

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082419\
 Data File : VN057494.D
 Acq On : 24 Aug 2019 00:43
 Operator : JC/SP
 Sample : K4472-38
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T6-S2(2.5)

Quant Time: Aug 26 05:17:05 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	376835	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	656726	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	540360	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	139302	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	320762	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	
35) Dibromofluoromethane	7.58	113	213123	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	
50) Toluene-d8	10.09	98	823302	49.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.16%	
62) 4-Bromofluorobenzene	12.40	95	229543	40.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.39	74	2574	Below Cal		86
9) 1,1,2-Trichlorotrifluoroet	3.73	101	60	Below Cal	#	1
13) Acrolein	3.57	56	263	0.363	ug/l #	1
16) Acetone	3.79	43	34248	11.250	ug/l	95
18) Methyl Acetate	4.30	43	10551	0.665	ug/l #	77
20) Methylene Chloride	4.52	84	7977	1.695	ug/l #	93
31) Cyclohexane	7.65	56	12222	1.313	ug/l #	25
36) 1,1-Dichloropropene	7.65	75	37154	5.537	ug/l #	52
38) Carbon Tetrachloride	7.65	117	40883	6.133	ug/l #	16
41) Methacrylonitrile	7.13	41	800	0.253	ug/l #	31
43) Isopropyl Acetate	8.16	43	96098	7.904	ug/l	99
48) Methyl methacrylate	9.26	41	134329	23.234	ug/l #	48
49) 1,4-Dioxane	9.19	88	64	0.856	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	6267	0.925	ug/l #	87
54) cis-1,3-Dichloropropene	9.90	75	37456	4.292	ug/l #	62
57) 1,3-Dichloropropane	10.76	76	5843	0.715	ug/l #	46
58) 2-Chloroethyl Vinyl ether	9.72	63	34	17.080	ug/l #	52
59) 2-Hexanone	10.76	43	87797	18.891	ug/l #	55
71) Bromoform	12.40	173	2002	0.707	ug/l #	1
73) Isopropylbenzene	12.41	105	187	Below Cal	#	50
74) N-amyl acetate	12.03	43	2388	Below Cal	#	60
75) 1,1,2,2-Tetrachloroethane	12.45	83	62	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	135409	43.425	ug/l #	100
78) n-propylbenzene	12.59	91	145	Below Cal	#	55
79) 2-Chlorotoluene	12.67	91	34	Below Cal	#	1
80) 1,3,5-Trimethylbenzene	12.73	105	837	Below Cal		67
81) trans-1,4-Dichloro-2-buten	12.40	75	135409	111.541	ug/l #	9
82) 4-Chlorotoluene	12.80	91	30	Below Cal	#	45
83) tert-Butylbenzene	13.01	119	66	Below Cal	#	66
85) sec-Butylbenzene	13.17	105	104	Below Cal	#	58
90) Hexachloroethane	13.92	117	31	Below Cal	#	17
92) 1,2-Dibromo-3-Chloropropan	14.22	75	62	Below Cal	#	11
93) 1,2,4-Trichlorobenzene	14.91	180	107	5.427	ug/l #	59
95) Naphthalene	15.14	128	176	4.368	ug/l #	69

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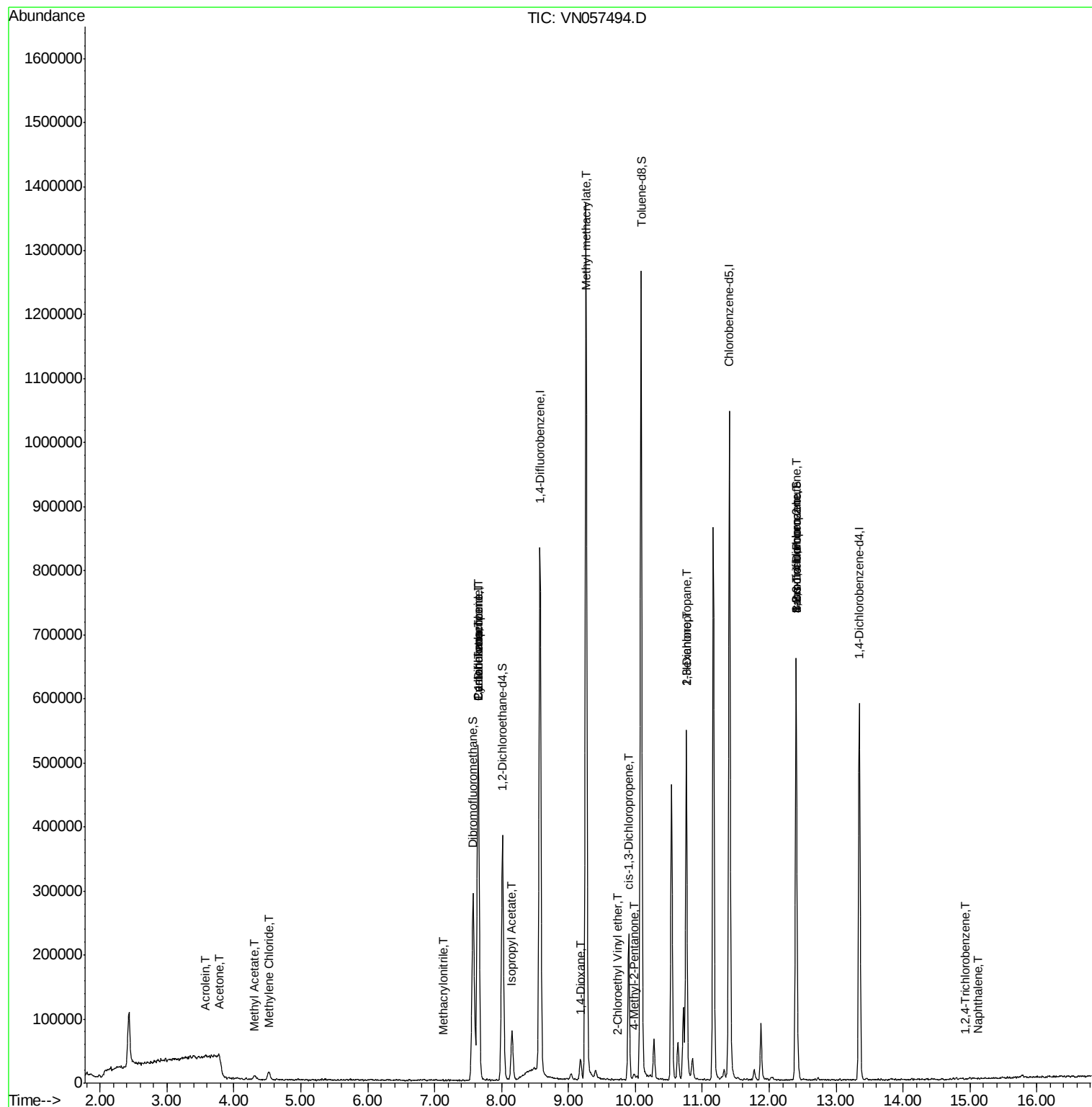
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

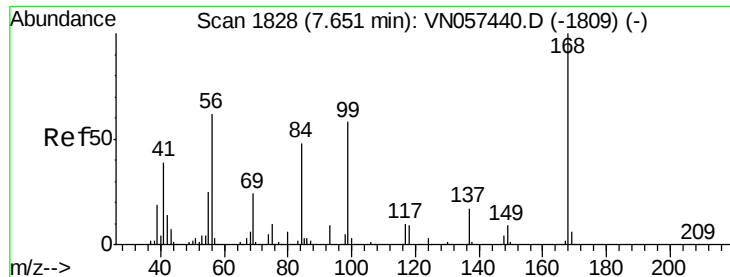
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN057494.D

Acq: 24 Aug 2019 00:43

Instrument :

MSVOA_N

ClientSampleId :

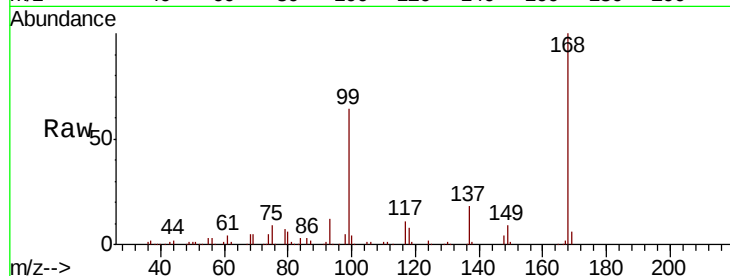
T6-S2(2.5)

Tgt Ion:168 Resp: 376835

Ion Ratio Lower Upper

168 100

99 63.9 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): VN057440.D

Ion 98.90 (98.60 to 99.60): VN057440.D

7.65

150000

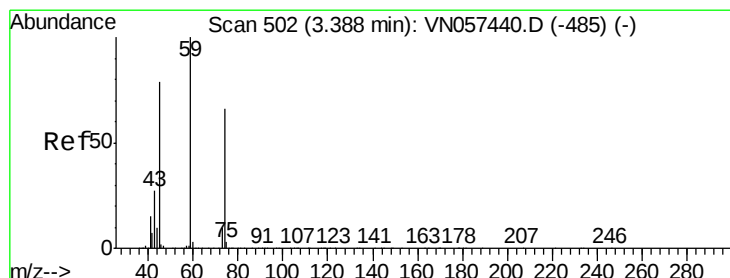
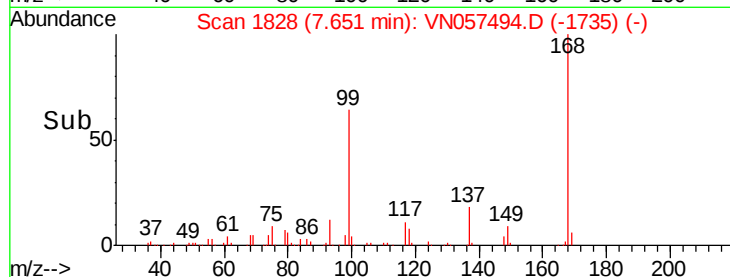
100000

50000

0

7.60 7.70

Time-->



#8

Diethyl Ether

Concen: Below Cal

RT: 3.39 min Scan# 504

Delta R.T. 0.01 min

Lab File: VN057494.D

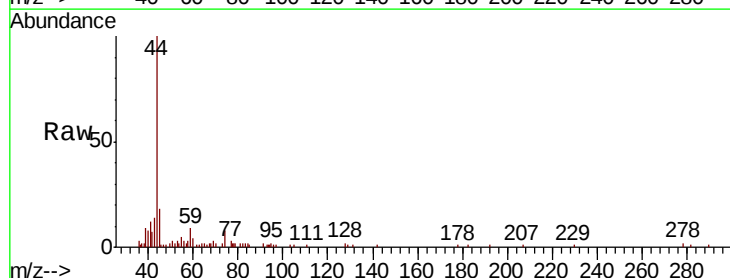
Acq: 24 Aug 2019 00:43

Tgt Ion: 74 Resp: 2574

Ion Ratio Lower Upper

74 100

45 130.6 57.9 173.6



Abundance Ion 74.00 (73.70 to 74.70): VN057494.D

Ion 45.00 (44.70 to 45.70): VN057494.D

3.39

3000

2500

2000

1500

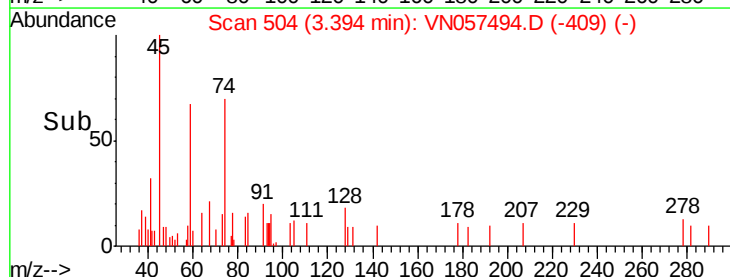
1000

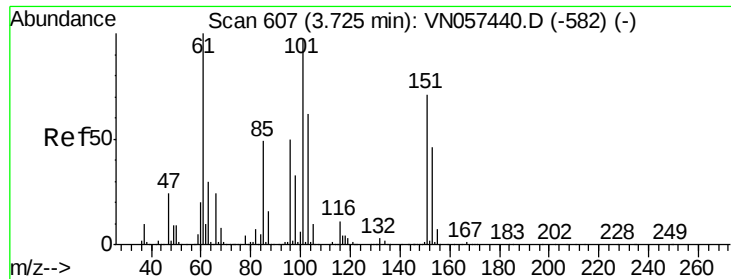
500

0

3.35 3.40

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: Below Cal

RT: 3.73 min Scan# 608

Delta R.T. 0.00 min

Lab File: VN057494.D

Acq: 24 Aug 2019 00:43

Instrument :

MSVOA_N

ClientSampleId :

T6-S2(2.5)

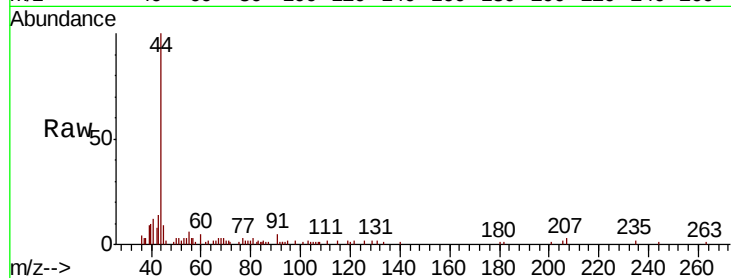
Tgt Ion:101 Resp: 60

Ion Ratio Lower Upper

101 100

85 455.0 40.0 60.0#

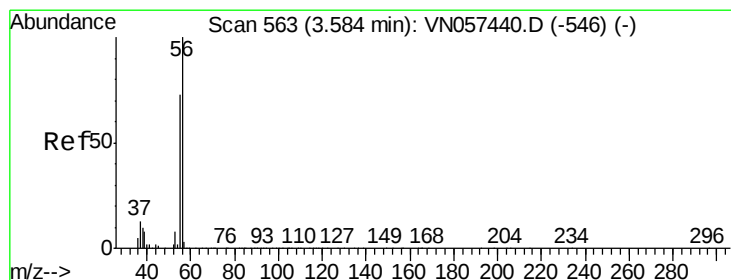
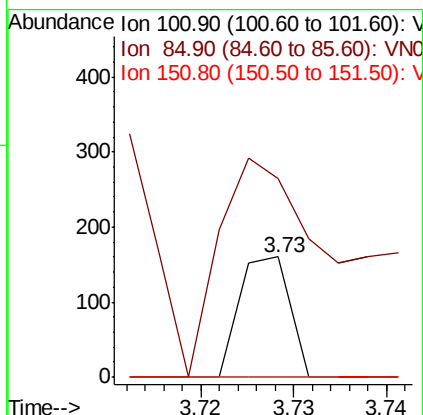
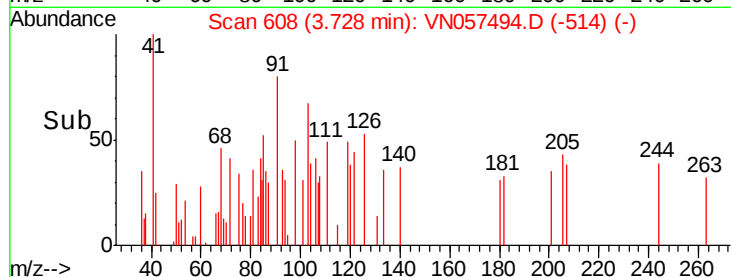
151 0.0 57.0 85.6#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VNO

