

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081319\
 Data File : VN057264.D
 Acq On : 13 Aug 2019 22:39
 Operator : JC/SP
 Sample : K4266-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 R1-R2-A4-(0)

Quant Time: Aug 14 06:34:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081319W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 14 06:25:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1523351	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	2133744	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1788692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	453837	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	701729	45.66	ug/l	0.00
Spiked Amount			Recovery	=	91.32%	
35) Dibromofluoromethane	7.58	113	640335	47.00	ug/l	0.00
Spiked Amount			Recovery	=	94.00%	
50) Toluene-d8	10.09	98	2477546	49.86	ug/l	0.00
Spiked Amount			Recovery	=	99.72%	
62) 4-Bromofluorobenzene	12.40	95	665065	39.03	ug/l	0.00
Spiked Amount			Recovery	=	78.06%	

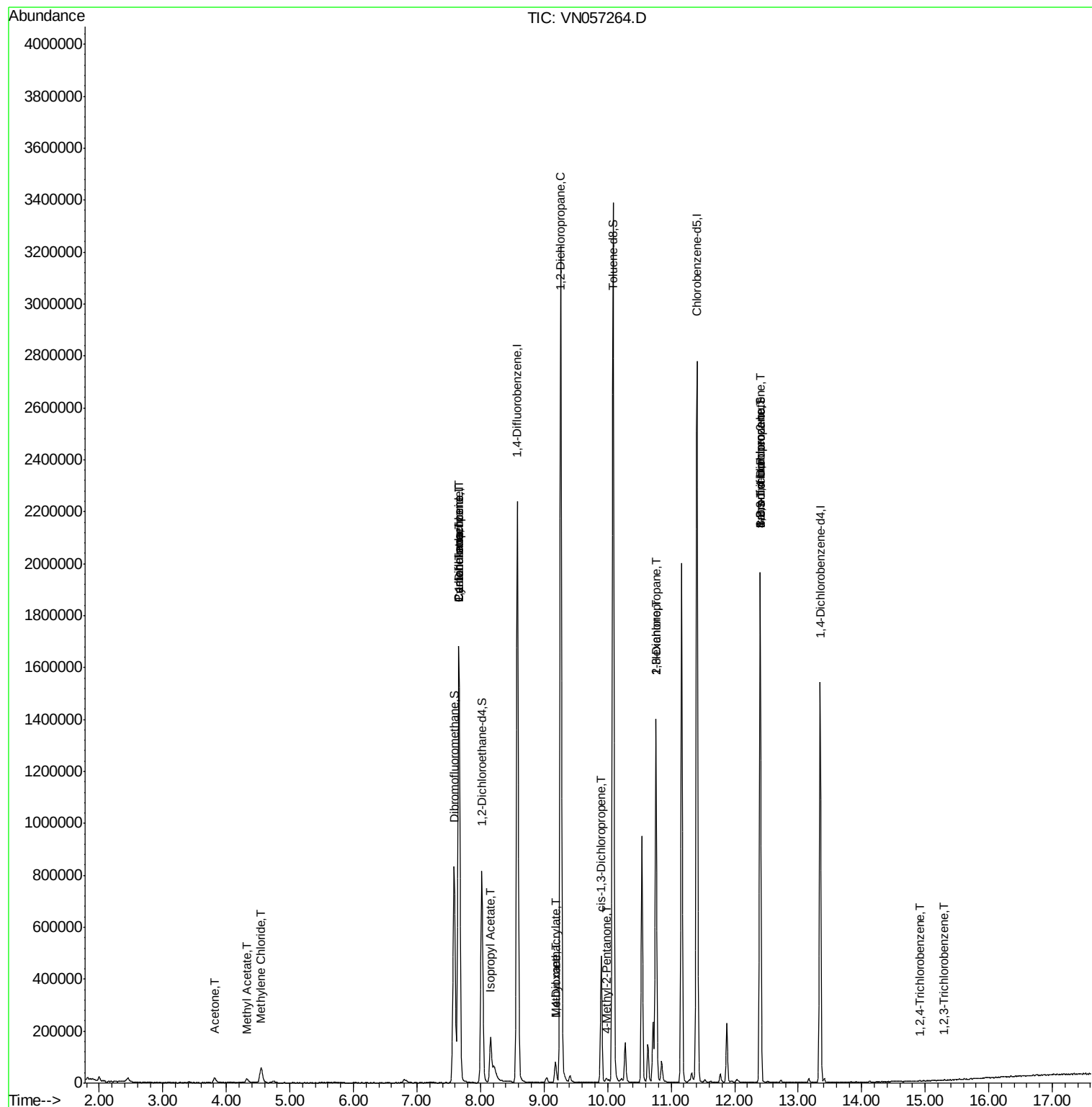
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	29889	5.673	ug/l	99
18) Methyl Acetate	4.32	43	29859	1.059	ug/l #	66
20) Methylene Chloride	4.55	84	46533	3.024	ug/l	98
31) Cyclohexane	7.66	56	21991	1.010	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	92279	4.947	ug/l #	43
38) Carbon Tetrachloride	7.66	117	129916	6.556	ug/l #	15
43) Isopropyl Acetate	8.16	43	221586	8.973	ug/l #	84
45) 1,2-Dichloropropane	9.26	63	4278	0.298	ug/l #	43
48) Methyl methacrylate	9.17	41	11027	0.965	ug/l #	10
49) 1,4-Dioxane	9.17	88	78	0.303	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	10959	0.756	ug/l	96
54) cis-1,3-Dichloropropene	9.90	75	96333	4.282	ug/l #	64
57) 1,3-Dichloropropane	10.76	76	16332	0.719	ug/l #	42
59) 2-Hexanone	10.76	43	200955	19.532	ug/l #	49
71) Bromoform	12.40	173	4358	0.402	ug/l #	1
73) Isopropylbenzene	12.25	105	247	Below Cal	#	47
74) N-amyl acetate	12.03	43	8274	Below Cal	#	43
75) 1,1,2,2-Tetrachloroethane	12.40	83	299	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	303730	37.343	ug/l #	100
77) Bromobenzene	12.41	156	329	Below Cal	#	1
78) n-propylbenzene	12.59	91	407	Below Cal		86
79) 2-Chlorotoluene	12.78	91	424	Below Cal		78
80) 1,3,5-Trimethylbenzene	12.73	105	2861	Below Cal		94
81) trans-1,4-Dichloro-2-buten	12.40	75	303730	89.892	ug/l #	16
83) tert-Butylbenzene	13.00	119	29	Below Cal	#	28
85) sec-Butylbenzene	13.17	105	548	Below Cal	#	55
93) 1,2,4-Trichlorobenzene	14.91	180	132	3.266	ug/l #	1
95) Naphthalene	15.13	128	613	Below Cal	#	76
96) 1,2,3-Trichlorobenzene	15.30	180	499	4.321	ug/l #	22

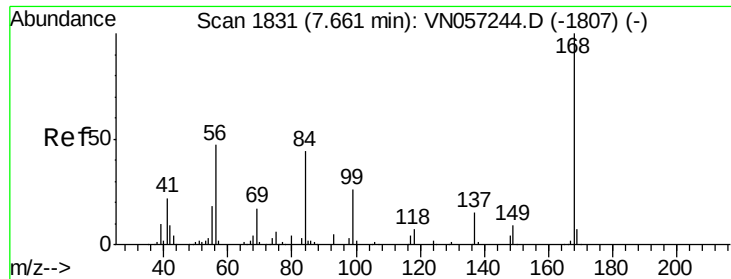
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 14 06:34:42 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N081319W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 14 06:25:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VN057264.D

Acq: 13 Aug 2019 22:39

Instrument :

MSVOA_N

ClientSampleId :

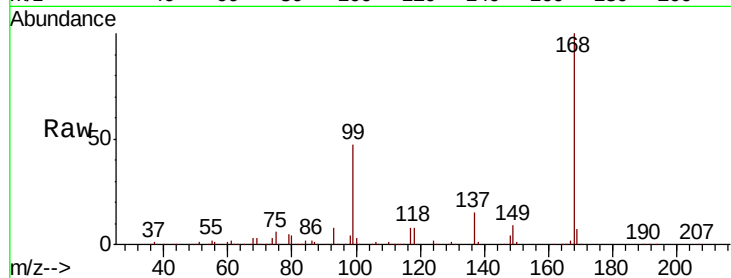
R1-R2-A4-(0)

Tgt Ion:168 Resp: 1523351

Ion Ratio Lower Upper

168 100

99 46.8 38.6 58.0



Abundance Ion 167.90 (167.60 to 168.60): VN057264.D (-1738) (-)

Ion 98.90 (98.60 to 99.60): VN057264.D (-1738) (-)

7.66

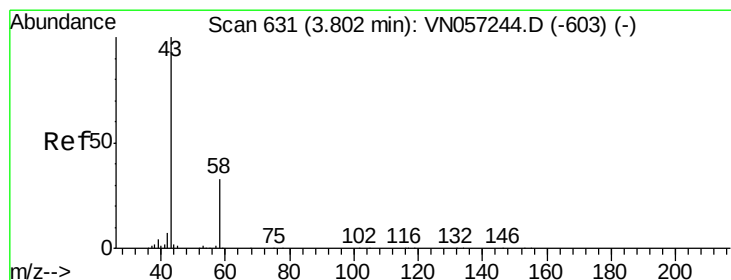
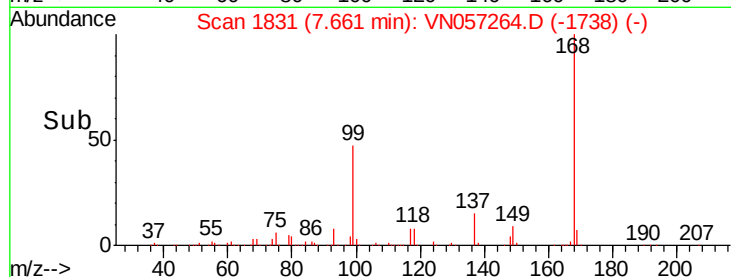
600000

400000

200000

0

Time-->



#16

Acetone

Concen: 5.673 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN057264.D

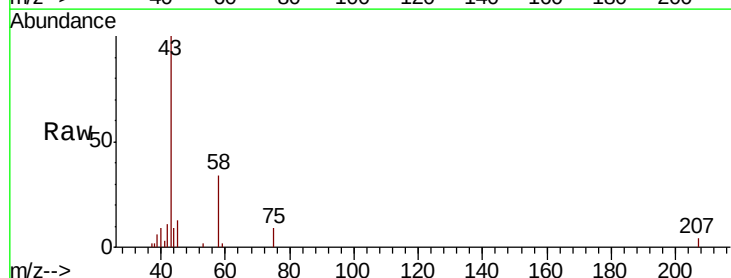
Acq: 13 Aug 2019 22:39

Tgt Ion: 43 Resp: 29889

Ion Ratio Lower Upper

43 100

58 33.7 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VN057264.D (-538) (-)

Ion 58.00 (57.70 to 58.70): VN057264.D (-538) (-)

3.82

10000

8000

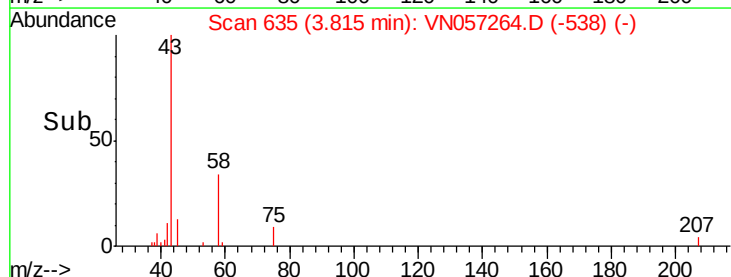
6000

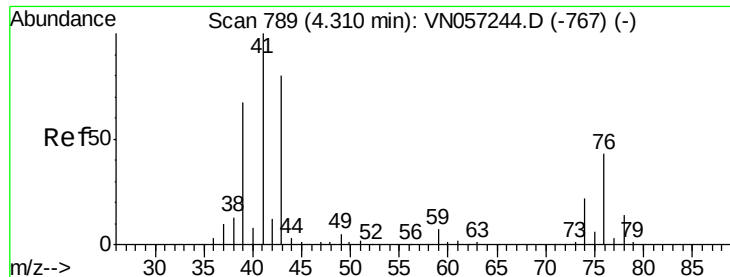
4000

2000

0

Time-->

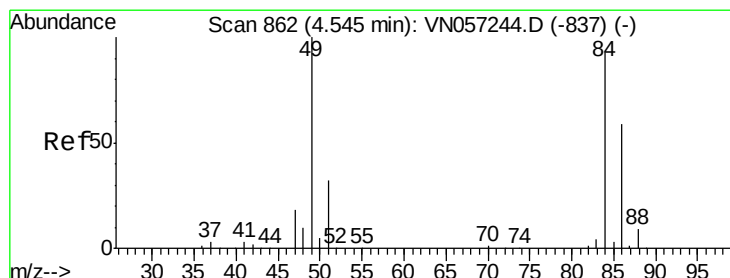
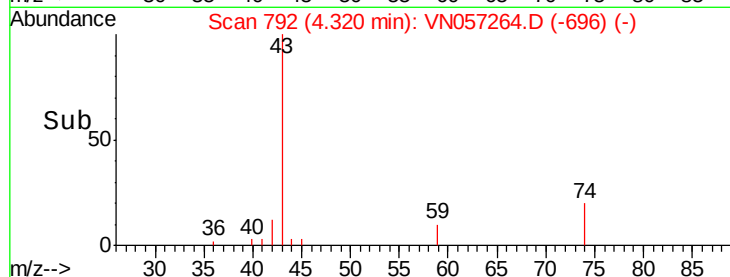
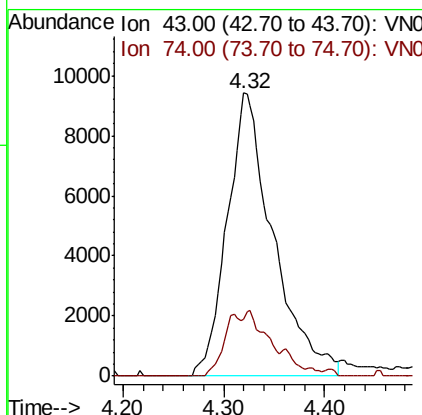
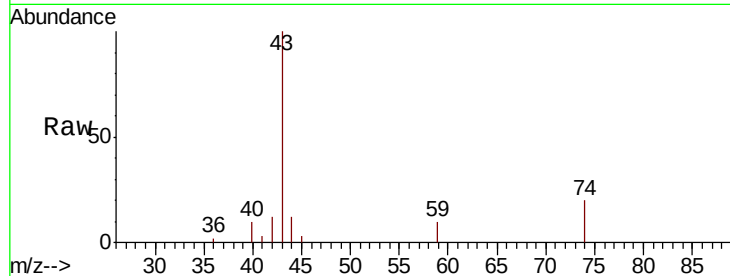




