

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082619\
 Data File : VN057508.D
 Acq On : 26 Aug 2019 13:44
 Operator : JC/SP
 Sample : K4475-16
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T1-2-E-(2.5)

Quant Time: Aug 27 07:13:29 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	400906	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	686041	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	588036	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	141437	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	330816	46.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.82%	
35) Dibromofluoromethane	7.57	113	222433	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	
50) Toluene-d8	10.09	98	895747	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
62) 4-Bromofluorobenzene	12.40	95	244880	41.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.48%	

Target Compounds					Qvalue	
3) Chloromethane	2.05	50	1412	0.209	ug/l #	80
5) Bromomethane	2.55	94	2090	0.412	ug/l #	39
8) Diethyl Ether	3.33	74	312	Below Cal		60
9) 1,1,2-Trichlorotrifluoroet	3.73	101	29	Below Cal	#	1
11) Tert butyl alcohol	4.78	59	581	0.663	ug/l #	79
13) Acrolein	3.58	56	193	0.250	ug/l #	13
16) Acetone	3.80	43	20060	6.194	ug/l	94
18) Methyl Acetate	4.31	43	10687	0.586	ug/l	99
20) Methylene Chloride	4.52	84	21598	4.430	ug/l	96
25) 2-Butanone	6.84	43	2224	0.632	ug/l #	53
31) Cyclohexane	7.64	56	13245	1.337	ug/l #	39
36) 1,1-Dichloropropene	7.65	75	39891	5.691	ug/l #	51
38) Carbon Tetrachloride	7.65	117	44027	6.322	ug/l #	15
43) Isopropyl Acetate	8.16	43	102840	8.097	ug/l	98
46) Dibromomethane	9.28	93	163	Below Cal	#	10
48) Methyl methacrylate	9.17	41	5294	0.877	ug/l #	16
49) 1,4-Dioxane	9.02	88	32	0.410	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	6959	0.983	ug/l	88
54) cis-1,3-Dichloropropene	9.90	75	40953	4.492	ug/l #	62
57) 1,3-Dichloropropane	10.76	76	6556	0.768	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.71	63	61	17.091	ug/l #	52
59) 2-Hexanone	10.76	43	111098	22.883	ug/l #	53
71) Bromoform	12.40	173	894	0.290	ug/l #	1
73) Isopropylbenzene	12.26	105	200	Below Cal	#	50
74) N-amyl acetate	12.04	43	3091	Below Cal	#	51
75) 1,1,2,2-Tetrachloroethane	12.49	83	30	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	141756	44.899	ug/l #	100
77) Bromobenzene	12.56	156	34	Below Cal	#	1
78) n-propylbenzene	12.59	91	334	Below Cal	#	74
79) 2-Chlorotoluene	12.65	91	124	Below Cal	#	44
80) 1,3,5-Trimethylbenzene	12.73	105	611	Below Cal		86
81) trans-1,4-Dichloro-2-buten	12.40	75	141756	115.107	ug/l #	9
82) 4-Chlorotoluene	12.78	91	270	Below Cal	#	67
83) tert-Butylbenzene	12.99	119	85	Below Cal	#	1

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QLast Update : Fri Aug 23 05:07:29 2019
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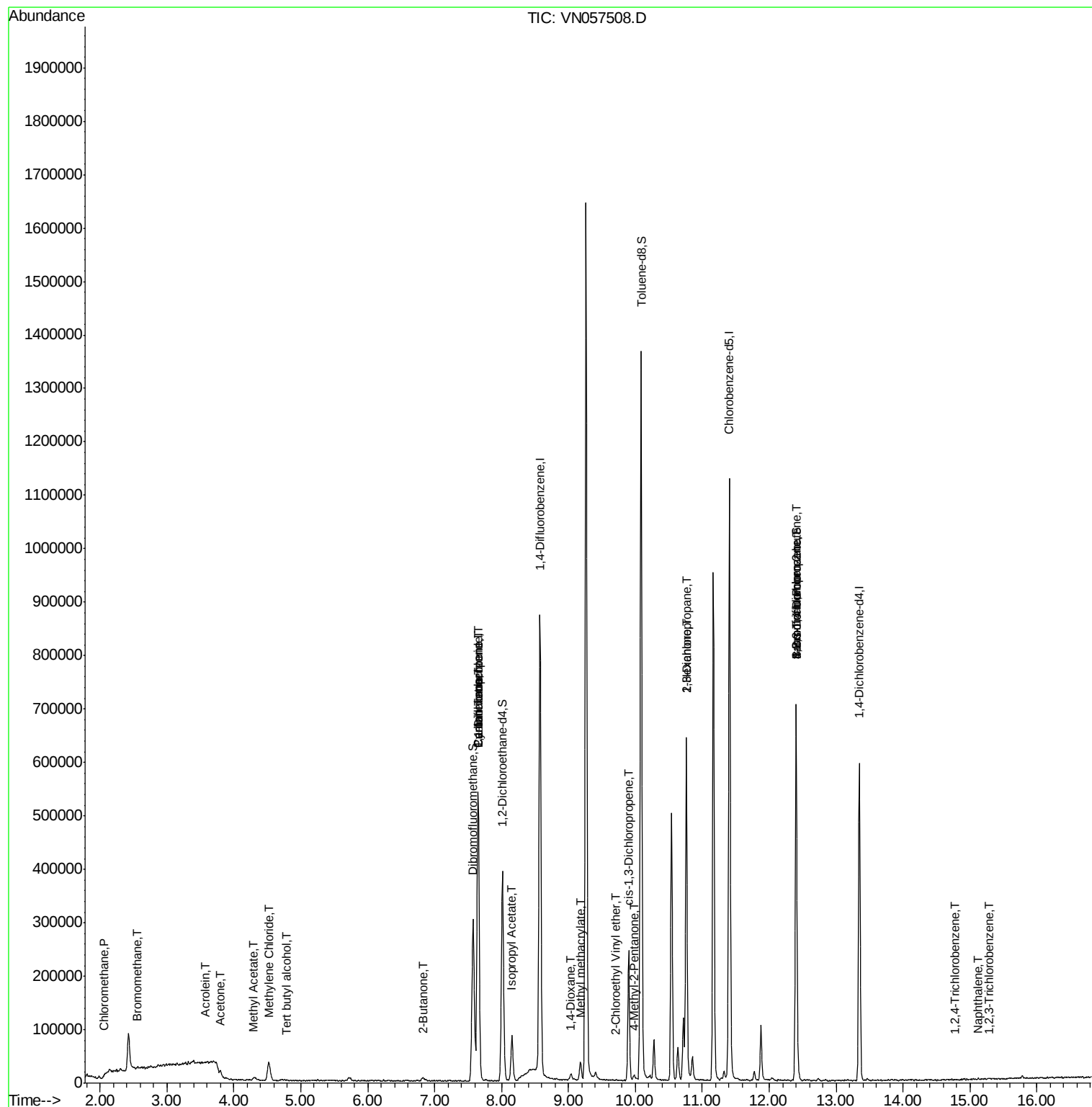
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	13.17	105	384	Below Cal	#	50
92) 1,2-Dibromo-3-Chloropropan	14.29	75	148	Below Cal	#	11
93) 1,2,4-Trichlorobenzene	14.78	180	73	5.409	ug/l #	13
95) Naphthalene	15.13	128	674	4.449	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.29	180	164	5.199	ug/l #	51

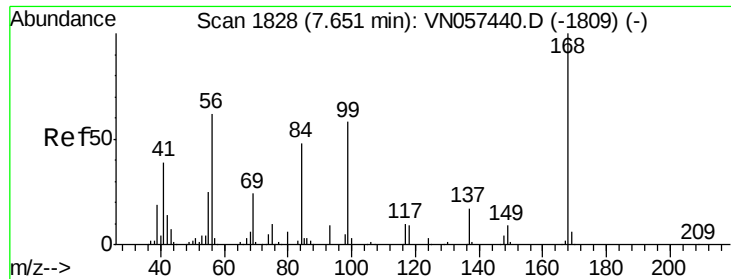
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN082619\
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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: VN057508.D

Acq: 26 Aug 2019 13:44

Instrument :

MSVOA_N

ClientSampleId :

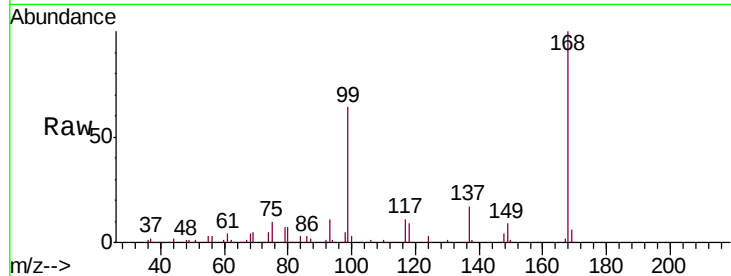
T1-2-E-(2.5)

Tgt Ion:168 Resp: 400906

Ion Ratio Lower Upper

168 100

99 63.7 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

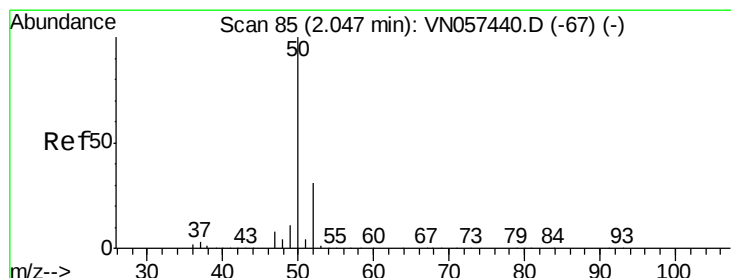
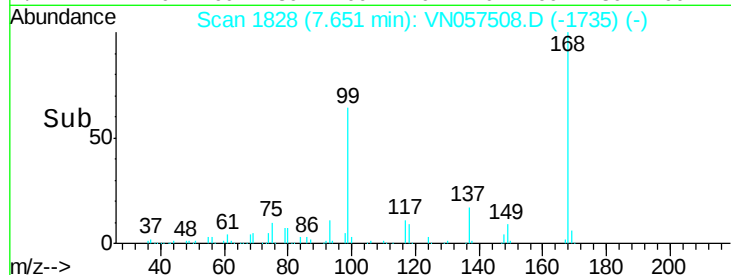
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.209 ug/l

RT: 2.05 min Scan# 85

Delta R.T. 0.00 min

Lab File: VN057508.D

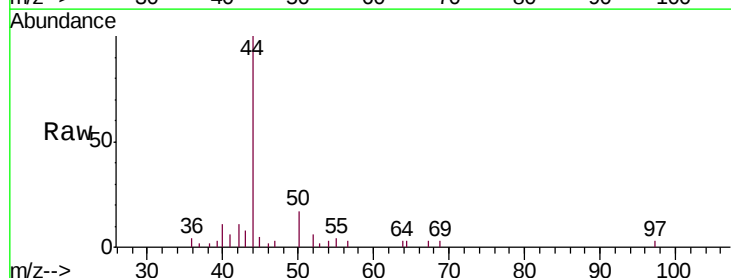
Acq: 26 Aug 2019 13:44

Tgt Ion: 50 Resp: 1412

Ion Ratio Lower Upper

50 100

52 20.3 25.1 37.7#



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

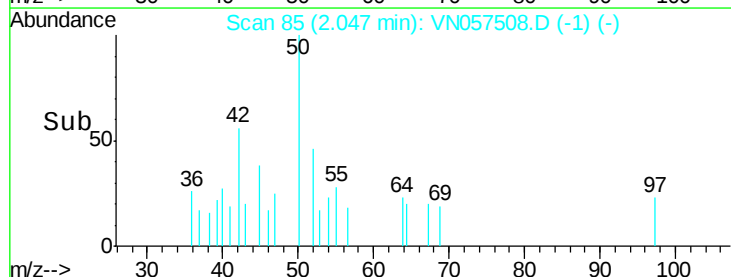
2.05

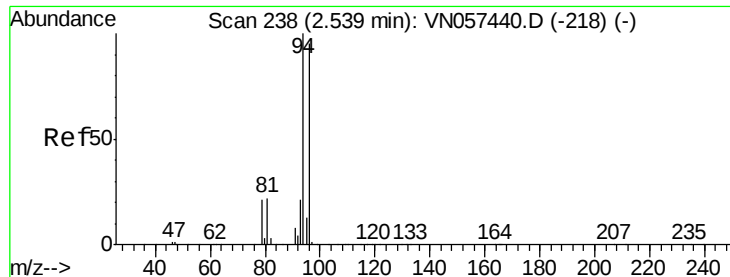
1000

500

0

Time-->





#5

Bromomethane

Concen: 0.412 ug/l

RT: 2.55 min Scan# 242

Delta R.T. 0.01 min

Lab File: VN057508.D

Acq: 26 Aug 2019 13:44

Instrument :

MSVOA_N

ClientSampled :

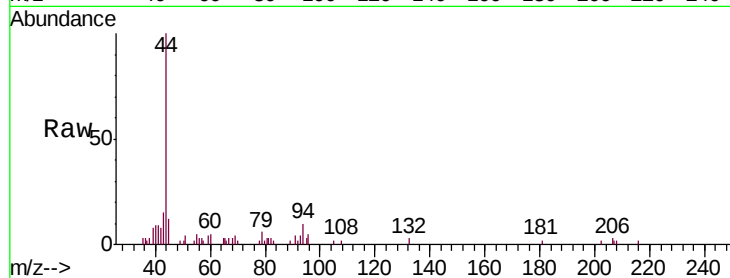
T1-2-E-(2.5)

Tgt Ion: 94 Resp: 2090

Ion Ratio Lower Upper

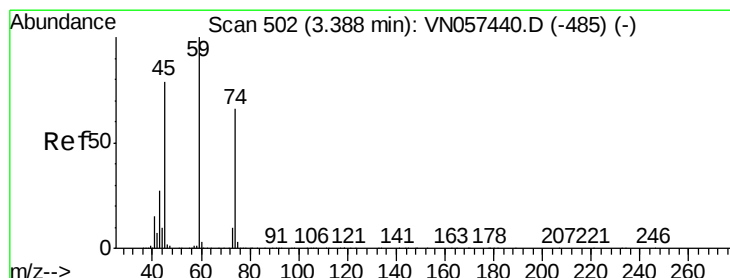
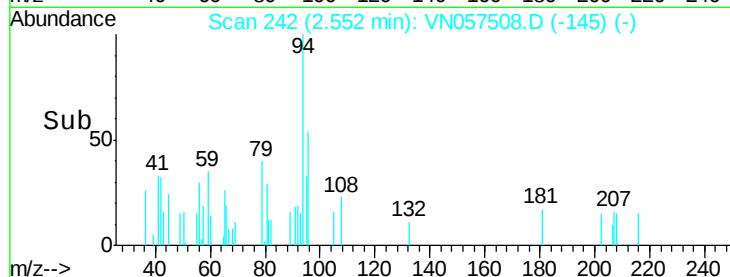
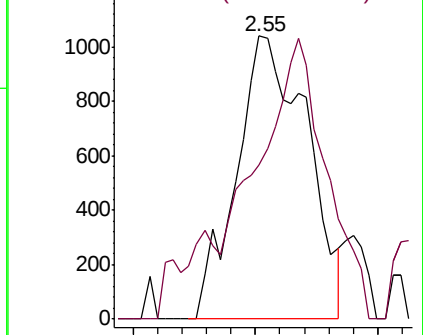
94 100

96 35.5 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: 3.33 min Scan# 483

Delta R.T. -0.06 min

Lab File: VN057508.D

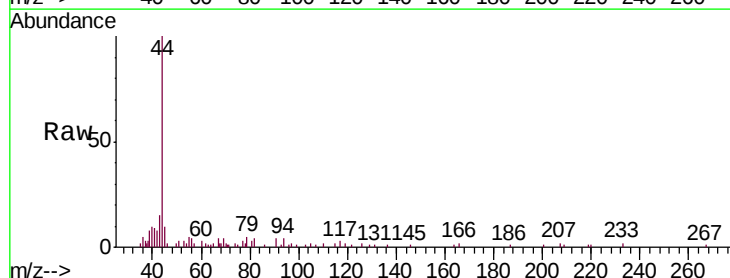
Acq: 26 Aug 2019 13:44

Tgt Ion: 74 Resp: 312

Ion Ratio Lower Upper

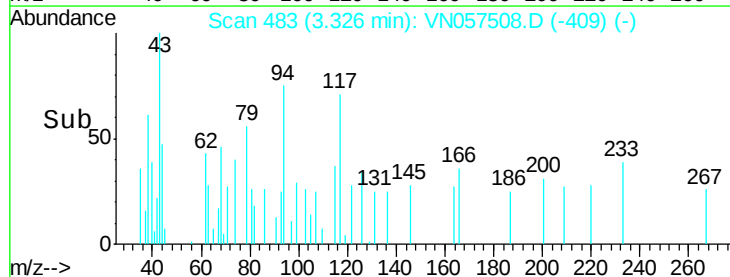
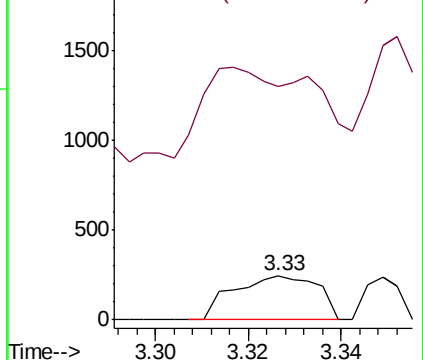
74 100

