

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081319\
 Data File : VN057268.D
 Acq On : 14 Aug 2019 00:16
 Operator : JC/SP
 Sample : K4266-17
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 R1-R2-C1-(4.3)

Quant Time: Aug 14 06:35:50 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	1563622	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	2184510	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1841759	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	468366	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	714574	45.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.60%	
35) Dibromofluoromethane	7.58	113	645977	46.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.62%	
50) Toluene-d8	10.09	98	2547057	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
62) 4-Bromofluorobenzene	12.40	95	677044	38.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.41	74	1762	0.213	ug/l	64
11) Tert butyl alcohol	4.74	59	3628	1.708	ug/l #	87
16) Acetone	3.82	43	29531	5.461	ug/l	96
18) Methyl Acetate	4.32	43	47530	2.299	ug/l	97
20) Methylene Chloride	4.54	84	47891	3.032	ug/l	92
25) 2-Butanone	6.83	43	2775	0.361	ug/l #	87
29) Tetrahydrofuran	7.20	42	993	0.202	ug/l #	69
31) Cyclohexane	7.65	56	21398	0.958	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	92654	4.851	ug/l #	48
38) Carbon Tetrachloride	7.66	117	129292	6.373	ug/l #	16
43) Isopropyl Acetate	8.16	43	445459	17.620	ug/l #	69
45) 1,2-Dichloropropane	9.26	63	4609	0.314	ug/l #	43
48) Methyl methacrylate	9.18	41	12150	1.039	ug/l #	10
49) 1,4-Dioxane	9.25	88	413	1.567	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	14393	0.970	ug/l	91
54) cis-1,3-Dichloropropene	9.90	75	100845	4.378	ug/l #	60
57) 1,3-Dichloropropane	10.76	76	15861	0.682	ug/l #	42
59) 2-Hexanone	10.76	43	202863	19.260	ug/l #	50
71) Bromoform	12.40	173	5826	0.522	ug/l #	1
73) Isopropylbenzene	12.25	105	239	Below Cal	#	47
74) N-amyl acetate	12.03	43	8149	Below Cal	#	44
75) 1,1,2,2-Tetrachloroethane	12.41	83	204	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	314428	37.471	ug/l #	100
77) Bromobenzene	12.40	156	261	Below Cal	#	1
78) n-propylbenzene	12.59	91	417	Below Cal	#	51
79) 2-Chlorotoluene	12.68	91	203	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	12.69	105	112	Below Cal		87
81) trans-1,4-Dichloro-2-buten	12.40	75	314428	90.172	ug/l #	16
83) tert-Butylbenzene	13.00	119	133	Below Cal	#	28
85) sec-Butylbenzene	13.17	105	419	Below Cal	#	55
93) 1,2,4-Trichlorobenzene	14.91	180	70	3.256	ug/l #	16
94) Hexachlorobutadiene	15.01	225	132	Below Cal	#	19
95) Naphthalene	15.13	128	519	Below Cal	#	69

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QLast Update : Wed Aug 14 06:25:03 2019
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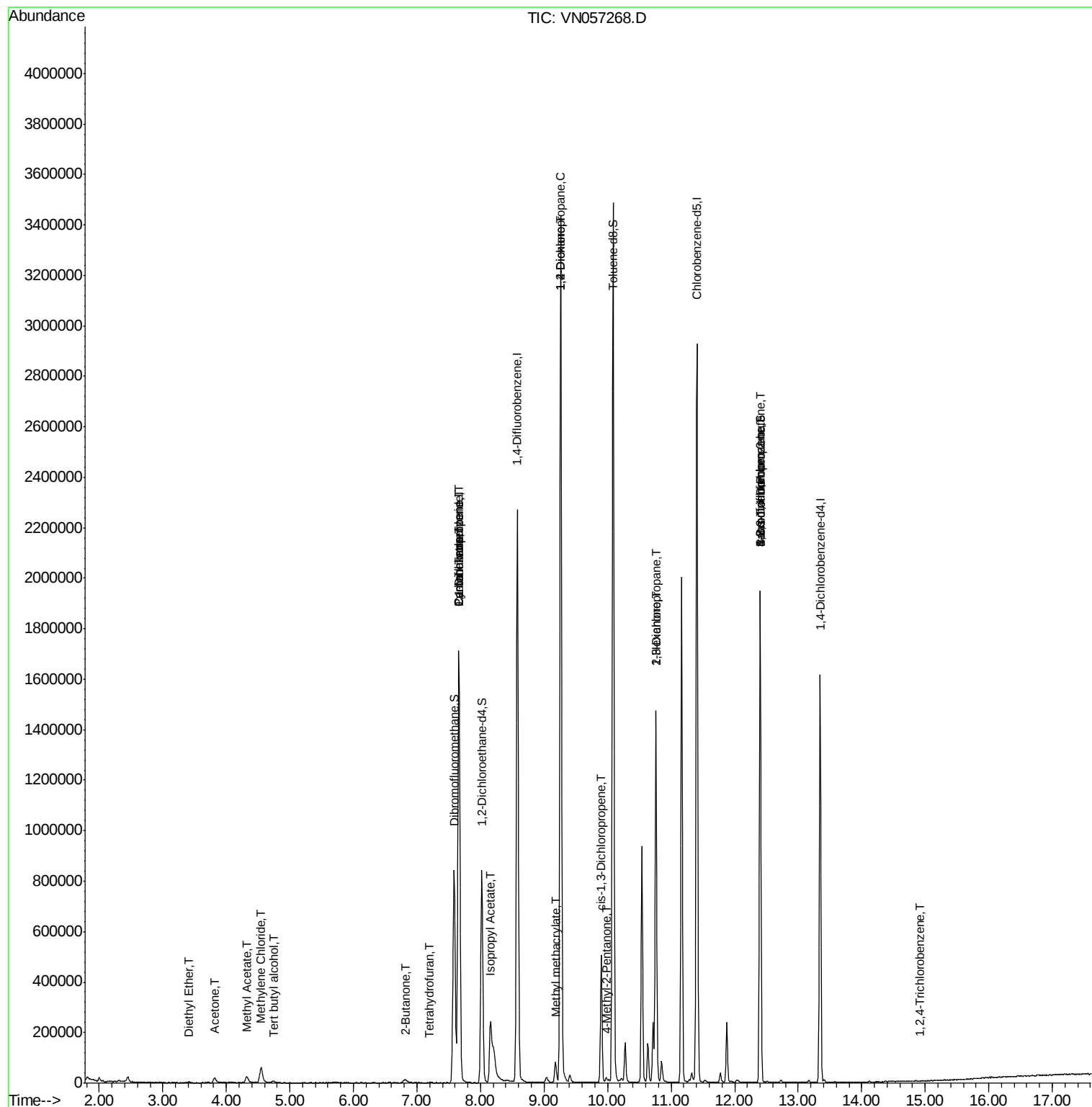
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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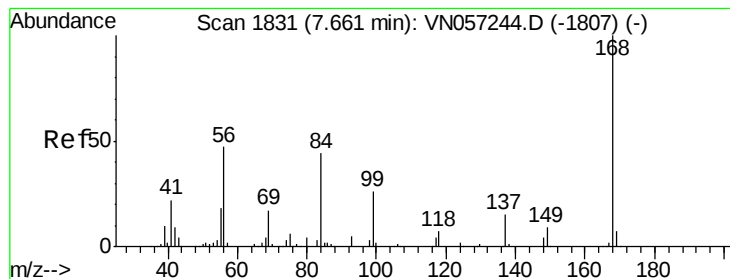
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN081319\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VN057268.D

Acq: 14 Aug 2019 00:16

Instrument :

MSVOA_N

ClientSampleId :

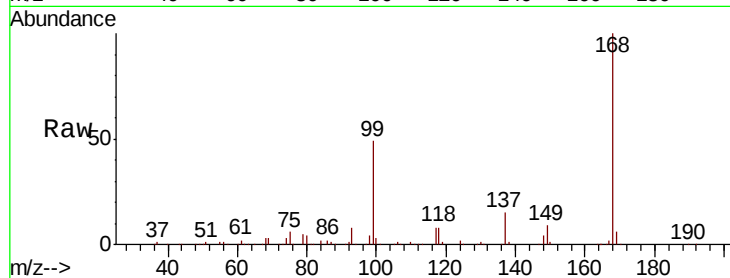
R1-R2-C1-(4.3)

Tgt Ion:168 Resp: 1563622

Ion Ratio Lower Upper

168 100

99 49.2 38.6 58.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

600000

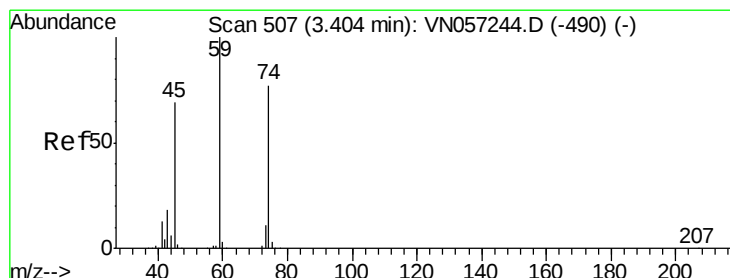
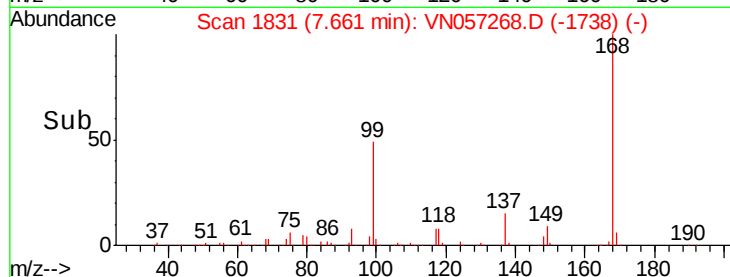
400000