#18
Methyl Acetate
Concen: 1.059 ug/l
RT: 4.32 min Scan# 792
Delta R.T. 0.01 min
Lab File: VN057264.D
Acq: 13 Aug 2019 22:39

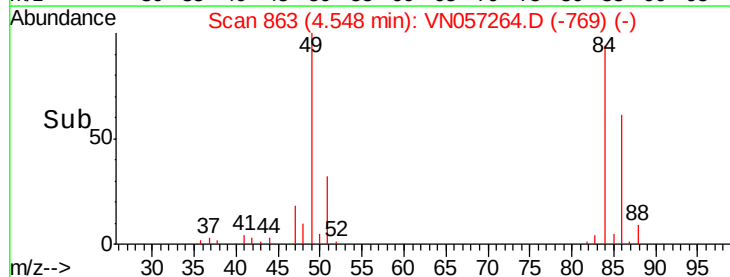
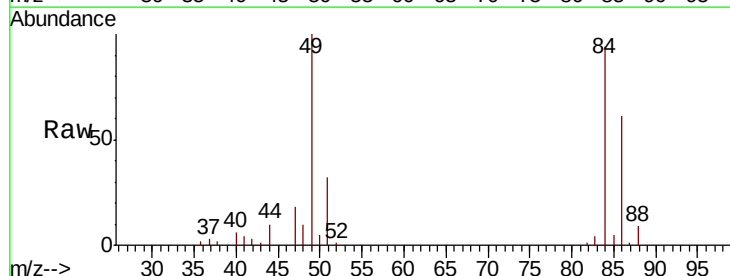
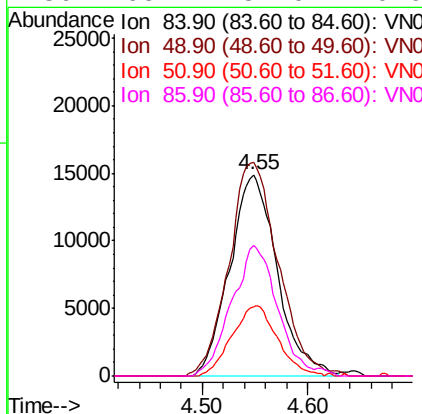
Instrument :
MSVOA_N
ClientSampleId :
R1-R2-A4-(0)

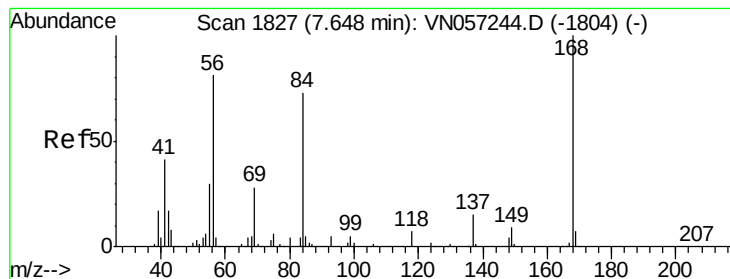
Tgt Ion: 43 Resp: 29859
Ion Ratio Lower Upper
43 100
74 8.4 20.6 31.0#



#20
Methylene Chloride
Concen: 3.024 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN057264.D
Acq: 13 Aug 2019 22:39

Tgt Ion: 84 Resp: 46533
Ion Ratio Lower Upper
84 100
49 104.7 85.9 128.9
51 34.4 27.1 40.7
86 65.2 51.0 76.6





#31

Cyclohexane

Concen: 1.010 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.01 min

Lab File: VN057264.D

Acq: 13 Aug 2019 22:39

Instrument :

MSVOA_N

ClientSampled :

R1-R2-A4-(0)

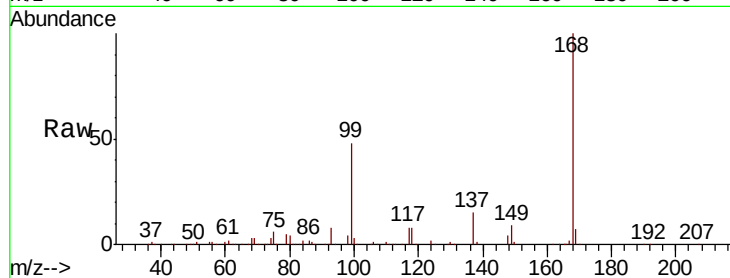
Tgt Ion: 56 Resp: 21991

Ion Ratio Lower Upper

56 100

69 198.2 27.8 41.8#

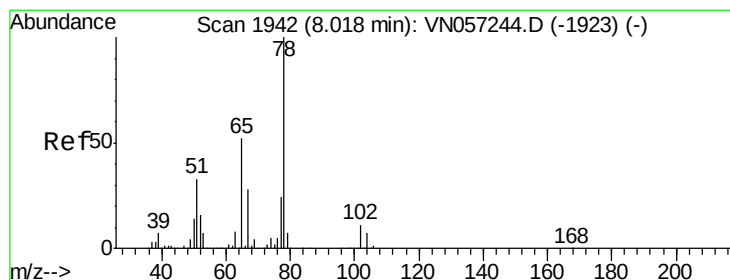
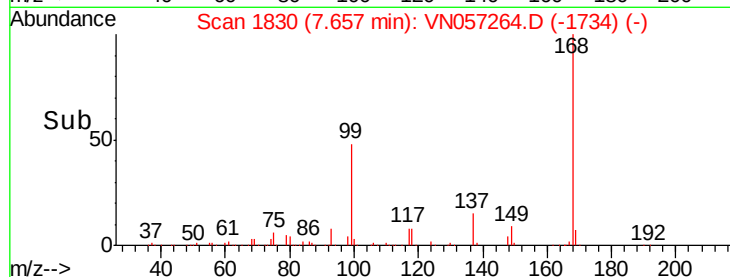
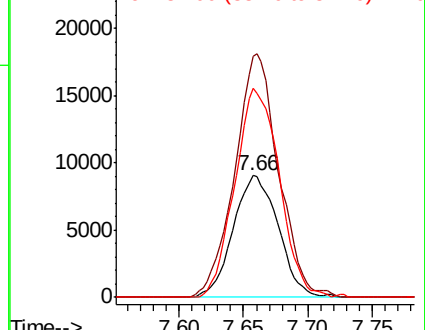
84 171.9 72.0 108.0#



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: 45.664 ug/l

RT: 8.02 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN057264.D

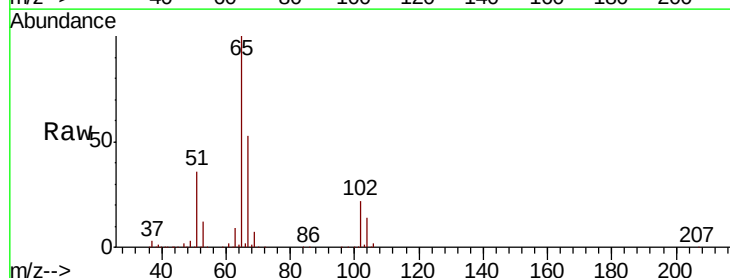
Acq: 13 Aug 2019 22:39

Tgt Ion: 65 Resp: 701729

Ion Ratio Lower Upper

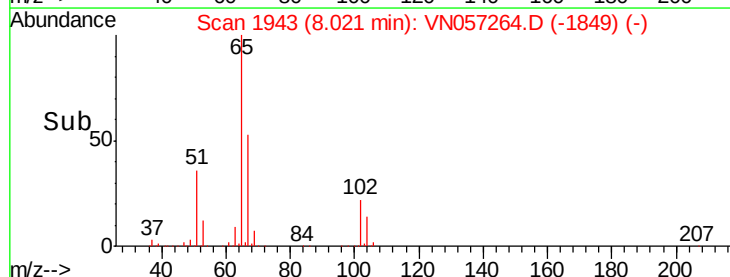
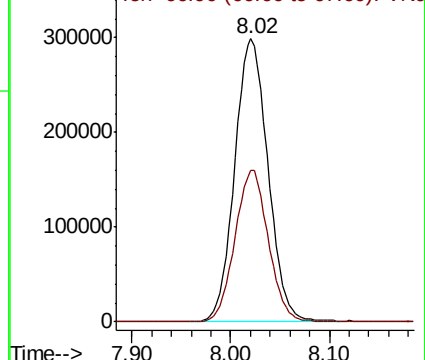
65 100

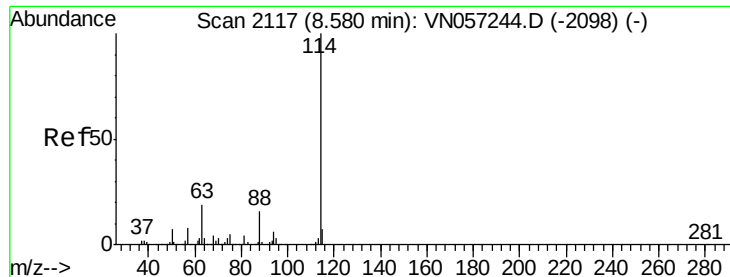
67 53.8 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

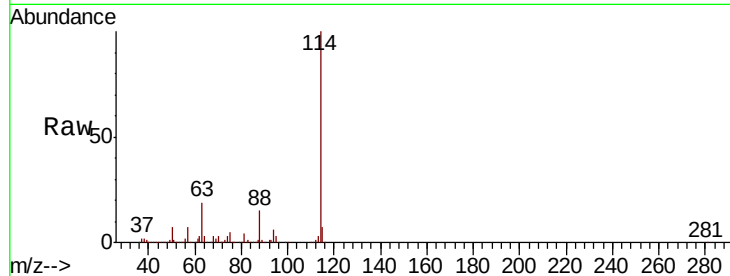




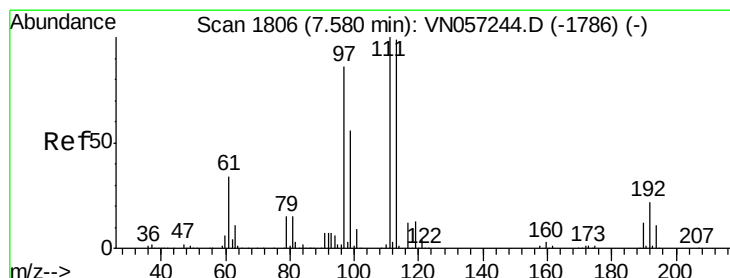
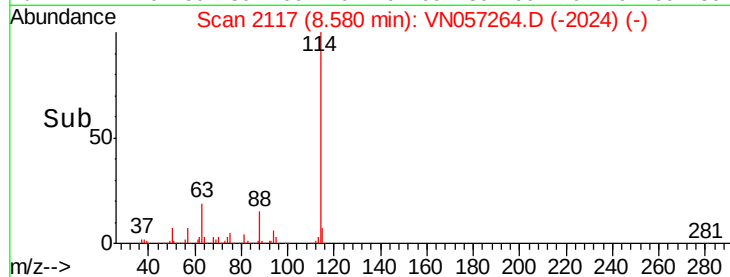
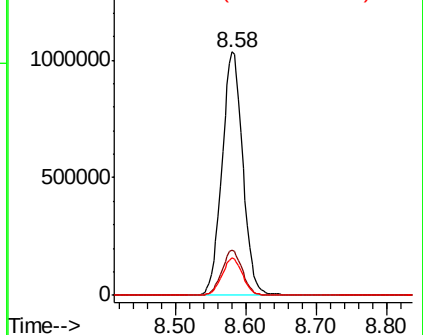
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN057264.D
 Acq: 13 Aug 2019 22:39

Instrument :
 MSVOA_N
 ClientSampleId :
 R1-R2-A4-(0)

Tgt Ion:114 Resp: 2133744
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 37.0
 88 15.3 0.0 31.0

