

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082419\
 Data File : VN057490.D
 Acq On : 23 Aug 2019 23:01
 Operator : JC/SP
 Sample : K4472-34
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T2-S4(2.5)

Quant Time: Aug 26 05:15:47 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	401027	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	697443	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	562303	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	132663	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	339986	48.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.38%	
35) Dibromofluoromethane	7.57	113	224223	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	
50) Toluene-d8	10.09	98	875487	49.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.30%	
62) 4-Bromofluorobenzene	12.40	95	227821	37.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.40	74	2642	Below Cal		60
9) 1,1,2-Trichlorotrifluoroet	3.73	101	185	Below Cal	#	6
13) Acrolein	3.58	56	306	0.397	ug/l #	1
16) Acetone	3.80	43	23882	7.372	ug/l #	86
18) Methyl Acetate	4.31	43	10746	0.594	ug/l	93
20) Methylene Chloride	4.53	84	7347	1.457	ug/l	86
29) Tetrahydrofuran	7.20	42	476	0.205	ug/l #	69
31) Cyclohexane	7.64	56	13783	1.391	ug/l #	25
36) 1,1-Dichloropropene	7.65	75	40971	5.749	ug/l #	50
38) Carbon Tetrachloride	7.65	117	43719	6.175	ug/l #	15
43) Isopropyl Acetate	8.16	43	78893	6.110	ug/l	98
46) Dibromomethane	8.91	93	63	Below Cal	#	10
48) Methyl methacrylate	9.18	41	4563	0.743	ug/l #	15
49) 1,4-Dioxane	9.26	88	97	1.222	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	4960	0.689	ug/l	93
54) cis-1,3-Dichloropropene	9.90	75	35219	3.800	ug/l #	64
57) 1,3-Dichloropropane	10.76	76	4298	0.495	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.71	63	59	17.090	ug/l #	52
59) 2-Hexanone	10.76	43	67585	13.693	ug/l #	54
71) Bromoform	12.39	173	1013	0.344	ug/l #	1
73) Isopropylbenzene	12.26	105	153	Below Cal	#	50
74) N-amyl acetate	12.03	43	1329	Below Cal	#	59
75) 1,1,2,2-Tetrachloroethane	12.44	83	63	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	130844	44.120	ug/l #	100
78) n-propylbenzene	12.59	91	550	Below Cal	#	55
79) 2-Chlorotoluene	12.59	91	550	Below Cal	#	44
80) 1,3,5-Trimethylbenzene	12.74	105	704	Below Cal	#	30
81) trans-1,4-Dichloro-2-buten	12.40	75	130844	113.222	ug/l #	9
82) 4-Chlorotoluene	12.79	91	204	Below Cal	#	45
83) tert-Butylbenzene	13.03	119	61	Below Cal	#	22
85) sec-Butylbenzene	13.17	105	184	Below Cal	#	58
90) Hexachloroethane	13.68	117	33	Below Cal	#	17
92) 1,2-Dibromo-3-Chloropropan	14.37	75	59	Below Cal	#	11
93) 1,2,4-Trichlorobenzene	14.92	180	148	5.452	ug/l #	70

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

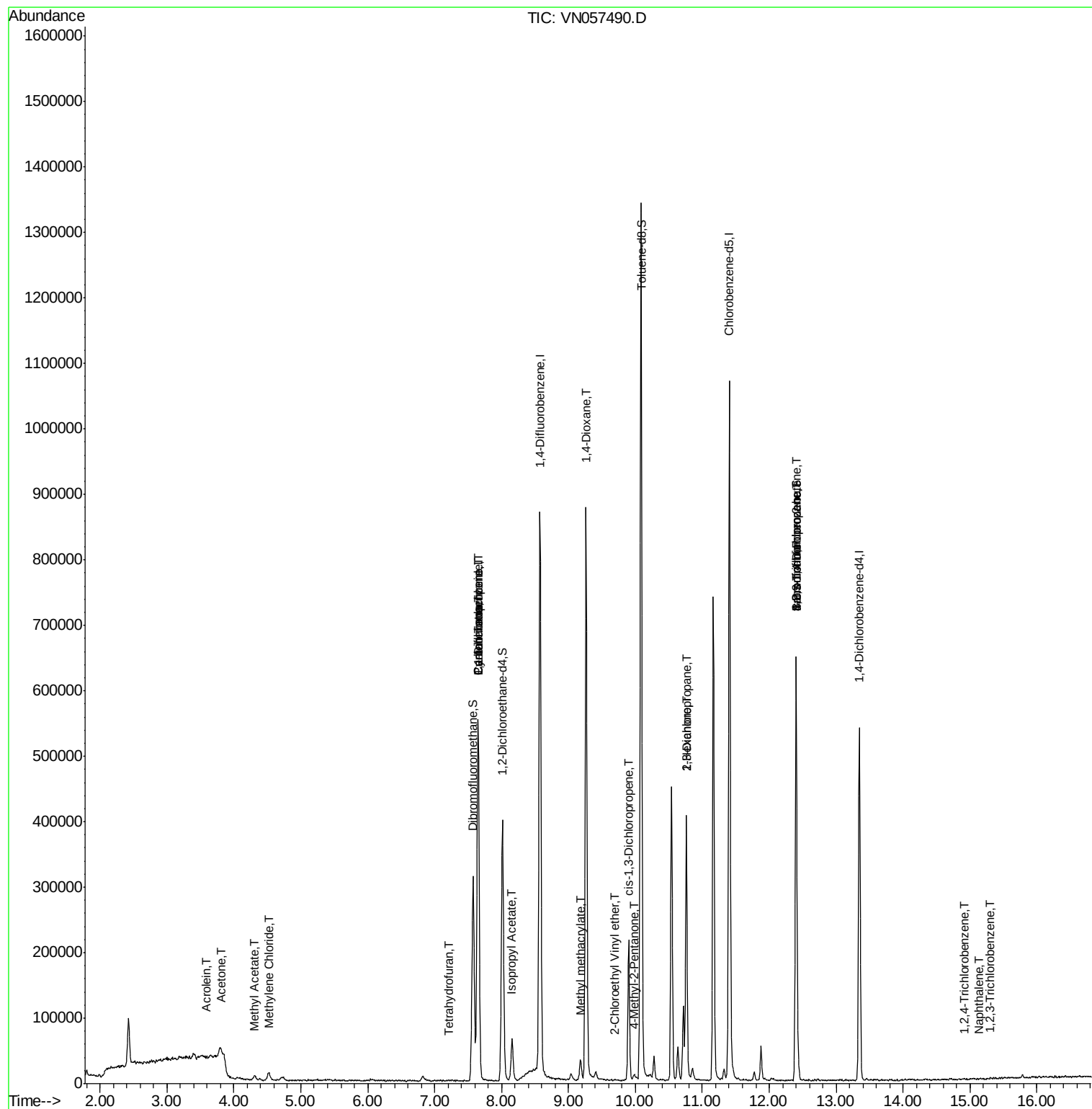
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.13	128	139	4.363	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.30	180	165	5.205	ug/l	59

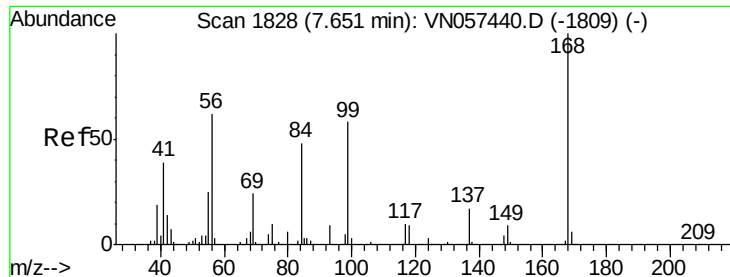
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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: VN057490.D

Acq: 23 Aug 2019 23:01

Instrument :

MSVOA_N

ClientSampleId :

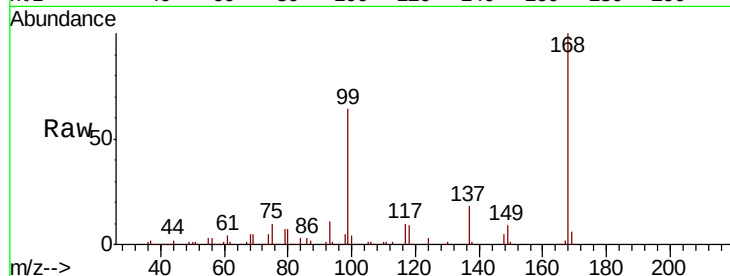
T2-S4(2.5)

Tgt Ion:168 Resp: 401027

Ion Ratio Lower Upper

168 100

99 64.4 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

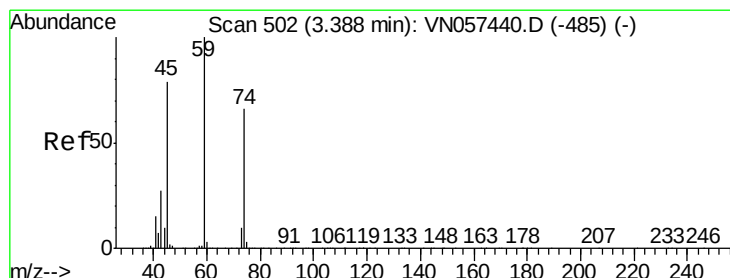
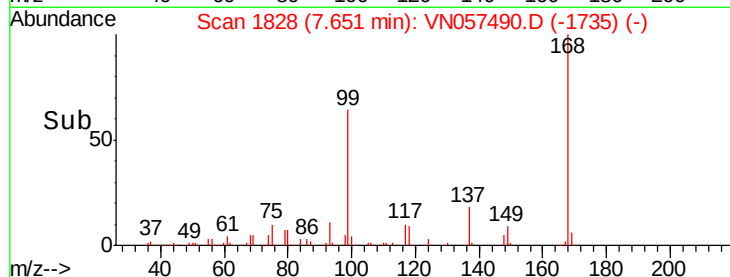
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: Below Cal

RT: 3.40 min Scan# 505

Delta R.T. 0.01 min

Lab File: VN057490.D

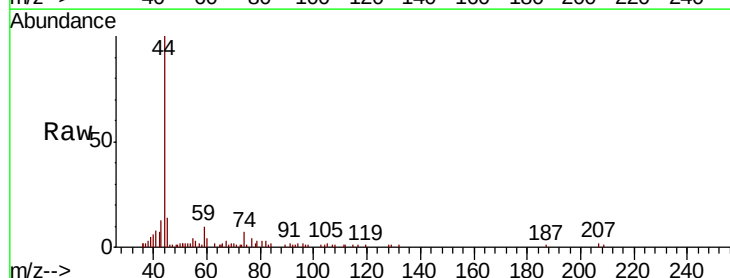
Acq: 23 Aug 2019 23:01

Tgt Ion: 74 Resp: 2642

Ion Ratio Lower Upper

74 100

45 72.5 57.9 173.6



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0

3000

2500

2000

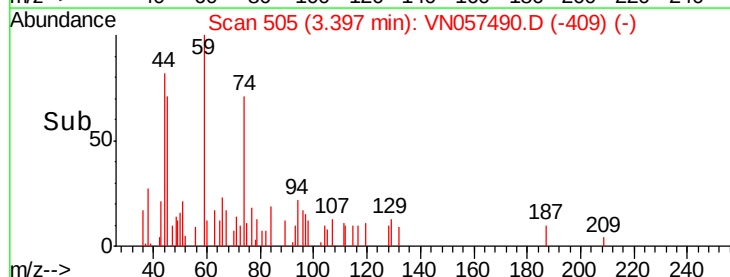
1500

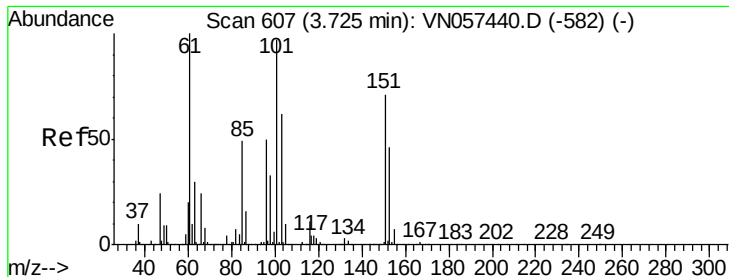
1000

500

0

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: Below Cal

RT: 3.73 min Scan# 607

Delta R.T. 0.00 min

Lab File: VN057490.D

Acq: 23 Aug 2019 23:01

Instrument :

MSVOA_N

ClientSampleId :

T2-S4(2.5)

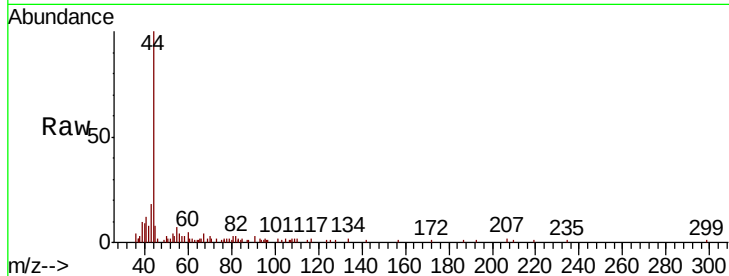
Tgt Ion:101 Resp: 185

Ion Ratio Lower Upper

101 100

85 122.7 40.0 60.0#

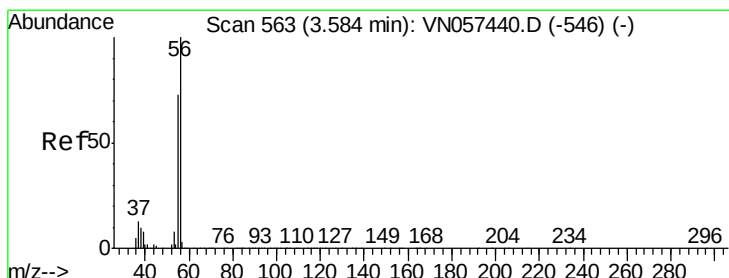
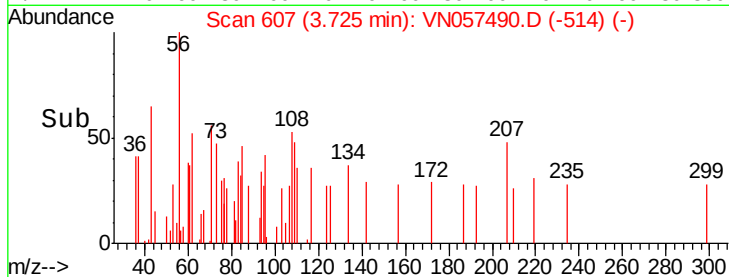
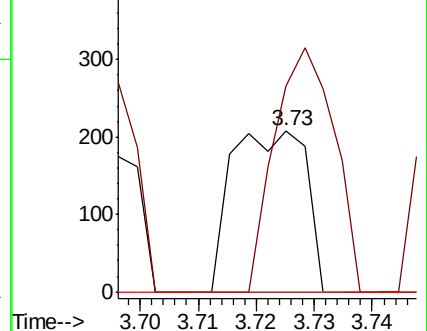
151 0.0 57.0 85.6#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#13