Ion 150.80 (150.50 to 151.50): V



#13

Acrolein

Concen: 0.363 ug/l

RT: 3.57 min Scan# 559

Delta R.T. -0.01 min

Lab File: VN057494.D

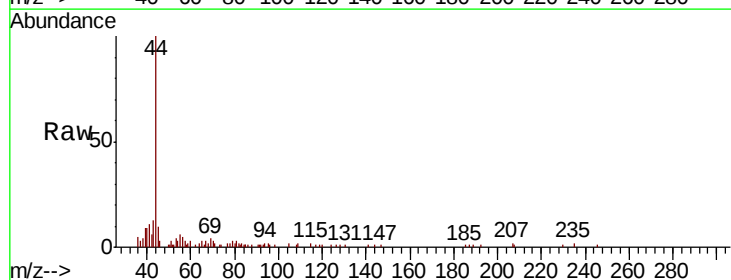
Acq: 24 Aug 2019 00:43

Tgt Ion: 56 Resp: 263

Ion Ratio Lower Upper

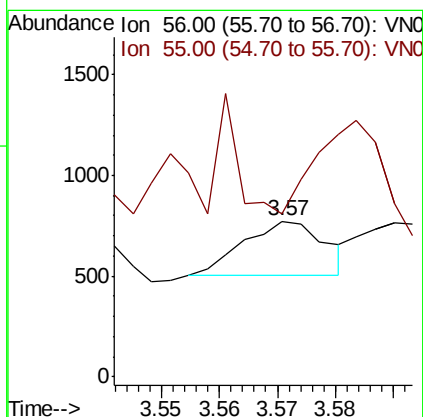
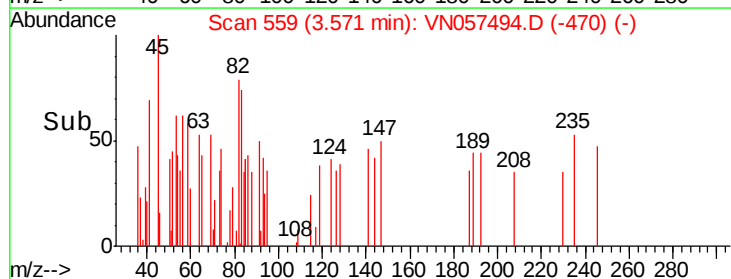
56 100

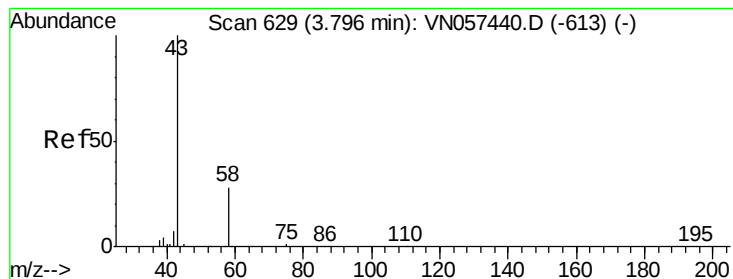
55 175.7 59.0 88.4#



Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 55.00 (54.70 to 55.70): VNO





#16

Acetone

Concen: 11.250 ug/l

RT: 3.79 min Scan# 626

Delta R.T. -0.01 min

Lab File: VN057494.D

Acq: 24 Aug 2019 00:43

Instrument :

MSVOA_N

ClientSampleId :

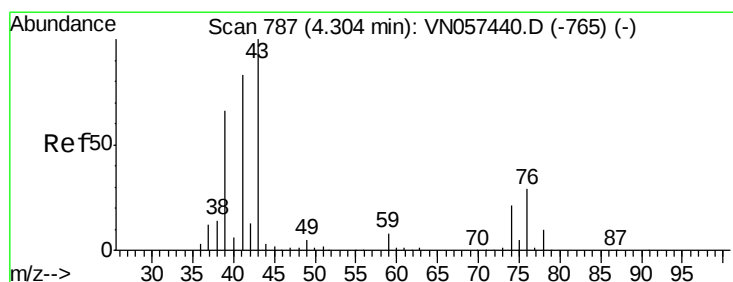
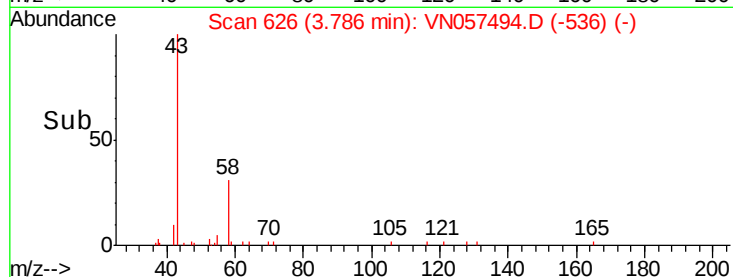
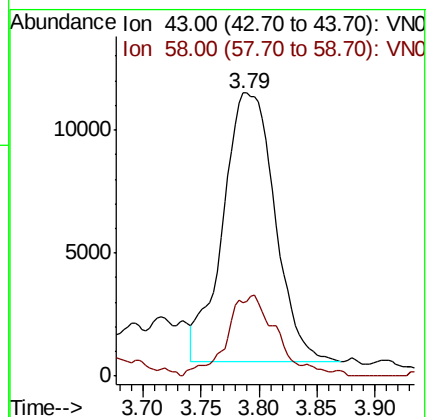
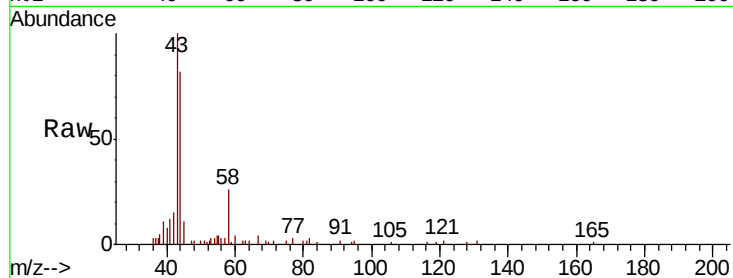
T6-S2(2.5)

Tgt Ion: 43 Resp: 34248

Ion Ratio Lower Upper

43 100

58 25.1 22.1 33.1



#18

Methyl Acetate

Concen: 0.665 ug/l

RT: 4.30 min Scan# 787

Delta R.T. 0.00 min

Lab File: VN057494.D

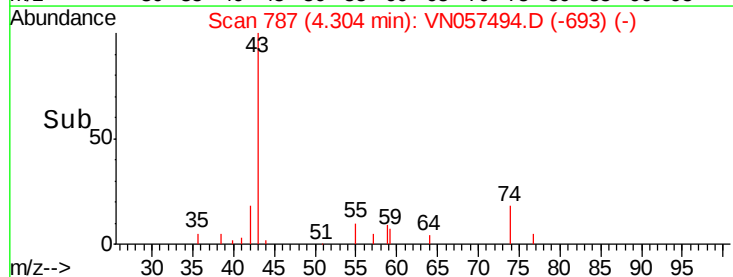
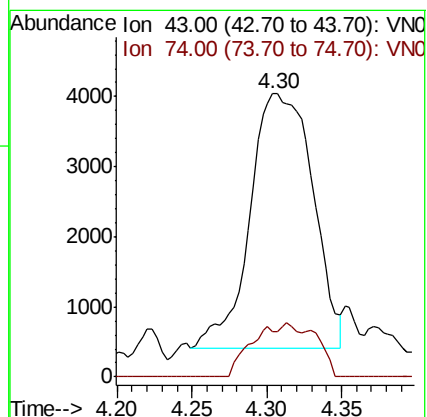
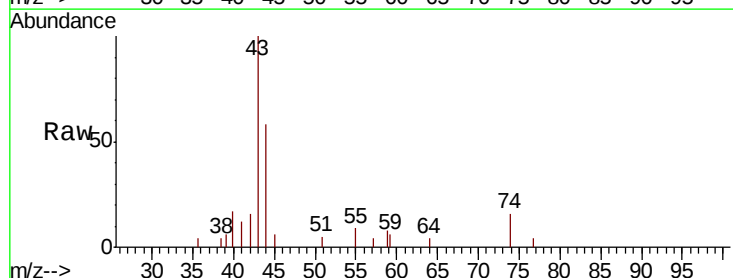
Acq: 24 Aug 2019 00:43

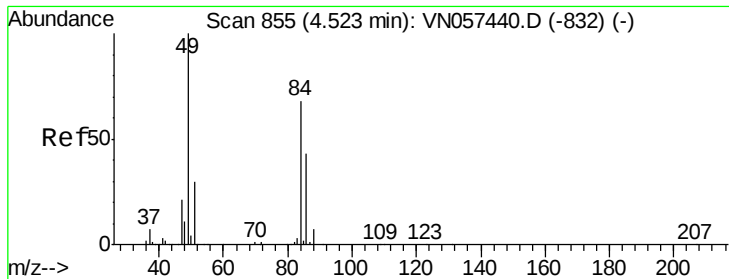
Tgt Ion: 43 Resp: 10551

Ion Ratio Lower Upper

43 100

74 9.3 15.9 23.9#





#20

Methylene Chloride

Concen: 1.695 ug/l

RT: 4.52 min Scan# 854

Delta R.T. -0.00 min

Lab File: VN057494.D

Acq: 24 Aug 2019 00:43

Instrument :

MSVOA_N

ClientSampleId :

T6-S2(2.5)

Tgt Ion: 84 Resp: 7977

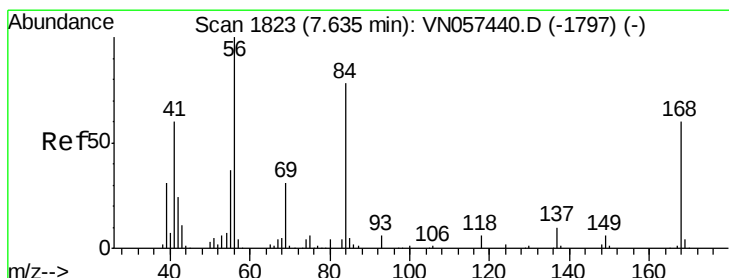
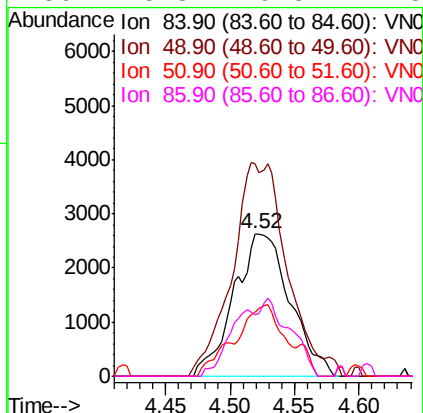
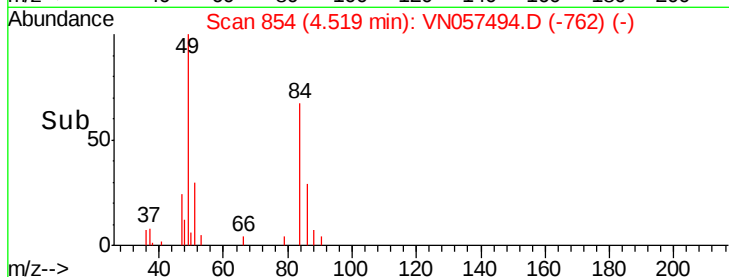
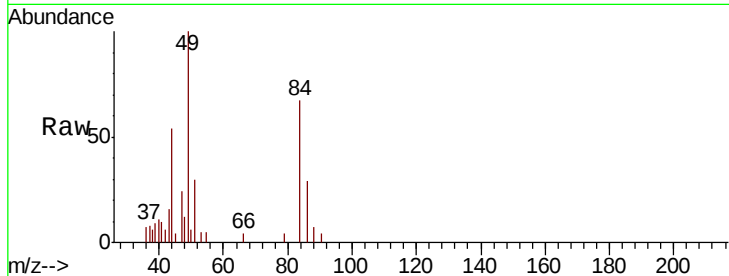
Ion Ratio Lower Upper

84 100

49 148.7 117.0 175.4

51 44.6 35.5 53.3

86 43.3 49.8 74.8#



#31

Cyclohexane

Concen: 1.313 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.02 min

Lab File: VN057494.D

Acq: 24 Aug 2019 00:43

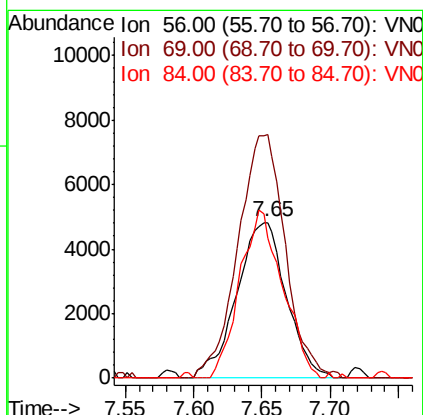
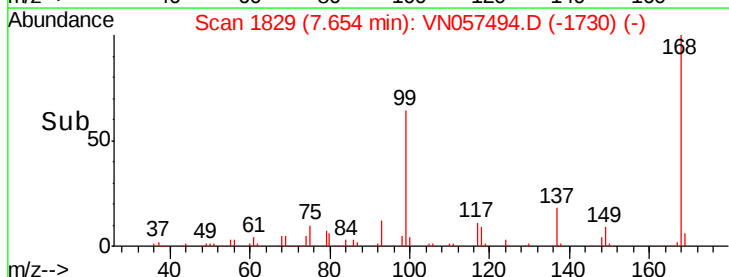
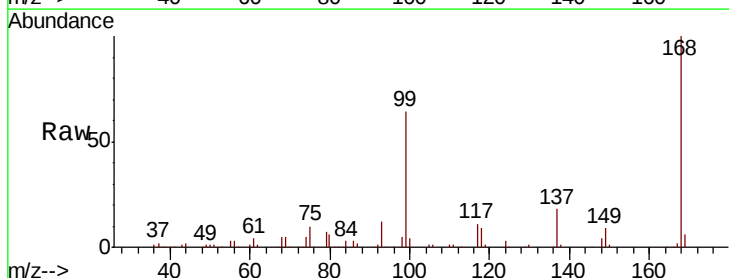
Tgt Ion: 56 Resp: 12222

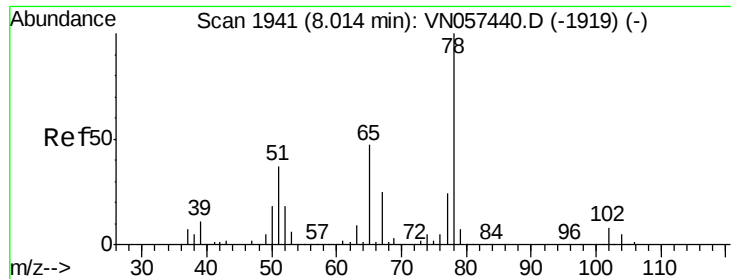
Ion Ratio Lower Upper

56 100

69 156.7 25.0 37.6#

84 90.1 62.5 93.7

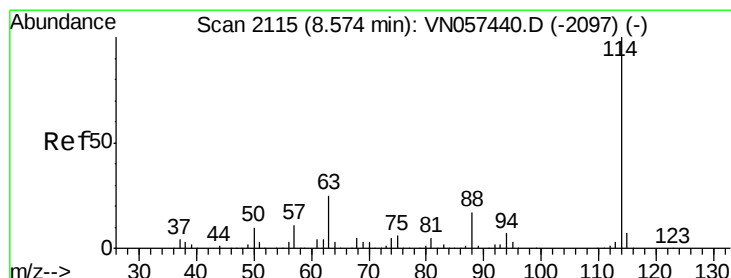
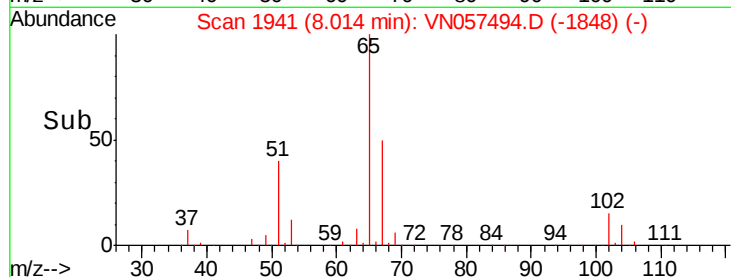
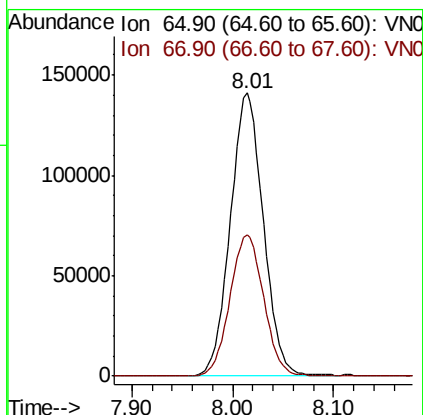
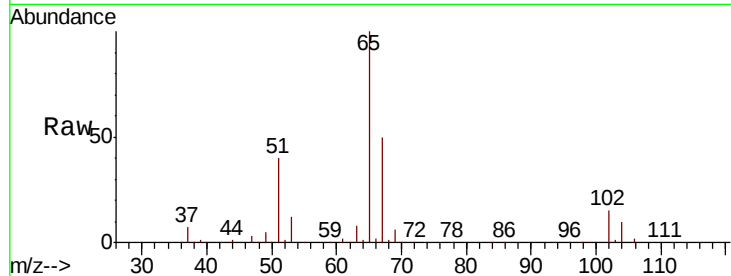