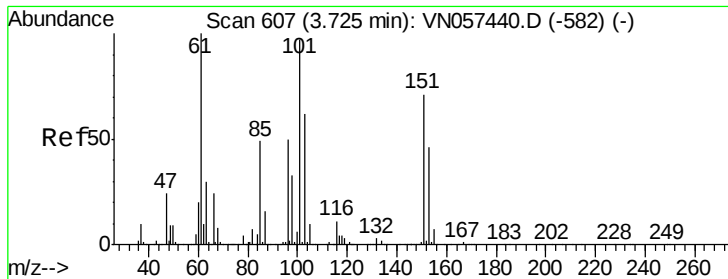
45 159.3 57.9 173.6



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: 3.73 min Scan# 607

Delta R.T. 0.00 min

Lab File: VN057508.D

Acq: 26 Aug 2019 13:44

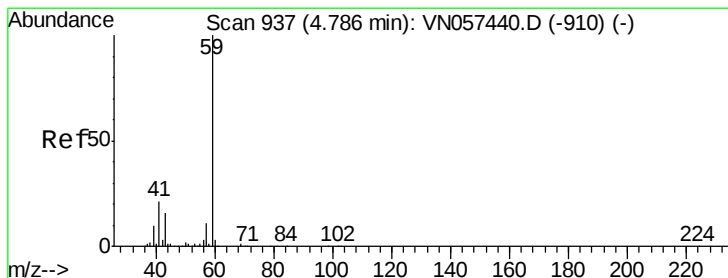
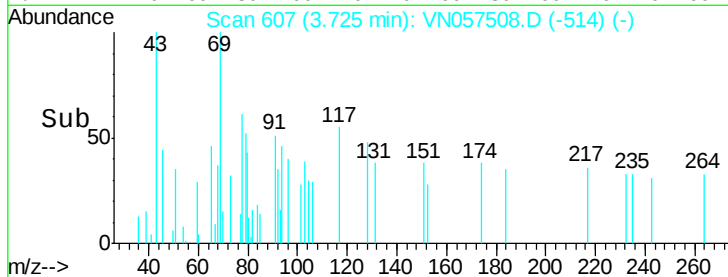
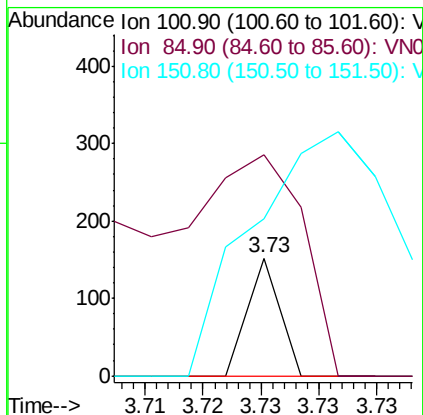
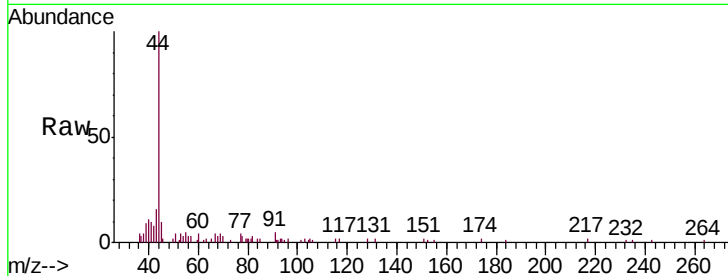
Instrument :

MSVOA_N

ClientSampled :

T1-2-E-(2.5)

Tgt Ion:	101	Resp:	29
Ion	Ratio	Lower	Upper
101	100		
85	631.0	40.0	60.0#
151	920.7	57.0	85.6#



#11

Tert butyl alcohol

Concen: 0.663 ug/l

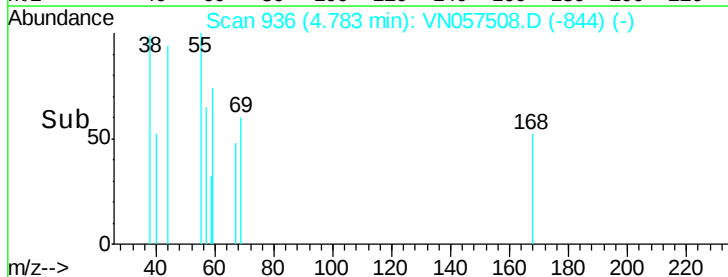
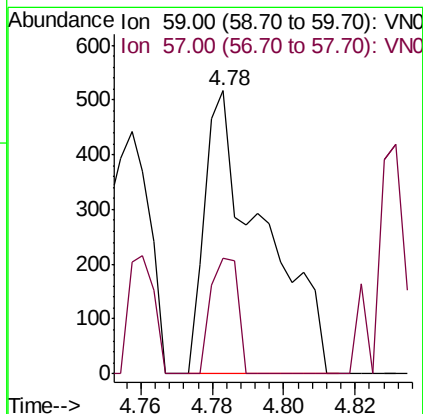
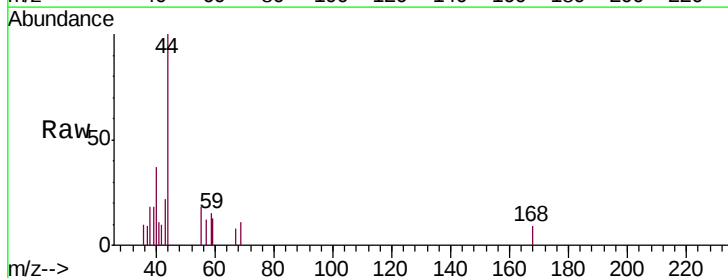
RT: 4.78 min Scan# 936

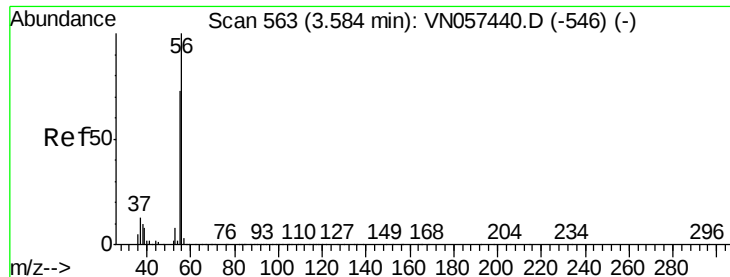
Delta R.T. -0.00 min

Lab File: VN057508.D

Acq: 26 Aug 2019 13:44

Tgt Ion:	59	Resp:	581
Ion	Ratio	Lower	Upper
59	100		
57	19.3	9.1	13.7#





#13

Acrolein

Concen: 0.250 ug/l

RT: 3.58 min Scan# 563

Delta R.T. 0.00 min

Lab File: VN057508.D

Acq: 26 Aug 2019 13:44

Instrument :

MSVOA_N

ClientSampled :

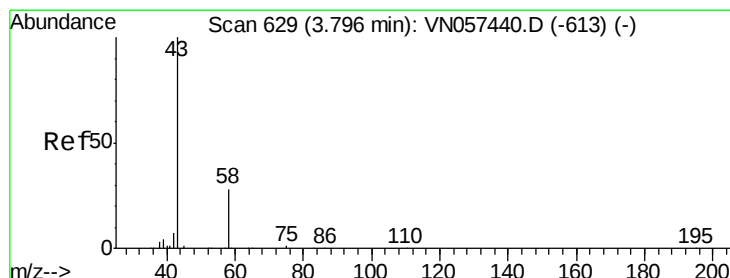
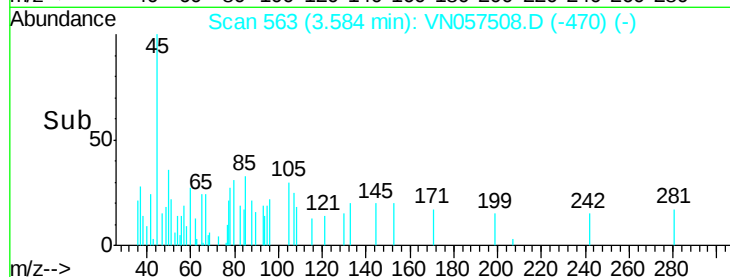
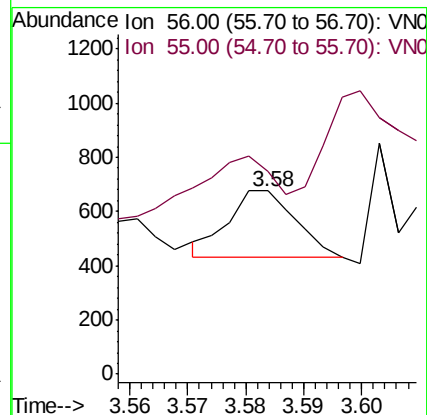
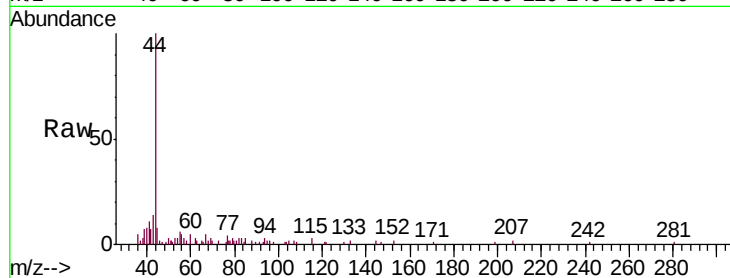
T1-2-E-(2.5)

Tgt Ion: 56 Resp: 193

Ion Ratio Lower Upper

56 100

55 0.0 59.0 88.4#



#16

Acetone

Concen: 6.194 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN057508.D

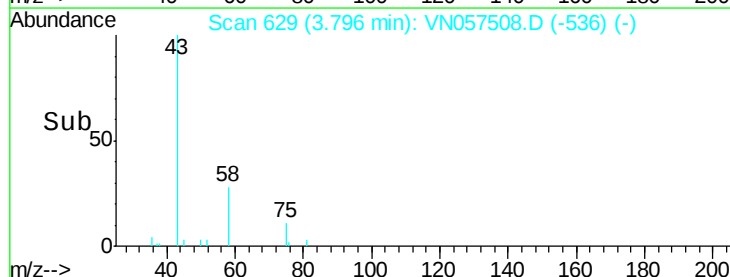
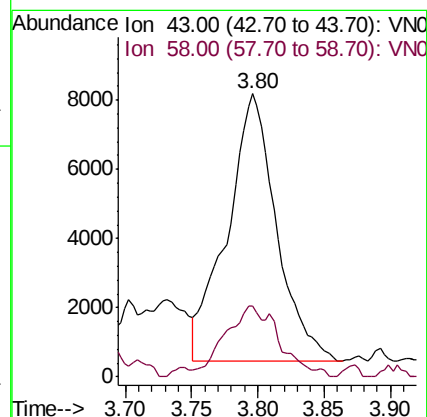
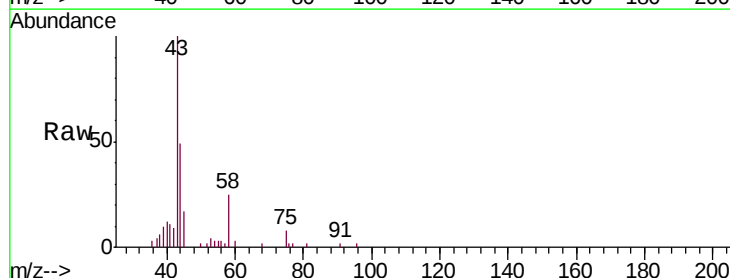
Acq: 26 Aug 2019 13:44

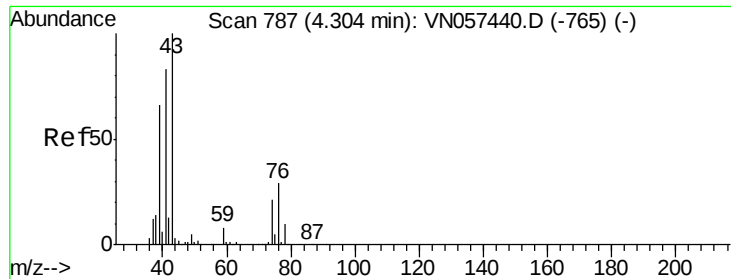
Tgt Ion: 43 Resp: 20060

Ion Ratio Lower Upper

43 100

58 24.7 22.1 33.1





#18

Methyl Acetate

Concen: 0.586 ug/l

RT: 4.31 min Scan# 788

Delta R.T. 0.00 min

Lab File: VN057508.D

Acq: 26 Aug 2019 13:44

Instrument :

MSVOA_N

ClientSampled :

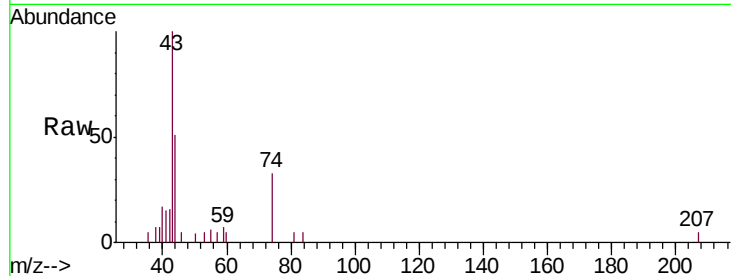
T1-2-E-(2.5)

Tgt Ion: 43 Resp: 10687

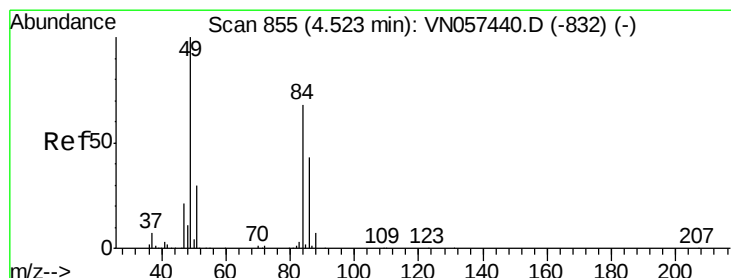
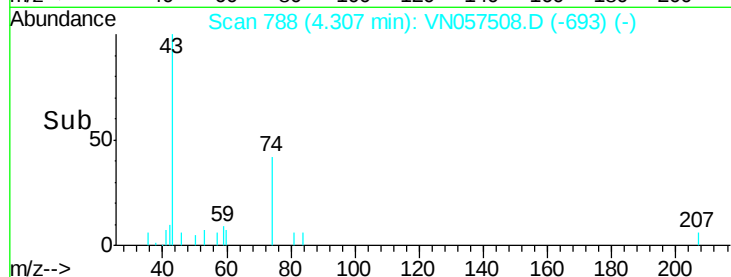
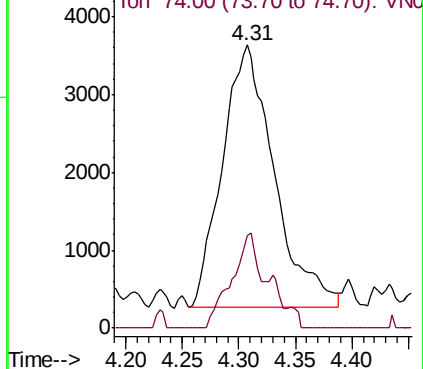
Ion Ratio Lower Upper

43 100

74 19.5 15.9 23.9



Abundance Ion 43.00 (42.70 to 43.70): VN057440.D (-765) (-)



#20

Methylene Chloride

Concen: 4.430 ug/l

RT: 4.52 min Scan# 854

Delta R.T. -0.00 min

Lab File: VN057508.D

Acq: 26 Aug 2019 13:44

Tgt Ion: 84 Resp: 21598

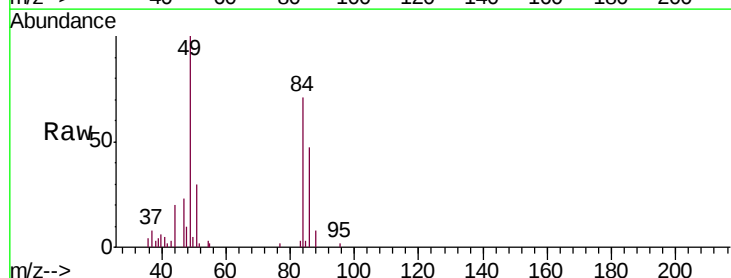
Ion Ratio Lower Upper

84 100

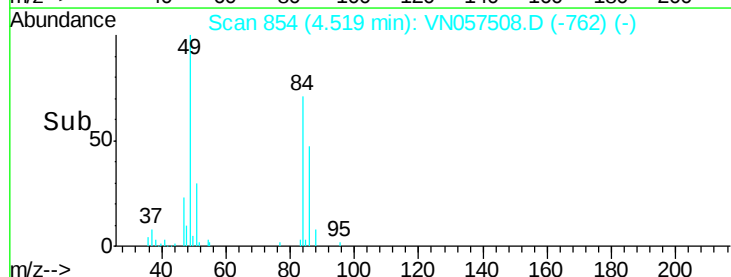
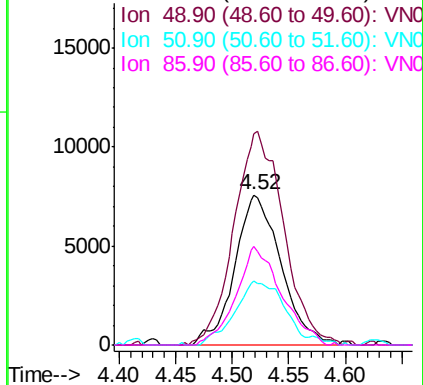
49 140.2 117.0 175.4

