

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082419\
 Data File : VN057482.D
 Acq On : 23 Aug 2019 19:36
 Operator : JC/SP
 Sample : K4472-26
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T1-S3(2.5)

Quant Time: Aug 26 05:13:08 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	394420	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	684529	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	560080	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	140342	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	323905	46.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.36%	
35) Dibromofluoromethane	7.57	113	220075	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	
50) Toluene-d8	10.08	98	868561	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	
62) 4-Bromofluorobenzene	12.40	95	238635	40.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.38	74	1322	Below Cal		60
9) 1,1,2-Trichlorotrifluoroet	3.72	101	95	Below Cal	#	1
13) Acrolein	3.57	56	730	0.963	ug/l #	13
16) Acetone	3.80	43	7500	2.354	ug/l #	83
18) Methyl Acetate	4.31	43	6498	Below Cal		98
20) Methylene Chloride	4.52	84	9291	1.895	ug/l	91
25) 2-Butanone	6.83	43	1758	0.508	ug/l	96
31) Cyclohexane	7.65	56	12828	1.316	ug/l #	35
36) 1,1-Dichloropropene	7.65	75	38034	5.438	ug/l #	50
38) Carbon Tetrachloride	7.65	117	44173	6.357	ug/l #	15
43) Isopropyl Acetate	8.15	43	101803	8.033	ug/l	99
48) Methyl methacrylate	9.17	41	5334	0.885	ug/l #	41
49) 1,4-Dioxane	9.33	88	58	0.744	ug/l #	18
51) 4-Methyl-2-Pentanone	9.99	43	6213	0.880	ug/l #	86
54) cis-1,3-Dichloropropene	9.90	75	40580	4.461	ug/l #	64
57) 1,3-Dichloropropane	10.76	76	5620	0.660	ug/l #	45
58) 2-Chloroethyl Vinyl ether	9.71	63	65	17.093	ug/l #	52
59) 2-Hexanone	10.76	43	92253	19.043	ug/l #	55
71) Bromoform	12.40	173	2258	0.769	ug/l #	1
73) Isopropylbenzene	12.24	105	290	Below Cal	#	70
74) N-amyl acetate	12.03	43	2332	Below Cal	#	50
75) 1,1,2,2-Tetrachloroethane	12.48	83	120	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	137989	43.971	ug/l #	100
77) Bromobenzene	12.64	156	75	Below Cal	#	1
78) n-propylbenzene	12.60	91	482	Below Cal	#	55
79) 2-Chlorotoluene	12.69	91	432	Below Cal		93
80) 1,3,5-Trimethylbenzene	12.73	105	1286	Below Cal		83
81) trans-1,4-Dichloro-2-buten	12.40	75	137989	112.861	ug/l #	9
82) 4-Chlorotoluene	12.69	91	432	Below Cal		94
83) tert-Butylbenzene	13.00	119	158	Below Cal	#	57
85) sec-Butylbenzene	13.06	105	130	Below Cal		87
90) Hexachloroethane	13.72	117	59	Below Cal	#	17
92) 1,2-Dibromo-3-Chloropropan	14.31	75	100	Below Cal	#	11
93) 1,2,4-Trichlorobenzene	14.91	180	261	5.505	ug/l #	61

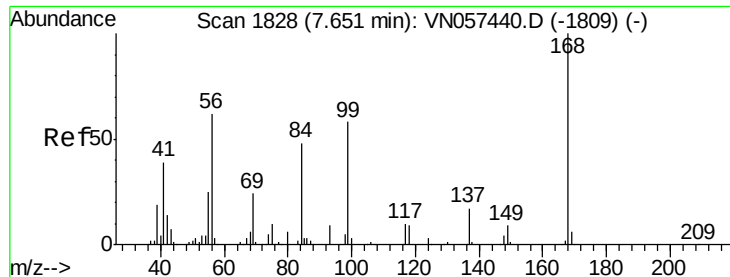
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082419\
Data File : VN057482.D
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T1-S3(2.5)

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.12	128	400	4.405	ug/l #	81
96) 1,2,3-Trichlorobenzene	15.30	180	359	5.299	ug/l #	63

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN057482.D

Acq: 23 Aug 2019 19:36

Instrument :

MSVOA_N

ClientSampleId :

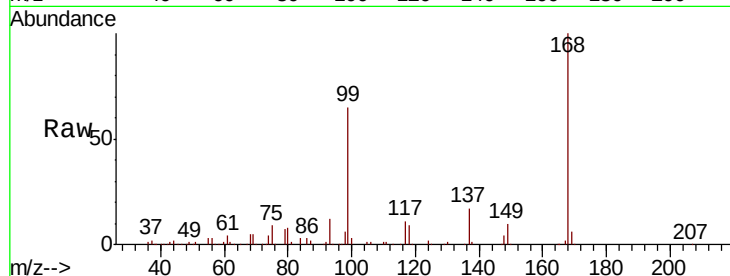
T1-S3(2.5)

Tgt Ion:168 Resp: 394420

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): VN

7.65

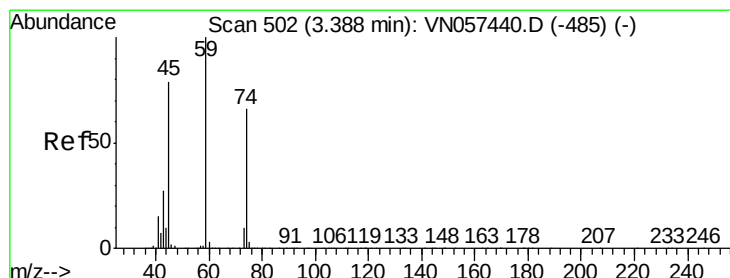
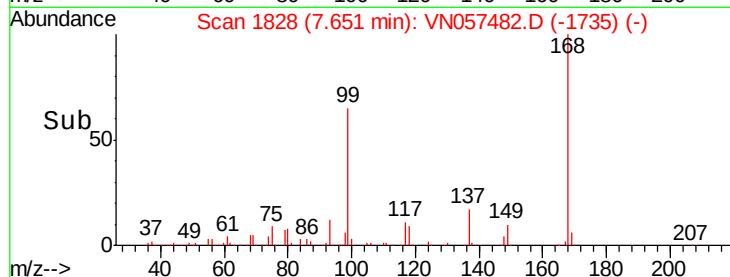
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: Below Cal

RT: 3.38 min Scan# 501

Delta R.T. -0.00 min

Lab File: VN057482.D

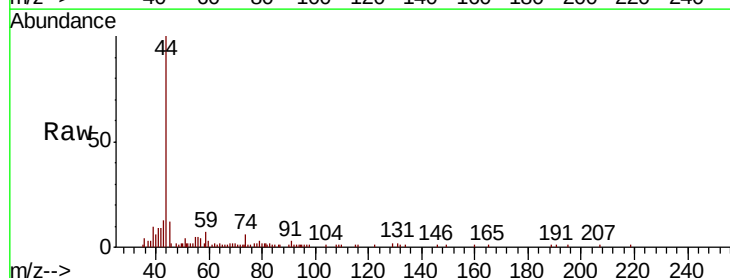
Acq: 23 Aug 2019 19:36

Tgt Ion: 74 Resp: 1322

Ion Ratio Lower Upper

74 100

45 158.9 57.9 173.6



Abundance Ion 74.00 (73.70 to 74.70): VN

Ion 45.00 (44.70 to 45.70): VN

2500

2000

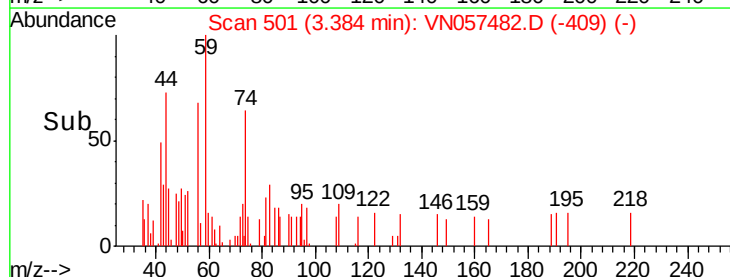
1500

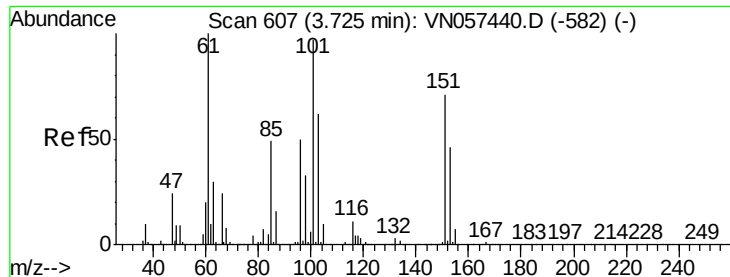
1000

500

0

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: Below Cal

RT: 3.72 min Scan# 604

Delta R.T. -0.01 min

Lab File: VN057482.D

Acq: 23 Aug 2019 19:36

Instrument :

MSVOA_N

ClientSampleId :

T1-S3(2.5)

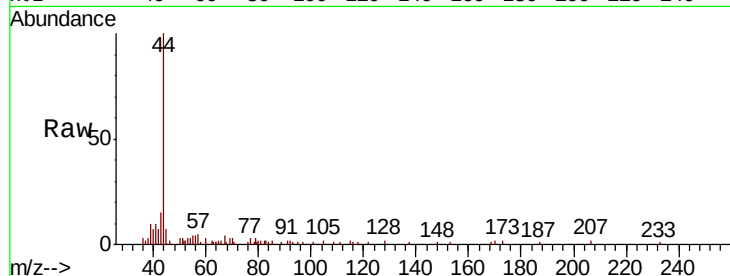
Tgt Ion:101 Resp: 95

Ion Ratio Lower Upper

101 100

85 338.9 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

400

300

200

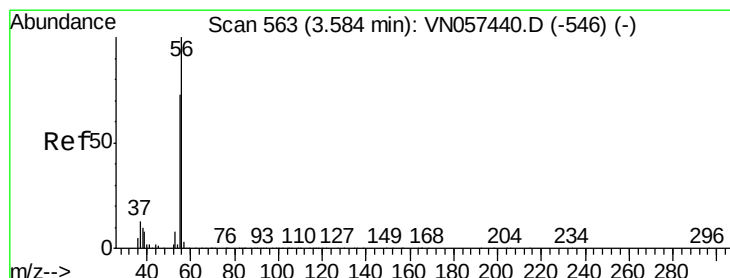
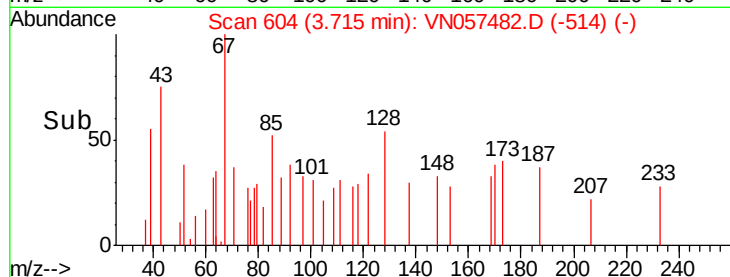
100

0

3.71 3.72 3.73

3.72

Time-->



#13

Acrolein

Concen: 0.963 ug/l

RT: 3.57 min Scan# 559

Delta R.T. -0.01 min

Lab File: VN057482.D

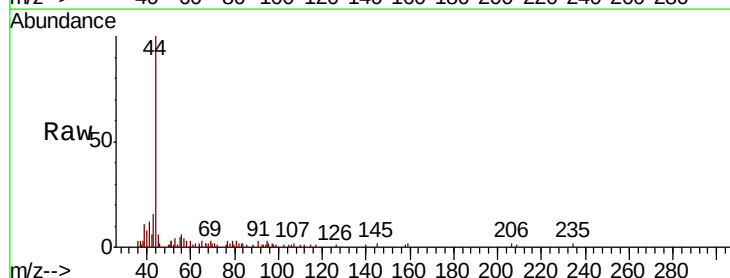
Acq: 23 Aug 2019 19:36

Tgt Ion: 56 Resp: 730

Ion Ratio Lower Upper

56 100

55 0.0 59.0 88.4#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

1000

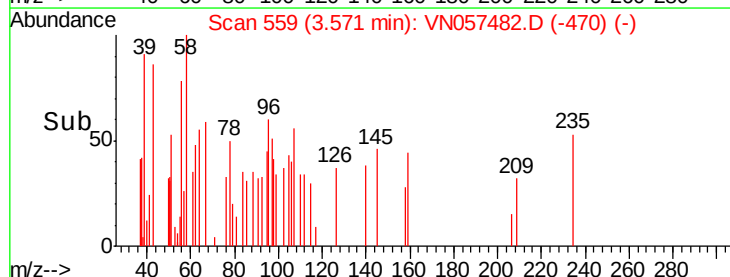
500

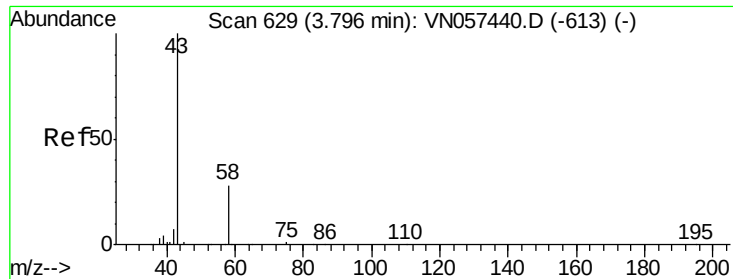
0

3.55 3.60

3.57

Time-->

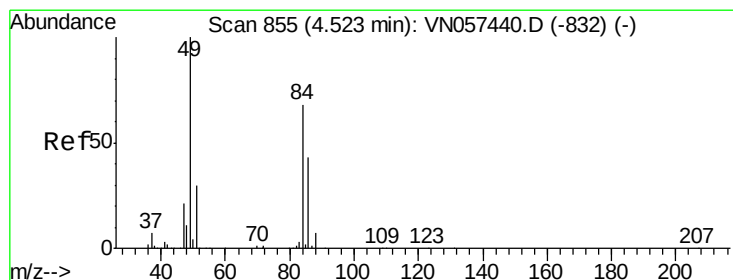
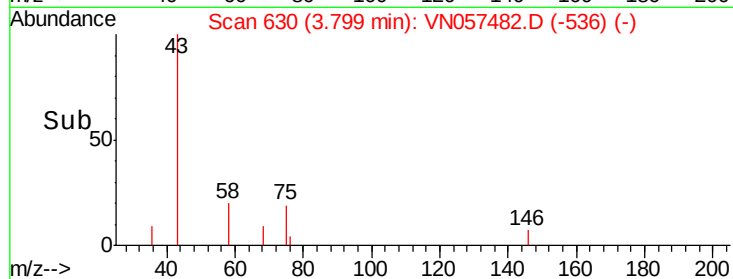
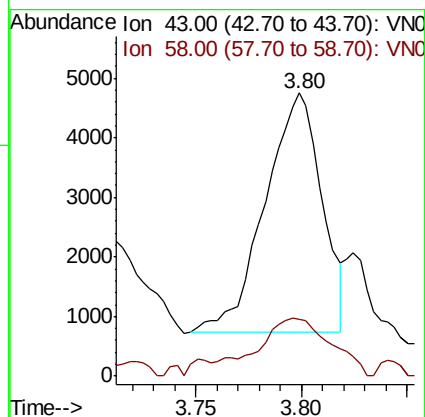
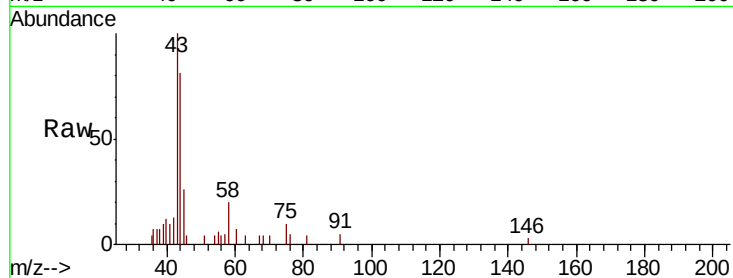




