

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082619\
 Data File : VN057507.D
 Acq On : 26 Aug 2019 13:19
 Operator : JC/SP
 Sample : K4475-15
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T1-2-E-(0)

Quant Time: Aug 27 07:13:06 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	405381	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	705545	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	598213	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	143789	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	347565	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	
35) Dibromofluoromethane	7.57	113	224350	47.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.16%	
50) Toluene-d8	10.08	98	909865	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	
62) 4-Bromofluorobenzene	12.40	95	240896	39.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.90%	

Target Compounds					Qvalue
5) Bromomethane	2.57	94	3083	0.602 ug/l	84
8) Diethyl Ether	3.39	74	486	Below Cal	76
9) 1,1,2-Trichlorotrifluoroet	3.73	101	213	Below Cal #	40
13) Acrolein	3.58	56	504	0.647 ug/l #	77
16) Acetone	3.79	43	33324	10.176 ug/l	90
18) Methyl Acetate	4.31	43	9933	0.460 ug/l #	85
20) Methylene Chloride	4.52	84	19222	3.890 ug/l	94
31) Cyclohexane	7.64	56	12907	1.288 ug/l #	33
36) 1,1-Dichloropropene	7.65	75	40215	5.578 ug/l #	46
38) Carbon Tetrachloride	7.65	117	44359	6.194 ug/l #	16
43) Isopropyl Acetate	8.16	43	102168	7.822 ug/l	99
46) Dibromomethane	9.19	93	30	Below Cal #	10
48) Methyl methacrylate	9.17	41	5569	0.897 ug/l #	15
49) 1,4-Dioxane	9.26	88	93	1.158 ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	7001	0.962 ug/l	94
54) cis-1,3-Dichloropropene	9.90	75	41825	4.461 ug/l #	61
57) 1,3-Dichloropropane	10.76	76	6417	0.731 ug/l #	44
58) 2-Chloroethyl Vinyl ether	9.72	63	107	17.110 ug/l #	52
59) 2-Hexanone	10.76	43	107377	21.505 ug/l #	55
73) Isopropylbenzene	12.26	105	103	Below Cal #	50
74) N-amyl acetate	12.06	43	1848	Below Cal #	54
75) 1,1,2,2-Tetrachloroethane	12.40	83	352	Below Cal #	1
76) 1,2,3-Trichloropropane	12.40	75	143771	44.783 ug/l #	100
77) Bromobenzene	12.40	156	124	Below Cal #	1
78) n-propylbenzene	12.59	91	408	Below Cal	88
79) 2-Chlorotoluene	12.68	91	60	Below Cal #	44
80) 1,3,5-Trimethylbenzene	12.73	105	608	Below Cal	98
81) trans-1,4-Dichloro-2-buten	12.40	75	143771	114.826 ug/l #	9
82) 4-Chlorotoluene	12.78	91	241	Below Cal #	45
83) tert-Butylbenzene	12.96	119	33	Below Cal #	22
85) sec-Butylbenzene	13.17	105	330	Below Cal #	58
90) Hexachloroethane	13.82	117	29	Below Cal #	17
92) 1,2-Dibromo-3-Chloropropan	14.19	75	63	Below Cal #	11
93) 1,2,4-Trichlorobenzene	14.91	180	70	5.407 ug/l #	1

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T1-2-E-(0)

Quant Time: Aug 27 07:13:06 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

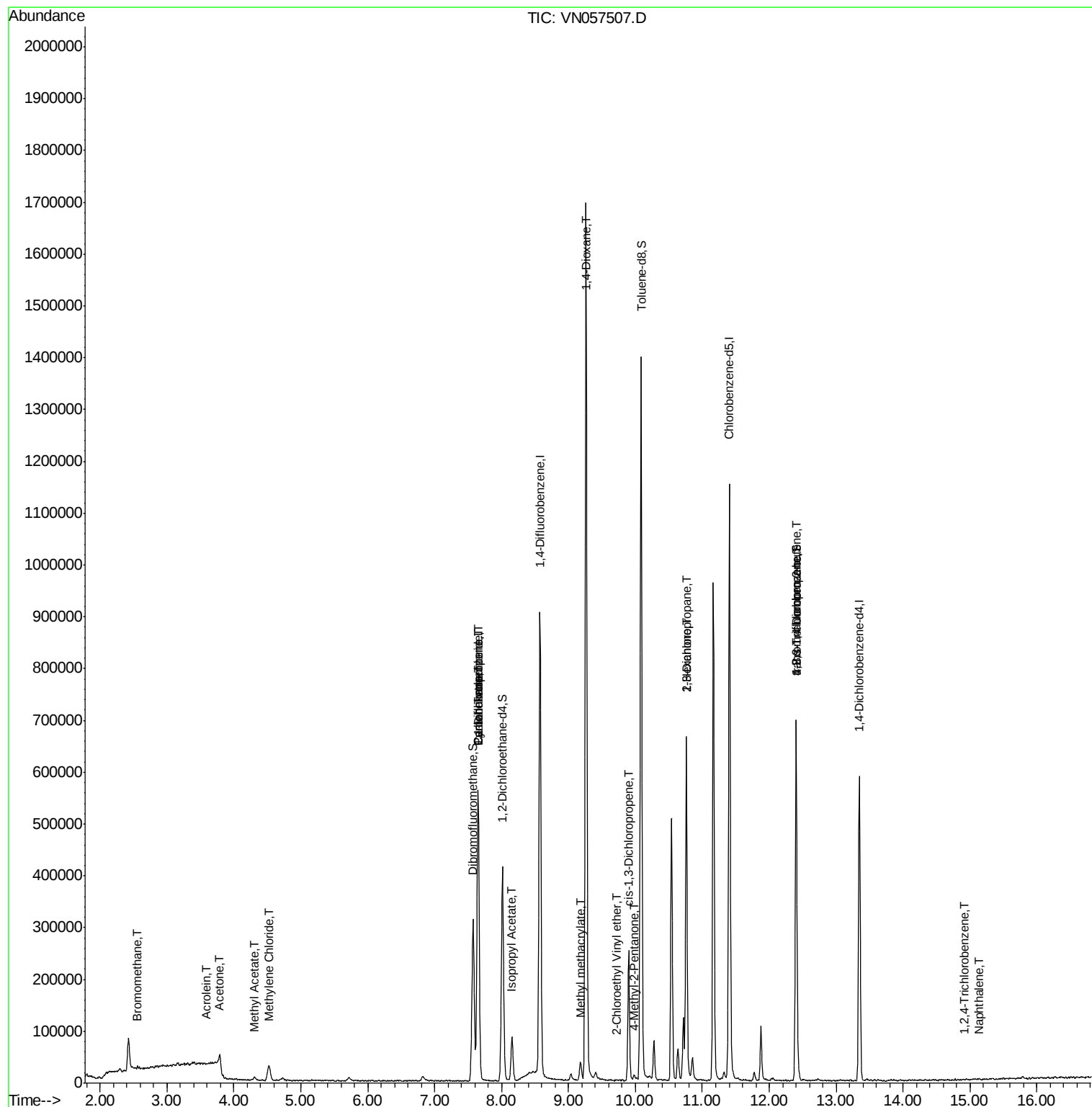
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.13	128	667	4.446	ug/l #	82

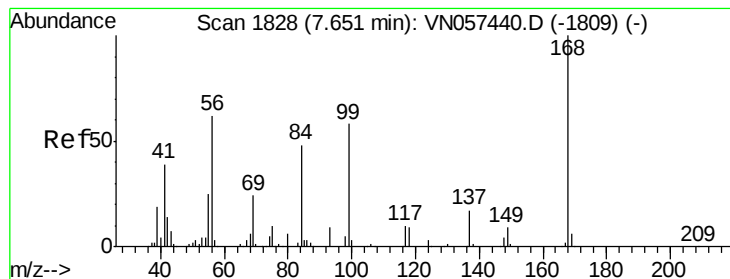
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN082619\
Data File : VN057507.D
Acq On : 26 Aug 2019 13:19
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Sample : K4475-15
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
T1-2-E-(0)

Quant Time: Aug 27 06:53:25 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N082219W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 23 05:07:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN057507.D

Acq: 26 Aug 2019 13:19

Instrument :

MSVOA_N

ClientSampleId :

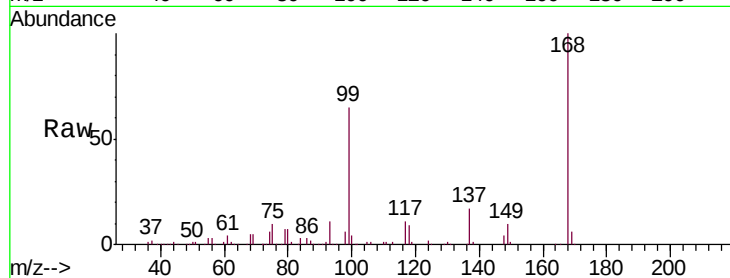
T1-2-E(0)

Tgt Ion:168 Resp: 405381

Ion Ratio Lower Upper

168 100

99 65.1 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.65

200000

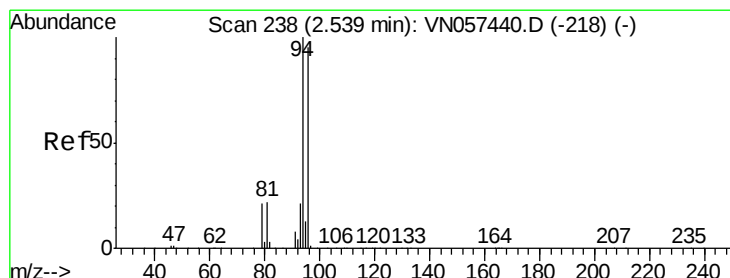
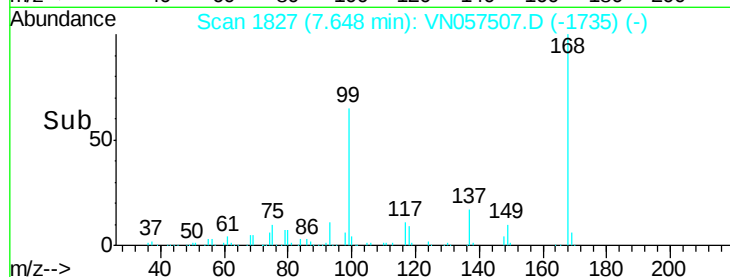
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: 0.602 ug/l

RT: 2.57 min Scan# 247

Delta R.T. 0.03 min

Lab File: VN057507.D

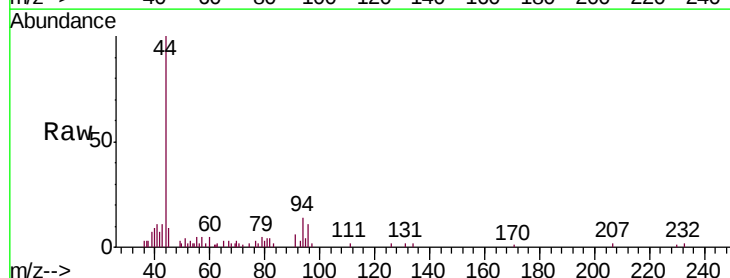
Acq: 26 Aug 2019 13:19

Tgt Ion: 94 Resp: 3083

Ion Ratio Lower Upper

94 100

96 79.3 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.57

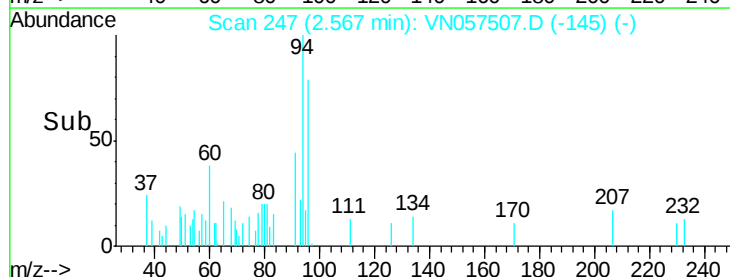
1500

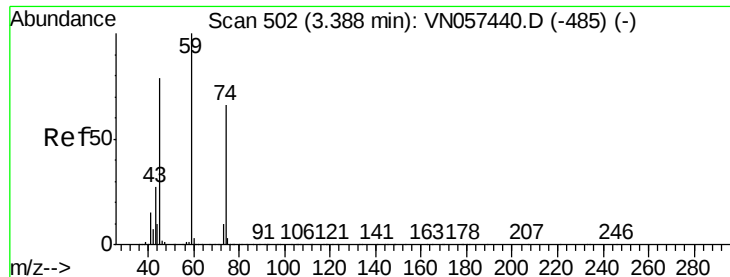
1000

500

0

Time-->





#8

Diethyl Ether

Concen: Below Cal

RT: 3.39 min Scan# 502

Delta R.T. 0.00 min

Lab File: VN057507.D

Acq: 26 Aug 2019 13:19

Instrument :

MSVOA_N

ClientSampleId :

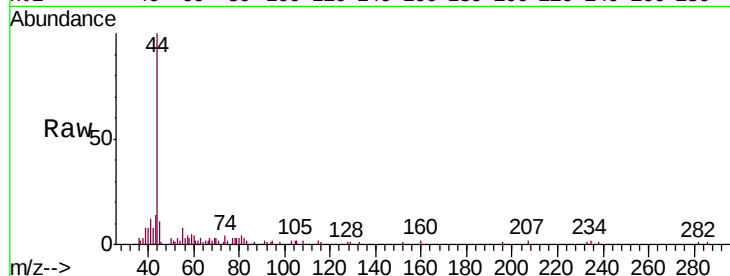
T1-2-E(0)

Tgt Ion: 74 Resp: 486

Ion Ratio Lower Upper

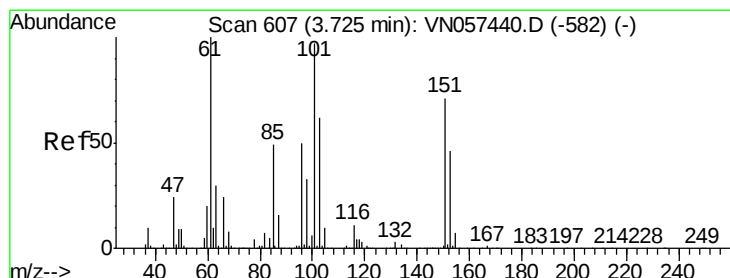
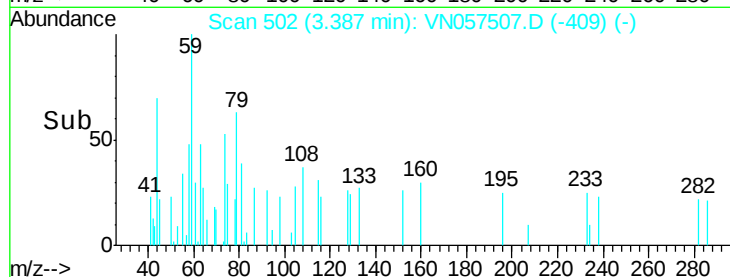
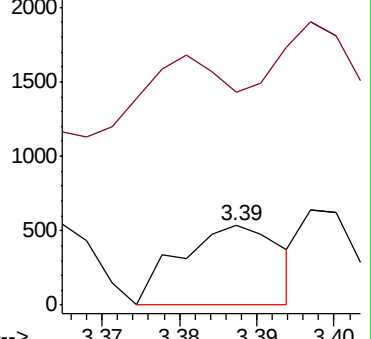
74 100