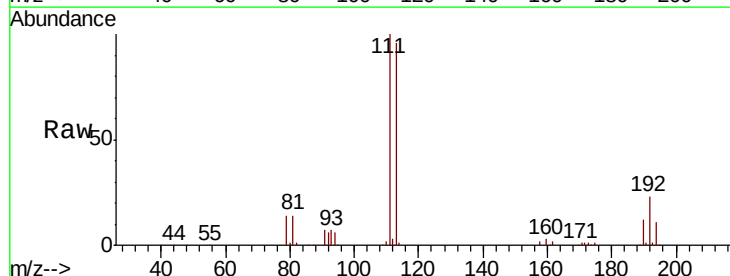


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

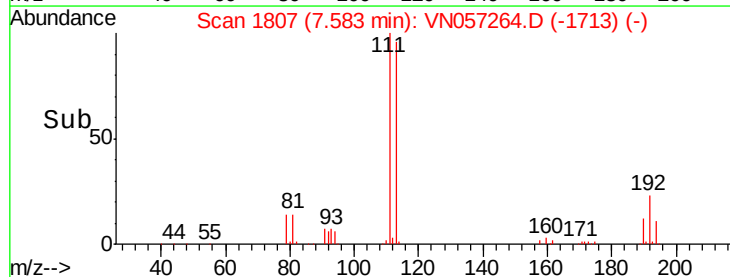
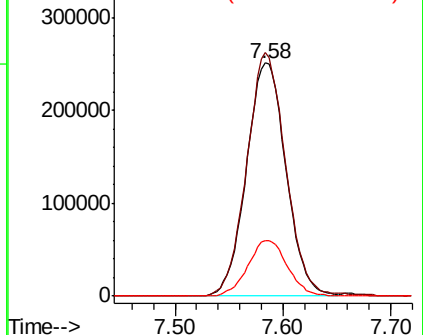


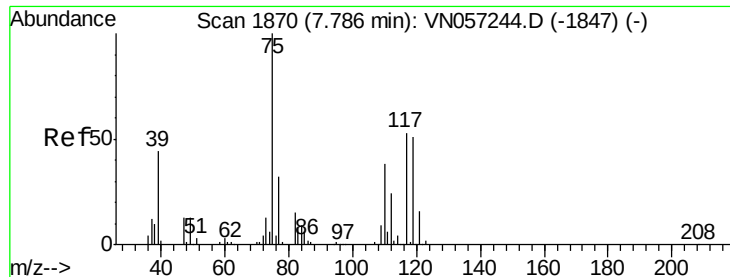
#35
 Dibromofluoromethane
 Concen: 46.999 ug/l
 RT: 7.58 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN057264.D
 Acq: 13 Aug 2019 22:39

Tgt Ion:113 Resp: 640335
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.4 122.2
 192 23.8 18.8 28.2



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: 4.947 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. -0.13 min

Lab File: VN057264.D

Acq: 13 Aug 2019 22:39

Instrument :

MSVOA_N

ClientSampleId :

R1-R2-A4-(0)

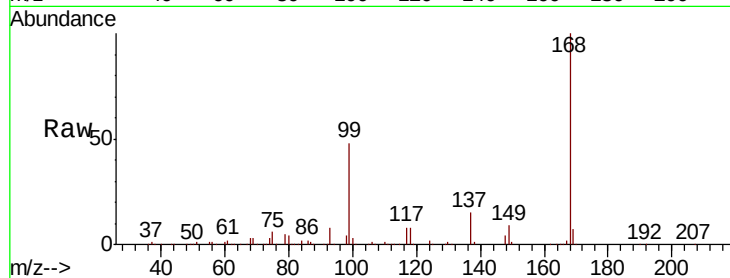
Tgt Ion: 75 Resp: 92279

Ion Ratio Lower Upper

75 100

110 3.7 19.1 57.1#

77 0.0 25.2 37.8#

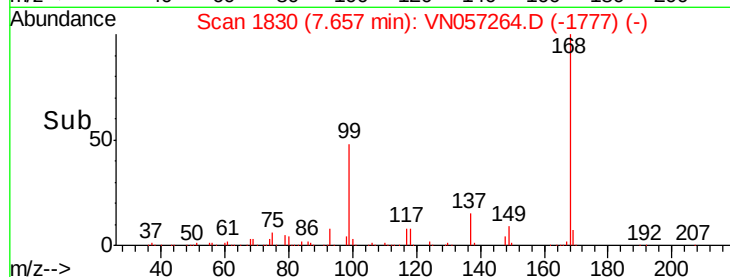


Abundance Ion 74.90 (74.60 to 75.60): VN057264.D (-1777) (-)

Ion 109.90 (109.60 to 110.60): VN057264.D (-1777) (-)

Ion 76.90 (76.60 to 77.60): VN057264.D (-1777) (-)

Time-->

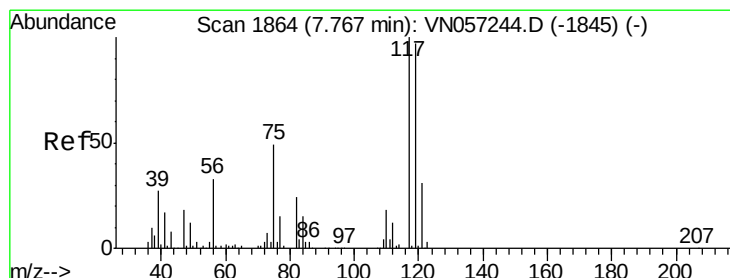


Abundance Ion 74.90 (74.60 to 75.60): VN057264.D (-1777) (-)

Ion 109.90 (109.60 to 110.60): VN057264.D (-1777) (-)

Ion 76.90 (76.60 to 77.60): VN057264.D (-1777) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 6.556 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.11 min

Lab File: VN057264.D

Acq: 13 Aug 2019 22:39

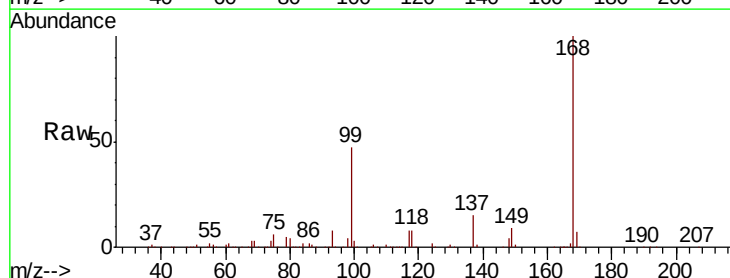
Tgt Ion: 117 Resp: 129916

Ion Ratio Lower Upper

117 100

119 5.0 77.8 116.6#

121 0.0 24.9 37.3#

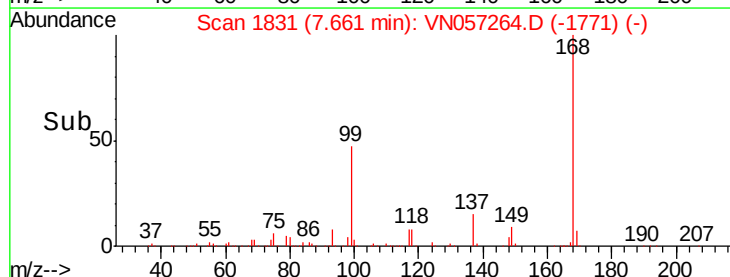


Abundance Ion 116.80 (116.50 to 117.50): VN057264.D (-1771) (-)

Ion 118.80 (118.50 to 119.50): VN057264.D (-1771) (-)

Ion 120.80 (120.50 to 121.50): VN057264.D (-1771) (-)

Time-->

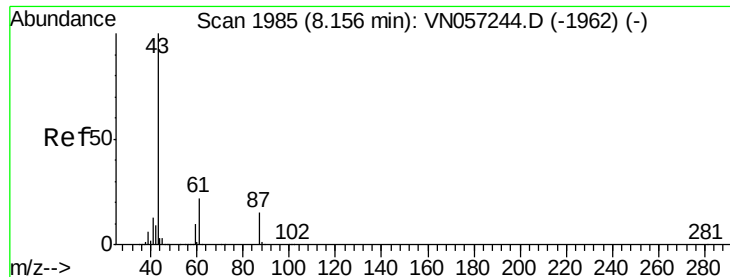


Abundance Ion 116.80 (116.50 to 117.50): VN057264.D (-1771) (-)

Ion 118.80 (118.50 to 119.50): VN057264.D (-1771) (-)

Ion 120.80 (120.50 to 121.50): VN057264.D (-1771) (-)

Time-->



#43

Isopropyl Acetate

Concen: 8.973 ug/l

RT: 8.16 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN057264.D

Acq: 13 Aug 2019 22:39

Instrument :

MSVOA_N

ClientSampleId :

R1-R2-A4-(0)

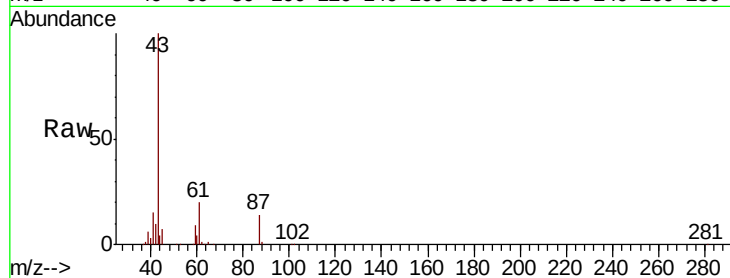
Tgt Ion: 43 Resp: 221586

Ion Ratio Lower Upper

43 100

61 18.3 23.5 35.3#

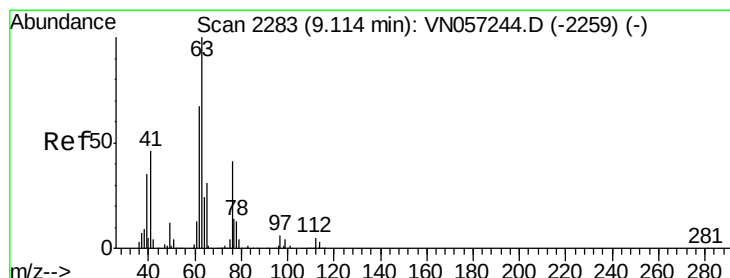
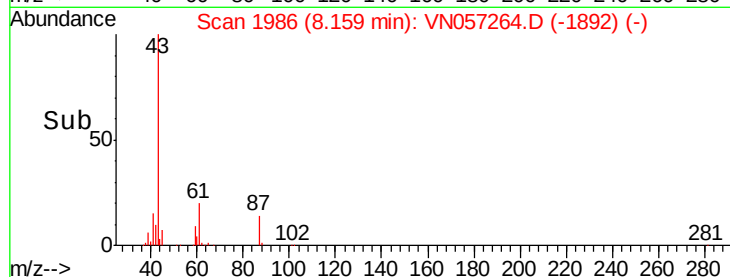
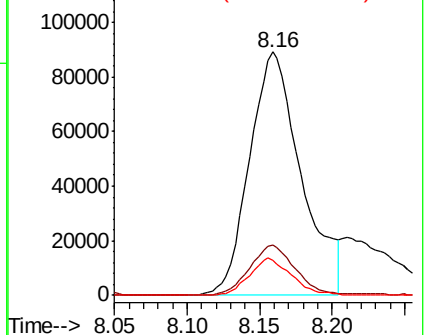
87 12.4 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VN057264.D (-1962) (-)

Ion 61.00 (60.70 to 61.70): VN057264.D (-1962) (-)

Ion 87.00 (86.70 to 87.70): VN057264.D (-1962) (-)



#45

1,2-Dichloropropane

Concen: 0.298 ug/l

RT: 9.26 min Scan# 2329

Delta R.T. 0.15 min

Lab File: VN057264.D

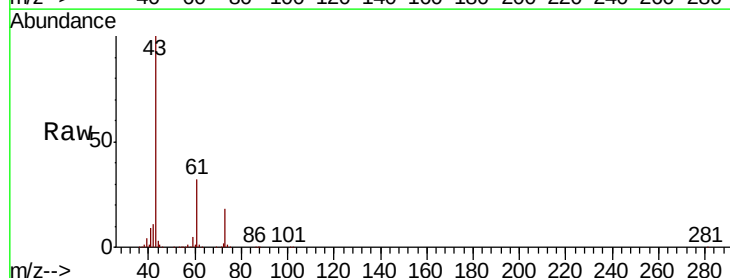
Acq: 13 Aug 2019 22:39

Tgt Ion: 63 Resp: 4278

Ion Ratio Lower Upper

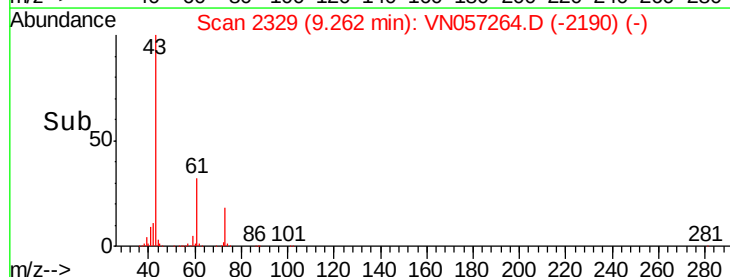
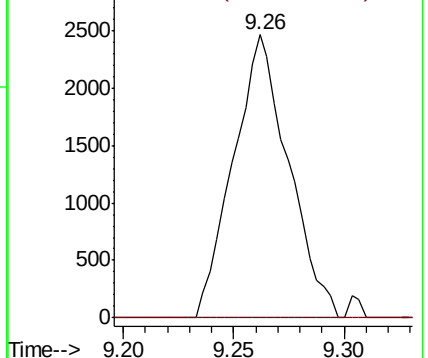
63 100

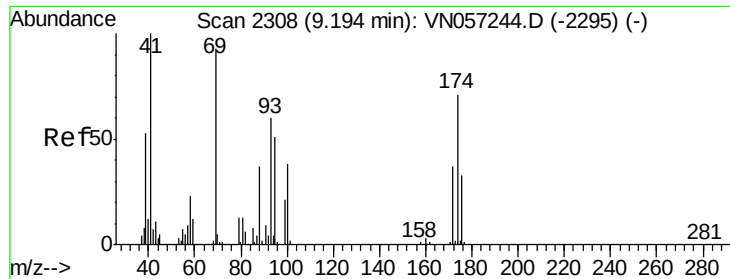
65 0.0 25.0 37.4#



Abundance Ion 62.90 (62.60 to 63.60): VN057264.D (-2190) (-)

Ion 64.90 (64.60 to 65.60): VN057264.D (-2190) (-)