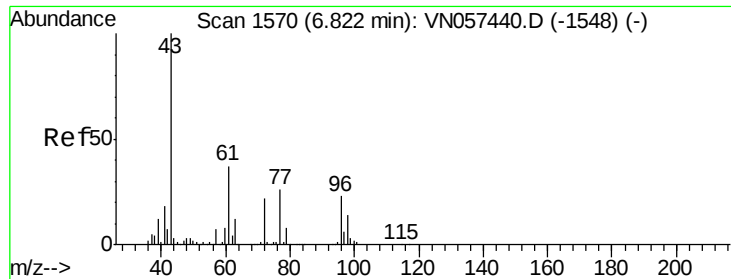
51 42.3 35.5 53.3

86 65.9 49.8 74.8



Abundance Ion 83.90 (83.60 to 84.60): VN057440.D (-832) (-)





#25

2-Butanone

Concen: 0.632 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. 0.02 min

Lab File: VN057508.D

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Instrument :

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ClientSampled :

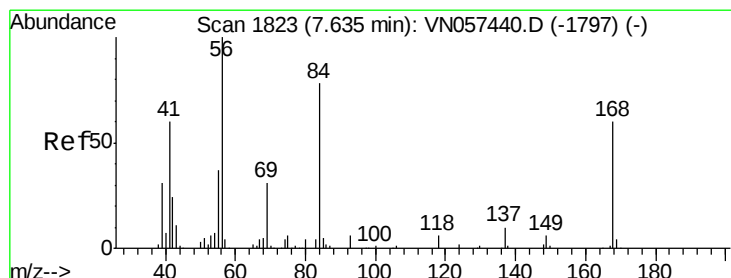
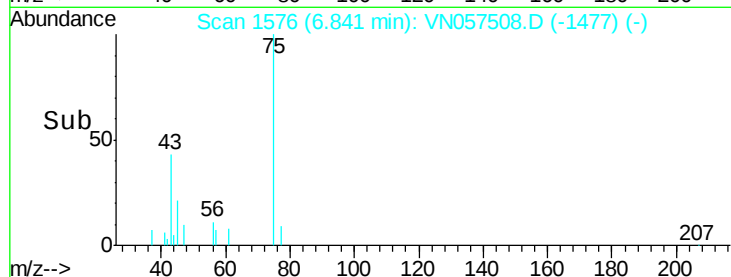
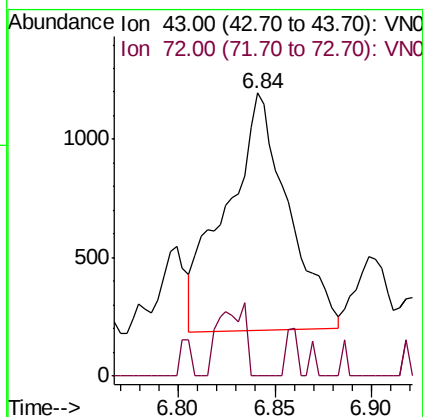
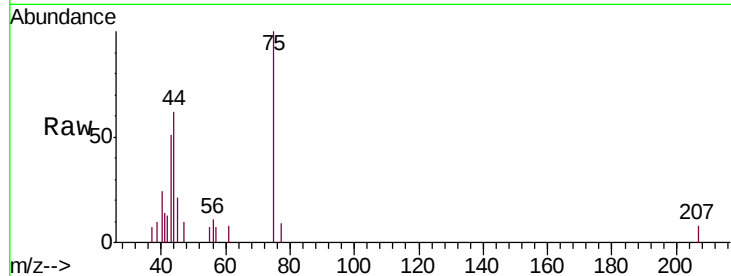
T1-2-E-(2.5)

Tgt Ion: 43 Resp: 2224

Ion Ratio Lower Upper

43 100

72 0.0 17.8 26.8#



#31

Cyclohexane

Concen: 1.337 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.01 min

Lab File: VN057508.D

Acq: 26 Aug 2019 13:44

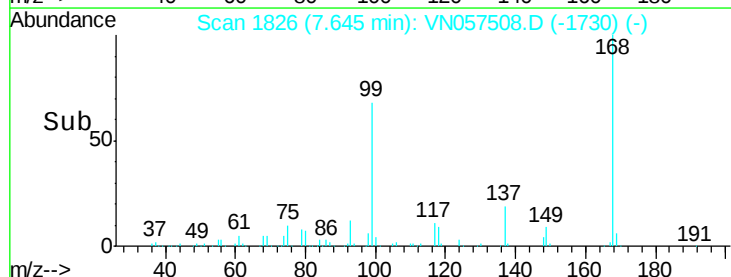
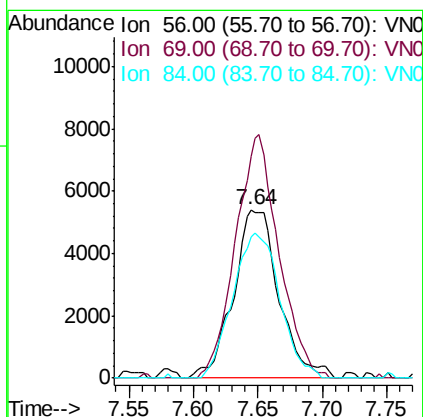
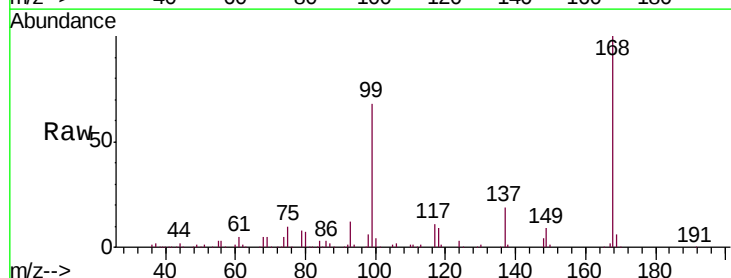
Tgt Ion: 56 Resp: 13245

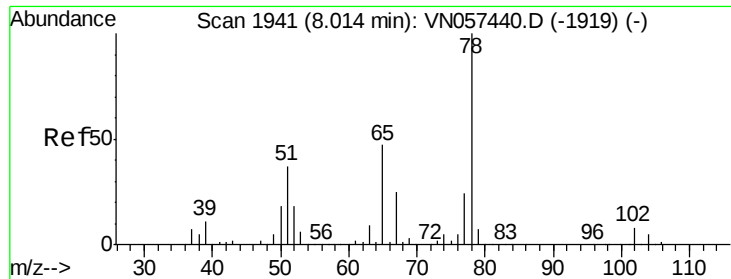
Ion Ratio Lower Upper

56 100

69 131.5 25.0 37.6#

84 88.8 62.5 93.7

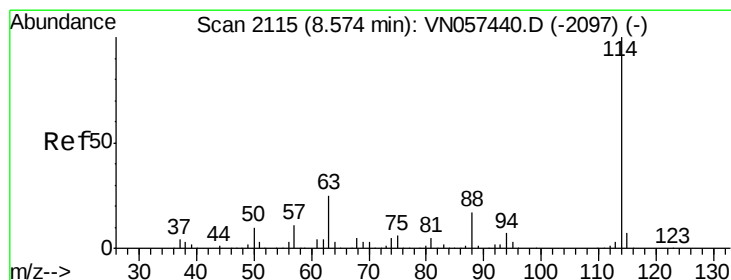
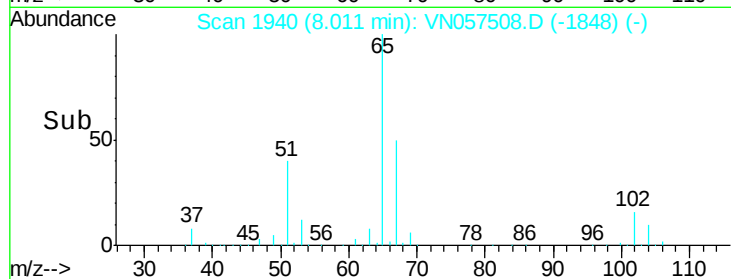
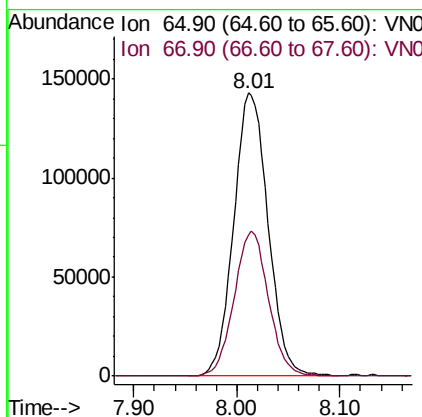
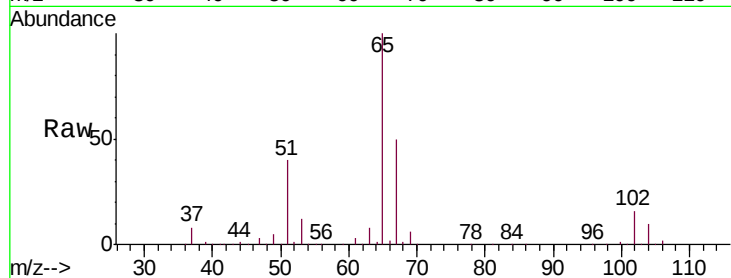




#33
 1,2-Dichloroethane-d4
 Concen: 46.908 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. -0.00 min
 Lab File: VN057508.D
 Acq: 26 Aug 2019 13:44

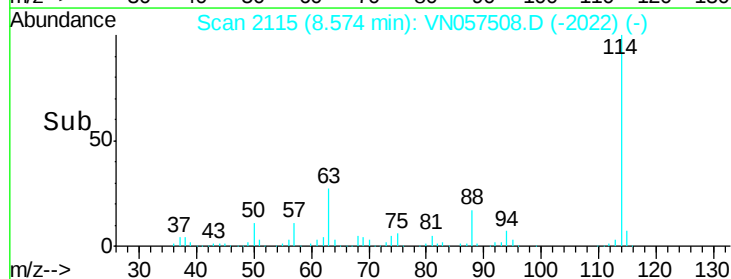
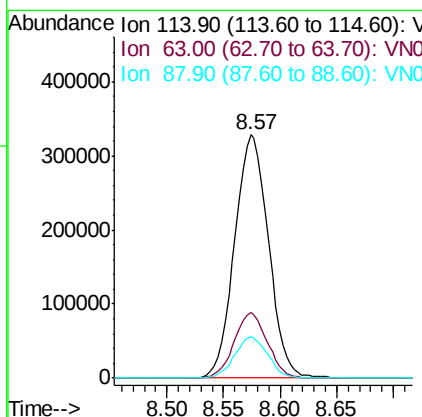
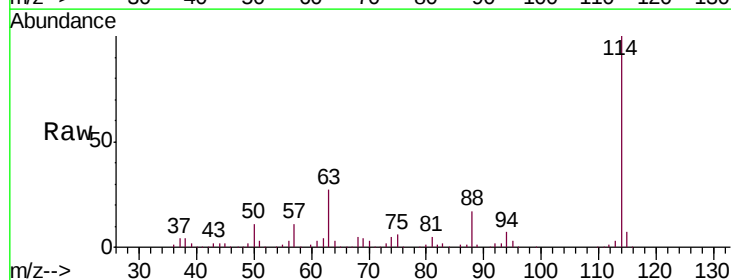
Instrument :
 MSVOA_N
 ClientSampleId :
 T1-2-E-(2.5)

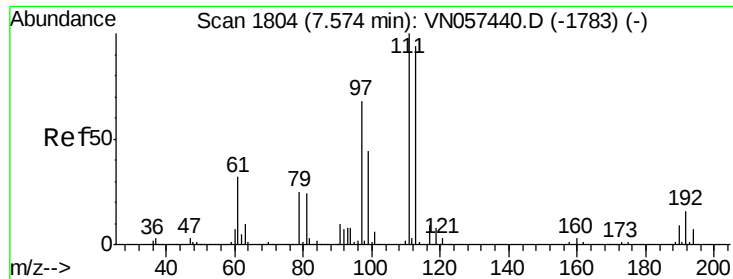
Tgt Ion: 65 Resp: 330816
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN057508.D
 Acq: 26 Aug 2019 13:44

Tgt Ion: 114 Resp: 686041
 Ion Ratio Lower Upper
 114 100
 63 26.8 0.0 50.2
 88 17.2 0.0 34.6

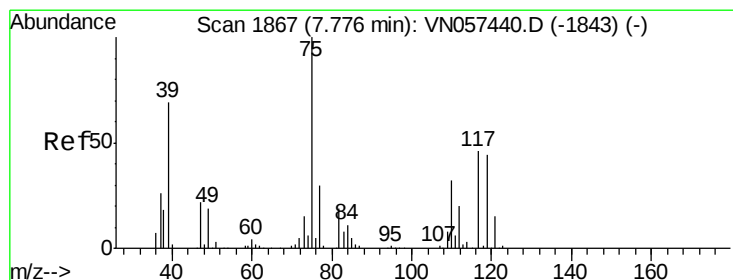
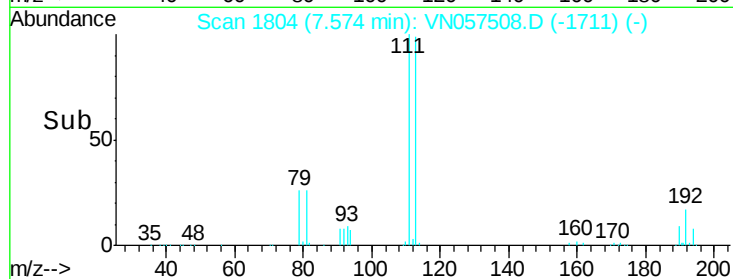
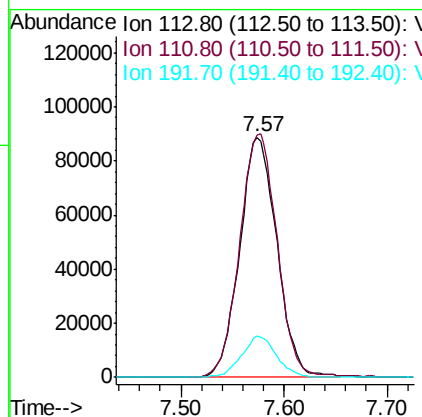
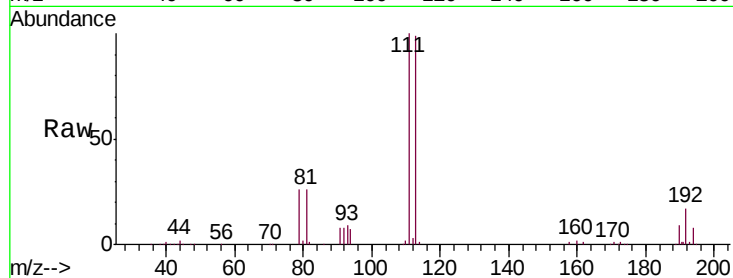




#35
 Dibromofluoromethane
 Concen: 48.001 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN057508.D
 Acq: 26 Aug 2019 13:44

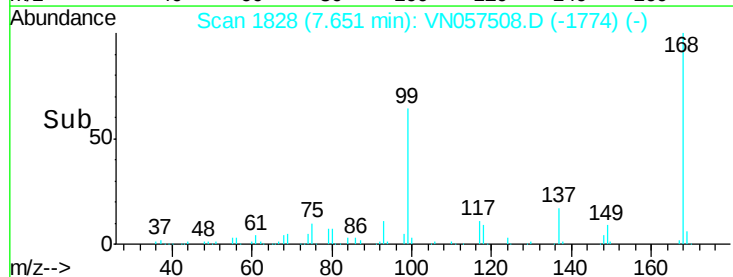
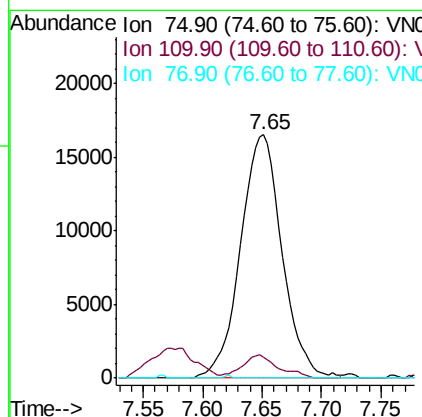
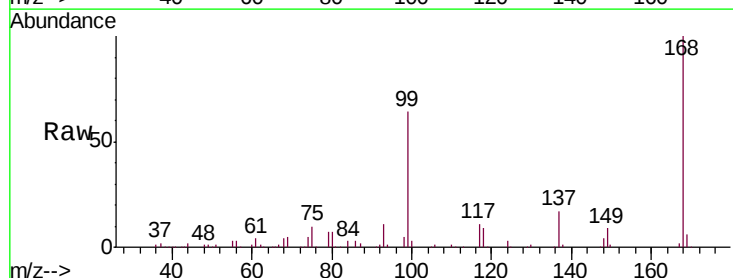
Instrument :
 MSVOA_N
 ClientSampleId :
 T1-2-E-(2.5)

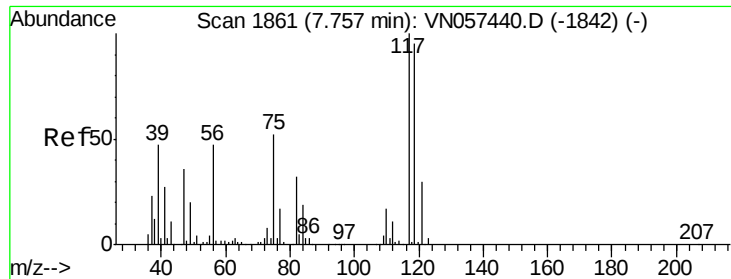
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.8	125.6
192	16.3	13.5	20.3



#36
 1,1-Dichloropropene
 Concen: 5.691 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.13 min
 Lab File: VN057508.D
 Acq: 26 Aug 2019 13:44

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.3	16.1	48.3#
77	0.0	24.8	37.2#