#16
Acetone
Concen: 2.354 ug/l
RT: 3.80 min Scan# 630
Delta R.T. 0.00 min
Lab File: VN057482.D
Acq: 23 Aug 2019 19:36

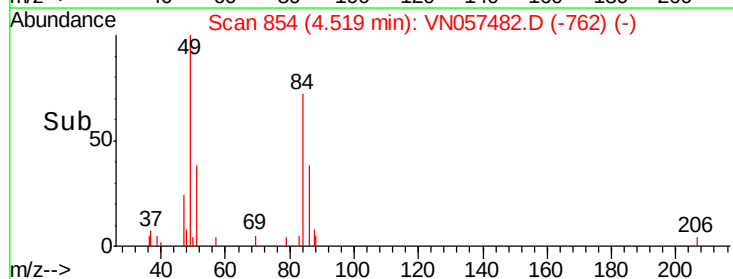
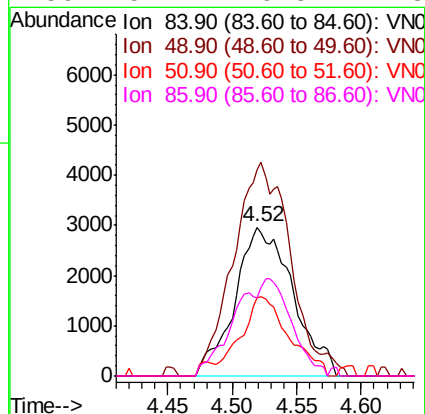
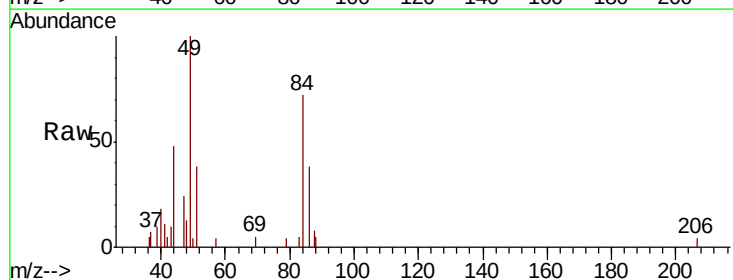
Instrument :
MSVOA_N
ClientSampled :
T1-S3(2.5)

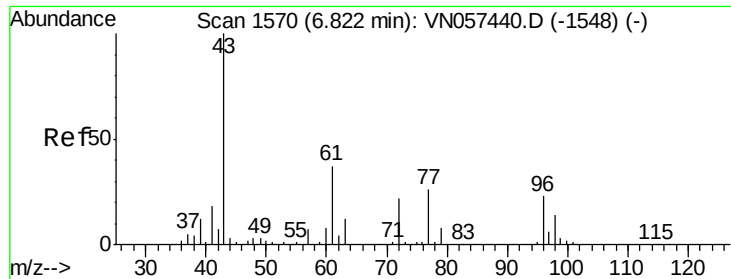
Tgt Ion: 43 Resp: 7500
Ion Ratio Lower Upper
43 100
58 18.8 22.1 33.1#



#20
Methylene Chloride
Concen: 1.895 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN057482.D
Acq: 23 Aug 2019 19:36

Tgt Ion: 84 Resp: 9291
Ion Ratio Lower Upper
84 100
49 138.2 117.0 175.4
51 52.4 35.5 53.3
86 52.2 49.8 74.8





#25

2-Butanone

Concen: 0.508 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.01 min

Lab File: VN057482.D

Acq: 23 Aug 2019 19:36

Instrument :

MSVOA_N

ClientSampleId :

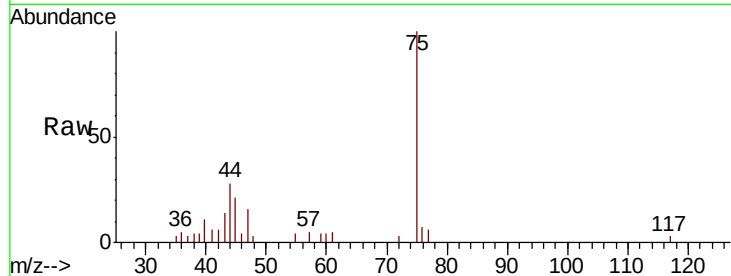
T1-S3(2.5)

Tgt Ion: 43 Resp: 1758

Ion Ratio Lower Upper

43 100

72 24.4 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VN057440.D (-1548) (-)

Ion 72.00 (71.70 to 72.70): VN057440.D (-1548) (-)

6.83

800

600

400

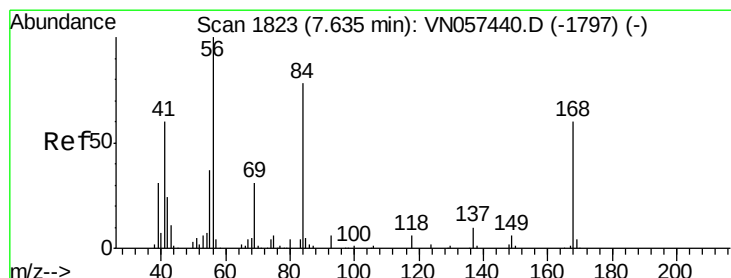
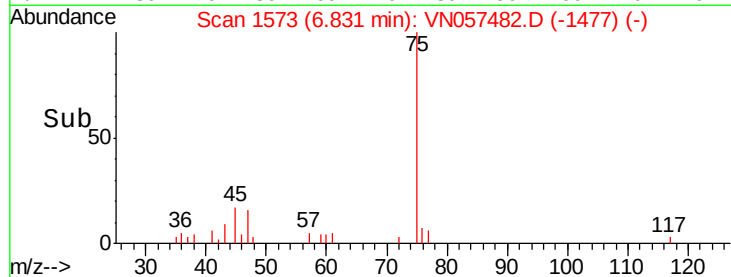
200

0

6.80

6.85

Time-->



#31

Cyclohexane

Concen: 1.316 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.02 min

Lab File: VN057482.D

Acq: 23 Aug 2019 19:36

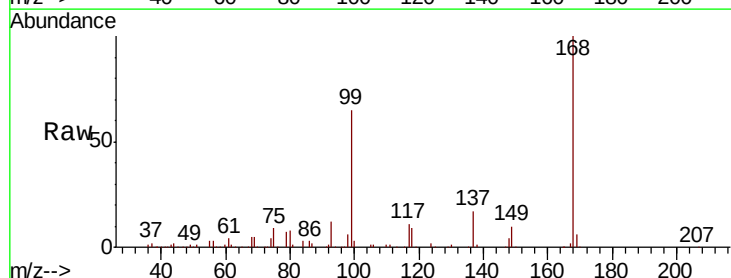
Tgt Ion: 56 Resp: 12828

Ion Ratio Lower Upper

56 100

69 143.4 25.0 37.6#

84 87.0 62.5 93.7



Abundance Ion 56.00 (55.70 to 56.70): VN057440.D (-1797) (-)

Ion 69.00 (68.70 to 69.70): VN057440.D (-1797) (-)

Ion 84.00 (83.70 to 84.70): VN057440.D (-1797) (-)

10000

8000

6000

4000

2000

0

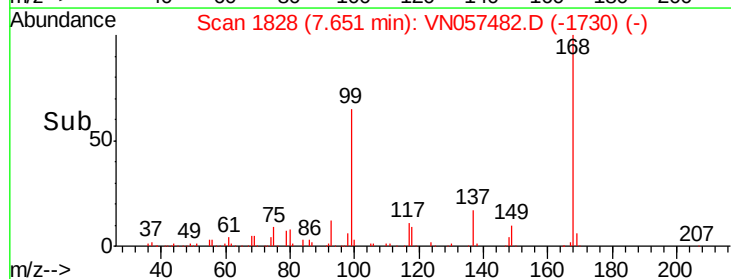
7.55

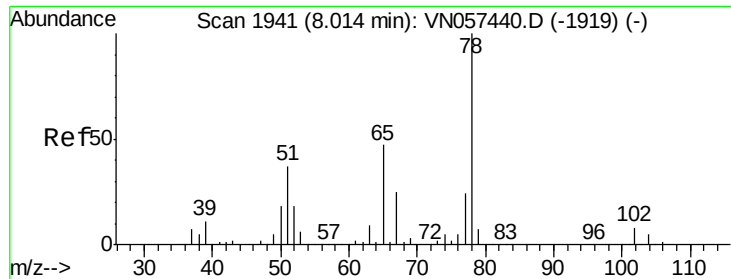
7.60

7.65

7.70

Time-->

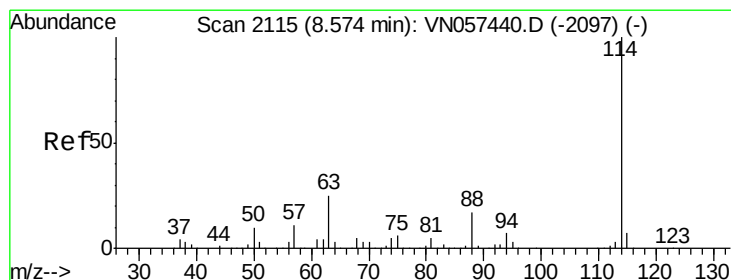
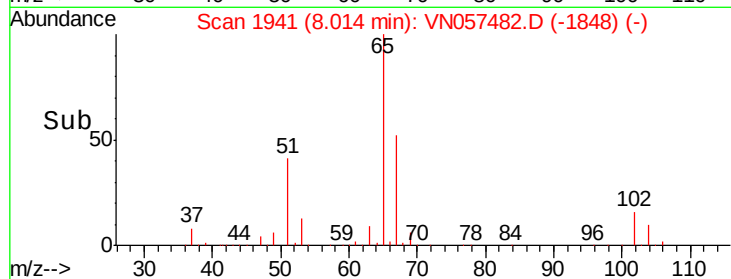
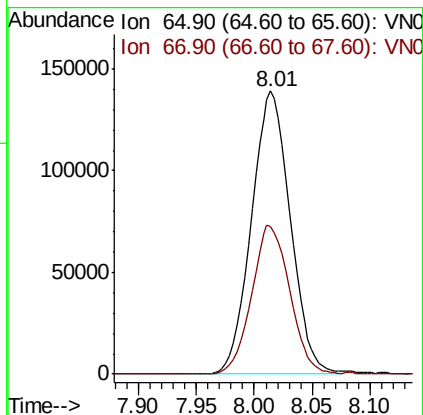
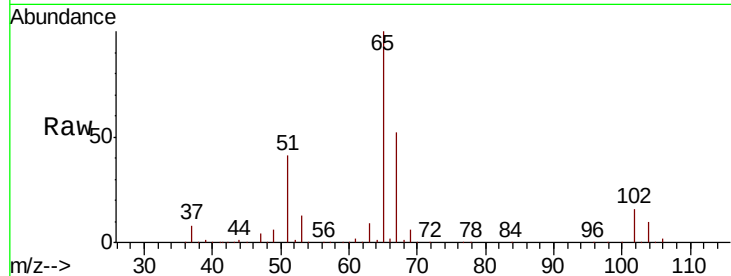




#33
 1,2-Dichloroethane-d4
 Concen: 46.683 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. -0.00 min
 Lab File: VN057482.D
 Acq: 23 Aug 2019 19:36

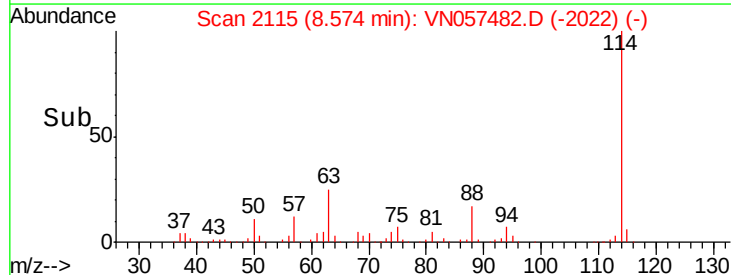
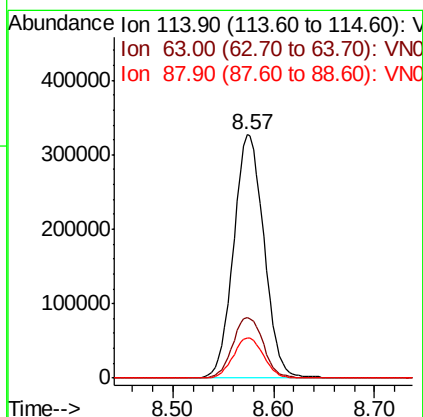
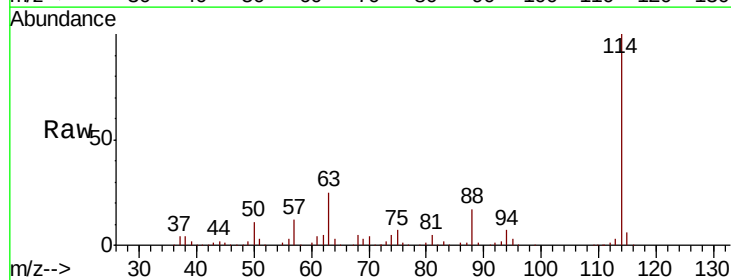
Instrument :
 MSVOA_N
 ClientSampleId :
 T1-S3(2.5)

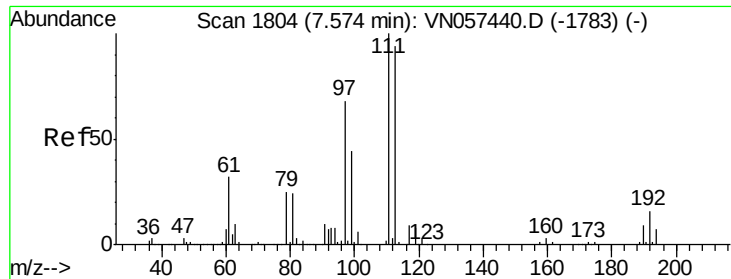
Tgt Ion: 65 Resp: 323905
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN057482.D
 Acq: 23 Aug 2019 19:36

Tgt Ion: 114 Resp: 684529
 Ion Ratio Lower Upper
 114 100
 63 25.1 0.0 50.2
 88 16.6 0.0 34.6





#35

Dibromofluoromethane

Concen: 47.597 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VN057482.D

Acq: 23 Aug 2019 19:36

Instrument :
MSVOA_N
ClientSampleId :
T1-S3(2.5)