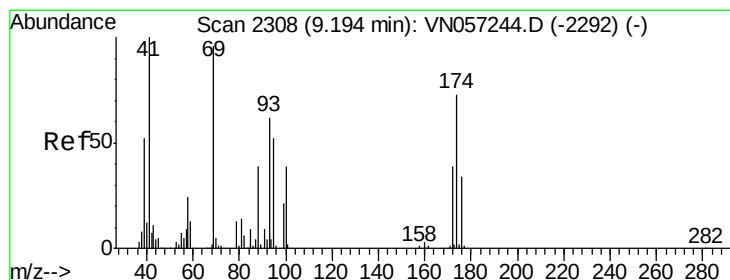
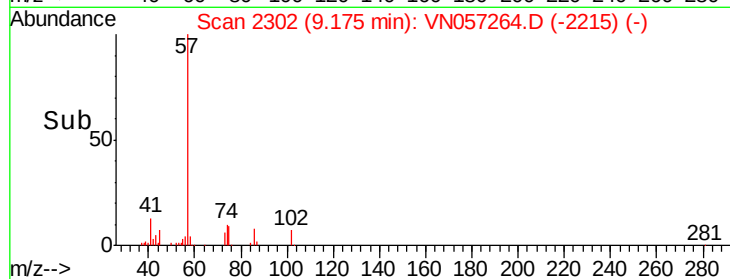
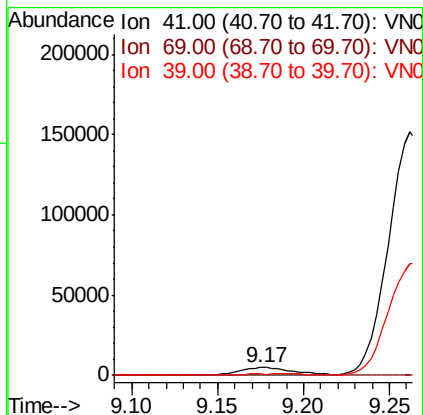
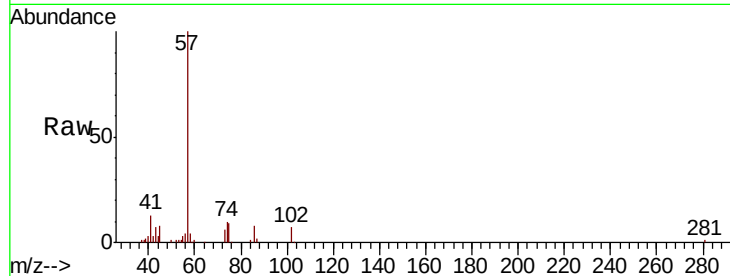




#48
Methyl methacrylate
Concen: 0.965 ug/l
RT: 9.17 min Scan# 2302
Delta R.T. -0.02 min
Lab File: VN057264.D
Acq: 13 Aug 2019 22:39

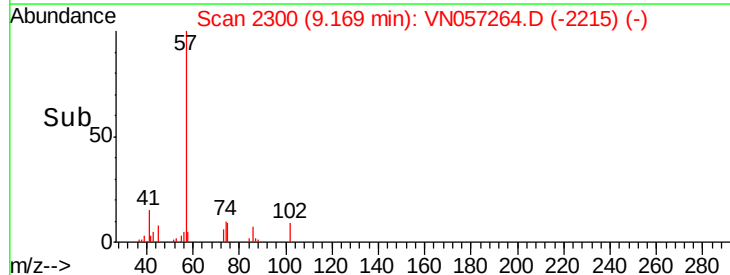
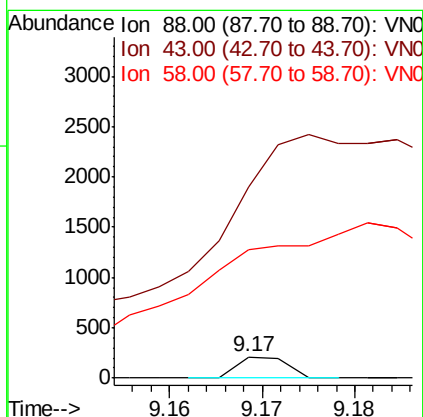
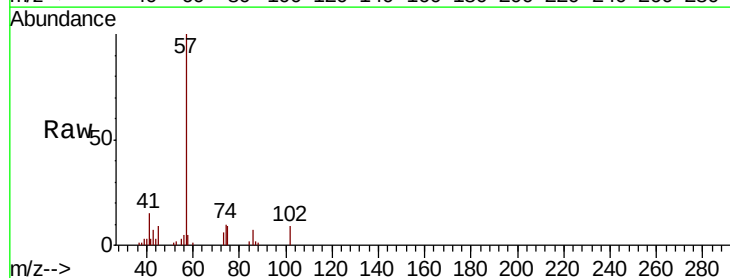
Instrument :
MSVOA_N
ClientSampleId :
R1-R2-A4-(0)

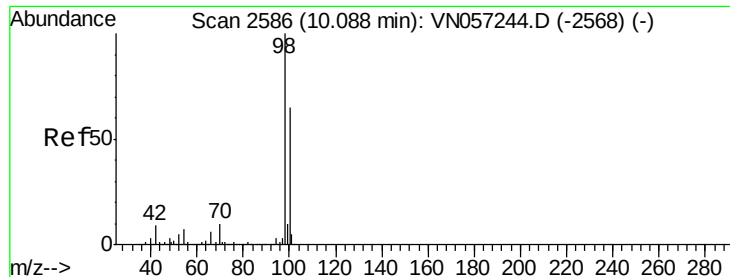
Tgt Ion: 41 Resp: 11027
Ion Ratio Lower Upper
41 100
69 0.0 75.7 113.5#
39 0.0 43.3 64.9#



#49
1,4-Dioxane
Concen: 0.303 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. -0.03 min
Lab File: VN057264.D
Acq: 13 Aug 2019 22:39

Tgt Ion: 88 Resp: 78
Ion Ratio Lower Upper
88 100
43 0.0 20.7 31.1#
58 4607.7 52.0 78.0#





#50

Toluene-d8

Concen: 49.857 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN057264.D

Acq: 13 Aug 2019 22:39

Instrument :

MSVOA_N

ClientSampleId :

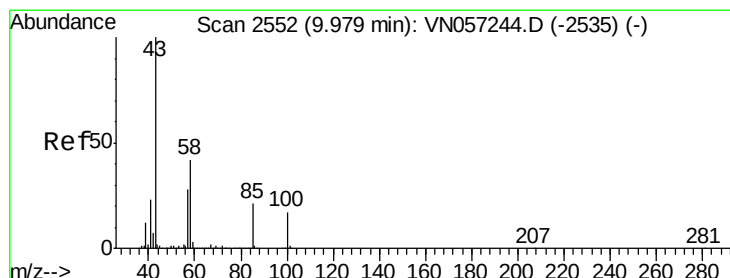
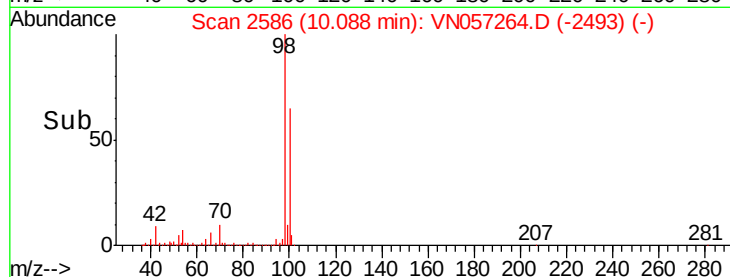
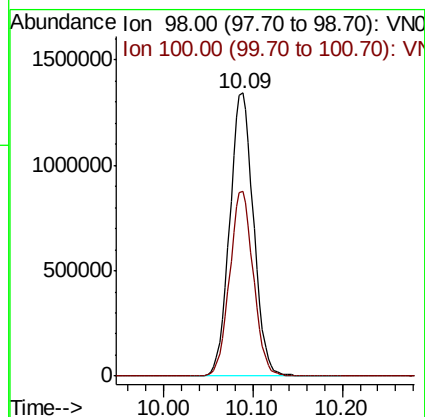
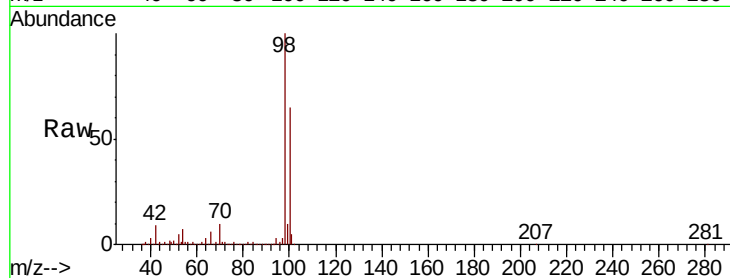
R1-R2-A4-(0)

Tgt Ion: 98 Resp: 2477546

Ion Ratio Lower Upper

98 100

100 64.9 51.8 77.6



#51

4-Methyl-2-Pentanone

Concen: 0.756 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. -0.00 min

Lab File: VN057264.D

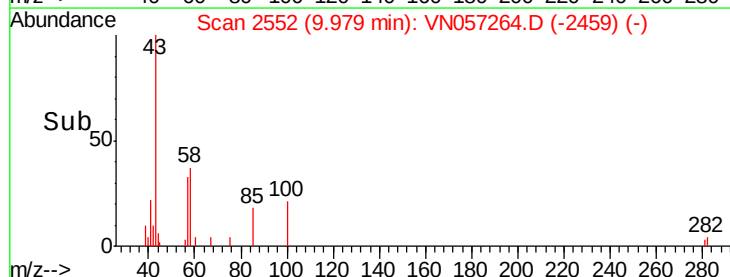
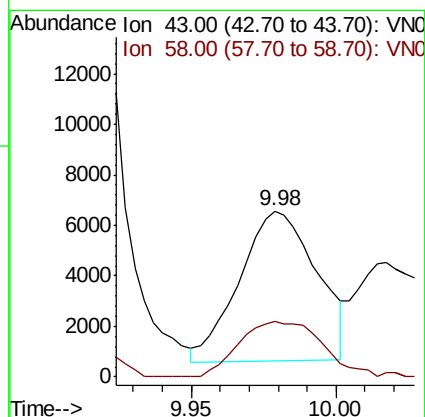
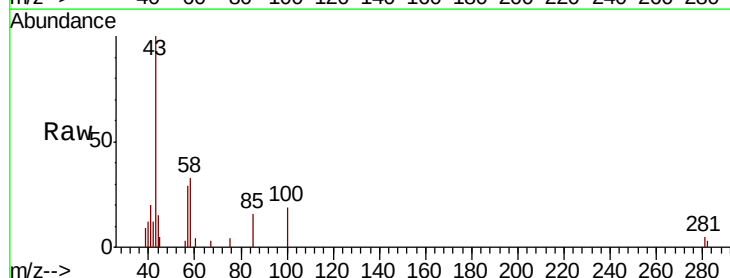
Acq: 13 Aug 2019 22:39

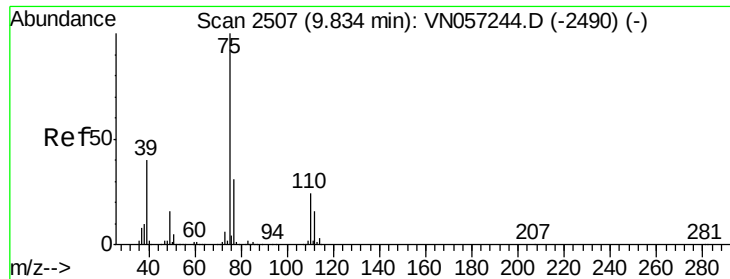
Tgt Ion: 43 Resp: 10959

Ion Ratio Lower Upper

43 100

58 39.7 33.7 50.5





#54

cis-1,3-Dichloropropene

Concen: 4.282 ug/l

RT: 9.90 min Scan# 2528

Delta R.T. 0.07 min

Lab File: VN057264.D

Acq: 13 Aug 2019 22:39

Instrument :

MSVOA_N

ClientSampleId :

R1-R2-A4-(0)

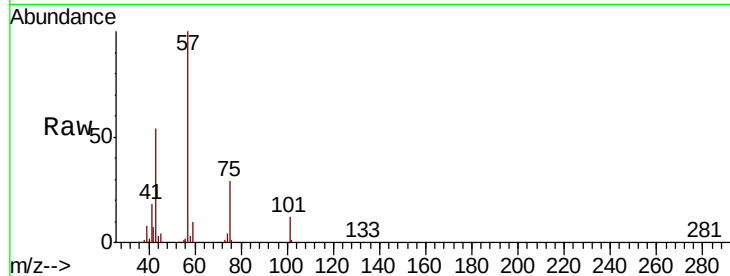
Tgt Ion: 75 Resp: 96333

Ion Ratio Lower Upper

75 100

77 0.6 25.0 37.6#

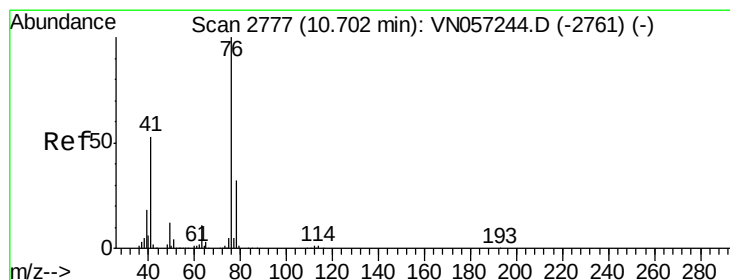
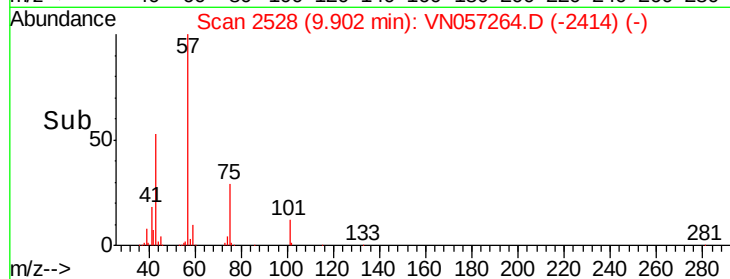
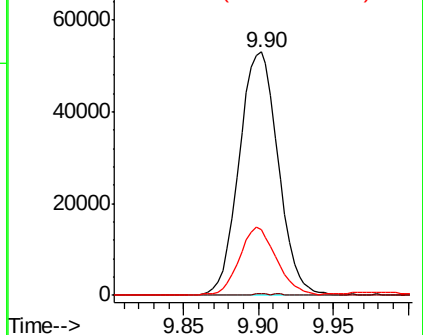
39 27.0 32.3 48.5#