Acrolein

Concen: 0.397 ug/l

RT: 3.58 min Scan# 563

Delta R.T. -0.00 min

Lab File: VN057490.D

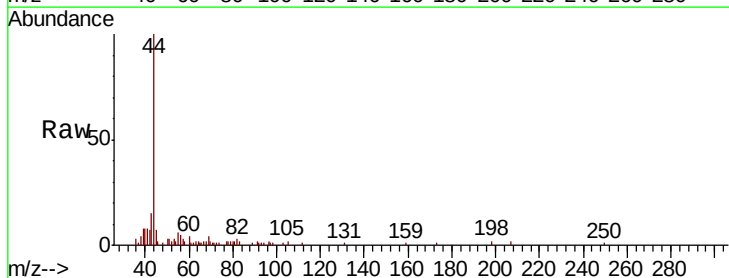
Acq: 23 Aug 2019 23:01

Tgt Ion: 56 Resp: 306

Ion Ratio Lower Upper

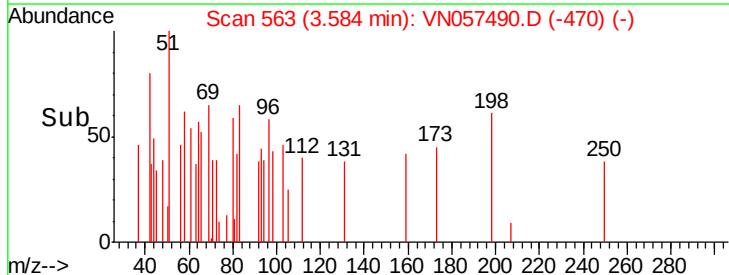
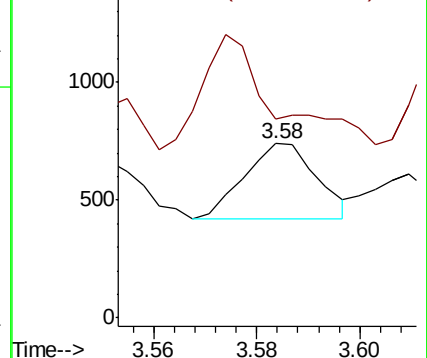
56 100

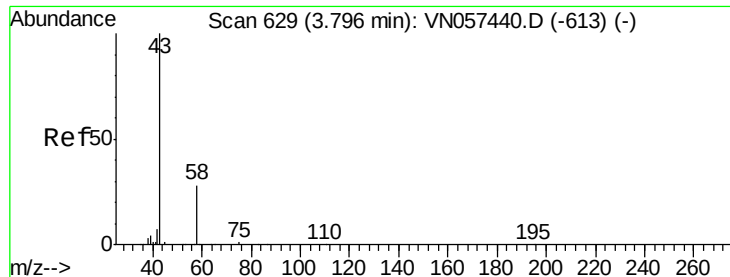
55 157.8 59.0 88.4#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0





#16

Acetone

Concen: 7.372 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN057490.D

Acq: 23 Aug 2019 23:01

Instrument :

MSVOA_N

ClientSampled :

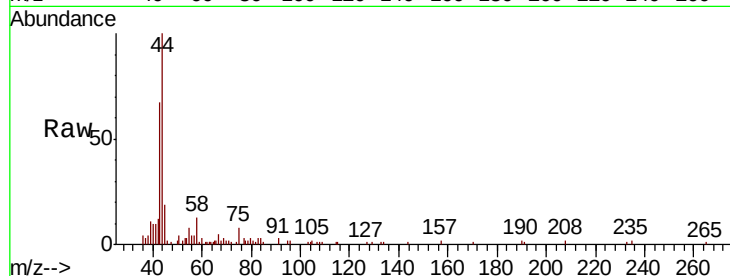
T2-S4(2.5)

Tgt Ion: 43 Resp: 23882

Ion Ratio Lower Upper

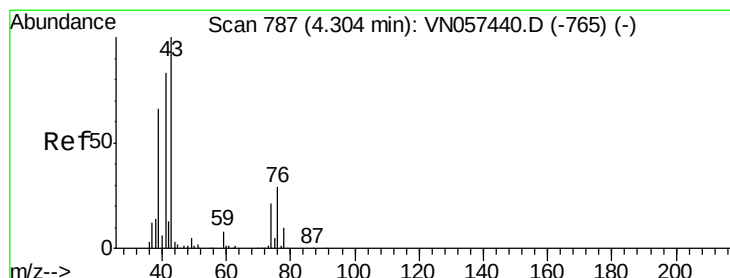
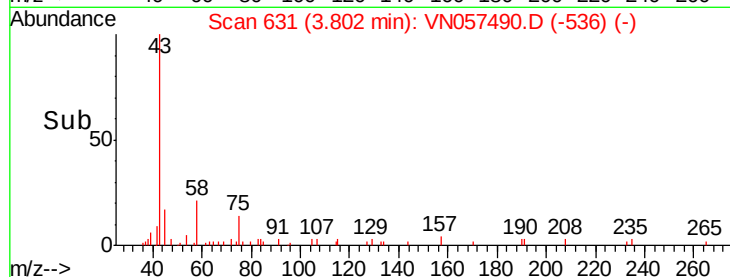
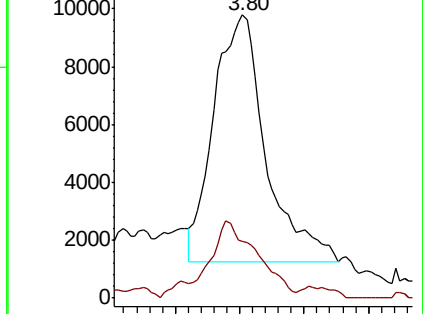
43 100

58 20.1 22.1 33.1#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 0.594 ug/l

RT: 4.31 min Scan# 788

Delta R.T. 0.00 min

Lab File: VN057490.D

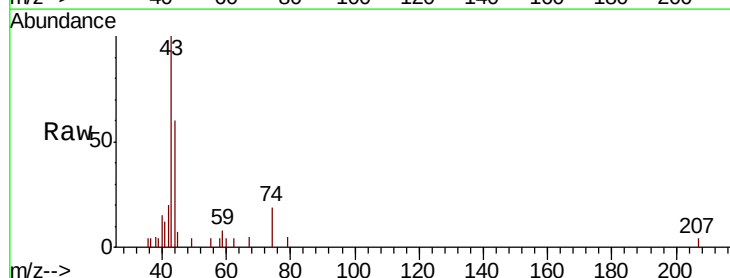
Acq: 23 Aug 2019 23:01

Tgt Ion: 43 Resp: 10746

Ion Ratio Lower Upper

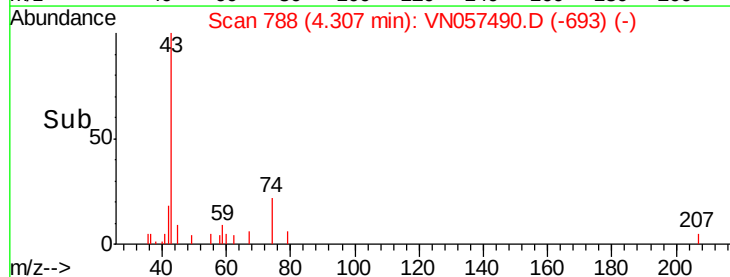
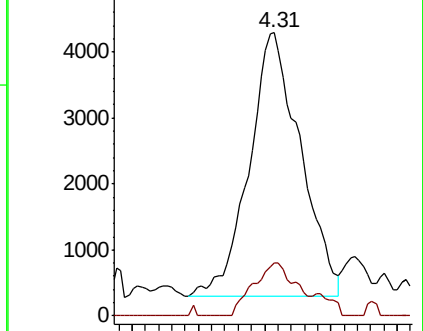
43 100

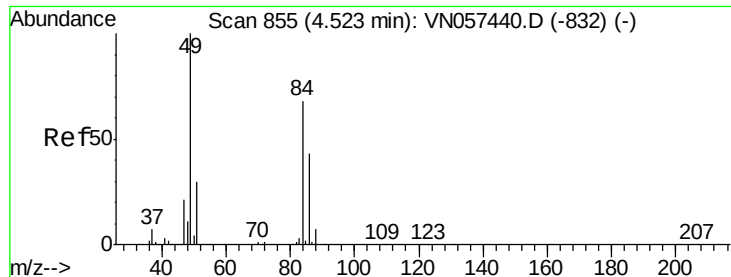
74 16.9 15.9 23.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





#20

Methylene Chloride

Concen: 1.457 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN057490.D

Acq: 23 Aug 2019 23:01

Instrument :

MSVOA_N

ClientSampleId :

T2-S4(2.5)

Tgt Ion: 84 Resp: 7347

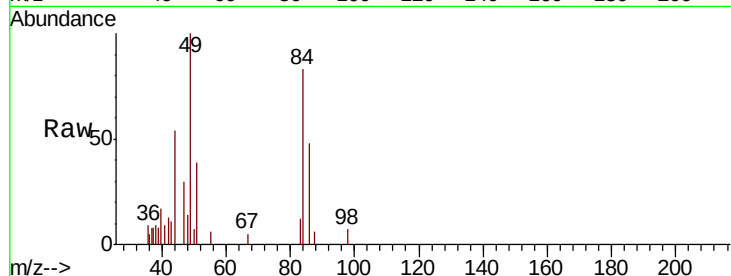
Ion Ratio Lower Upper

84 100

49 120.2 117.0 175.4

51 40.9 35.5 53.3

86 58.3 49.8 74.8

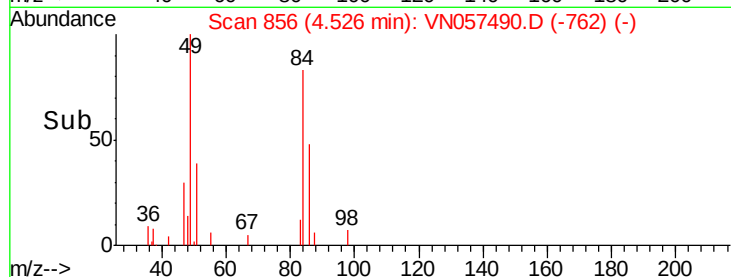
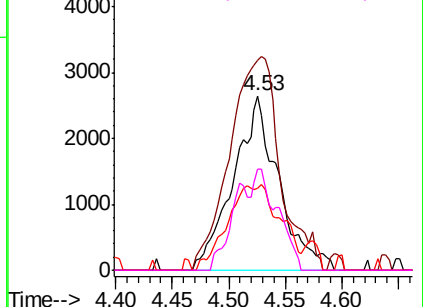


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#29

Tetrahydrofuran

Concen: 0.205 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VN057490.D

Acq: 23 Aug 2019 23:01

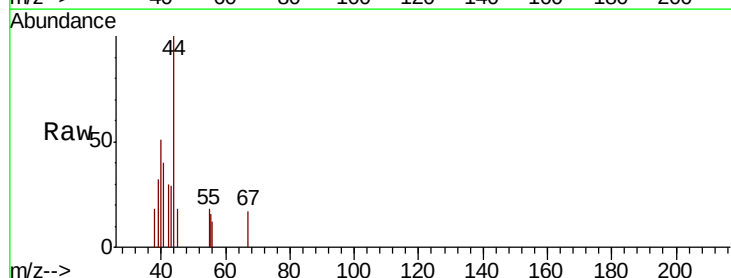
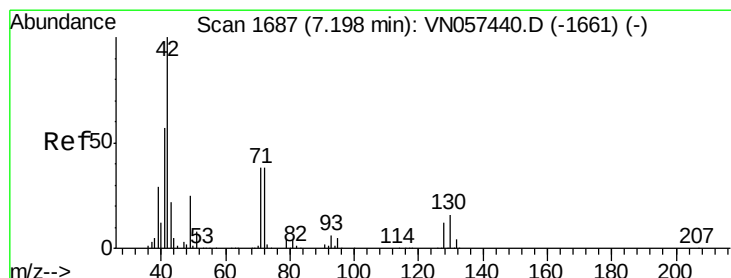
Tgt Ion: 42 Resp: 476

Ion Ratio Lower Upper

42 100

72 16.6 30.1 45.1#

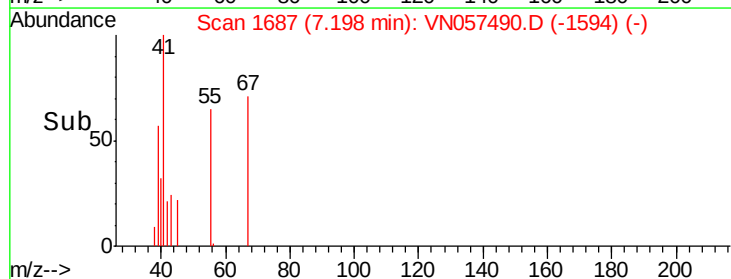
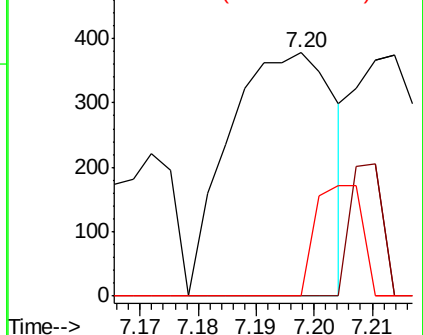
71 20.2 28.8 43.2#

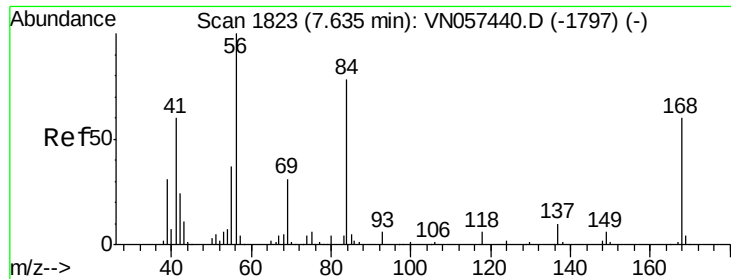


Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0

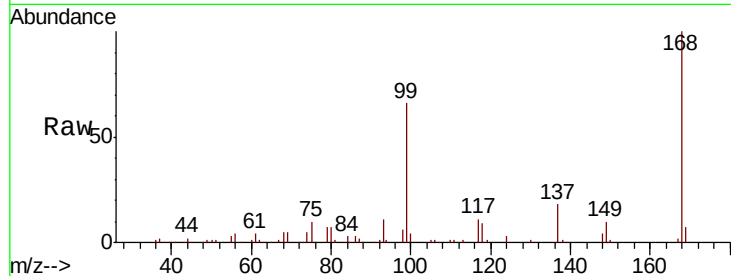




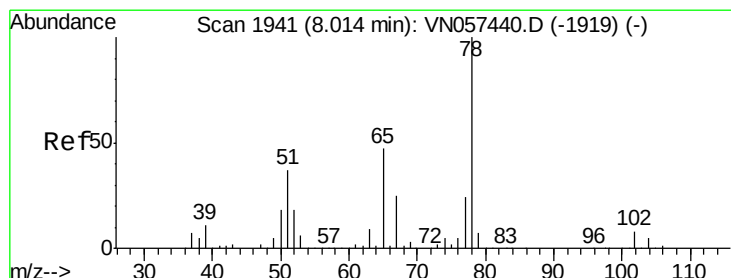
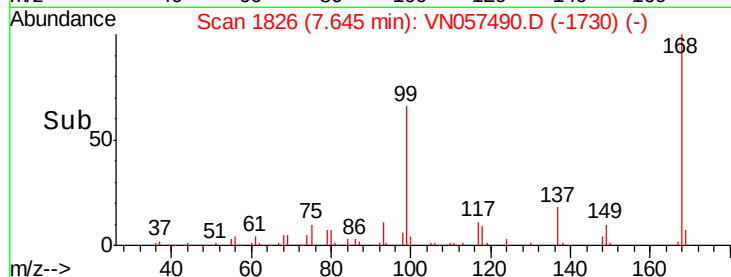
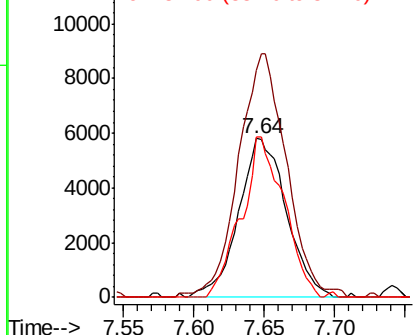
#31
Cyclohexane
Concen: 1.391 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VN057490.D
Acq: 23 Aug 2019 23:01

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T2-S4(2.5)

Tgt Ion: 56 Resp: 13783
Ion Ratio Lower Upper
56 100
69 140.2 25.0 37.6#
84 100.6 62.5 93.7#