45 141.4 57.9 173.6



Abundance Ion 74.00 (73.70 to 74.70): VN057507.D (-409) (-)

Ion 45.00 (44.70 to 45.70): VN057507.D (-409) (-)



#9

1,1,2-Trichlorotrifluoroethane

Concen: Below Cal

RT: 3.73 min Scan# 608

Delta R.T. 0.00 min

Lab File: VN057507.D

Acq: 26 Aug 2019 13:19

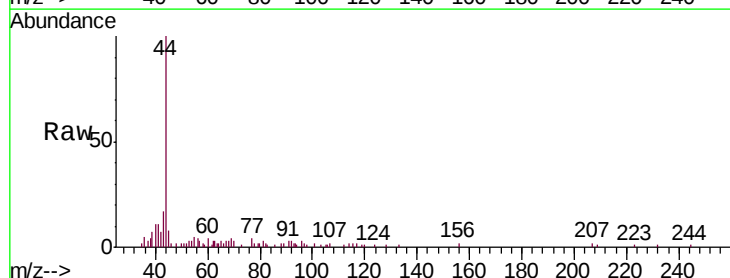
Tgt Ion: 101 Resp: 213

Ion Ratio Lower Upper

101 100

85 34.3 40.0 60.0#

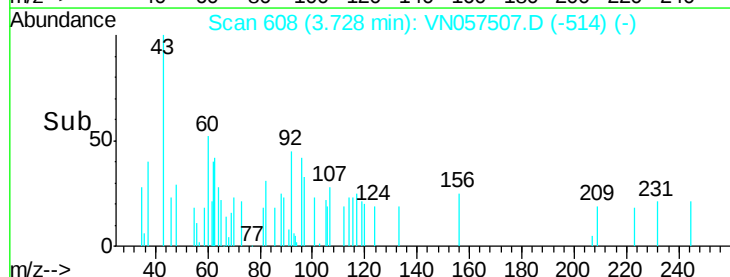
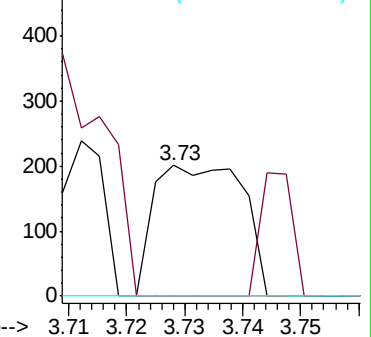
151 0.0 57.0 85.6#

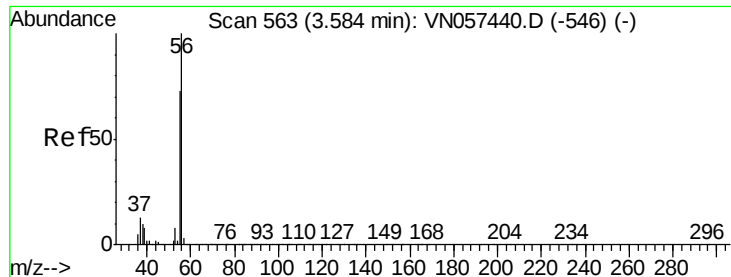


Abundance Ion 100.90 (100.60 to 101.60): VN057507.D (-514) (-)

Ion 84.90 (84.60 to 85.60): VN057507.D (-514) (-)

Ion 150.80 (150.50 to 151.50): VN057507.D (-514) (-)





#13

Acrolein

Concen: 0.647 ug/l

RT: 3.58 min Scan# 561

Delta R.T. -0.01 min

Lab File: VN057507.D

Acq: 26 Aug 2019 13:19

Instrument :

MSVOA_N

ClientSampleId :

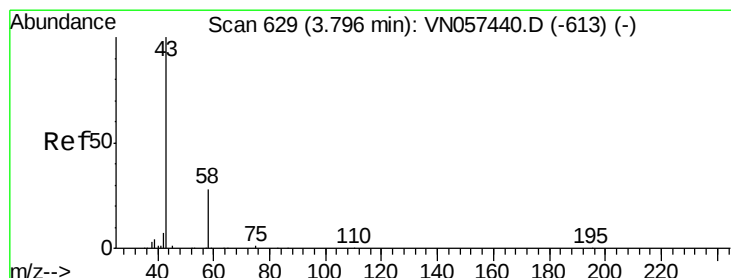
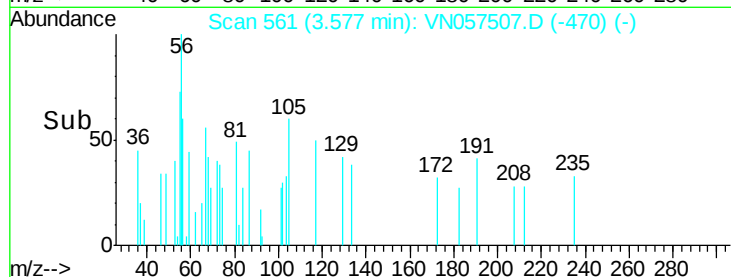
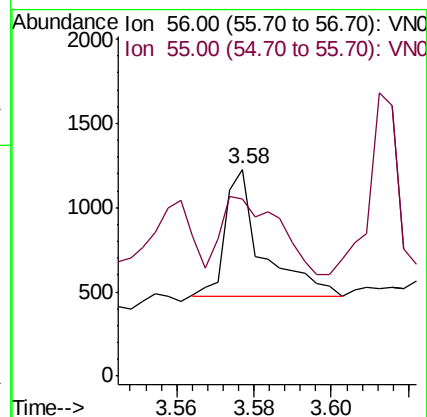
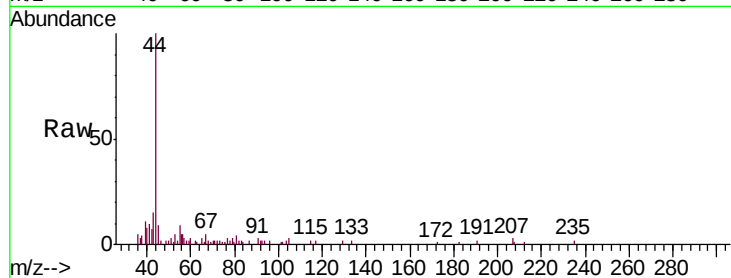
T1-2-E(-0)

Tgt Ion: 56 Resp: 504

Ion Ratio Lower Upper

56 100

55 93.1 59.0 88.4#



#16

Acetone

Concen: 10.176 ug/l

RT: 3.79 min Scan# 628

Delta R.T. -0.00 min

Lab File: VN057507.D

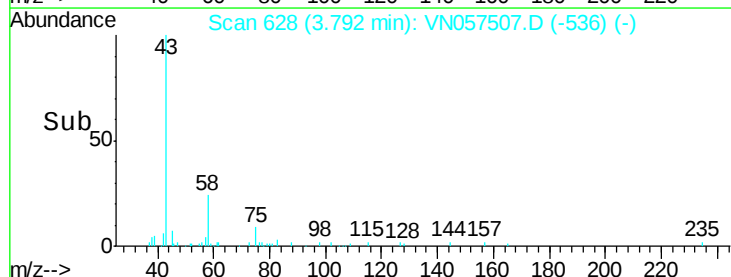
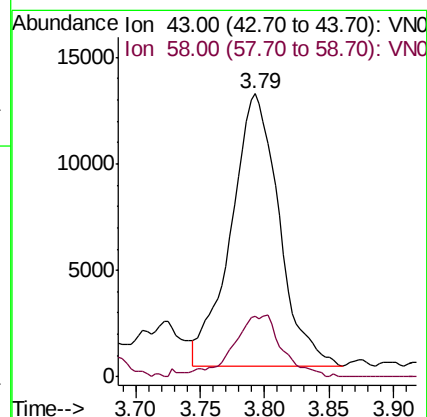
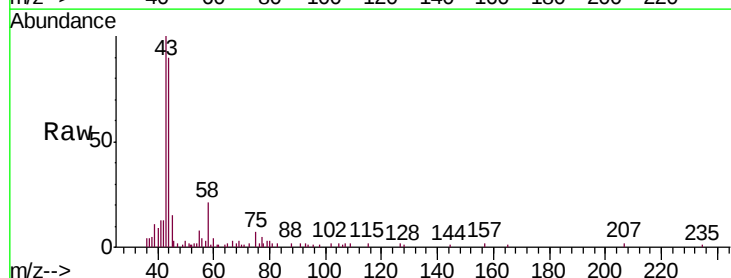
Acq: 26 Aug 2019 13:19

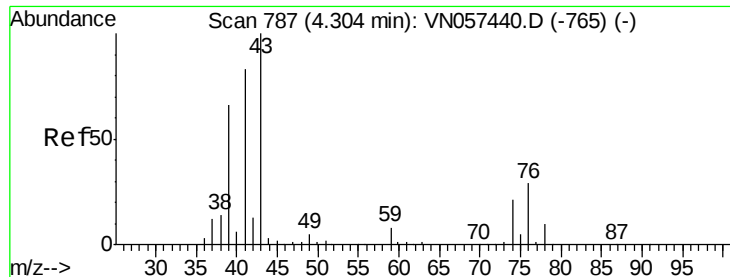
Tgt Ion: 43 Resp: 33324

Ion Ratio Lower Upper

43 100

58 22.3 22.1 33.1

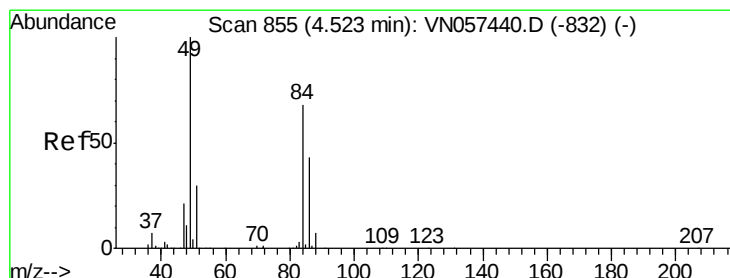
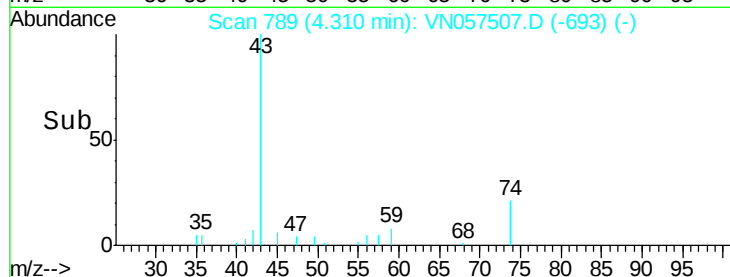
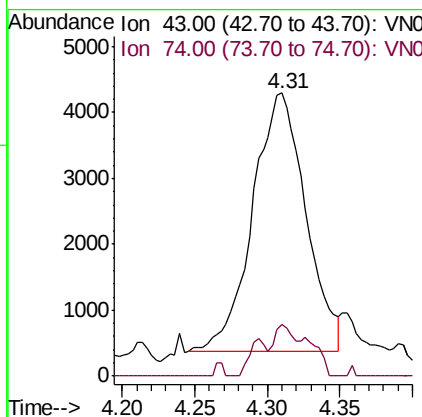
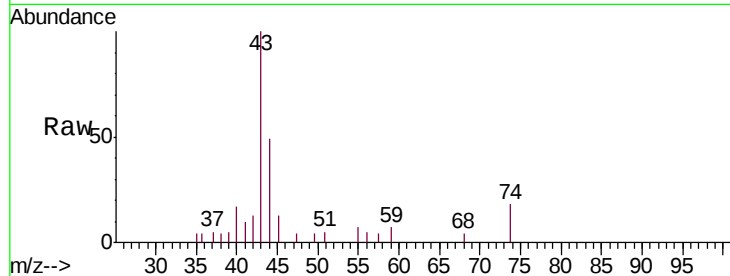




#18
Methyl Acetate
Concen: 0.460 ug/l
RT: 4.31 min Scan# 789
Delta R.T. 0.01 min
Lab File: VN057507.D
Acq: 26 Aug 2019 13:19

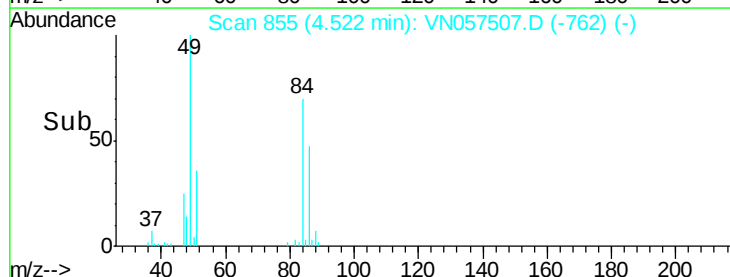
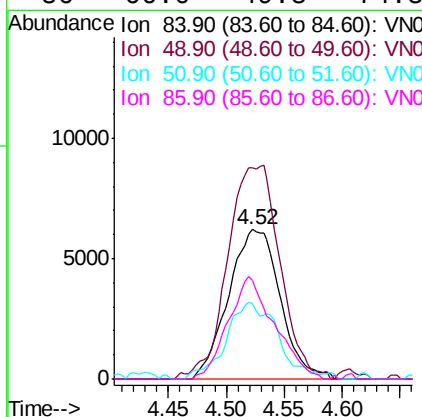
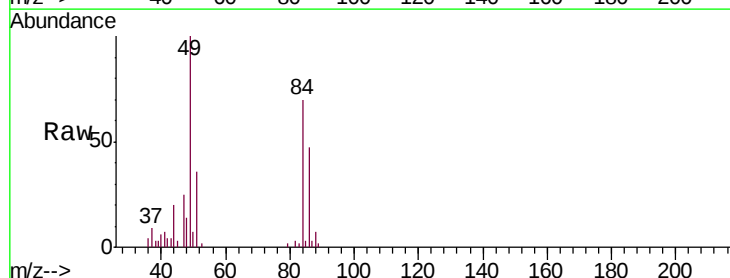
Instrument :
MSVOA_N
ClientSampleId :
T1-2-E-(0)

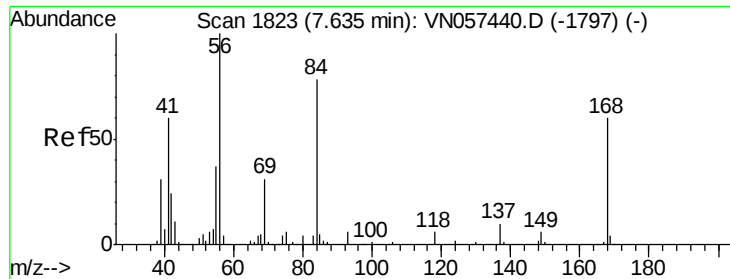
Tgt Ion: 43 Resp: 9933
Ion Ratio Lower Upper
43 100
74 12.9 15.9 23.9#



#20
Methylene Chloride
Concen: 3.890 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN057507.D
Acq: 26 Aug 2019 13:19

Tgt Ion: 84 Resp: 19222
Ion Ratio Lower Upper
84 100
49 138.8 117.0 175.4
51 50.7 35.5 53.3
86 66.0 49.8 74.8