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-Dichloropropene

Concen: 0.719 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.06 min

Lab File: VN057264.D

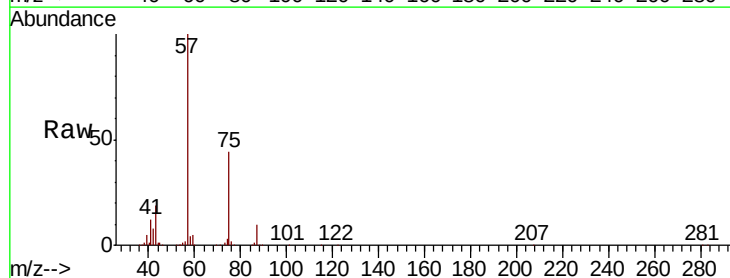
Acq: 13 Aug 2019 22:39

Tgt Ion: 76 Resp: 16332

Ion Ratio Lower Upper

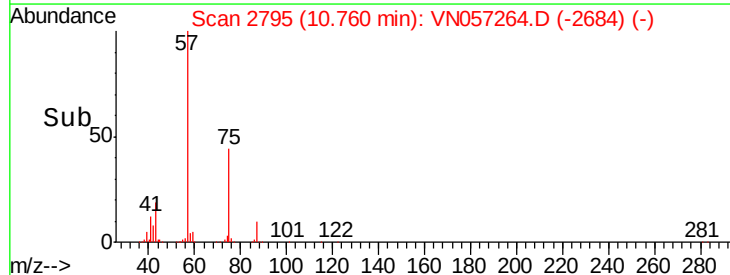
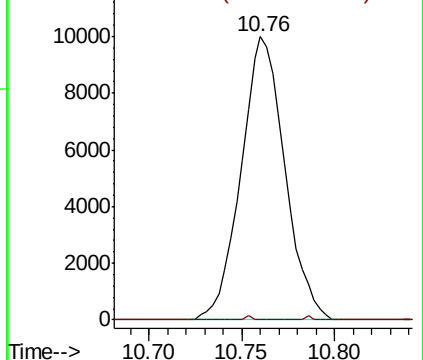
76 100

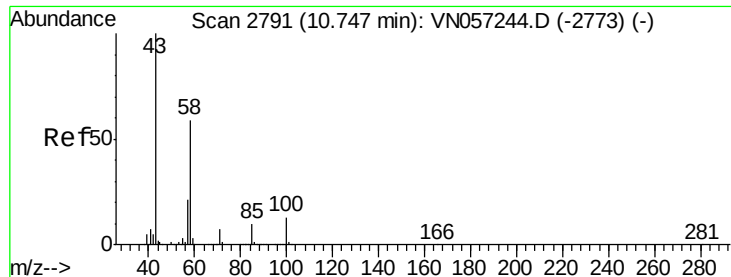
78 0.2 26.0 39.0#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

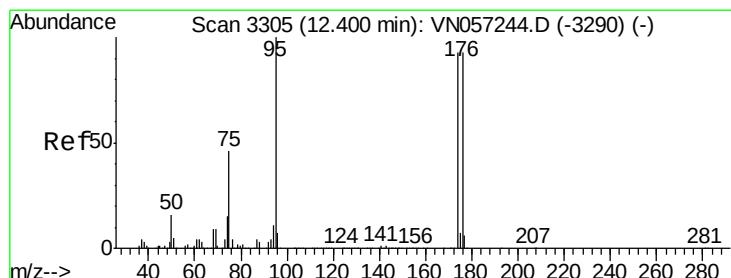
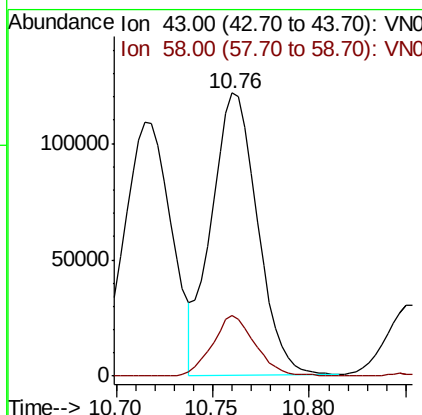
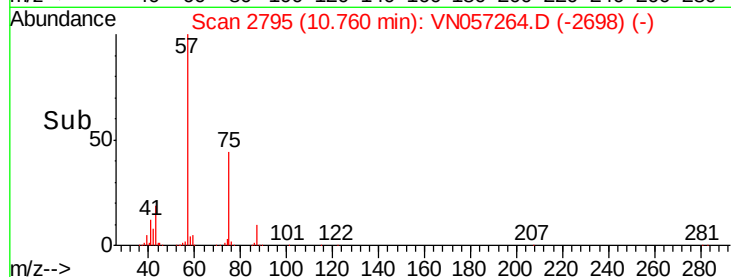
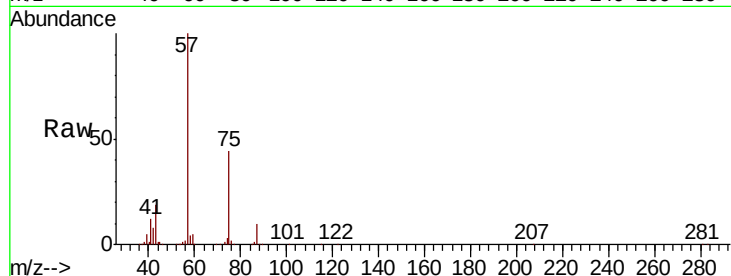




#59
2-Hexanone
Concen: 19.532 ug/l
RT: 10.76 min Scan# 2795
Delta R.T. 0.01 min
Lab File: VN057264.D
Acq: 13 Aug 2019 22:39

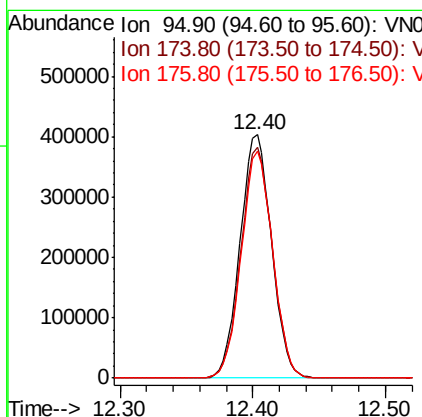
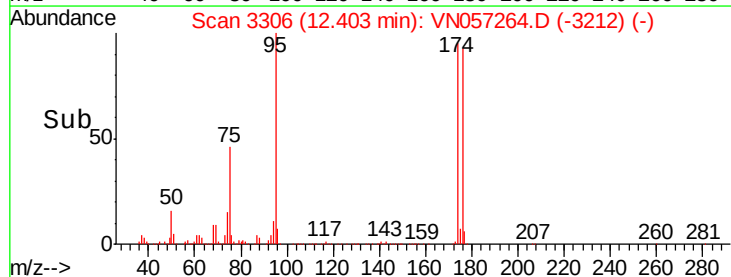
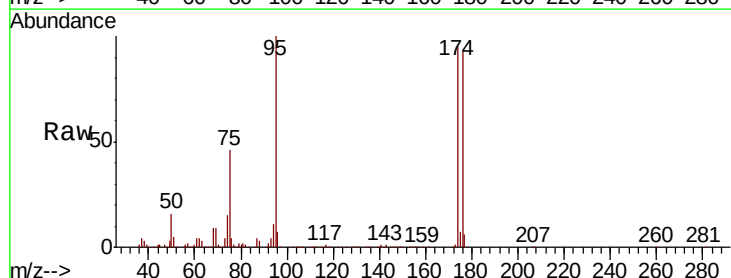
Instrument :
MSVOA_N
ClientSampled :
R1-R2-A4-(0)

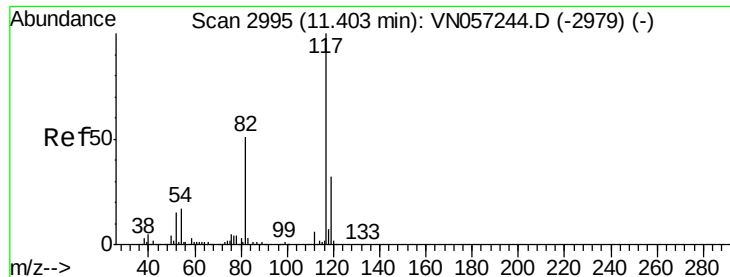
Tgt Ion: 43 Resp: 200955
Ion Ratio Lower Upper
43 100
58 20.1 29.1 87.4#



#62
4-Bromofluorobenzene
Concen: 39.025 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057264.D
Acq: 13 Aug 2019 22:39

Tgt Ion: 95 Resp: 665065
Ion Ratio Lower Upper
95 100
174 94.8 0.0 187.6
176 93.0 0.0 185.8

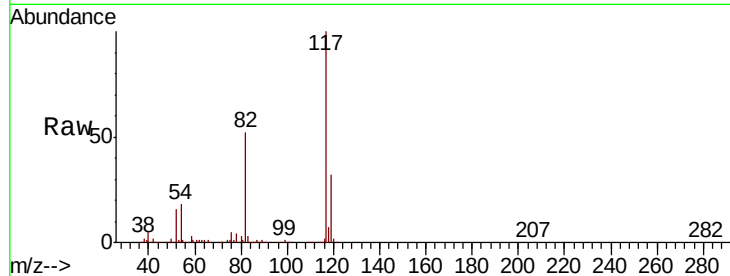




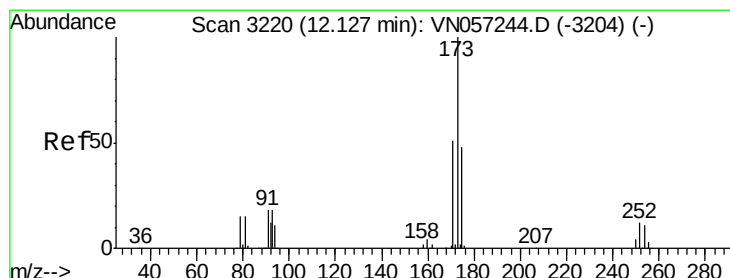
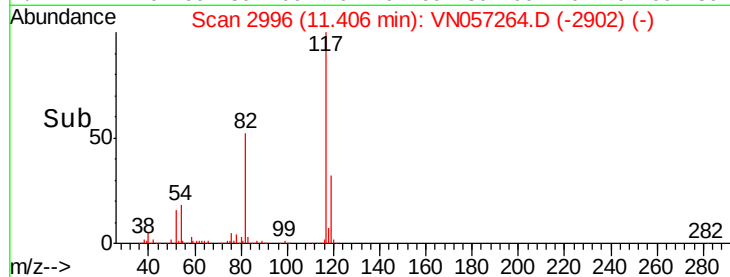
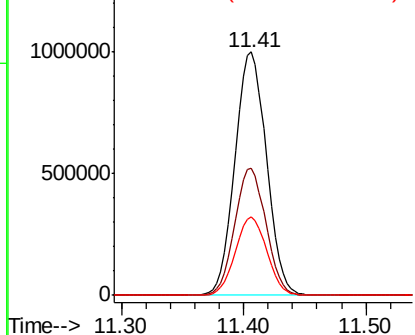
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057264.D
Acq: 13 Aug 2019 22:39

Instrument :
MSVOA_N
ClientSampleId :
R1-R2-A4-(0)

Tgt Ion:117 Resp: 1788692
Ion Ratio Lower Upper
117 100
82 52.2 40.9 61.3
119 32.3 25.4 38.2

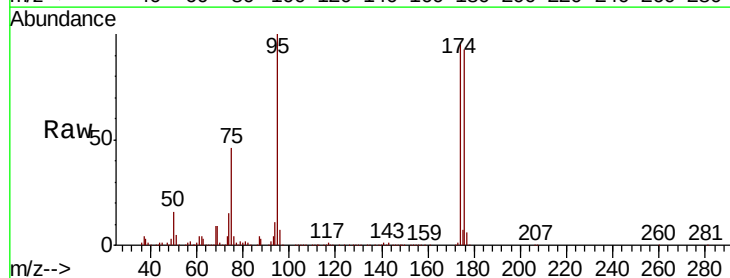


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

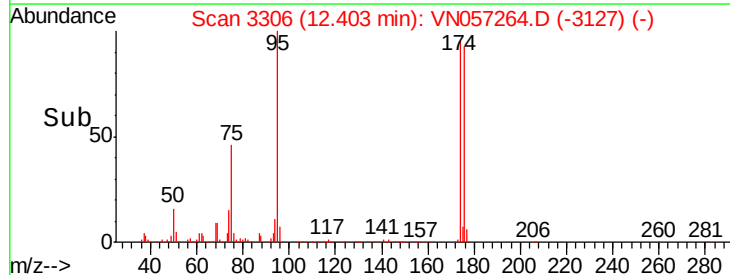
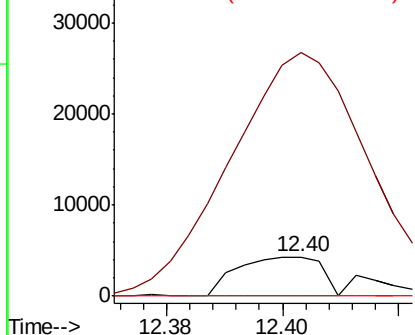