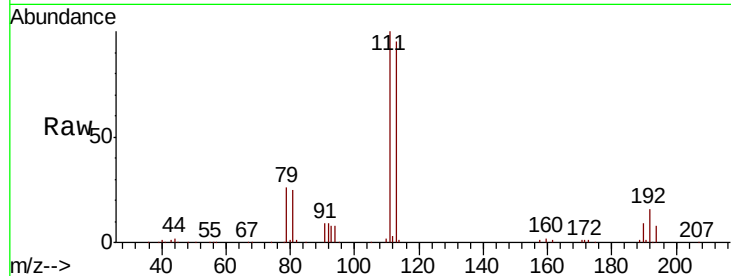
Tgt Ion:113 Resp: 220075

Ion Ratio Lower Upper

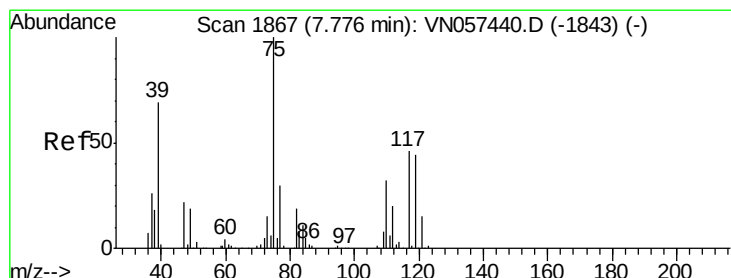
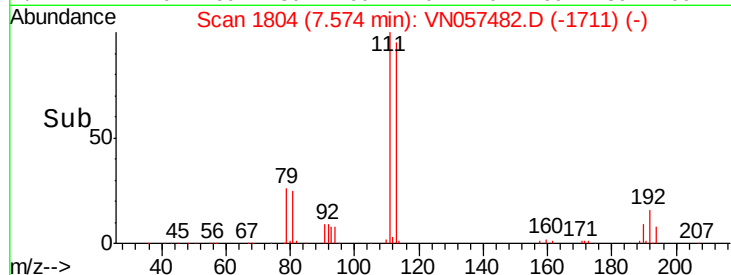
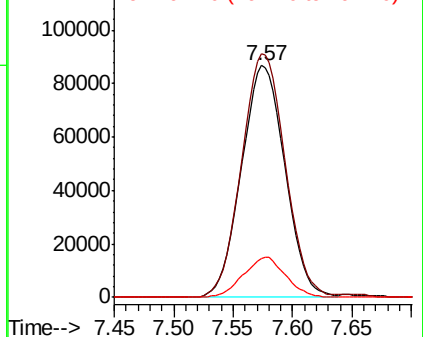
113 100

111 105.1 83.8 125.6

192 16.7 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: 5.438 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.13 min

Lab File: VN057482.D

Acq: 23 Aug 2019 19:36

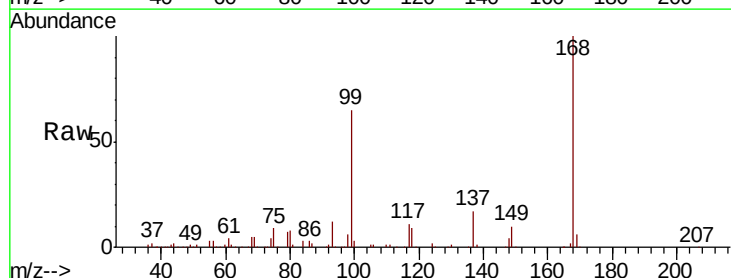
Tgt Ion: 75 Resp: 38034

Ion Ratio Lower Upper

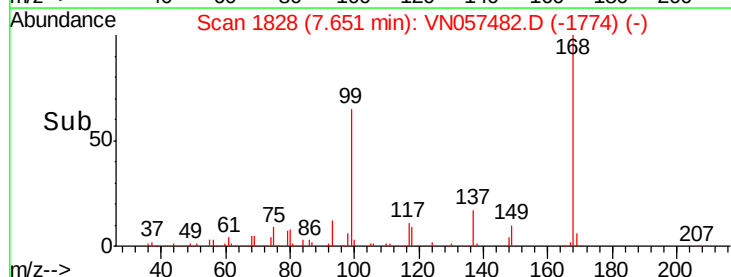
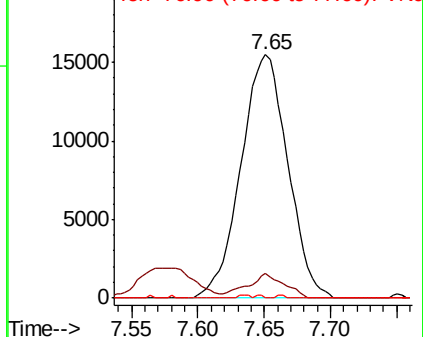
75 100

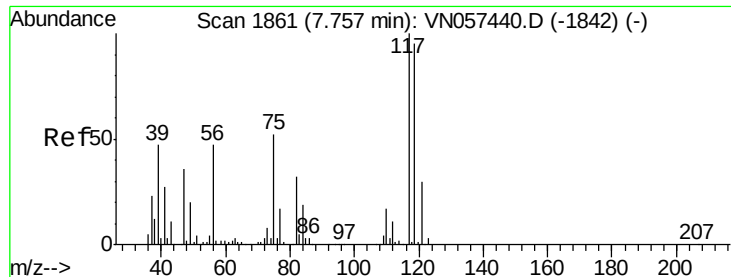
110 8.0 16.1 48.3#

77 0.2 24.8 37.2#



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

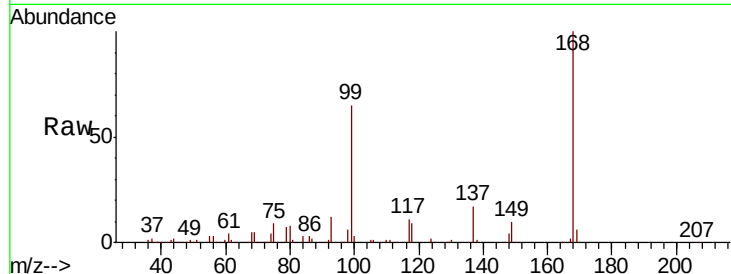




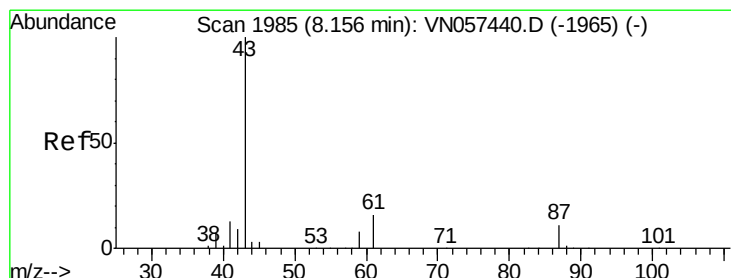
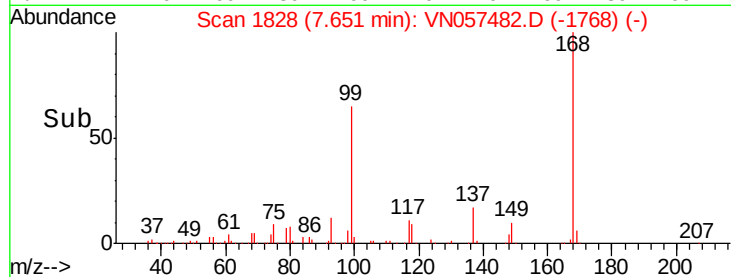
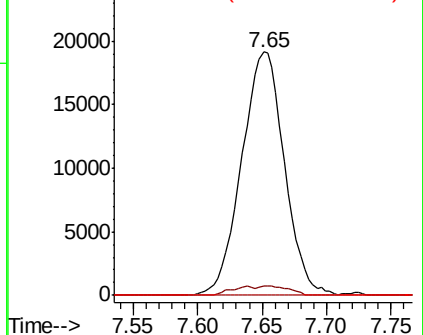
#38
Carbon Tetrachloride
Concen: 6.357 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.11 min
Lab File: VN057482.D
Acq: 23 Aug 2019 19:36

Instrument :
MSVOA_N
ClientSampled :
T1-S3(2.5)

Tgt Ion:117 Resp: 44173
Ion Ratio Lower Upper
117 100
119 3.8 76.2 114.4#
121 0.0 23.8 35.6#

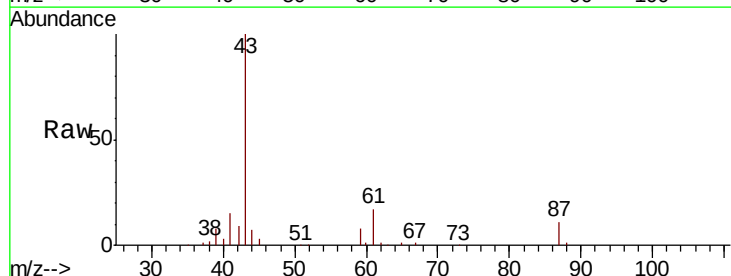


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

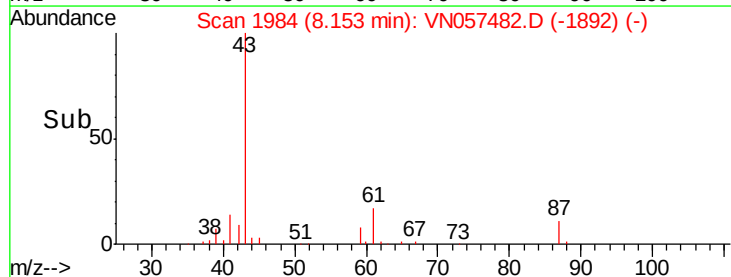
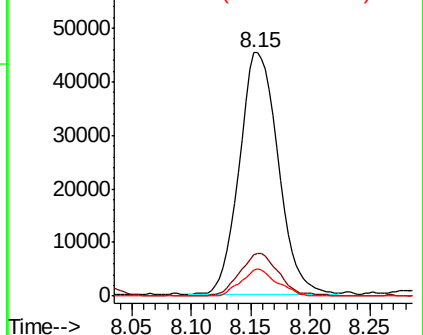


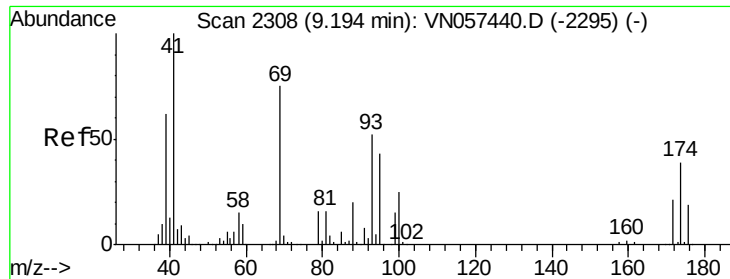
#43
Isopropyl Acetate
Concen: 8.033 ug/l
RT: 8.15 min Scan# 1984
Delta R.T. -0.00 min
Lab File: VN057482.D
Acq: 23 Aug 2019 19:36

Tgt Ion: 43 Resp: 101803
Ion Ratio Lower Upper
43 100
61 17.8 14.5 21.7
87 10.3 8.6 12.8



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

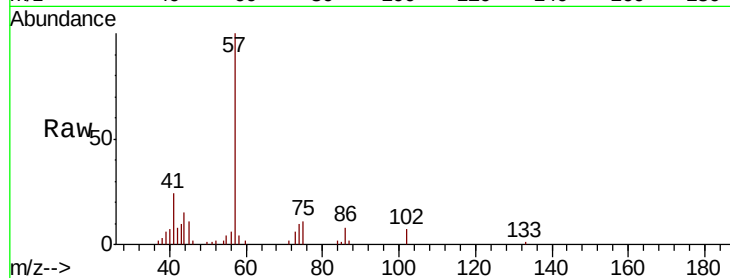




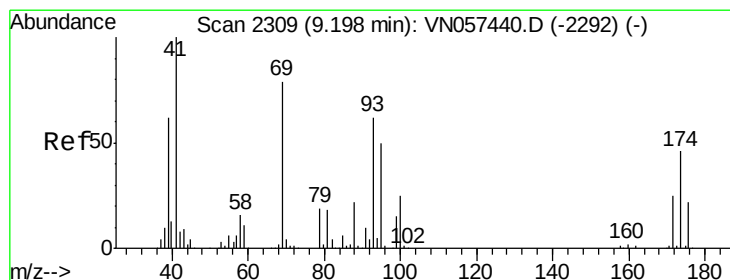
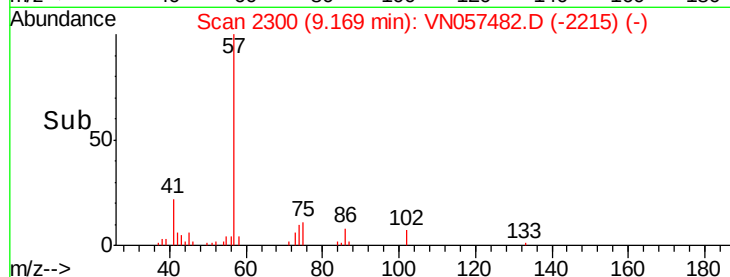
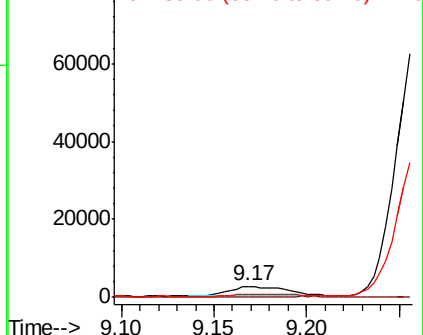
#48
Methyl methacrylate
Concen: 0.885 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. -0.03 min
Lab File: VN057482.D
Acq: 23 Aug 2019 19:36

Instrument :
MSVOA_N
ClientSampleId :
T1-S3(2.5)

Tgt Ion: 41 Resp: 5334
Ion Ratio Lower Upper
41 100
69 0.0 59.3 88.9#
39 43.7 50.6 75.8#

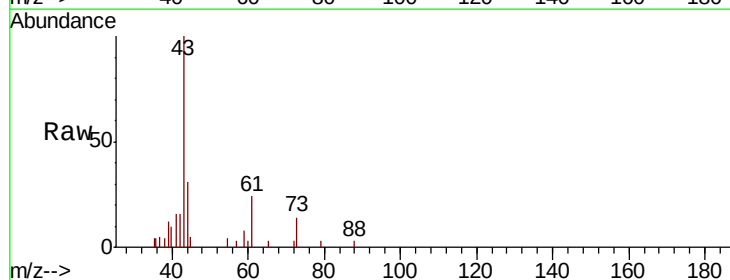


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

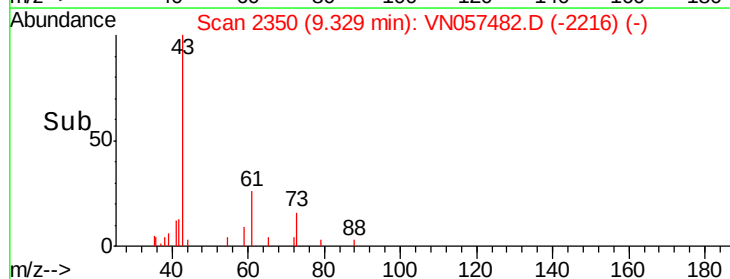
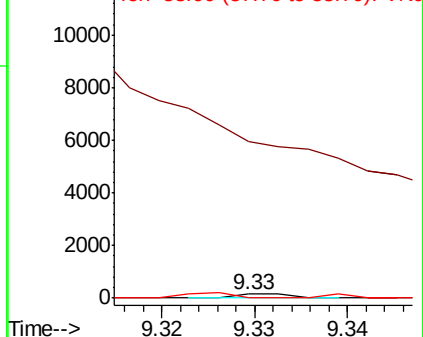