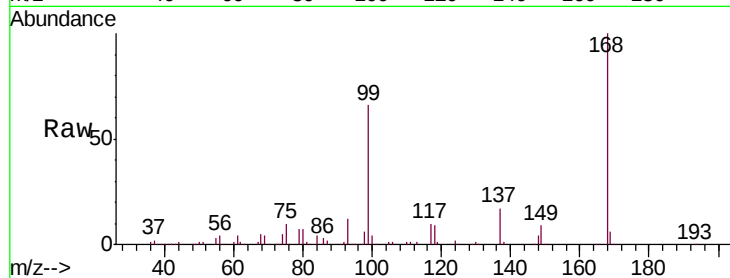




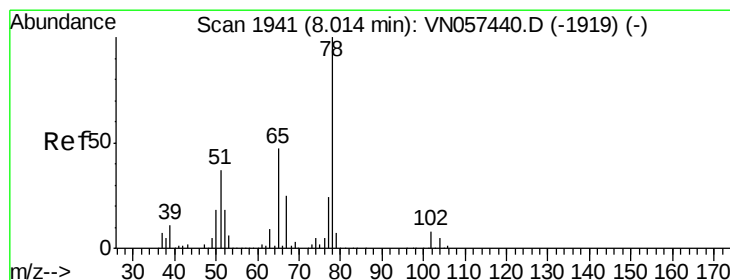
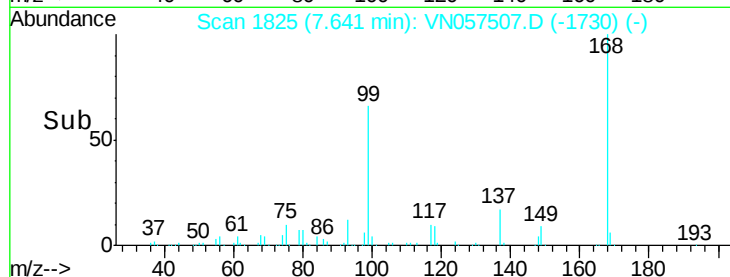
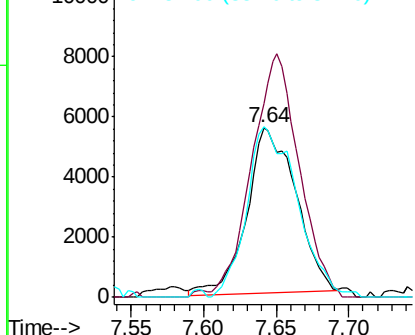
#31
Cyclohexane
Concen: 1.288 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. 0.01 min
Lab File: VN057507.D
Acq: 26 Aug 2019 13:19

Instrument :
MSVOA_N
ClientSampled :
T1-2-E-(0)

Tgt Ion: 56 Resp: 12907
Ion Ratio Lower Upper
56 100
69 118.9 25.0 37.6#
84 104.8 62.5 93.7#

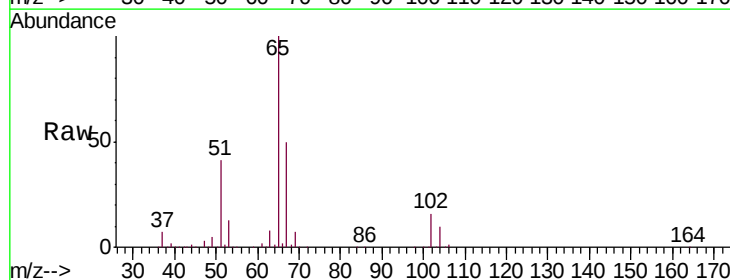


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

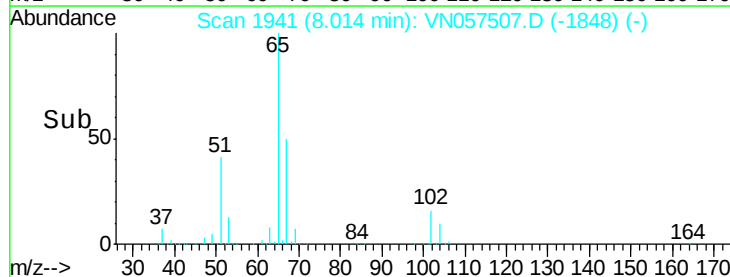
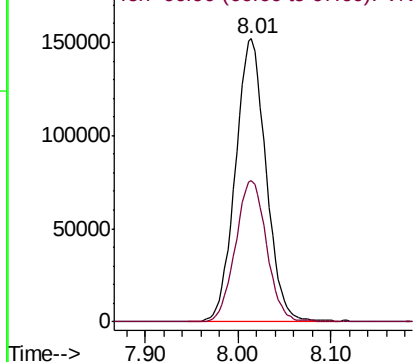


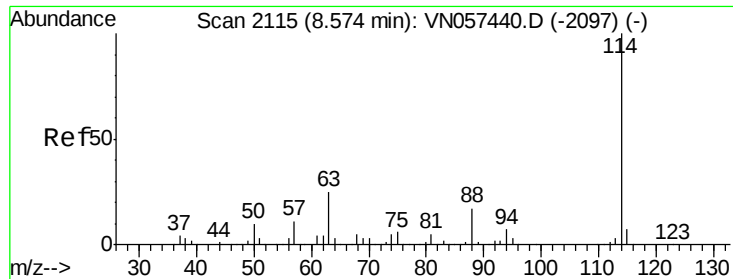
#33
1,2-Dichloroethane-d4
Concen: 48.739 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VN057507.D
Acq: 26 Aug 2019 13:19

Tgt Ion: 65 Resp: 347565
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

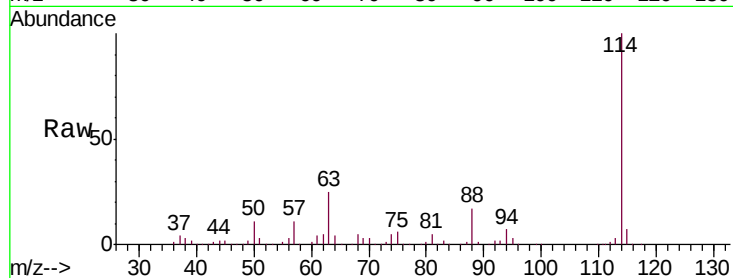




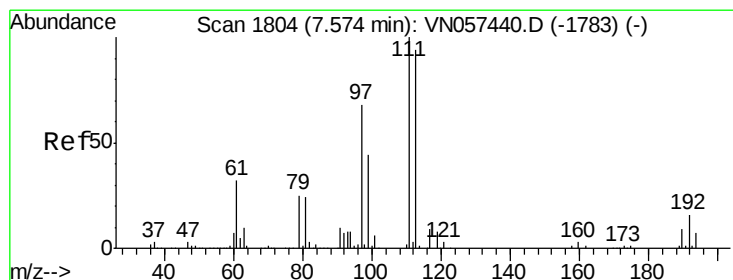
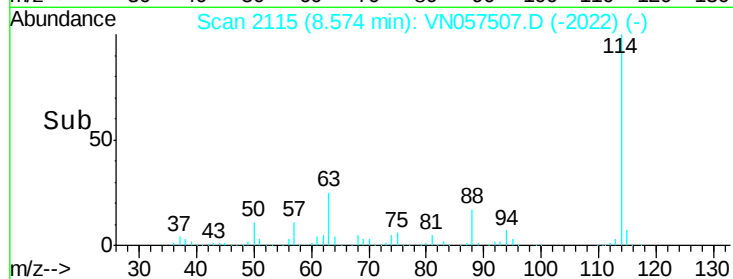
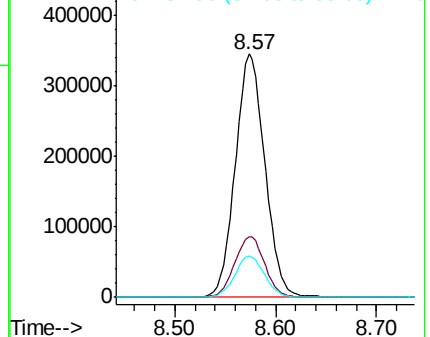
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2115
Delta R.T. -0.00 min
Lab File: VN057507.D
Acq: 26 Aug 2019 13:19

Instrument :
MSVOA_N
ClientSampleId :
T1-2-E(0)

Tgt Ion:114 Resp: 705545
Ion Ratio Lower Upper
114 100
63 24.9 0.0 50.2
88 16.9 0.0 34.6

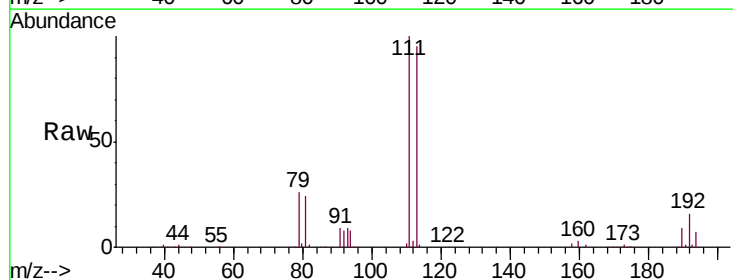


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

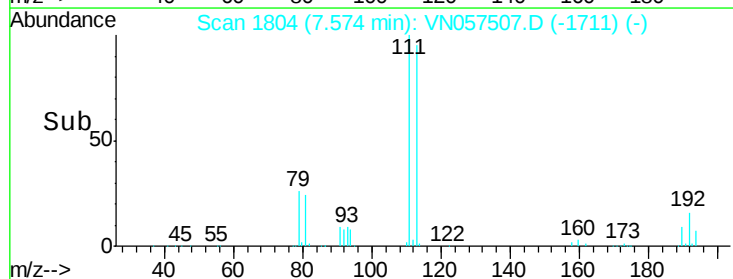
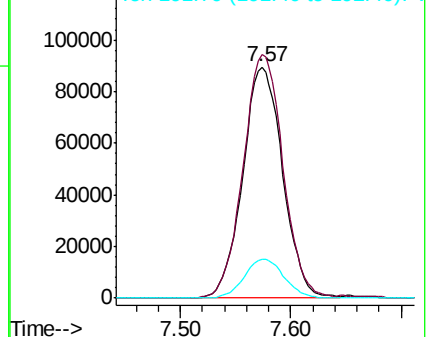


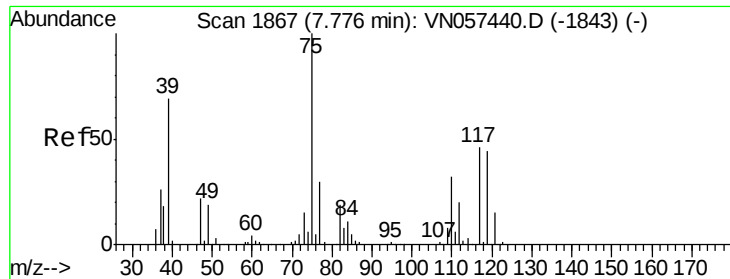
#35
Dibromofluoromethane
Concen: 47.076 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VN057507.D
Acq: 26 Aug 2019 13:19

Tgt Ion:113 Resp: 224350
Ion Ratio Lower Upper
113 100
111 105.3 83.8 125.6
192 16.9 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

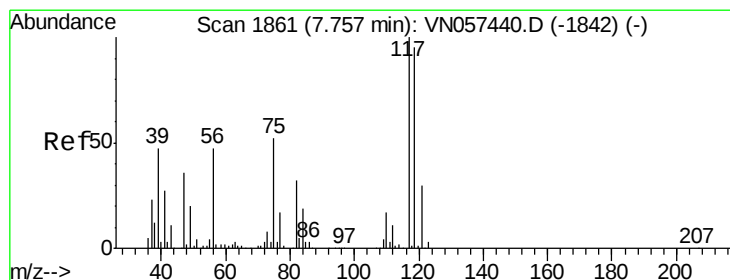
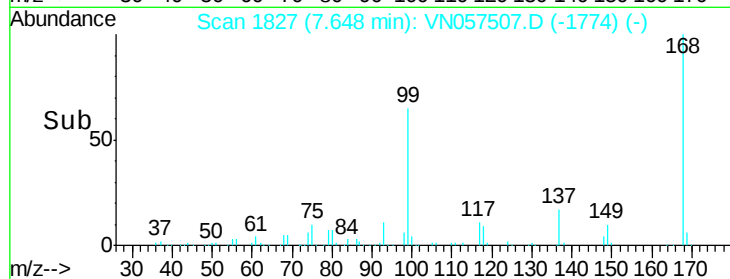
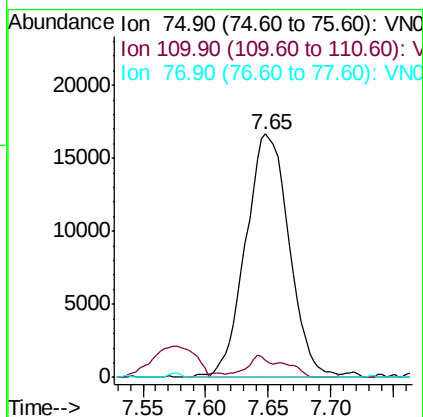
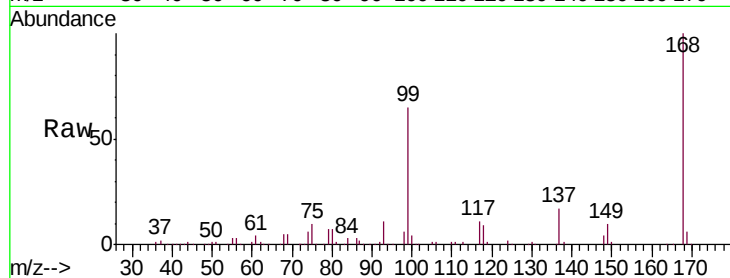




#36
 1,1-Dichloropropene
 Concen: 5.578 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.13 min
 Lab File: VN057507.D
 Acq: 26 Aug 2019 13:19

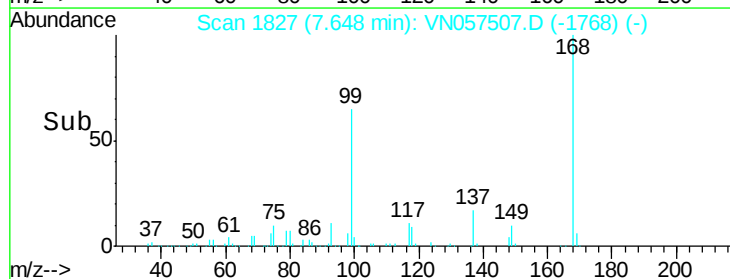
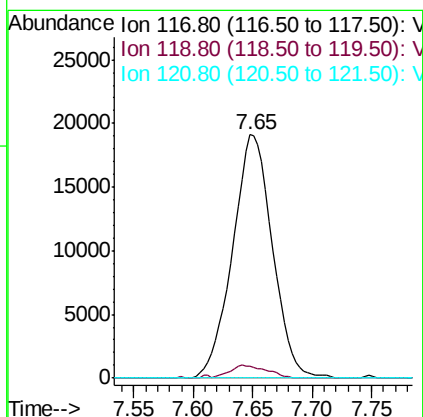
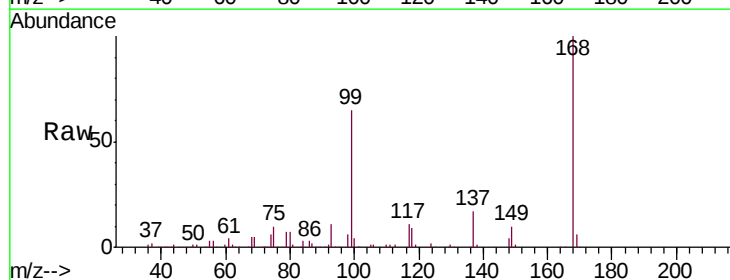
Instrument :
 MSVOA_N
 ClientSampleId :
 T1-2-E-(0)