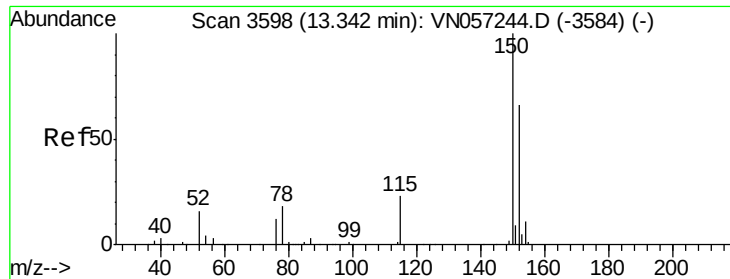
#71
Bromoform
Concen: 0.402 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN057264.D
Acq: 13 Aug 2019 22:39

Tgt Ion:173 Resp: 4358
Ion Ratio Lower Upper
173 100
175 869.2 24.4 73.2#
254 0.0 0.2 0.2#



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

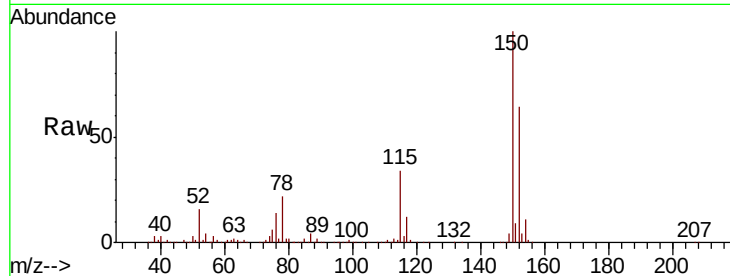




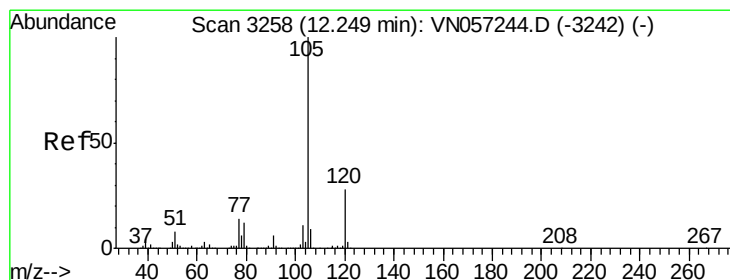
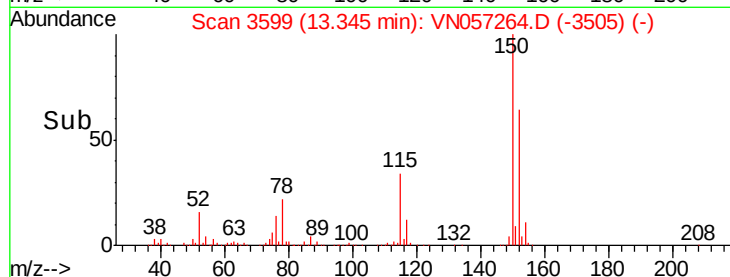
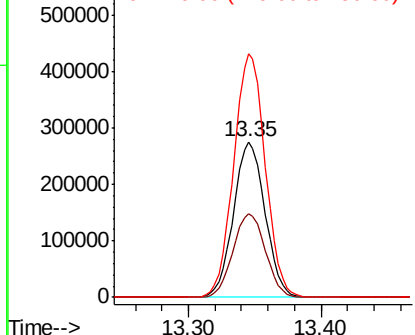
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3599
 Delta R.T. 0.00 min
 Lab File: VN057264.D
 Acq: 13 Aug 2019 22:39

Instrument :
 MSVOA_N
 ClientSampleId :
 R1-R2-A4-(0)

Tgt Ion:152 Resp: 453837
 Ion Ratio Lower Upper
 152 100
 115 55.6 27.6 82.8
 150 156.5 0.0 348.4

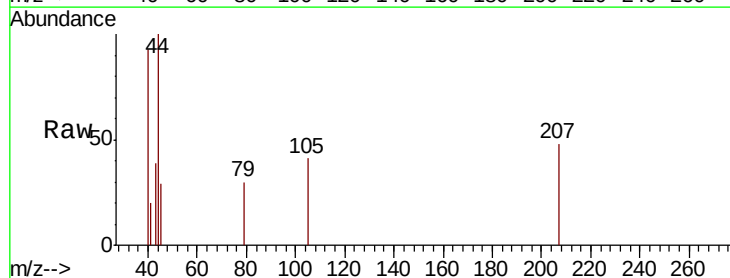


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

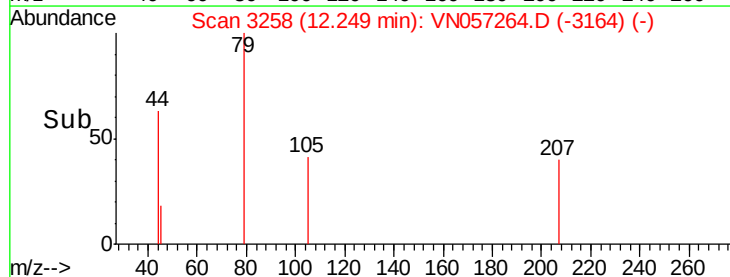
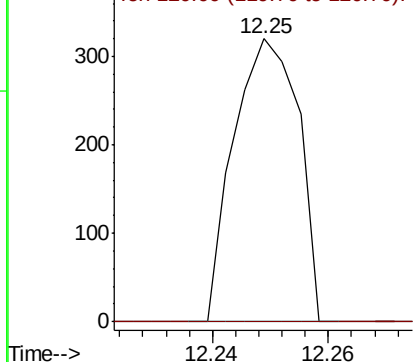


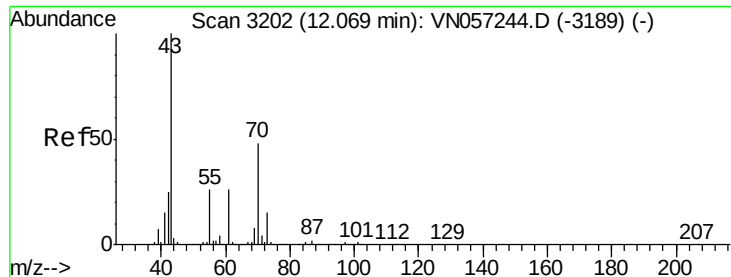
#73
 Isopropylbenzene
 Concen: Below Cal
 RT: 12.25 min Scan# 3258
 Delta R.T. 0.00 min
 Lab File: VN057264.D
 Acq: 13 Aug 2019 22:39

Tgt Ion:105 Resp: 247
 Ion Ratio Lower Upper
 105 100
 120 0.0 13.8 41.3#



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#74

N-amyI acetate

Concen: Below Cal

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN057264.D

Acq: 13 Aug 2019 22:39

Instrument :

MSVOA_N

ClientSampleId :

R1-R2-A4-(0)

Tgt Ion: 43 Resp: 8274

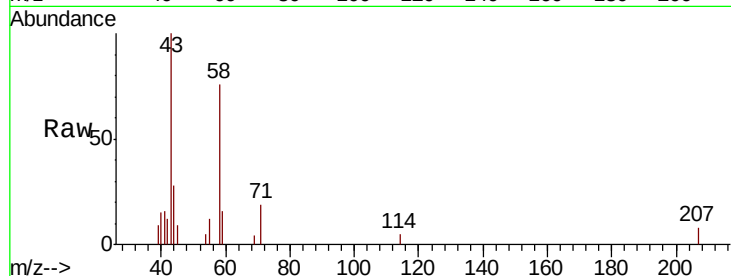
Ion Ratio Lower Upper

43 100

70 0.0 37.4 56.2#

55 5.4 21.0 31.4#

61 0.0 20.9 31.3#

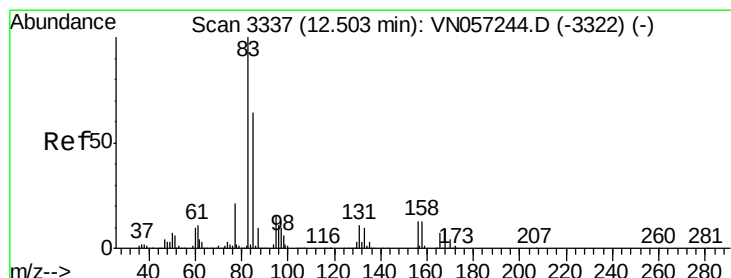
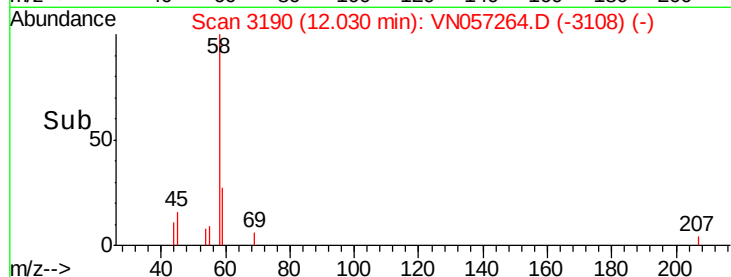
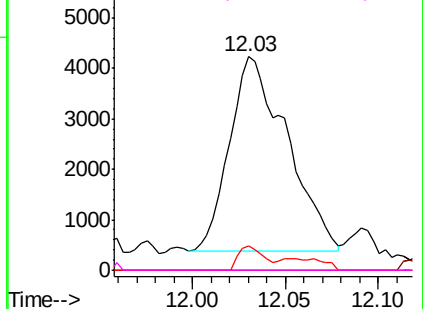


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.40 min Scan# 3306

Delta R.T. -0.10 min

Lab File: VN057264.D

Acq: 13 Aug 2019 22:39

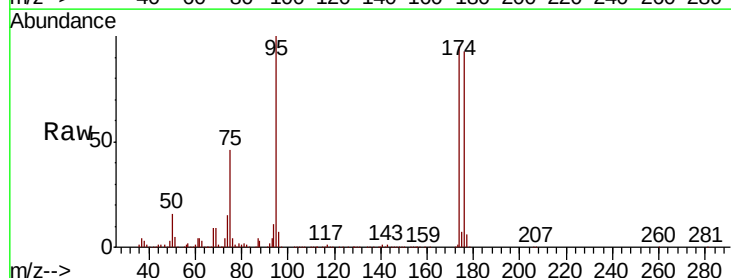
Tgt Ion: 83 Resp: 299

Ion Ratio Lower Upper

83 100

131 311.0 5.6 16.8#

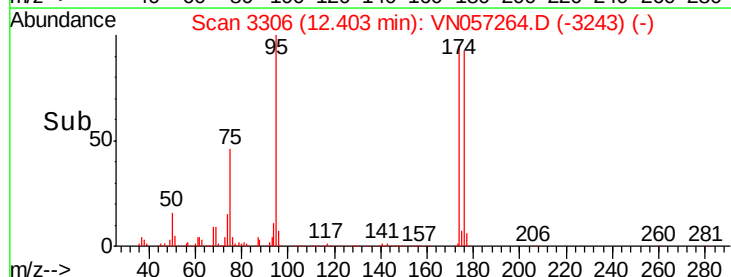
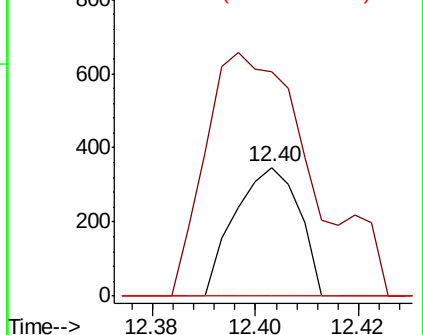
85 0.0 32.3 96.8#

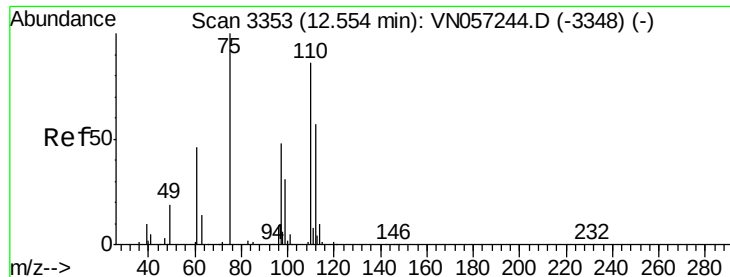


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 37.343 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN057264.D

Acq: 13 Aug 2019 22:39

Instrument :

MSVOA_N

ClientSampleId :

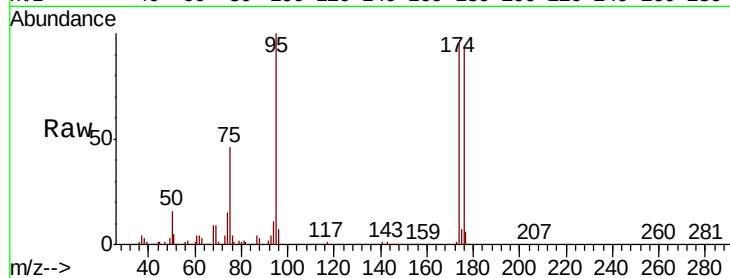
R1-R2-A4-(0)