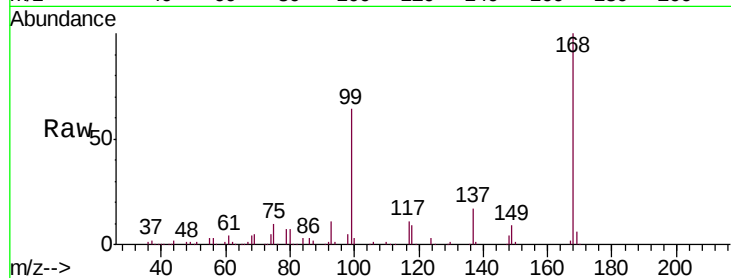




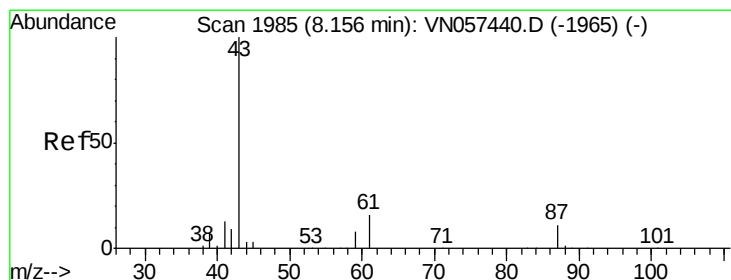
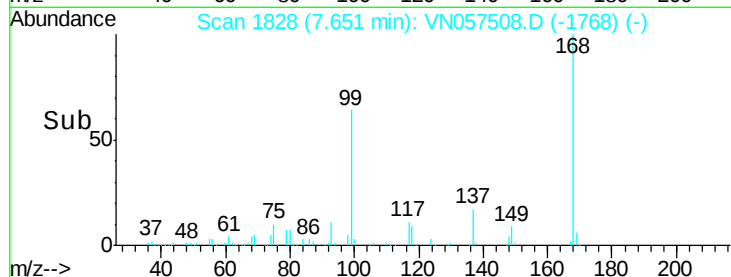
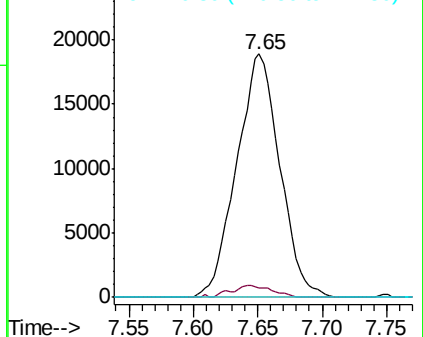
#38
Carbon Tetrachloride
Concen: 6.322 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.11 min
Lab File: VN057508.D
Acq: 26 Aug 2019 13:44

Instrument :
MSVOA_N
ClientSampleId :
T1-2-E-(2.5)

Tgt Ion:117 Resp: 44027
Ion Ratio Lower Upper
117 100
119 3.8 76.2 114.4#
121 0.0 23.8 35.6#

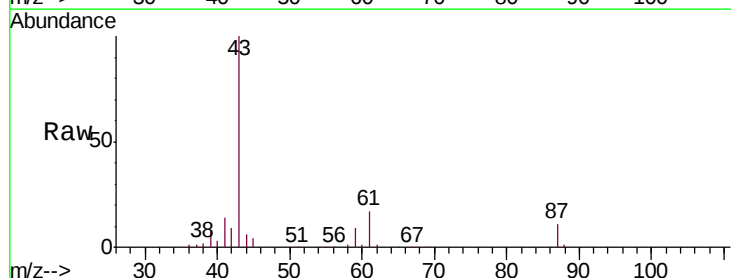


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

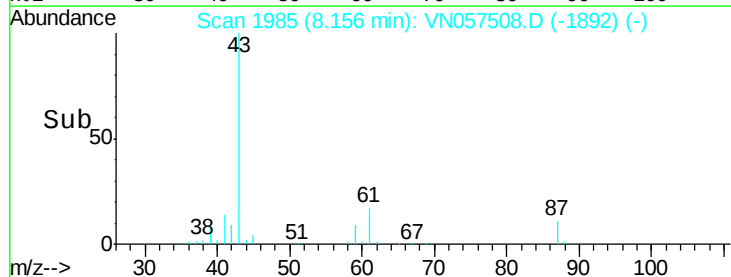
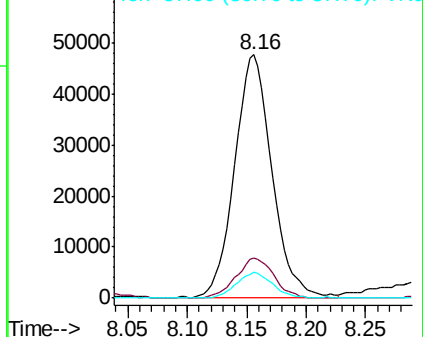


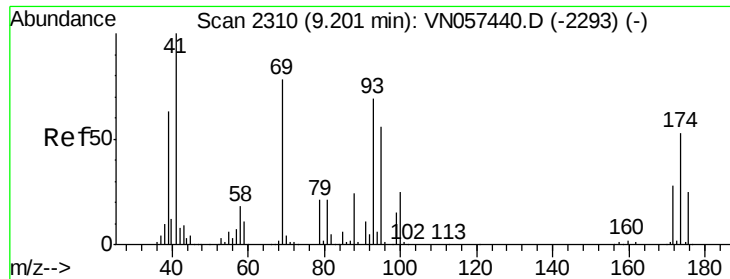
#43
Isopropyl Acetate
Concen: 8.097 ug/l
RT: 8.16 min Scan# 1985
Delta R.T. 0.00 min
Lab File: VN057508.D
Acq: 26 Aug 2019 13:44

Tgt Ion: 43 Resp: 102840
Ion Ratio Lower Upper
43 100
61 16.9 14.5 21.7
87 10.3 8.6 12.8



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

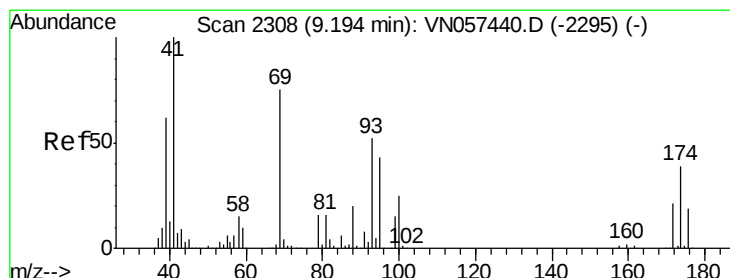
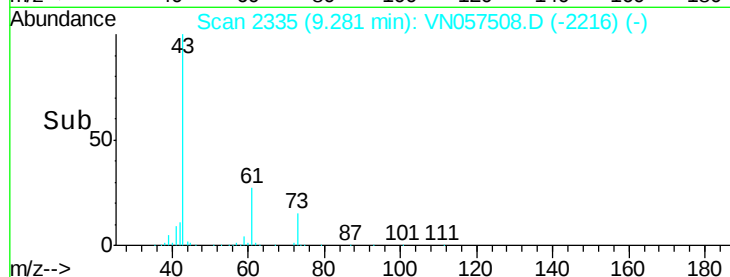
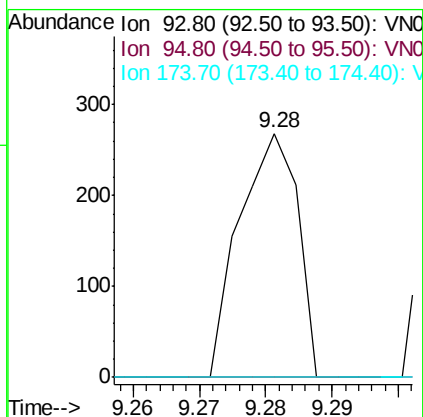
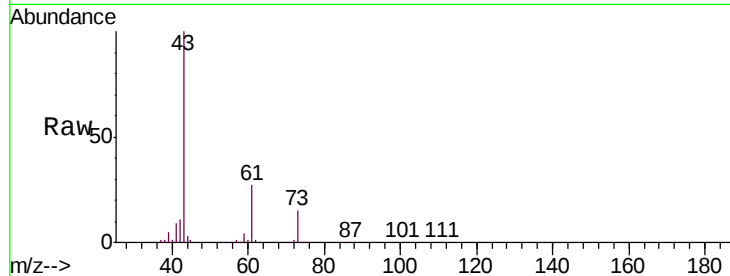




#46
 Dibromomethane
 Concen: Below Cal
 RT: 9.28 min Scan# 2335
 Delta R.T. 0.08 min
 Lab File: VN057508.D
 Acq: 26 Aug 2019 13:44

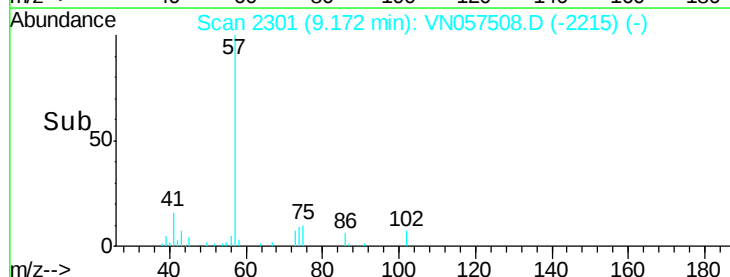
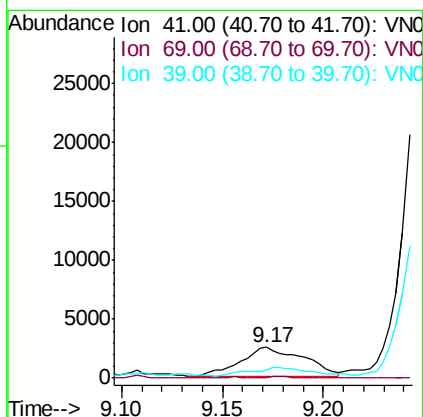
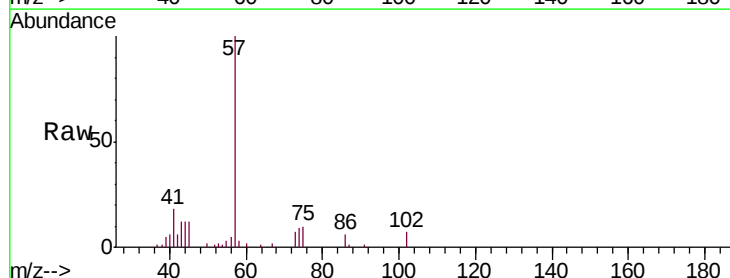
Instrument :
 MSVOA_N
 ClientSampled :
 T1-2-E-(2.5)

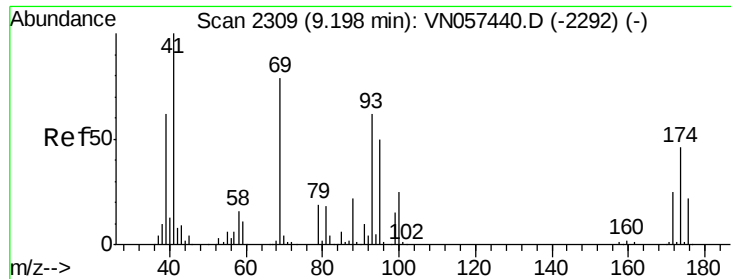
Tgt Ion: 93 Resp: 163
 Ion Ratio Lower Upper
 93 100
 95 0.0 64.7 97.1#
 174 0.0 62.3 93.5#



#48
 Methyl methacrylate
 Concen: 0.877 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.02 min
 Lab File: VN057508.D
 Acq: 26 Aug 2019 13:44

Tgt Ion: 41 Resp: 5294
 Ion Ratio Lower Upper
 41 100
 69 1.7 59.3 88.9#
 39 0.0 50.6 75.8#

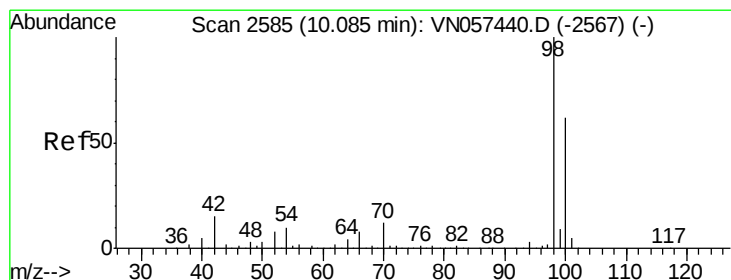
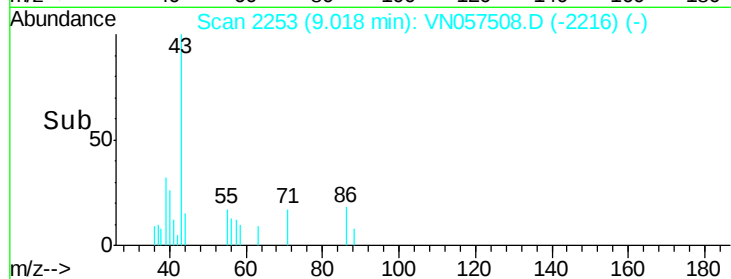
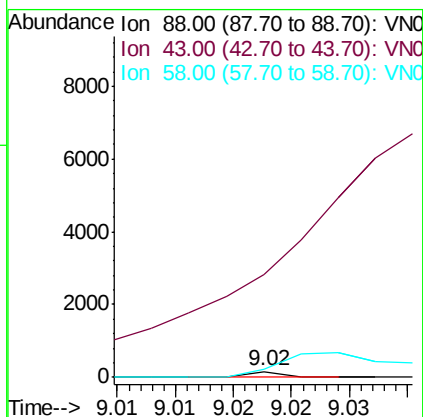
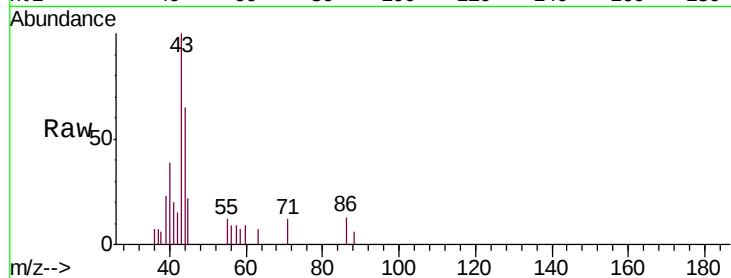




#49
1,4-Dioxane
Concen: 0.410 ug/l
RT: 9.02 min Scan# 2253
Delta R.T. -0.18 min
Lab File: VN057508.D
Acq: 26 Aug 2019 13:44

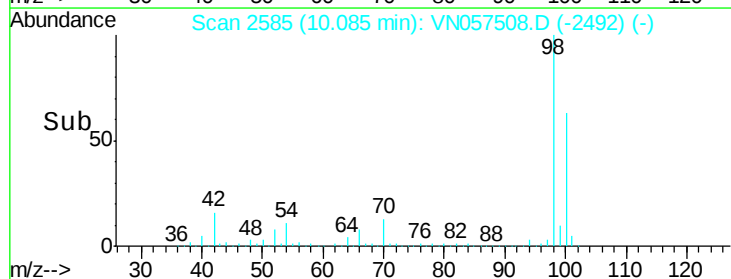
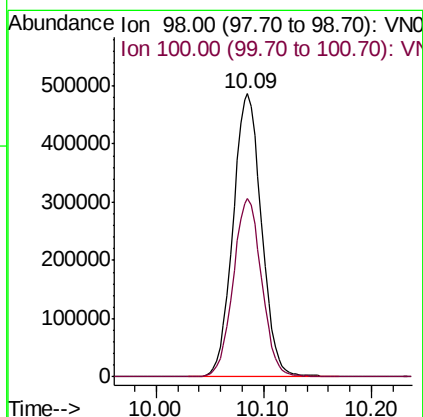
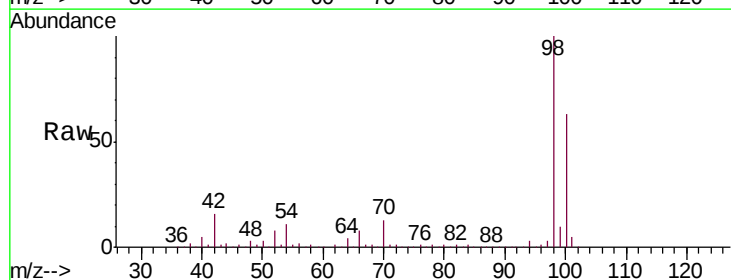
Instrument :
MSVOA_N
ClientSampleId :
T1-2-E-(2.5)

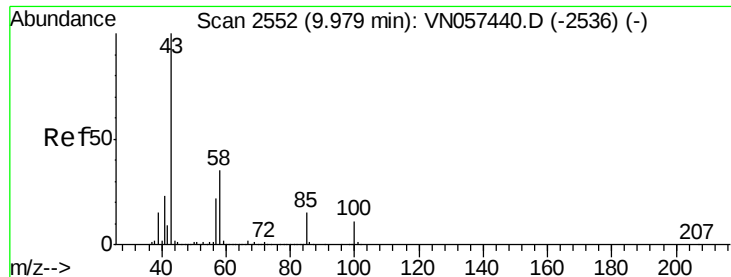
Tgt Ion: 88 Resp: 32
Ion Ratio Lower Upper
88 100
43 0.0 31.0 46.6#
58 1643.8 64.5 96.7#



#50
Toluene-d8
Concen: 51.122 ug/l
RT: 10.09 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN057508.D
Acq: 26 Aug 2019 13:44

