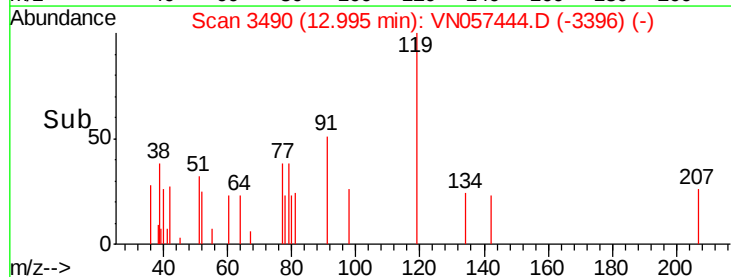
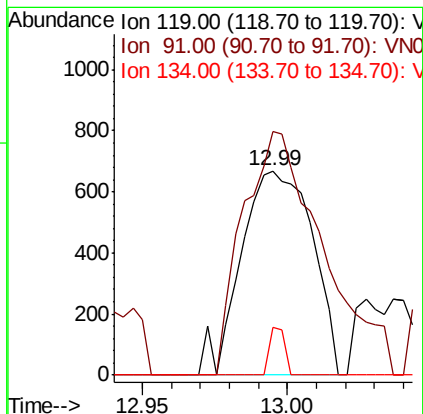
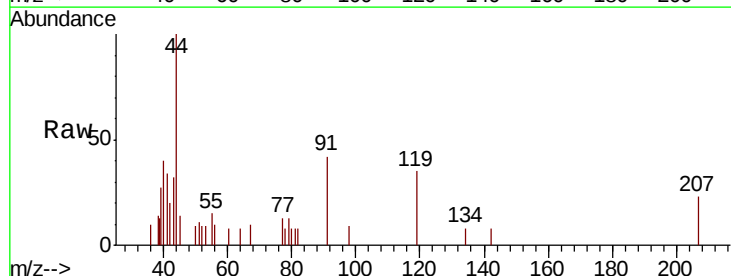
Tgt Ion: 119 Resp: 1141

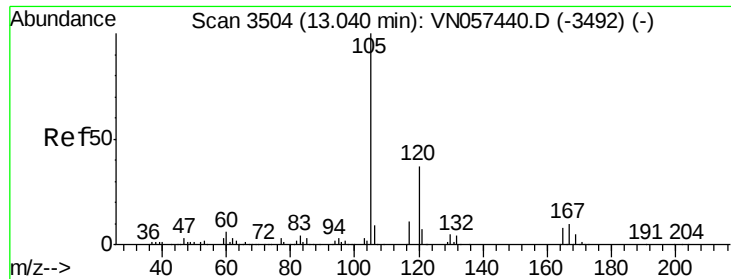
Ion Ratio Lower Upper

119 100

91 134.2 37.0 111.0#

134 5.2 12.2 36.6#

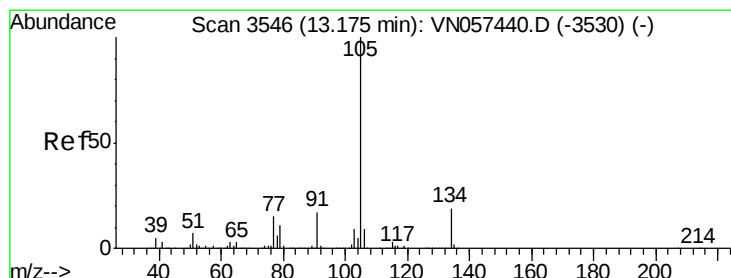
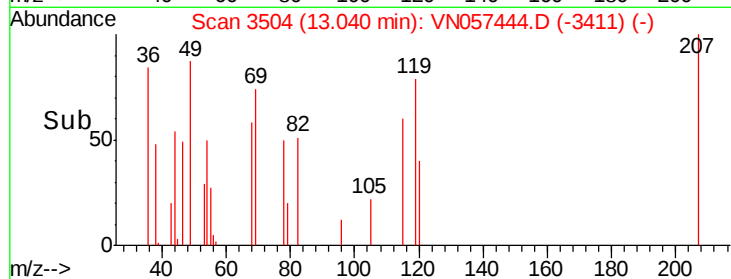
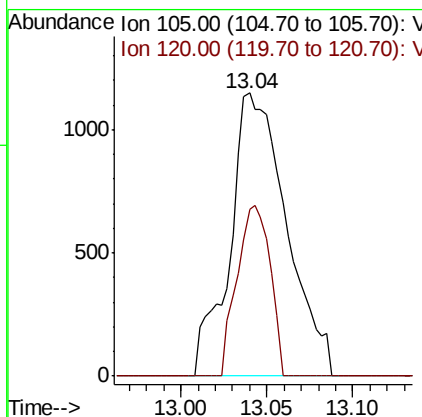
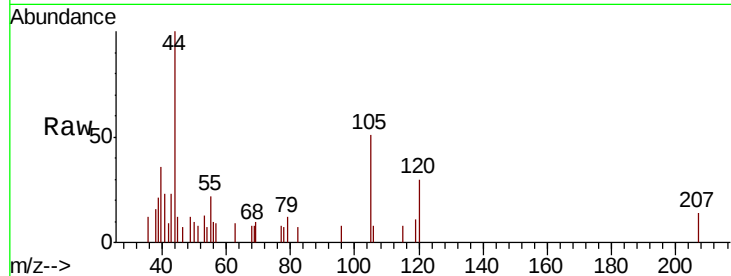