200000

0

Time-->

7.60 7.70 7.80



#8

Diethyl Ether

Concen: 0.213 ug/l

RT: 3.41 min Scan# 509

Delta R.T. 0.01 min

Lab File: VN057268.D

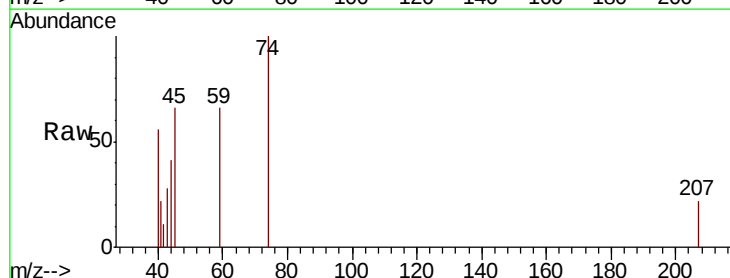
Acq: 14 Aug 2019 00:16

Tgt Ion: 74 Resp: 1762

Ion Ratio Lower Upper

74 100

45 123.7 45.1 135.2



Abundance Ion 74.00 (73.70 to 74.70): VN

Ion 45.00 (44.70 to 45.70): VN

3.41

1500

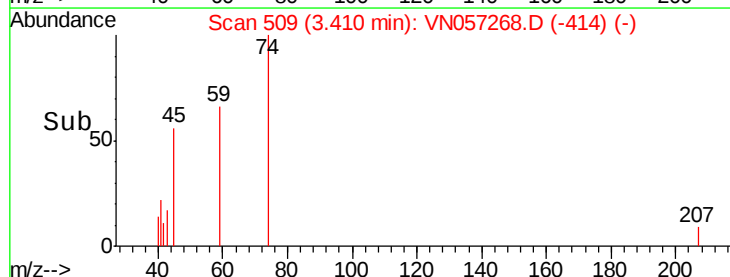
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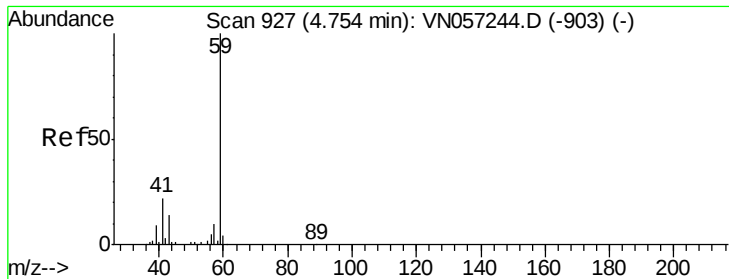
500

0

Time-->

3.40 3.45



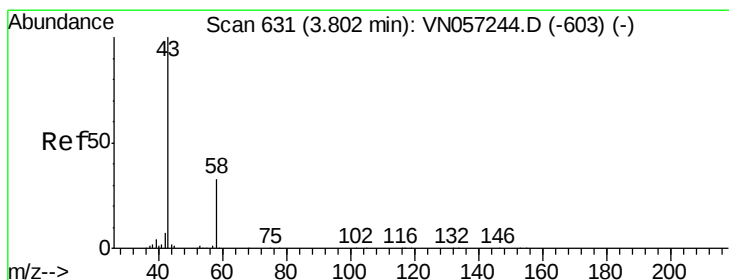
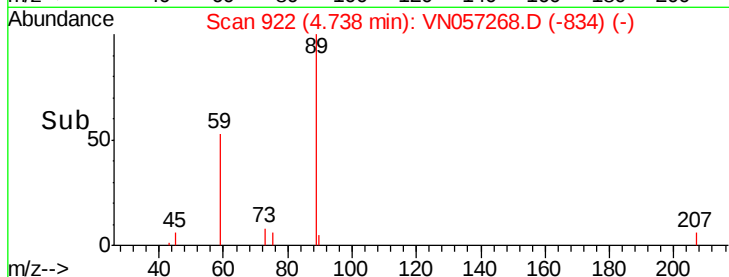
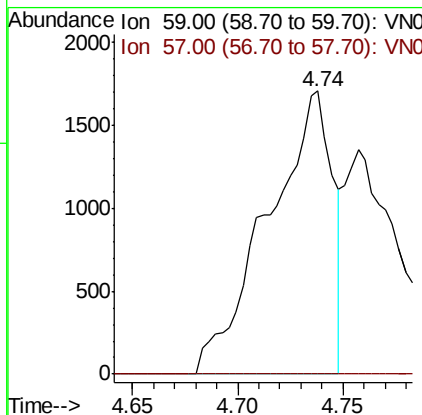
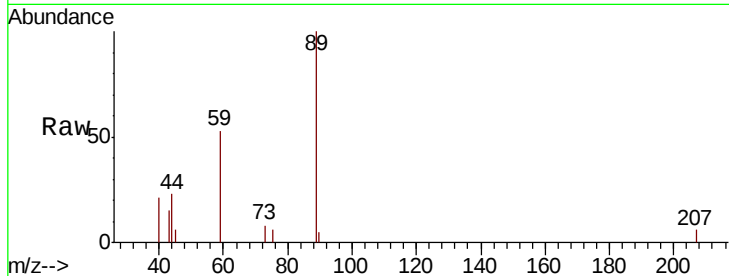


#11

Tert butyl alcohol
 Concen: 1.708 ug/l
 RT: 4.74 min Scan# 922
 Delta R.T. -0.02 min
 Lab File: VN057268.D
 Acq: 14 Aug 2019 00:16

Instrument :
 MSVOA_N
 ClientSampleId :
 R1-R2-C1-(4.3)

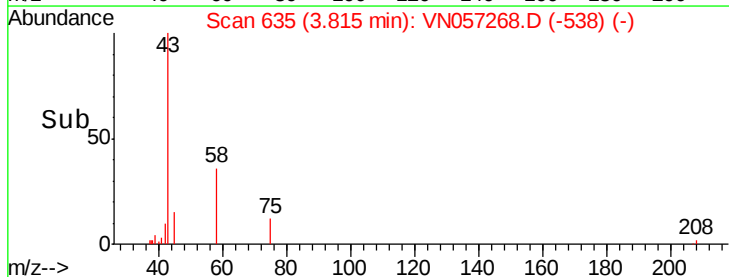
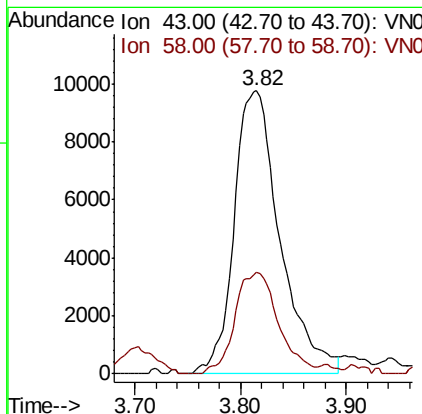
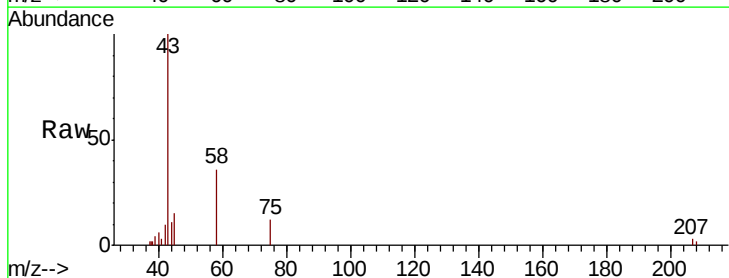
Tgt Ion: 59 Resp: 3628
 Ion Ratio Lower Upper
 59 100
 57 0.0 3.4 5.2#

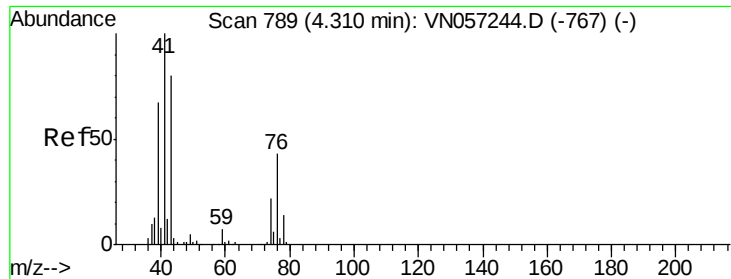


#16

Acetone
 Concen: 5.461 ug/l
 RT: 3.82 min Scan# 635
 Delta R.T. 0.01 min
 Lab File: VN057268.D
 Acq: 14 Aug 2019 00:16

Tgt Ion: 43 Resp: 29531
 Ion Ratio Lower Upper
 43 100
 58 35.9 26.7 40.1

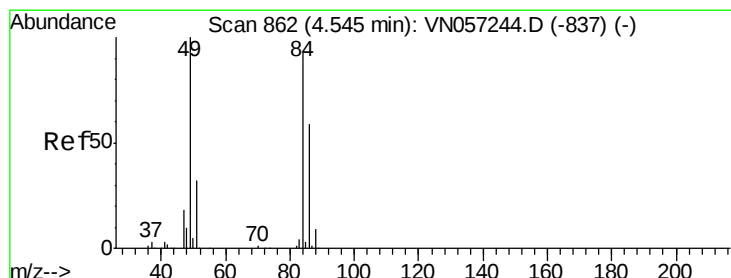
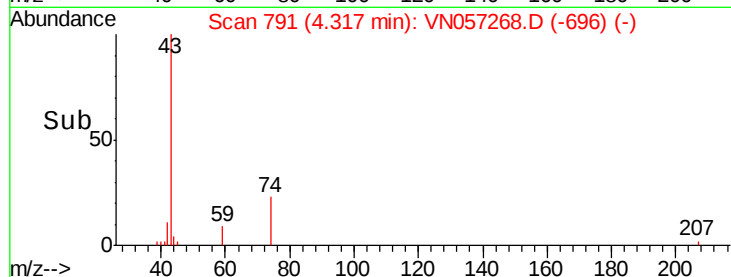
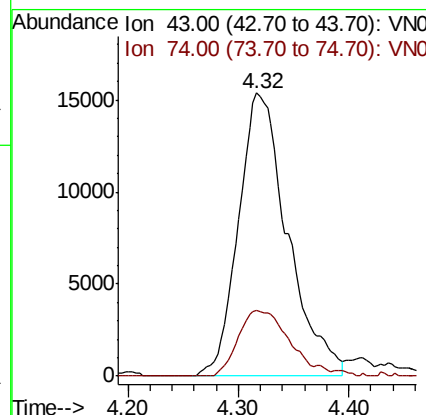
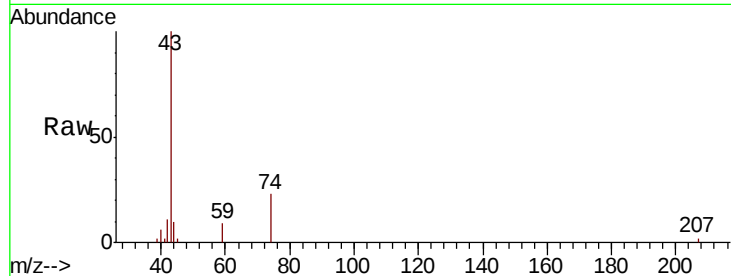




#18
Methyl Acetate
Concen: 2.299 ug/l
RT: 4.32 min Scan# 791
Delta R.T. 0.01 min
Lab File: VN057268.D
Acq: 14 Aug 2019 00:16