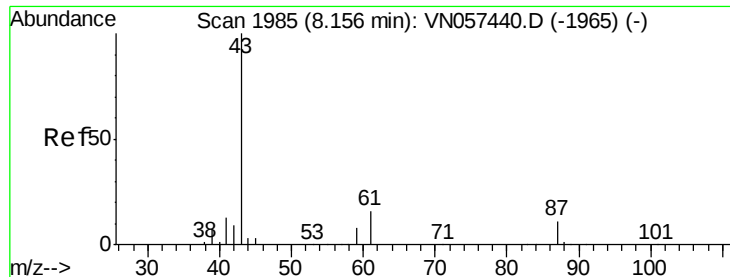
Tgt Ion: 75 Resp: 40215
 Ion Ratio Lower Upper
 75 100
 110 3.4 16.1 48.3#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 6.194 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.11 min
 Lab File: VN057507.D
 Acq: 26 Aug 2019 13:19

Tgt Ion: 117 Resp: 44359
 Ion Ratio Lower Upper
 117 100
 119 4.7 76.2 114.4#
 121 0.0 23.8 35.6#





#43

Isopropyl Acetate

Concen: 7.822 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN057507.D

Acq: 26 Aug 2019 13:19

Instrument :

MSVOA_N

ClientSampleId :

T1-2-E-(0)

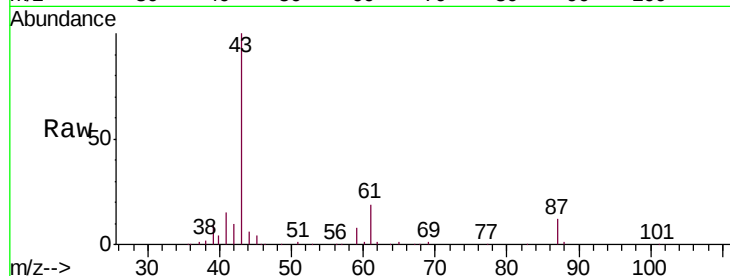
Tgt Ion: 43 Resp: 102168

Ion Ratio Lower Upper

43 100

61 18.7 14.5 21.7

87 11.1 8.6 12.8

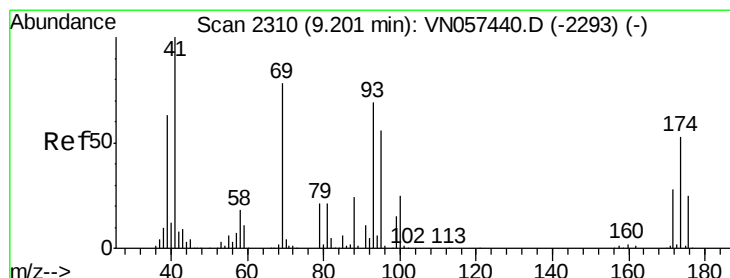
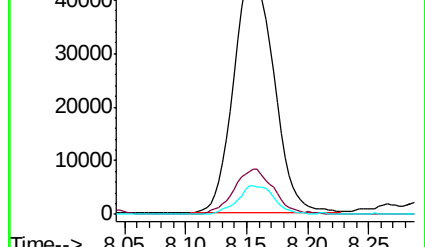
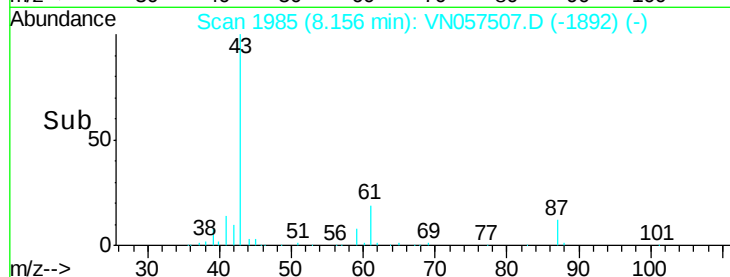


Abundance Ion 43.00 (42.70 to 43.70): VN057507.D (-1892) (-)

Ion 61.00 (60.70 to 61.70): VN057507.D (-1892) (-)

Ion 87.00 (86.70 to 87.70): VN057507.D (-1892) (-)

Time-->



#46

Dibromomethane

Concen: Below Cal

RT: 9.19 min Scan# 2306

Delta R.T. -0.01 min

Lab File: VN057507.D

Acq: 26 Aug 2019 13:19

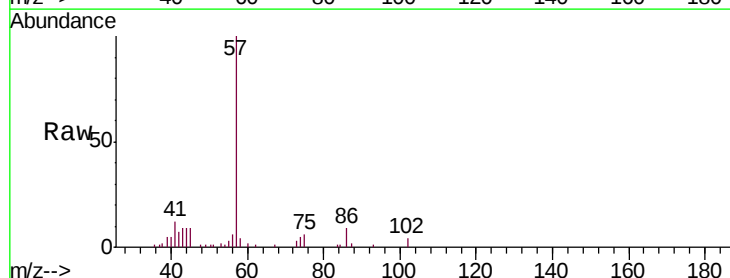
Tgt Ion: 93 Resp: 30

Ion Ratio Lower Upper

93 100

95 0.0 64.7 97.1#

174 0.0 62.3 93.5#

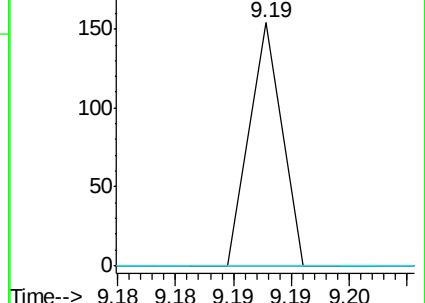
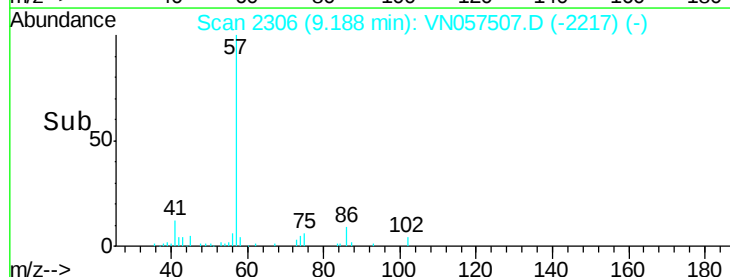


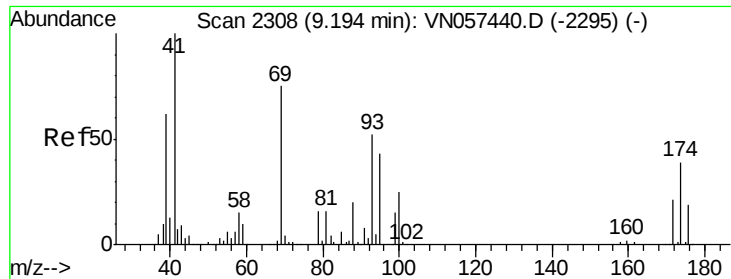
Abundance Ion 92.80 (92.50 to 93.50): VN057507.D (-2217) (-)

Ion 94.80 (94.50 to 95.50): VN057507.D (-2217) (-)

Ion 173.70 (173.40 to 174.40): VN057507.D (-2217) (-)

Time-->

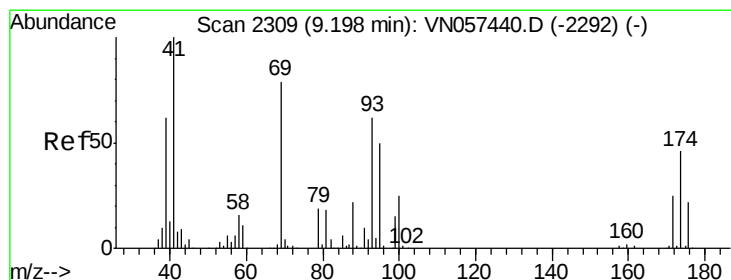
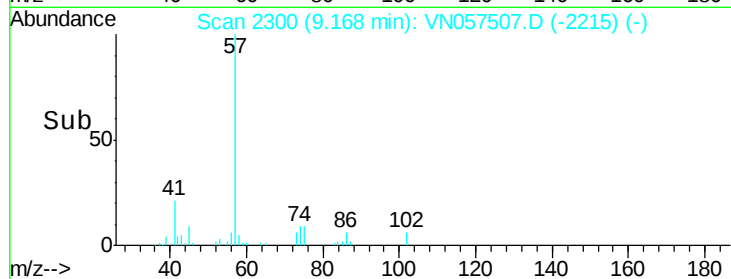
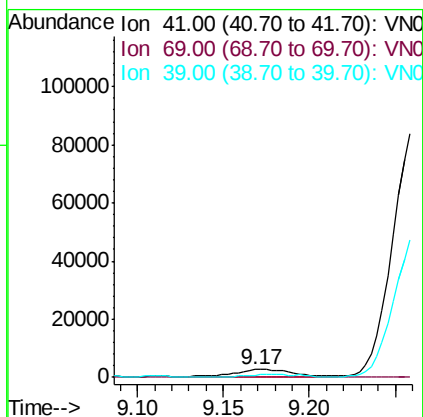
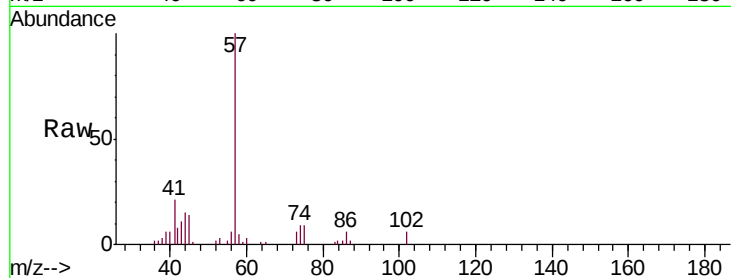




#48
Methyl methacrylate
Concen: 0.897 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. -0.03 min
Lab File: VN057507.D
Acq: 26 Aug 2019 13:19

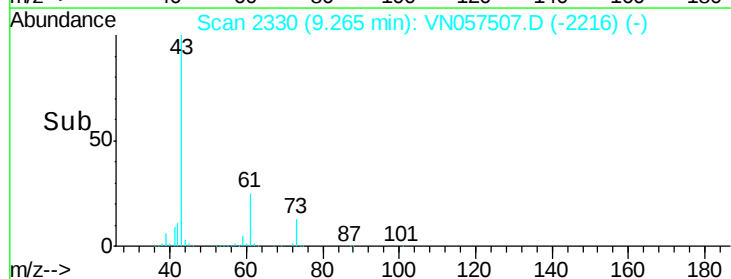
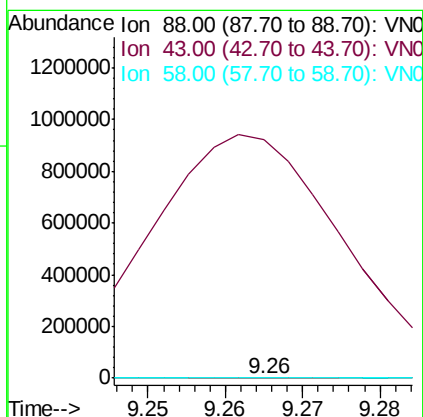
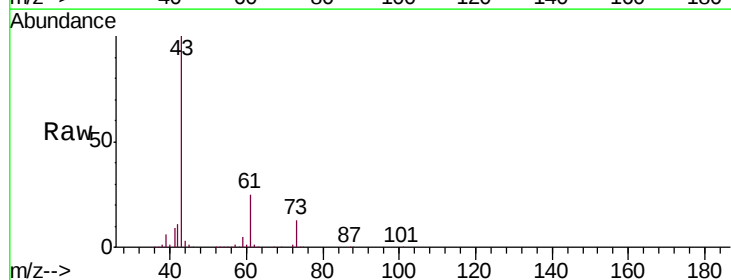
Instrument :
MSVOA_N
ClientSampled :
T1-2-E-(0)

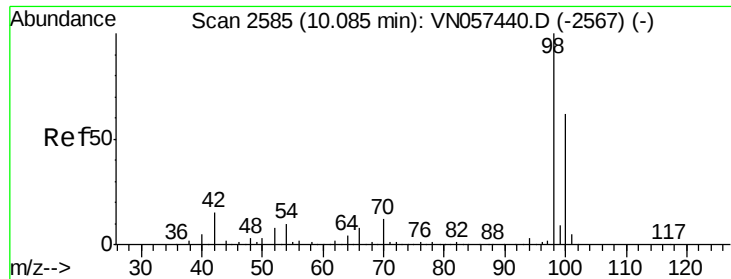
Tgt Ion: 41 Resp: 5569
Ion Ratio Lower Upper
41 100
69 0.0 59.3 88.9#
39 0.0 50.6 75.8#



#49
1,4-Dioxane
Concen: 1.158 ug/l
RT: 9.26 min Scan# 2330
Delta R.T. 0.07 min
Lab File: VN057507.D
Acq: 26 Aug 2019 13:19

Tgt Ion: 88 Resp: 93
Ion Ratio Lower Upper
88 100
43 1864525.8 31.0 46.6#
58 6393.5 64.5 96.7#





#50

Toluene-d8

Concen: 50.492 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057507.D

Acq: 26 Aug 2019 13:19

Instrument :

MSVOA_N

ClientSampled :

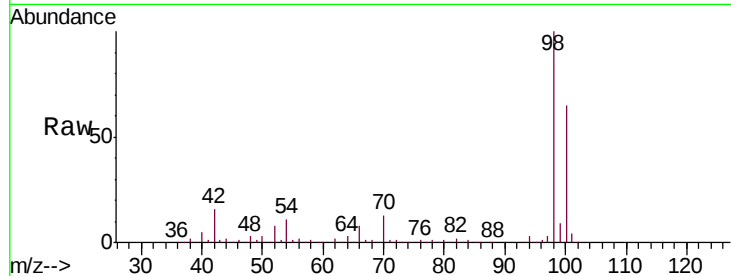
T1-2-E(0)

Tgt Ion: 98 Resp: 909865

Ion Ratio Lower Upper

98 100

100 64.3 50.4 75.6



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

Ion 100.00 (99.70 to 100.70): VN057440.D (-2567) (-)

10.08

500000

400000

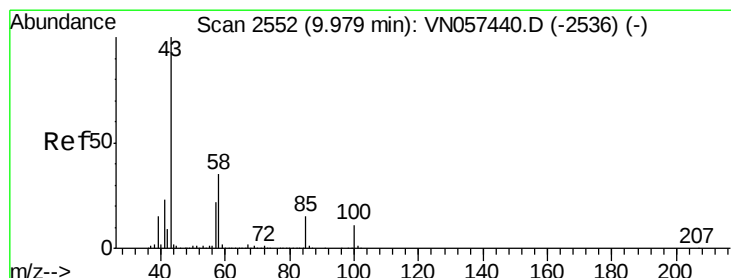
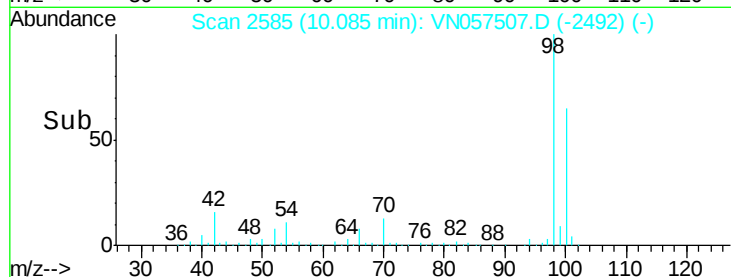
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.962 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN057507.D