#33
 1,2-Dichloroethane-d4
 Concen: 48.388 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. -0.00 min
 Lab File: VN057494.D
 Acq: 24 Aug 2019 00:43

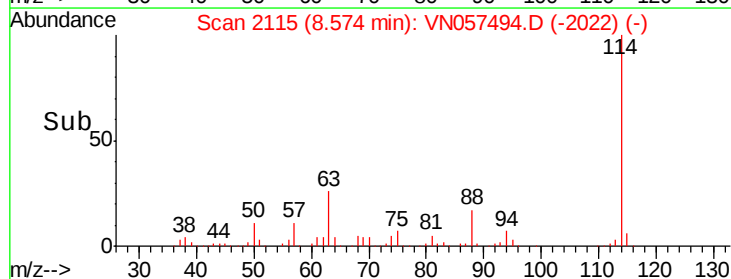
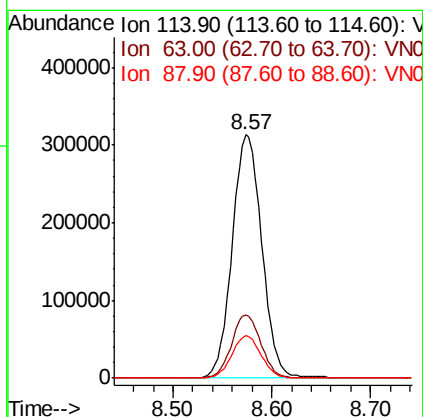
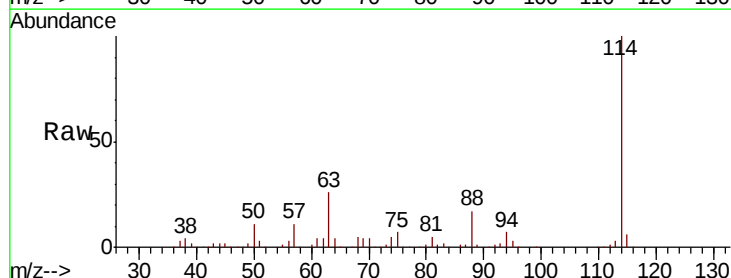
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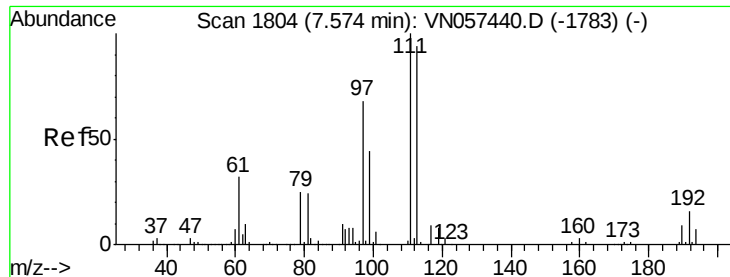
Tgt Ion: 65 Resp: 320762
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN057494.D
 Acq: 24 Aug 2019 00:43

Tgt Ion: 114 Resp: 656726
 Ion Ratio Lower Upper
 114 100
 63 26.1 0.0 50.2
 88 17.3 0.0 34.6

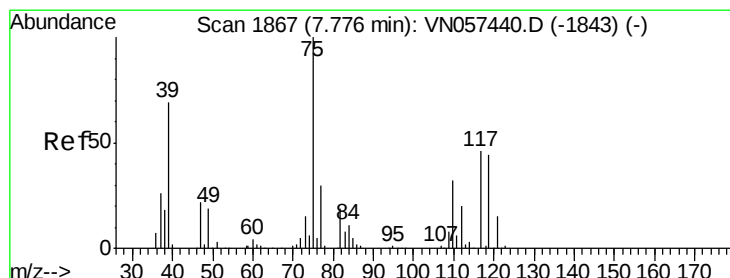
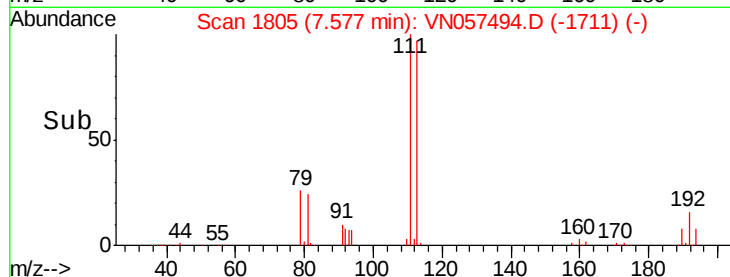
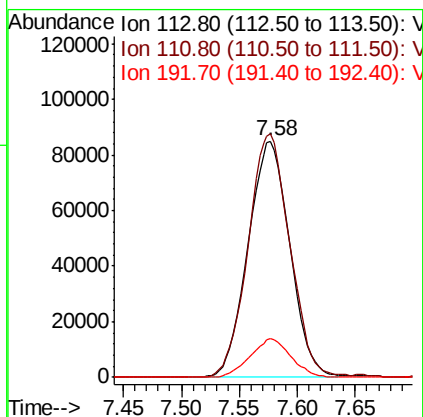
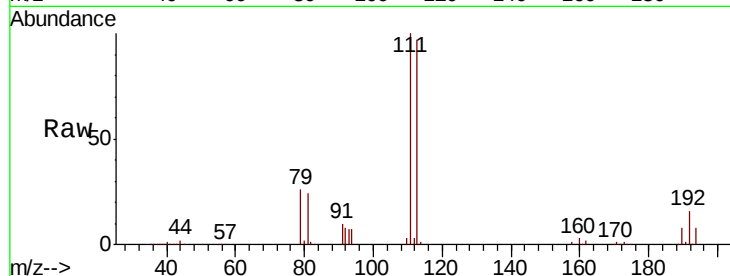




#35
 Dibromofluoromethane
 Concen: 48.045 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057494.D
 Acq: 24 Aug 2019 00:43

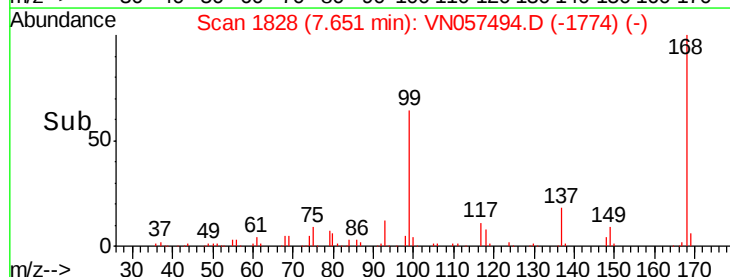
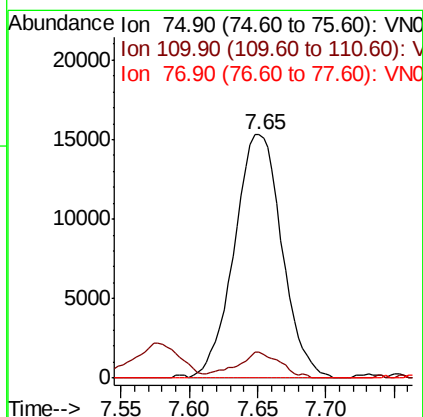
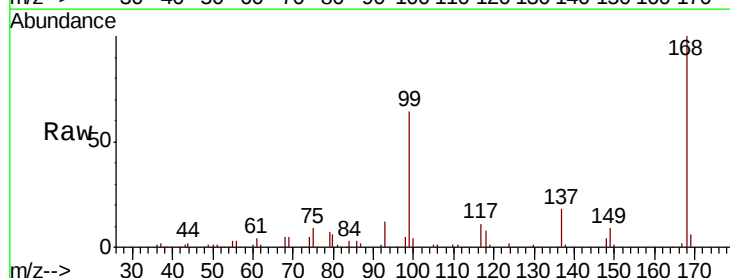
Instrument :
 MSVOA_N
 ClientSampleId :
 T6-S2(2.5)

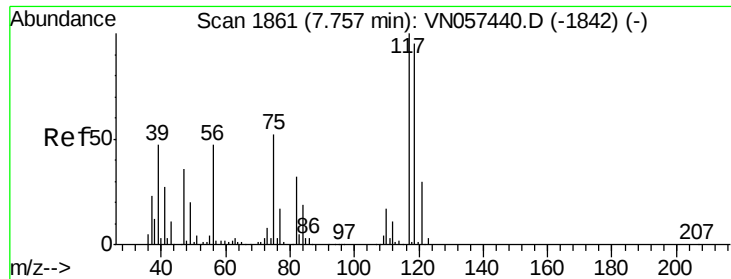
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.8	125.6
192	16.0	13.5	20.3



#36
 1,1-Dichloropropene
 Concen: 5.537 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.13 min
 Lab File: VN057494.D
 Acq: 24 Aug 2019 00:43

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.8	16.1	48.3#
77	0.0	24.8	37.2#

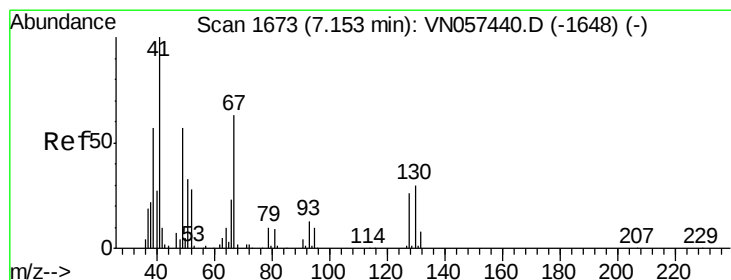
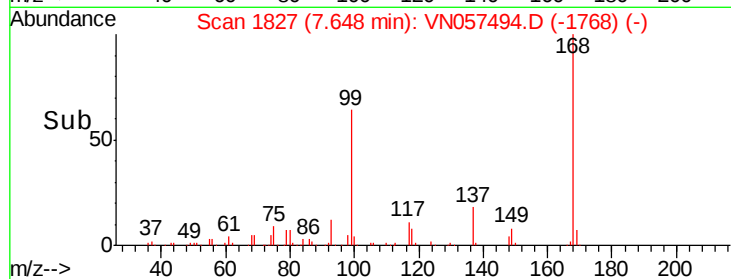
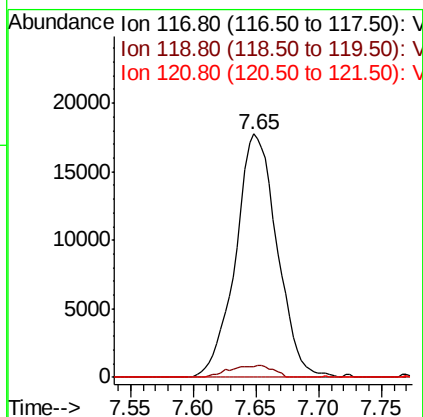
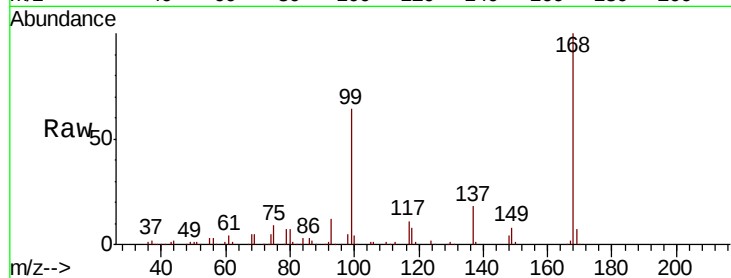




#38
Carbon Tetrachloride
Concen: 6.133 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. -0.11 min
Lab File: VN057494.D
Acq: 24 Aug 2019 00:43

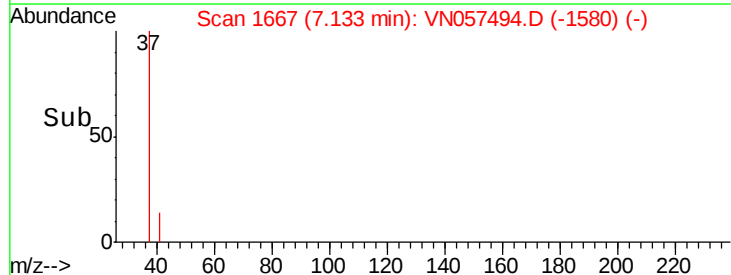
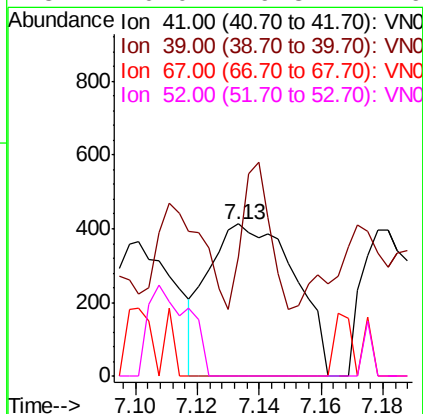
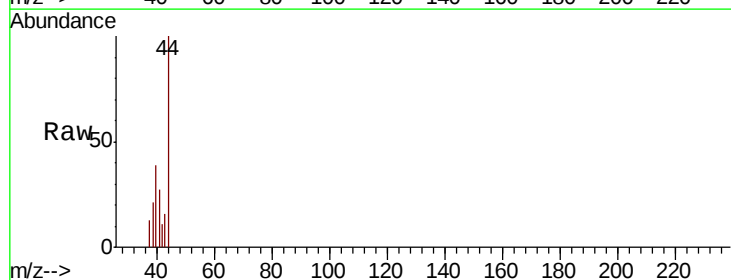
Instrument :
MSVOA_N
ClientSampleId :
T6-S2(2.5)

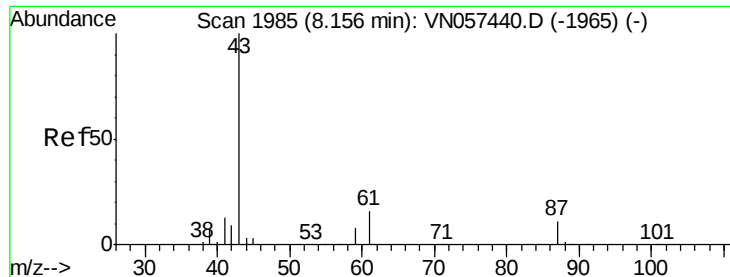
Tgt Ion:117 Resp: 40883
Ion Ratio Lower Upper
117 100
119 4.6 76.2 114.4#
121 0.0 23.8 35.6#