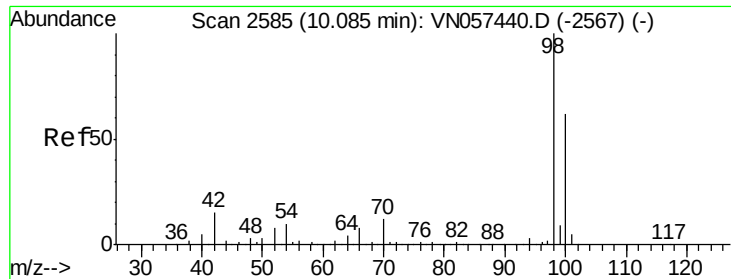
#49
1,4-Dioxane
Concen: 0.744 ug/l
RT: 9.33 min Scan# 2350
Delta R.T. 0.13 min
Lab File: VN057482.D
Acq: 23 Aug 2019 19:36

Tgt Ion: 88 Resp: 58
Ion Ratio Lower Upper
88 100
43 0.0 31.0 46.6#
58 0.0 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: 49.680 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057482.D

Acq: 23 Aug 2019 19:36

Instrument :

MSVOA_N

ClientSampled :

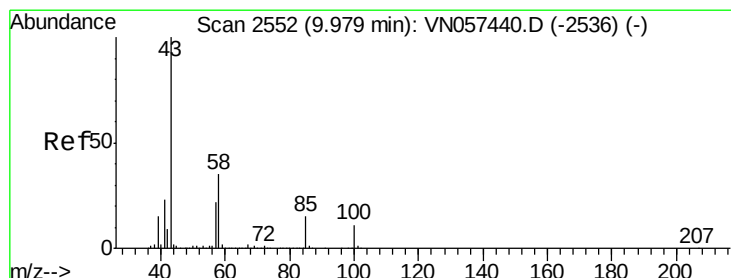
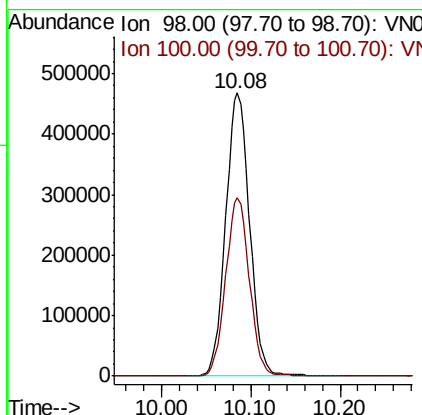
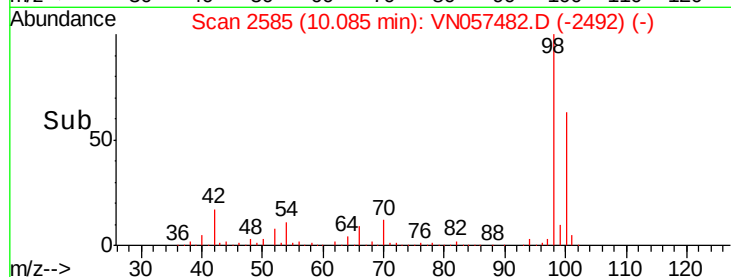
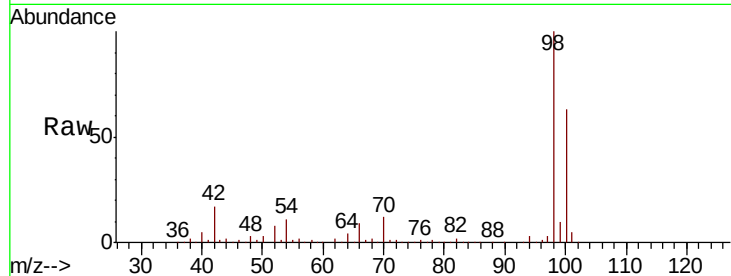
T1-S3(2.5)

Tgt Ion: 98 Resp: 868561

Ion Ratio Lower Upper

98 100

100 62.5 50.4 75.6



#51

4-Methyl-2-Pentanone

Concen: 0.880 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.01 min

Lab File: VN057482.D

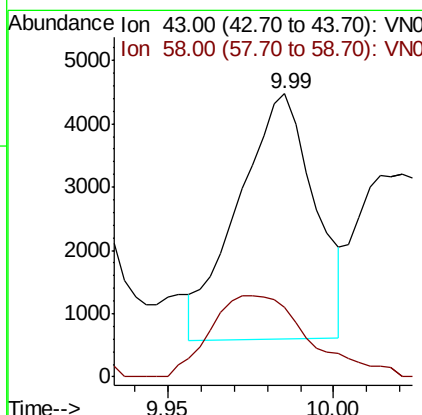
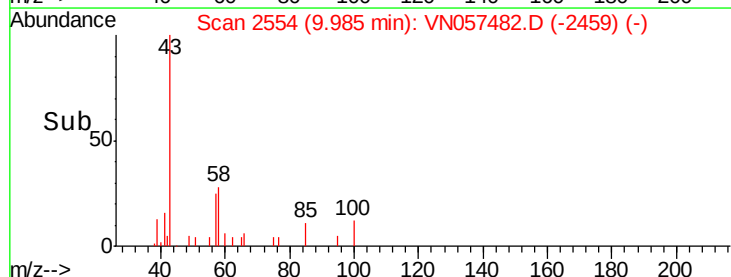
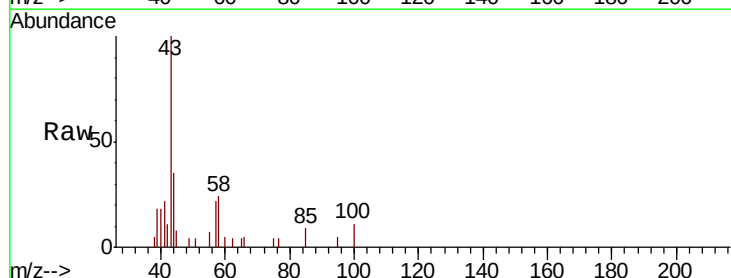
Acq: 23 Aug 2019 19:36

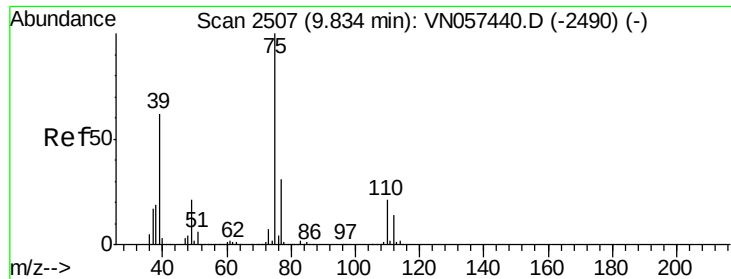
Tgt Ion: 43 Resp: 6213

Ion Ratio Lower Upper

43 100

58 42.8 27.9 41.9#





#54

cis-1,3-Dichloropropene

Concen: 4.461 ug/l

RT: 9.90 min Scan# 2528

Delta R.T. 0.07 min

Lab File: VN057482.D

Acq: 23 Aug 2019 19:36

Instrument :

MSVOA_N

ClientSampleId :

T1-S3(2.5)

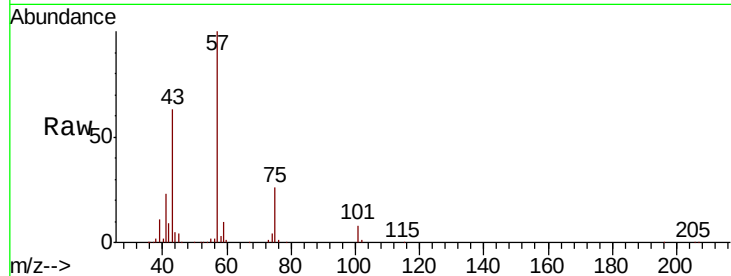
Tgt Ion: 75 Resp: 40580

Ion Ratio Lower Upper

75 100

77 0.0 25.0 37.6#

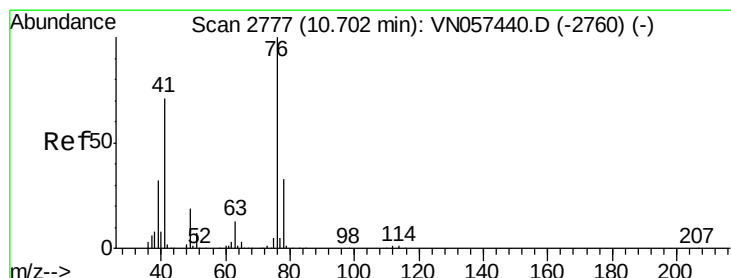
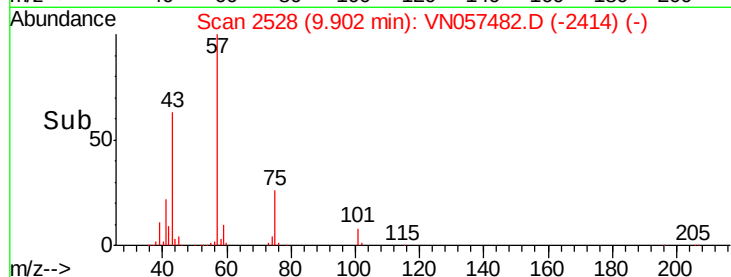
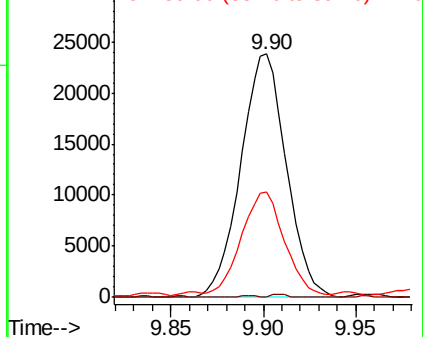
39 41.4 49.2 73.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 0.660 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN057482.D

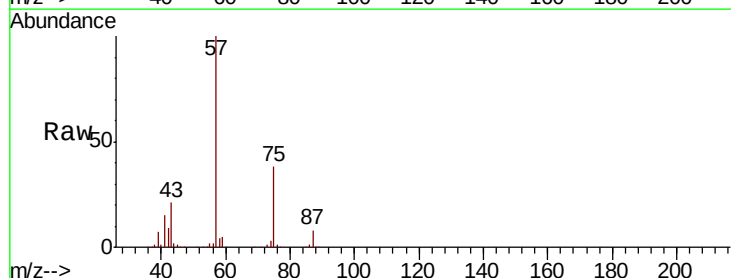
Acq: 23 Aug 2019 19:36

Tgt Ion: 76 Resp: 5620

Ion Ratio Lower Upper

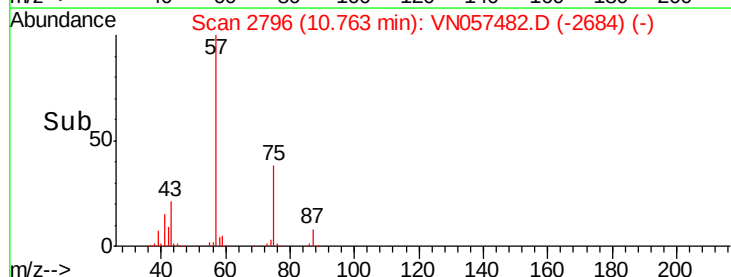
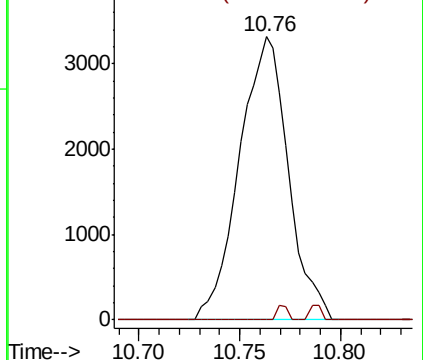
76 100

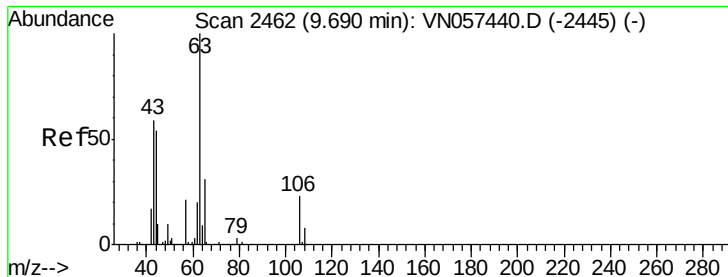
78 1.1 25.5 38.3#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0





#58

2-Chloroethyl Vinyl ether

Concen: 17.093 ug/l

RT: 9.71 min Scan# 2467

Delta R.T. 0.02 min

Lab File: VN057482.D

Acq: 23 Aug 2019 19:36

Instrument :

MSVOA_N

ClientSampled :

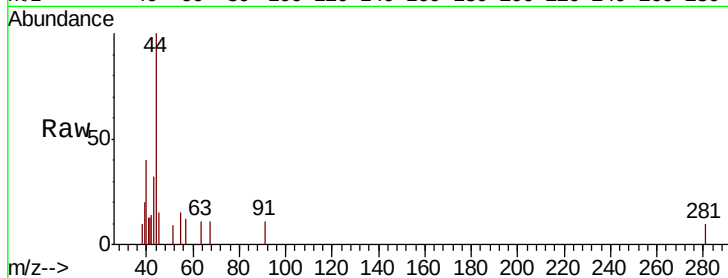
T1-S3(2.5)

Tgt Ion: 63 Resp: 65

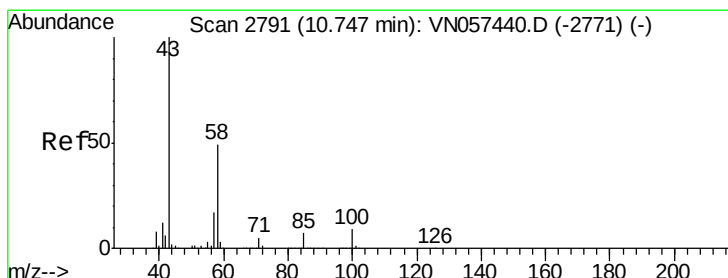
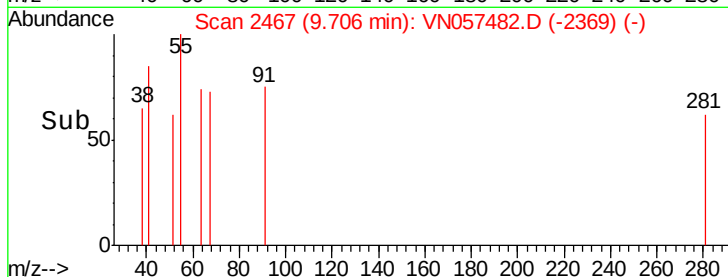
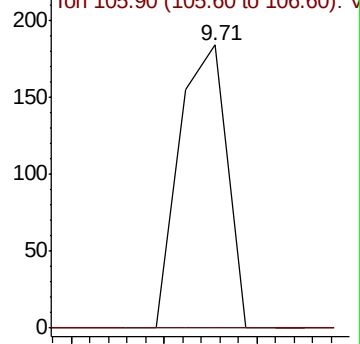
Ion Ratio Lower Upper