#84
 1,2,4-Trimethylbenzene
 Concen: 0.200 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN057444.D
 Acq: 22 Aug 2019 20:25

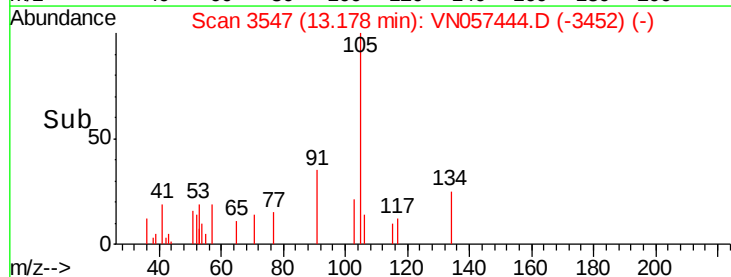
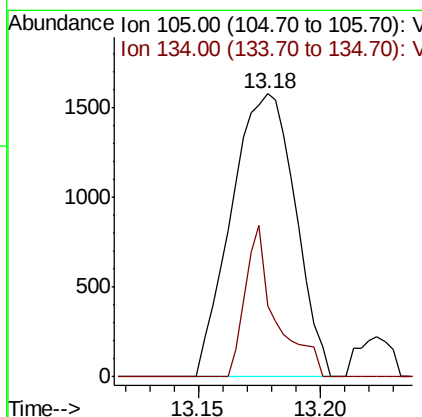
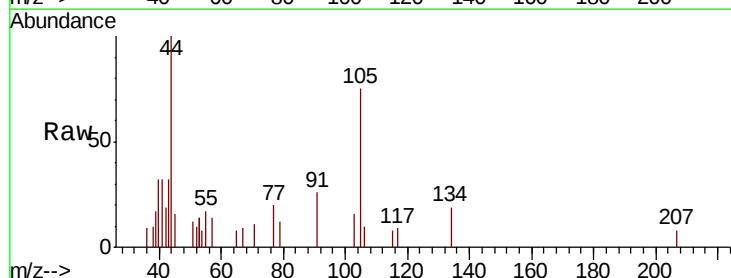
Instrument :
 MSVOA_N
 ClientSampled :
 VN0822WBL01

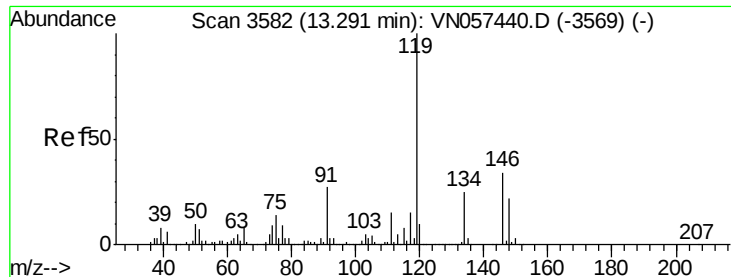
Tgt Ion:105 Resp: 2638
 Ion Ratio Lower Upper
 105 100
 120 34.9 21.9 65.7



#85
 sec-Butylbenzene
 Concen: Below Cal
 RT: 13.18 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: VN057444.D
 Acq: 22 Aug 2019 20:25