#41
Methacrylonitrile
Concen: 0.253 ug/l
RT: 7.13 min Scan# 1667
Delta R.T. -0.02 min
Lab File: VN057494.D
Acq: 24 Aug 2019 00:43

Tgt Ion: 41 Resp: 800
Ion Ratio Lower Upper
41 100
39 30.4 53.6 80.4#
67 0.0 65.4 98.2#
52 0.0 29.8 44.6#





#43

Isopropyl Acetate

Concen: 7.904 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN057494.D

Acq: 24 Aug 2019 00:43

Instrument :

MSVOA_N

ClientSampleId :

T6-S2(2.5)

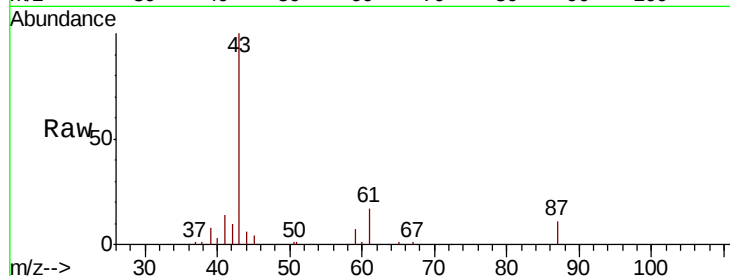
Tgt Ion: 43 Resp: 96098

Ion Ratio Lower Upper

43 100

61 17.7 14.5 21.7

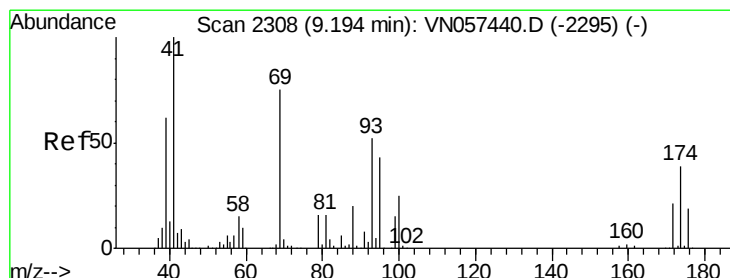
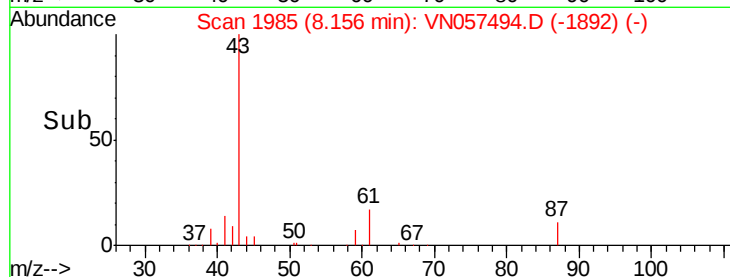
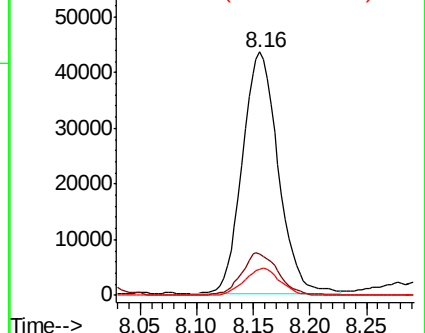
87 11.2 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VN057494.D (-1965) (-)

Ion 61.00 (60.70 to 61.70): VN057494.D (-1965) (-)

Ion 87.00 (86.70 to 87.70): VN057494.D (-1965) (-)



#48

Methyl methacrylate

Concen: 23.234 ug/l

RT: 9.26 min Scan# 2329

Delta R.T. 0.07 min

Lab File: VN057494.D

Acq: 24 Aug 2019 00:43

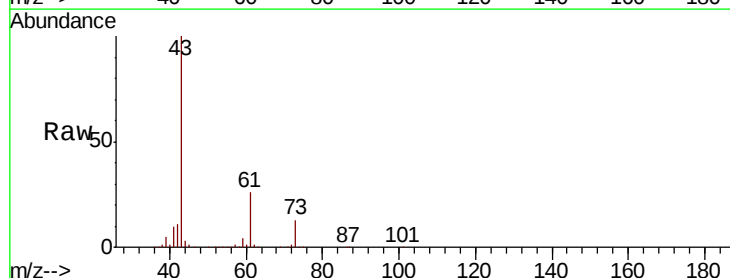
Tgt Ion: 41 Resp: 134329

Ion Ratio Lower Upper

41 100

69 0.3 59.3 88.9#

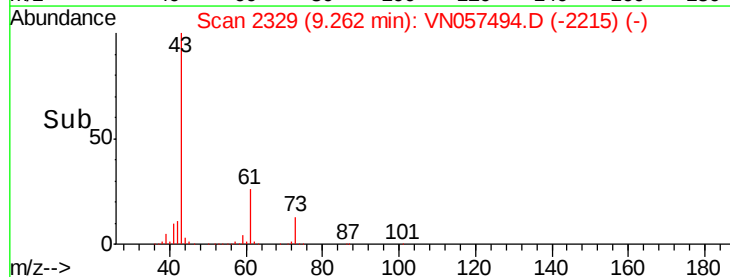
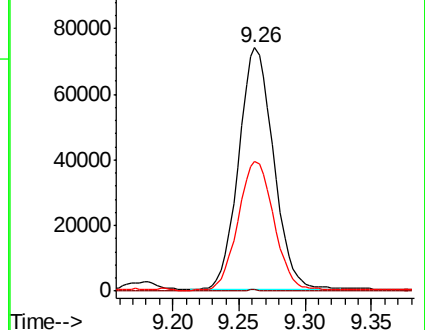
39 55.1 50.6 75.8

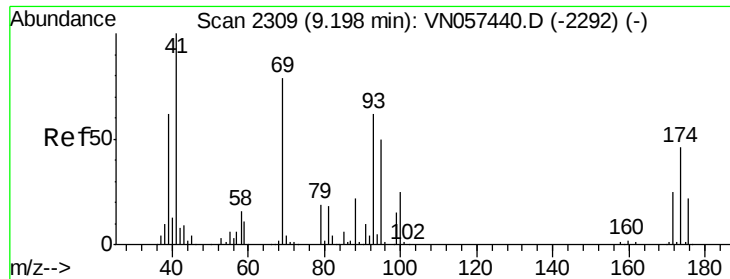


Abundance Ion 41.00 (40.70 to 41.70): VN057494.D (-2295) (-)

Ion 69.00 (68.70 to 69.70): VN057494.D (-2295) (-)

Ion 39.00 (38.70 to 39.70): VN057494.D (-2295) (-)

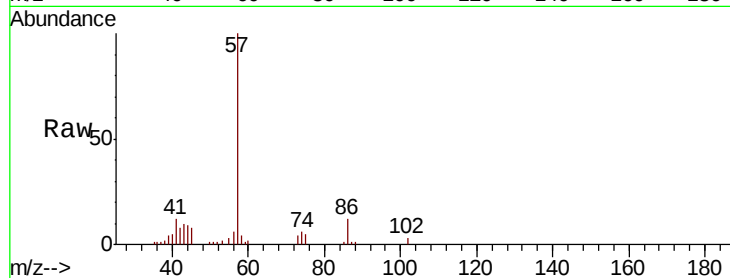




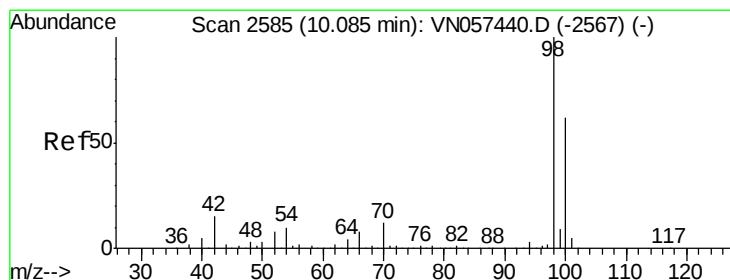
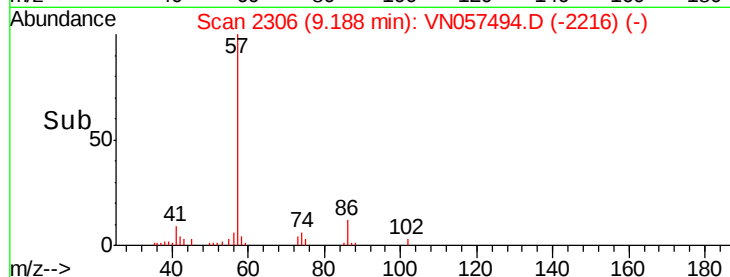
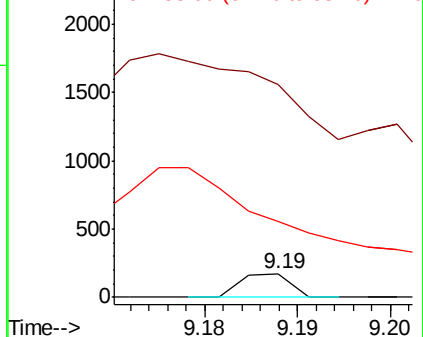
#49
 1,4-Dioxane
 Concen: 0.856 ug/l
 RT: 9.19 min Scan# 2306
 Delta R.T. -0.01 min
 Lab File: VN057494.D
 Acq: 24 Aug 2019 00:43

Instrument :
 MSVOA_N
 ClientSampleId :
 T6-S2(2.5)

Tgt Ion: 88 Resp: 64
 Ion Ratio Lower Upper
 88 100
 43 0.0 31.0 46.6#
 58 2703.1 64.5 96.7#

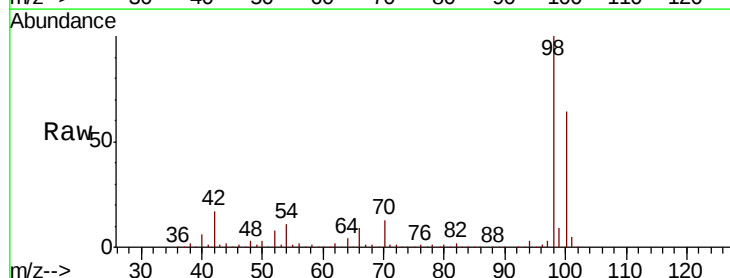


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

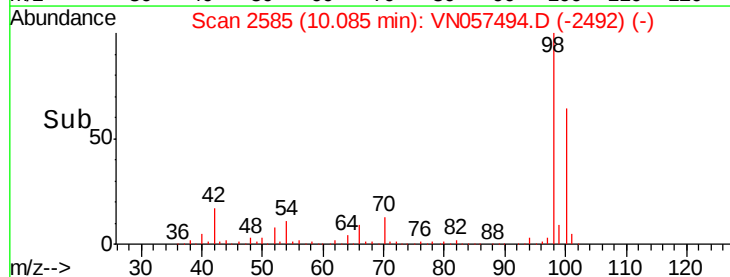
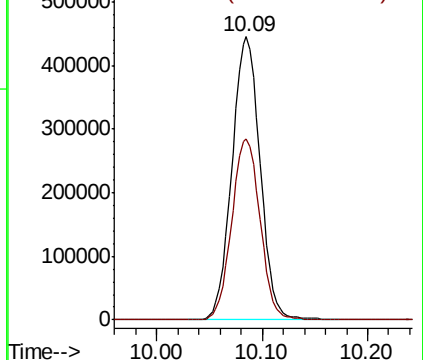


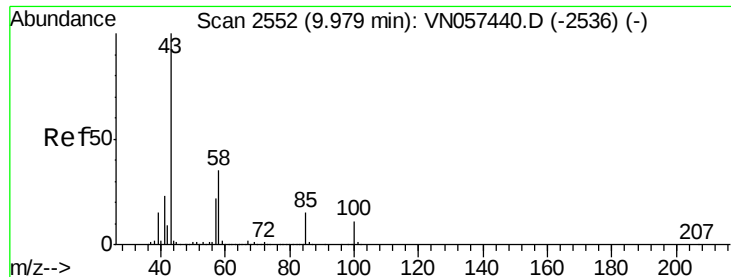
#50
 Toluene-d8
 Concen: 49.085 ug/l
 RT: 10.09 min Scan# 2585
 Delta R.T. -0.00 min
 Lab File: VN057494.D
 Acq: 24 Aug 2019 00:43

Tgt Ion: 98 Resp: 823302
 Ion Ratio Lower Upper
 98 100
 100 64.5 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0

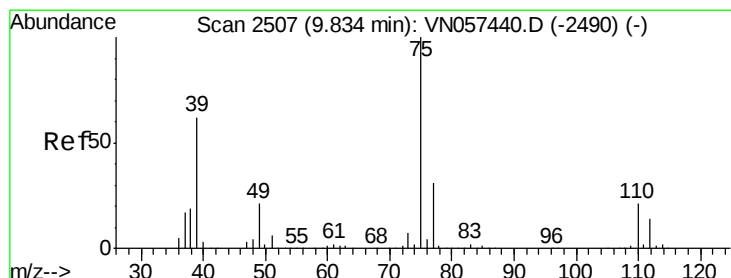
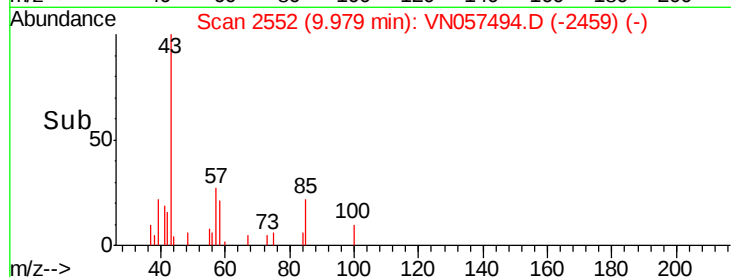
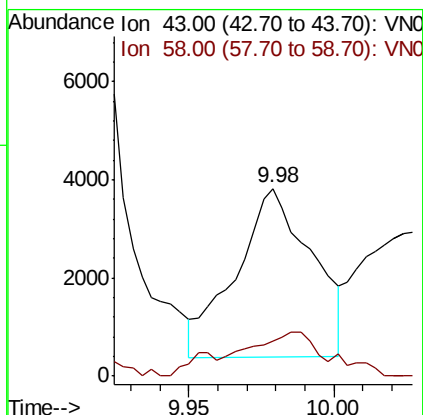
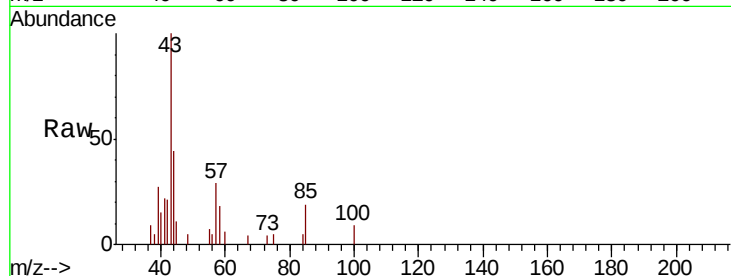




#51
 4-Methyl-2-Pentanone
 Concen: 0.925 ug/l
 RT: 9.98 min Scan# 2552
 Delta R.T. -0.00 min
 Lab File: VN057494.D
 Acq: 24 Aug 2019 00:43