63 100

106 0.0 18.6 27.8#



Abundance Ion 62.90 (62.60 to 63.60): VN0



#59

2-Hexanone

Concen: 19.043 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.01 min

Lab File: VN057482.D

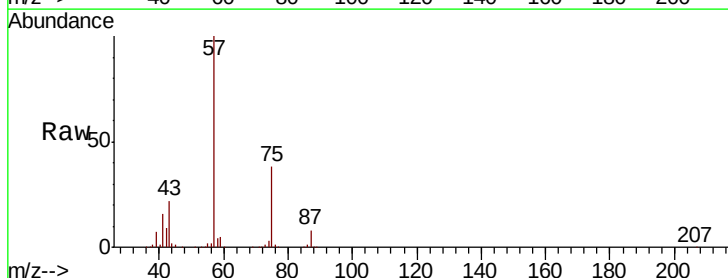
Acq: 23 Aug 2019 19:36

Tgt Ion: 43 Resp: 92253

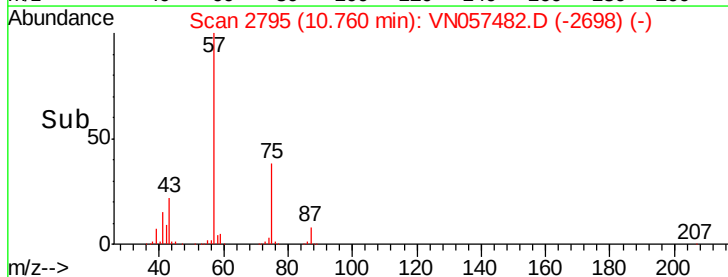
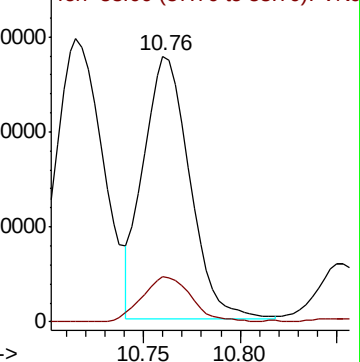
Ion Ratio Lower Upper

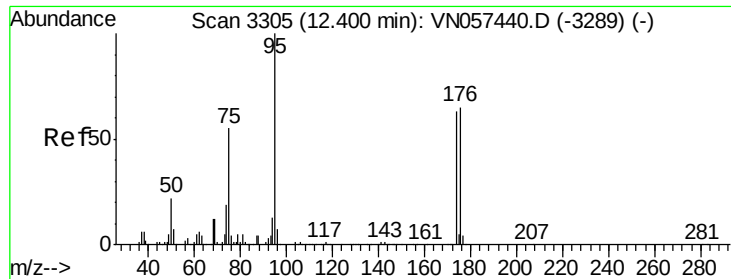
43 100

58 18.4 24.6 73.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0





#62

4-Bromofluorobenzene

Concen: 40.278 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057482.D

Acq: 23 Aug 2019 19:36

Instrument :

MSVOA_N

ClientSampleId :

T1-S3(2.5)

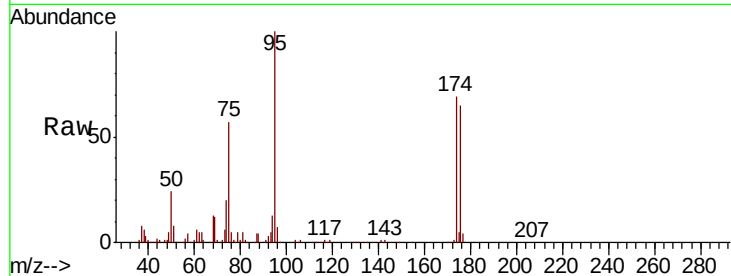
Tgt Ion: 95 Resp: 238635

Ion Ratio Lower Upper

95 100

174 69.1 0.0 133.0

176 65.7 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) (-)

12.40

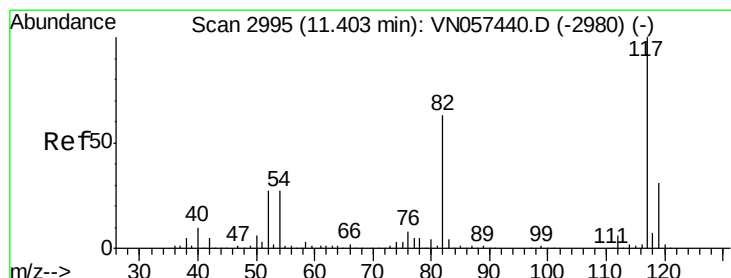
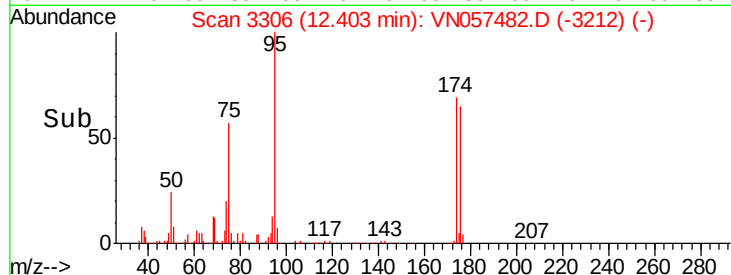
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057482.D

Acq: 23 Aug 2019 19:36

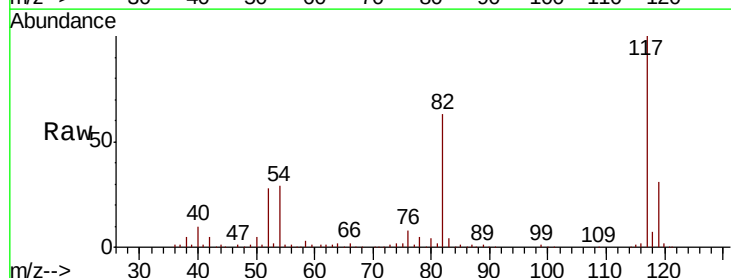
Tgt Ion: 117 Resp: 560080

Ion Ratio Lower Upper

117 100

82 62.9 50.6 75.8

119 31.3 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) (-)

11.41

400000

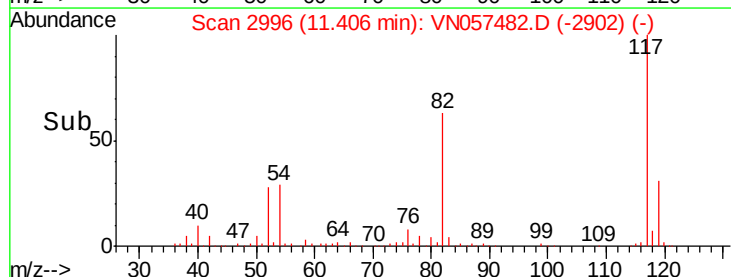
300000

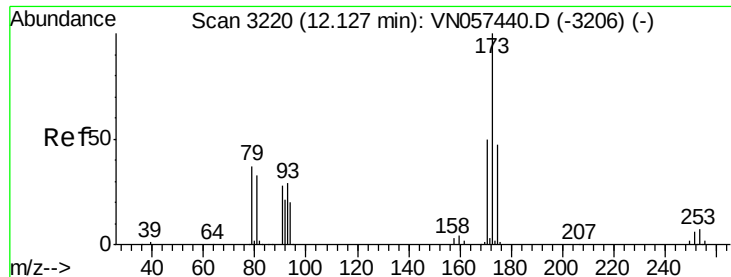
200000

100000

0

Time--> 11.30 11.40 11.50





#71

Bromoform

Concen: 0.769 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN057482.D

Acq: 23 Aug 2019 19:36

Instrument :

MSVOA_N

ClientSampleId :

T1-S3(2.5)

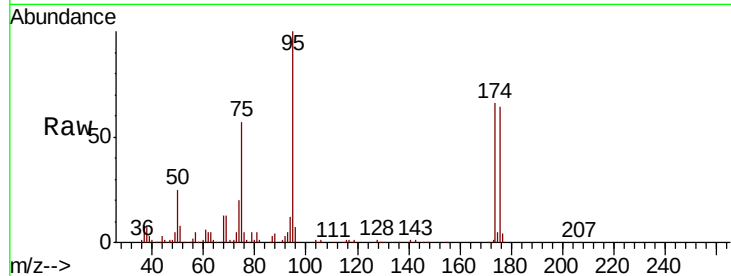
Tgt Ion:173 Resp: 2258

Ion Ratio Lower Upper

173 100

175 432.0 23.9 71.8#

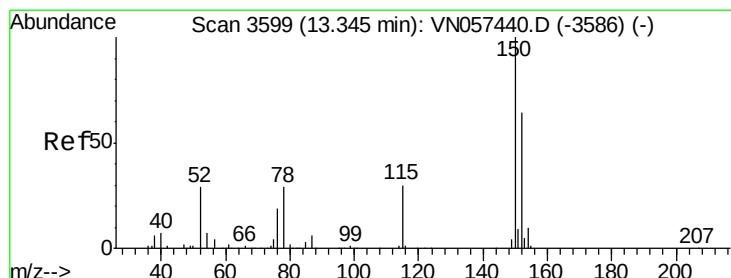
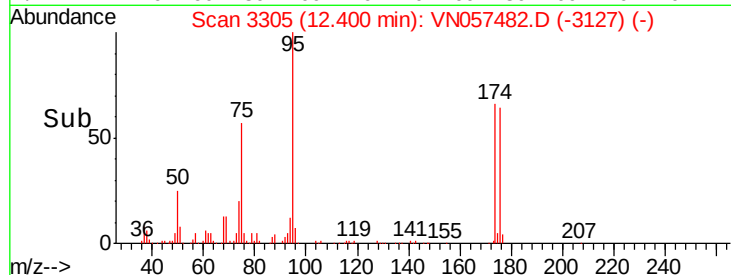
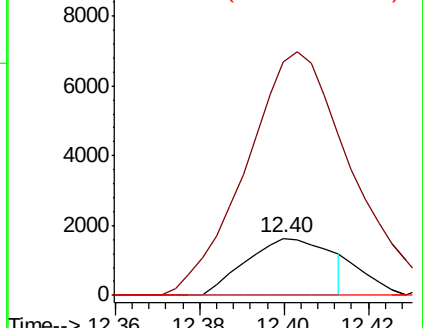
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057482.D

Acq: 23 Aug 2019 19:36

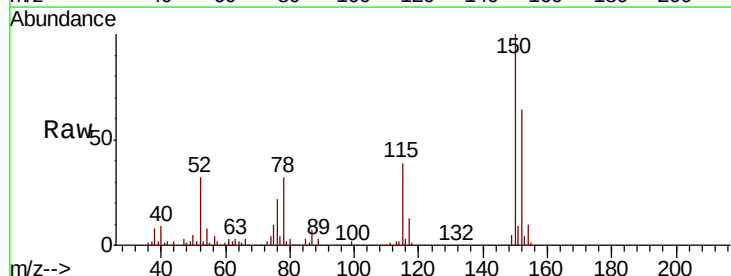
Tgt Ion:152 Resp: 140342

Ion Ratio Lower Upper

152 100

115 62.5 32.0 96.0

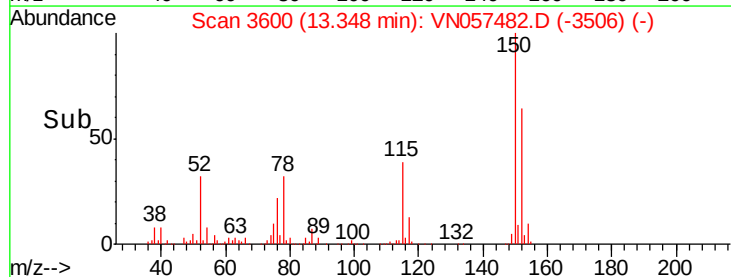
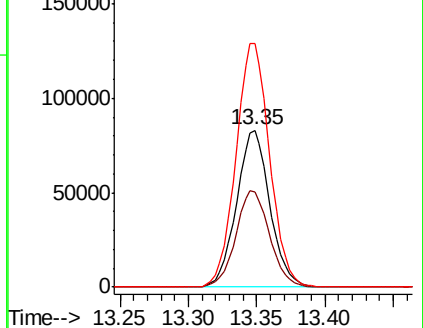
150 157.2 0.0 346.6

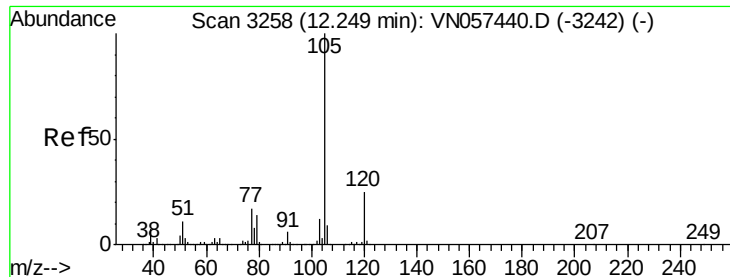


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.24 min Scan# 3256

Delta R.T. -0.01 min

Lab File: VN057482.D

Acq: 23 Aug 2019 19:36

Instrument :

MSVOA_N

ClientSampleId :

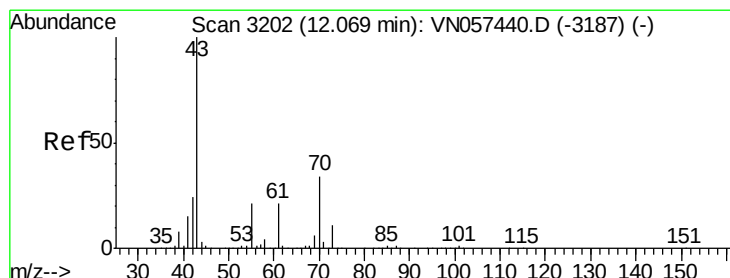
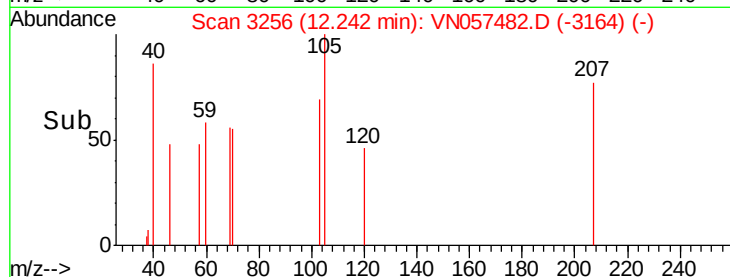
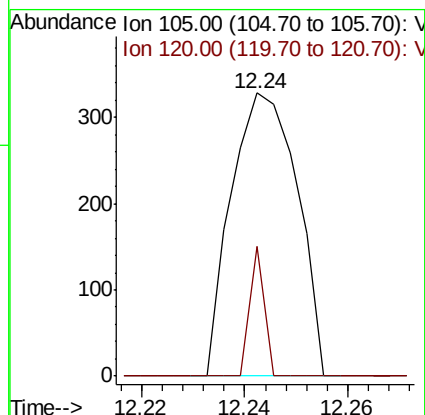
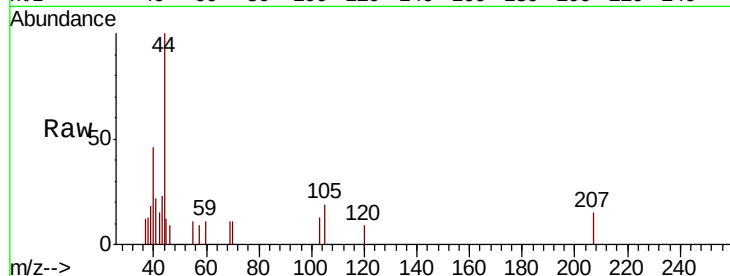
T1-S3(2.5)