Tgt Ion: 98 Resp: 895747
Ion Ratio Lower Upper
98 100
100 63.1 50.4 75.6





#51

4-Methyl-2-Pentanone

Concen: 0.983 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VN057508.D

Acq: 26 Aug 2019 13:44

Instrument :

MSVOA_N

ClientSampled :

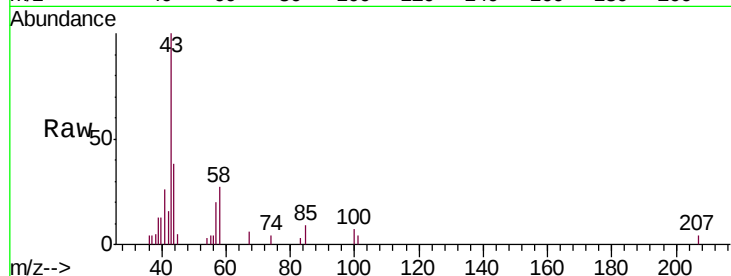
T1-2-E-(2.5)

Tgt Ion: 43 Resp: 6959

Ion Ratio Lower Upper

43 100

58 41.7 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) (-)

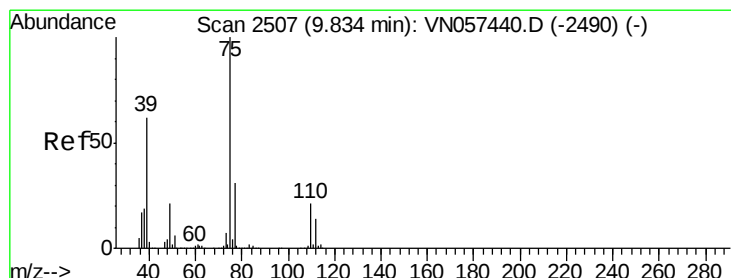
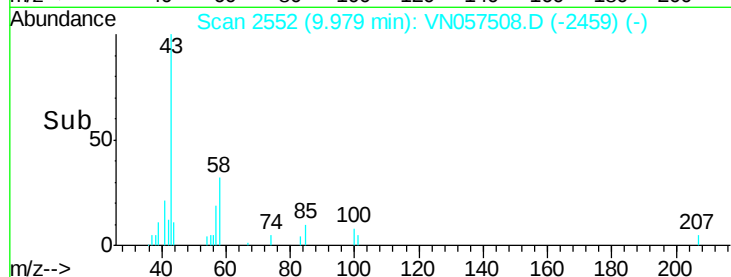
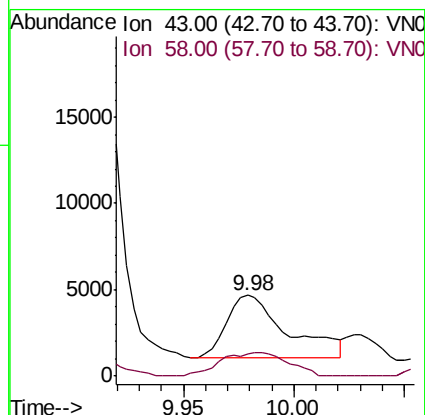
15000

10000

5000

0

9.95 9.98 10.00



#54

cis-1,3-Dichloropropene

Concen: 4.492 ug/l

RT: 9.90 min Scan# 2527

Delta R.T. 0.06 min

Lab File: VN057508.D

Acq: 26 Aug 2019 13:44

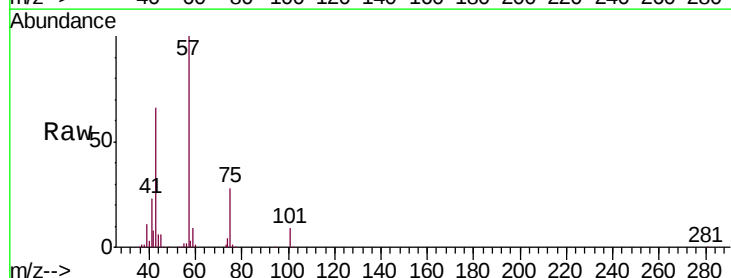
Tgt Ion: 75 Resp: 40953

Ion Ratio Lower Upper

75 100

77 0.9 25.0 37.6#

39 39.3 49.2 73.8#



Abundance Ion 74.90 (74.60 to 75.60): VN057440.D (-2490) (-)

Ion 76.90 (76.60 to 77.60): VN057440.D (-2490) (-)

Ion 39.00 (38.70 to 39.70): VN057440.D (-2490) (-)

30000

25000

20000

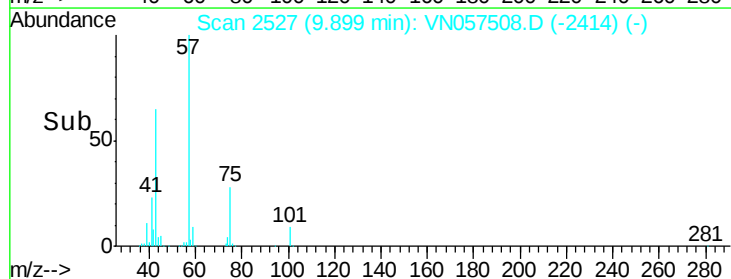
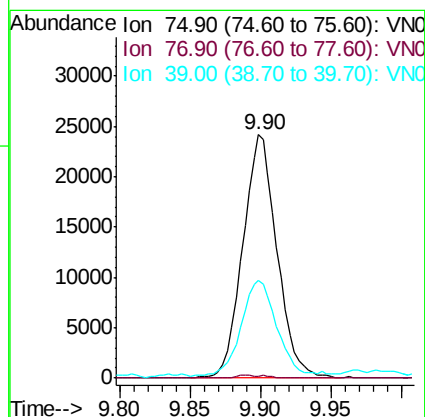
15000

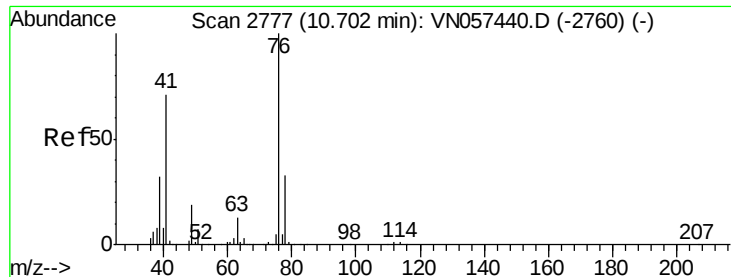
10000

5000

0

9.80 9.85 9.90 9.95





#57

1,3-Dichloropropane

Concen: 0.768 ug/l

RT: 10.76 min Scan# 2794

Delta R.T. 0.05 min

Lab File: VN057508.D

Acq: 26 Aug 2019 13:44

Instrument :

MSVOA_N

ClientSampled :

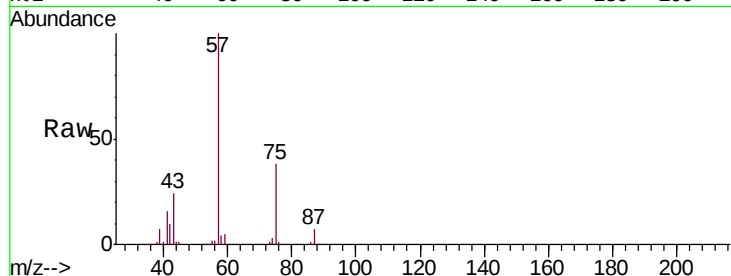
T1-2-E-(2.5)

Tgt Ion: 76 Resp: 6556

Ion Ratio Lower Upper

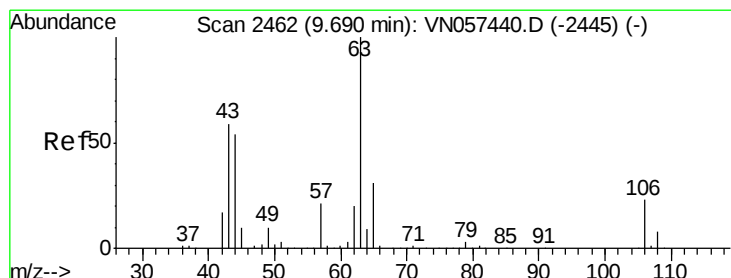
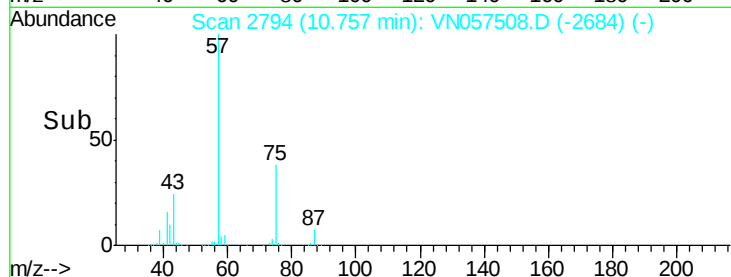
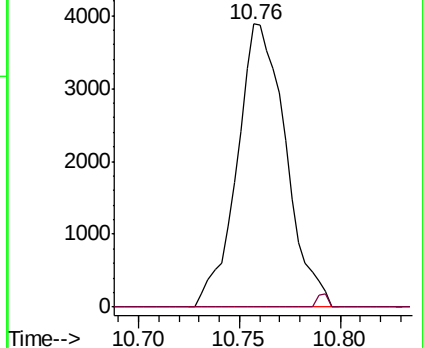
76 100

78 0.0 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: 17.091 ug/l

RT: 9.71 min Scan# 2467

Delta R.T. 0.02 min

Lab File: VN057508.D

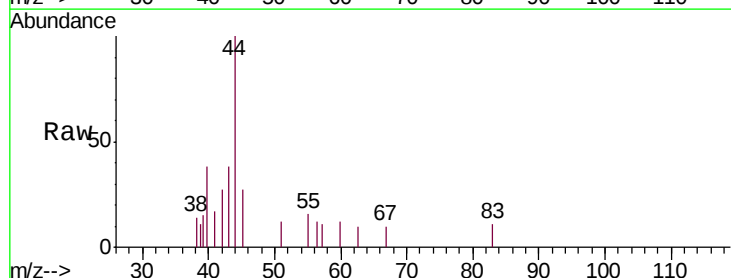
Acq: 26 Aug 2019 13:44

Tgt Ion: 63 Resp: 61

Ion Ratio Lower Upper

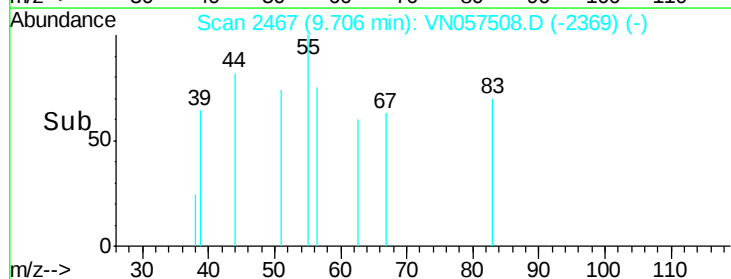
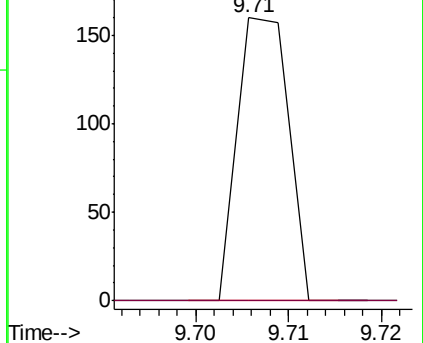
63 100

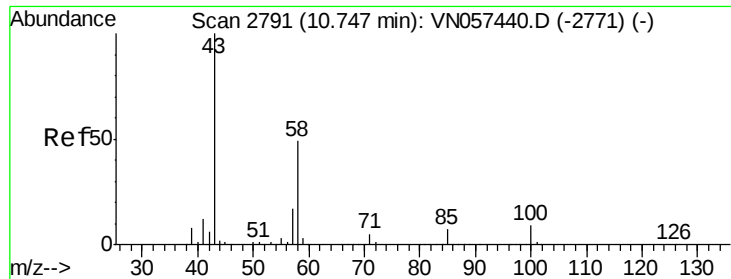
106 0.0 18.6 27.8#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

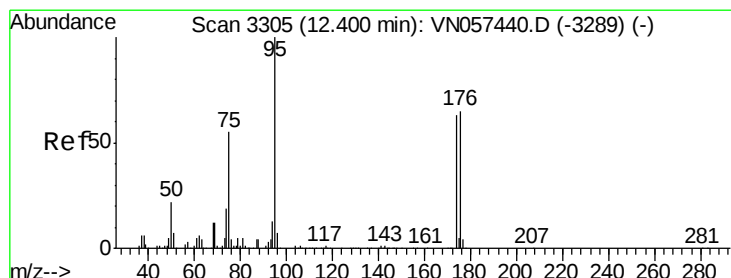
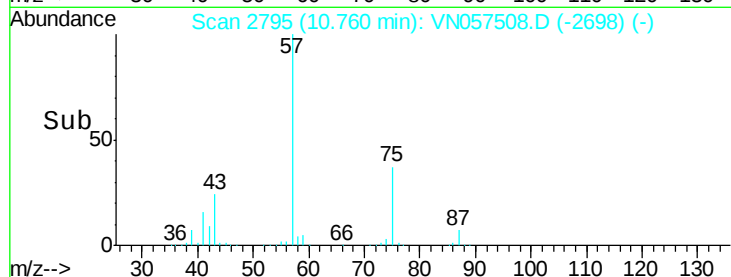
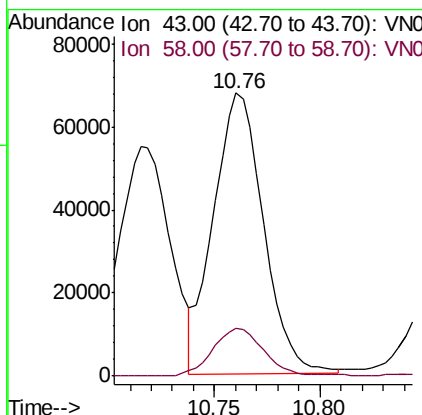
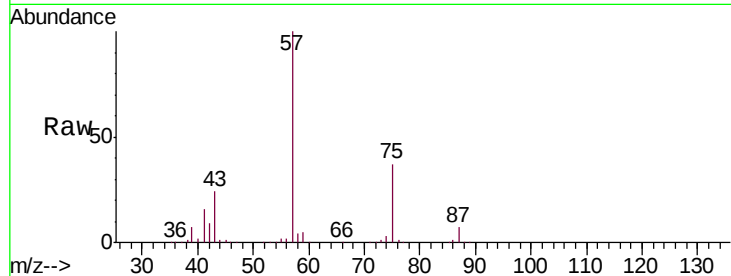




#59
2-Hexanone
Concen: 22.883 ug/l
RT: 10.76 min Scan# 2795
Delta R.T. 0.01 min
Lab File: VN057508.D
Acq: 26 Aug 2019 13:44

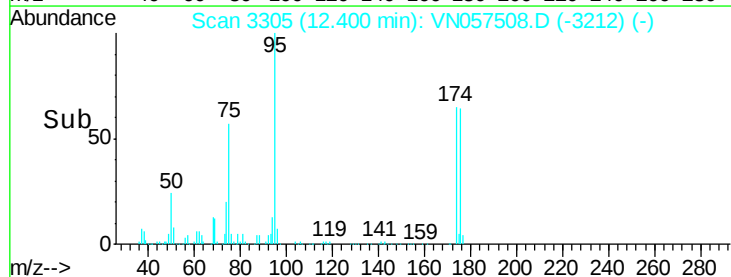
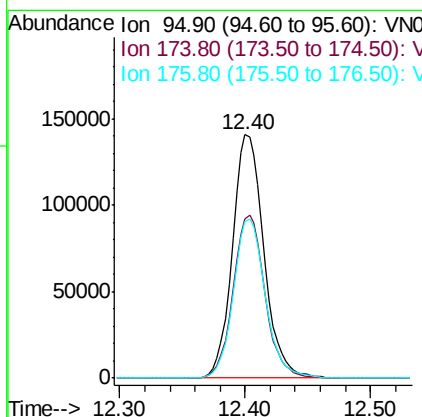
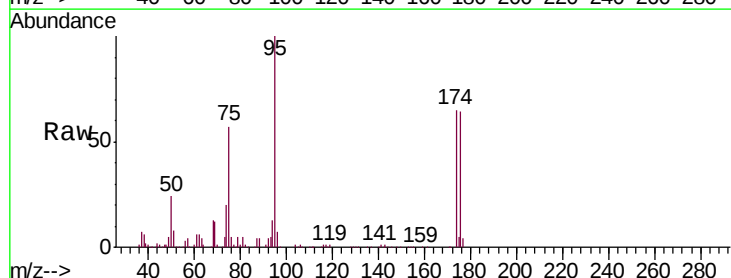
Instrument :
MSVOA_N
ClientSampled :
T1-2-E-(2.5)

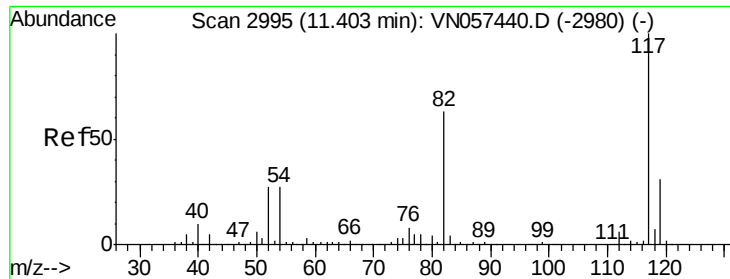
Tgt Ion: 43 Resp: 111098
Ion Ratio Lower Upper
43 100
58 17.3 24.6 73.6#