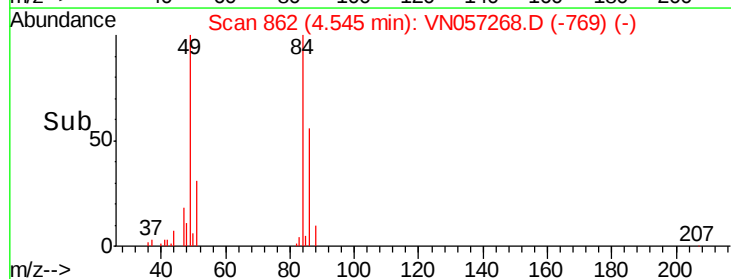
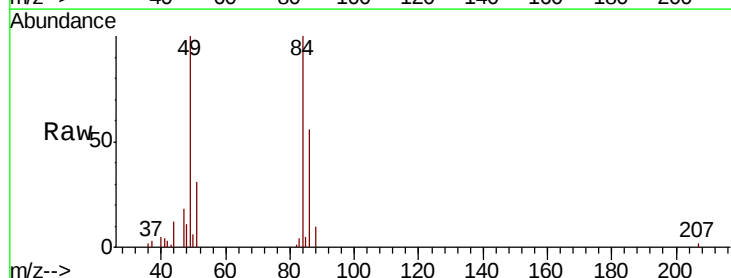
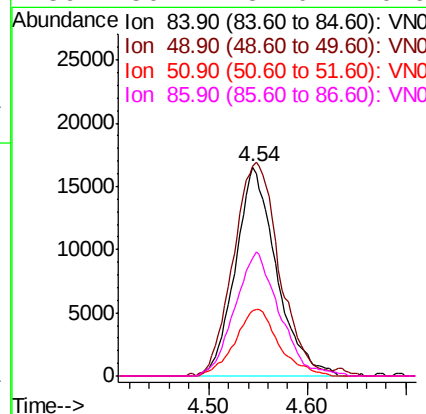
Instrument :
MSVOA_N
ClientSampleId :
R1-R2-C1-(4.3)

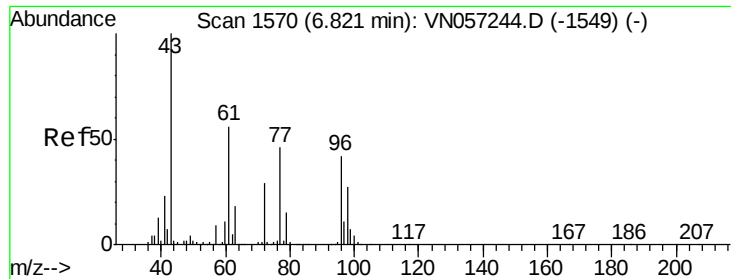
Tgt Ion: 43 Resp: 47530
Ion Ratio Lower Upper
43 100
74 24.1 20.6 31.0



#20
Methylene Chloride
Concen: 3.032 ug/l
RT: 4.54 min Scan# 862
Delta R.T. -0.00 min
Lab File: VN057268.D
Acq: 14 Aug 2019 00:16

Tgt Ion: 84 Resp: 47891
Ion Ratio Lower Upper
84 100
49 99.1 85.9 128.9
51 31.4 27.1 40.7
86 56.4 51.0 76.6

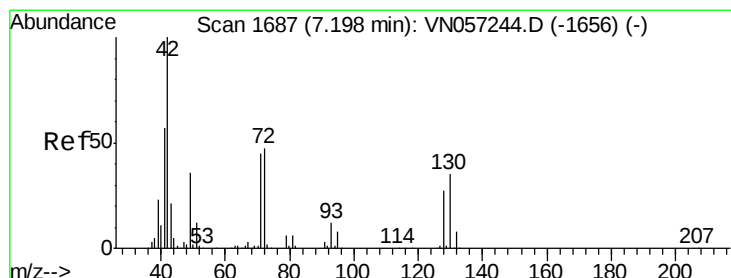
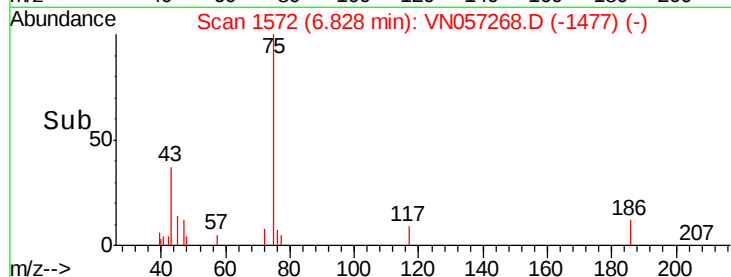
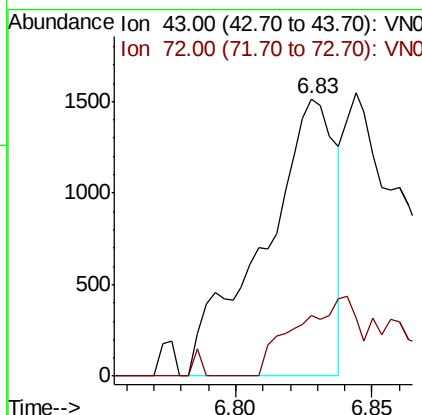
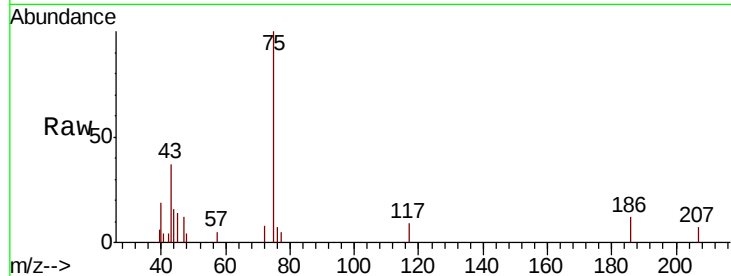




#25
 2-Butanone
 Concen: 0.361 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. 0.01 min
 Lab File: VN057268.D
 Acq: 14 Aug 2019 00:16

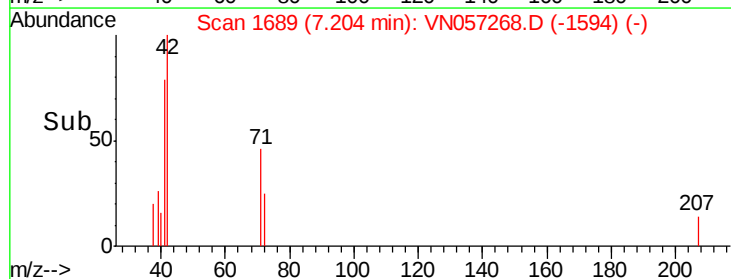
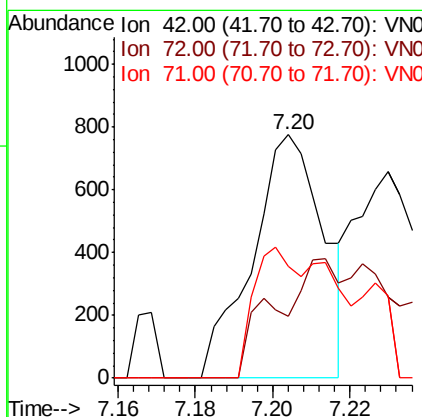
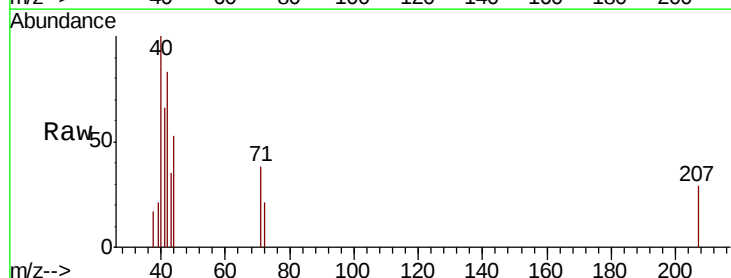
Instrument :
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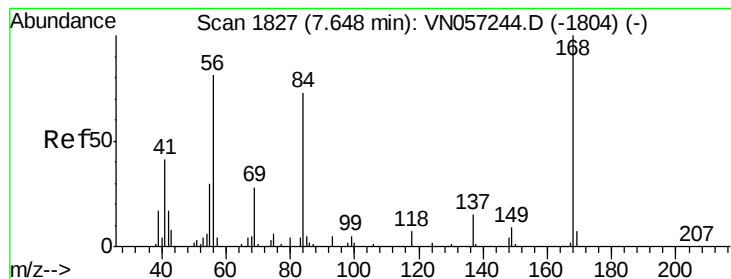
Tgt Ion: 43 Resp: 2775
 Ion Ratio Lower Upper
 43 100
 72 22.1 23.1 34.7#



#29
 Tetrahydrofuran
 Concen: 0.202 ug/l
 RT: 7.20 min Scan# 1689
 Delta R.T. 0.01 min
 Lab File: VN057268.D
 Acq: 14 Aug 2019 00:16

Tgt Ion: 42 Resp: 993
 Ion Ratio Lower Upper
 42 100
 72 17.0 37.6 56.4#
 71 33.9 35.6 53.4#





#31

Cyclohexane

Concen: 0.958 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.01 min

Lab File: VN057268.D

Acq: 14 Aug 2019 00:16

Instrument :

MSVOA_N

ClientSampleId :

R1-R2-C1-(4.3)

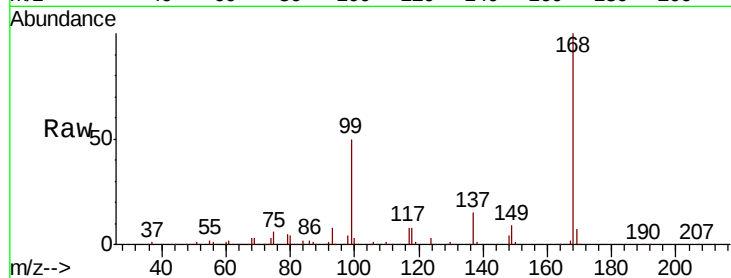
Tgt Ion: 56 Resp: 21398

Ion Ratio Lower Upper

56 100

69 197.8 27.8 41.8#

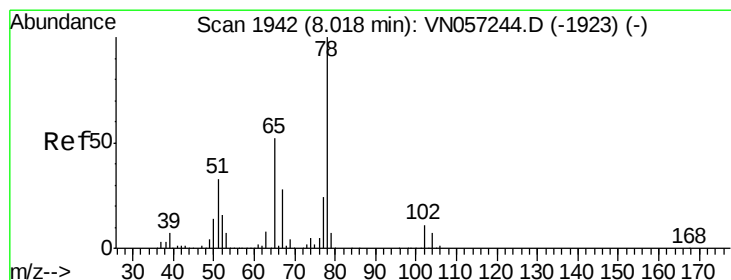
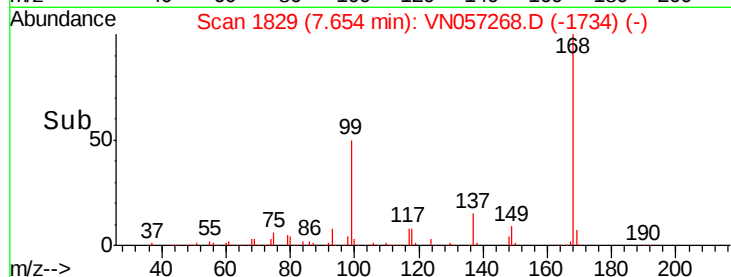
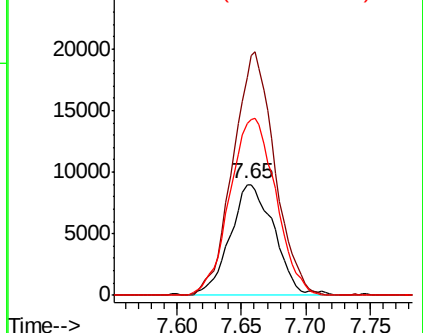
84 155.4 72.0 108.0#