Tgt Ion: 105 Resp: 290

Ion Ratio Lower Upper

105 100

120 10.0 12.7 38.0#



#74

N-ethyl acetate

Concen: Below Cal

RT: 12.03 min Scan# 3191

Delta R.T. -0.03 min

Lab File: VN057482.D

Acq: 23 Aug 2019 19:36

Tgt Ion: 43 Resp: 2332

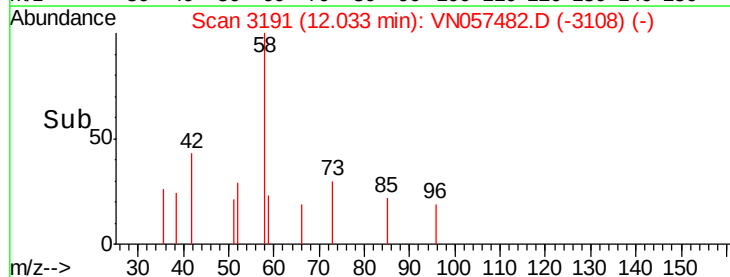
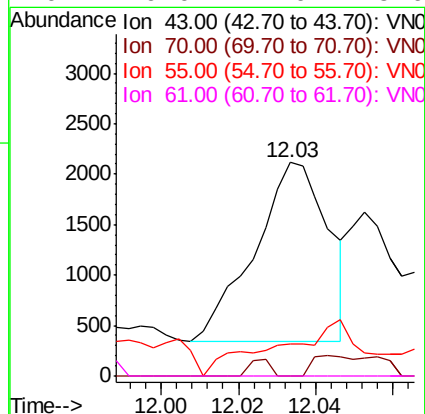
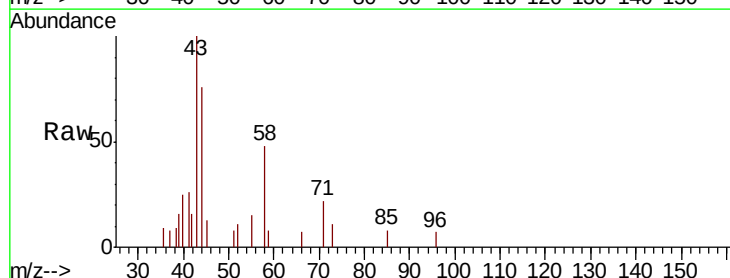
Ion Ratio Lower Upper

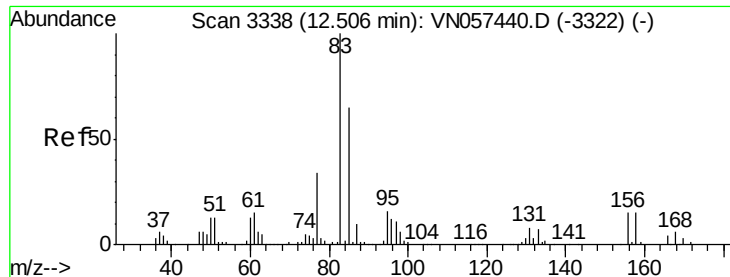
43 100

70 2.6 27.8 41.6#

55 0.0 17.0 25.4#

61 0.0 17.0 25.6#

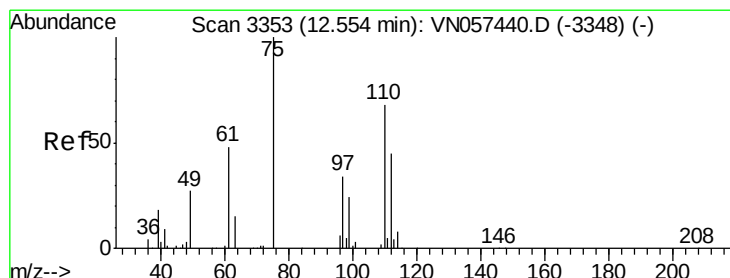
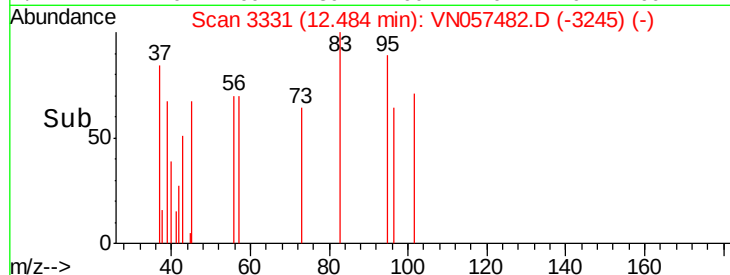
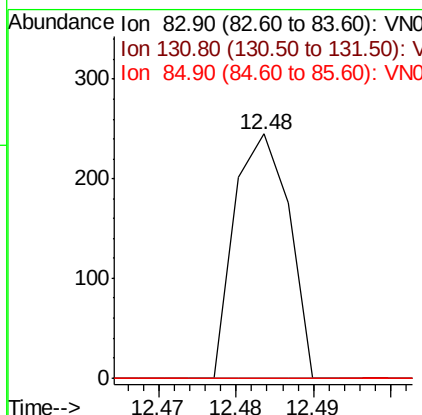
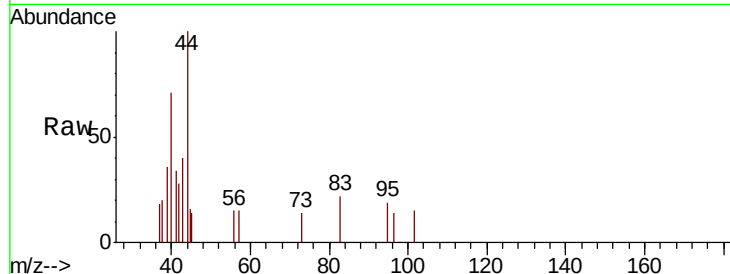




#75
 1,1,2,2-Tetrachloroethane
 Concen: Below Cal
 RT: 12.48 min Scan# 3331
 Delta R.T. -0.02 min
 Lab File: VN057482.D
 Acq: 23 Aug 2019 19:36

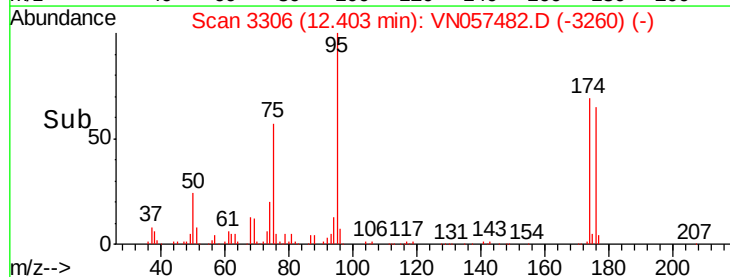
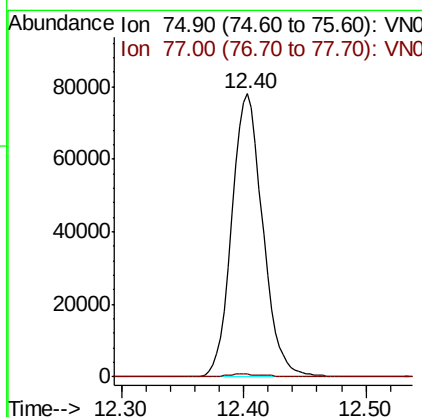
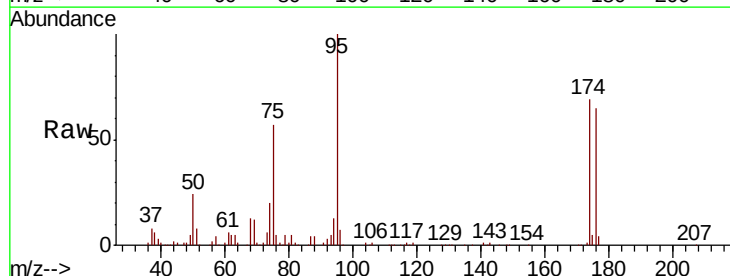
Instrument :
 MSVOA_N
 ClientSampleId :
 T1-S3(2.5)

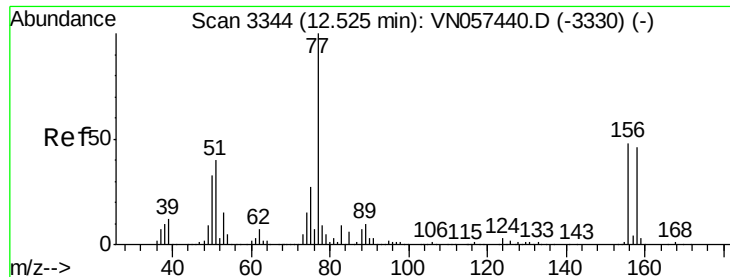
Tgt Ion: 83 Resp: 120
 Ion Ratio Lower Upper
 83 100
 131 0.0 4.3 13.1#
 85 0.0 32.3 96.8#



#76
 1,2,3-Trichloropropane
 Concen: 43.971 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. -0.15 min
 Lab File: VN057482.D
 Acq: 23 Aug 2019 19:36

Tgt Ion: 75 Resp: 137989
 Ion Ratio Lower Upper
 75 100
 77 0.9 0.0 0.0#





#77

Bromobenzene

Concen: Below Cal

RT: 12.64 min Scan# 3380

Delta R.T. 0.12 min

Lab File: VN057482.D

Acq: 23 Aug 2019 19:36

Instrument :

MSVOA_N

ClientSampleId :

T1-S3(2.5)

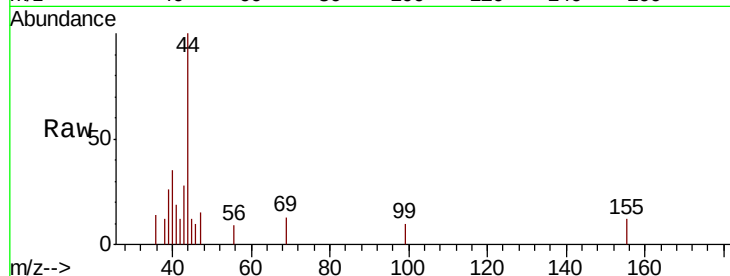
Tgt Ion:156 Resp: 75

Ion Ratio Lower Upper

156 100

77 0.0 124.4 373.3#

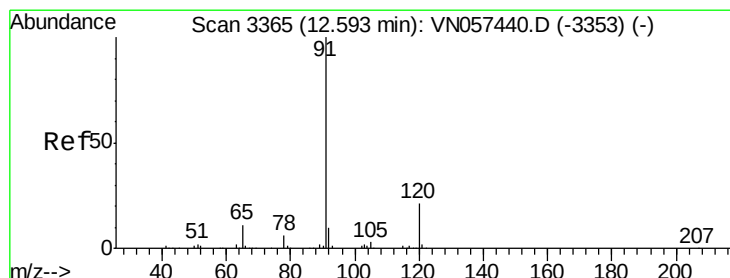
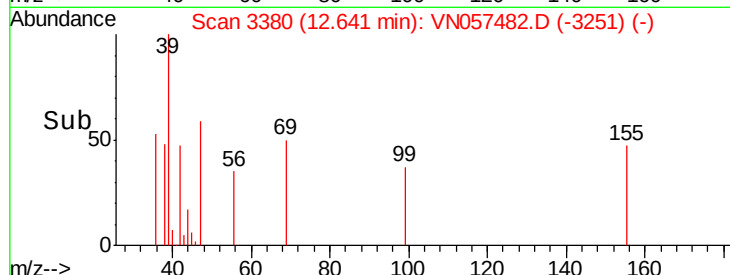
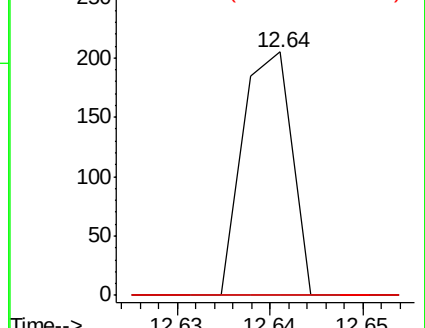
158 0.0 48.3 144.8#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: Below Cal

RT: 12.60 min Scan# 3366

Delta R.T. 0.00 min

Lab File: VN057482.D

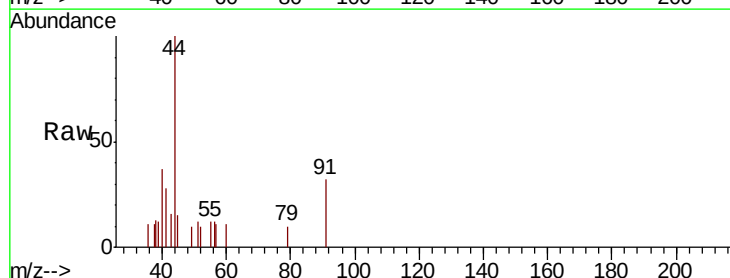
Acq: 23 Aug 2019 19:36

Tgt Ion: 91 Resp: 482

Ion Ratio Lower Upper

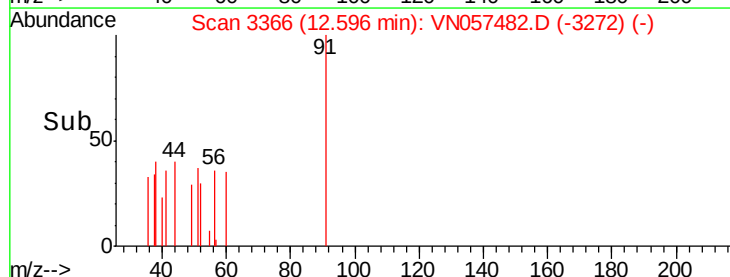
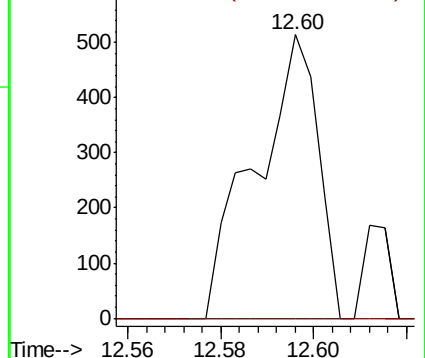
91 100