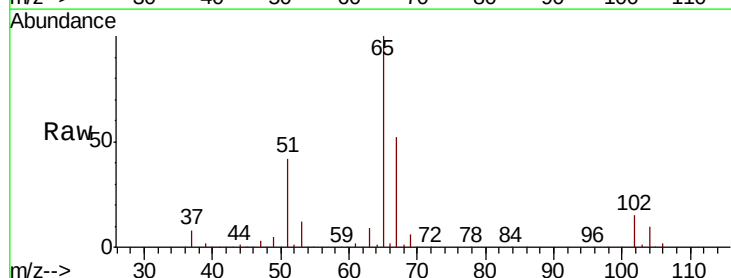


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

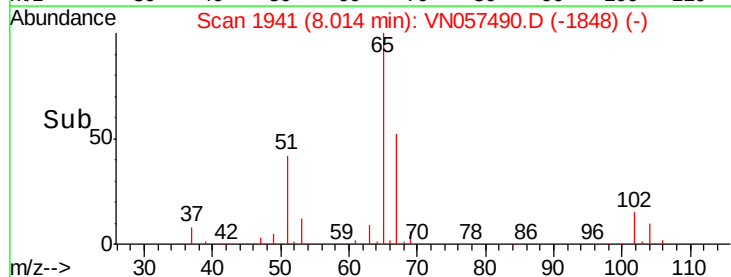
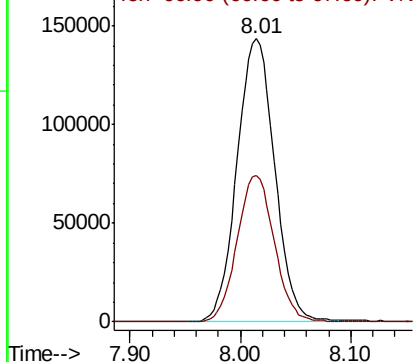


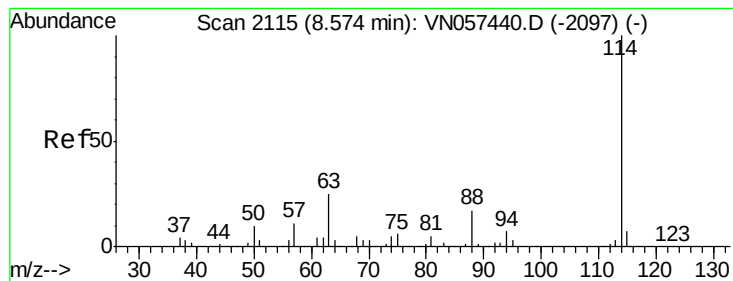
#33
1,2-Dichloroethane-d4
Concen: 48.194 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VN057490.D
Acq: 23 Aug 2019 23:01

Tgt Ion: 65 Resp: 339986
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.8



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





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. -0.00 min

Lab File: VN057490.D

Acq: 23 Aug 2019 23:01

Instrument :

MSVOA_N

ClientSampleId :

T2-S4(2.5)

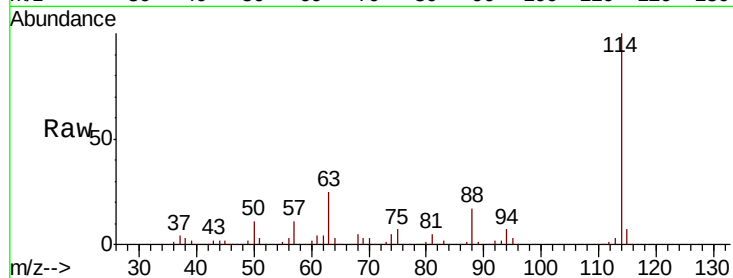
Tgt Ion:114 Resp: 697443

Ion Ratio Lower Upper

114 100

63 25.3 0.0 50.2

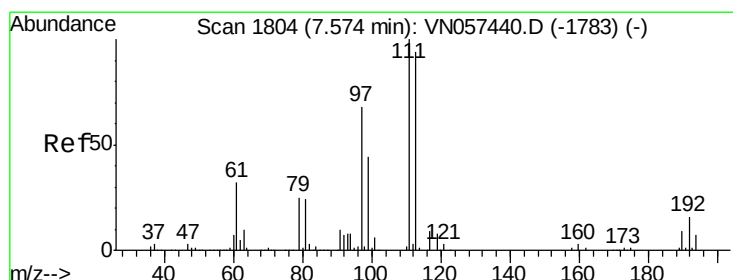
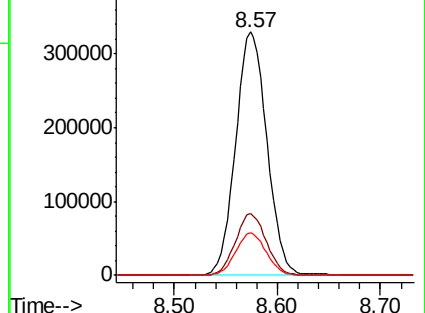
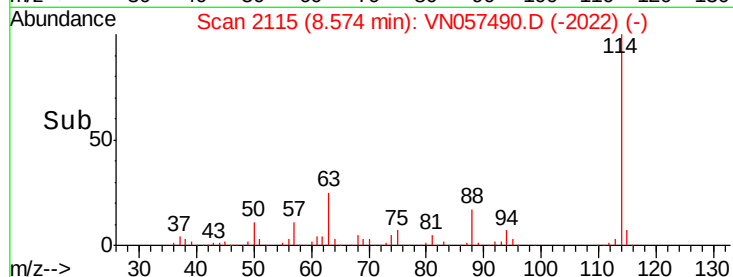
88 17.3 0.0 34.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 47.596 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VN057490.D

Acq: 23 Aug 2019 23:01

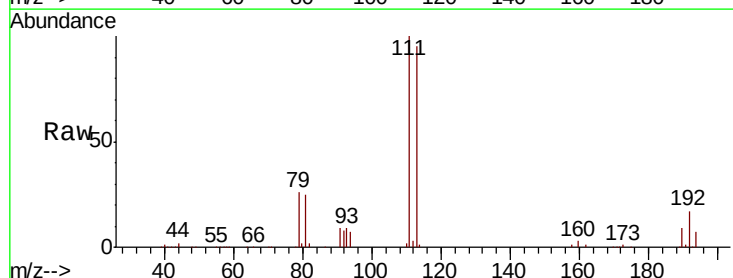
Tgt Ion:113 Resp: 224223

Ion Ratio Lower Upper

113 100

111 102.4 83.8 125.6

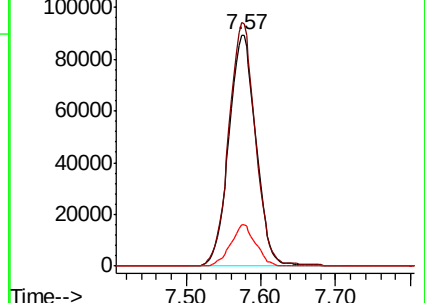
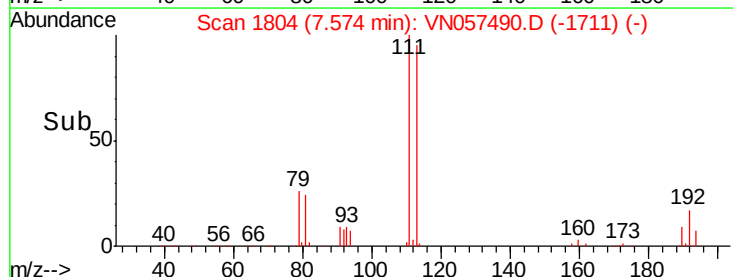
192 16.6 13.5 20.3

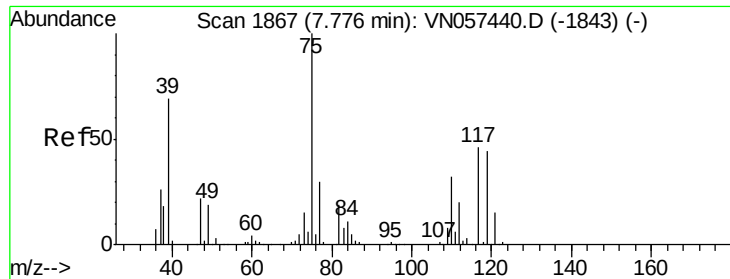


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

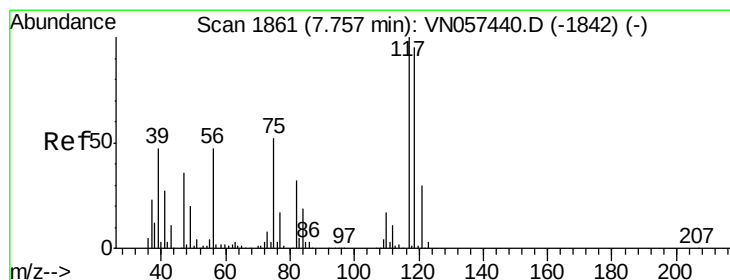
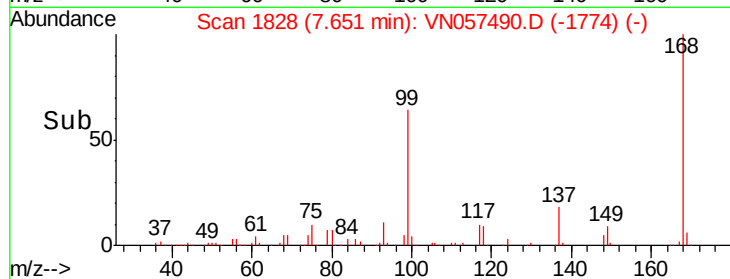
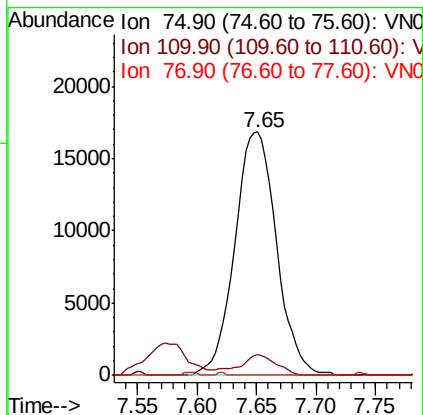
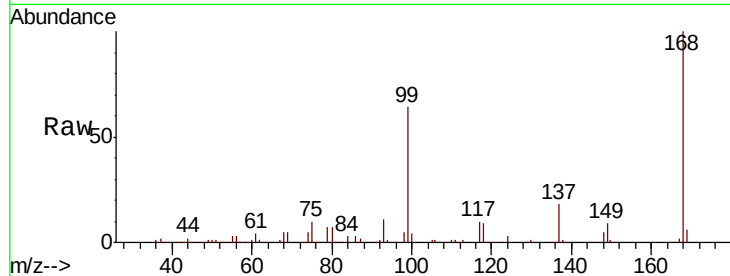




#36
 1,1-Dichloropropene
 Concen: 5.749 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.13 min
 Lab File: VN057490.D
 Acq: 23 Aug 2019 23:01

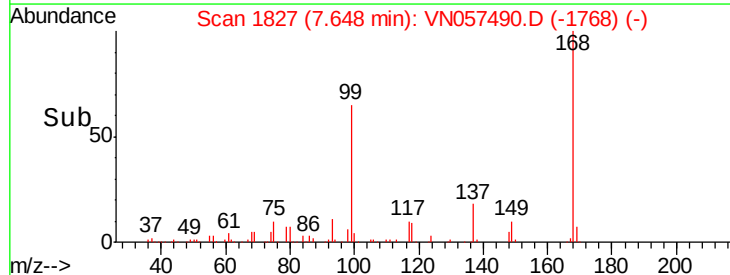
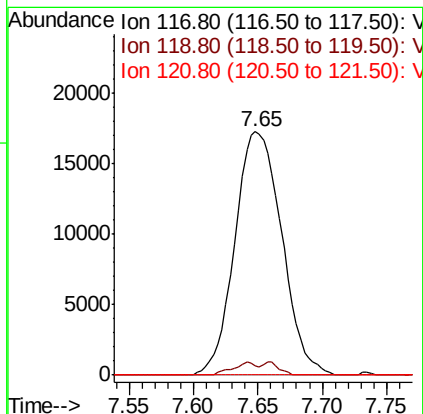
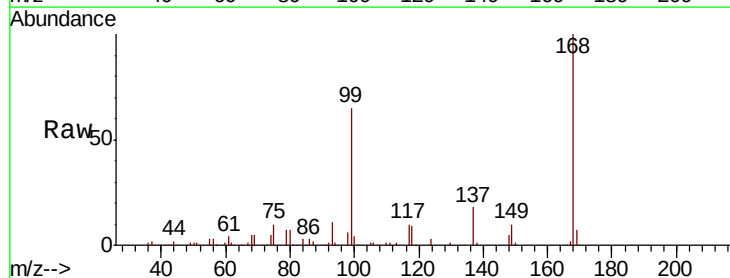
Instrument :
 MSVOA_N
 ClientSampleId :
 T2-S4(2.5)

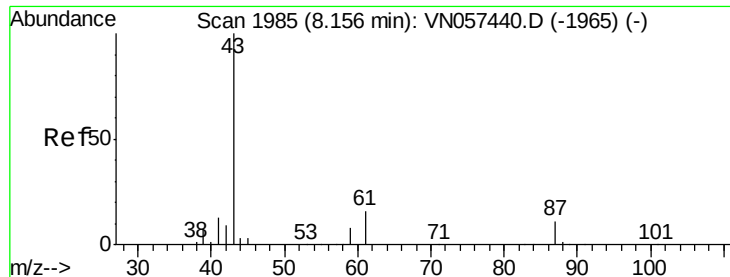
Tgt Ion: 75 Resp: 40971
 Ion Ratio Lower Upper
 75 100
 110 7.6 16.1 48.3#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 6.175 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.11 min
 Lab File: VN057490.D
 Acq: 23 Aug 2019 23:01

Tgt Ion: 117 Resp: 43719
 Ion Ratio Lower Upper
 117 100
 119 3.6 76.2 114.4#
 121 0.0 23.8 35.6#





#43

Isopropyl Acetate

Concen: 6.110 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN057490.D

Acq: 23 Aug 2019 23:01

Instrument :

MSVOA_N

ClientSampleId :

T2-S4(2.5)

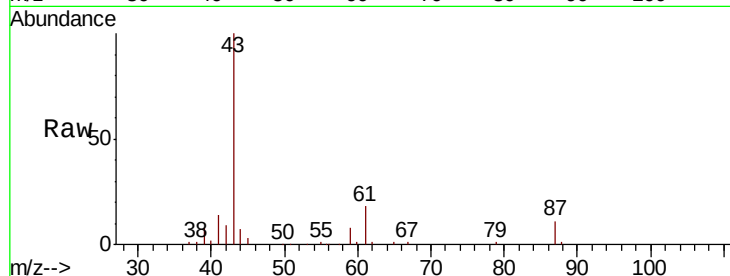
Tgt Ion: 43 Resp: 78893

Ion Ratio Lower Upper

43 100

61 17.0 14.5 21.7

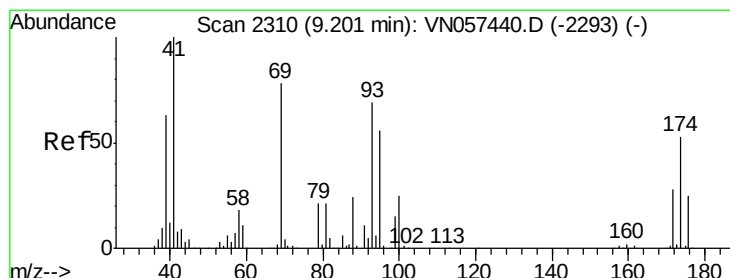
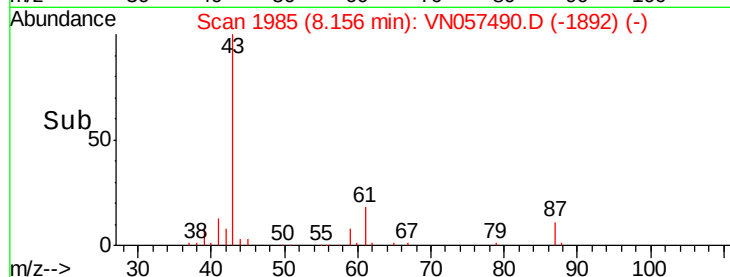
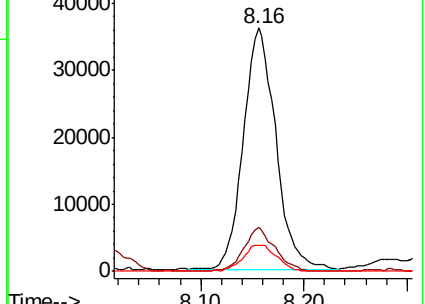
87 11.1 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VN057440.D (-1965) (-)