Tgt Ion:105 Resp: 2869
 Ion Ratio Lower Upper
 105 100
 134 25.4 9.3 27.9

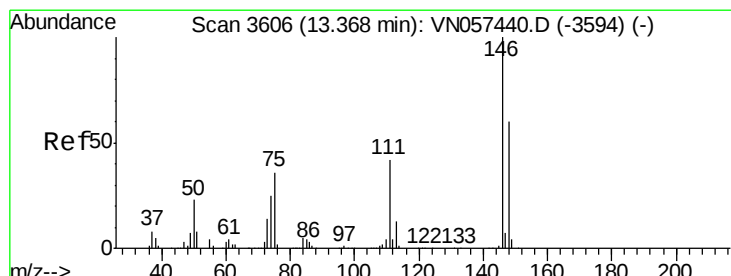
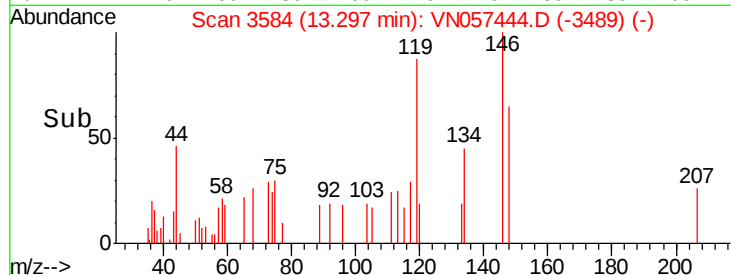
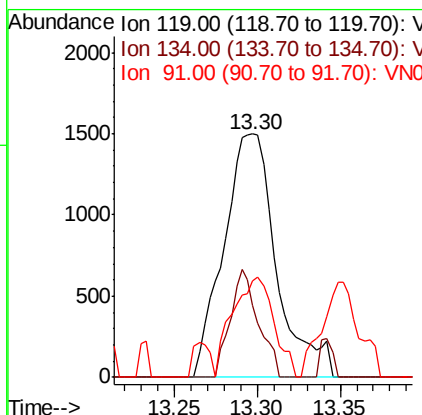
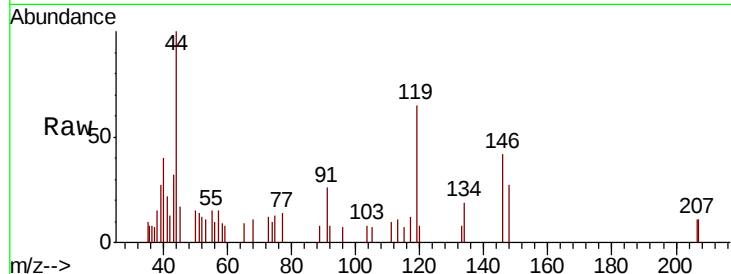




#86
 p-Isopropyltoluene
 Concen: 0.251 ug/l
 RT: 13.30 min Scan# 3584
 Delta R.T. 0.01 min
 Lab File: VN057444.D
 Acq: 22 Aug 2019 20:25

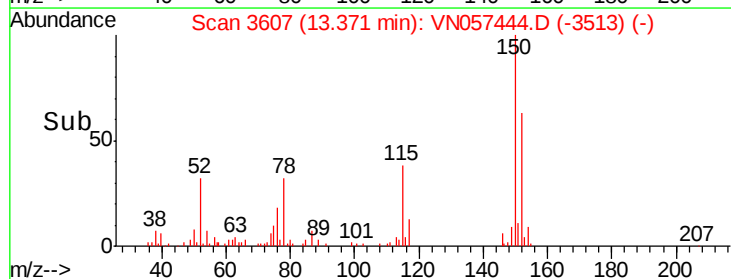
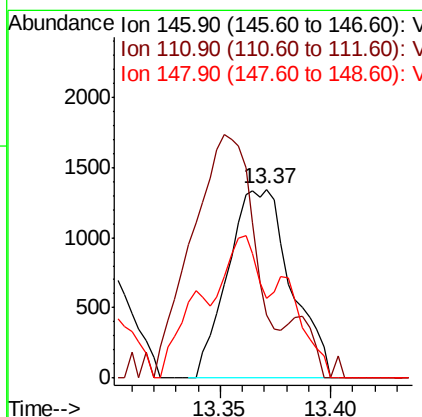
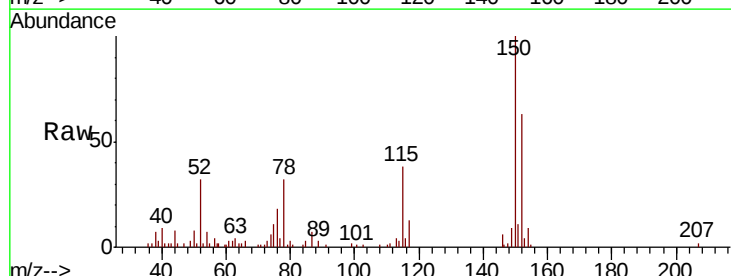
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0822WBL01