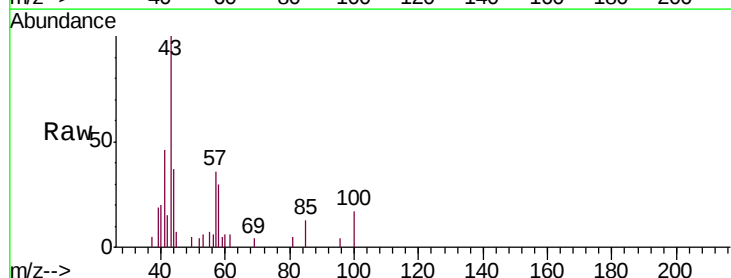
Acq: 26 Aug 2019 13:19

Tgt Ion: 43 Resp: 7001

Ion Ratio Lower Upper

43 100

58 31.2 27.9 41.9



Abundance Ion 43.00 (42.70 to 43.70): VN057440.D (-2536) (-)

Ion 58.00 (57.70 to 58.70): VN057440.D (-2536) (-)

9.98

4000

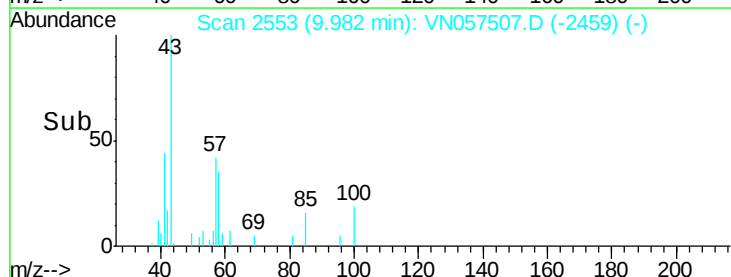
3000

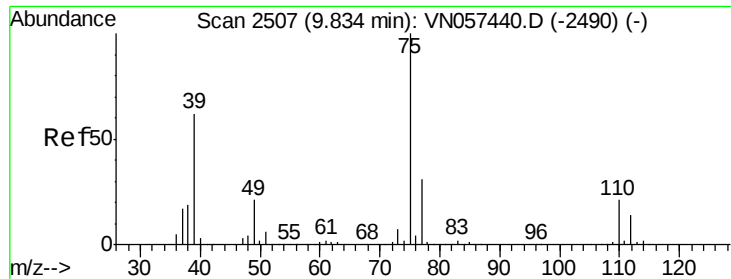
2000

1000

0

Time-->



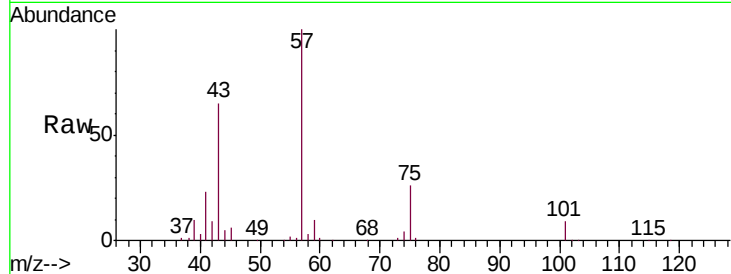


#54

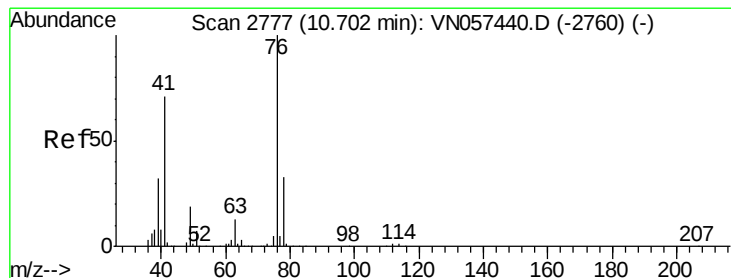
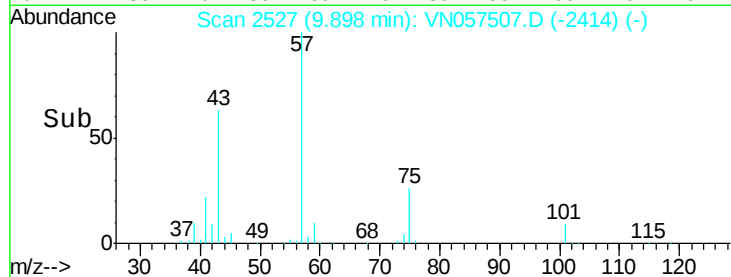
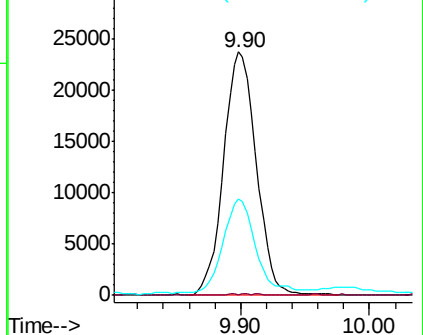
cis-1,3-Dichloropropene
 Concen: 4.461 ug/l
 RT: 9.90 min Scan# 2527
 Delta R.T. 0.06 min
 Lab File: VN057507.D
 Acq: 26 Aug 2019 13:19

Instrument :
 MSVOA_N
 ClientSampleId :
 T1-2-E-(0)

Tgt Ion: 75 Resp: 41825
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.0 37.6#
 39 38.8 49.2 73.8#



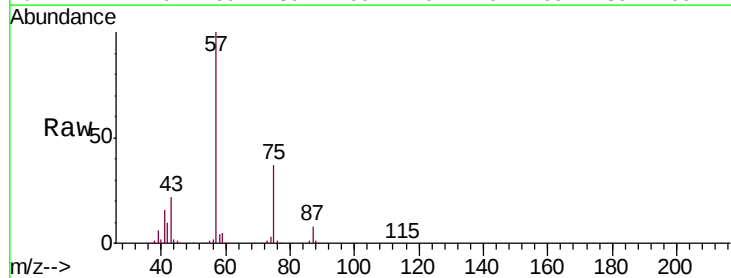
Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 76.90 (76.60 to 77.60): VN0
 Ion 39.00 (38.70 to 39.70): VN0



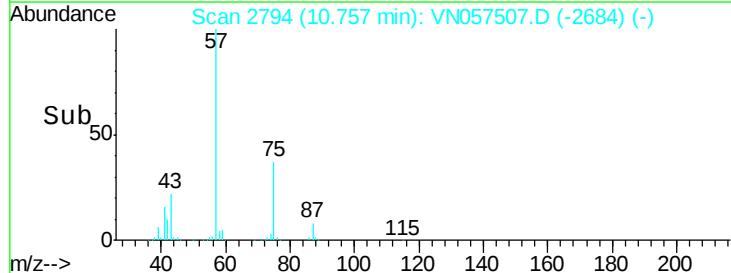
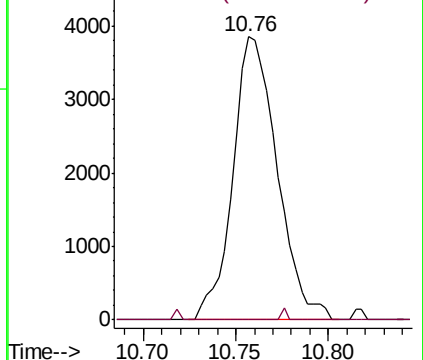
#57

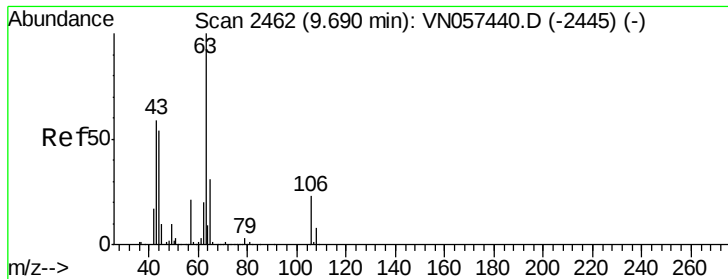
1,3-Dichloropropane
 Concen: 0.731 ug/l
 RT: 10.76 min Scan# 2794
 Delta R.T. 0.05 min
 Lab File: VN057507.D
 Acq: 26 Aug 2019 13:19

Tgt Ion: 76 Resp: 6417
 Ion Ratio Lower Upper
 76 100
 78 0.5 25.5 38.3#



Abundance Ion 75.90 (75.60 to 76.60): VN0
 Ion 77.90 (77.60 to 78.60): VN0





#58

2-Chloroethyl Vinyl ether

Concen: 17.110 ug/l

RT: 9.72 min Scan# 2473

Delta R.T. 0.04 min

Lab File: VN057507.D

Acq: 26 Aug 2019 13:19

Instrument :

MSVOA_N

ClientSampleId :

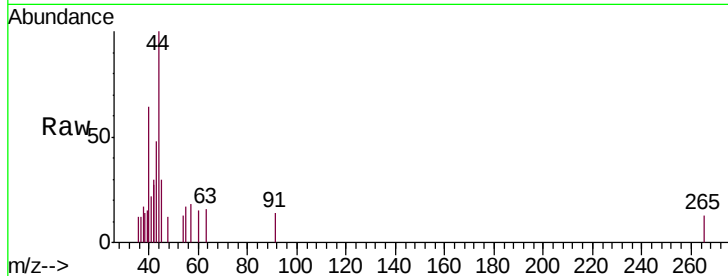
T1-2-E(0)

Tgt Ion: 63 Resp: 107

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): VN0

250

200

150

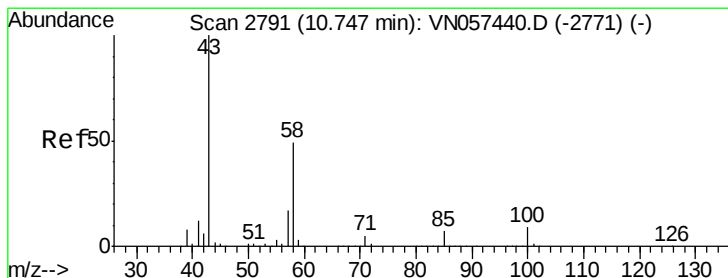
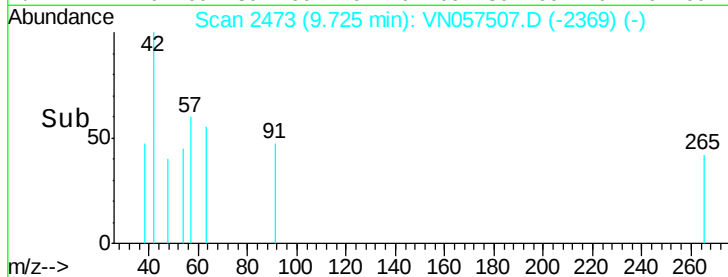
100

50

0

9.71 9.72 9.73 9.74

Time-->



#59

2-Hexanone

Concen: 21.505 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.01 min

Lab File: VN057507.D

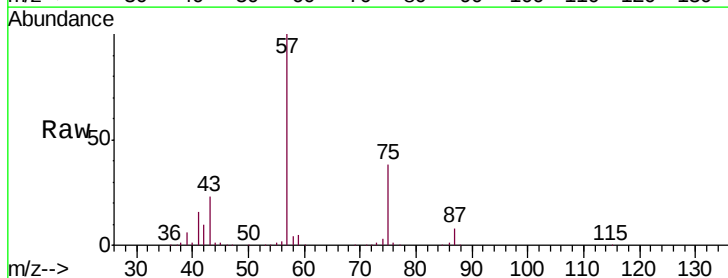
Acq: 26 Aug 2019 13:19

Tgt Ion: 43 Resp: 107377

Ion Ratio Lower Upper

43 100

58 18.6 24.6 73.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

80000

60000

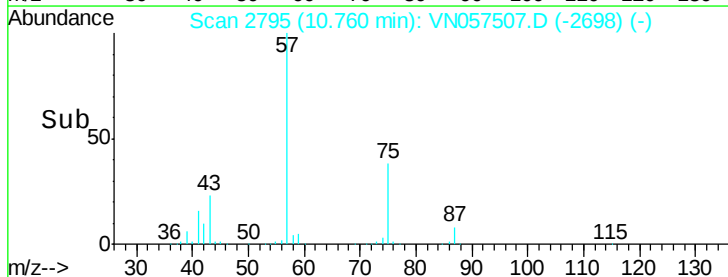
40000

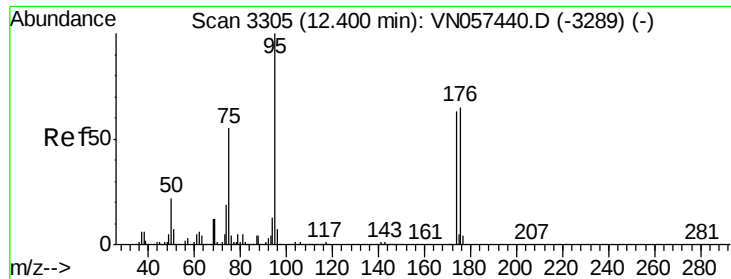
20000

0

10.70 10.75 10.80

Time-->





#62

4-Bromofluorobenzene

Concen: 39.448 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057507.D

Acq: 26 Aug 2019 13:19

Instrument :

MSVOA_N

ClientSampleId :

T1-2-E-(0)

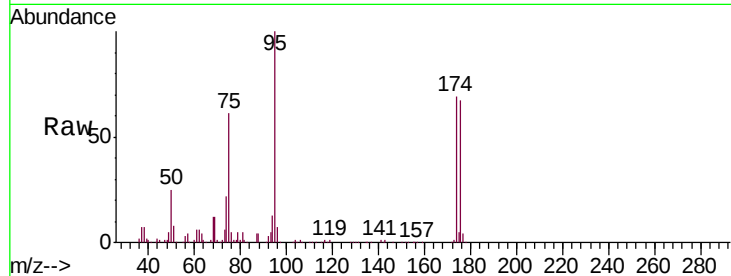
Tgt Ion: 95 Resp: 240896

Ion Ratio Lower Upper

95 100

174 69.0 0.0 133.0

176 67.7 0.0 130.8



Abundance Ion 94.90 (94.60 to 95.60): VN057507.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN057507.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN057507.D (-3212) (-)

12.40

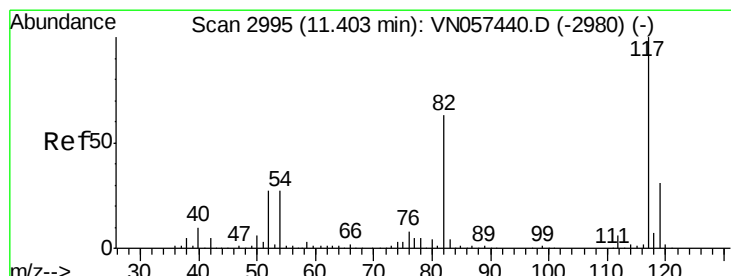
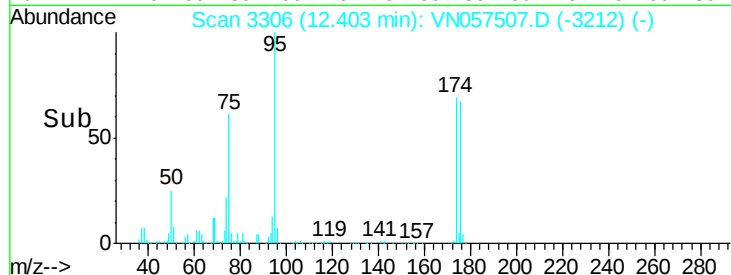
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057507.D