Ion 61.00 (60.70 to 61.70): VN057440.D (-1965) (-)

Ion 87.00 (86.70 to 87.70): VN057440.D (-1965) (-)



#46

Dibromomethane

Concen: Below Cal

RT: 8.91 min Scan# 2220

Delta R.T. -0.29 min

Lab File: VN057490.D

Acq: 23 Aug 2019 23:01

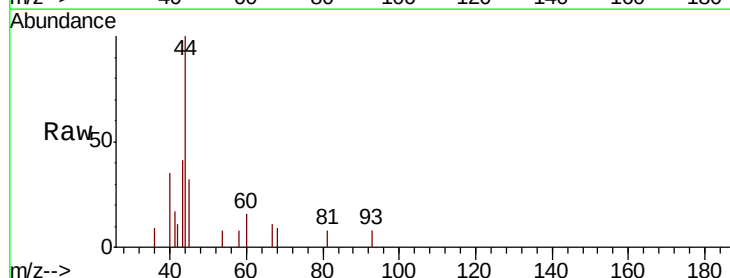
Tgt Ion: 93 Resp: 63

Ion Ratio Lower Upper

93 100

95 0.0 64.7 97.1#

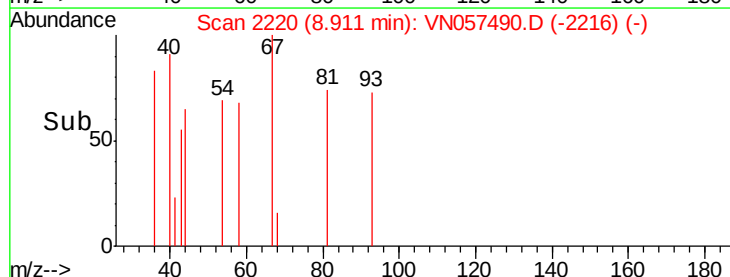
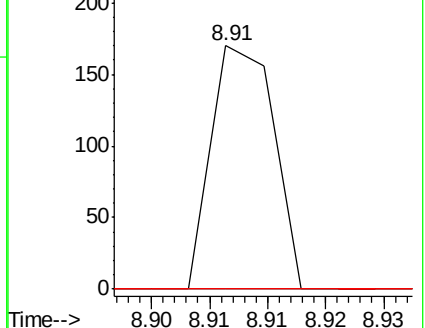
174 0.0 62.3 93.5#

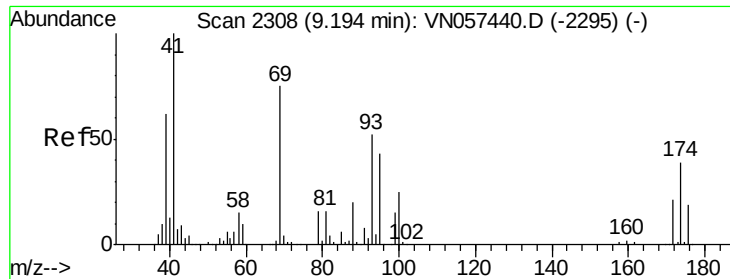


Abundance Ion 92.80 (92.50 to 93.50): VN057440.D (-2293) (-)

Ion 94.80 (94.50 to 95.50): VN057440.D (-2293) (-)

Ion 173.70 (173.40 to 174.40): VN057440.D (-2293) (-)

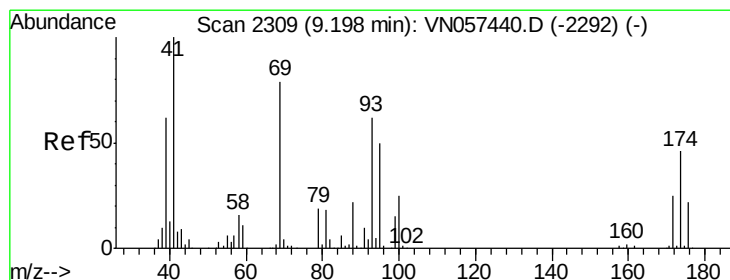
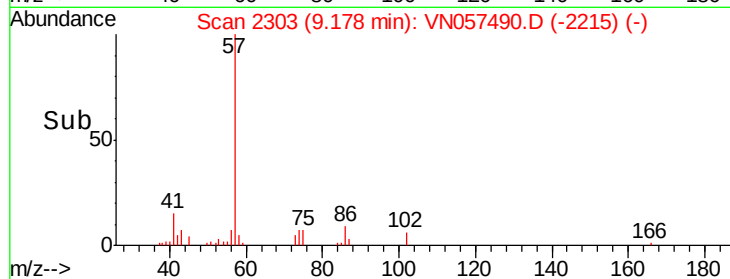
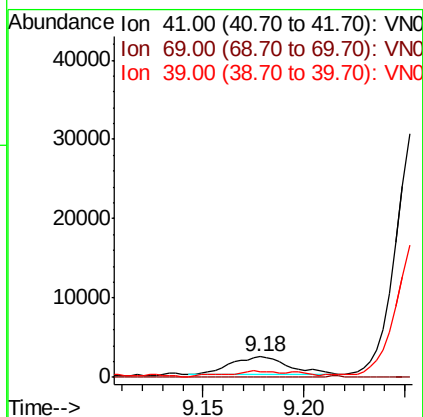
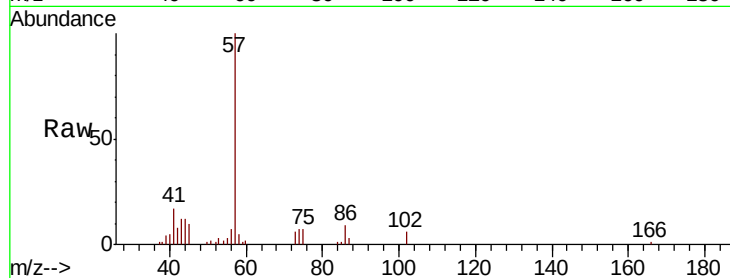




#48
Methyl methacrylate
Concen: 0.743 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN057490.D
Acq: 23 Aug 2019 23:01

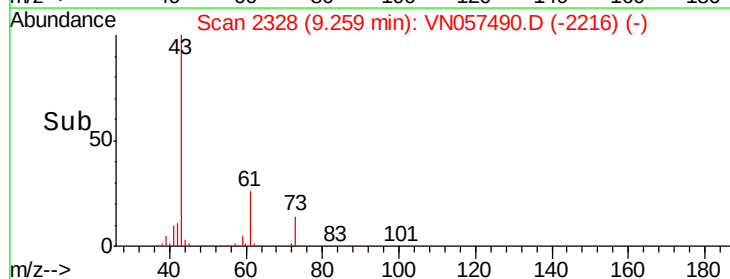
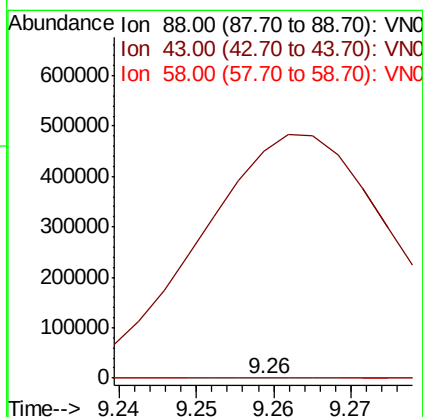
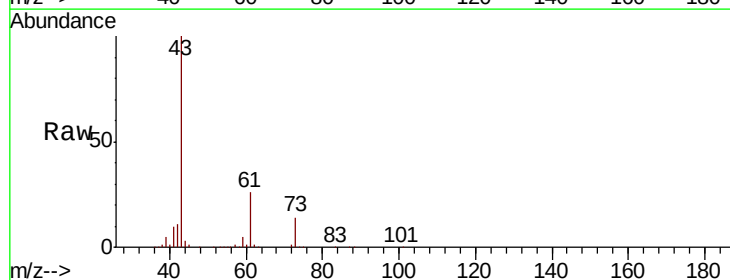
Instrument :
MSVOA_N
ClientSampleId :
T2-S4(2.5)

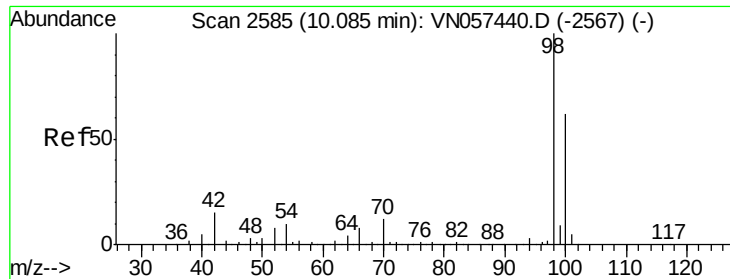
Tgt Ion: 41 Resp: 4563
Ion Ratio Lower Upper
41 100
69 0.0 59.3 88.9#
39 0.0 50.6 75.8#



#49
1,4-Dioxane
Concen: 1.222 ug/l
RT: 9.26 min Scan# 2328
Delta R.T. 0.06 min
Lab File: VN057490.D
Acq: 23 Aug 2019 23:01

Tgt Ion: 88 Resp: 97
Ion Ratio Lower Upper
88 100
43 923401.0 31.0 46.6#
58 4050.5 64.5 96.7#





#50

Toluene-d8

Concen: 49.149 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057490.D

Acq: 23 Aug 2019 23:01

Instrument :

MSVOA_N

ClientSampled :

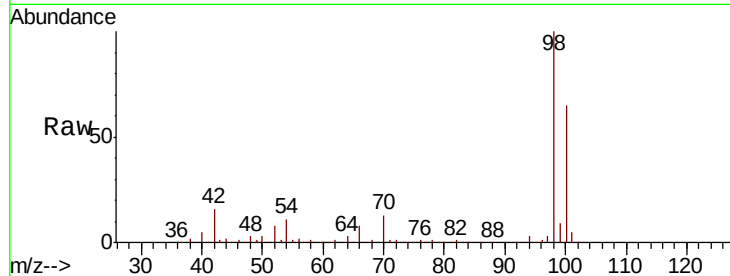
T2-S4(2.5)

Tgt Ion: 98 Resp: 875487

Ion Ratio Lower Upper

98 100

100 64.4 50.4 75.6



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

Ion 100.00 (99.70 to 100.70): VN057490.D (-2492) (-)

10.09

500000

400000

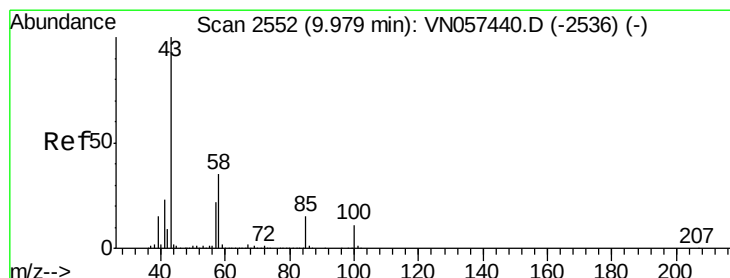
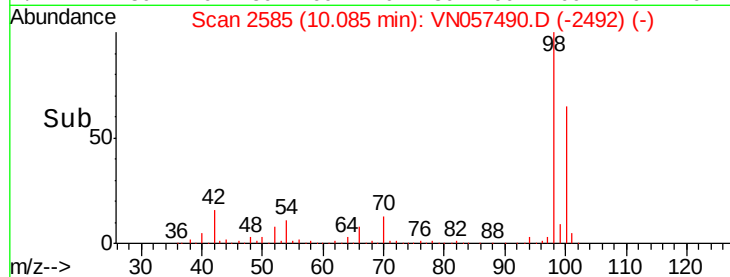
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.689 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. -0.00 min

Lab File: VN057490.D

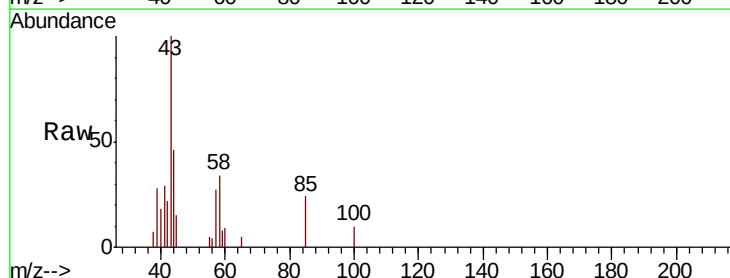
Acq: 23 Aug 2019 23:01

Tgt Ion: 43 Resp: 4960

Ion Ratio Lower Upper

43 100

58 38.9 27.9 41.9



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

Ion 58.00 (57.70 to 58.70): VN057490.D (-2459) (-)

9.98

6000

5000

4000

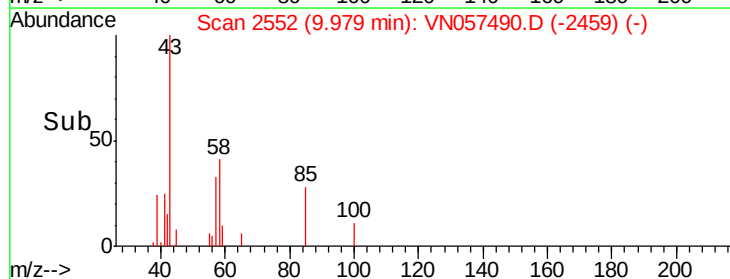
3000

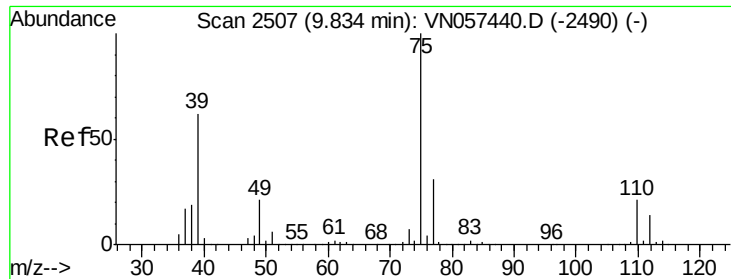
2000

1000

0

Time-->

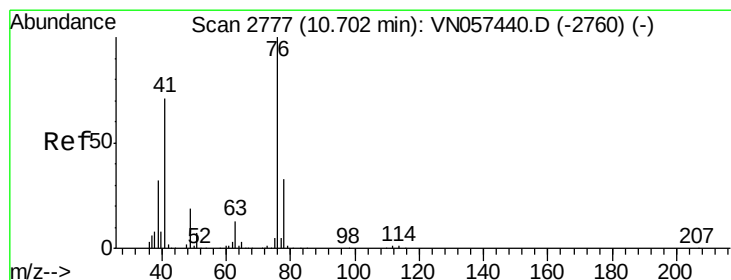
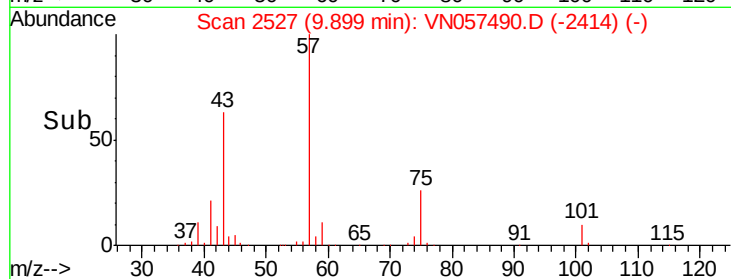
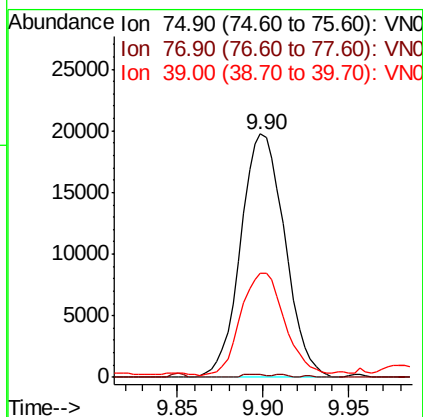
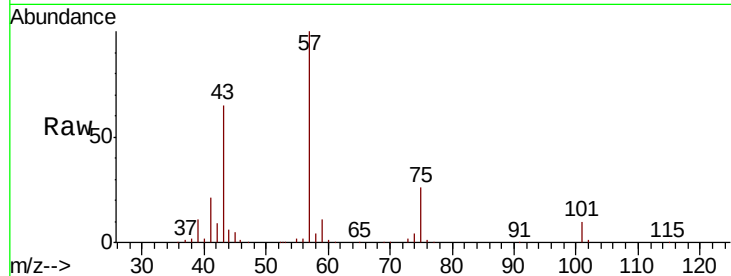