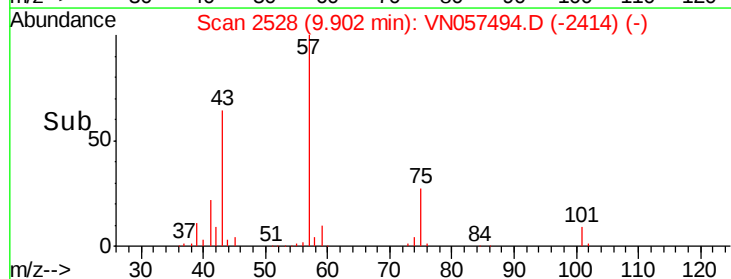
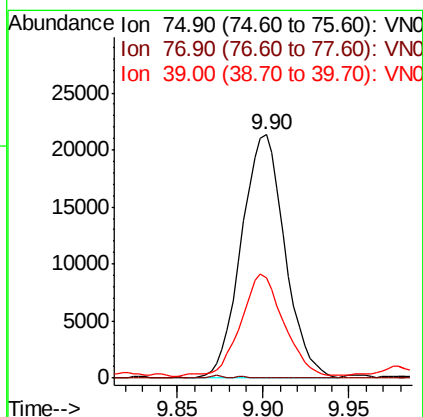
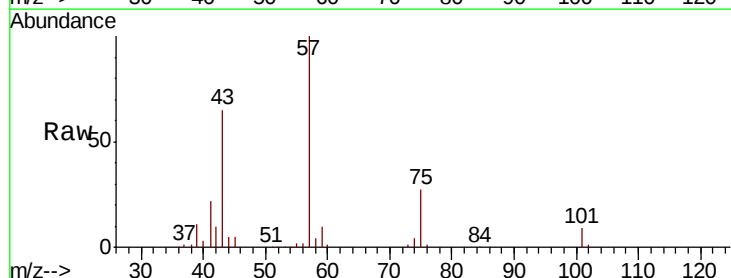
Instrument :
 MSVOA_N
 ClientSampleId :
 T6-S2(2.5)

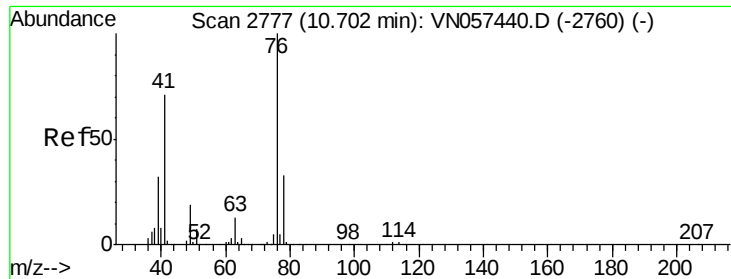
Tgt Ion: 43 Resp: 6267
 Ion Ratio Lower Upper
 43 100
 58 27.2 27.9 41.9#



#54
 cis-1,3-Dichloropropene
 Concen: 4.292 ug/l
 RT: 9.90 min Scan# 2528
 Delta R.T. 0.07 min
 Lab File: VN057494.D
 Acq: 24 Aug 2019 00:43

Tgt Ion: 75 Resp: 37456
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.0 37.6#
 39 39.9 49.2 73.8#

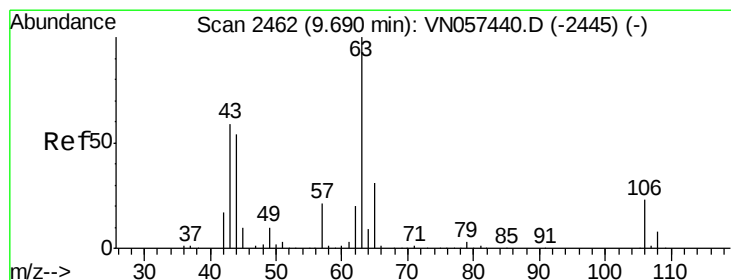
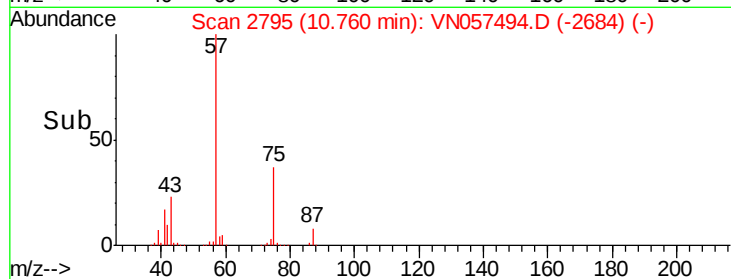
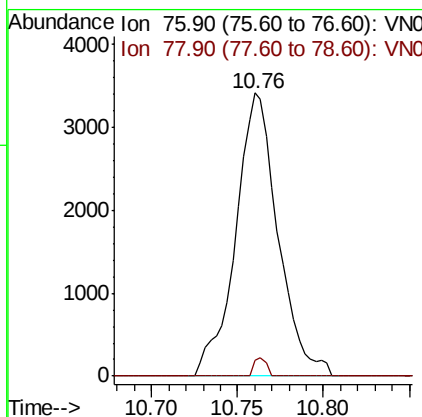
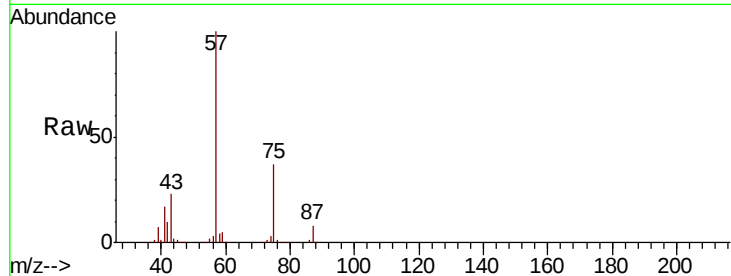




#57
 1,3-Dichloropropane
 Concen: 0.715 ug/l
 RT: 10.76 min Scan# 2795
 Delta R.T. 0.06 min
 Lab File: VN057494.D
 Acq: 24 Aug 2019 00:43

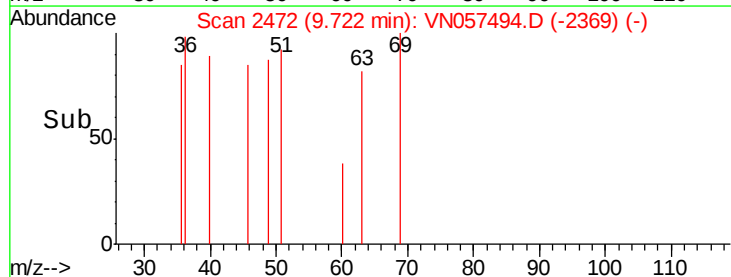
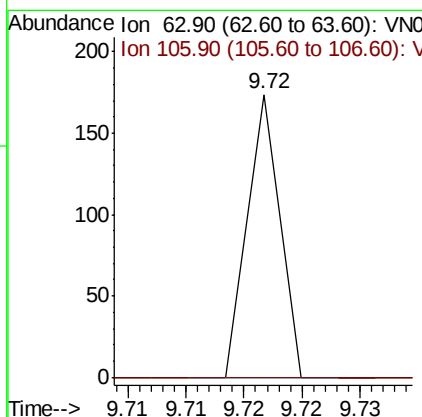
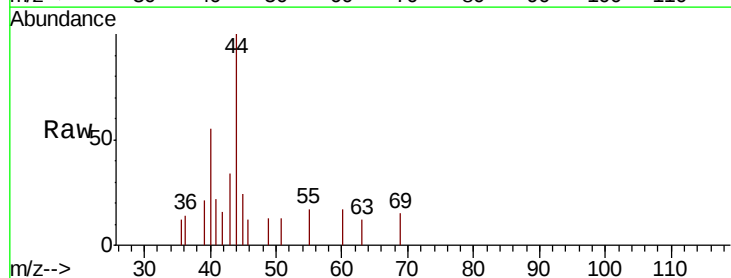
Instrument :
 MSVOA_N
 ClientSampleId :
 T6-S2(2.5)

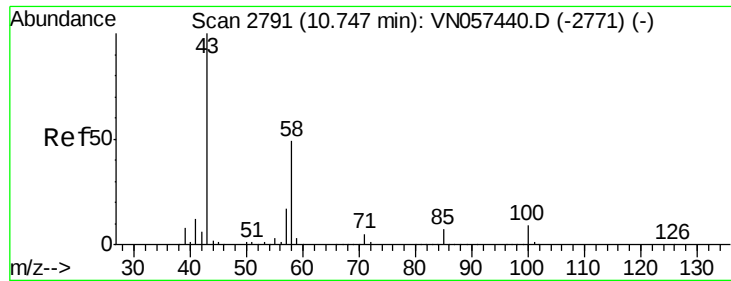
Tgt Ion: 76 Resp: 5843
 Ion Ratio Lower Upper
 76 100
 78 1.9 25.5 38.3#



#58
 2-Chloroethyl Vinyl ether
 Concen: 17.080 ug/l
 RT: 9.72 min Scan# 2472
 Delta R.T. 0.03 min
 Lab File: VN057494.D
 Acq: 24 Aug 2019 00:43

Tgt Ion: 63 Resp: 34
 Ion Ratio Lower Upper
 63 100
 106 0.0 18.6 27.8#

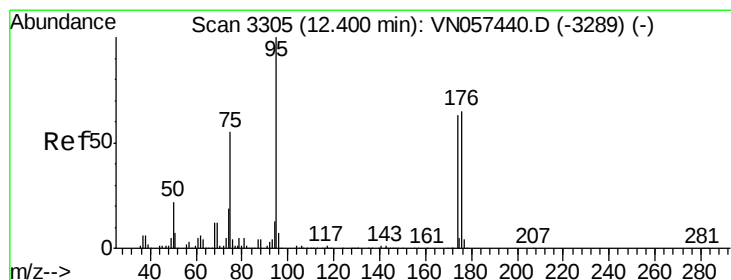
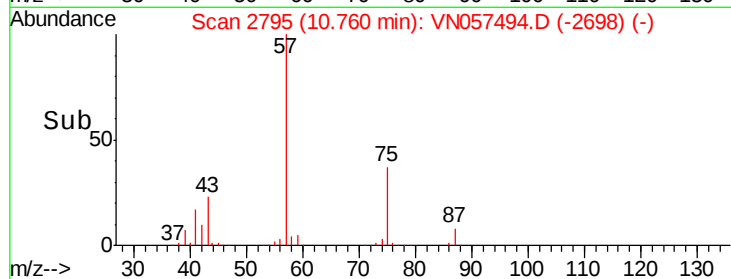
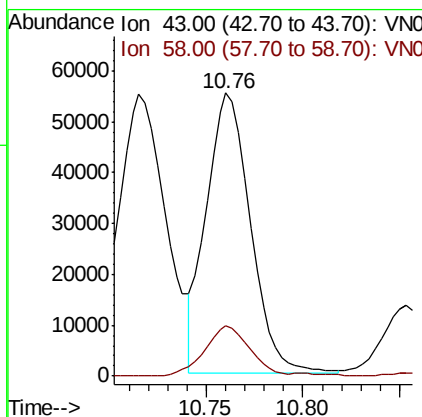
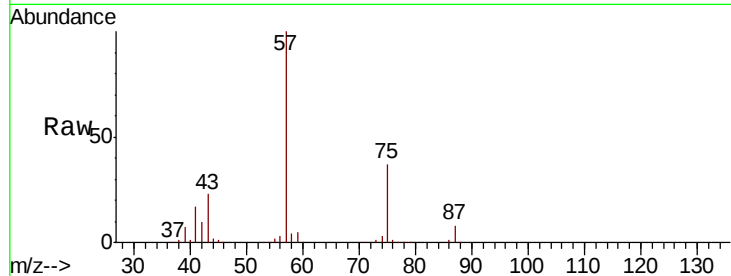




#59
2-Hexanone
Concen: 18.891 ug/l
RT: 10.76 min Scan# 2795
Delta R.T. 0.01 min
Lab File: VN057494.D
Acq: 24 Aug 2019 00:43

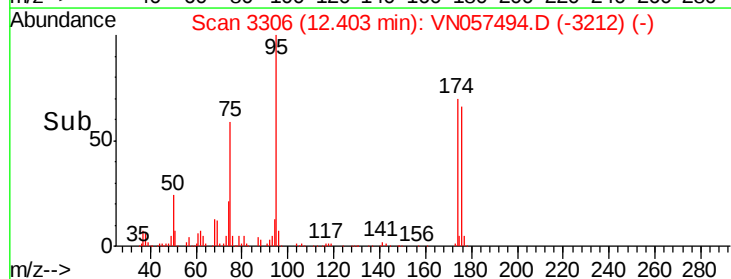
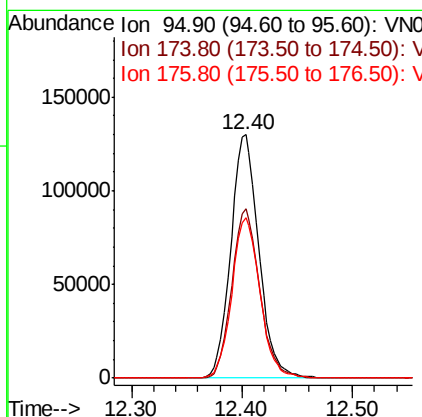
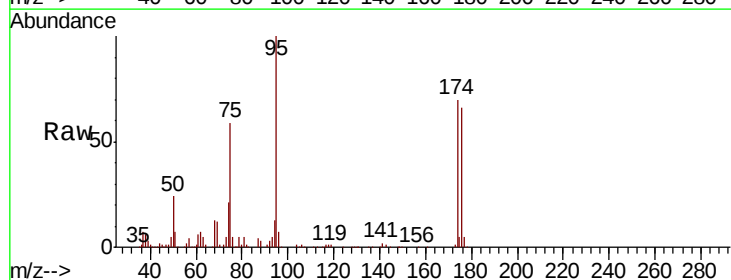
Instrument :
MSVOA_N
ClientSampleId :
T6-S2(2.5)

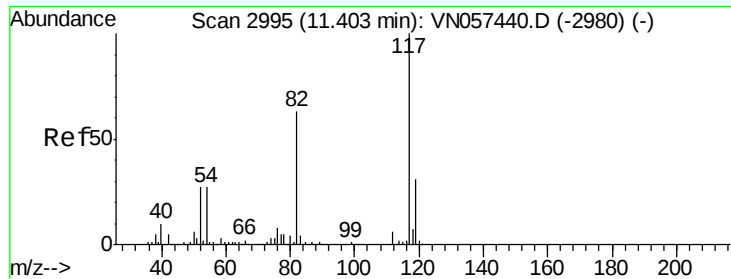
Tgt Ion: 43 Resp: 87797
Ion Ratio Lower Upper
43 100
58 18.2 24.6 73.6#



#62
4-Bromofluorobenzene
Concen: 40.383 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057494.D
Acq: 24 Aug 2019 00:43

Tgt Ion: 95 Resp: 229543
Ion Ratio Lower Upper
95 100
174 69.1 0.0 133.0
176 66.2 0.0 130.8