Acq: 26 Aug 2019 13:19

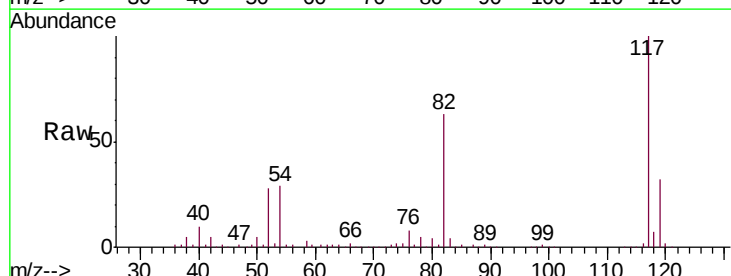
Tgt Ion: 117 Resp: 598213

Ion Ratio Lower Upper

117 100

82 62.6 50.6 75.8

119 31.8 24.6 36.8



Abundance Ion 116.90 (116.60 to 117.60): VN057507.D (-2902) (-)

Ion 82.00 (81.70 to 82.70): VN057507.D (-2902) (-)

Ion 118.90 (118.60 to 119.60): VN057507.D (-2902) (-)

11.41

400000

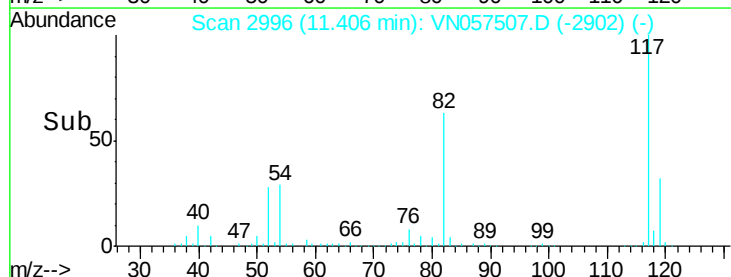
300000

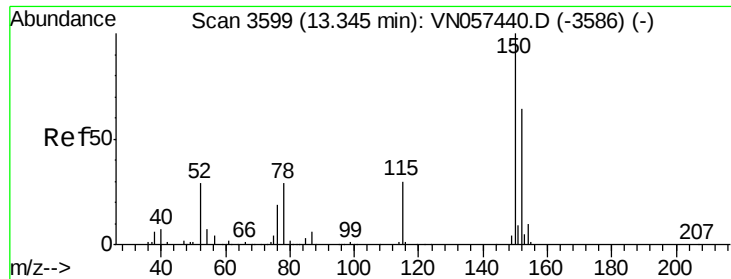
200000

100000

0

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057507.D

Acq: 26 Aug 2019 13:19

Instrument :

MSVOA_N

ClientSampleId :

T1-2-E(0)

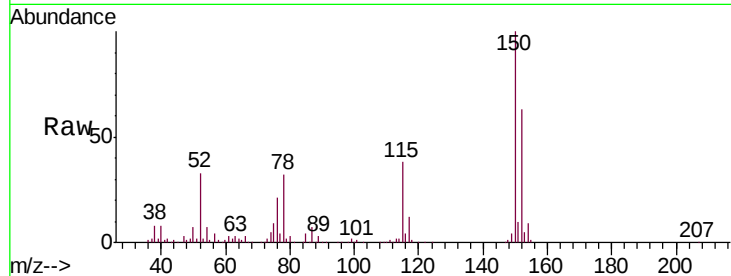
Tgt Ion:152 Resp: 143789

Ion Ratio Lower Upper

152 100

115 62.0 32.0 96.0

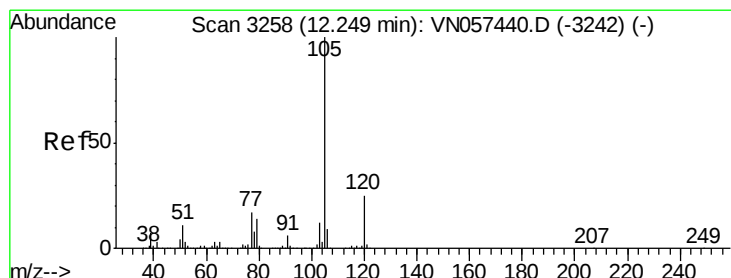
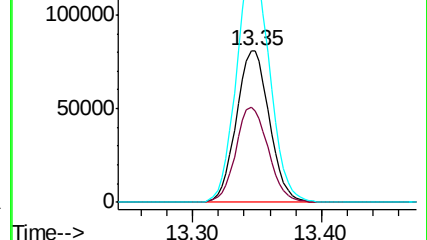
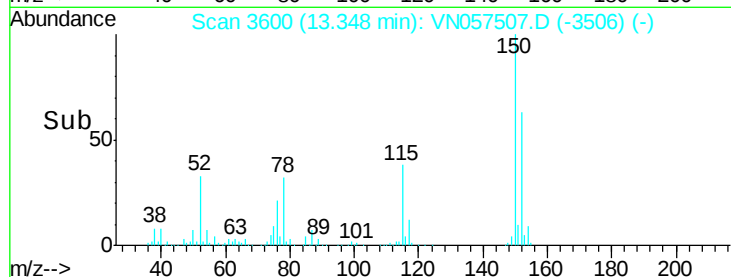
150 159.2 0.0 346.6



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: 12.26 min Scan# 3260

Delta R.T. 0.01 min

Lab File: VN057507.D

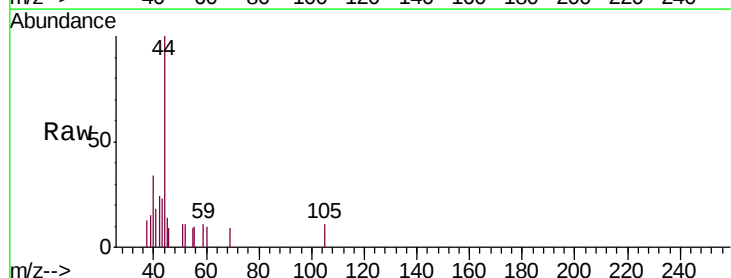
Acq: 26 Aug 2019 13:19

Tgt Ion:105 Resp: 103

Ion Ratio Lower Upper

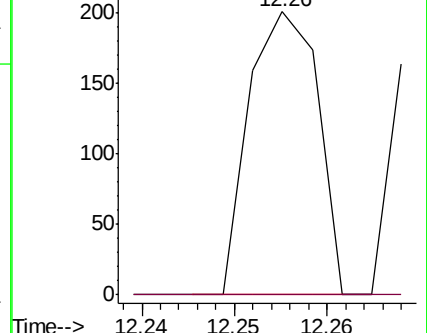
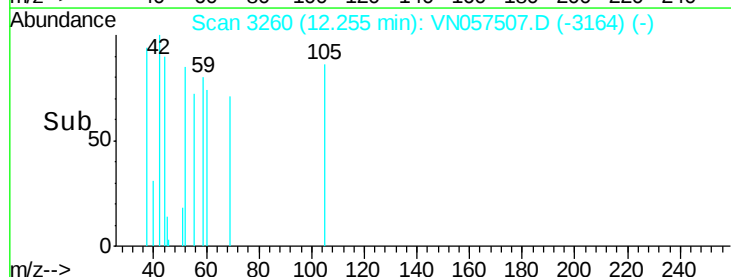
105 100

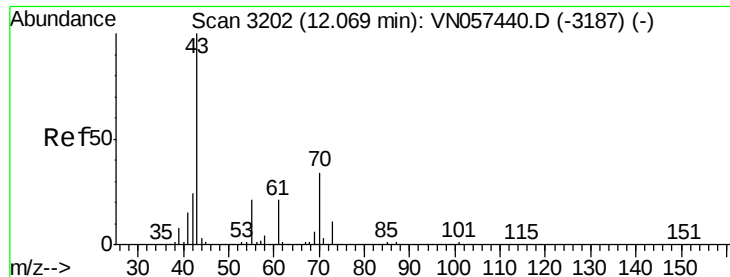
120 0.0 12.7 38.0#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyI acetate

Concen: Below Cal

RT: 12.06 min Scan# 3198

Delta R.T. -0.01 min

Lab File: VN057507.D

Acq: 26 Aug 2019 13:19

Instrument :

MSVOA_N

ClientSampleId :

T1-2-E(0)

Tgt Ion: 43 Resp: 1848

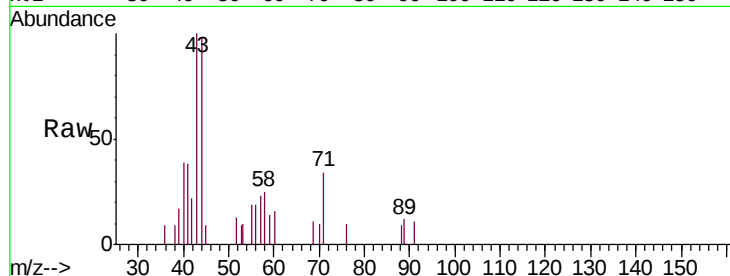
Ion Ratio Lower Upper

43 100

70 3.5 27.8 41.6#

55 37.1 17.0 25.4#

61 0.0 17.0 25.6#

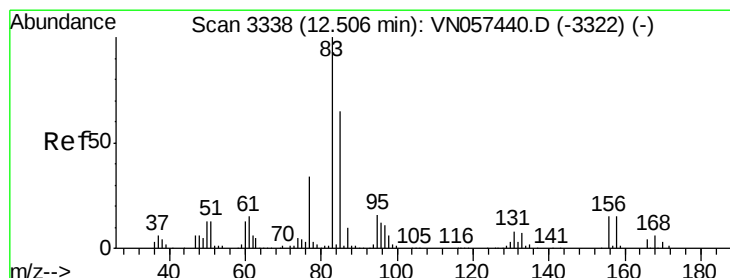
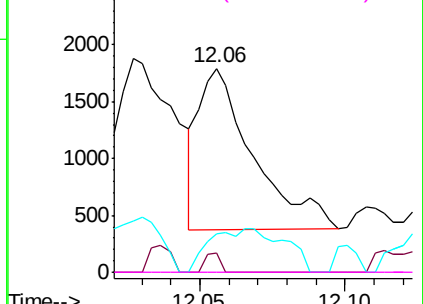
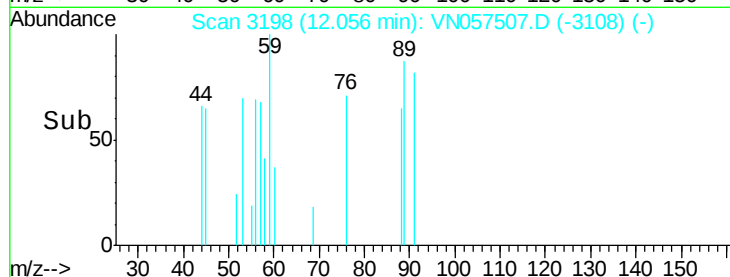


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.40 min Scan# 3306

Delta R.T. -0.10 min

Lab File: VN057507.D

Acq: 26 Aug 2019 13:19

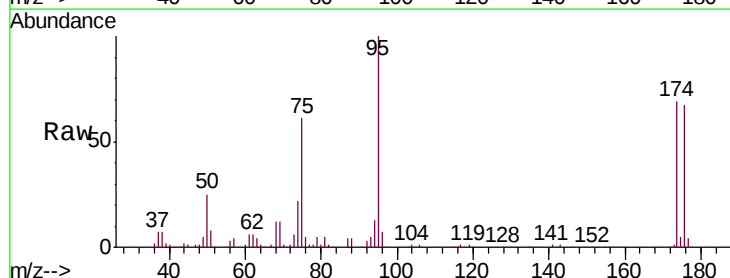
Tgt Ion: 83 Resp: 352

Ion Ratio Lower Upper

83 100

131 116.2 4.3 13.1#

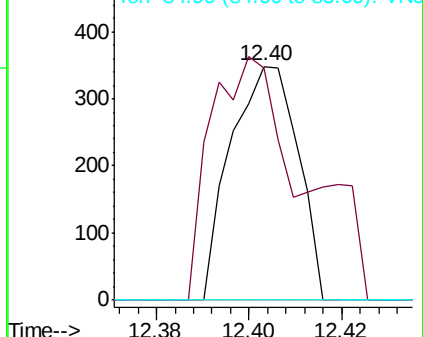
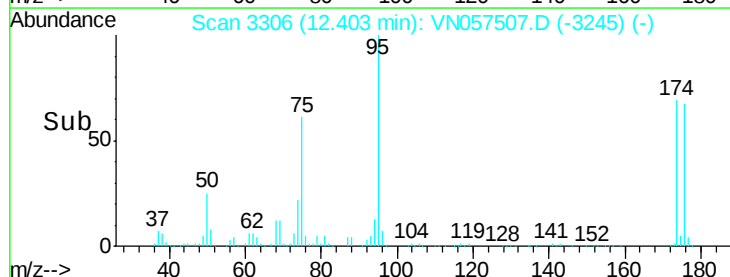
85 0.0 32.3 96.8#

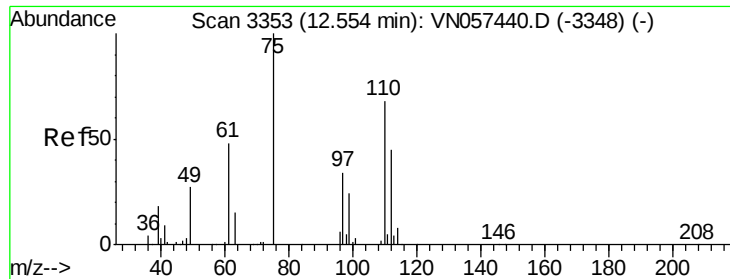


Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO





#76

1,2,3-Trichloropropane

Concen: 44.783 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN057507.D

Acq: 26 Aug 2019 13:19

Instrument :

MSVOA_N

ClientSampleId :

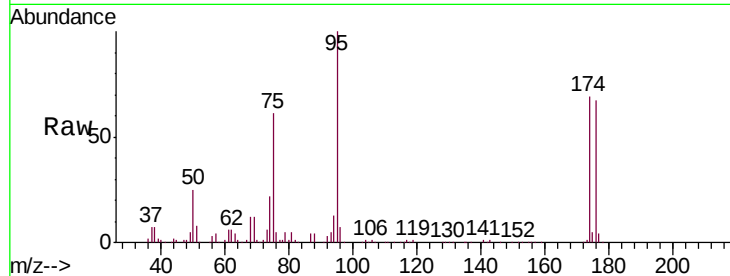
T1-2-E(0)