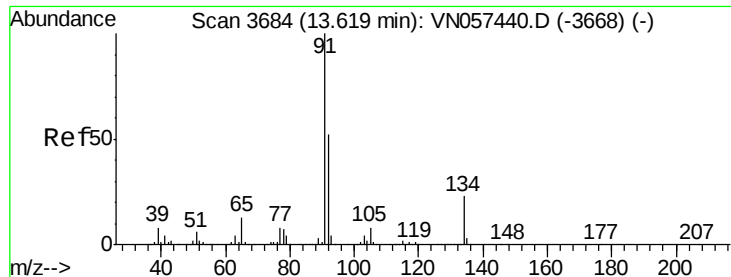
Tgt Ion:119 Resp: 3326
 Ion Ratio Lower Upper
 119 100
 134 23.5 12.7 38.1
 91 32.0 13.9 41.6



#88
 1,4-Dichlorobenzene
 Concen: 0.498 ug/l
 RT: 13.37 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN057444.D
 Acq: 22 Aug 2019 20:25

Tgt Ion:146 Resp: 2667
 Ion Ratio Lower Upper
 146 100
 111 130.1 21.9 65.5#
 148 23.3 31.1 93.2#





#89

n-Butylbenzene

Concen: 0.462 ug/l

RT: 13.62 min Scan# 3684

Delta R.T. -0.00 min

Lab File: VN057444.D

Acq: 22 Aug 2019 20:25

Instrument :

MSVOA_N

ClientSampleId :

VN0822WBL01

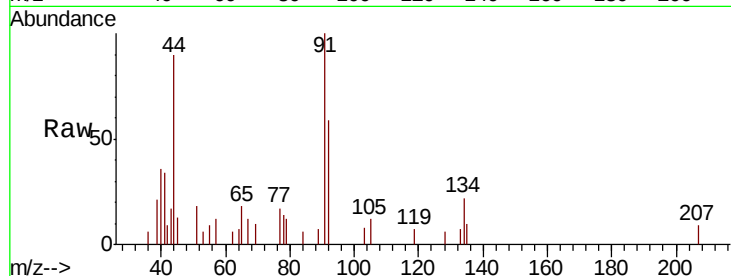
Tgt Ion: 91 Resp: 5180

Ion Ratio Lower Upper

91 100

92 50.0 25.7 77.0

134 13.2 11.4 34.1

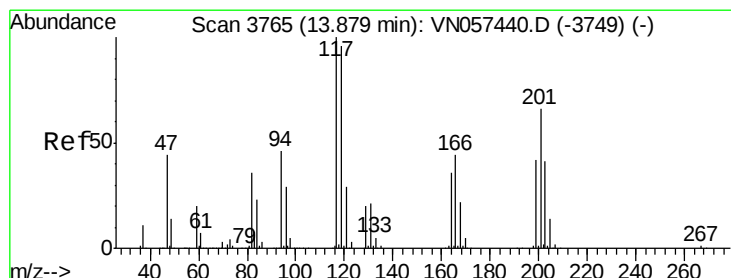
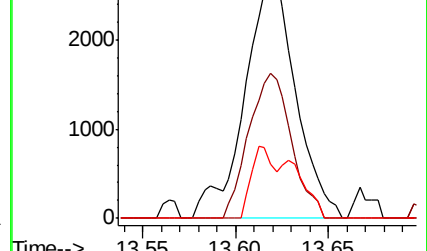
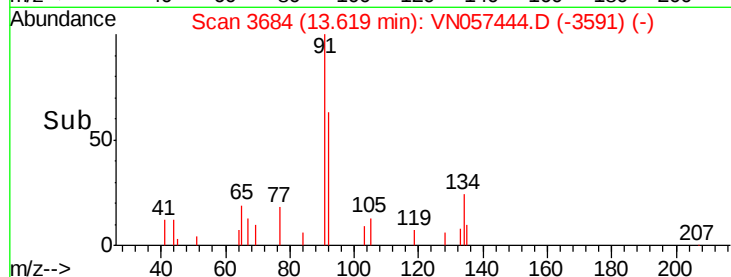


Abundance Ion 91.00 (90.70 to 91.70): VN057440.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN057440.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN057440.D (-3668) (-)