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: 45.302 ug/l

RT: 8.02 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN057268.D

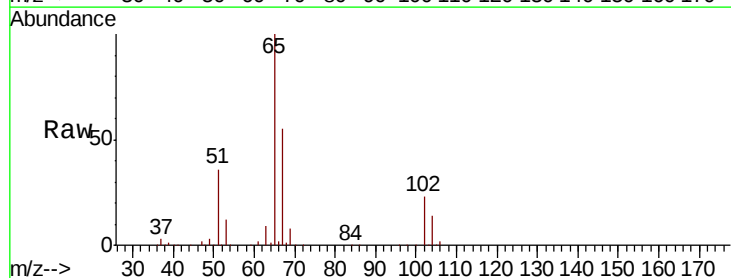
Acq: 14 Aug 2019 00:16

Tgt Ion: 65 Resp: 714574

Ion Ratio Lower Upper

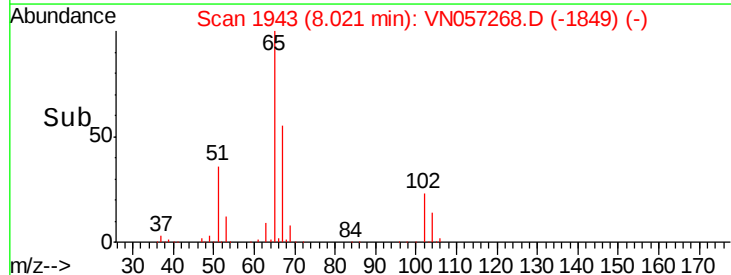
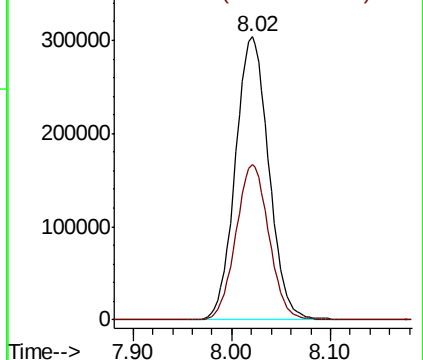
65 100

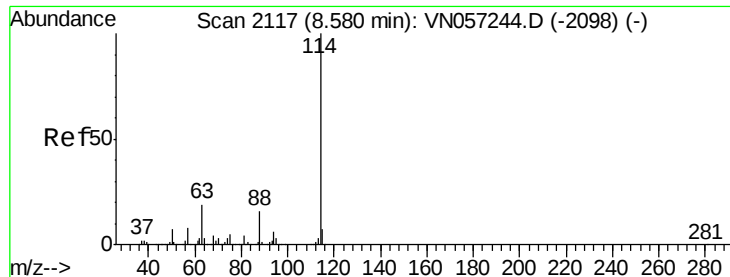
67 54.3 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

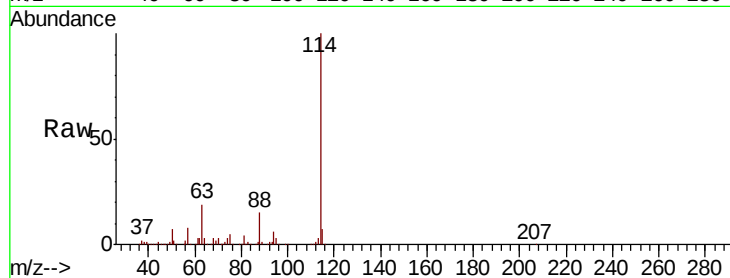




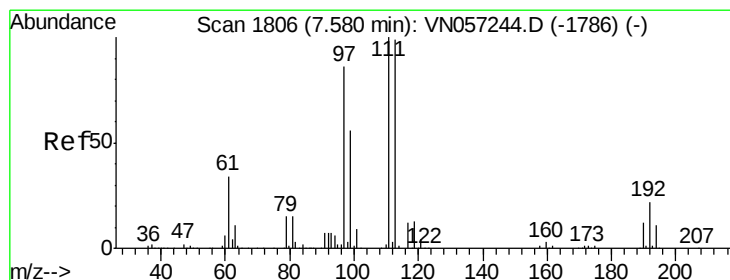
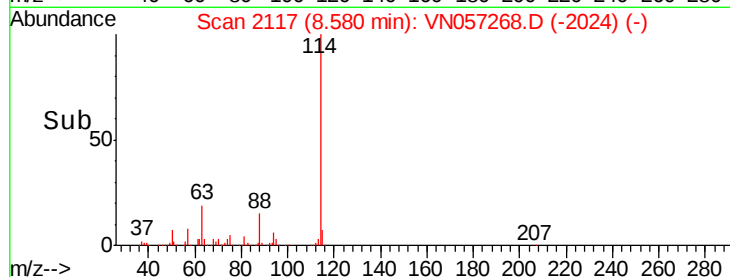
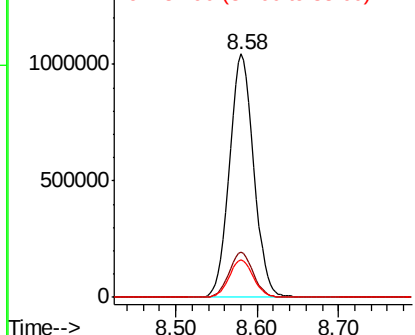
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN057268.D
 Acq: 14 Aug 2019 00:16

Instrument :
 MSVOA_N
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 R1-R2-C1-(4.3)

Tgt Ion:114 Resp: 2184510
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 37.0
 88 15.4 0.0 31.0

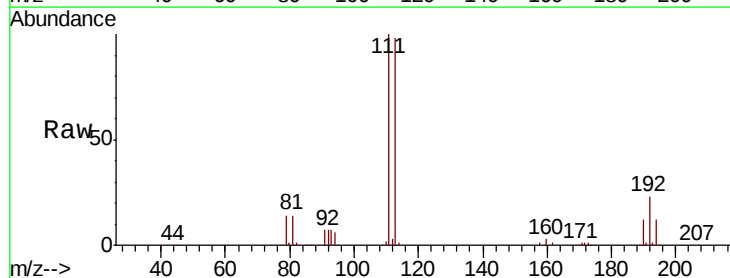


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

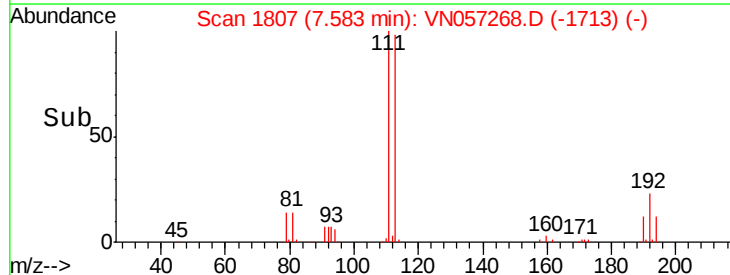
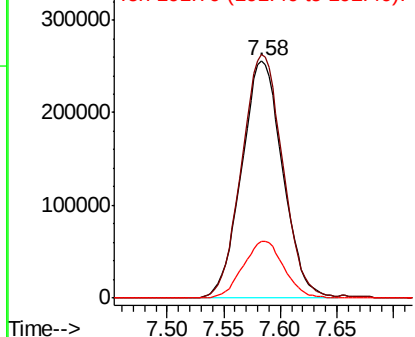


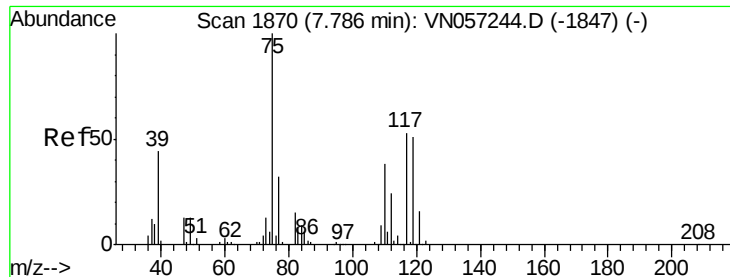
#35
 Dibromofluoromethane
 Concen: 46.312 ug/l
 RT: 7.58 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN057268.D
 Acq: 14 Aug 2019 00:16

Tgt Ion:113 Resp: 645977
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.4 122.2
 192 23.9 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: 4.851 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. -0.13 min

Lab File: VN057268.D

Acq: 14 Aug 2019 00:16

Instrument :

MSVOA_N

ClientSampleId :

R1-R2-C1-(4.3)

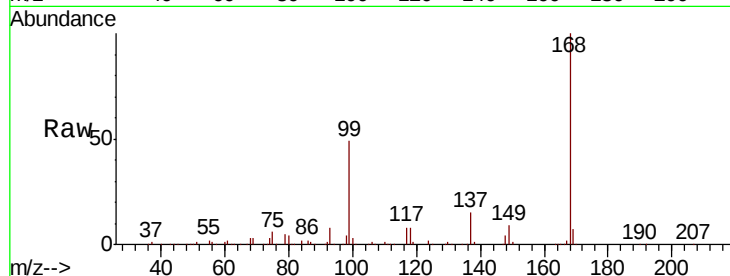
Tgt Ion: 75 Resp: 92654

Ion Ratio Lower Upper

75 100

110 9.2 19.1 57.1#

77 0.0 25.2 37.8#

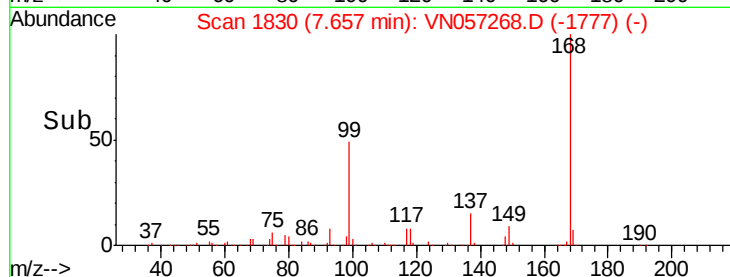


Abundance Ion 74.90 (74.60 to 75.60): VN057244.D (-1847) (-)

Ion 109.90 (109.60 to 110.60): VN057244.D (-1847) (-)

Ion 76.90 (76.60 to 77.60): VN057244.D (-1847) (-)