#62
4-Bromofluorobenzene
Concen: 41.241 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN057508.D
Acq: 26 Aug 2019 13:44

Tgt Ion: 95 Resp: 244880
Ion Ratio Lower Upper
95 100
174 67.6 0.0 133.0
176 66.3 0.0 130.8

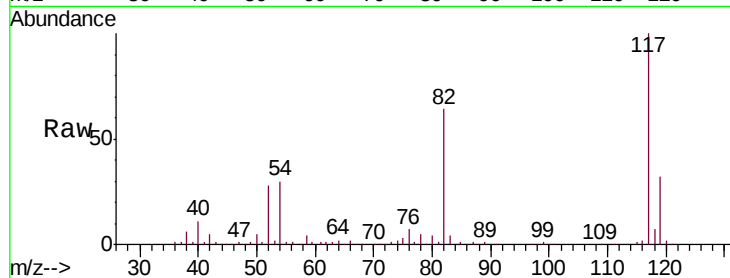




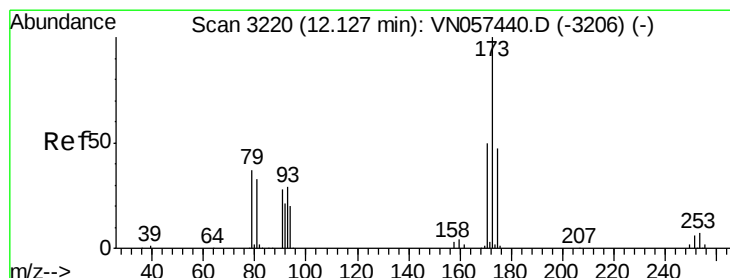
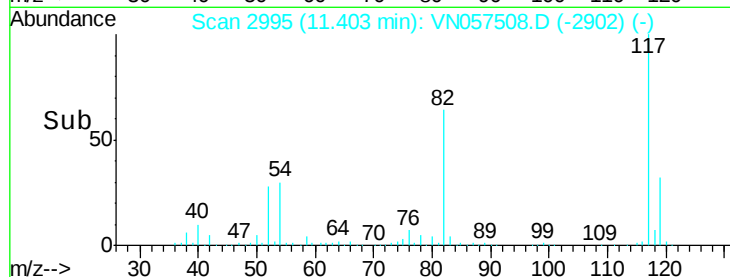
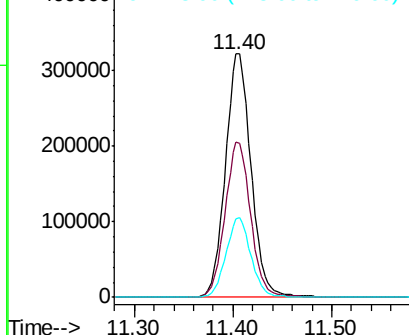
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. 0.00 min
Lab File: VN057508.D
Acq: 26 Aug 2019 13:44

Instrument :
MSVOA_N
ClientSampled :
T1-2-E-(2.5)

Tgt Ion:117 Resp: 588036
Ion Ratio Lower Upper
117 100
82 63.8 50.6 75.8
119 32.1 24.6 36.8

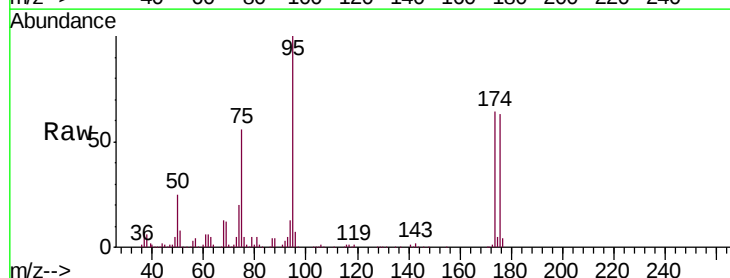


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

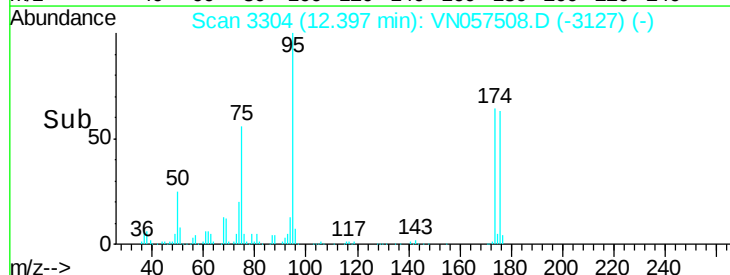
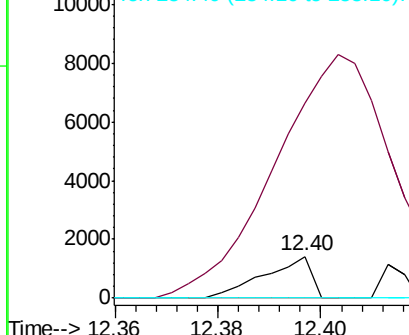


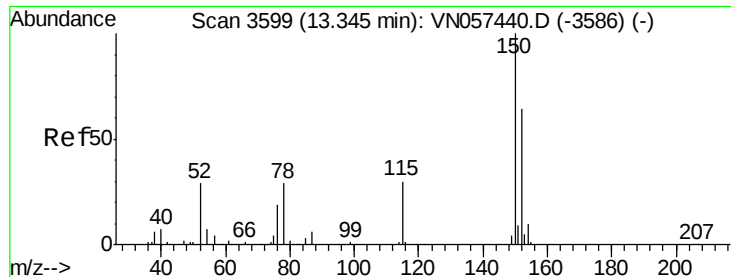
#71
Bromoform
Concen: 0.290 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.27 min
Lab File: VN057508.D
Acq: 26 Aug 2019 13:44

Tgt Ion:173 Resp: 894
Ion Ratio Lower Upper
173 100
175 1295.4 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# 3599

Delta R.T. 0.00 min

Lab File: VN057508.D

Acq: 26 Aug 2019 13:44

Instrument :

MSVOA_N

ClientSampled :

T1-2-E-(2.5)

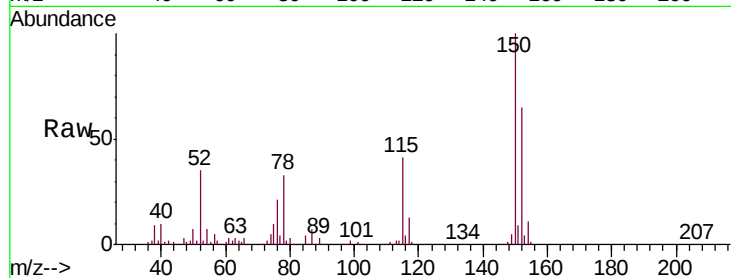
Tgt Ion:152 Resp: 141437

Ion Ratio Lower Upper

152 100

115 63.5 32.0 96.0

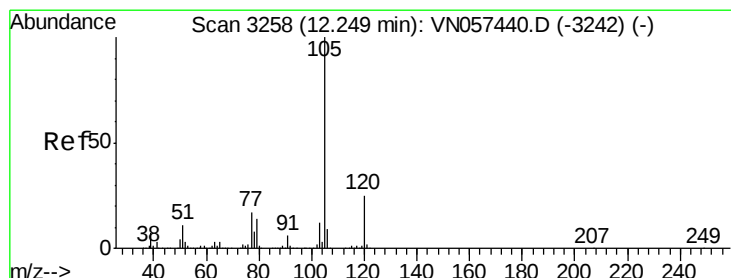
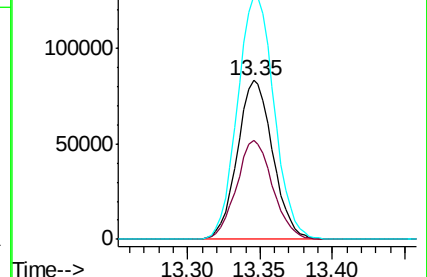
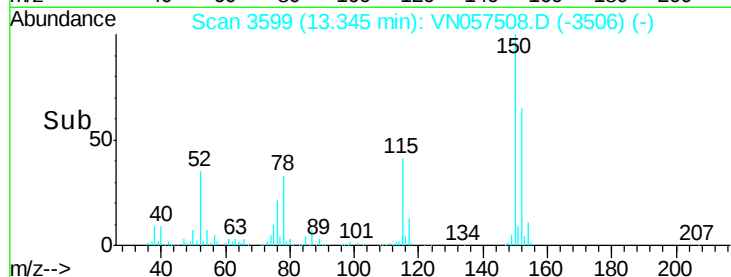
150 158.5 0.0 346.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: Below Cal

RT: 12.26 min Scan# 3260

Delta R.T. 0.01 min

Lab File: VN057508.D

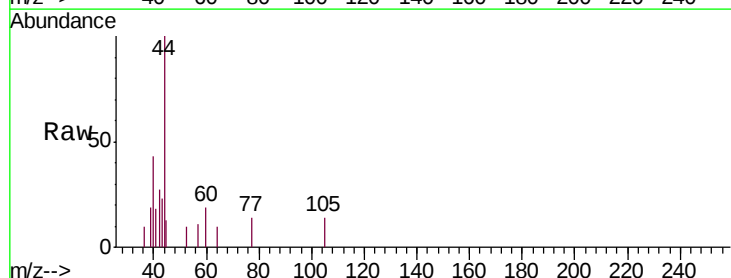
Acq: 26 Aug 2019 13:44

Tgt Ion:105 Resp: 200

Ion Ratio Lower Upper

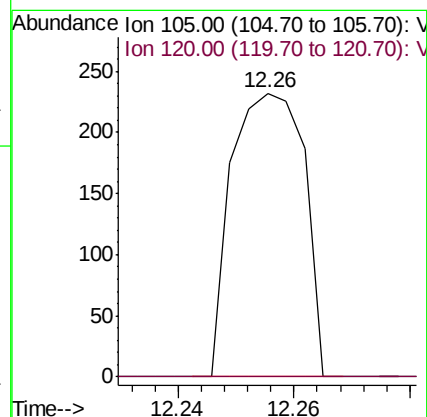
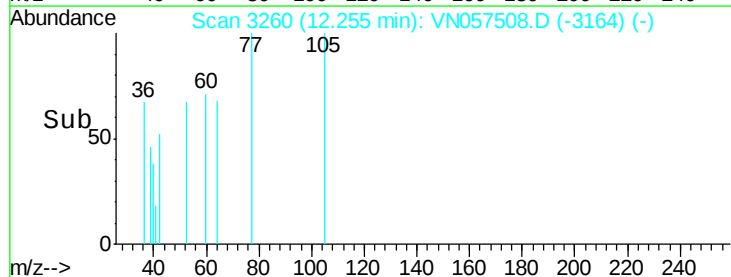
105 100

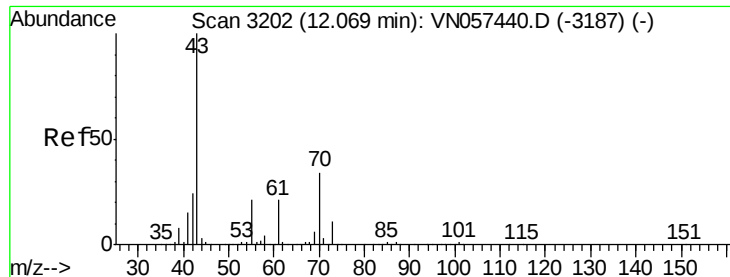
120 0.0 12.7 38.0#



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: 12.04 min Scan# 3192

Delta R.T. -0.03 min

Lab File: VN057508.D

Acq: 26 Aug 2019 13:44

Instrument :

MSVOA_N

ClientSampled :

T1-2-E-(2.5)

Tgt Ion: 43 Resp: 3091

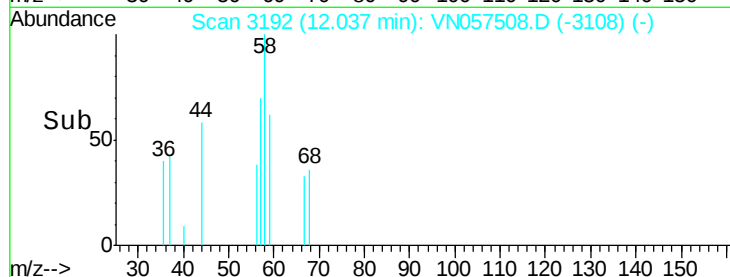
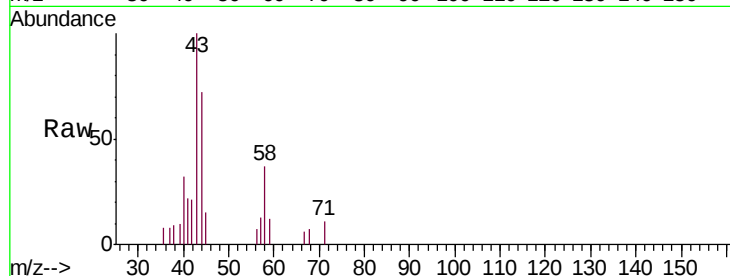
Ion Ratio Lower Upper

43 100

70 0.0 27.8 41.6#

55 5.6 17.0 25.4#

61 0.0 17.0 25.6#

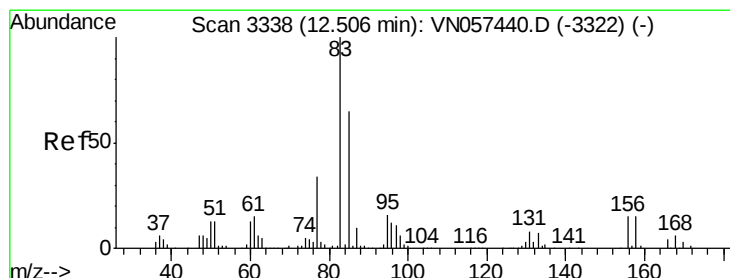
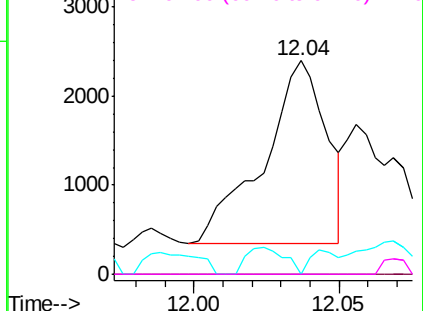


Abundance Ion 43.00 (42.70 to 43.70): VNO

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: 12.49 min Scan# 3332

Delta R.T. -0.02 min

Lab File: VN057508.D

Acq: 26 Aug 2019 13:44

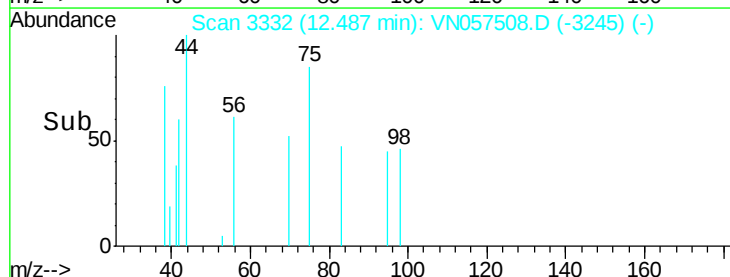
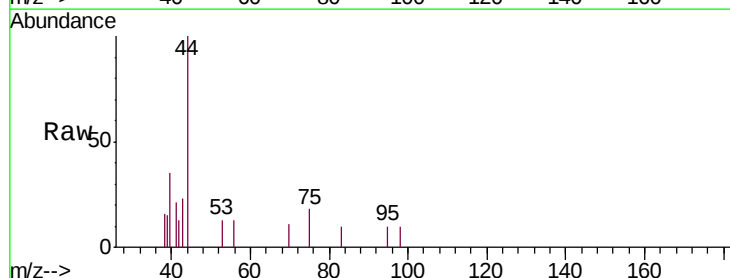
Tgt Ion: 83 Resp: 30