Time-->



#90

Hexachloroethane

Concen: Below Cal

RT: 13.89 min Scan# 3768

Delta R.T. 0.01 min

Lab File: VN057444.D

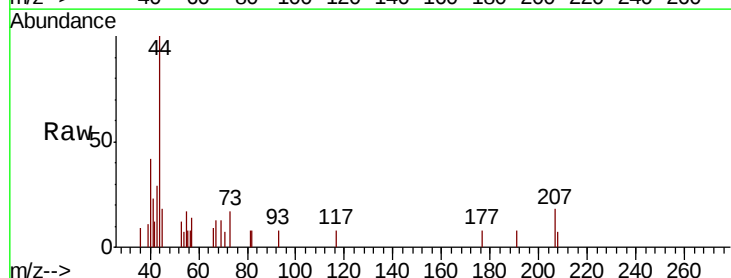
Acq: 22 Aug 2019 20:25

Tgt Ion: 117 Resp: 63

Ion Ratio Lower Upper

117 100

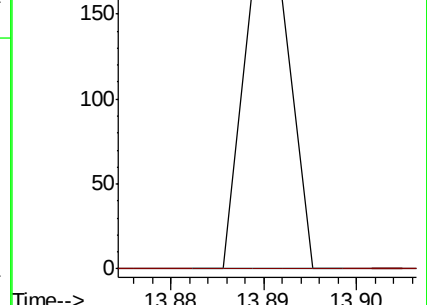
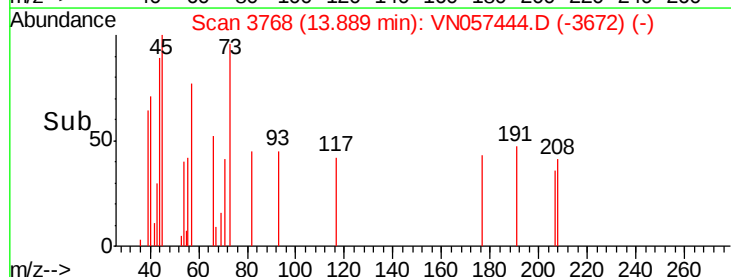
201 0.0 33.1 99.3#

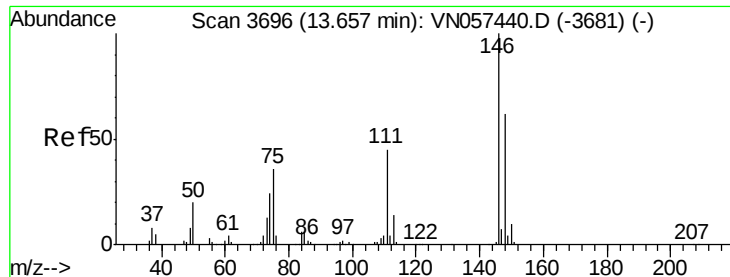


Abundance Ion 116.80 (116.50 to 117.50): VN057440.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN057440.D (-3749) (-)

Time-->





#91

1,2-Dichlorobenzene

Concen: 0.421 ug/l

RT: 13.67 min Scan# 3699

Delta R.T. 0.01 min

Lab File: VN057444.D

Acq: 22 Aug 2019 20:25

Instrument :

MSVOA_N

ClientSampled :