Time-->

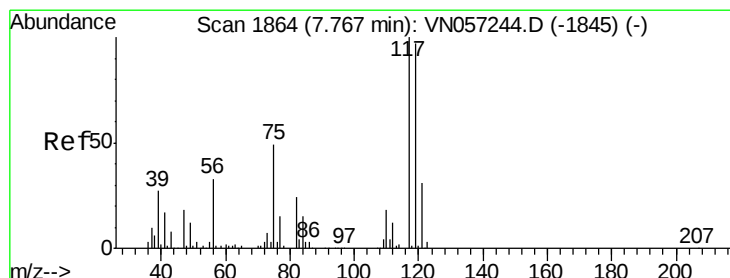


Abundance Ion 74.90 (74.60 to 75.60): VN057268.D (-1777) (-)

Ion 109.90 (109.60 to 110.60): VN057268.D (-1777) (-)

Ion 76.90 (76.60 to 77.60): VN057268.D (-1777) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 6.373 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.11 min

Lab File: VN057268.D

Acq: 14 Aug 2019 00:16

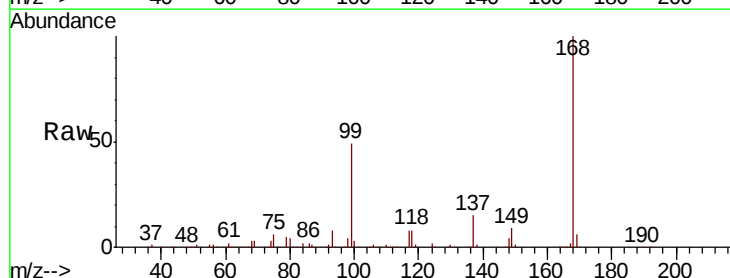
Tgt Ion: 117 Resp: 129292

Ion Ratio Lower Upper

117 100

119 6.2 77.8 116.6#

121 0.0 24.9 37.3#

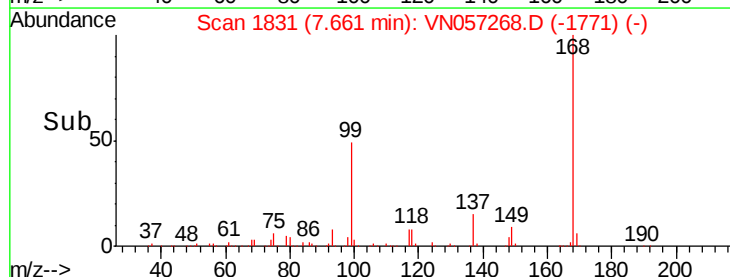


Abundance Ion 116.80 (116.50 to 117.50): VN057244.D (-1845) (-)

Ion 118.80 (118.50 to 119.50): VN057244.D (-1845) (-)

Ion 120.80 (120.50 to 121.50): VN057244.D (-1845) (-)

Time-->

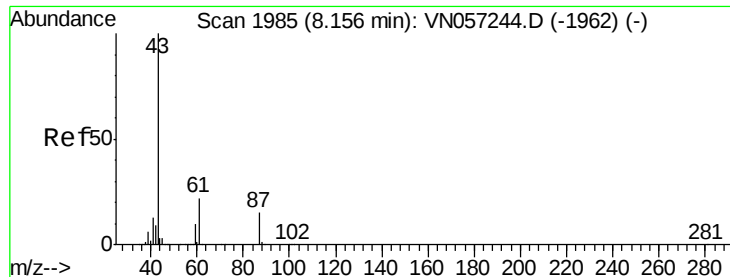


Abundance Ion 116.80 (116.50 to 117.50): VN057268.D (-1771) (-)

Ion 118.80 (118.50 to 119.50): VN057268.D (-1771) (-)

Ion 120.80 (120.50 to 121.50): VN057268.D (-1771) (-)

Time-->



#43

Isopropyl Acetate

Concen: 17.620 ug/l

RT: 8.16 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN057268.D

Acq: 14 Aug 2019 00:16

Instrument :

MSVOA_N

ClientSampleId :

R1-R2-C1-(4.3)

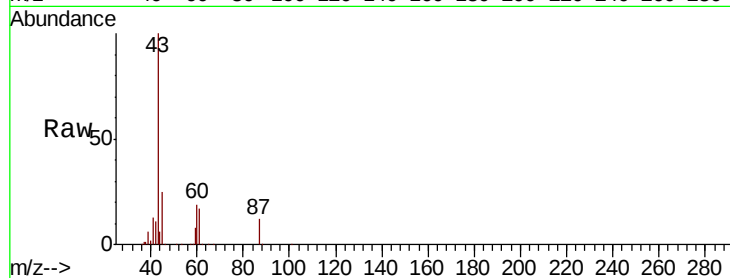
Tgt Ion: 43 Resp: 445459

Ion Ratio Lower Upper

43 100

61 9.8 23.5 35.3#

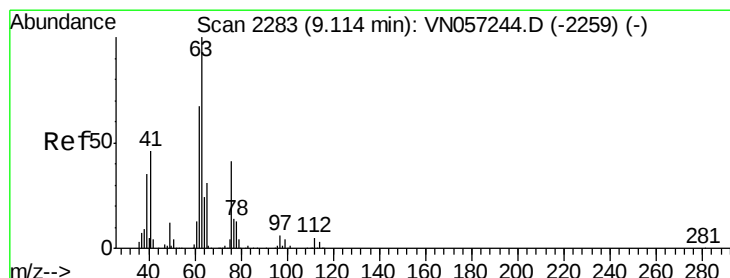
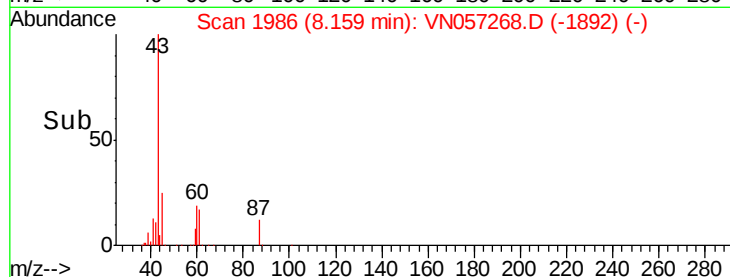
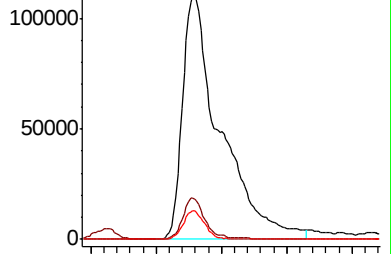
87 6.7 12.1 18.1#



Abundance Ion 43.00 (42.70 to 43.70): VN057244.D (-1962) (-)

Ion 61.00 (60.70 to 61.70): VN057244.D (-1962) (-)

Ion 87.00 (86.70 to 87.70): VN057244.D (-1962) (-)



#45

1,2-Dichloropropane

Concen: 0.314 ug/l

RT: 9.26 min Scan# 2328

Delta R.T. 0.14 min

Lab File: VN057268.D

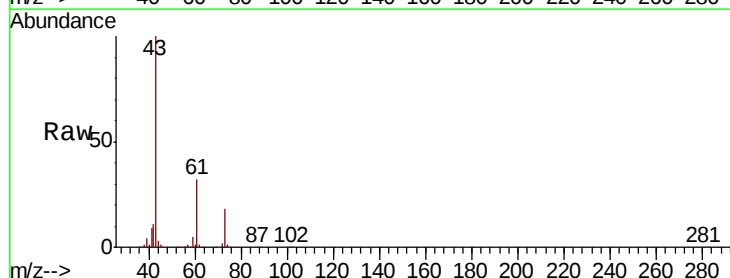
Acq: 14 Aug 2019 00:16

Tgt Ion: 63 Resp: 4609

Ion Ratio Lower Upper

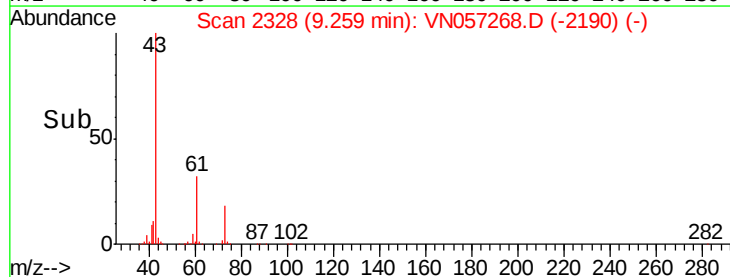
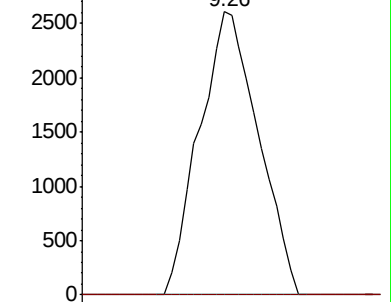
63 100

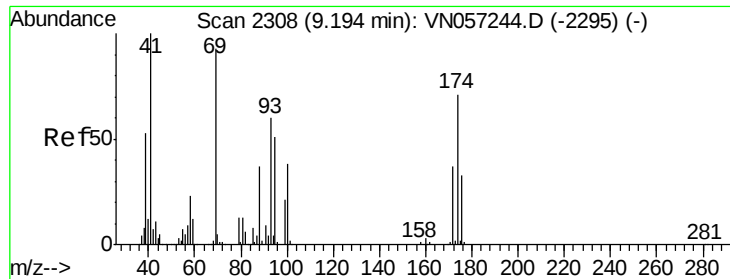
65 0.0 25.0 37.4#



Abundance Ion 62.90 (62.60 to 63.60): VN057244.D (-2259) (-)

Ion 64.90 (64.60 to 65.60): VN057244.D (-2259) (-)