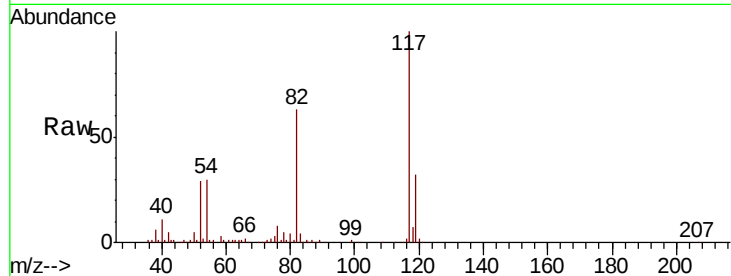




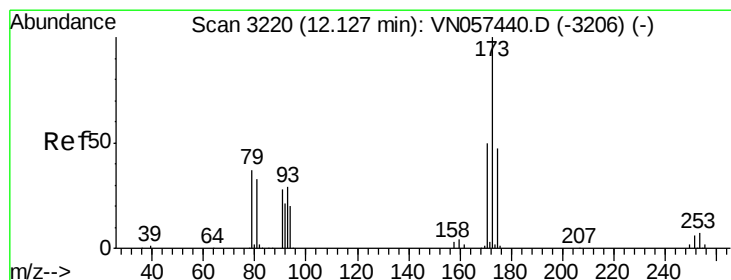
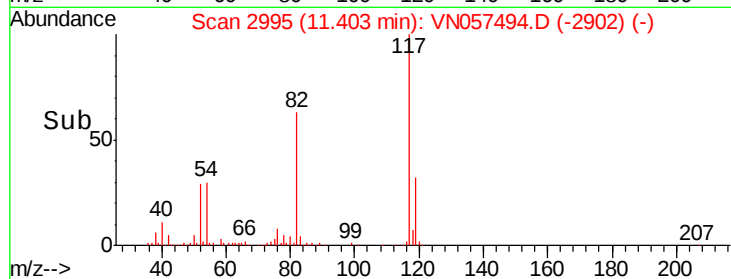
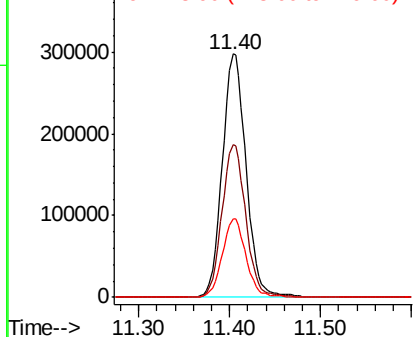
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN057494.D
Acq: 24 Aug 2019 00:43

Instrument :
MSVOA_N
ClientSampleId :
T6-S2(2.5)

Tgt Ion:117 Resp: 540360
Ion Ratio Lower Upper
117 100
82 62.9 50.6 75.8
119 32.0 24.6 36.8

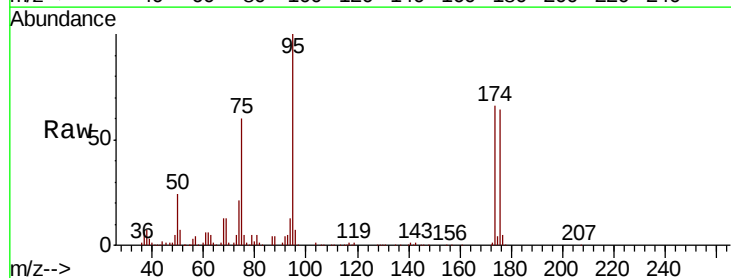


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

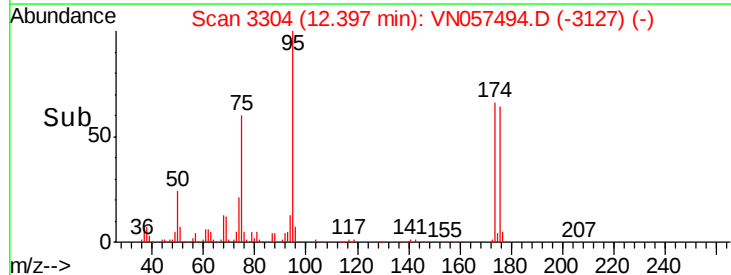
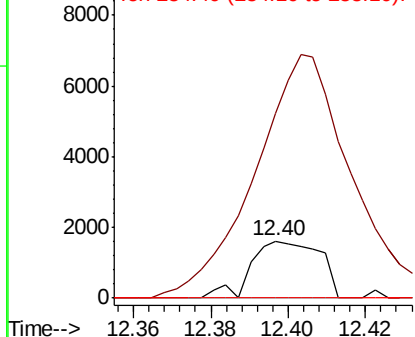


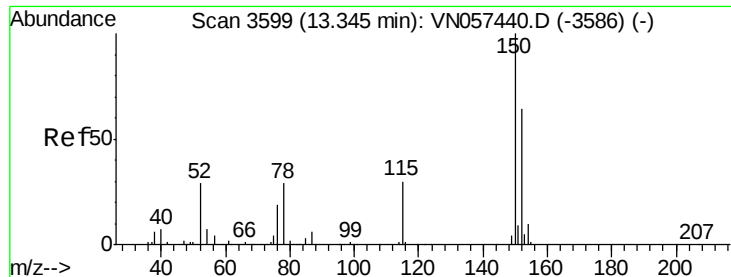
#71
Bromoform
Concen: 0.707 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.27 min
Lab File: VN057494.D
Acq: 24 Aug 2019 00:43

Tgt Ion:173 Resp: 2002
Ion Ratio Lower Upper
173 100
175 479.6 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: VN057494.D

Acq: 24 Aug 2019 00:43

Instrument :

MSVOA_N

ClientSampleId :

T6-S2(2.5)

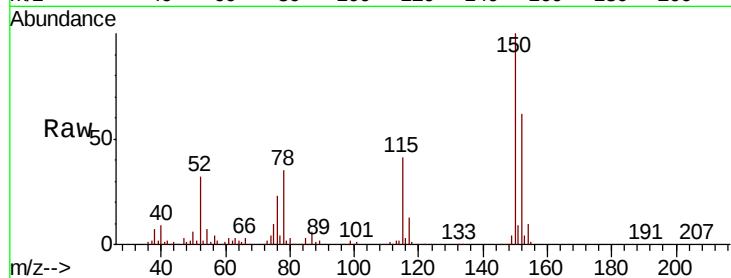
Tgt Ion:152 Resp: 139302

Ion Ratio Lower Upper

152 100

115 64.1 32.0 96.0

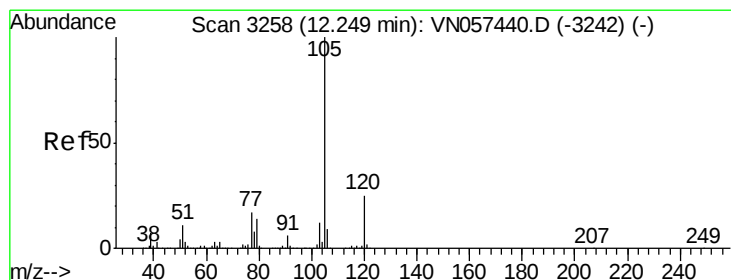
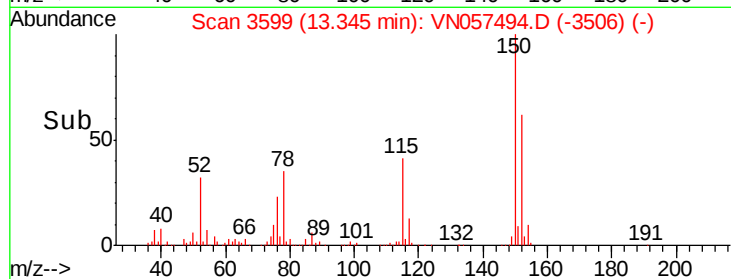
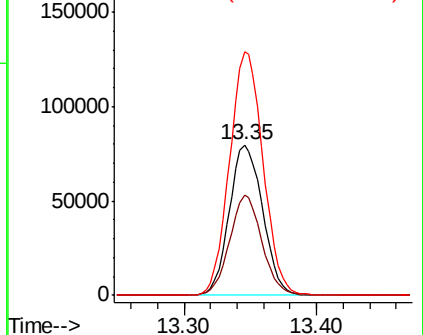
150 162.5 0.0 346.6



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: 12.41 min Scan# 3307

Delta R.T. 0.16 min

Lab File: VN057494.D

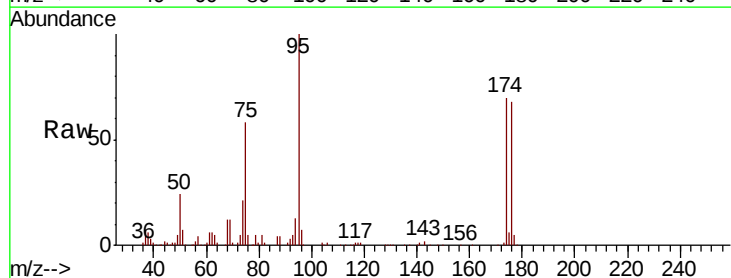
Acq: 24 Aug 2019 00:43

Tgt Ion:105 Resp: 187

Ion Ratio Lower Upper

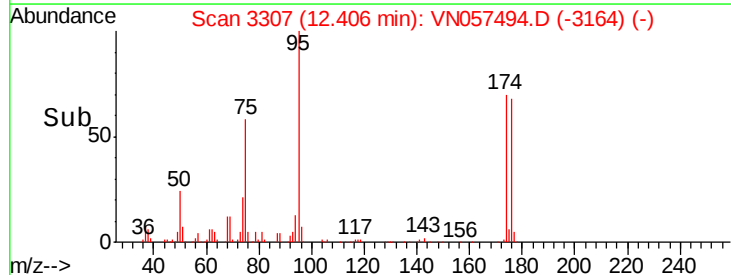
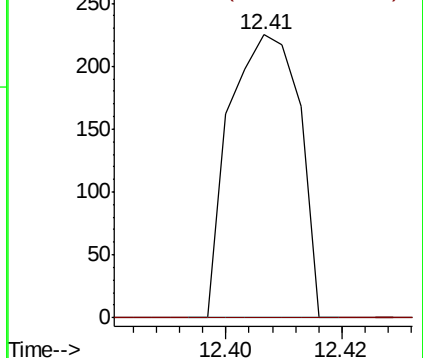
105 100

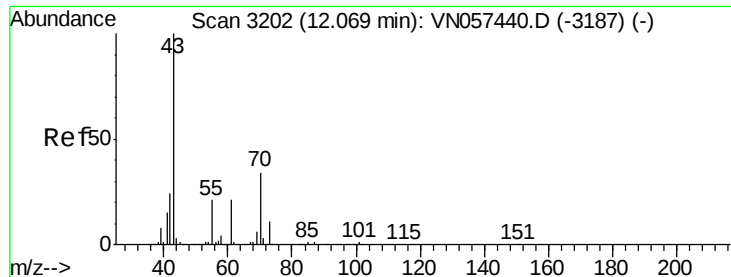
120 0.0 12.7 38.0#



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: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN057494.D

Acq: 24 Aug 2019 00:43

Instrument :

MSVOA_N

ClientSampleId :

T6-S2(2.5)

Tgt Ion: 43 Resp: 2388

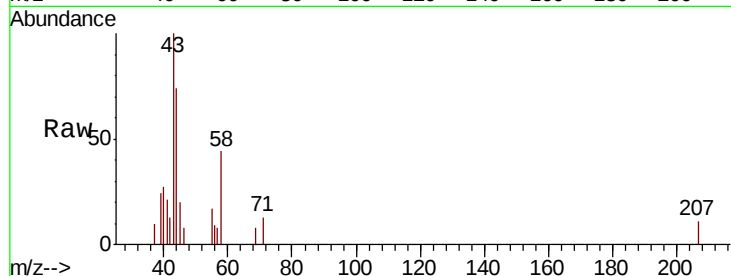
Ion Ratio Lower Upper

43 100

70 1.4 27.8 41.6#

55 18.3 17.0 25.4

61 0.0 17.0 25.6#

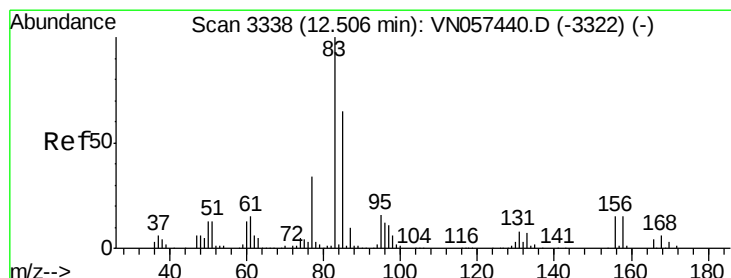
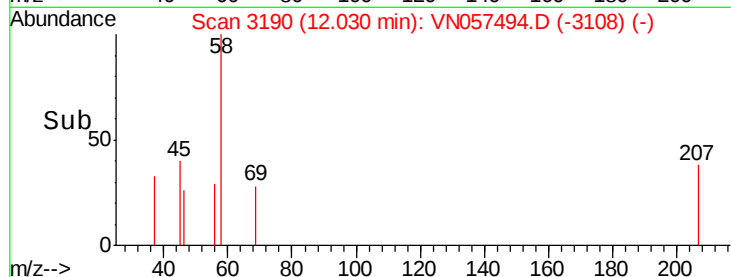
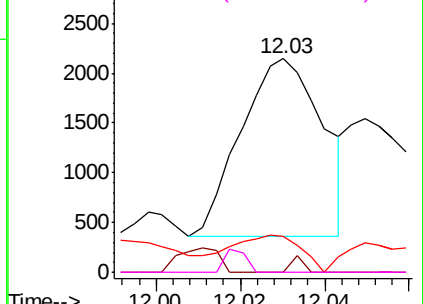


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.45 min Scan# 3321

Delta R.T. -0.05 min

Lab File: VN057494.D

Acq: 24 Aug 2019 00:43

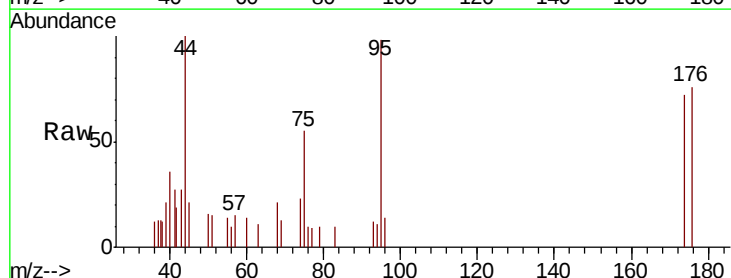
Tgt Ion: 83 Resp: 62

Ion Ratio Lower Upper

83 100

131 0.0 4.3 13.1#

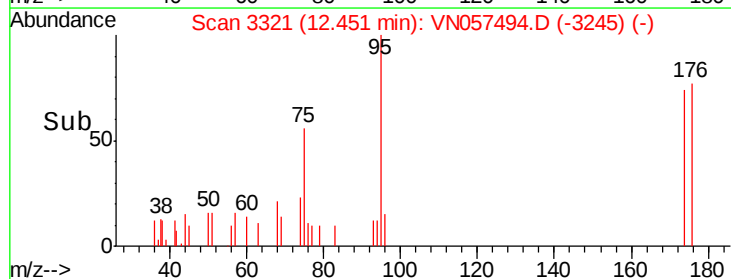
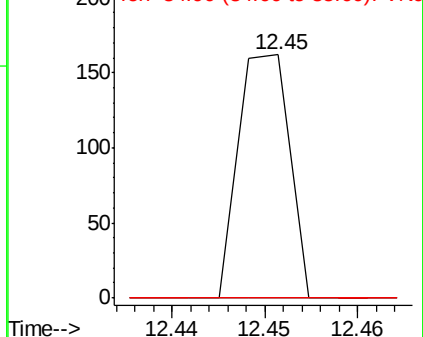
85 0.0 32.3 96.8#

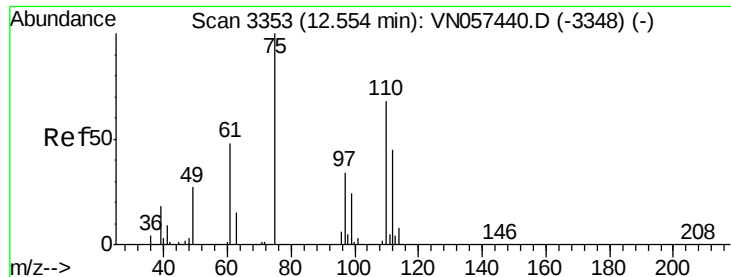


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 43.425 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN057494.D

Acq: 24 Aug 2019 00:43

Instrument :

MSVOA_N

ClientSampleId :