VN0822WBL01

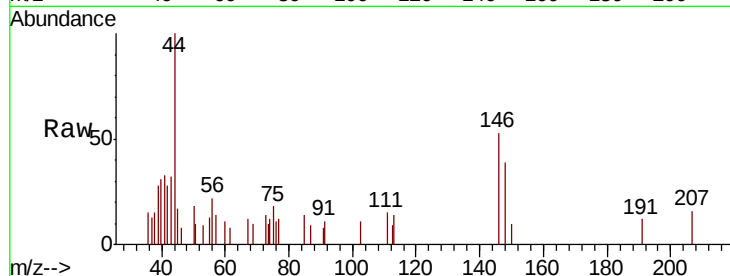
Tgt Ion:146 Resp: 2198

Ion Ratio Lower Upper

146 100

111 29.5 23.1 69.2

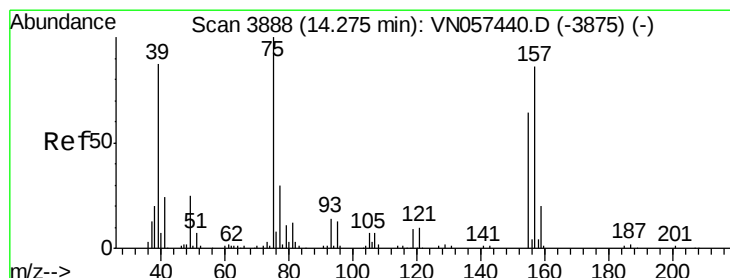
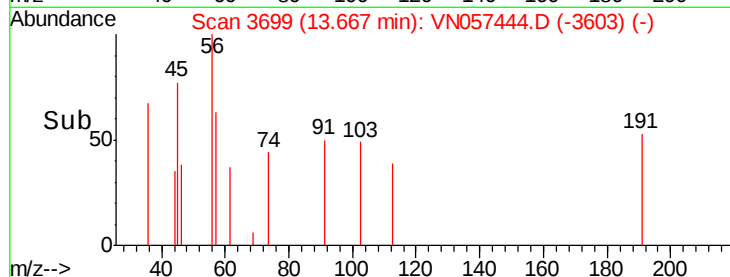
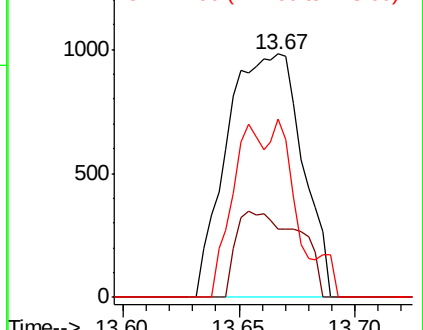
148 30.3 31.8 95.4#



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.20 min Scan# 3865

Delta R.T. -0.07 min

Lab File: VN057444.D

Acq: 22 Aug 2019 20:25

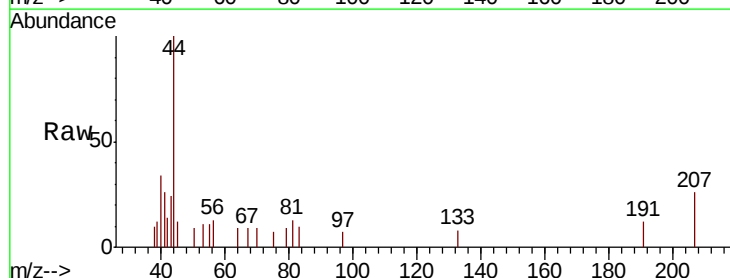
Tgt Ion: 75 Resp: 30

Ion Ratio Lower Upper

75 100

155 0.0 31.6 94.7#

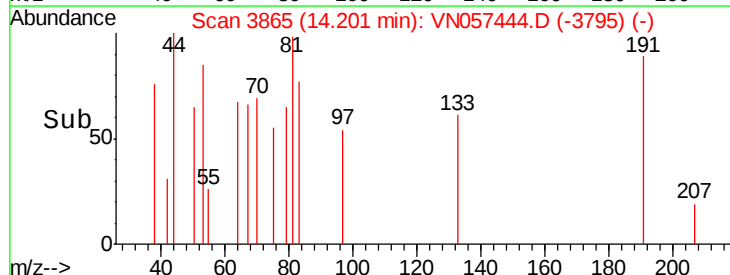
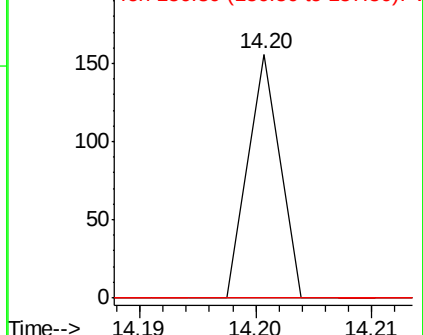
157 0.0 43.3 129.8#