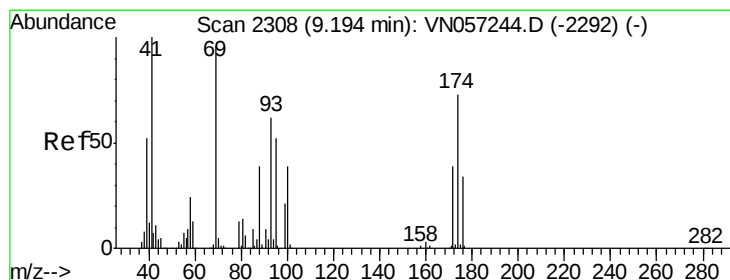
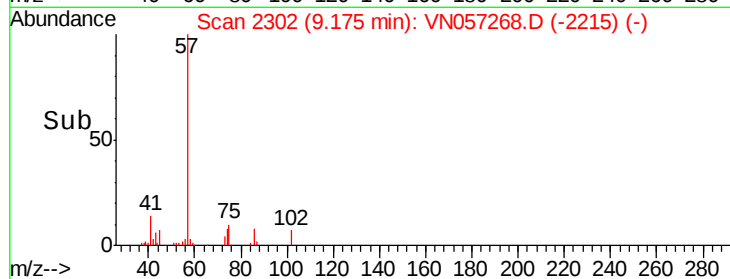
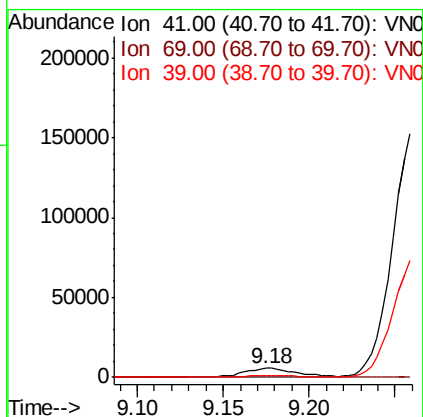
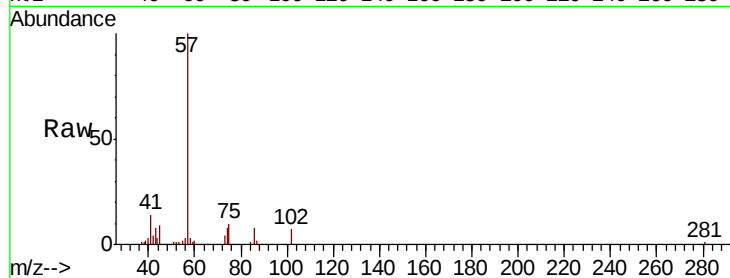




#48
Methyl methacrylate
Concen: 1.039 ug/l
RT: 9.18 min Scan# 2302
Delta R.T. -0.02 min
Lab File: VN057268.D
Acq: 14 Aug 2019 00:16

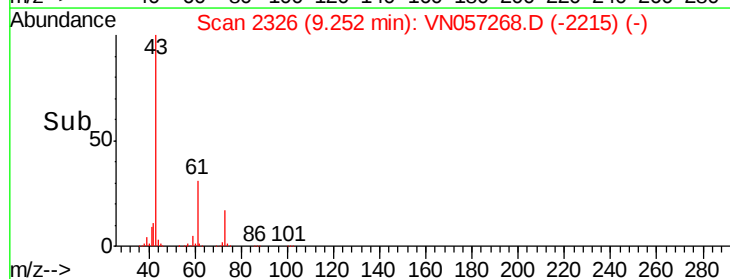
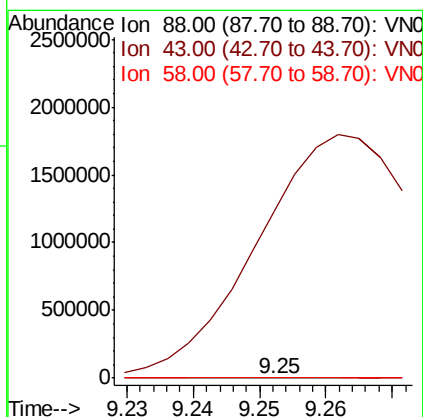
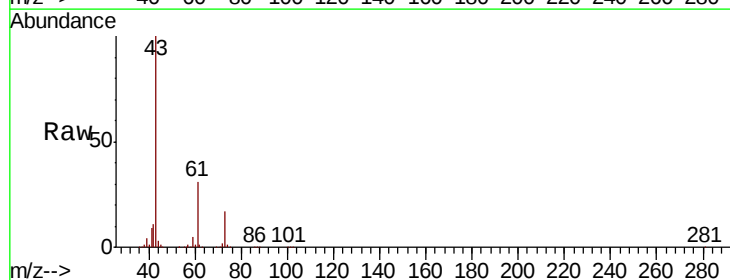
Instrument :
MSVOA_N
ClientSampleId :
R1-R2-C1-(4.3)

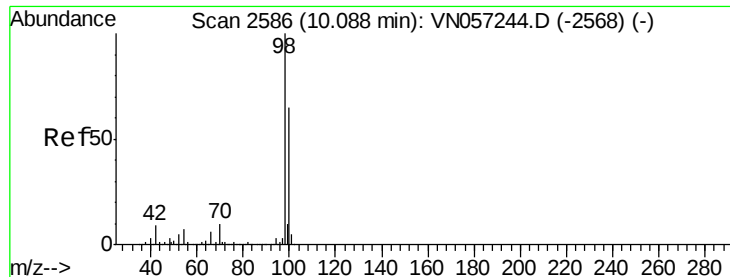
Tgt Ion: 41 Resp: 12150
Ion Ratio Lower Upper
41 100
69 0.0 75.7 113.5#
39 0.0 43.3 64.9#



#49
1,4-Dioxane
Concen: 1.567 ug/l
RT: 9.25 min Scan# 2326
Delta R.T. 0.06 min
Lab File: VN057268.D
Acq: 14 Aug 2019 00:16

Tgt Ion: 88 Resp: 413
Ion Ratio Lower Upper
88 100
43 807623.7 20.7 31.1#
58 3465.9 52.0 78.0#





#50

Toluene-d8

Concen: 50.064 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN057268.D

Acq: 14 Aug 2019 00:16

Instrument :

MSVOA_N

ClientSampleId :

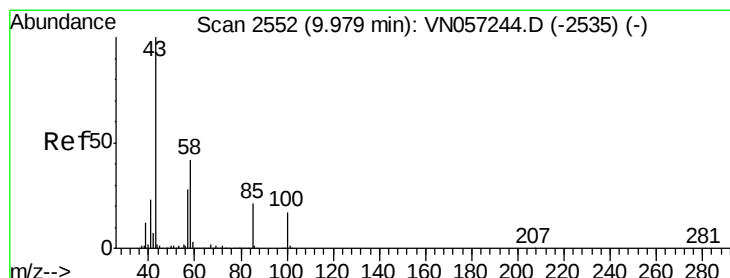
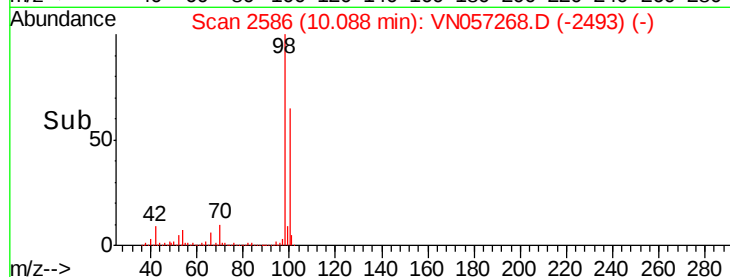
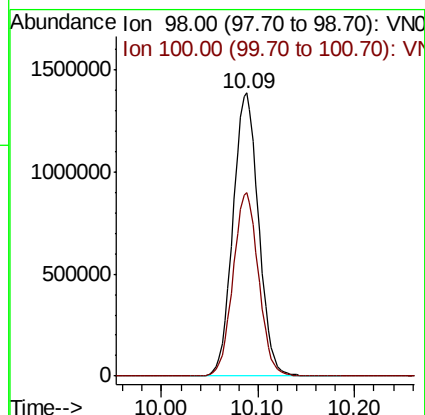
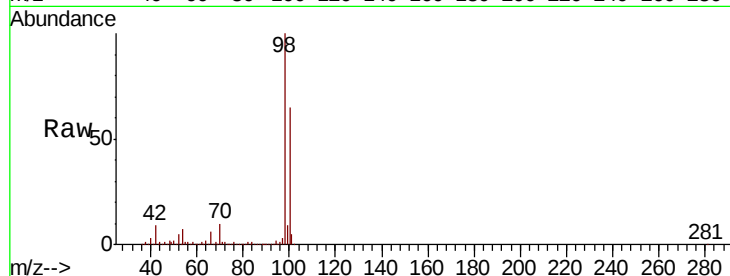
R1-R2-C1-(4.3)

Tgt Ion: 98 Resp: 2547057

Ion Ratio Lower Upper

98 100

100 64.5 51.8 77.6



#51

4-Methyl-2-Pentanone

Concen: 0.970 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. -0.00 min

Lab File: VN057268.D

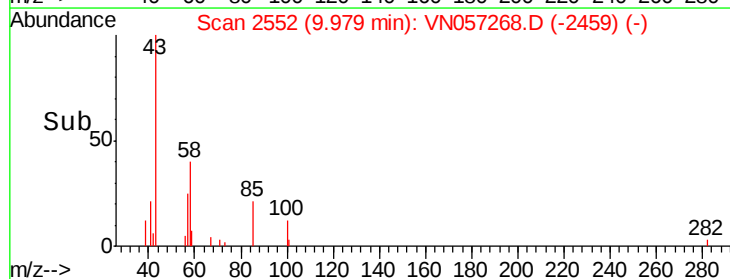
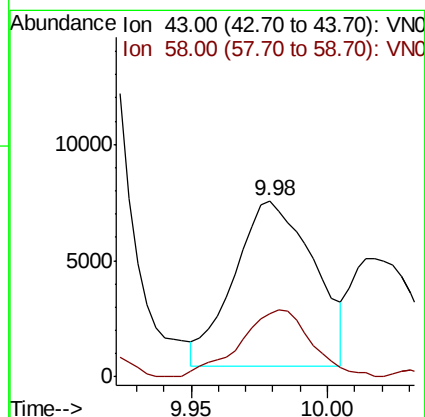
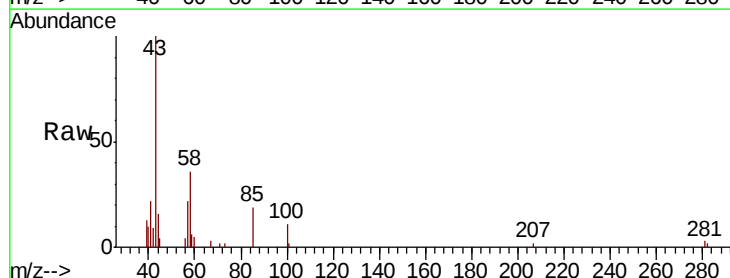
Acq: 14 Aug 2019 00:16

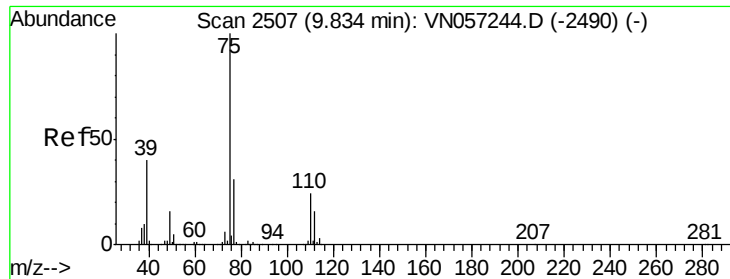
Tgt Ion: 43 Resp: 14393

Ion Ratio Lower Upper

43 100

58 36.3 33.7 50.5





#54

cis-1,3-Dichloropropene

Concen: 4.378 ug/l

RT: 9.90 min Scan# 2528

Delta R.T. 0.07 min

Lab File: VN057268.D

Acq: 14 Aug 2019 00:16

Instrument :