#54
 cis-1,3-Dichloropropene
 Concen: 3.800 ug/l
 RT: 9.90 min Scan# 2527
 Delta R.T. 0.06 min
 Lab File: VN057490.D
 Acq: 23 Aug 2019 23:01

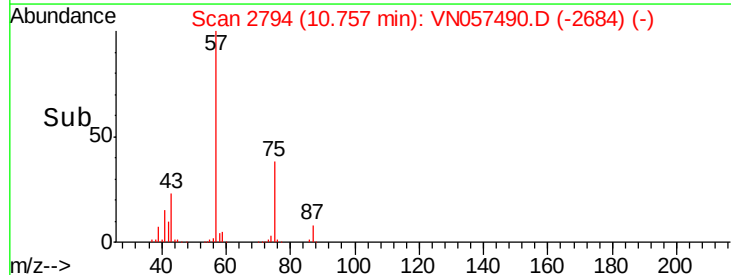
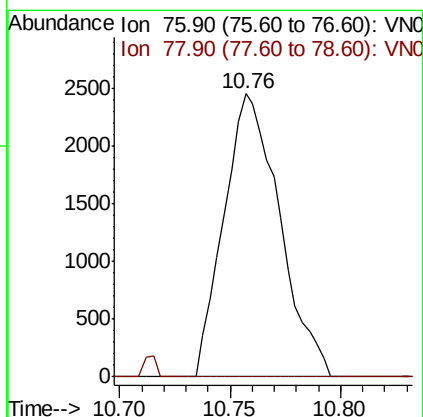
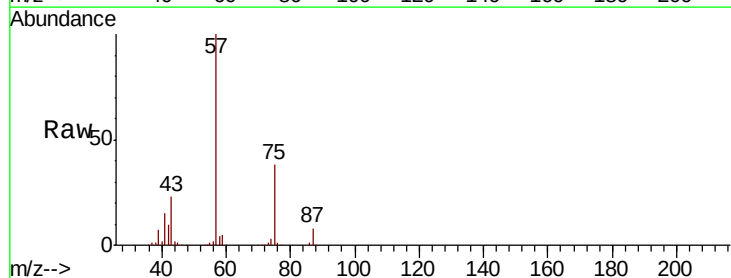
Instrument :
 MSVOA_N
 ClientSampled :
 T2-S4(2.5)

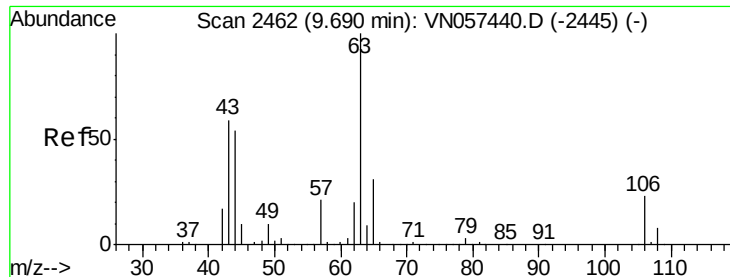
Tgt Ion: 75 Resp: 35219
 Ion Ratio Lower Upper
 75 100
 77 1.0 25.0 37.6#
 39 41.4 49.2 73.8#



#57
 1,3-Dichloropropane
 Concen: 0.495 ug/l
 RT: 10.76 min Scan# 2794
 Delta R.T. 0.05 min
 Lab File: VN057490.D
 Acq: 23 Aug 2019 23:01

Tgt Ion: 76 Resp: 4298
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.5 38.3#





#58

2-Chloroethyl Vinyl ether

Concen: 17.090 ug/l

RT: 9.71 min Scan# 2467

Delta R.T. 0.02 min

Lab File: VN057490.D

Acq: 23 Aug 2019 23:01

Instrument :

MSVOA_N

ClientSampleId :

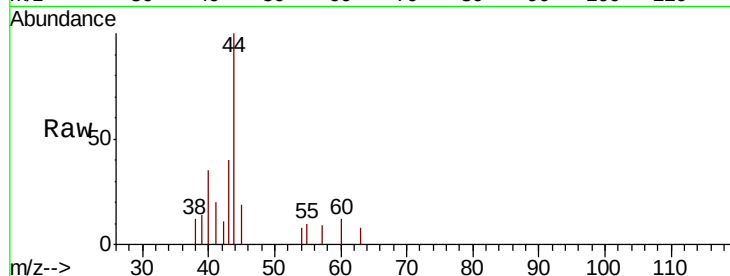
T2-S4(2.5)

Tgt Ion: 63 Resp: 59

Ion Ratio Lower Upper

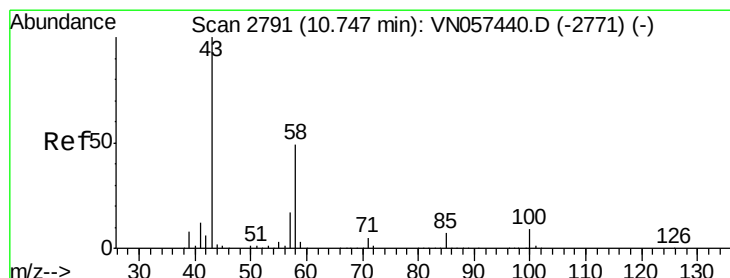
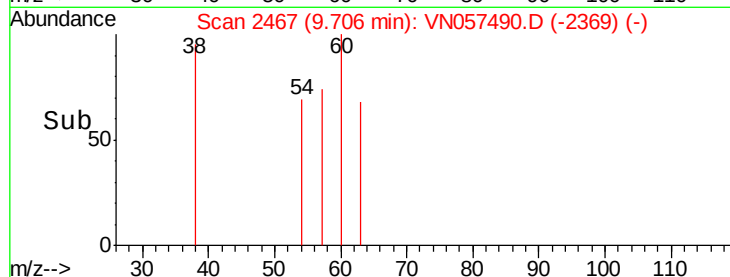
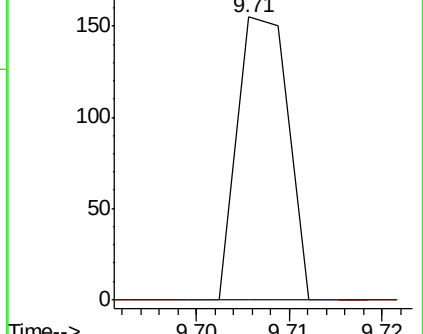
63 100

106 0.0 18.6 27.8#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): VN0



#59

2-Hexanone

Concen: 13.693 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.01 min

Lab File: VN057490.D

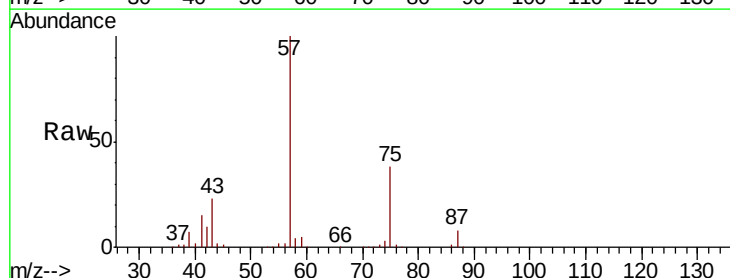
Acq: 23 Aug 2019 23:01

Tgt Ion: 43 Resp: 67585

Ion Ratio Lower Upper

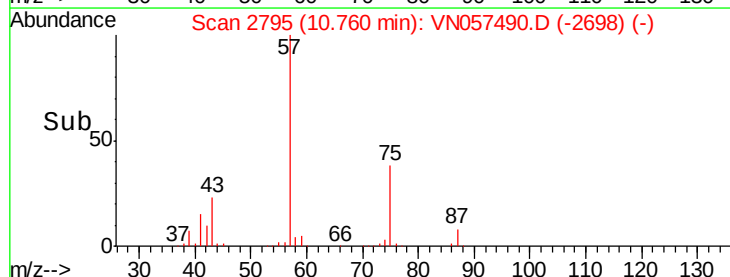
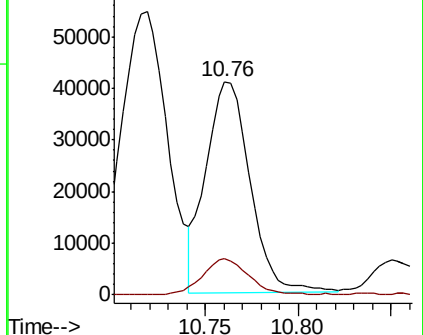
43 100

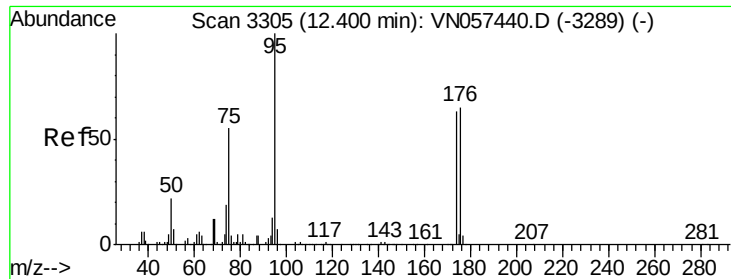
58 18.0 24.6 73.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 37.740 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057490.D

Acq: 23 Aug 2019 23:01

Instrument :

MSVOA_N

ClientSampleId :

T2-S4(2.5)

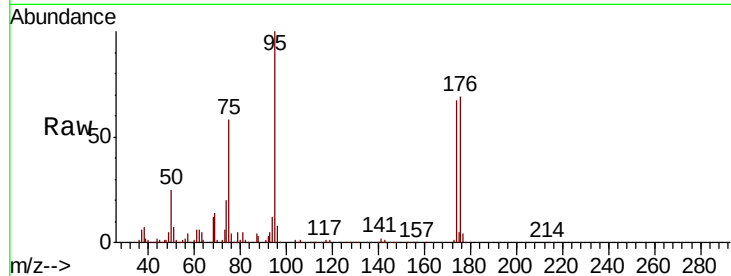
Tgt Ion: 95 Resp: 227821

Ion Ratio Lower Upper

95 100

174 67.8 0.0 133.0

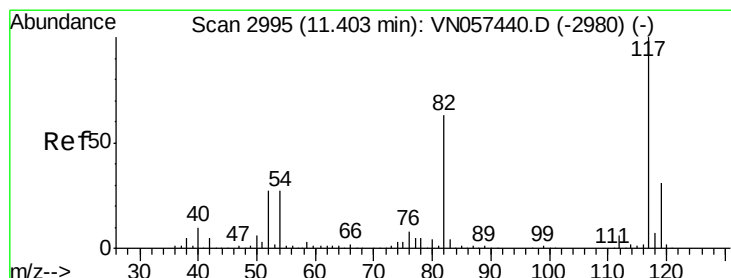
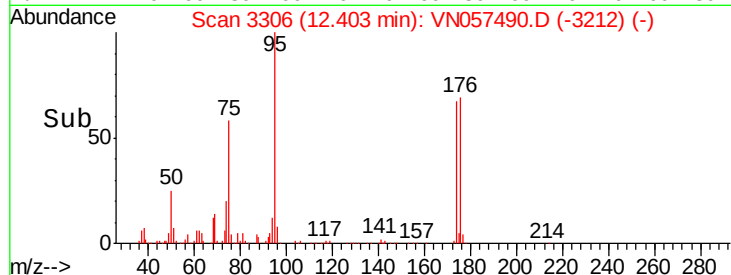
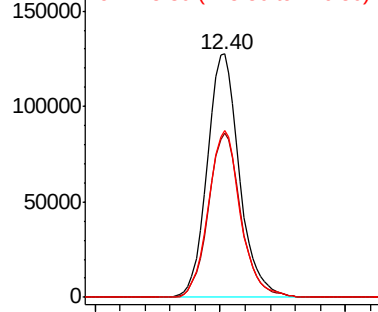
176 68.5 0.0 130.8



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

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

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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN057490.D

Acq: 23 Aug 2019 23:01

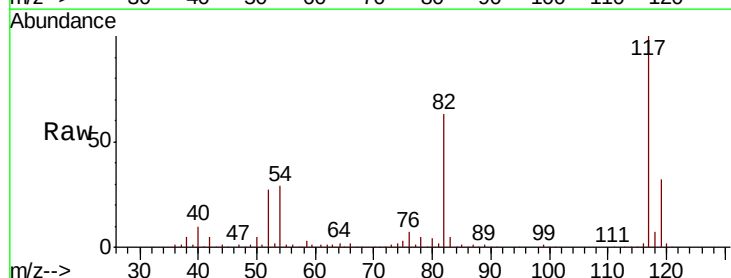
Tgt Ion: 117 Resp: 562303

Ion Ratio Lower Upper

117 100

82 63.4 50.6 75.8

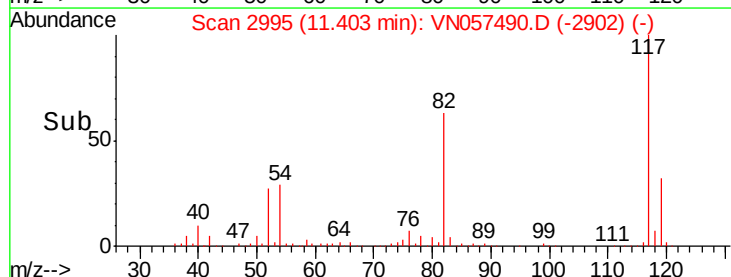
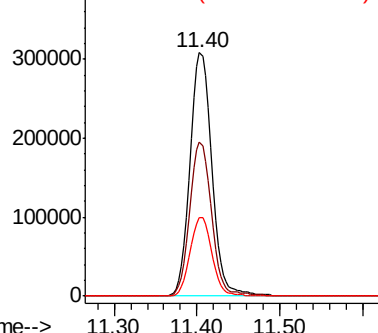
119 32.1 24.6 36.8

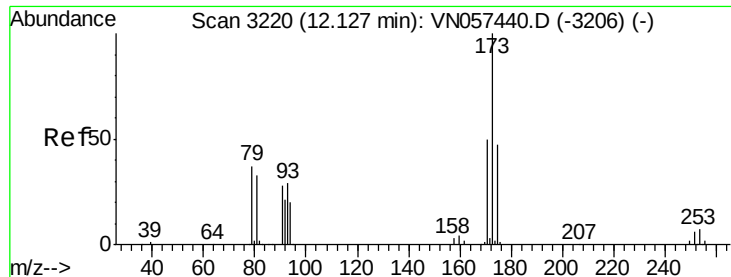


Abundance Ion 116.90 (116.60 to 117.60): VN057440.D (-2980) (-)

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

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





#71

Bromoform

Concen: 0.344 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.27 min

Lab File: VN057490.D

Acq: 23 Aug 2019 23:01

Instrument :

MSVOA_N

ClientSampleId :

T2-S4(2.5)