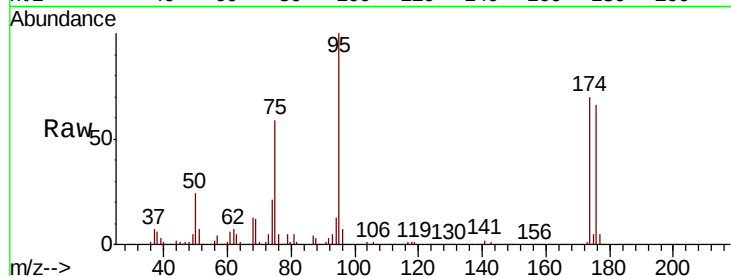
T6-S2(2.5)

Tgt Ion: 75 Resp: 135409

Ion Ratio Lower Upper

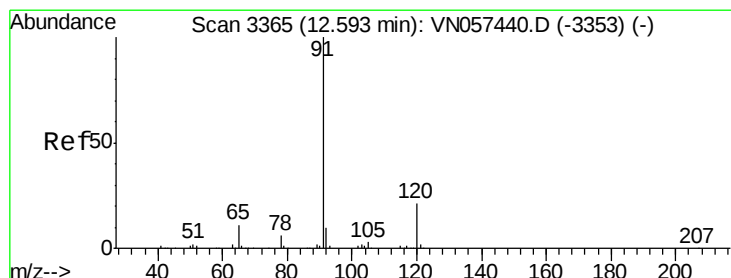
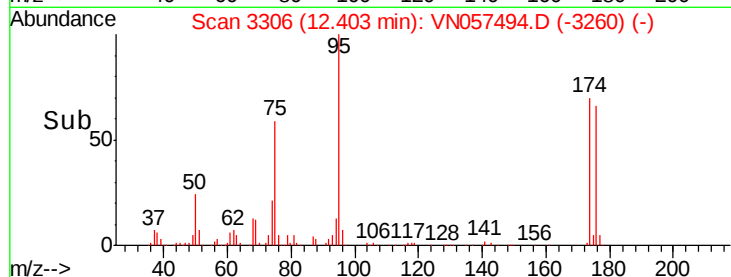
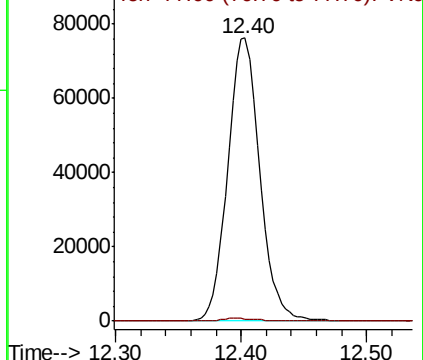
75 100

77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#78

n-propylbenzene

Concen: Below Cal

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN057494.D

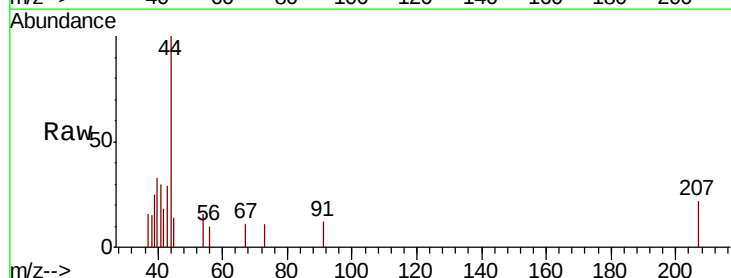
Acq: 24 Aug 2019 00:43

Tgt Ion: 91 Resp: 145

Ion Ratio Lower Upper

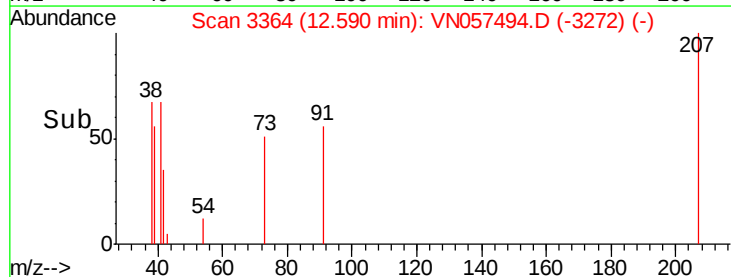
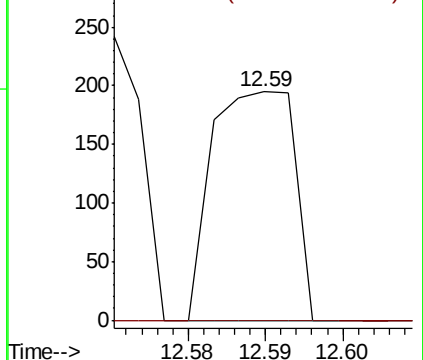
91 100

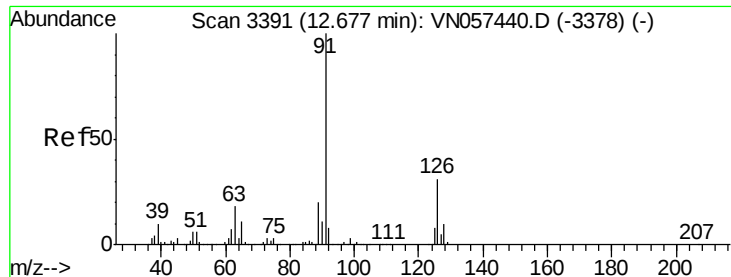
120 0.0 10.7 32.1#



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: 12.67 min Scan# 3388

Delta R.T. -0.01 min

Lab File: VN057494.D

Acq: 24 Aug 2019 00:43

Instrument :

MSVOA_N

ClientSampleId :

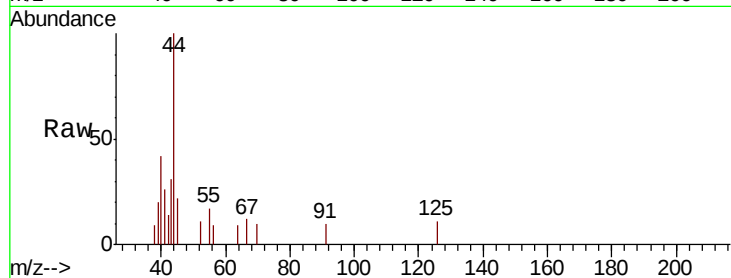
T6-S2(2.5)

Tgt Ion: 91 Resp: 34

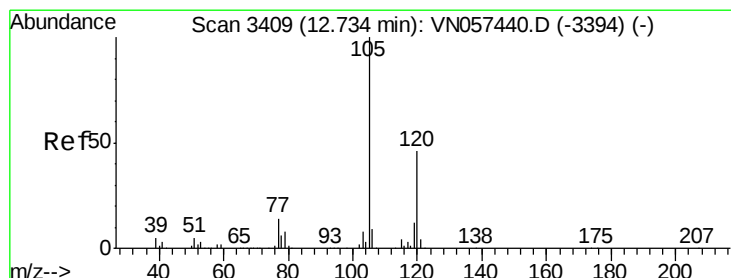
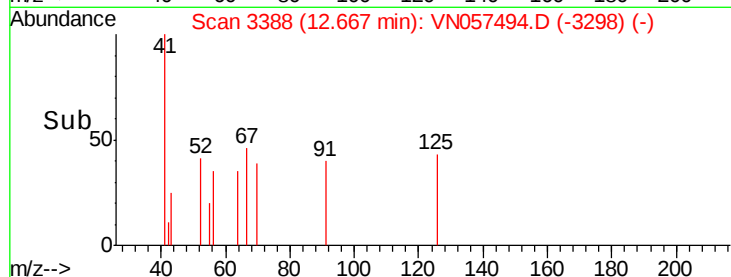
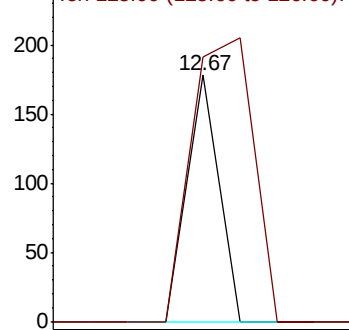
Ion Ratio Lower Upper

91 100

126 223.5 15.3 45.8#



Abundance Ion 91.00 (90.70 to 91.70): VN057440.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN057494.D

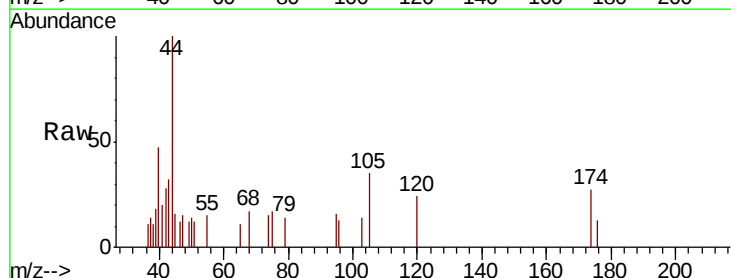
Acq: 24 Aug 2019 00:43

Tgt Ion: 105 Resp: 837

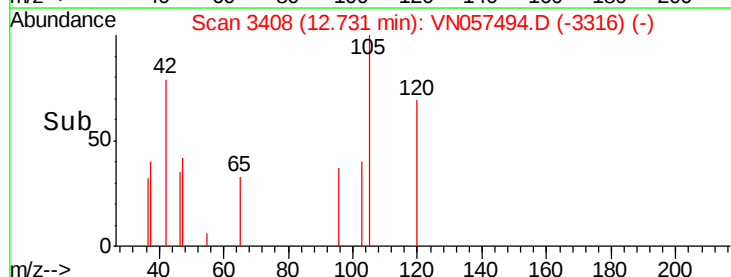
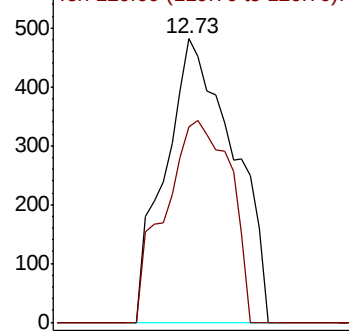
Ion Ratio Lower Upper

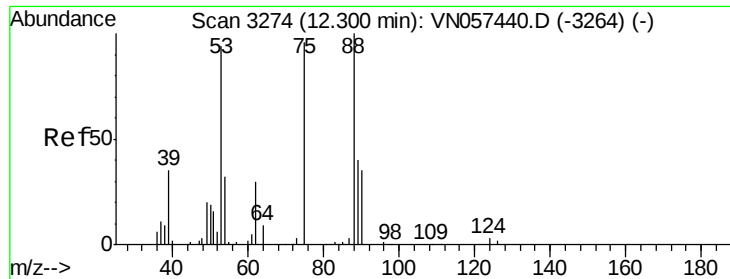
105 100

120 68.5 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): VN057440.D (-3394) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 111.541 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN057494.D

Acq: 24 Aug 2019 00:43

Instrument :

MSVOA_N

ClientSampled :

T6-S2(2.5)

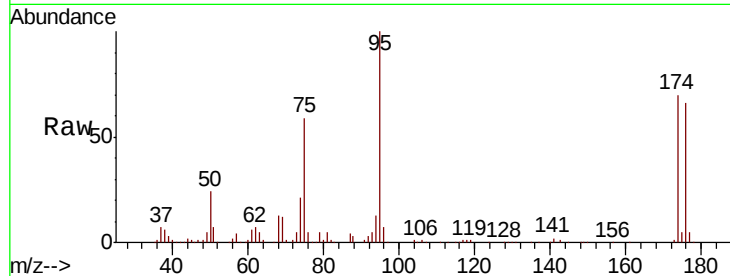
Tgt Ion: 75 Resp: 135409

Ion Ratio Lower Upper

75 100

53 0.1 82.7 124.1#

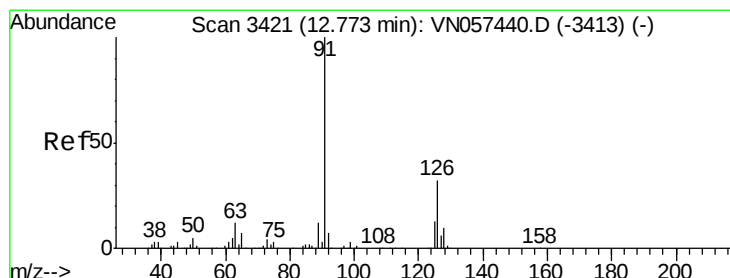
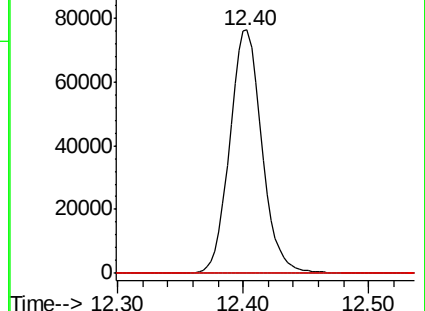
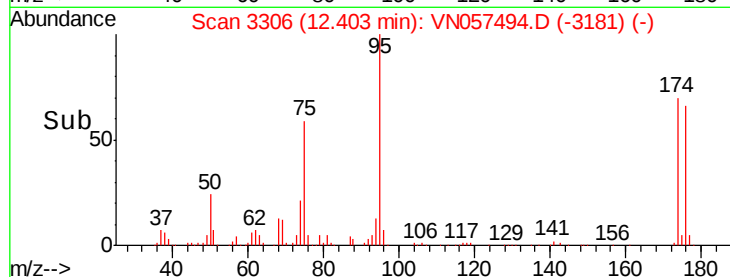
89 0.0 35.8 53.8#



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: 12.80 min Scan# 3429

Delta R.T. 0.03 min

Lab File: VN057494.D

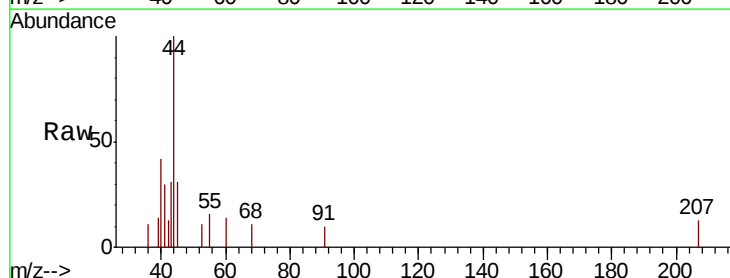
Acq: 24 Aug 2019 00:43

Tgt Ion: 91 Resp: 30

Ion Ratio Lower Upper

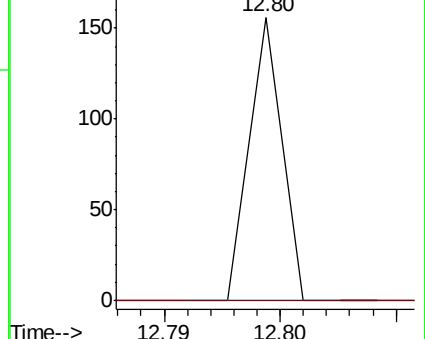
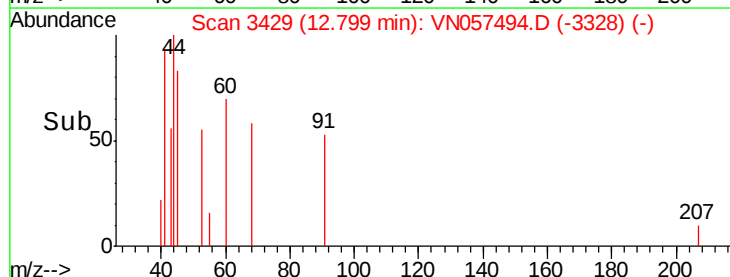
91 100