MSVOA_N

ClientSampleId :

R1-R2-C1-(4.3)

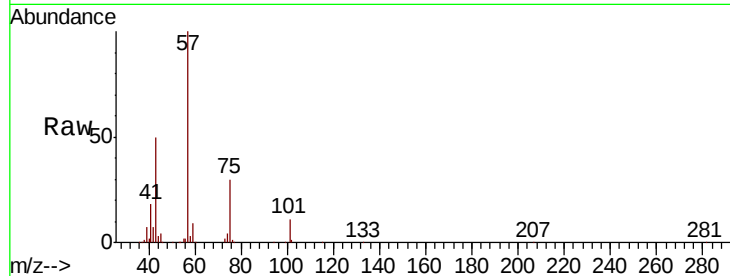
Tgt Ion: 75 Resp: 100845

Ion Ratio Lower Upper

75 100

77 0.6 25.0 37.6#

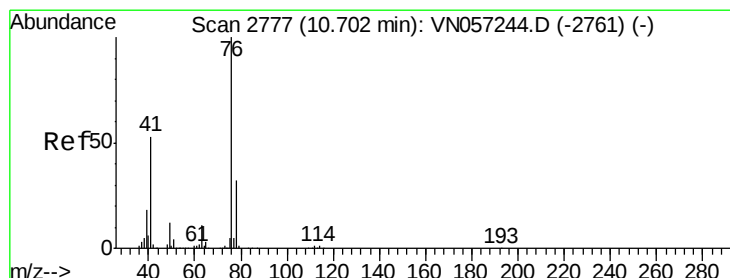
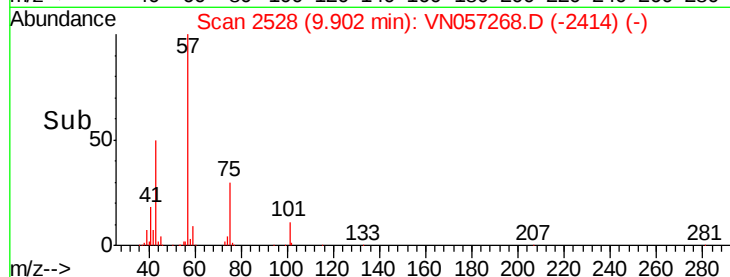
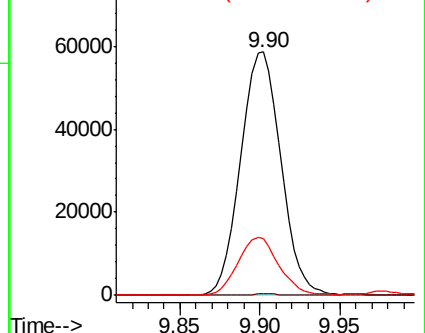
39 23.3 32.3 48.5#



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: 0.682 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.06 min

Lab File: VN057268.D

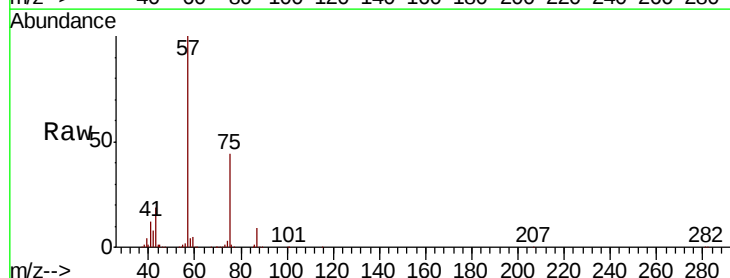
Acq: 14 Aug 2019 00:16

Tgt Ion: 76 Resp: 15861

Ion Ratio Lower Upper

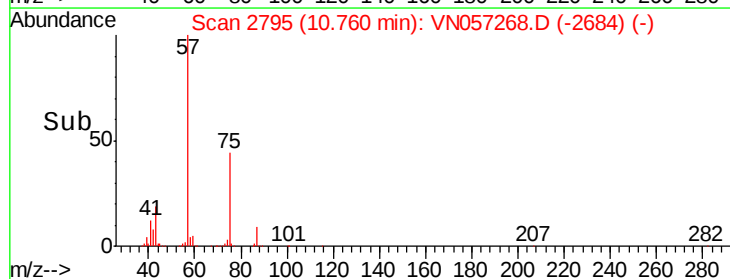
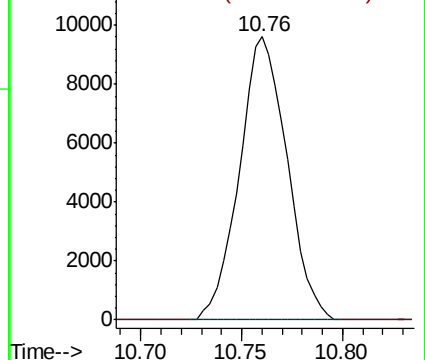
76 100

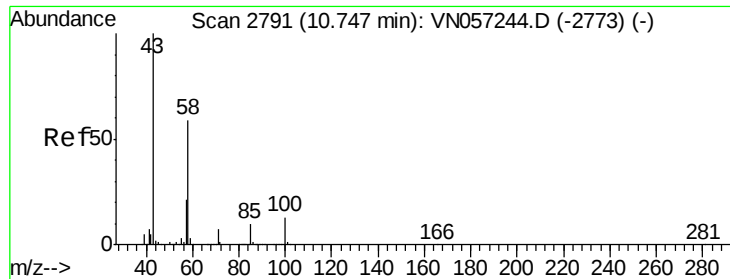
78 0.0 26.0 39.0#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

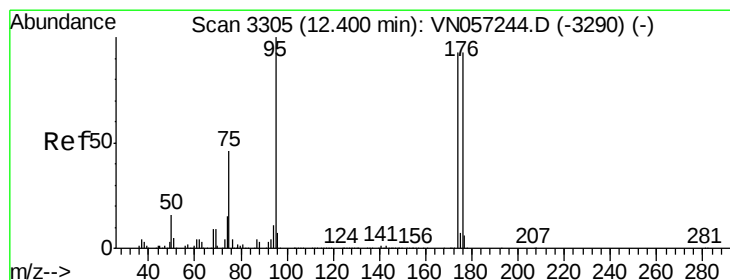
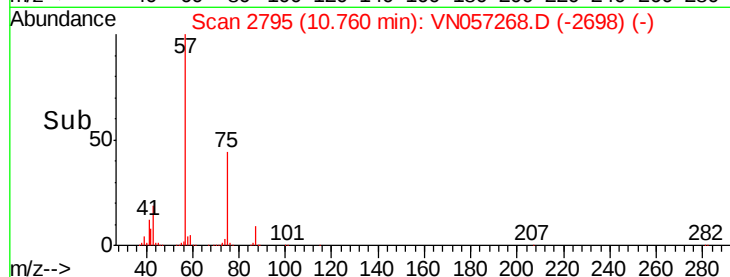
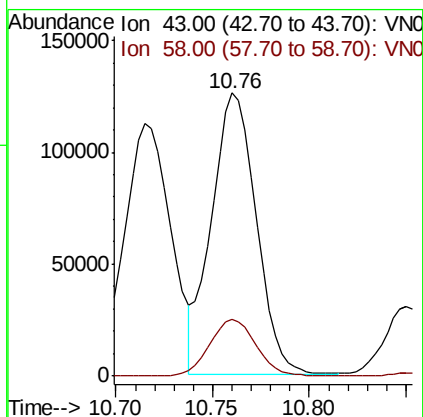
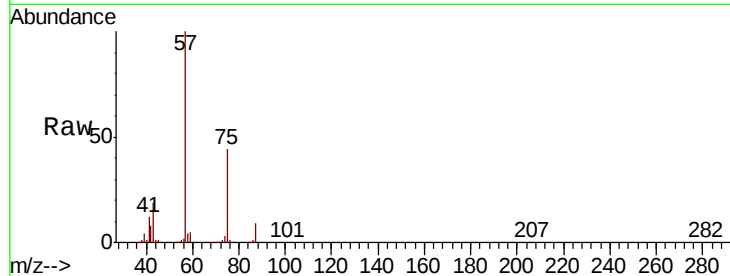




#59
2-Hexanone
Concen: 19.260 ug/l
RT: 10.76 min Scan# 2795
Delta R.T. 0.01 min
Lab File: VN057268.D
Acq: 14 Aug 2019 00:16

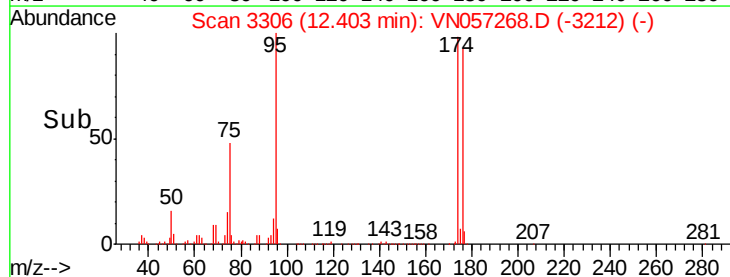
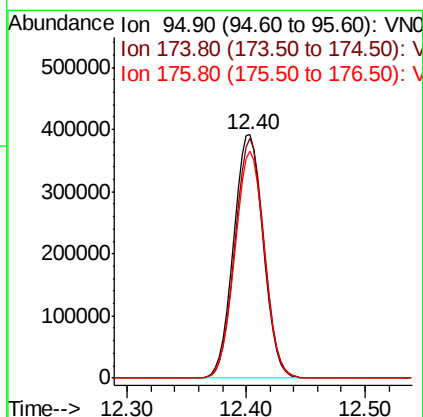
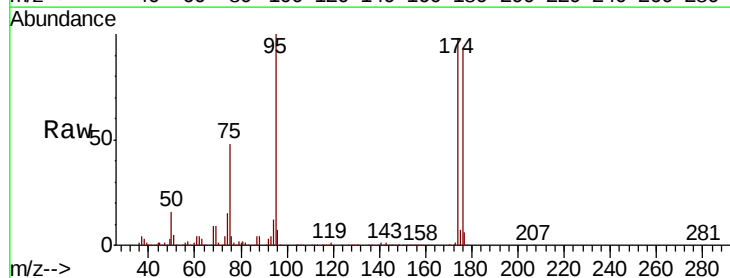
Instrument :
MSVOA_N
ClientSampled :
R1-R2-C1-(4.3)

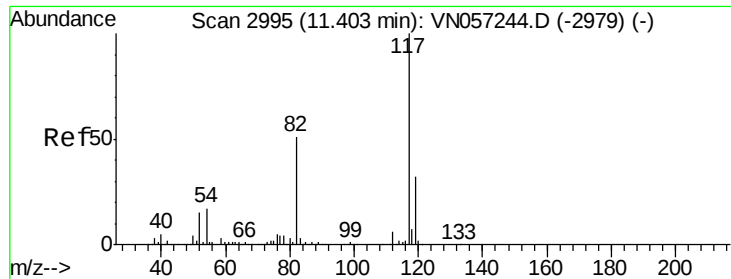
Tgt Ion: 43 Resp: 202863
Ion Ratio Lower Upper
43 100
58 21.0 29.1 87.4#