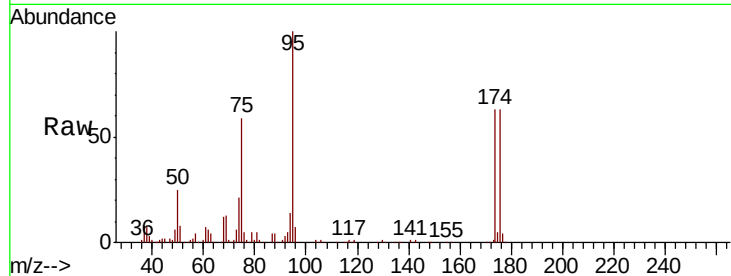
Tgt Ion:173 Resp: 1013

Ion Ratio Lower Upper

173 100

175 1010.0 23.9 71.8#

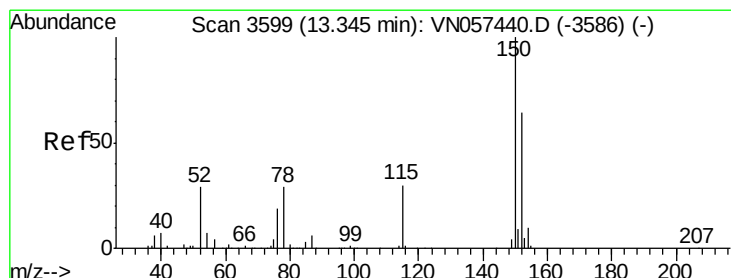
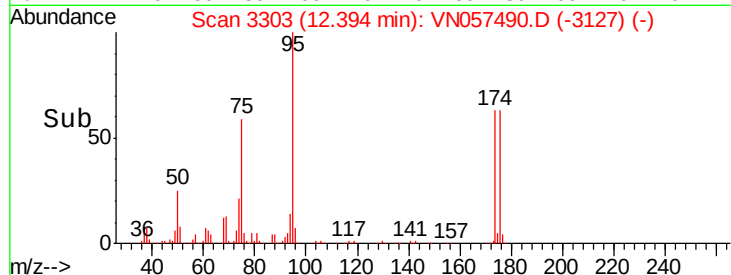
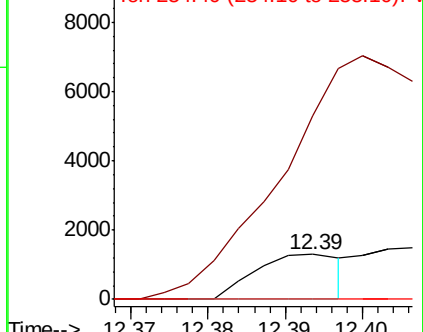
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN057490.D

Acq: 23 Aug 2019 23:01

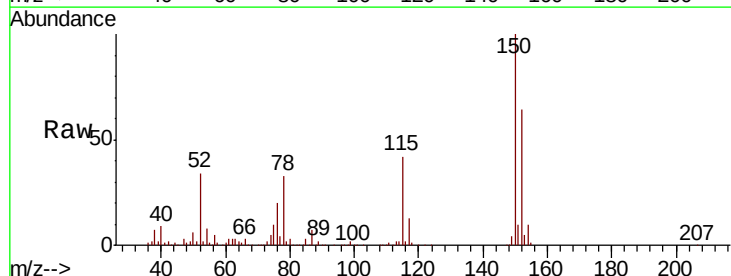
Tgt Ion:152 Resp: 132663

Ion Ratio Lower Upper

152 100

115 65.8 32.0 96.0

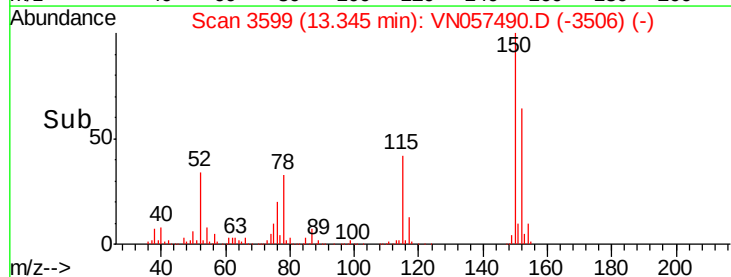
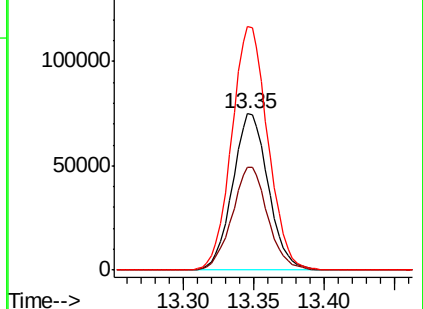
150 158.0 0.0 346.6

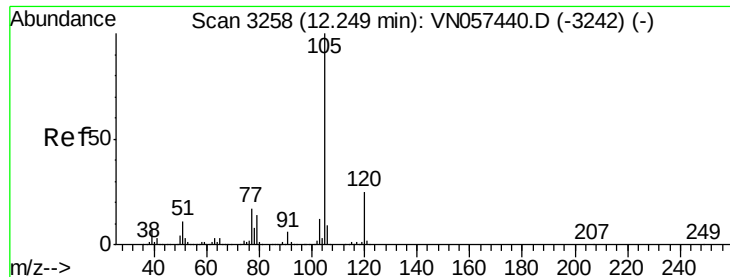


Abundance Ion 151.90 (151.60 to 152.60): V

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# 3262

Delta R.T. 0.01 min

Lab File: VN057490.D

Acq: 23 Aug 2019 23:01

Instrument :

MSVOA_N

ClientSampleId :

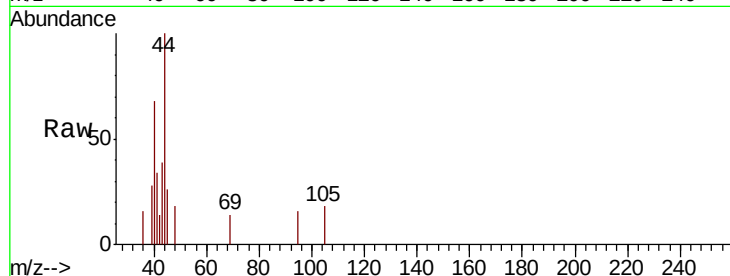
T2-S4(2.5)

Tgt Ion: 105 Resp: 153

Ion Ratio Lower Upper

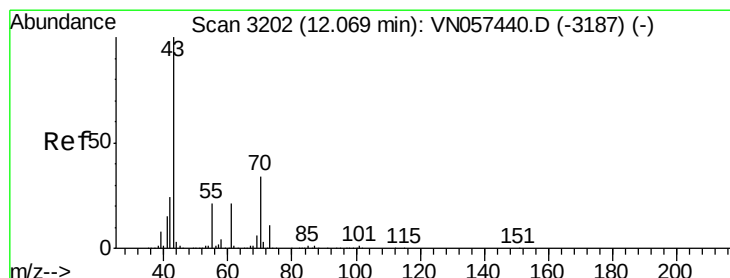
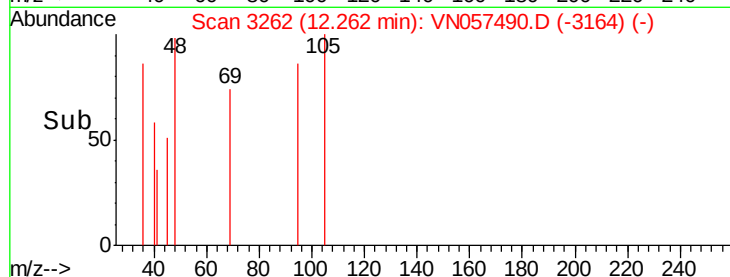
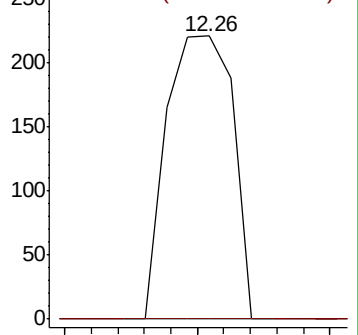
105 100

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-ethyl acetate

Concen: Below Cal

RT: 12.03 min Scan# 3189

Delta R.T. -0.04 min

Lab File: VN057490.D

Acq: 23 Aug 2019 23:01

Tgt Ion: 43 Resp: 1329

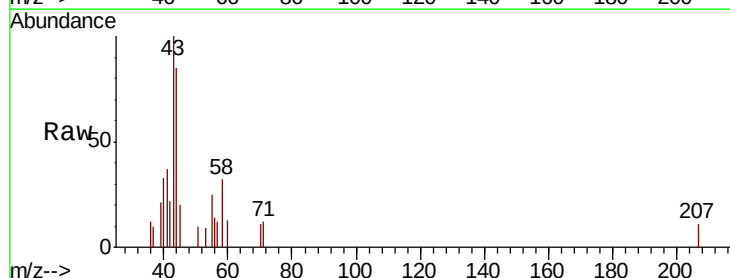
Ion Ratio Lower Upper

43 100

70 10.3 27.8 41.6#

55 37.5 17.0 25.4#

61 0.0 17.0 25.6#

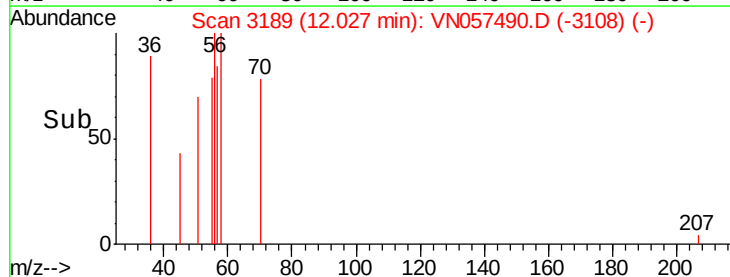
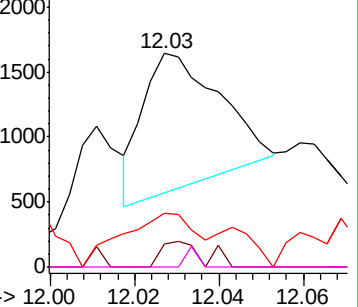


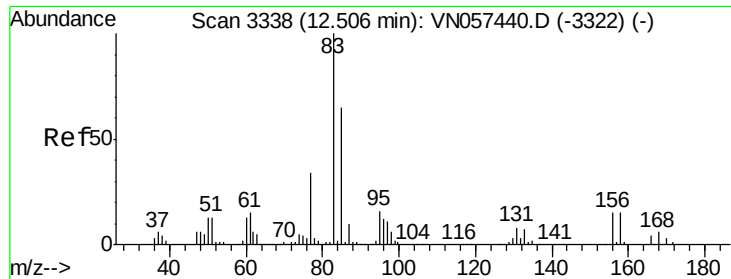
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

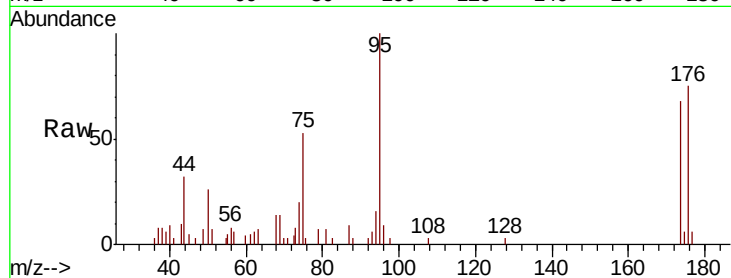




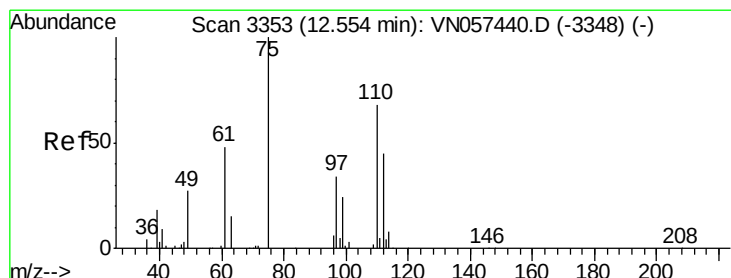
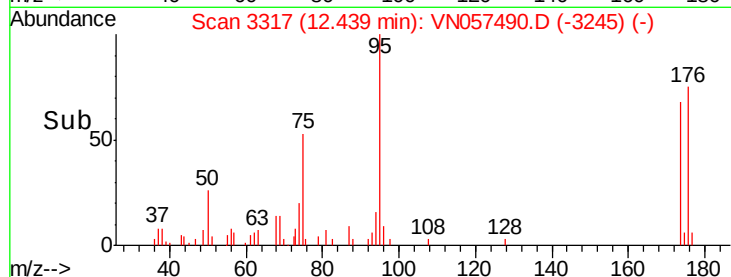
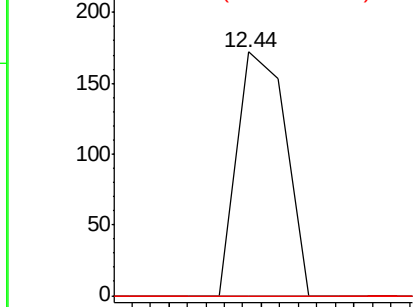
#75
 1,1,2,2-Tetrachloroethane
 Concen: Below Cal
 RT: 12.44 min Scan# 3317
 Delta R.T. -0.07 min
 Lab File: VN057490.D
 Acq: 23 Aug 2019 23:01

Instrument :
 MSVOA_N
 ClientSampleId :
 T2-S4(2.5)

Tgt Ion: 83 Resp: 63
 Ion Ratio Lower Upper
 83 100
 131 0.0 4.3 13.1#
 85 0.0 32.3 96.8#

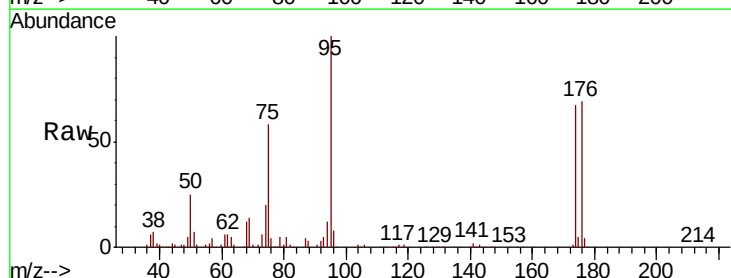


Abundance Ion 82.90 (82.60 to 83.60): VNO
 Ion 130.80 (130.50 to 131.50): VNO
 Ion 84.90 (84.60 to 85.60): VNO

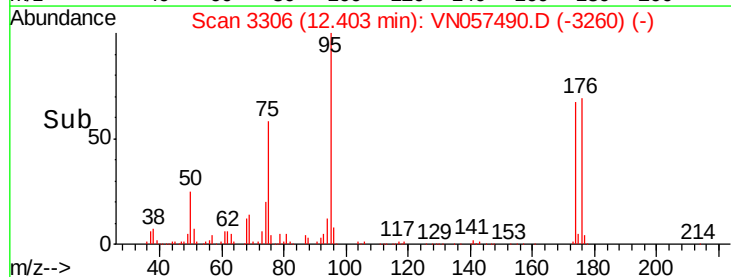
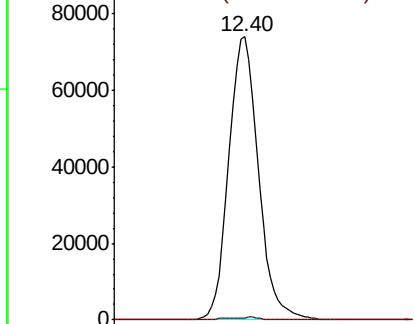


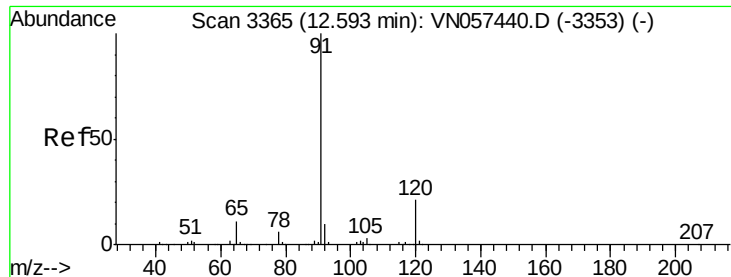
#76
 1,2,3-Trichloropropane
 Concen: 44.120 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. -0.15 min
 Lab File: VN057490.D
 Acq: 23 Aug 2019 23:01