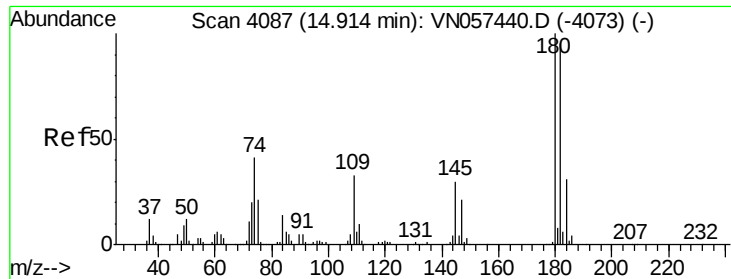


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

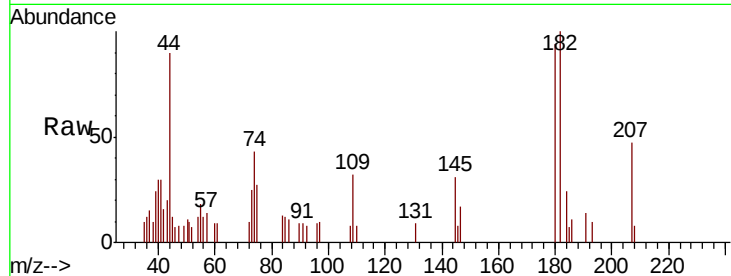




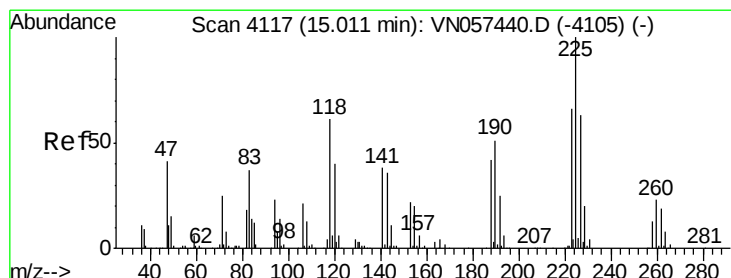
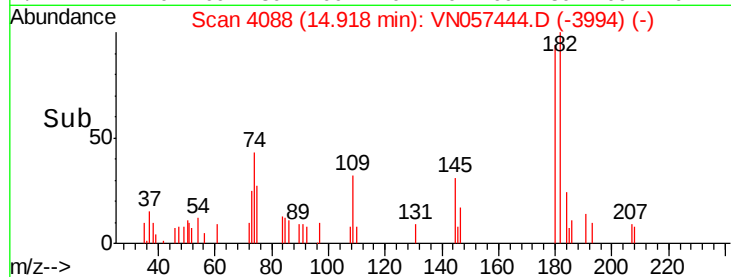
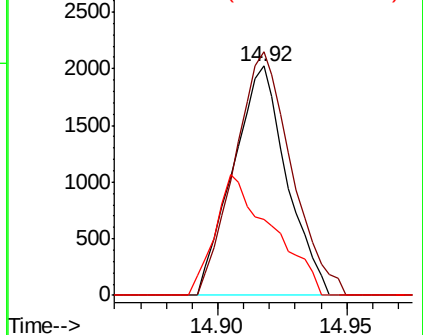
#93
 1,2,4-Trichlorobenzene
 Concen: 6.613 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN057444.D
 Acq: 22 Aug 2019 20:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0822WBL01

Tgt Ion:180 Resp: 2939
 Ion Ratio Lower Upper
 180 100
 182 112.1 46.7 140.1
 145 55.4 15.6 46.8#

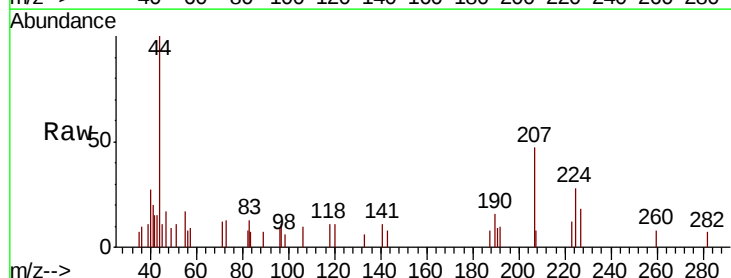


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

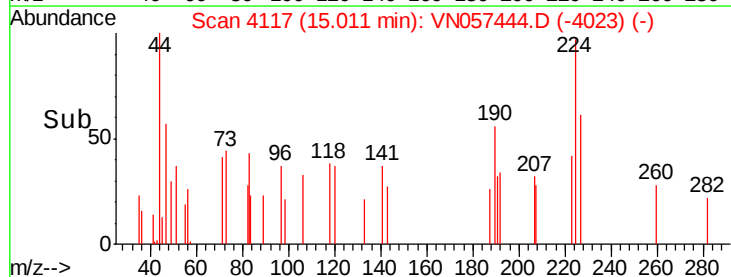
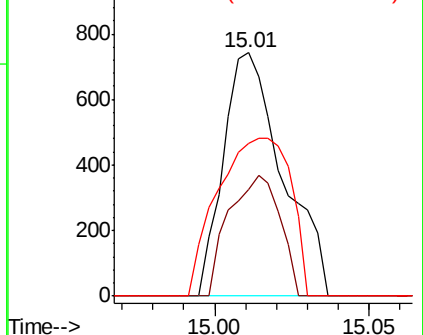