Ion Ratio Lower Upper

83 100

131 0.0 4.3 13.1#

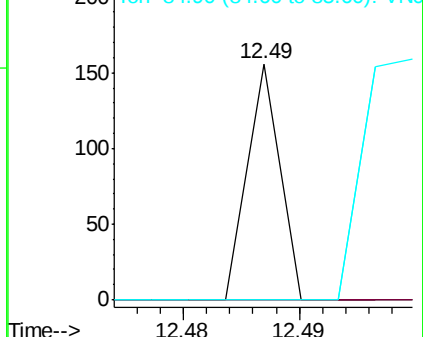
85 203.3 32.3 96.8#

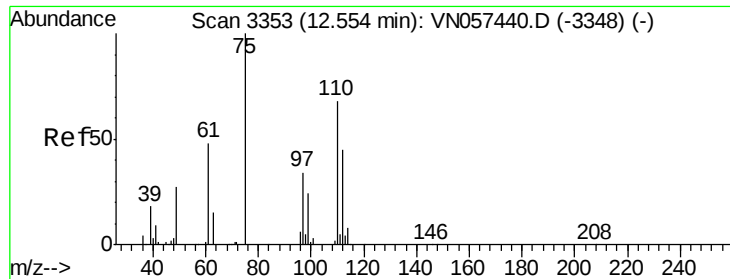


Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO

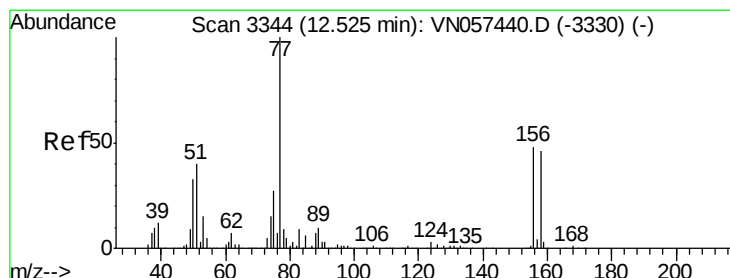
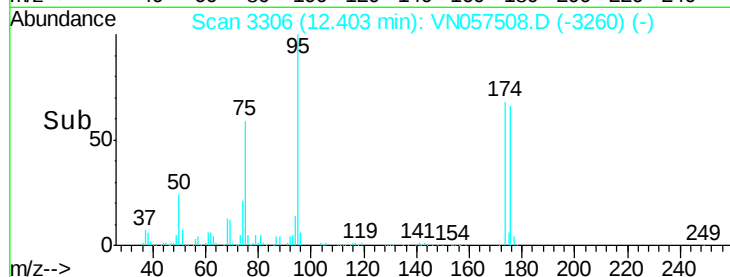
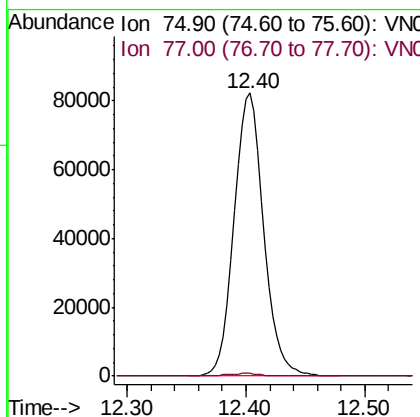
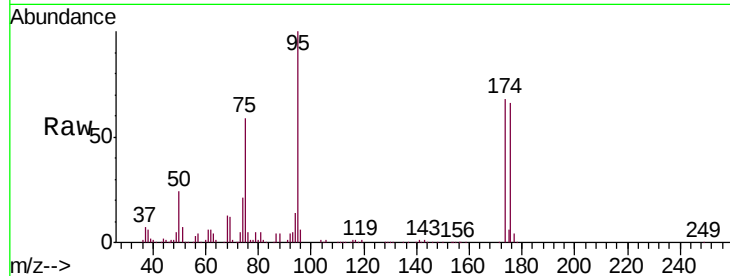




#76
 1,2,3-Trichloropropane
 Concen: 44.899 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. -0.15 min
 Lab File: VN057508.D
 Acq: 26 Aug 2019 13:44

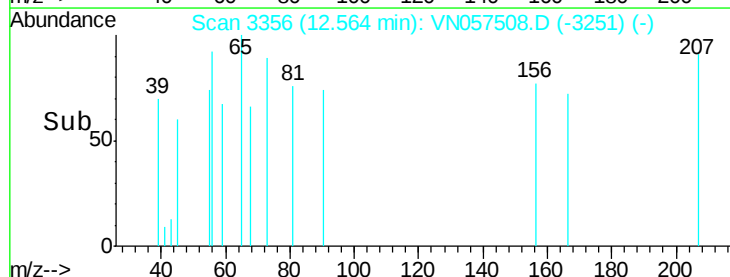
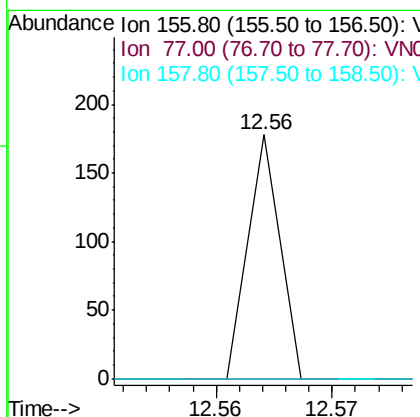
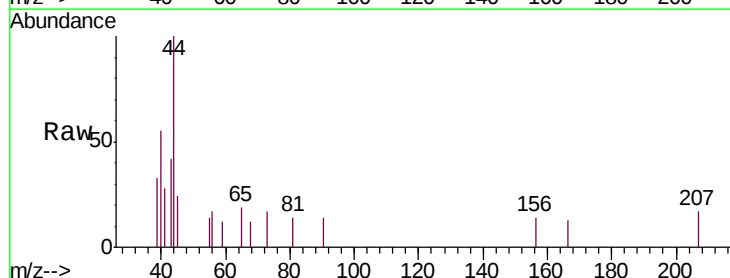
Instrument :
 MSVOA_N
 ClientSampled :
 T1-2-E-(2.5)

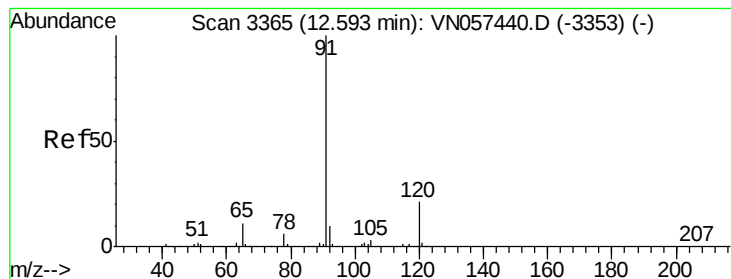
Tgt Ion: 75 Resp: 141756
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#



#77
 Bromobenzene
 Concen: Below Cal
 RT: 12.56 min Scan# 3356
 Delta R.T. 0.04 min
 Lab File: VN057508.D
 Acq: 26 Aug 2019 13:44

Tgt Ion: 156 Resp: 34
 Ion Ratio Lower Upper
 156 100
 77 0.0 124.4 373.3#
 158 0.0 48.3 144.8#





#78

n-propylbenzene

Concen: Below Cal

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN057508.D

Acq: 26 Aug 2019 13:44

Instrument :

MSVOA_N

ClientSampled :

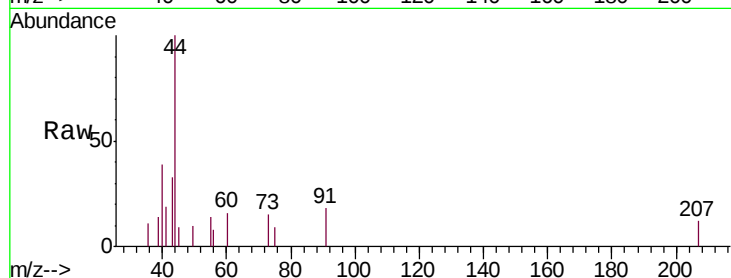
T1-2-E-(2.5)

Tgt Ion: 91 Resp: 334

Ion Ratio Lower Upper

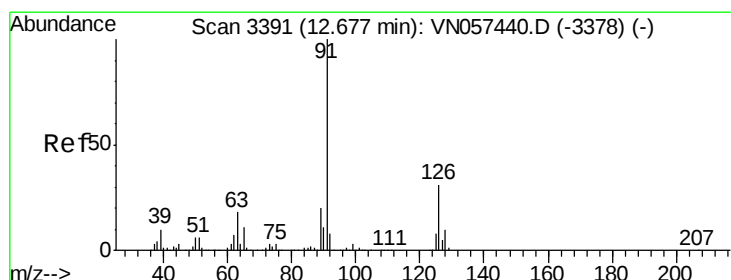
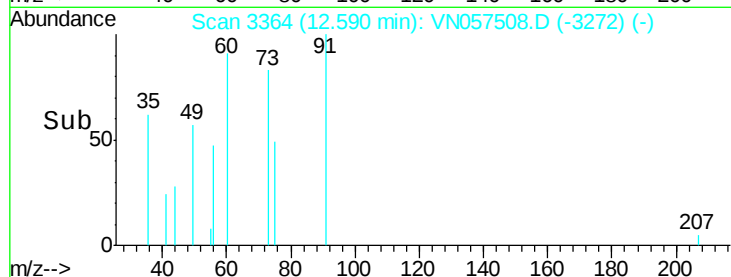
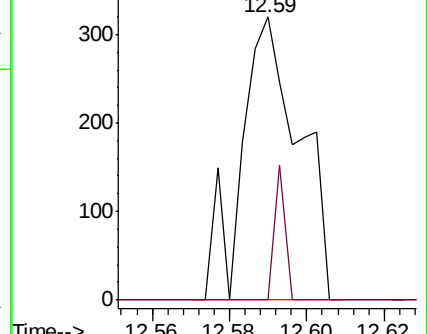
91 100

120 9.0 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: 12.65 min Scan# 3384

Delta R.T. -0.02 min

Lab File: VN057508.D

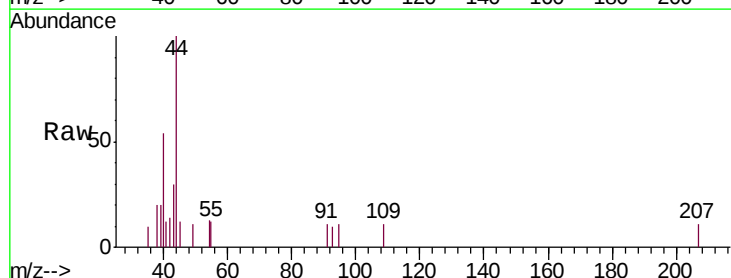
Acq: 26 Aug 2019 13:44

Tgt Ion: 91 Resp: 124

Ion Ratio Lower Upper

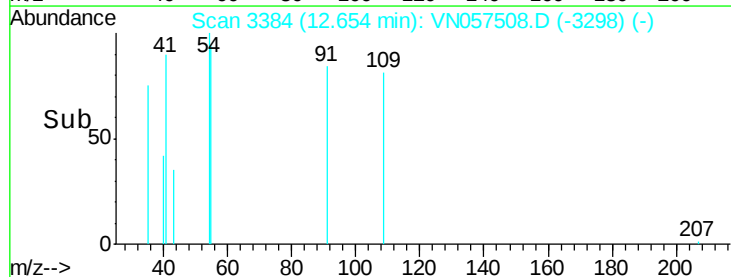
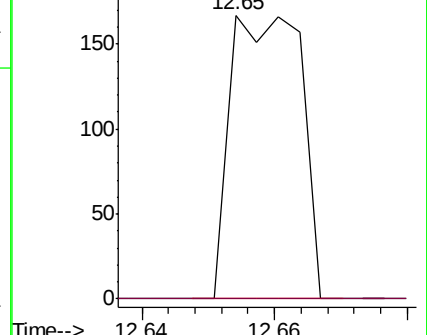
91 100

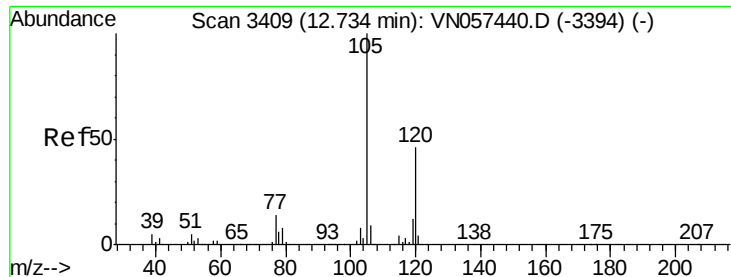
126 0.0 15.3 45.8#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

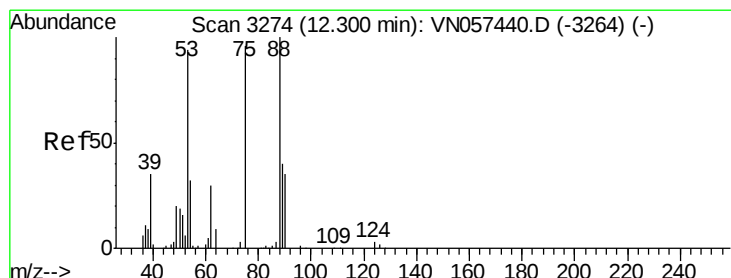
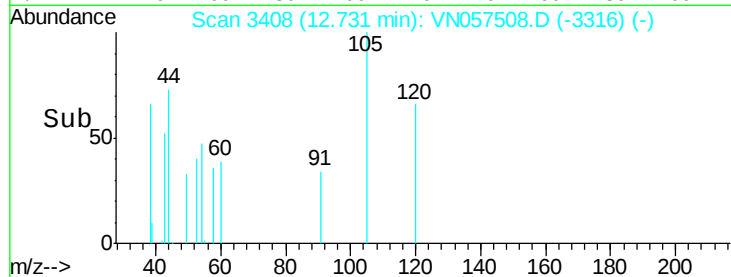
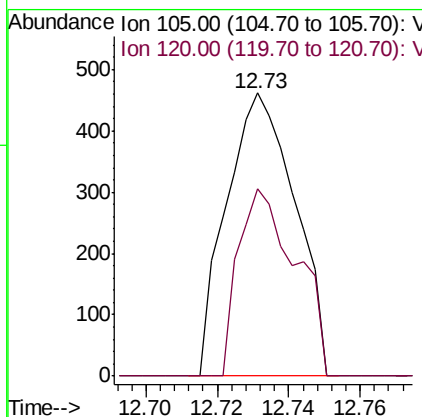
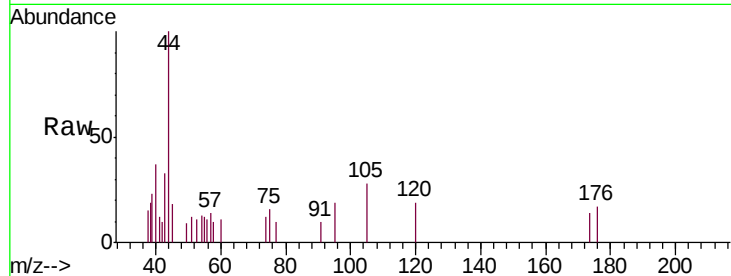




#80
 1,3,5-Trimethylbenzene
 Concen: Below Cal
 RT: 12.73 min Scan# 3408
 Delta R.T. -0.00 min
 Lab File: VN057508.D
 Acq: 26 Aug 2019 13:44

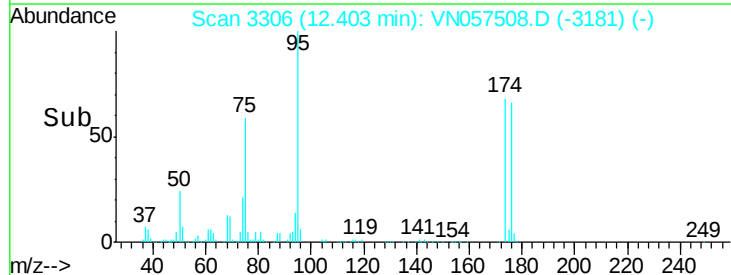
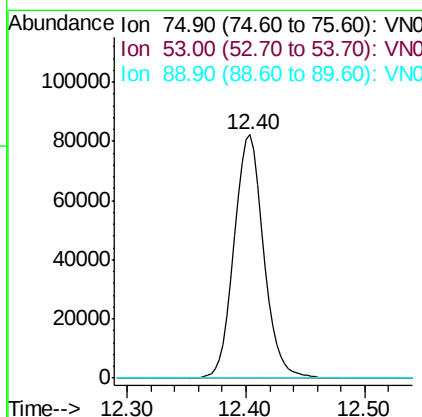
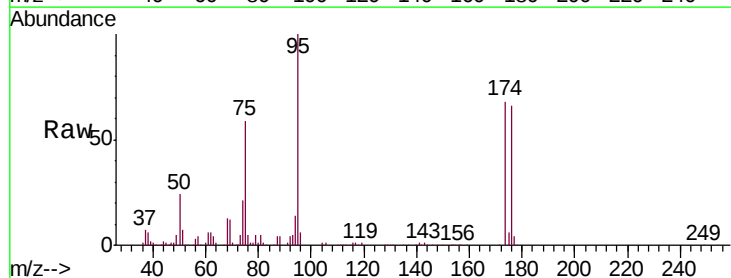
Instrument :
 MSVOA_N
 ClientSampled :
 T1-2-E-(2.5)

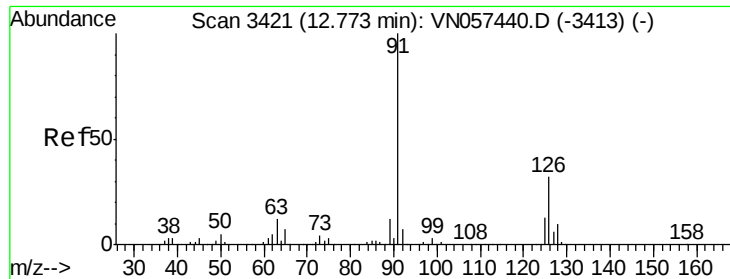
Tgt Ion: 105 Resp: 611
 Ion Ratio Lower Upper
 105 100
 120 55.8 23.3 69.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 115.107 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN057508.D
 Acq: 26 Aug 2019 13:44

Tgt Ion: 75 Resp: 141756
 Ion Ratio Lower Upper
 75 100
 53 0.1 82.7 124.1#
 89 0.0 35.8 53.8#





#82

4-Chlorotoluene

Concen: Below Cal

RT: 12.78 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN057508.D

Acq: 26 Aug 2019 13:44

Instrument :

MSVOA_N

ClientSampleId :