Tgt Ion: 75 Resp: 130844
 Ion Ratio Lower Upper
 75 100
 77 0.6 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO
 Ion 77.00 (76.70 to 77.70): VNO





#78

n-propylbenzene

Concen: Below Cal

RT: 12.59 min Scan# 3365

Delta R.T. -0.00 min

Lab File: VN057490.D

Acq: 23 Aug 2019 23:01

Instrument :

MSVOA_N

ClientSampleId :

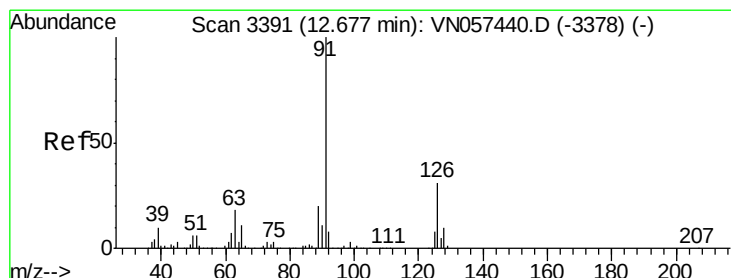
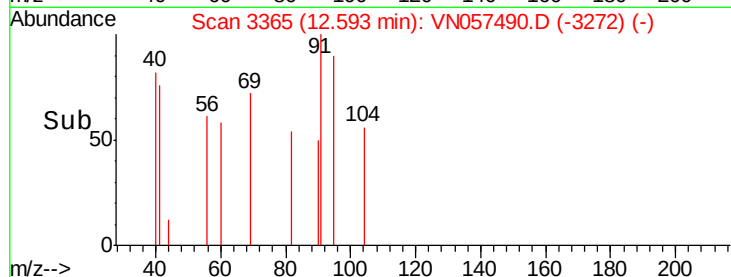
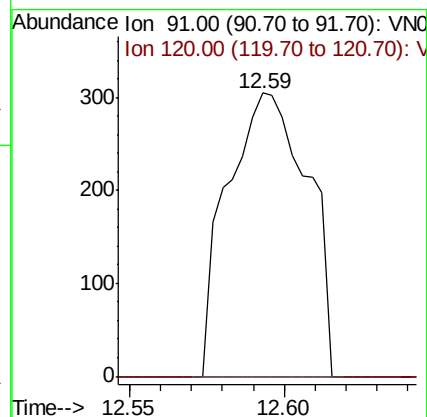
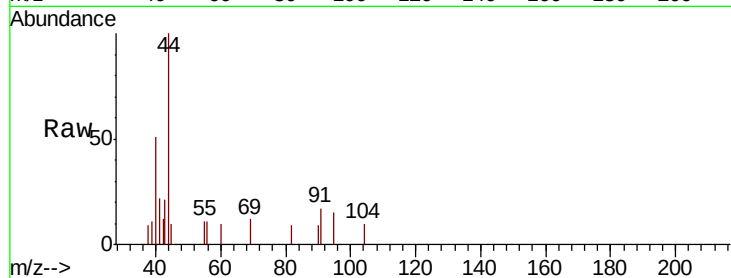
T2-S4(2.5)

Tgt Ion: 91 Resp: 550

Ion Ratio Lower Upper

91 100

120 0.0 10.7 32.1#



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.59 min Scan# 3365

Delta R.T. -0.08 min

Lab File: VN057490.D

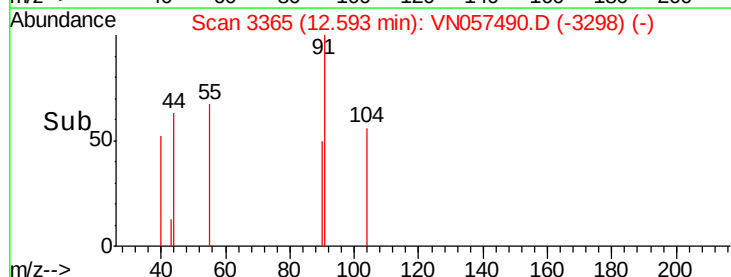
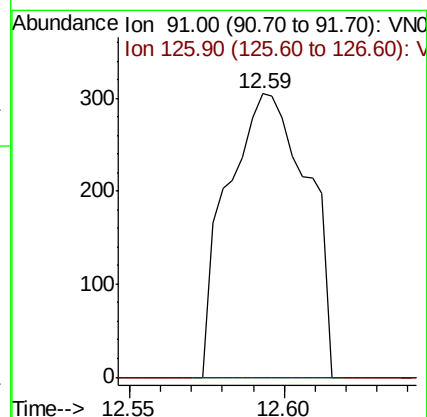
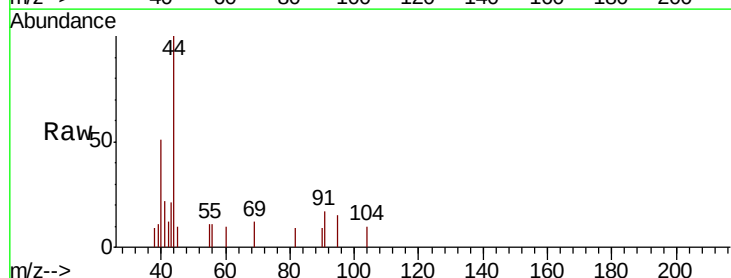
Acq: 23 Aug 2019 23:01

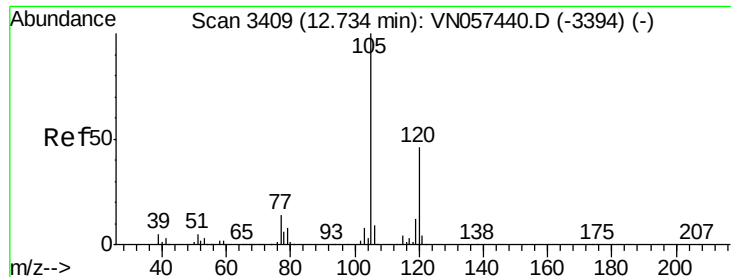
Tgt Ion: 91 Resp: 550

Ion Ratio Lower Upper

91 100

126 0.0 15.3 45.8#

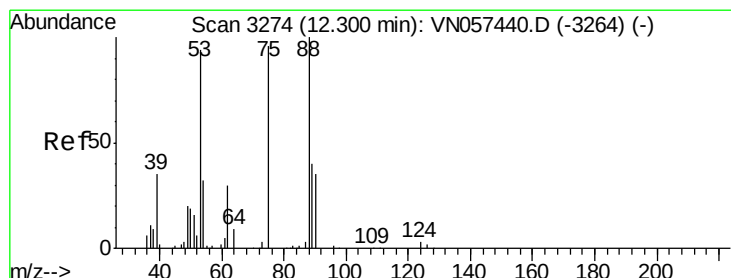
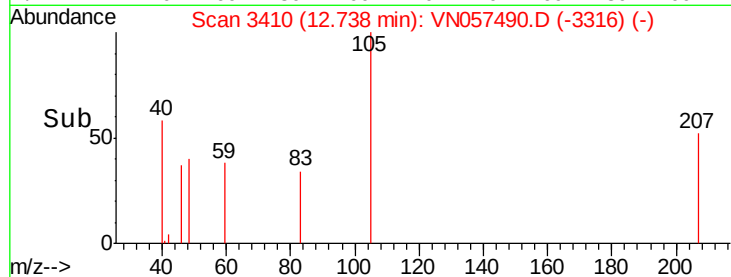
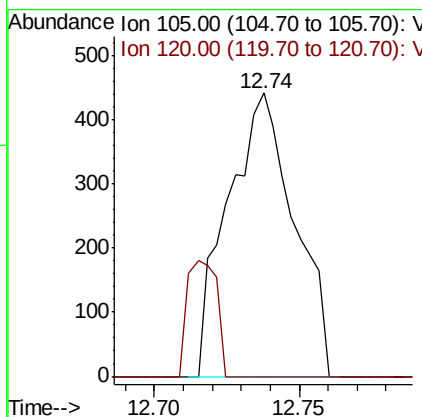
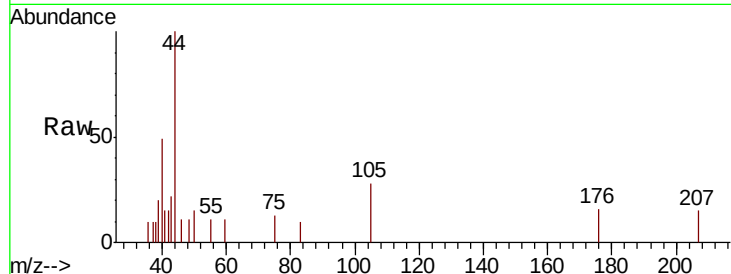




#80
 1,3,5-Trimethylbenzene
 Concen: Below Cal
 RT: 12.74 min Scan# 3410
 Delta R.T. 0.00 min
 Lab File: VN057490.D
 Acq: 23 Aug 2019 23:01

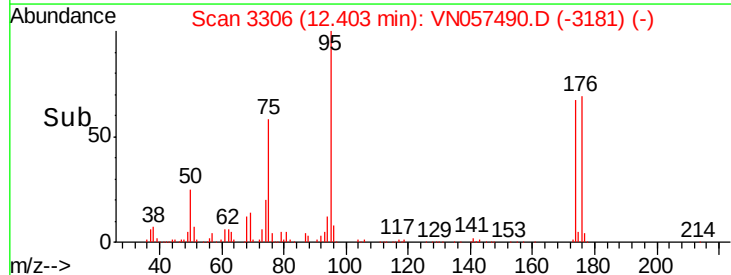
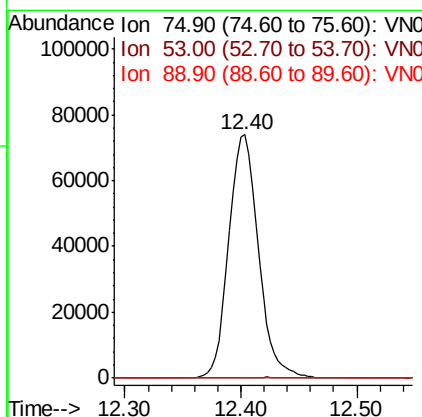
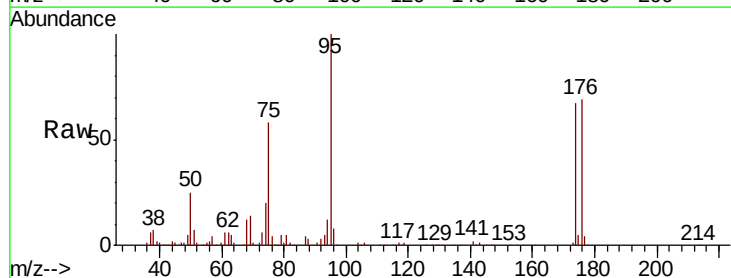
Instrument :
 MSVOA_N
 ClientSampleId :
 T2-S4(2.5)

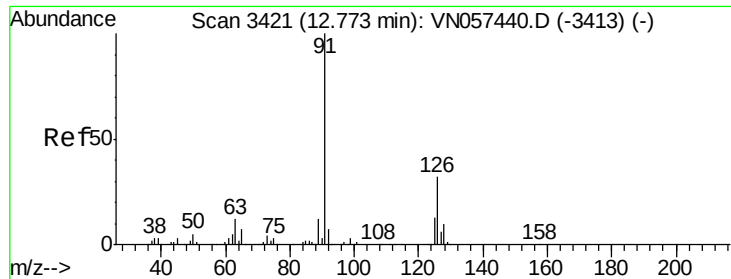
Tgt Ion: 105 Resp: 704
 Ion Ratio Lower Upper
 105 100
 120 0.0 23.3 69.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 113.222 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN057490.D
 Acq: 23 Aug 2019 23:01

Tgt Ion: 75 Resp: 130844
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.7 124.1#
 89 0.1 35.8 53.8#





#82

4-Chlorotoluene

Concen: Below Cal

RT: 12.79 min Scan# 3425

Delta R.T. 0.01 min

Lab File: VN057490.D

Acq: 23 Aug 2019 23:01

Instrument :

MSVOA_N

ClientSampleId :

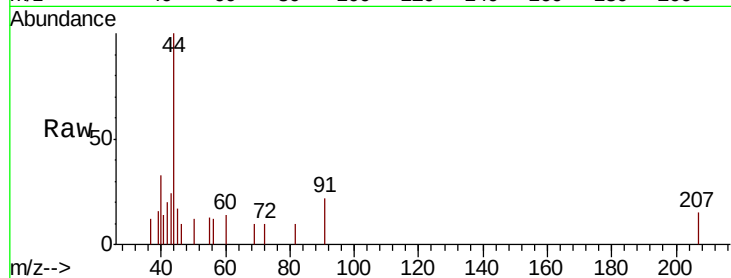
T2-S4(2.5)

Tgt Ion: 91 Resp: 204

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

12.79

400

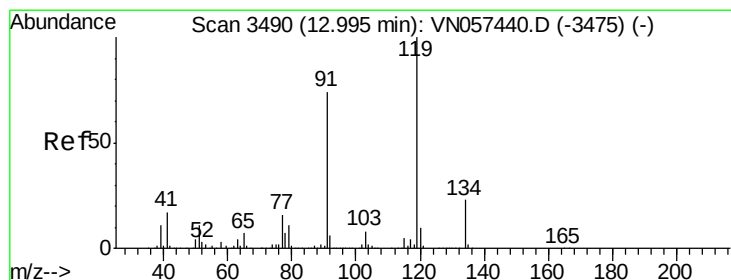
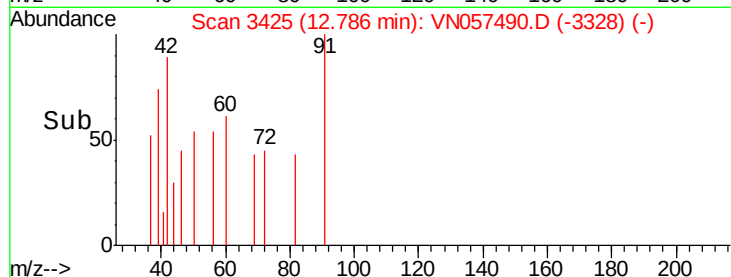
300

200

100

0

Time-->



#83

tert-Butylbenzene

Concen: Below Cal

RT: 13.03 min Scan# 3501

Delta R.T. 0.04 min

Lab File: VN057490.D

Acq: 23 Aug 2019 23:01

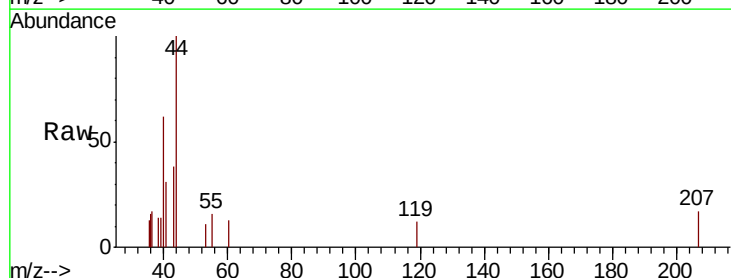
Tgt Ion: 119 Resp: 61

Ion Ratio Lower Upper

119 100

91 0.0 37.0 111.0#

134 0.0 12.2 36.6#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN0

Ion 134.00 (133.70 to 134.70): V

200

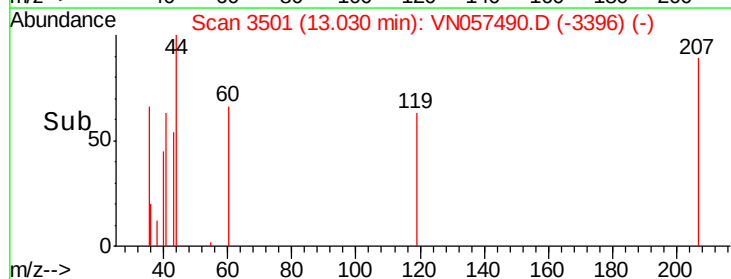
150

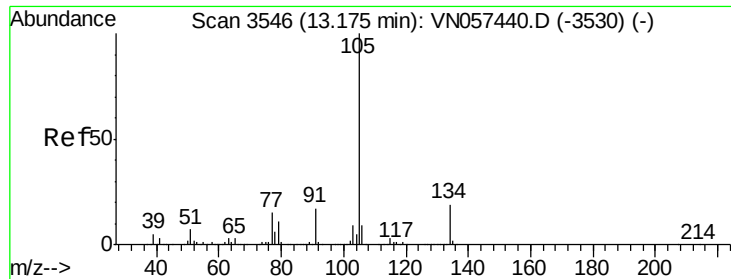
100

50

0

Time-->





#85

sec-Butylbenzene

Concen: Below Cal

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN057490.D

Acq: 23 Aug 2019 23:01

Instrument :