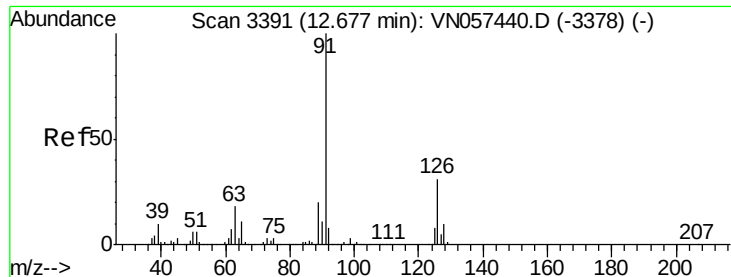
120 0.0 10.7 32.1#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

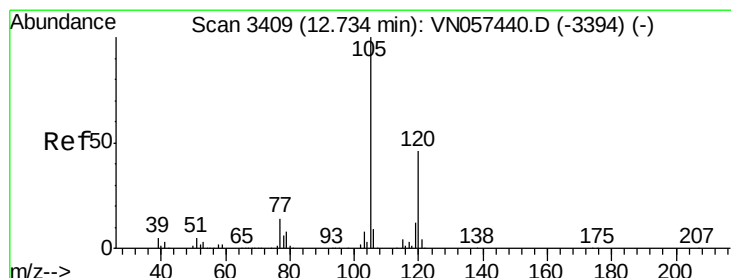
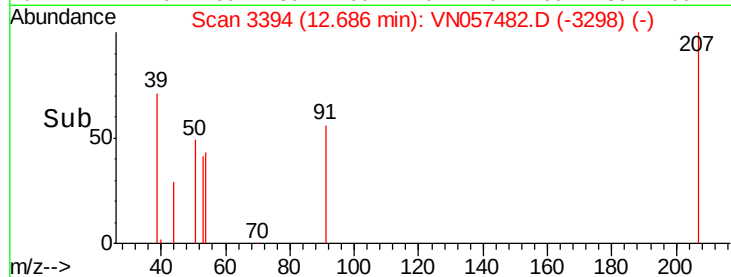
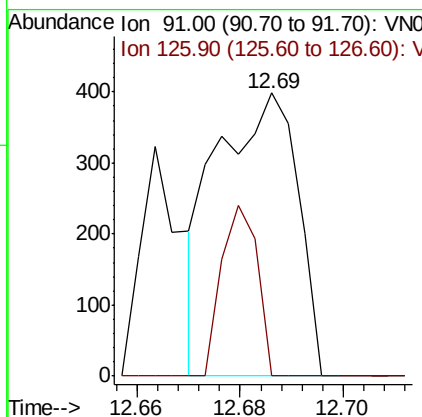
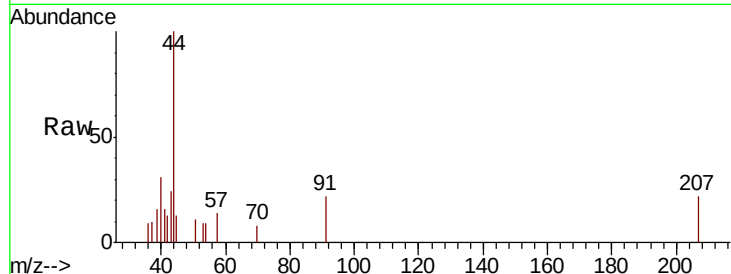




#79
 2-Chlorotoluene
 Concen: Below Cal
 RT: 12.69 min Scan# 3394
 Delta R.T. 0.01 min
 Lab File: VN057482.D
 Acq: 23 Aug 2019 19:36

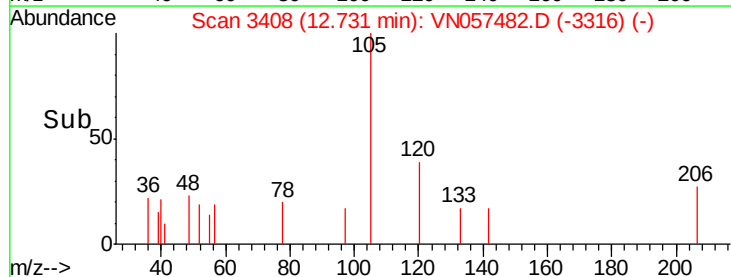
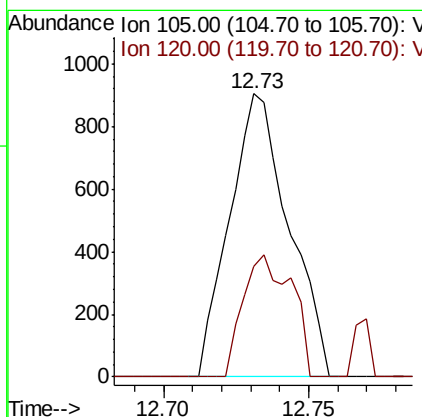
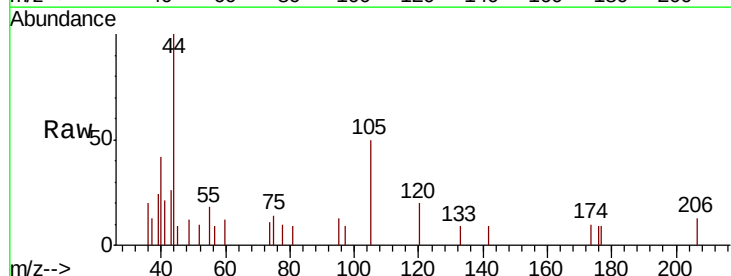
Instrument :
 MSVOA_N
 ClientSampled :
 T1-S3(2.5)

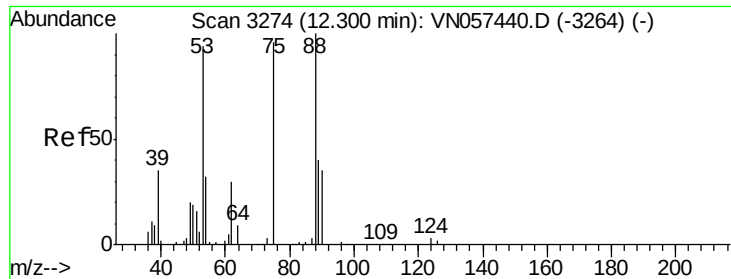
Tgt Ion: 91 Resp: 432
 Ion Ratio Lower Upper
 91 100
 126 26.6 15.3 45.8



#80
 1,3,5-Trimethylbenzene
 Concen: Below Cal
 RT: 12.73 min Scan# 3408
 Delta R.T. -0.00 min
 Lab File: VN057482.D
 Acq: 23 Aug 2019 19:36

Tgt Ion: 105 Resp: 1286
 Ion Ratio Lower Upper
 105 100
 120 35.0 23.3 69.8





#81

trans-1,4-Dichloro-2-butene

Concen: 112.861 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN057482.D

Acq: 23 Aug 2019 19:36

Instrument :

MSVOA_N

ClientSampleId :

T1-S3(2.5)

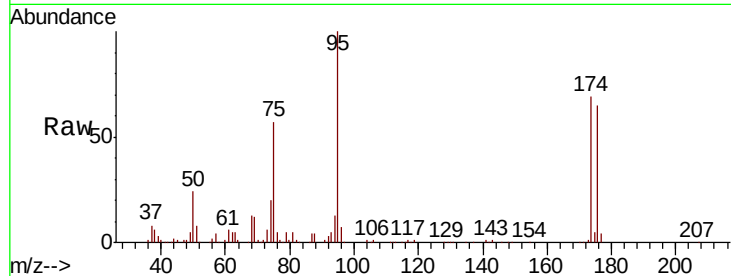
Tgt Ion: 75 Resp: 137989

Ion Ratio Lower Upper

75 100

53 0.1 82.7 124.1#

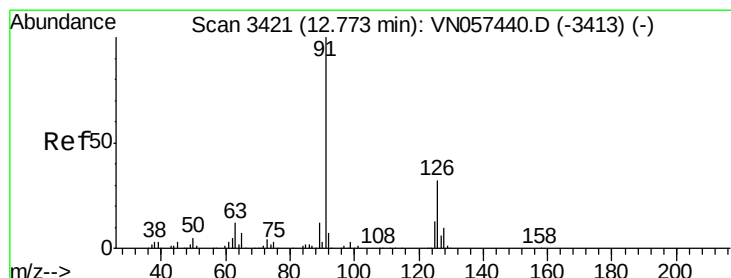
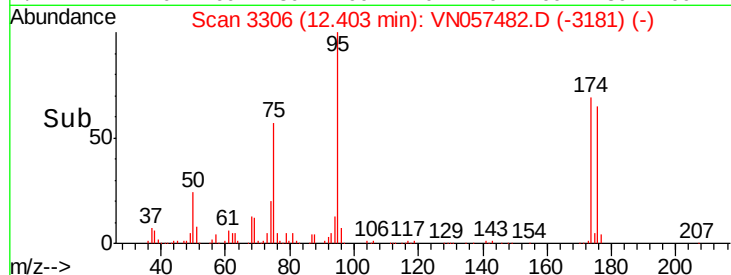
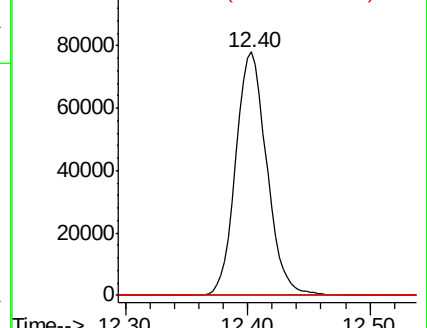
89 0.0 35.8 53.8#



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: 12.69 min Scan# 3394

Delta R.T. -0.09 min

Lab File: VN057482.D

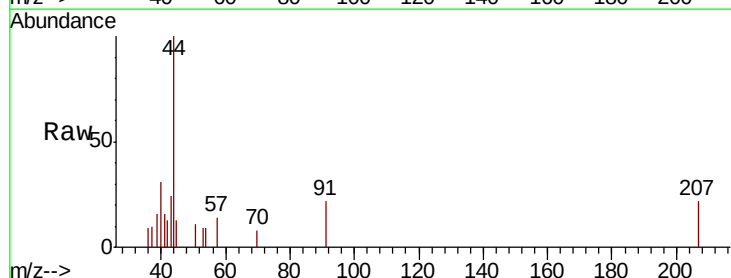
Acq: 23 Aug 2019 19:36

Tgt Ion: 91 Resp: 432

Ion Ratio Lower Upper

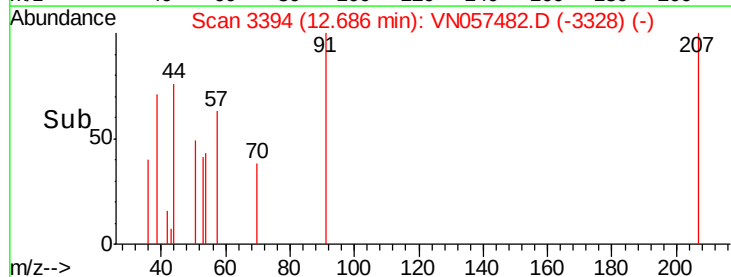
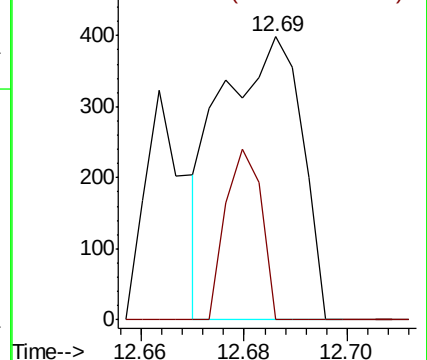
91 100

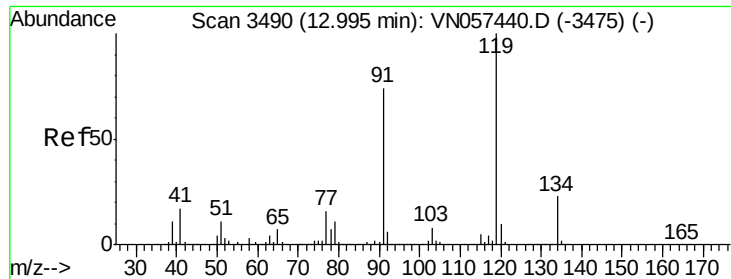
126 26.6 15.0 45.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

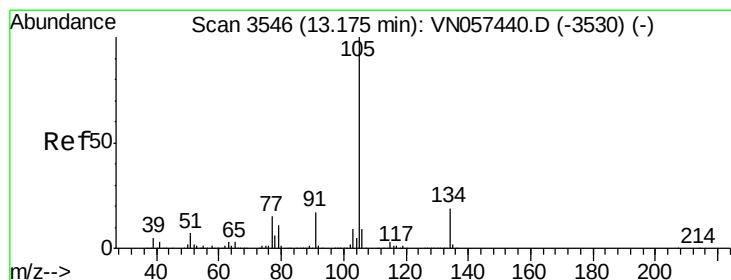
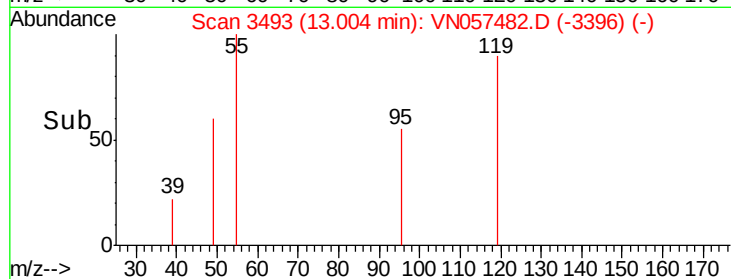
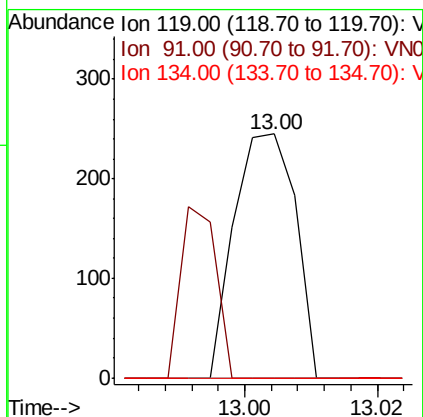
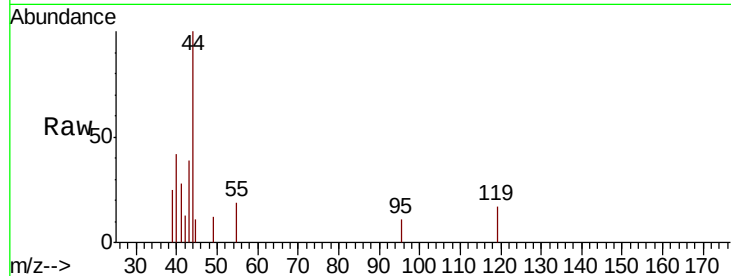




#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 13.00 min Scan# 3493
 Delta R.T. 0.01 min
 Lab File: VN057482.D
 Acq: 23 Aug 2019 19:36