Tgt Ion: 75 Resp: 143771

Ion Ratio Lower Upper

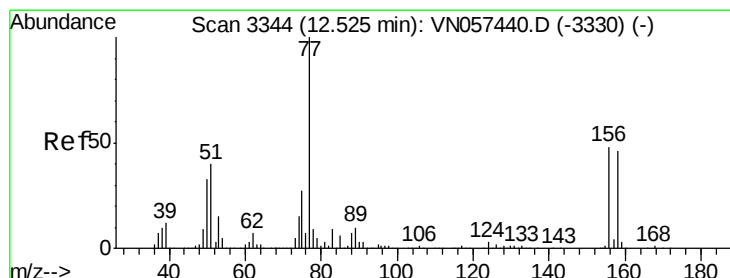
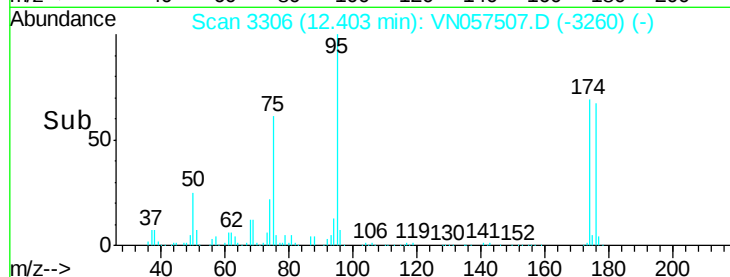
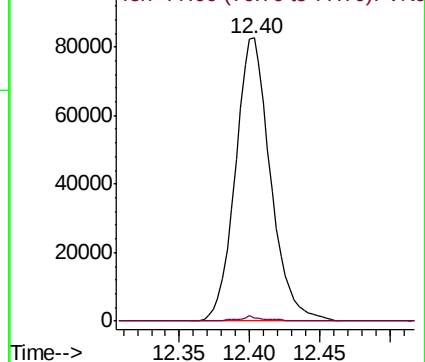
75 100

77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#77

Bromobenzene

Concen: Below Cal

RT: 12.40 min Scan# 3305

Delta R.T. -0.13 min

Lab File: VN057507.D

Acq: 26 Aug 2019 13:19

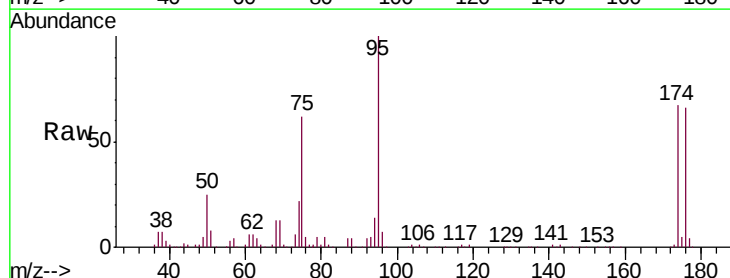
Tgt Ion: 156 Resp: 124

Ion Ratio Lower Upper

156 100

77 1588.7 124.4 373.3#

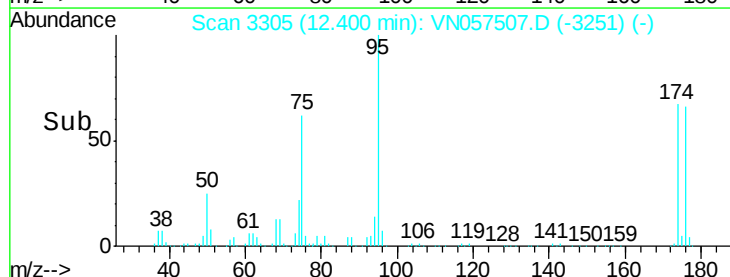
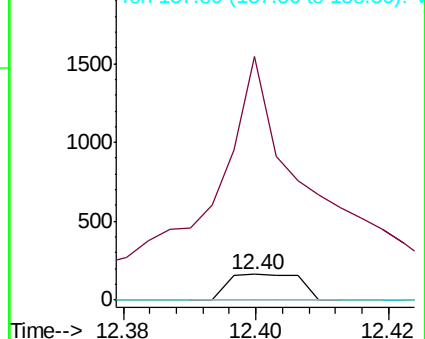
158 0.0 48.3 144.8#

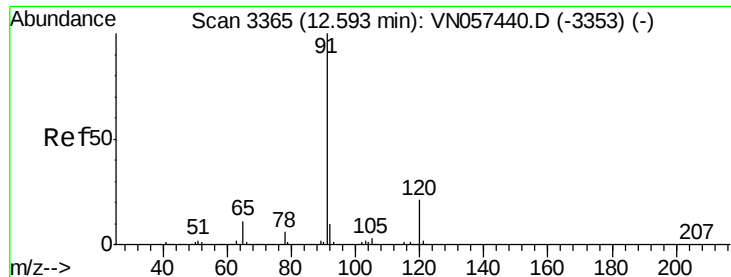


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: Below Cal

RT: 12.59 min Scan# 3365

Delta R.T. -0.00 min

Lab File: VN057507.D

Acq: 26 Aug 2019 13:19

Instrument :

MSVOA_N

ClientSampleId :

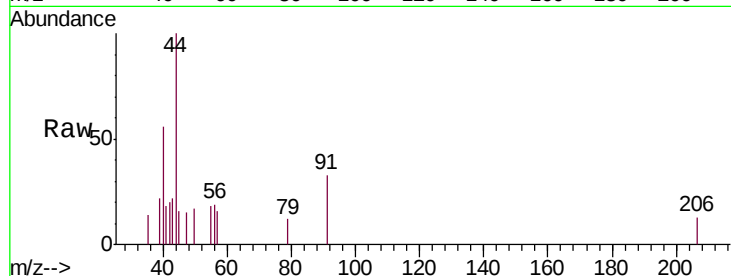
T1-2-E(0)

Tgt Ion: 91 Resp: 408

Ion Ratio Lower Upper

91 100

120 15.7 10.7 32.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

12.59

400

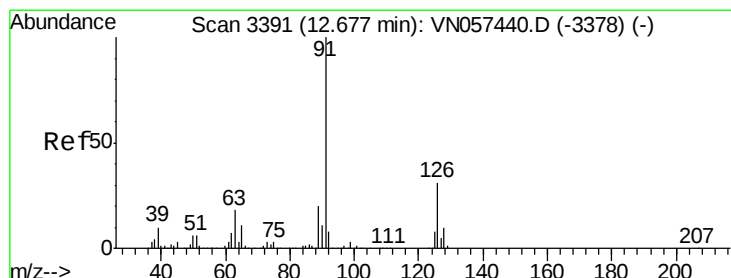
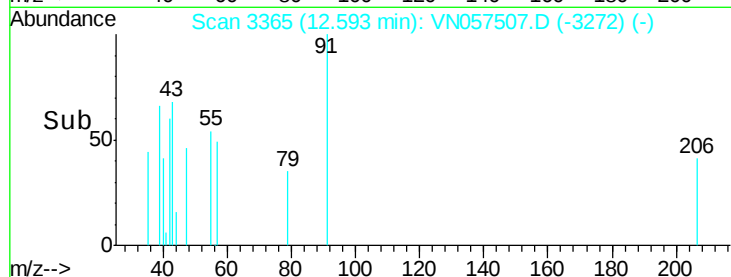
300

200

100

0

Time-->



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN057507.D

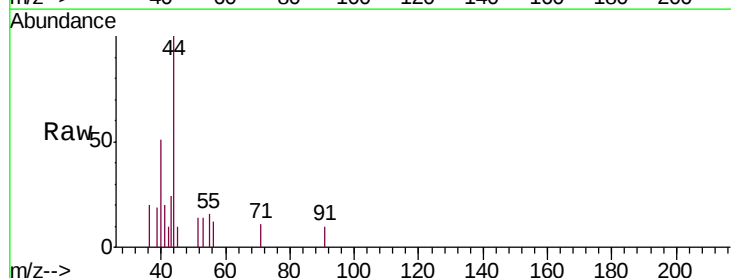
Acq: 26 Aug 2019 13:19

Tgt Ion: 91 Resp: 60

Ion Ratio Lower Upper

91 100

126 0.0 15.3 45.8#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

12.68

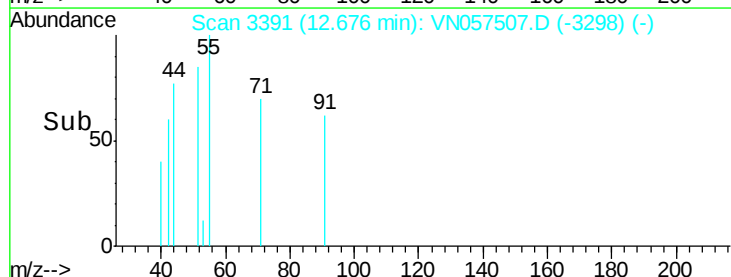
150

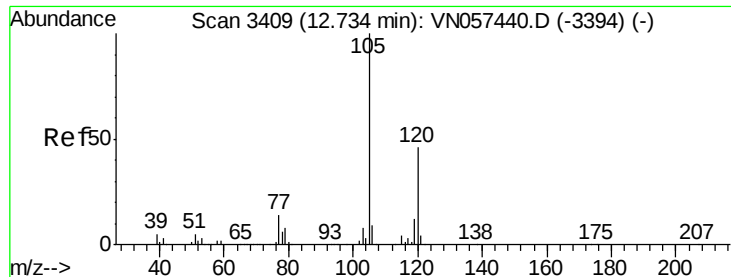
100

50

0

Time-->





#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3407

Delta R.T. -0.01 min

Lab File: VN057507.D

Acq: 26 Aug 2019 13:19

Instrument :

MSVOA_N

ClientSampleId :

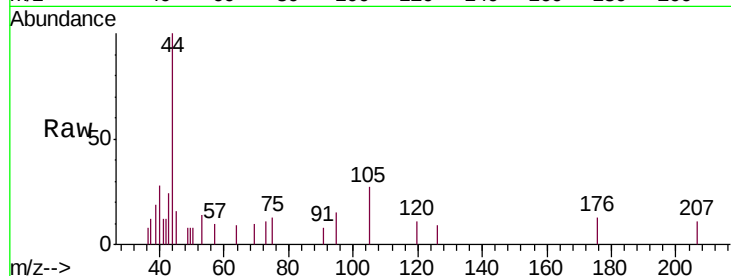
T1-2-E(0)

Tgt Ion:105 Resp: 608

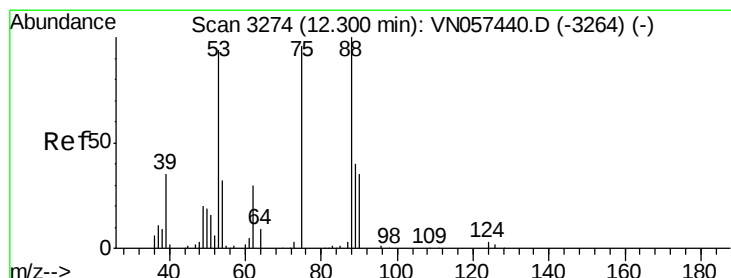
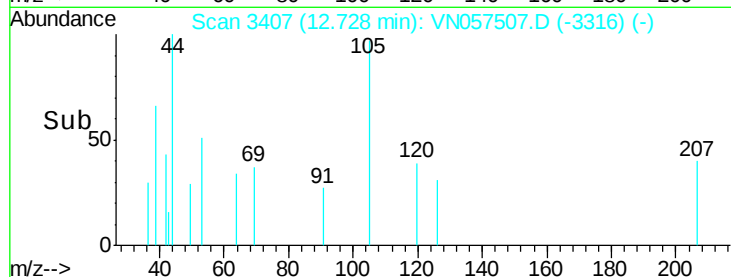
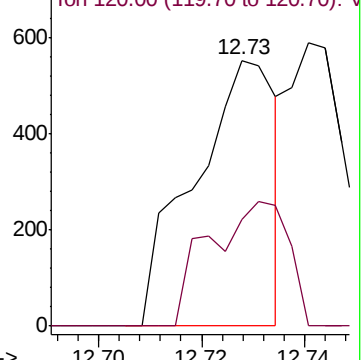
Ion Ratio Lower Upper

105 100

120 45.2 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 114.826 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN057507.D

Acq: 26 Aug 2019 13:19

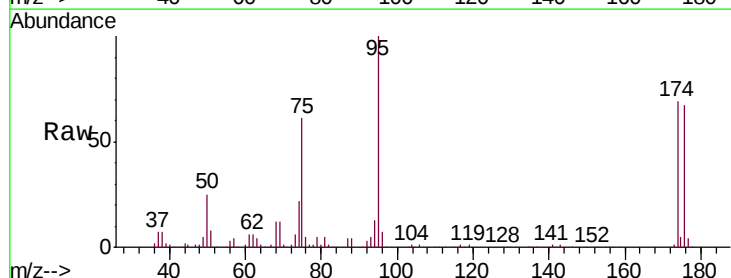
Tgt Ion: 75 Resp: 143771

Ion Ratio Lower Upper

75 100

53 0.0 82.7 124.1#

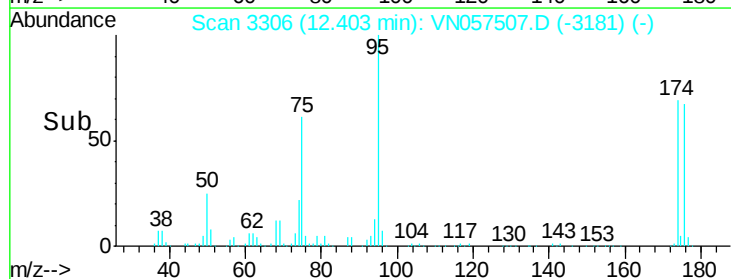
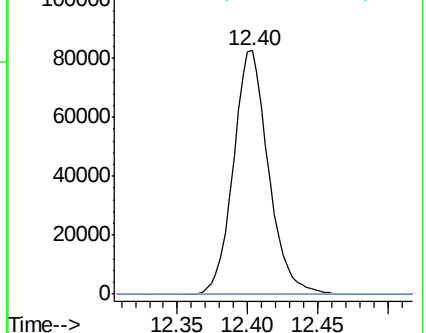
89 0.1 35.8 53.8#

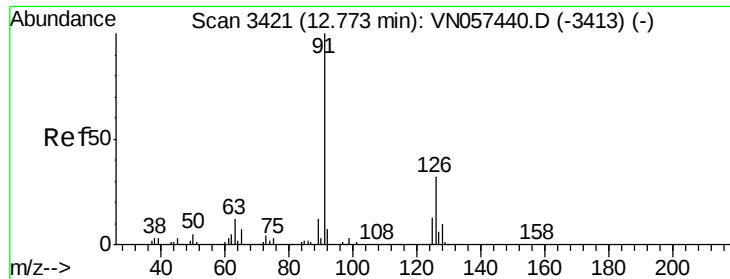


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0





#82

4-Chlorotoluene

Concen: Below Cal

RT: 12.78 min Scan# 3424

Delta R.T. 0.01 min

Lab File: VN057507.D

Acq: 26 Aug 2019 13:19

Instrument :

MSVOA_N

ClientSampled :

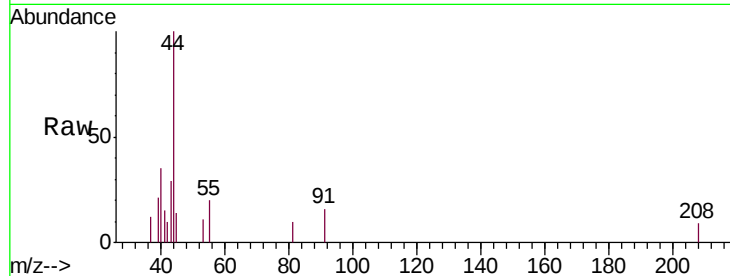
T1-2-E-(0)