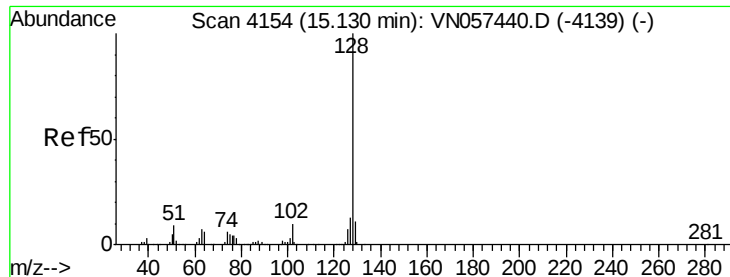
#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN057444.D
 Acq: 22 Aug 2019 20:25

Tgt Ion:225 Resp: 995
 Ion Ratio Lower Upper
 225 100
 223 42.5 32.0 96.2
 227 79.4 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: 5.280 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN057444.D

Acq: 22 Aug 2019 20:25

Instrument :

MSVOA_N

ClientSampleId :

VN0822WBL01

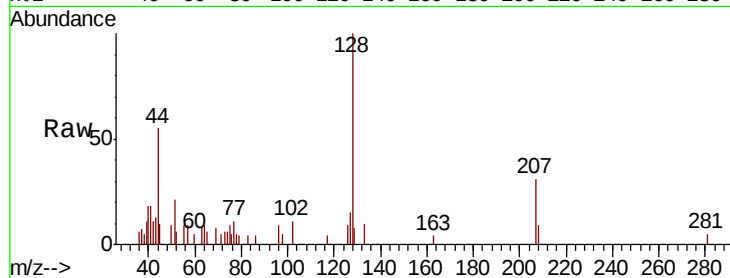
Tgt Ion:128 Resp: 6939

Ion Ratio Lower Upper

128 100

127 14.3 10.5 15.7

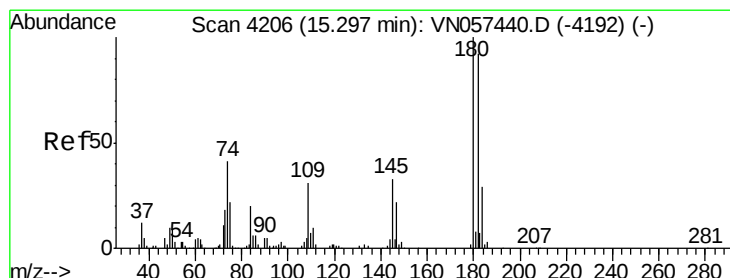
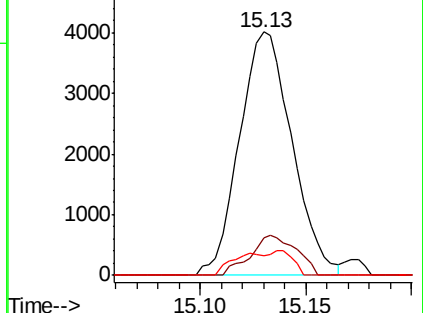
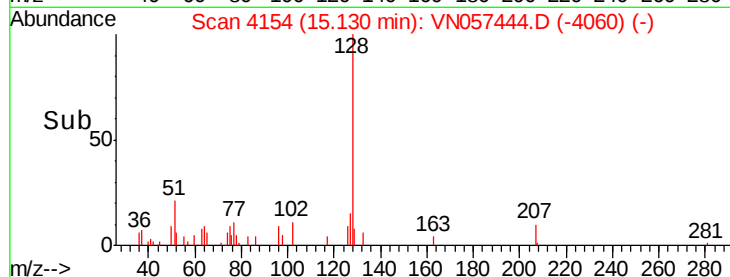
129 5.6 8.6 13.0#



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: 6.653 ug/l

RT: 15.30 min Scan# 4206

Delta R.T. 0.00 min

Lab File: VN057444.D

Acq: 22 Aug 2019 20:25

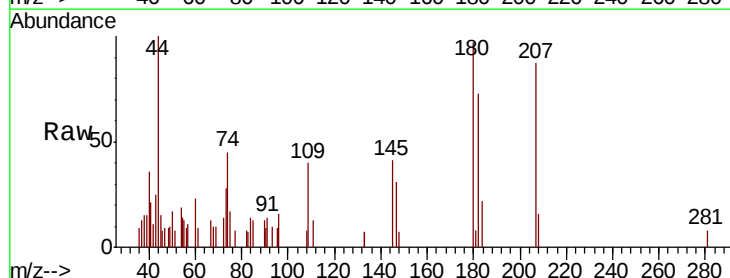
Tgt Ion:180 Resp: 3618

Ion Ratio Lower Upper

180 100

182 81.6 46.7 140.1

145 35.3 16.8 50.3



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