MSVOA_N

ClientSampleId :

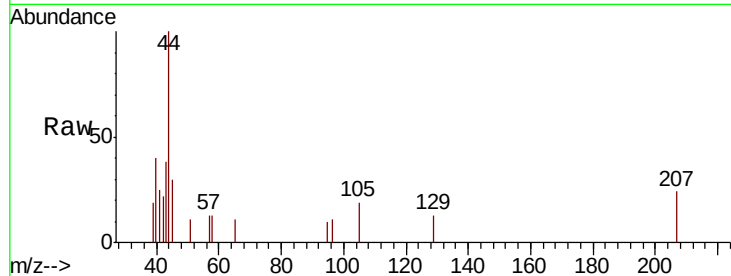
T2-S4(2.5)

Tgt Ion:105 Resp: 184

Ion Ratio Lower Upper

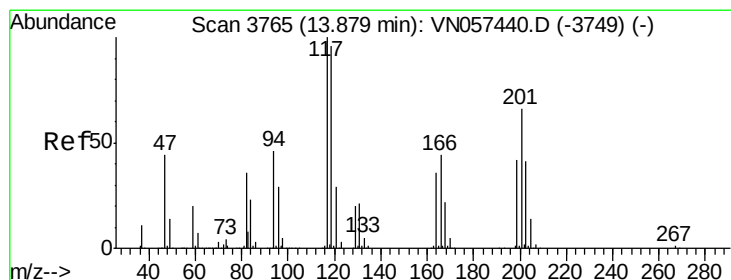
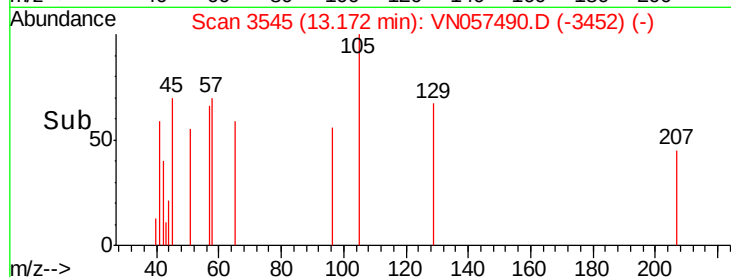
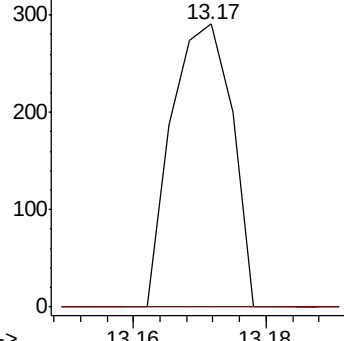
105 100

134 0.0 9.3 27.9#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: Below Cal

RT: 13.68 min Scan# 3704

Delta R.T. -0.20 min

Lab File: VN057490.D

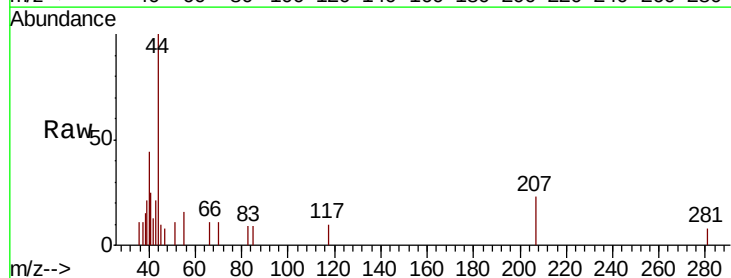
Acq: 23 Aug 2019 23:01

Tgt Ion:117 Resp: 33

Ion Ratio Lower Upper

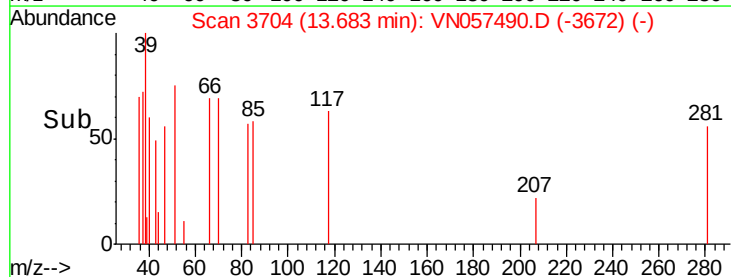
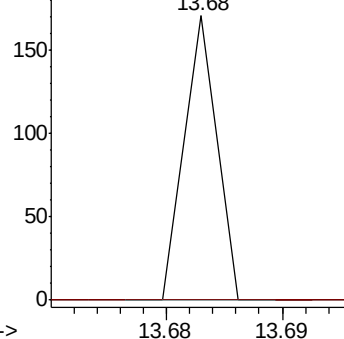
117 100

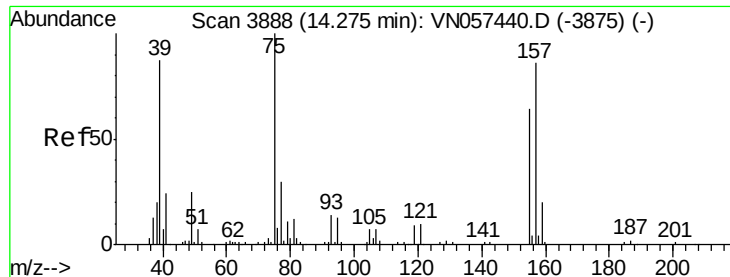
201 0.0 33.1 99.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.37 min Scan# 3917

Delta R.T. 0.09 min

Lab File: VN057490.D

Acq: 23 Aug 2019 23:01

Instrument :

MSVOA_N

ClientSampleId :

T2-S4(2.5)

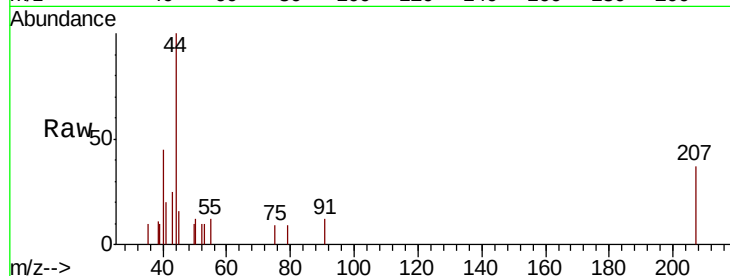
Tgt Ion: 75 Resp: 59

Ion Ratio Lower Upper

75 100

155 0.0 31.6 94.7#

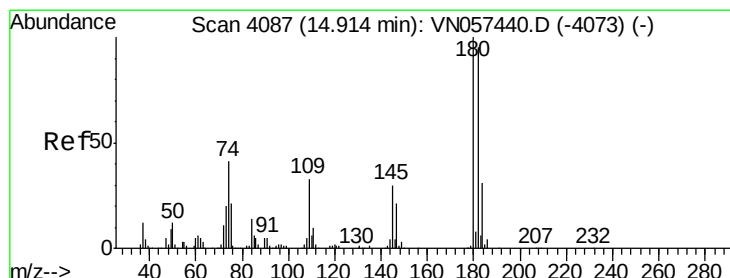
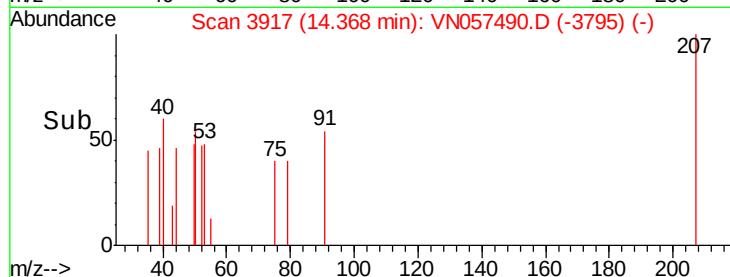
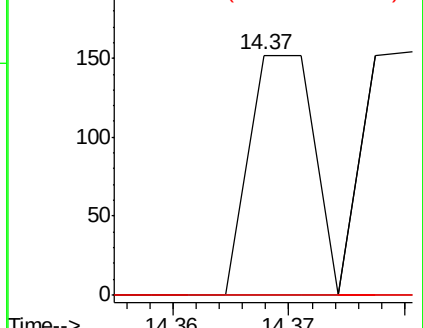
157 0.0 43.3 129.8#



Abundance Ion 74.90 (74.60 to 75.60): VN057440.D (-3875) (-)

Ion 154.80 (154.50 to 155.50): VN057440.D (-3875) (-)

Ion 156.80 (156.50 to 157.50): VN057440.D (-3875) (-)



#93

1,2,4-Trichlorobenzene

Concen: 5.452 ug/l

RT: 14.92 min Scan# 4089

Delta R.T. 0.01 min

Lab File: VN057490.D

Acq: 23 Aug 2019 23:01

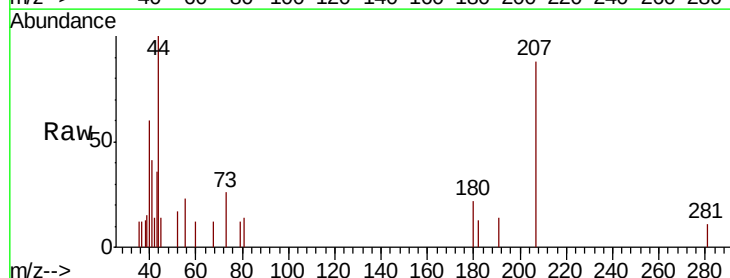
Tgt Ion: 180 Resp: 148

Ion Ratio Lower Upper

180 100

182 73.6 46.7 140.1

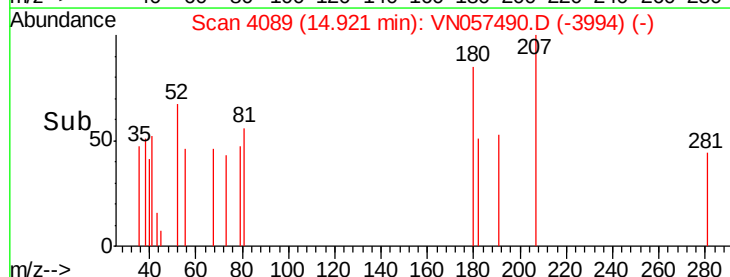
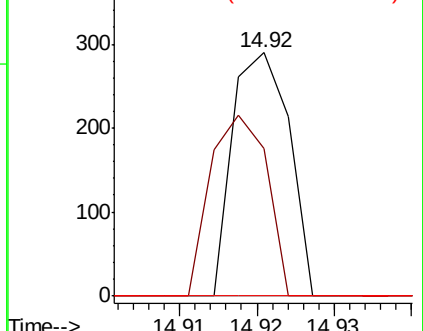
145 0.0 15.6 46.8#

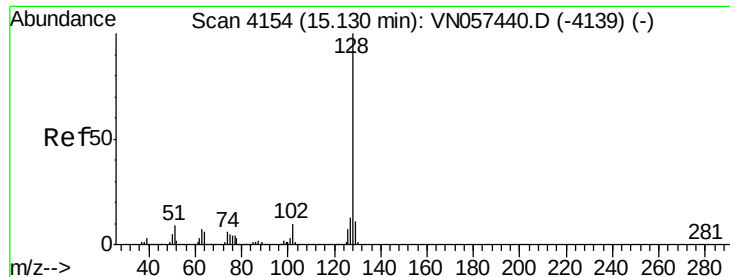


Abundance Ion 179.80 (179.50 to 180.50): VN057440.D (-4073) (-)

Ion 181.80 (181.50 to 182.50): VN057440.D (-4073) (-)

Ion 144.80 (144.50 to 145.50): VN057440.D (-4073) (-)





#95

Naphthalene

Concen: 4.363 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN057490.D

Acq: 23 Aug 2019 23:01

Instrument :

MSVOA_N

ClientSampleId :

T2-S4(2.5)

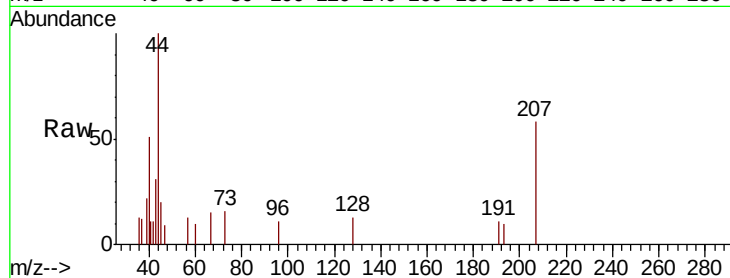
Tgt Ion:128 Resp: 139

Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

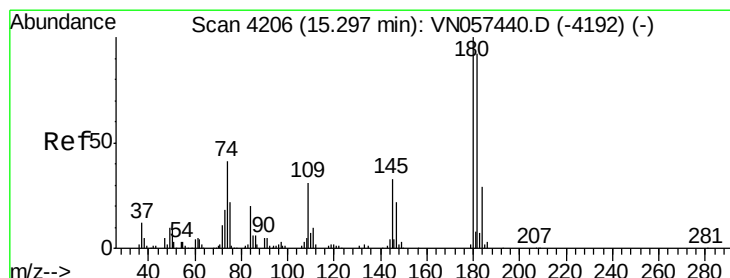
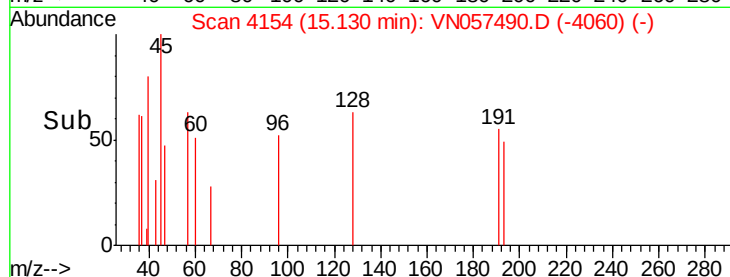
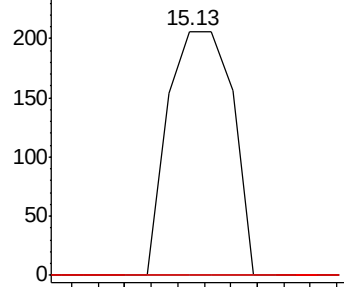
129 0.0 8.6 13.0#



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: 5.205 ug/l

RT: 15.30 min Scan# 4208

Delta R.T. 0.01 min

Lab File: VN057490.D

Acq: 23 Aug 2019 23:01

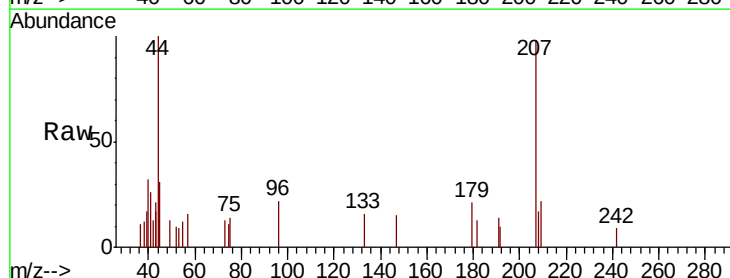
Tgt Ion:180 Resp: 165

Ion Ratio Lower Upper

180 100

182 49.7 46.7 140.1

145 18.2 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