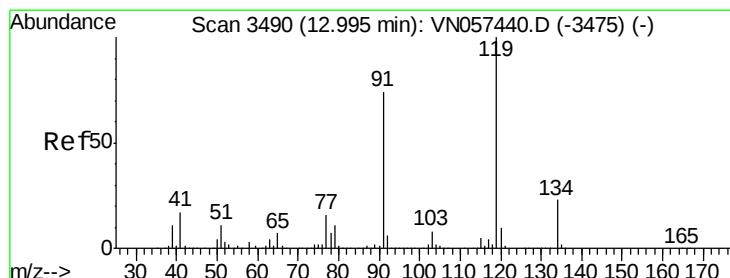
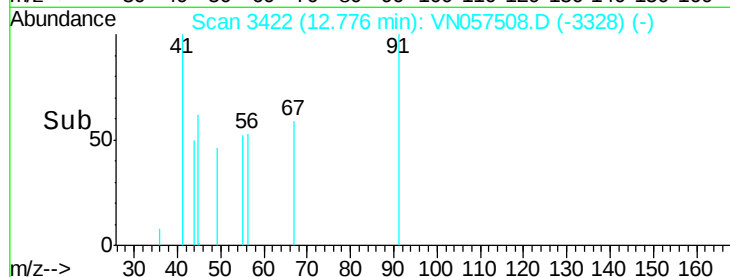
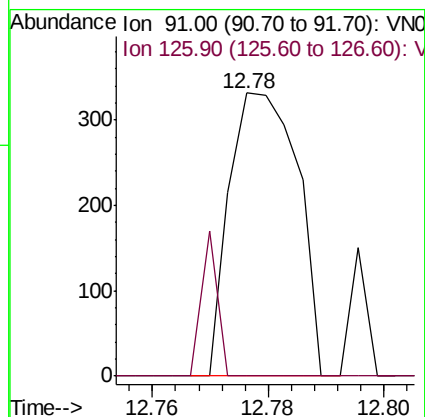
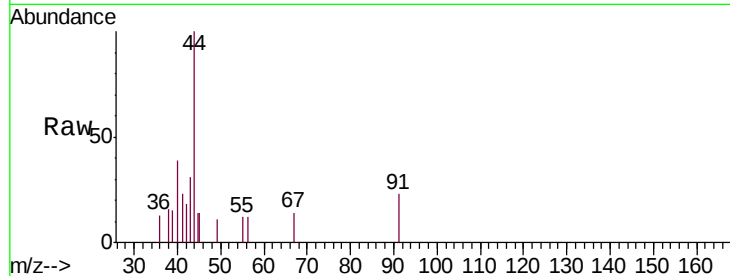
T1-2-E-(2.5)

Tgt Ion: 91 Resp: 270

Ion Ratio Lower Upper

91 100

126 12.2 15.0 45.0#



#83

tert-Butylbenzene

Concen: Below Cal

RT: 12.99 min Scan# 3489

Delta R.T. -0.00 min

Lab File: VN057508.D

Acq: 26 Aug 2019 13:44

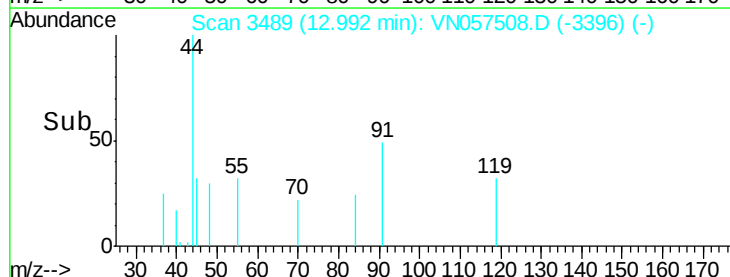
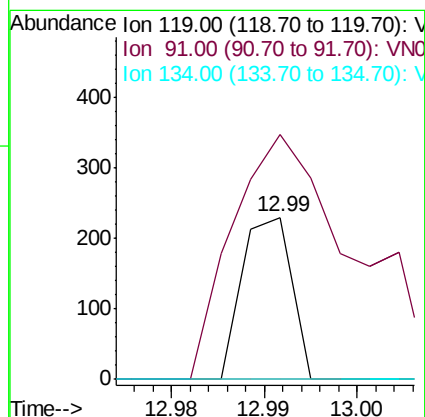
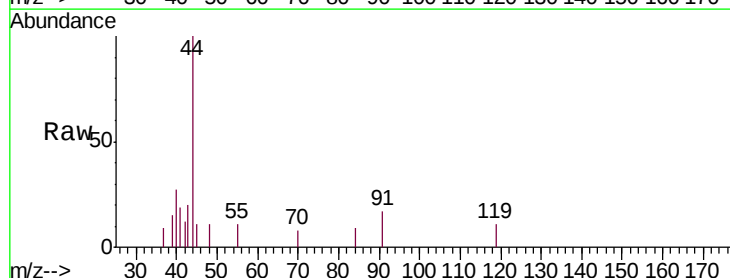
Tgt Ion: 119 Resp: 85

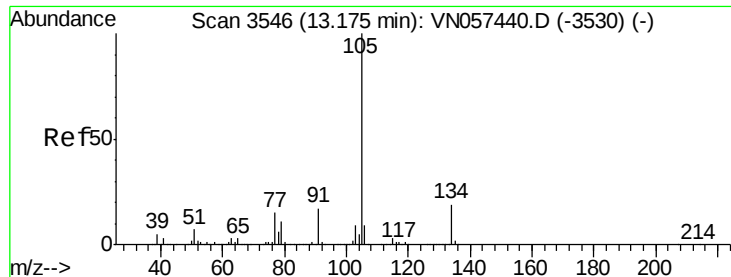
Ion Ratio Lower Upper

119 100

91 365.9 37.0 111.0#

134 0.0 12.2 36.6#

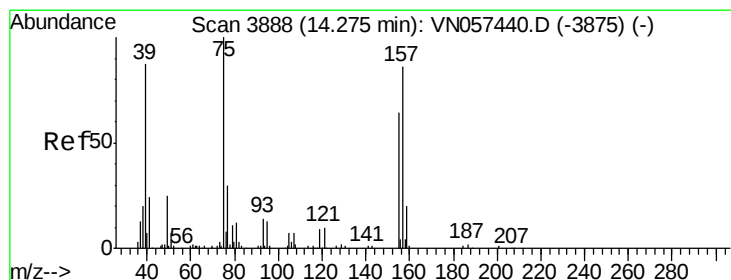
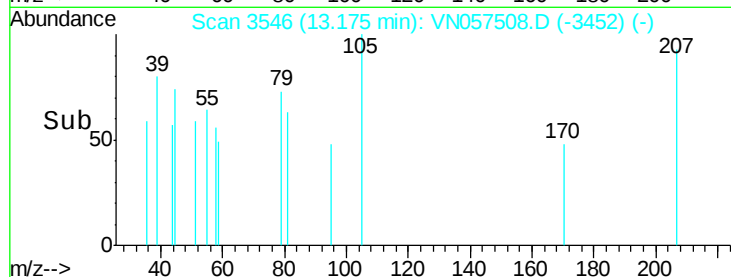
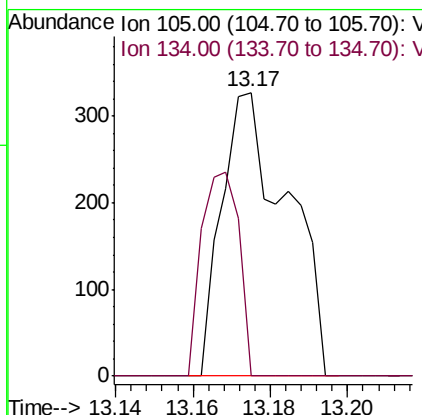
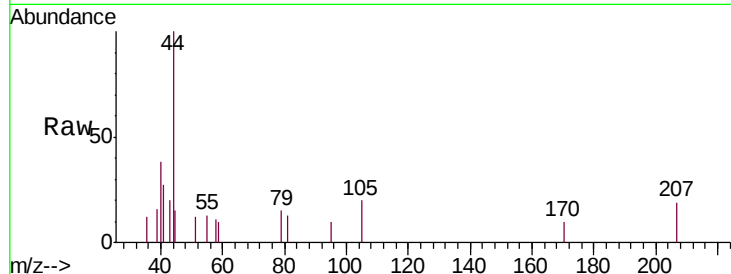




#85
 sec-Butylbenzene
 Concen: Below Cal
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN057508.D
 Acq: 26 Aug 2019 13:44

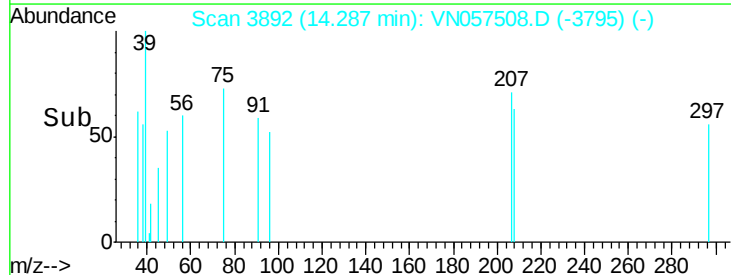
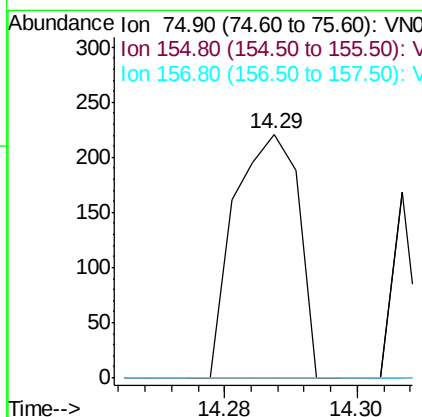
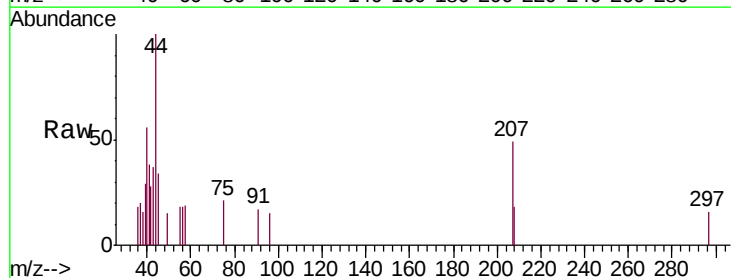
Instrument :
 MSVOA_N
 ClientSampled :
 T1-2-E-(2.5)

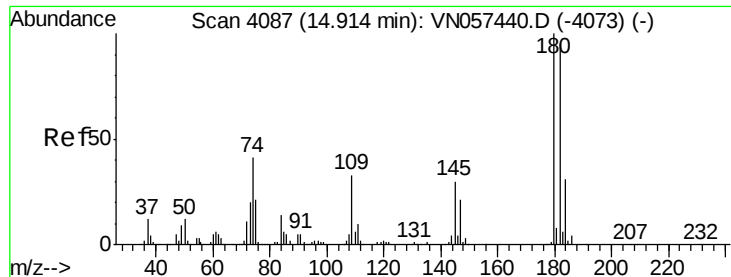
Tgt Ion: 105 Resp: 384
 Ion Ratio Lower Upper
 105 100
 134 41.1 9.3 27.9#



#92
 1,2-Dibromo-3-Chloropropane
 Concen: Below Cal
 RT: 14.29 min Scan# 3892
 Delta R.T. 0.01 min
 Lab File: VN057508.D
 Acq: 26 Aug 2019 13:44

Tgt Ion: 75 Resp: 148
 Ion Ratio Lower Upper
 75 100
 155 0.0 31.6 94.7#
 157 0.0 43.3 129.8#

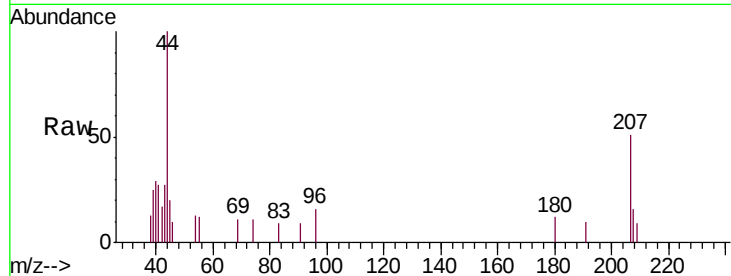




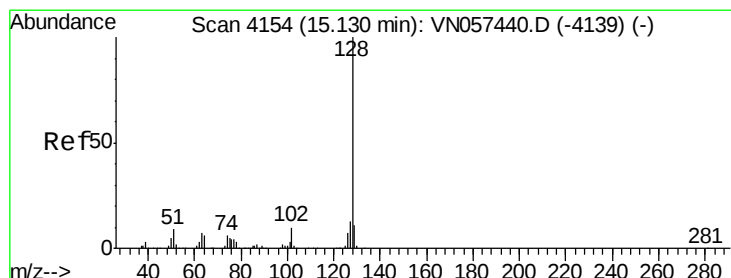
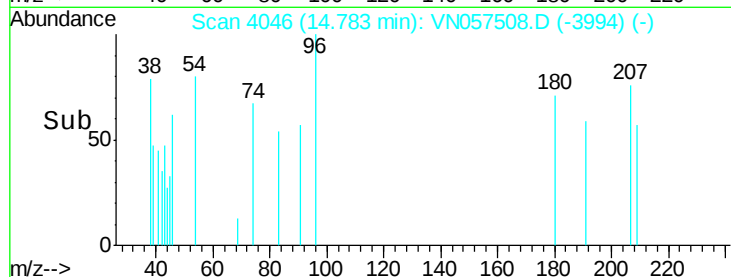
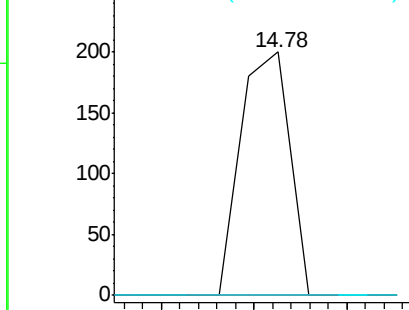
#93
 1,2,4-Trichlorobenzene
 Concen: 5.409 ug/l
 RT: 14.78 min Scan# 4046
 Delta R.T. -0.13 min
 Lab File: VN057508.D
 Acq: 26 Aug 2019 13:44

Instrument :
 MSVOA_N
 ClientSampled :
 T1-2-E-(2.5)

Tgt Ion:180 Resp: 73
 Ion Ratio Lower Upper
 180 100
 182 0.0 46.7 140.1#
 145 0.0 15.6 46.8#

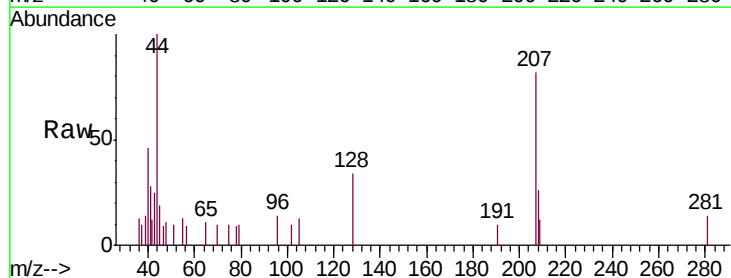


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

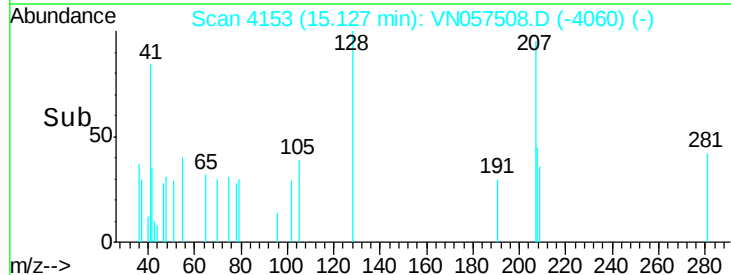
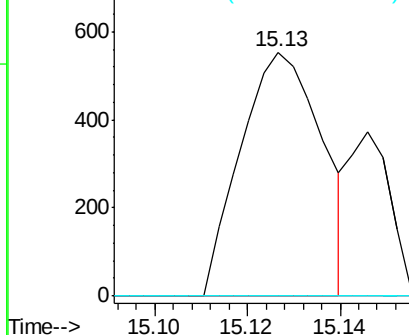


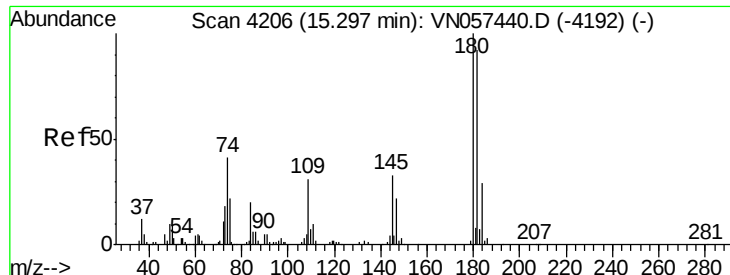
#95
 Naphthalene
 Concen: 4.449 ug/l
 RT: 15.13 min Scan# 4153
 Delta R.T. -0.00 min
 Lab File: VN057508.D
 Acq: 26 Aug 2019 13:44

Tgt Ion:128 Resp: 674
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.5 15.7#
 129 0.0 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

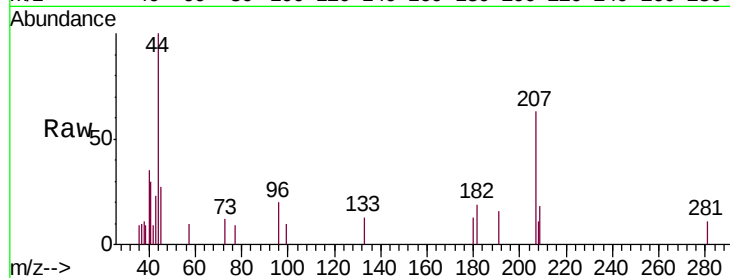




#96
 1,2,3-Trichlorobenzene
 Concen: 5.199 ug/l
 RT: 15.29 min Scan# 4205
 Delta R.T. -0.00 min
 Lab File: VN057508.D
 Acq: 26 Aug 2019 13:44

Instrument :
 MSVOA_N
 ClientSampleId :
 T1-2-E-(2.5)

Tgt Ion	Ratio	Lower	Upper
180	100		
182	136.6	46.7	140.1
145	0.0	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