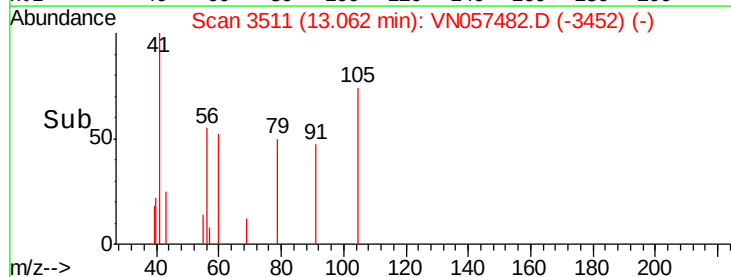
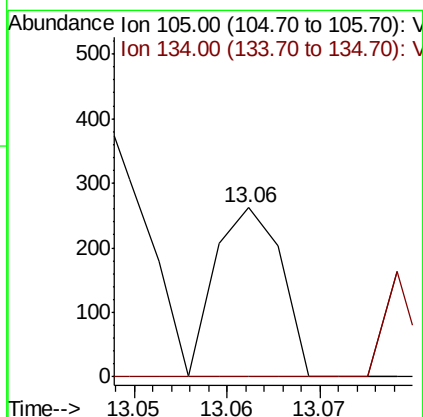
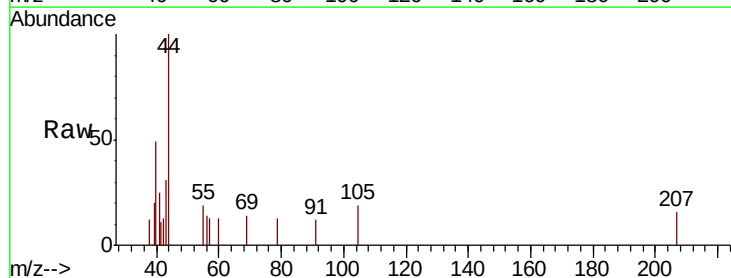
Instrument :
 MSVOA_N
 ClientSampleId :
 T1-S3(2.5)

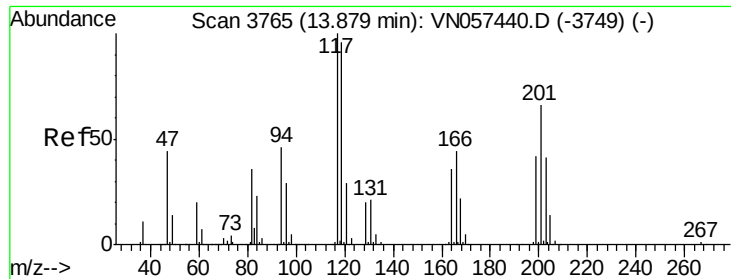
Tgt Ion:119 Resp: 158
 Ion Ratio Lower Upper
 119 100
 91 39.9 37.0 111.0
 134 0.0 12.2 36.6#



#85
 sec-Butylbenzene
 Concen: Below Cal
 RT: 13.06 min Scan# 3511
 Delta R.T. -0.11 min
 Lab File: VN057482.D
 Acq: 23 Aug 2019 19:36

Tgt Ion:105 Resp: 130
 Ion Ratio Lower Upper
 105 100
 134 24.6 9.3 27.9





#90

Hexachloroethane

Concen: Below Cal

RT: 13.72 min Scan# 3717

Delta R.T. -0.15 min

Lab File: VN057482.D

Acq: 23 Aug 2019 19:36

Instrument :

MSVOA_N

ClientSampleId :

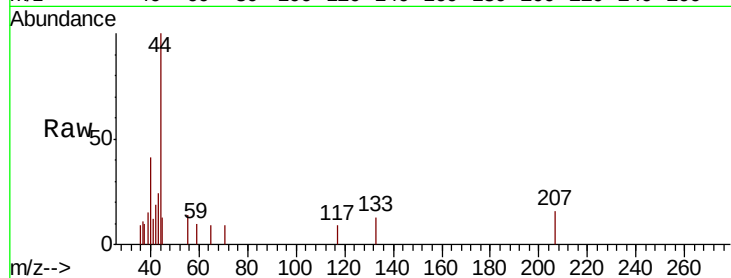
T1-S3(2.5)

Tgt Ion:117 Resp: 59

Ion Ratio Lower Upper

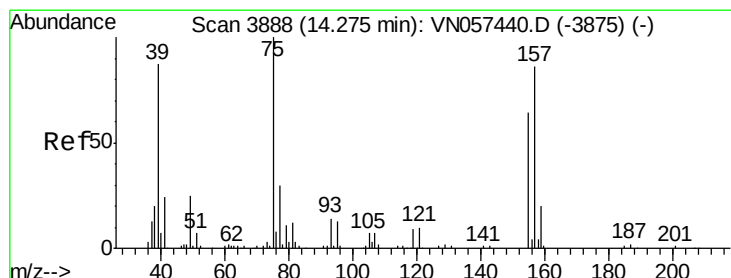
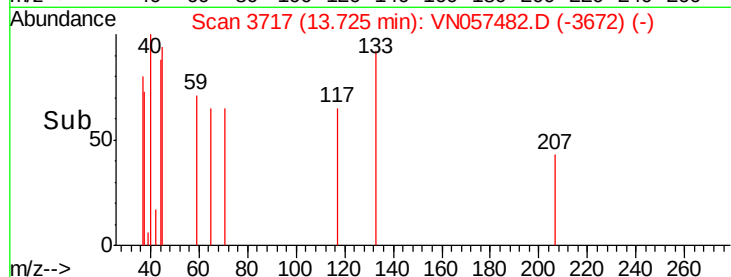
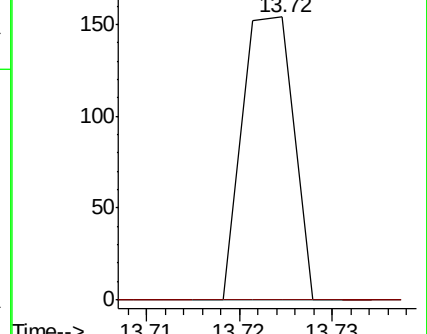
117 100

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: 14.31 min Scan# 3899

Delta R.T. 0.04 min

Lab File: VN057482.D

Acq: 23 Aug 2019 19:36

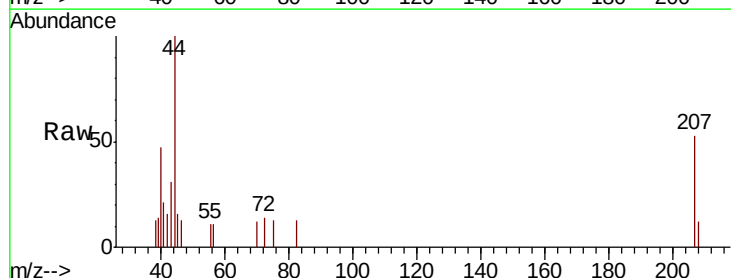
Tgt Ion: 75 Resp: 100

Ion Ratio Lower Upper

75 100

155 0.0 31.6 94.7#

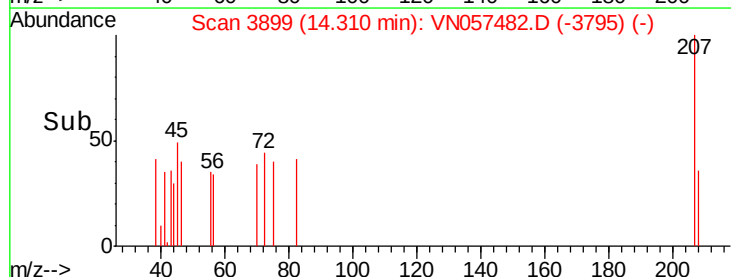
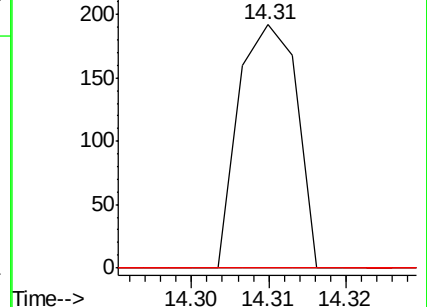
157 0.0 43.3 129.8#

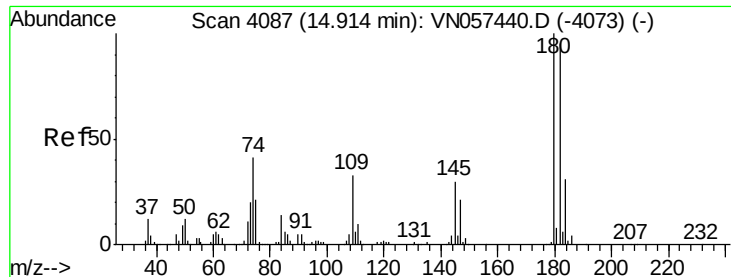


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

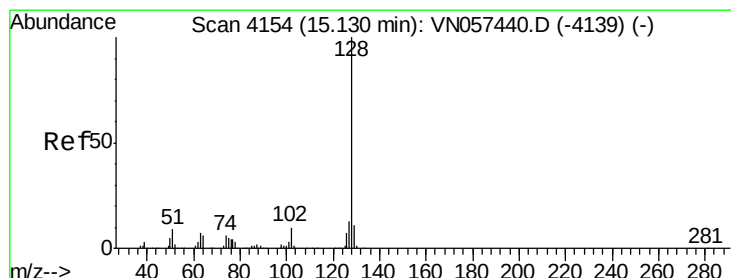
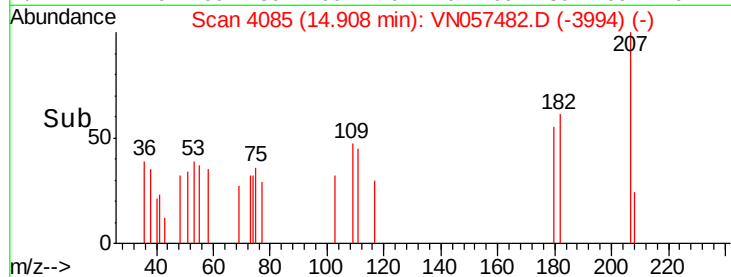
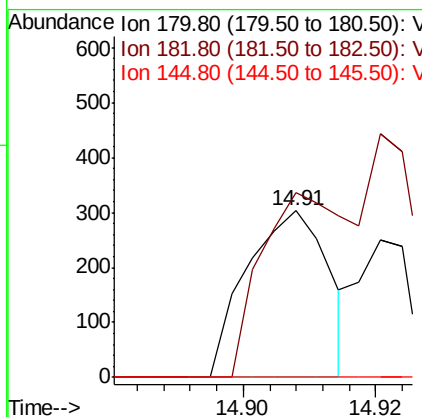
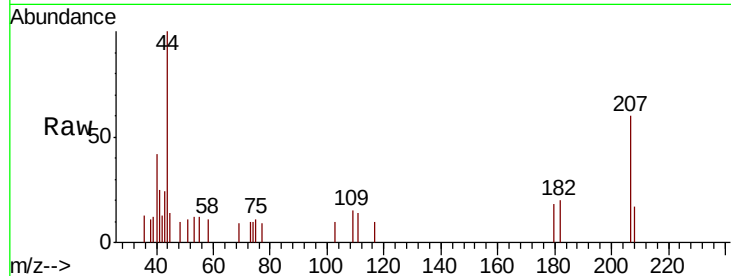




#93
 1,2,4-Trichlorobenzene
 Concen: 5.505 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.01 min
 Lab File: VN057482.D
 Acq: 23 Aug 2019 19:36

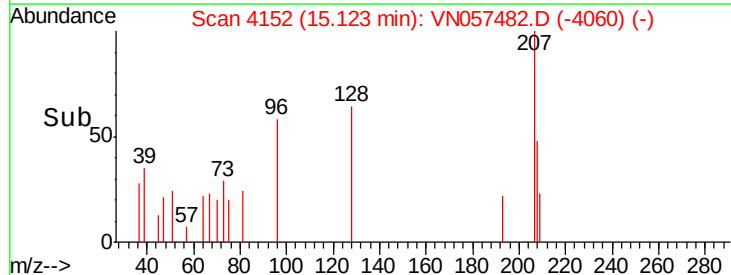
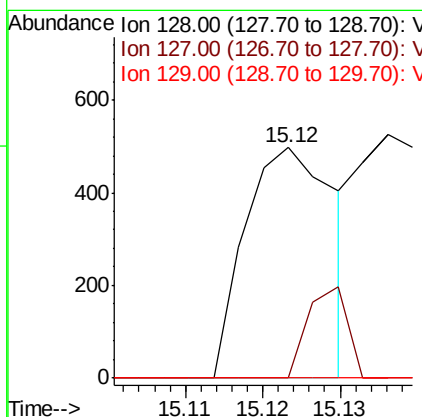
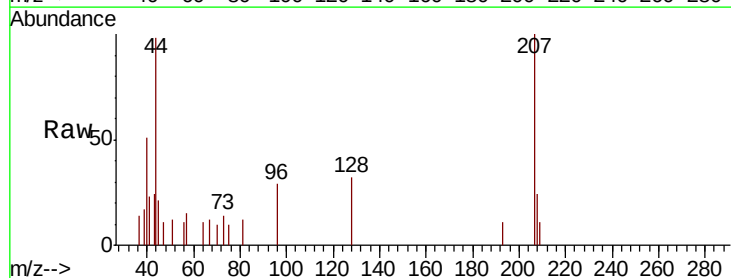
Instrument :
 MSVOA_N
 ClientSampleId :
 T1-S3(2.5)

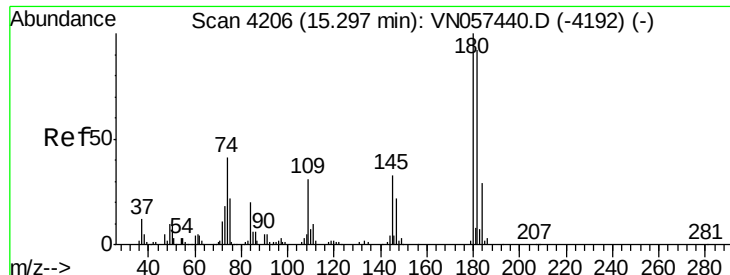
Tgt Ion:180 Resp: 261
 Ion Ratio Lower Upper
 180 100
 182 124.9 46.7 140.1
 145 0.0 15.6 46.8#



#95
 Naphthalene
 Concen: 4.405 ug/l
 RT: 15.12 min Scan# 4152
 Delta R.T. -0.01 min
 Lab File: VN057482.D
 Acq: 23 Aug 2019 19:36

Tgt Ion:128 Resp: 400
 Ion Ratio Lower Upper
 128 100
 127 17.3 10.5 15.7#
 129 0.0 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 5.299 ug/l
 RT: 15.30 min Scan# 4206
 Delta R.T. -0.00 min
 Lab File: VN057482.D
 Acq: 23 Aug 2019 19:36

Instrument :
 MSVOA_N
 ClientSampleId :
 T1-S3(2.5)

Tgt Ion:180 Resp: 359
 Ion Ratio Lower Upper
 180 100
 182 121.2 46.7 140.1
 145 0.0 16.8 50.3#