Tgt Ion: 91 Resp: 241

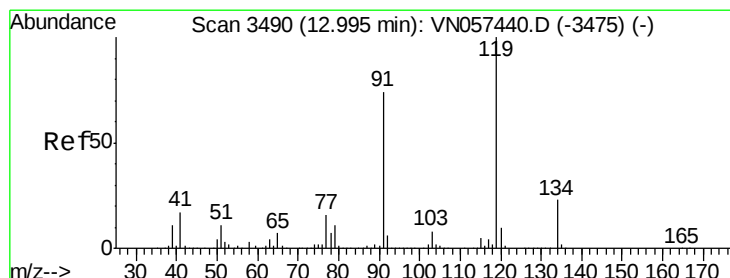
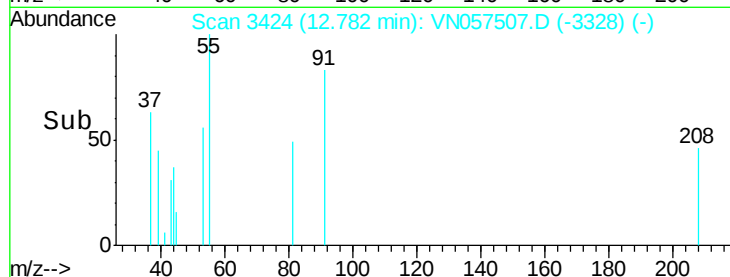
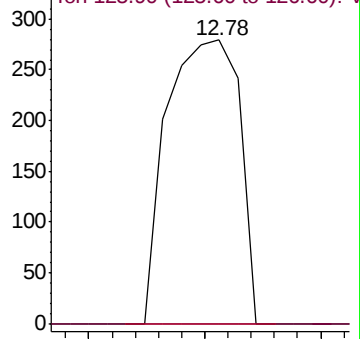
Ion Ratio Lower Upper

91 100

126 0.0 15.0 45.0#



Abundance Ion 91.00 (90.70 to 91.70): VN057440.D (-3413) (-)



#83

tert-Butylbenzene

Concen: Below Cal

RT: 12.96 min Scan# 3480

Delta R.T. -0.03 min

Lab File: VN057507.D

Acq: 26 Aug 2019 13:19

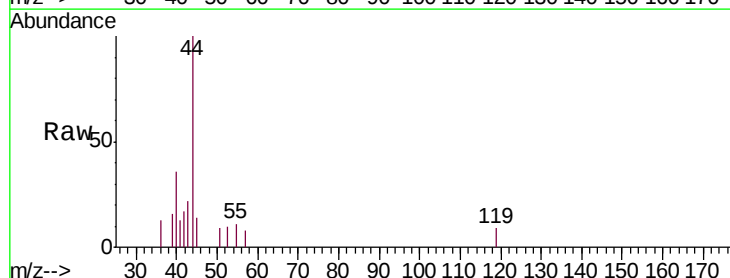
Tgt Ion: 119 Resp: 33

Ion Ratio Lower Upper

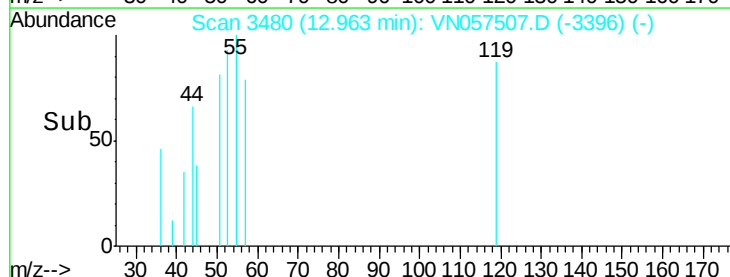
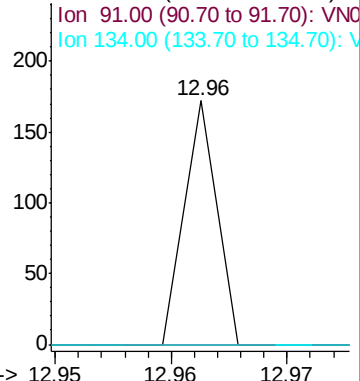
119 100

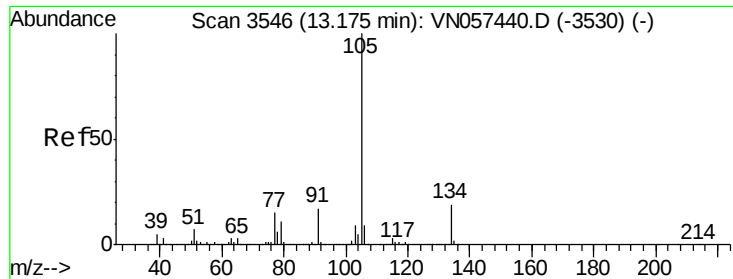
91 0.0 37.0 111.0#

134 0.0 12.2 36.6#



Abundance Ion 119.00 (118.70 to 119.70): VN057440.D (-3475) (-)





#85

sec-Butylbenzene

Concen: Below Cal

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN057507.D

Acq: 26 Aug 2019 13:19

Instrument :

MSVOA_N

ClientSampleId :

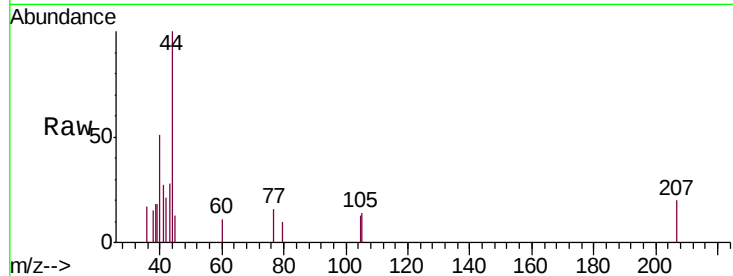
T1-2-E-(0)

Tgt Ion:105 Resp: 330

Ion Ratio Lower Upper

105 100

134 0.0 9.3 27.9#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

400

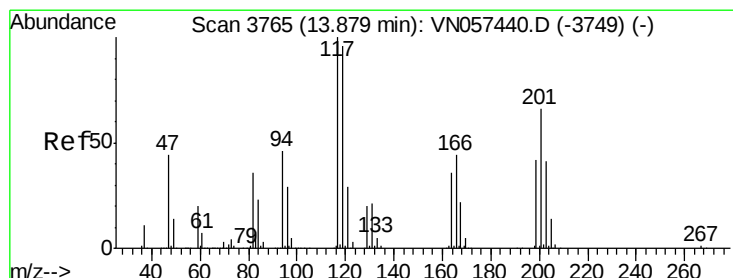
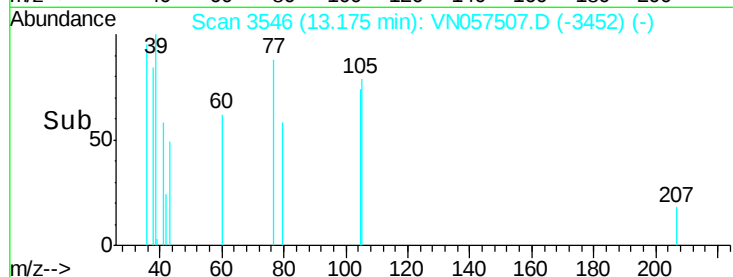
300

200

100

0

Time-->



#90

Hexachloroethane

Concen: Below Cal

RT: 13.82 min Scan# 3747

Delta R.T. -0.06 min

Lab File: VN057507.D

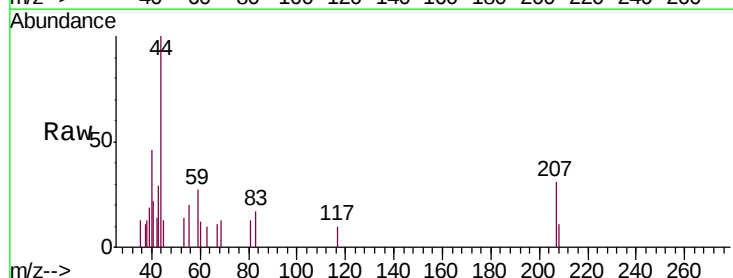
Acq: 26 Aug 2019 13:19

Tgt Ion:117 Resp: 29

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

13.82

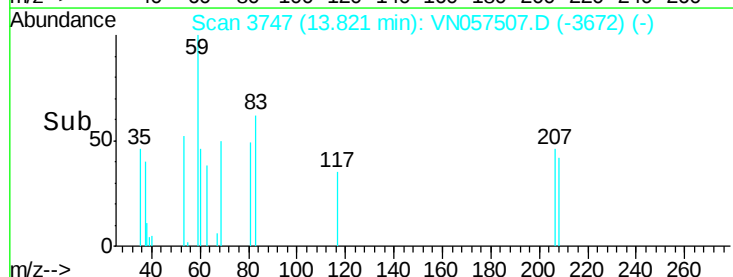
150

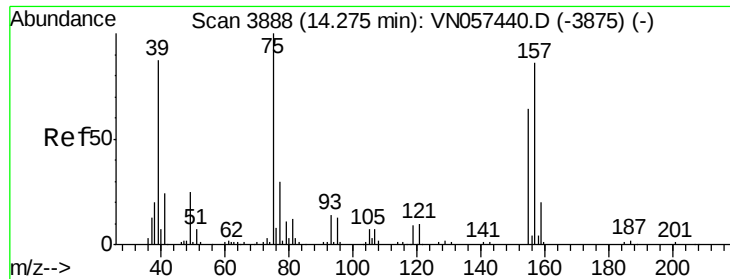
100

50

0

Time-->

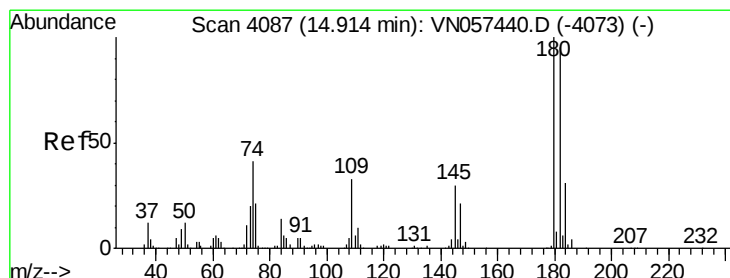
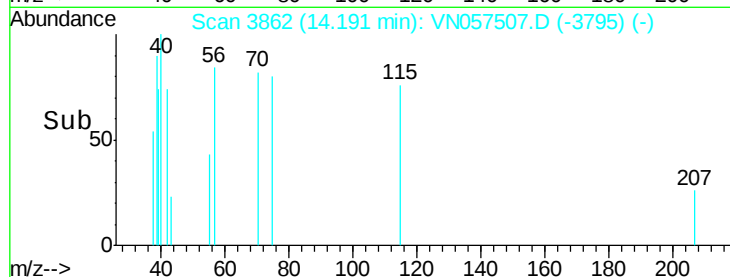
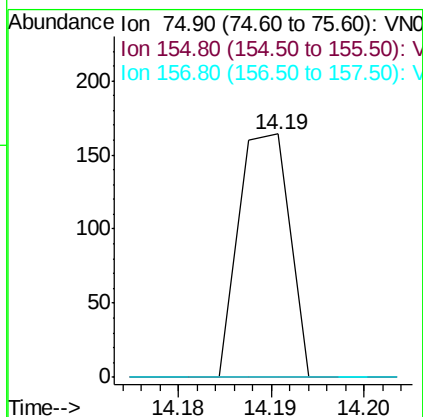
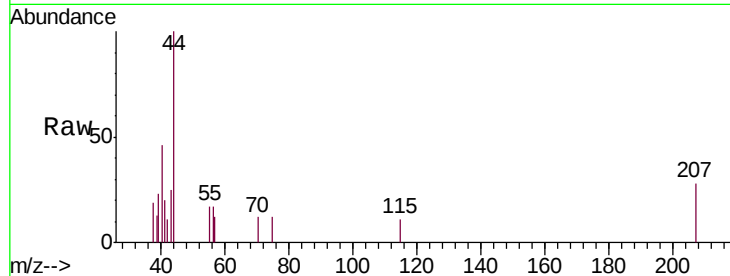




#92
 1,2-Dibromo-3-Chloropropane
 Concen: Below Cal
 RT: 14.19 min Scan# 3862
 Delta R.T. -0.08 min
 Lab File: VN057507.D
 Acq: 26 Aug 2019 13:19

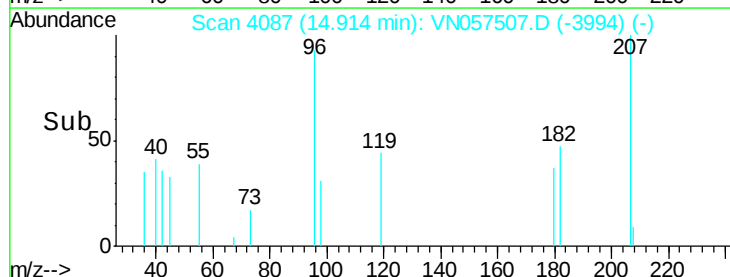
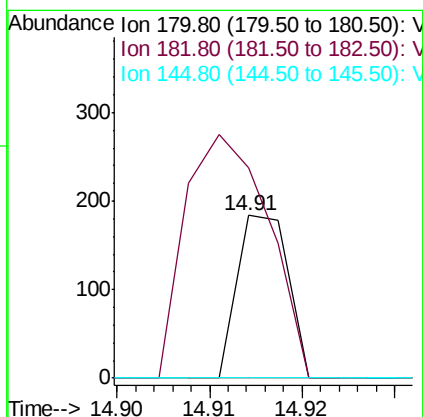
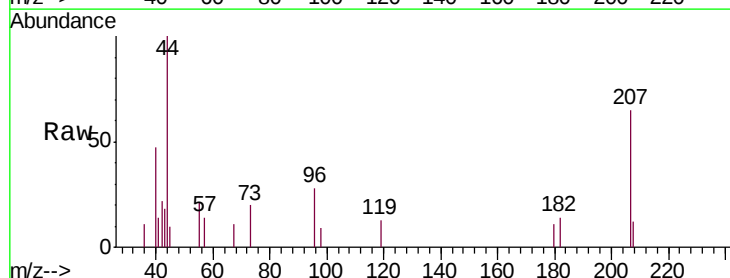
Instrument :
 MSVOA_N
 ClientSampleId :
 T1-2-E(0)

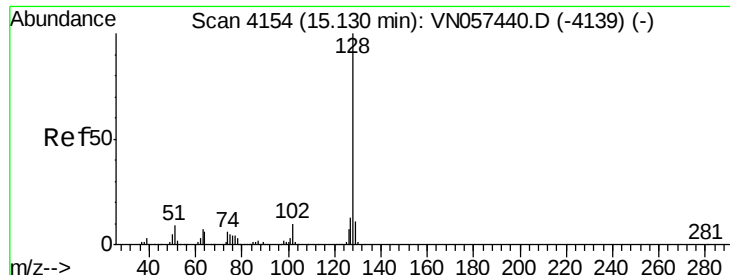
Tgt Ion: 75 Resp: 63
 Ion Ratio Lower Upper
 75 100
 155 0.0 31.6 94.7#
 157 0.0 43.3 129.8#



#93
 1,2,4-Trichlorobenzene
 Concen: 5.407 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN057507.D
 Acq: 26 Aug 2019 13:19

Tgt Ion: 180 Resp: 70
 Ion Ratio Lower Upper
 180 100
 182 244.3 46.7 140.1#
 145 0.0 15.6 46.8#





#95

Naphthalene

Concen: 4.446 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN057507.D

Acq: 26 Aug 2019 13:19

Instrument :

MSVOA_N

ClientSampleId :

T1-2-E-(0)

Tgt Ion:128 Resp: 667

Ion Ratio Lower Upper

128 100

127 9.7 10.5 15.7#

129 0.0 8.6 13.0#