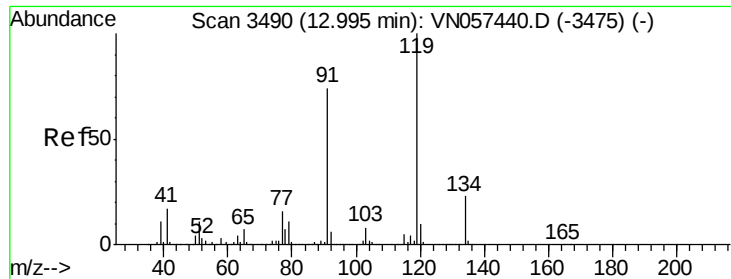
126 0.0 15.0 45.0#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

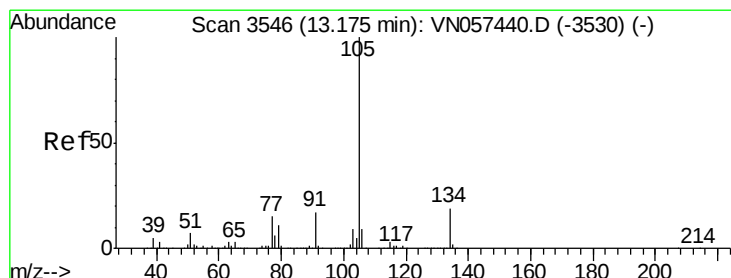
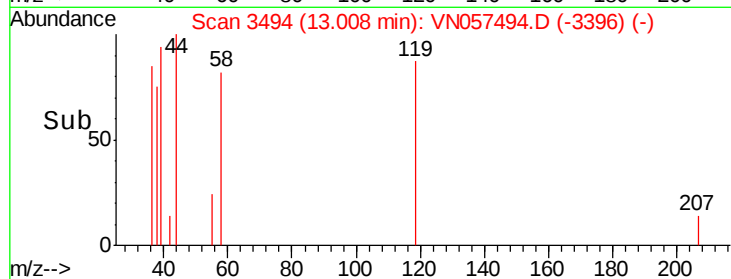
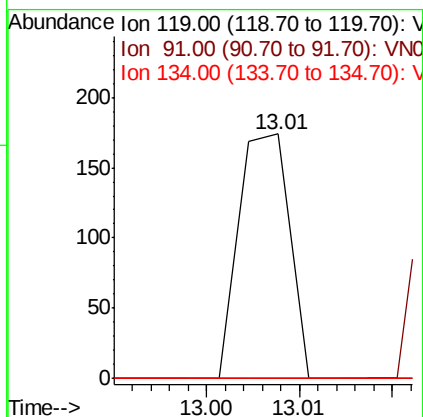
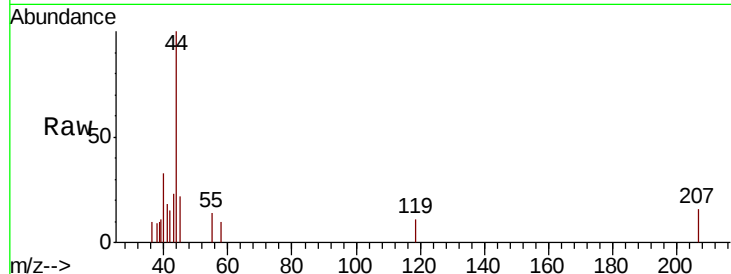




#83
tert-Butylbenzene
Concen: Below Cal
RT: 13.01 min Scan# 3494
Delta R.T. 0.01 min
Lab File: VN057494.D
Acq: 24 Aug 2019 00:43

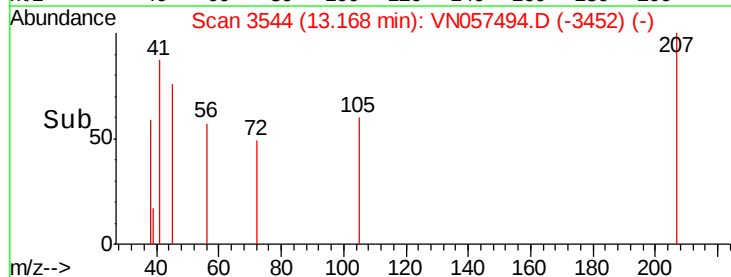
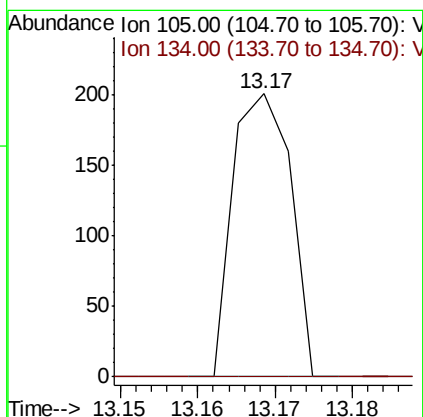
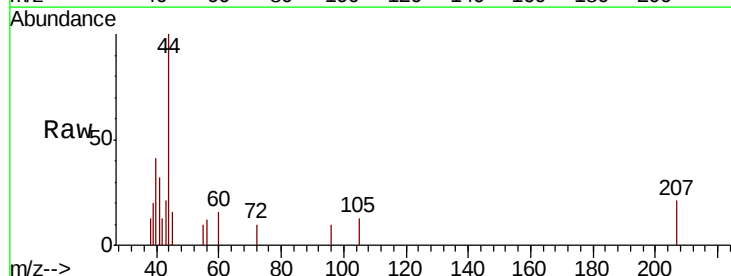
Instrument :
MSVOA_N
ClientSampleId :
T6-S2(2.5)

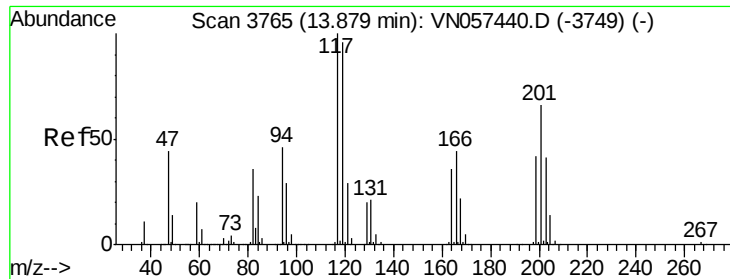
Tgt Ion:119 Resp: 66
Ion Ratio Lower Upper
119 100
91 50.0 37.0 111.0
134 0.0 12.2 36.6#



#85
sec-Butylbenzene
Concen: Below Cal
RT: 13.17 min Scan# 3544
Delta R.T. -0.01 min
Lab File: VN057494.D
Acq: 24 Aug 2019 00:43

Tgt Ion:105 Resp: 104
Ion Ratio Lower Upper
105 100
134 0.0 9.3 27.9#





#90

Hexachloroethane

Concen: Below Cal

RT: 13.92 min Scan# 3777

Delta R.T. 0.04 min

Lab File: VN057494.D

Acq: 24 Aug 2019 00:43

Instrument :

MSVOA_N

ClientSampleId :

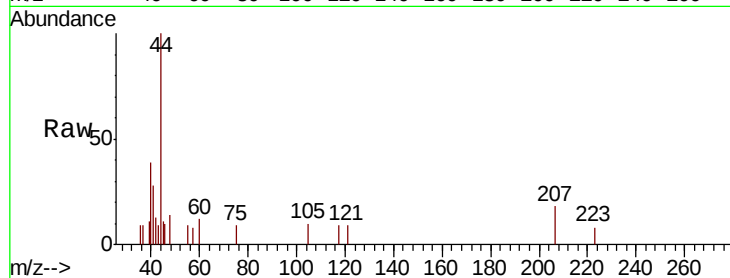
T6-S2(2.5)

Tgt Ion: 117 Resp: 31

Ion Ratio Lower Upper

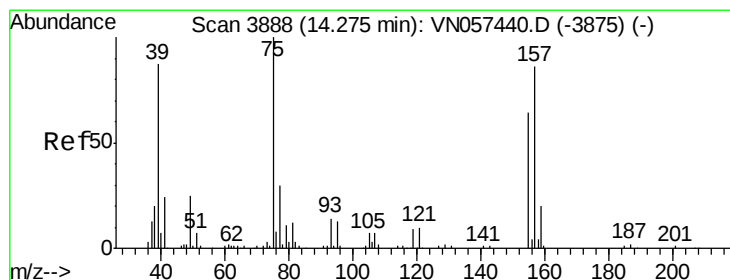
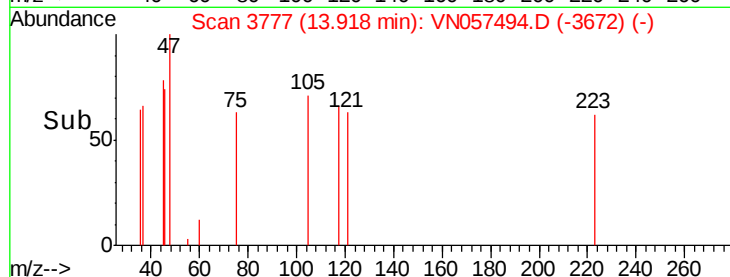
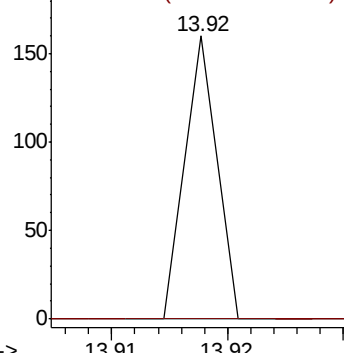
117 100

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



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.22 min Scan# 3872

Delta R.T. -0.05 min

Lab File: VN057494.D

Acq: 24 Aug 2019 00:43

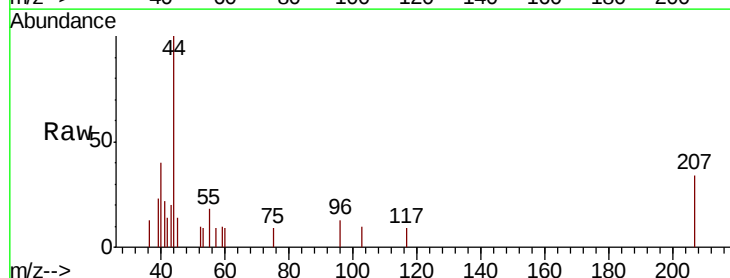
Tgt Ion: 75 Resp: 62

Ion Ratio Lower Upper

75 100

155 0.0 31.6 94.7#

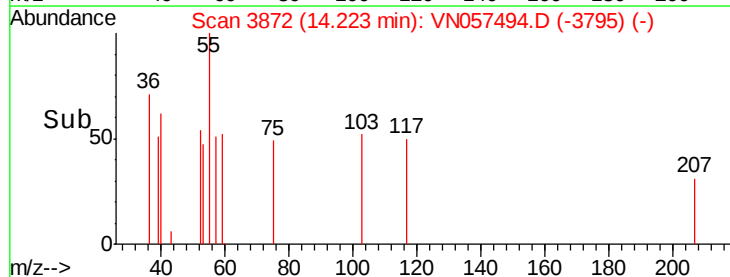
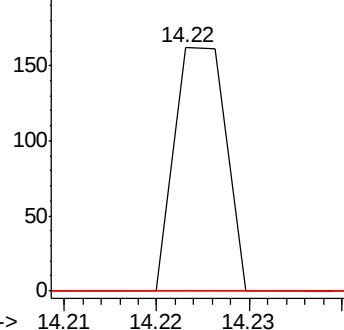
157 0.0 43.3 129.8#

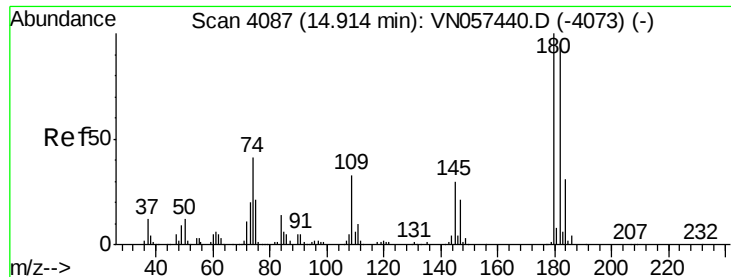


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

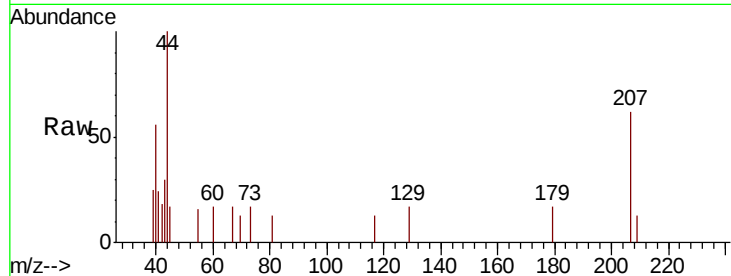




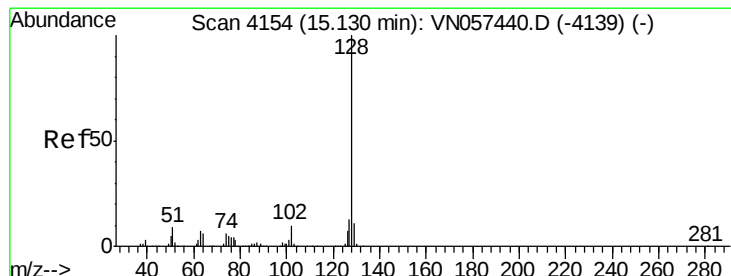
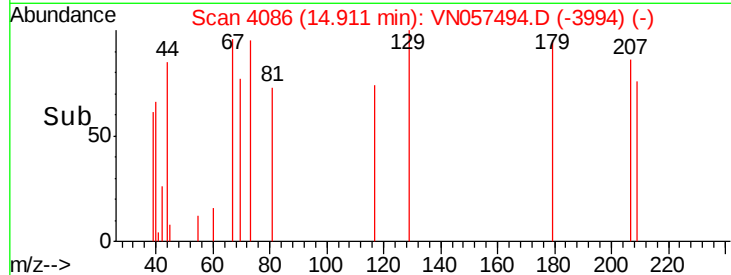
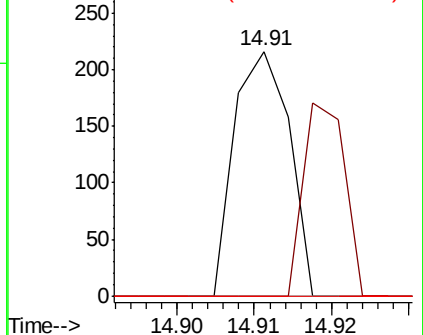
#93
 1,2,4-Trichlorobenzene
 Concen: 5.427 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. -0.00 min
 Lab File: VN057494.D
 Acq: 24 Aug 2019 00:43

Instrument :
 MSVOA_N
 ClientSampleId :
 T6-S2(2.5)

Tgt Ion:180 Resp: 107
 Ion Ratio Lower Upper
 180 100
 182 58.9 46.7 140.1
 145 0.0 15.6 46.8#

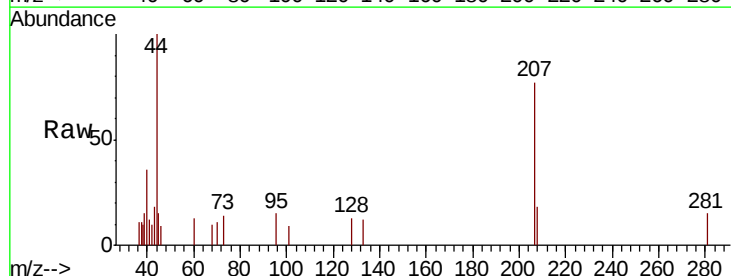


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V



#95
 Naphthalene
 Concen: 4.368 ug/l
 RT: 15.14 min Scan# 4156
 Delta R.T. 0.01 min
 Lab File: VN057494.D
 Acq: 24 Aug 2019 00:43

Tgt Ion:128 Resp: 176
 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