Tgt Ion: 75 Resp: 303730

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.40

200000

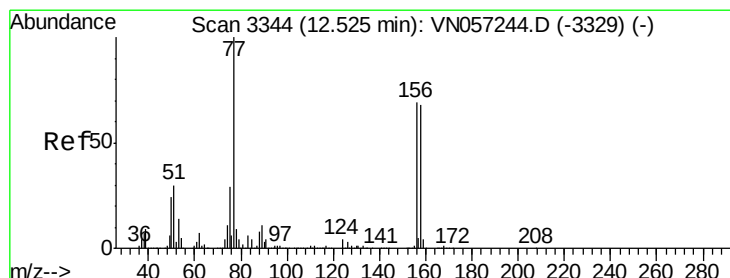
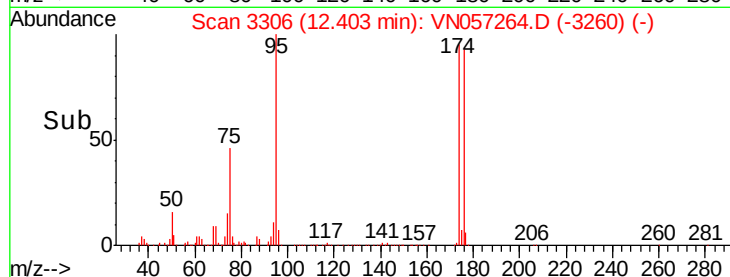
150000

100000

50000

0

Time-->



#77

Bromobenzene

Concen: Below Cal

RT: 12.41 min Scan# 3307

Delta R.T. -0.12 min

Lab File: VN057264.D

Acq: 13 Aug 2019 22:39

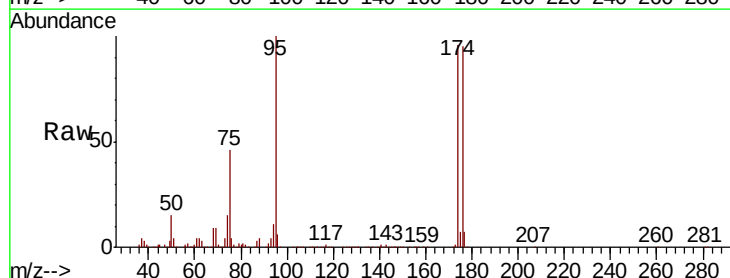
Tgt Ion: 156 Resp: 329

Ion Ratio Lower Upper

156 100

77 1180.5 88.0 264.1#

158 0.0 49.4 148.0#



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

3000

2500

2000

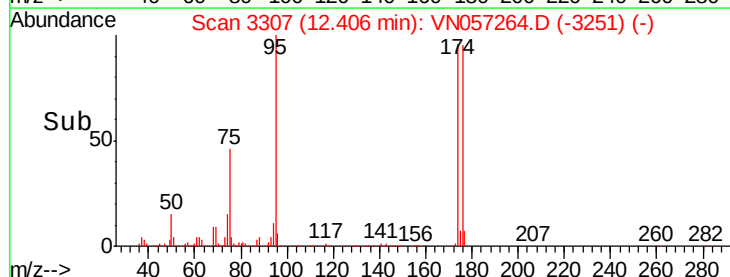
1500

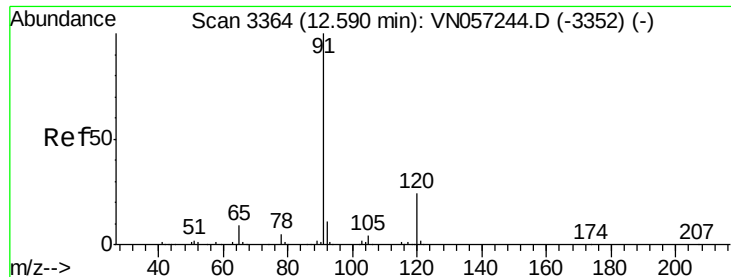
1000

500

0

Time-->





#78

n-propylbenzene

Concen: Below Cal

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN057264.D

Acq: 13 Aug 2019 22:39

Instrument :

MSVOA_N

ClientSampled :

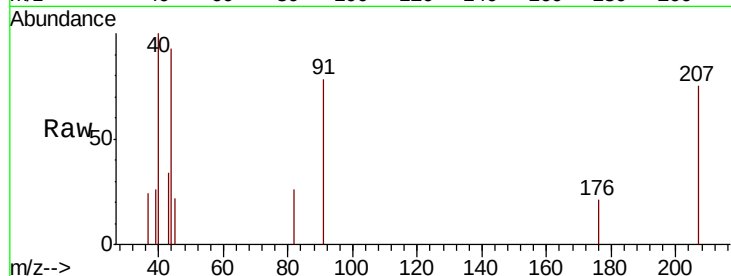
R1-R2-A4-(0)

Tgt Ion: 91 Resp: 407

Ion Ratio Lower Upper

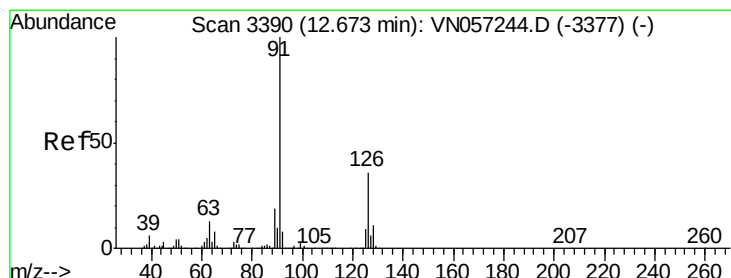
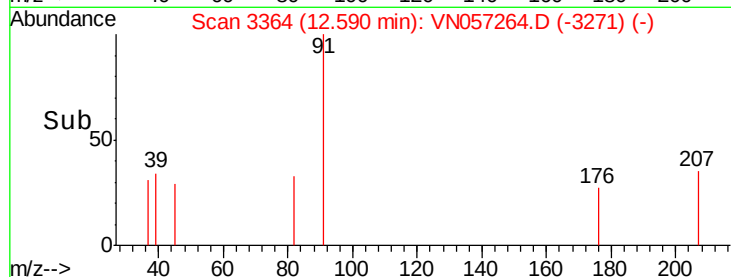
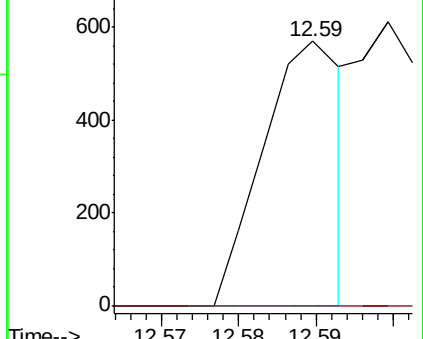
91 100

120 17.4 12.1 36.3



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: 12.78 min Scan# 3422

Delta R.T. 0.10 min

Lab File: VN057264.D

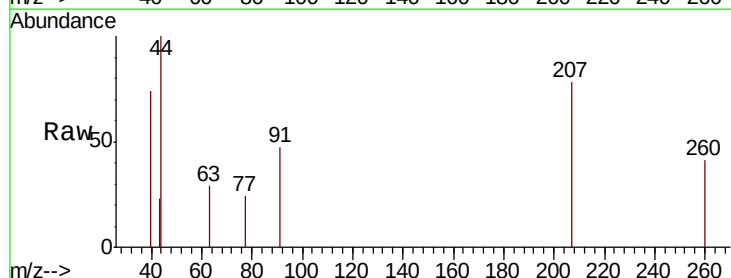
Acq: 13 Aug 2019 22:39

Tgt Ion: 91 Resp: 424

Ion Ratio Lower Upper

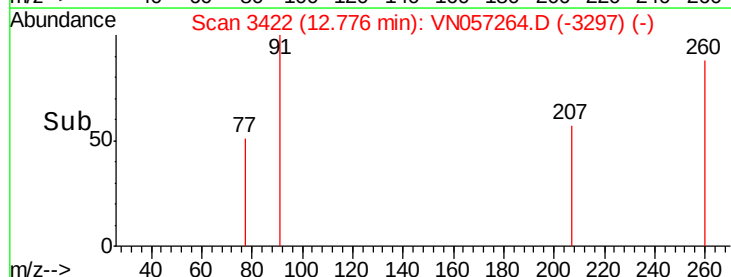
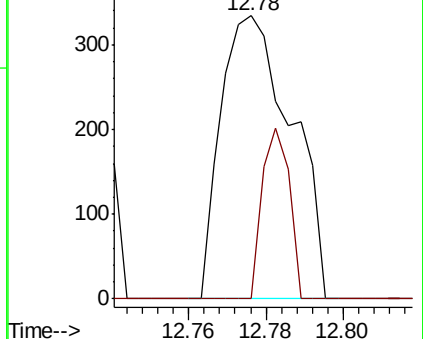
91 100

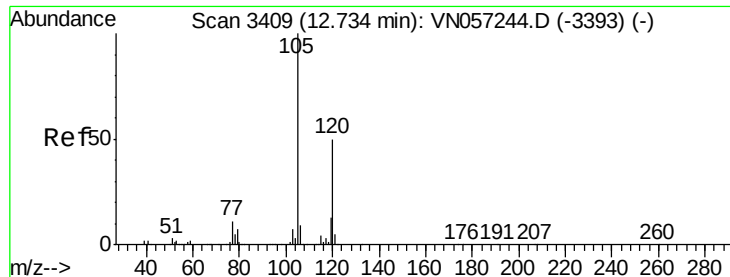
126 23.1 18.0 54.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN057264.D

Acq: 13 Aug 2019 22:39

Instrument :

MSVOA_N

ClientSampleId :

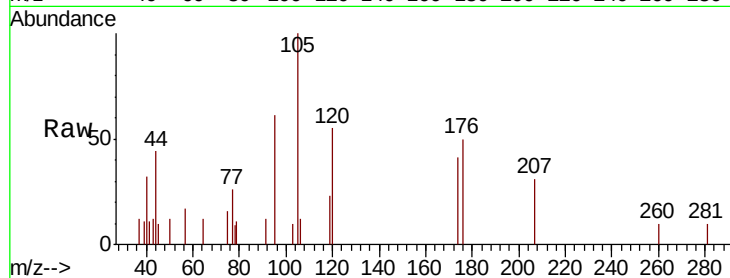
R1-R2-A4-(0)

Tgt Ion: 105 Resp: 2861

Ion Ratio Lower Upper

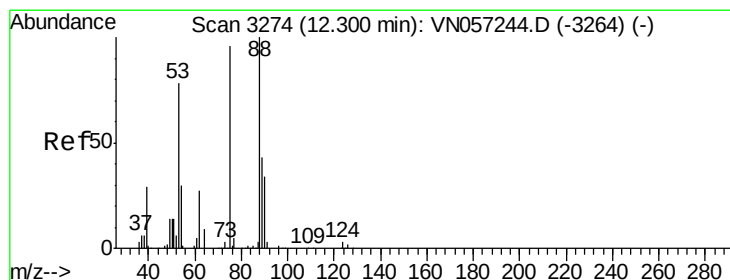
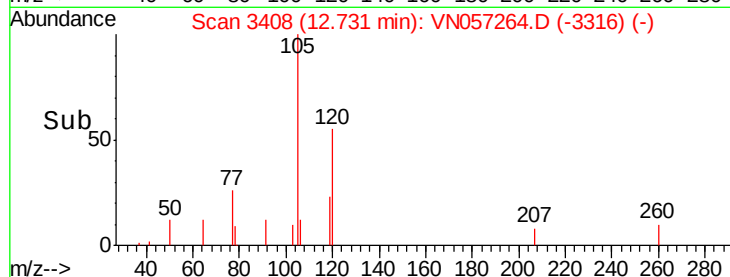
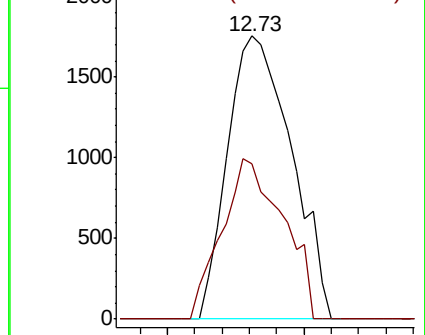
105 100

120 54.4 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 89.892 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN057264.D

Acq: 13 Aug 2019 22:39

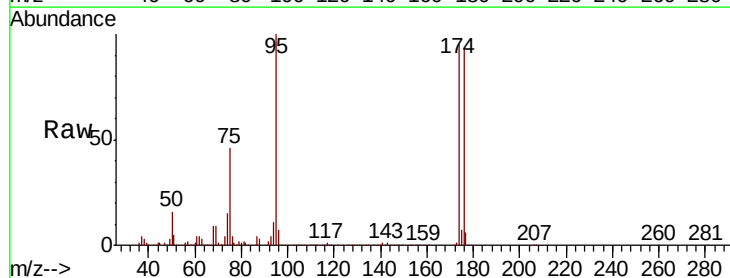
Tgt Ion: 75 Resp: 303730

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.6#

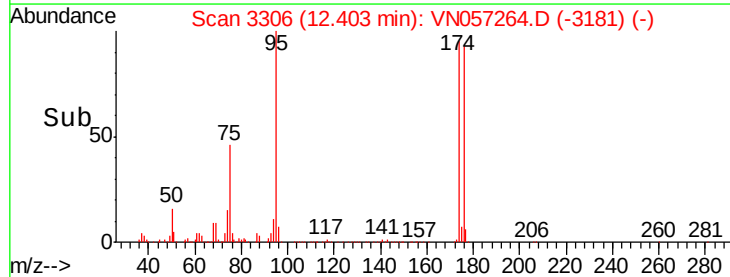
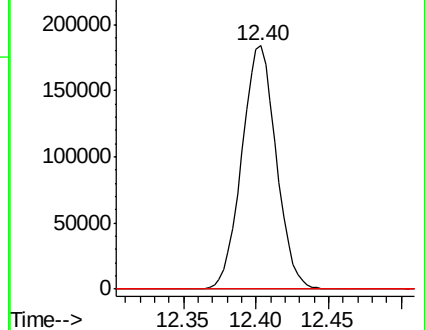
89 0.0 36.7 55.1#

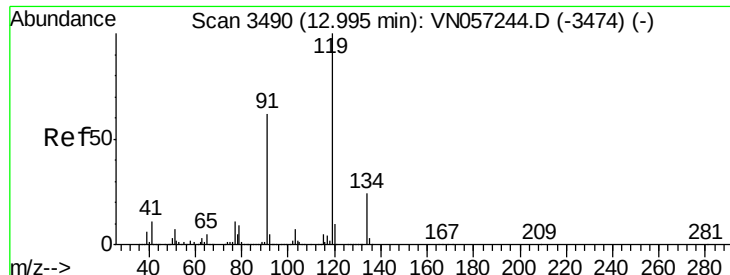


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

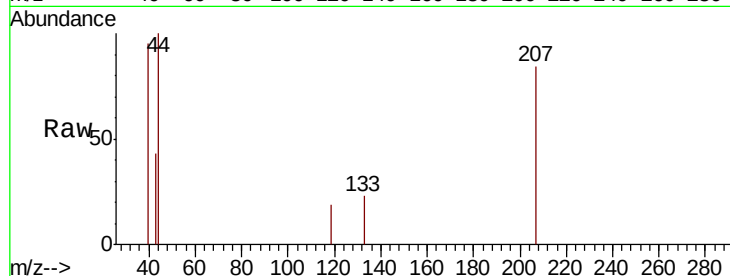




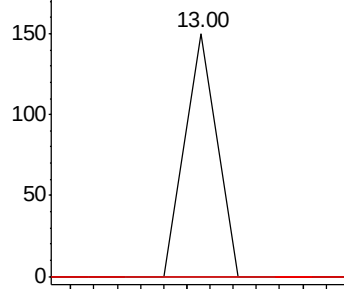
#83
tert-Butylbenzene
Concen: Below Cal
RT: 13.00 min Scan# 3492
Delta R.T. 0.01 min
Lab File: VN057264.D
Acq: 13 Aug 2019 22:39

Instrument :
MSVOA_N
ClientSampleId :
R1-R2-A4-(0)

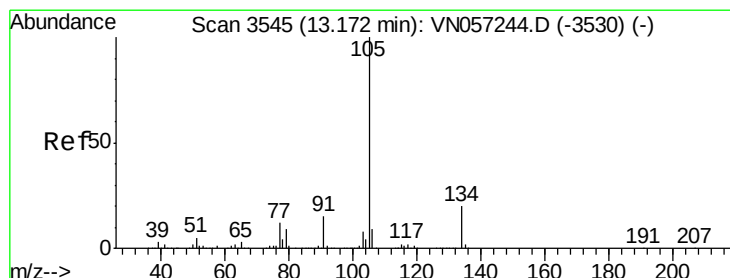
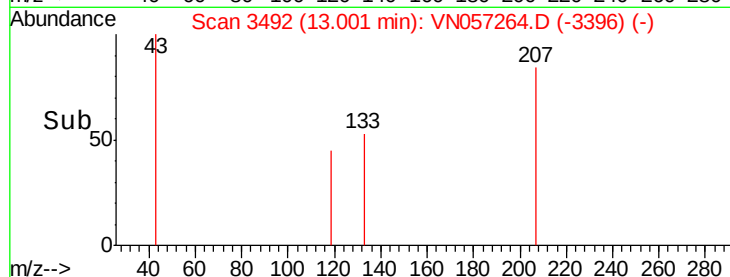
Tgt Ion	Ratio	Lower	Upper
119	100		
91	0.0	30.8	92.3#
134	0.0	12.9	38.7#



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

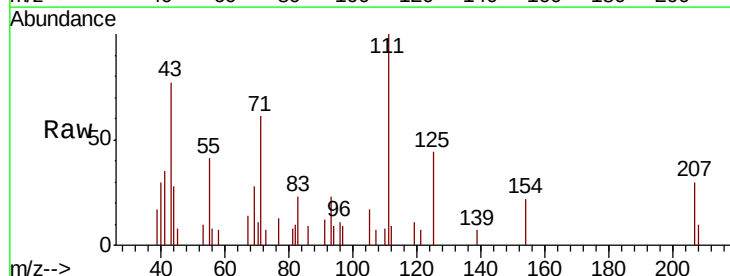


Time--> 12.99 13.00 13.01

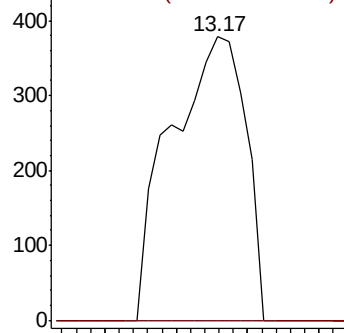


#85
sec-Butylbenzene
Concen: Below Cal
RT: 13.17 min Scan# 3545
Delta R.T. 0.00 min
Lab File: VN057264.D
Acq: 13 Aug 2019 22:39

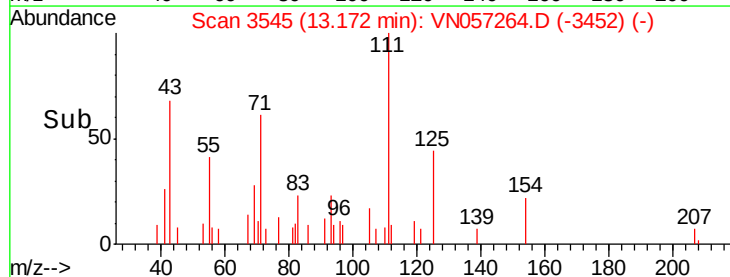
Tgt Ion	Ratio	Lower	Upper
105	100		
134	0.0	10.4	31.2#

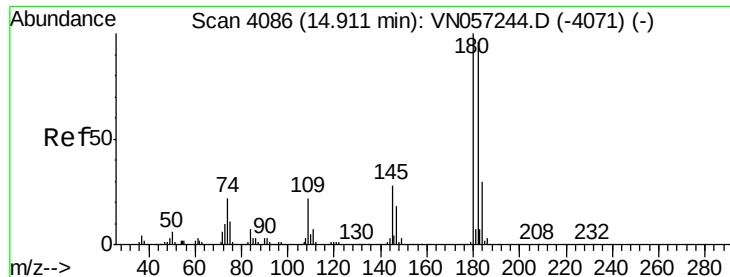


Abundance Ion 105.00 (104.70 to 105.70): V
Ion 134.00 (133.70 to 134.70): V



Time--> 13.14 13.16 13.18 13.20

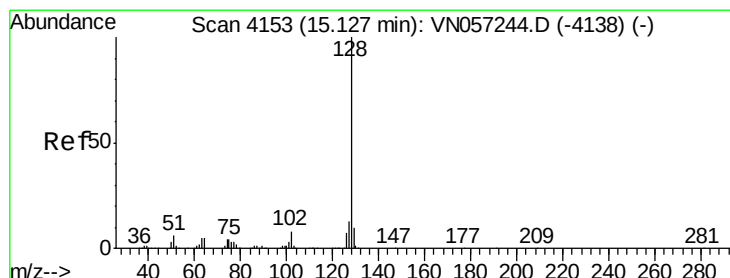
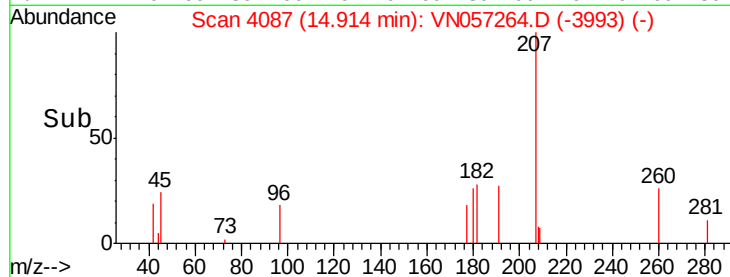
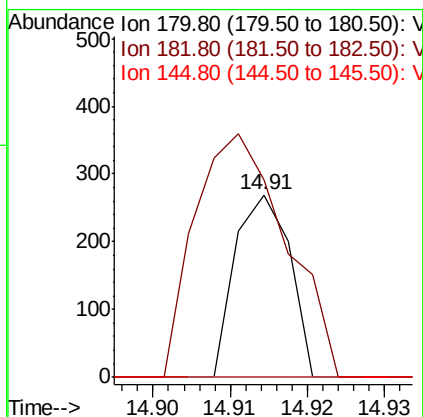
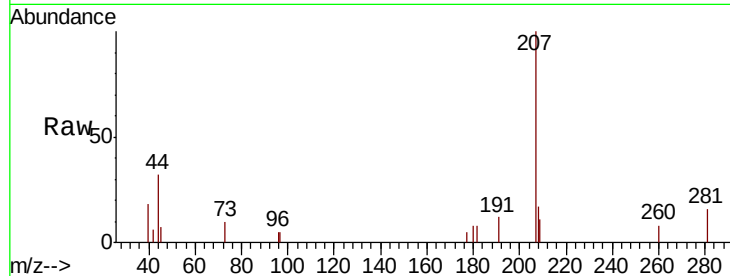




#93
 1,2,4-Trichlorobenzene
 Concen: 3.266 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN057264.D
 Acq: 13 Aug 2019 22:39

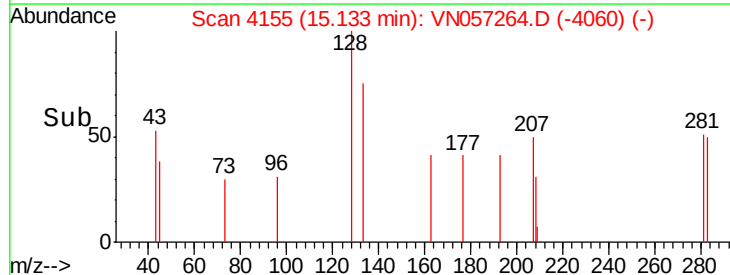
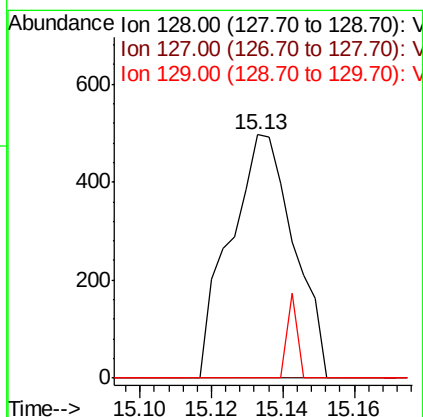
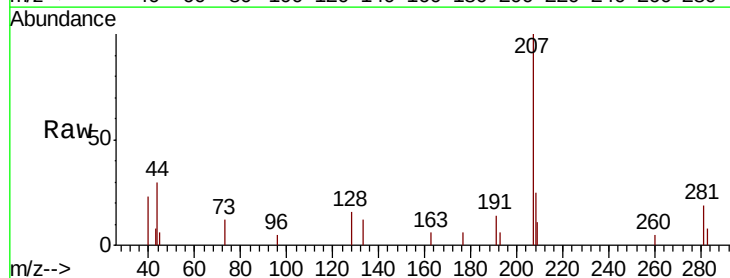
Instrument :
 MSVOA_N
 ClientSampleId :
 R1-R2-A4-(0)

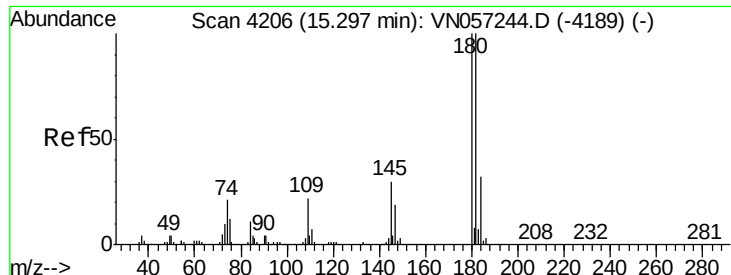
Tgt Ion:180 Resp: 132
 Ion Ratio Lower Upper
 180 100
 182 222.0 47.7 143.1#
 145 0.0 14.2 42.6#



#95
 Naphthalene
 Concen: Below Cal
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.01 min
 Lab File: VN057264.D
 Acq: 13 Aug 2019 22:39

Tgt Ion:128 Resp: 613
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.4 15.6#
 129 5.5 8.5 12.7#

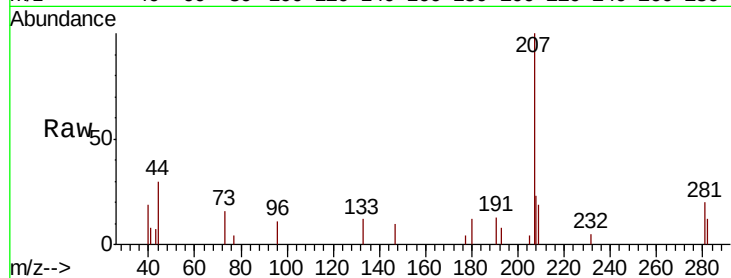




#96
 1,2,3-Trichlorobenzene
 Concen: 4.321 ug/l
 RT: 15.30 min Scan# 4207
 Delta R.T. 0.00 min
 Lab File: VN057264.D
 Acq: 13 Aug 2019 22:39

Instrument :
 MSVOA_N
 ClientSampleId :
 R1-R2-A4-(0)

Tgt Ion	Ratio	Lower	Upper
180	100		
182	13.6	48.9	146.7#
145	0.0	15.0	45.1#



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