#62
4-Bromofluorobenzene
Concen: 38.805 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057268.D
Acq: 14 Aug 2019 00:16

Tgt Ion: 95 Resp: 677044
Ion Ratio Lower Upper
95 100
174 96.6 0.0 187.6
176 92.5 0.0 185.8

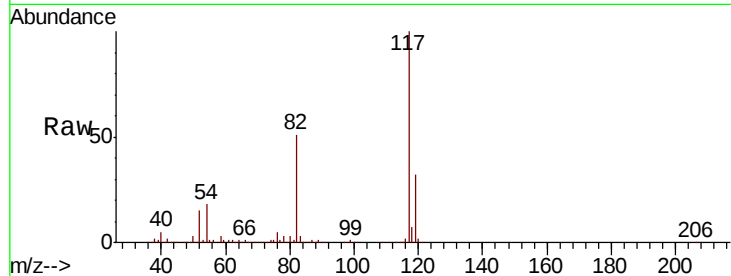




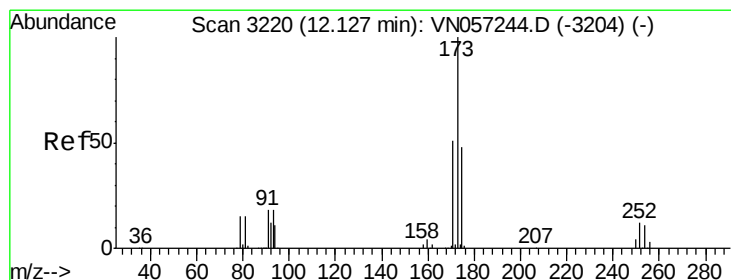
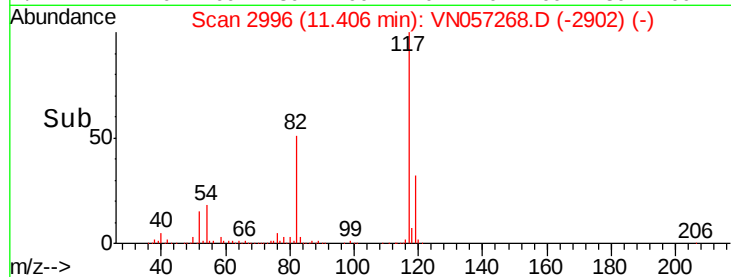
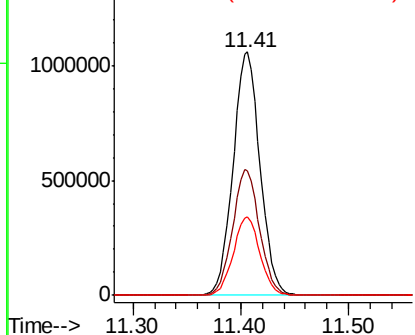
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057268.D
Acq: 14 Aug 2019 00:16

Instrument :
MSVOA_N
ClientSampled :
R1-R2-C1-(4.3)

Tgt Ion:117 Resp: 1841759
Ion Ratio Lower Upper
117 100
82 51.3 40.9 61.3
119 32.2 25.4 38.2

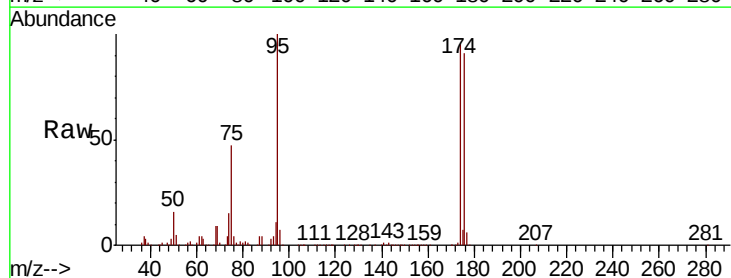


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

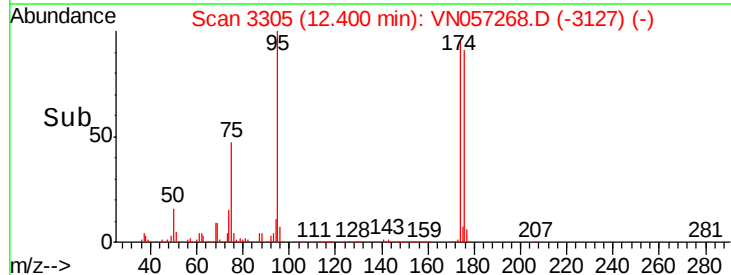
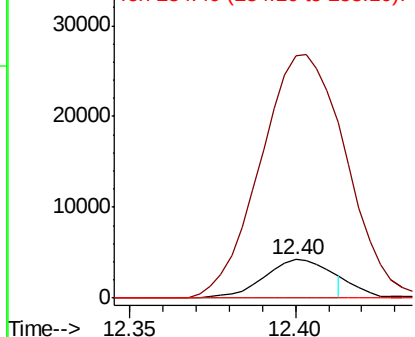


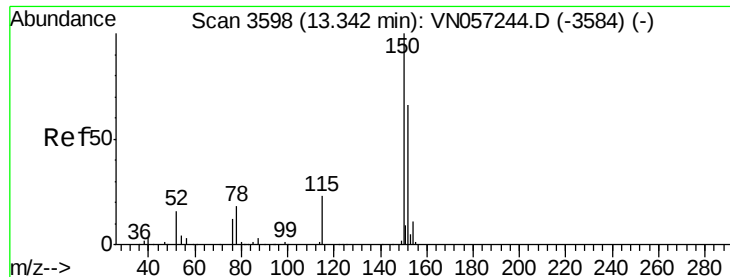
#71
Bromoform
Concen: 0.522 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN057268.D
Acq: 14 Aug 2019 00:16

Tgt Ion:173 Resp: 5826
Ion Ratio Lower Upper
173 100
175 701.3 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: VN057268.D

Acq: 14 Aug 2019 00:16

Instrument :

MSVOA_N

ClientSampleId :

R1-R2-C1-(4.3)

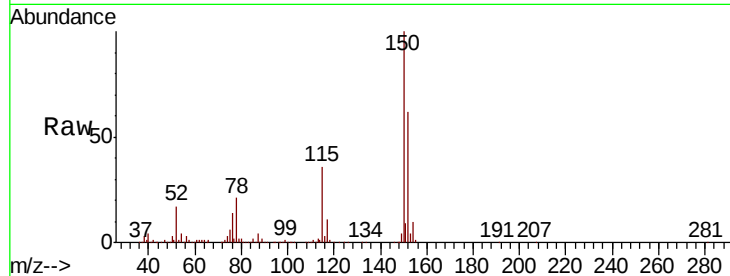
Tgt Ion:152 Resp: 468366

Ion Ratio Lower Upper

152 100

115 55.7 27.6 82.8

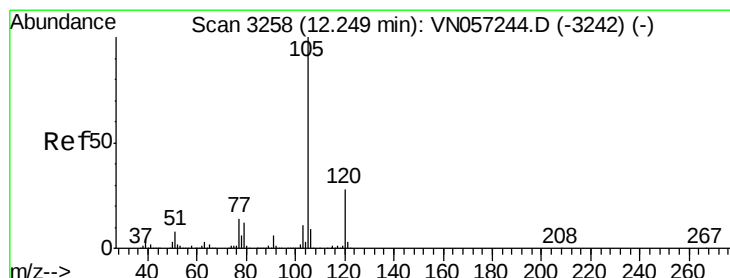
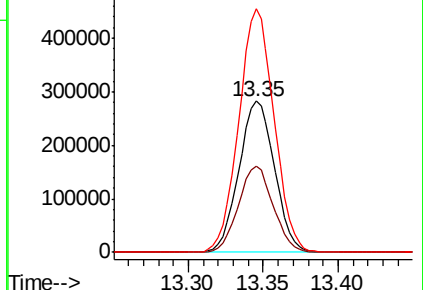
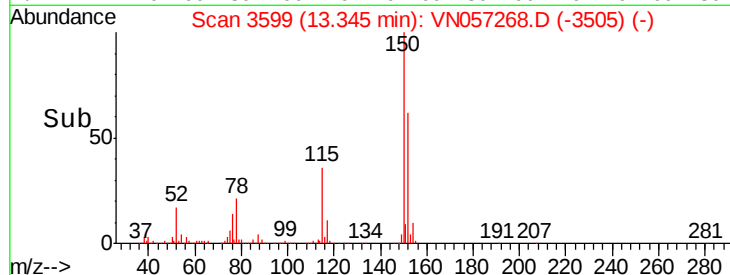
150 159.3 0.0 348.4



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# 3259

Delta R.T. 0.00 min

Lab File: VN057268.D

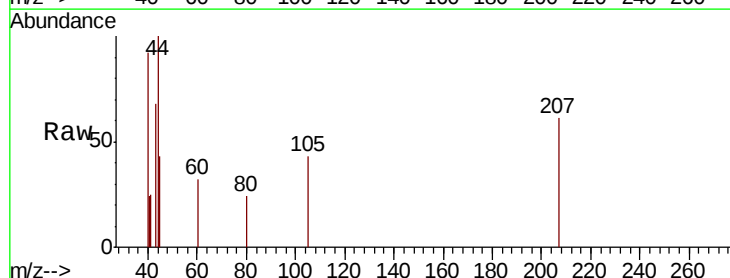
Acq: 14 Aug 2019 00:16

Tgt Ion:105 Resp: 239

Ion Ratio Lower Upper

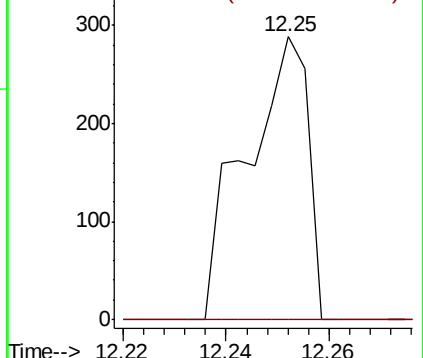
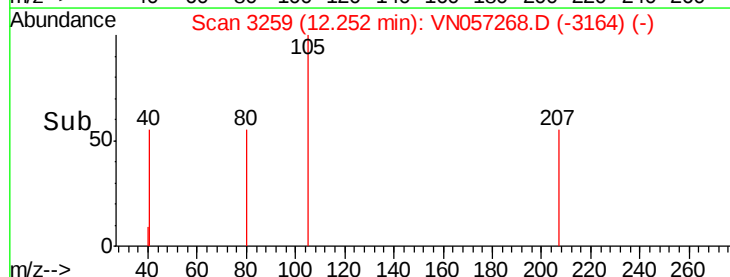
105 100

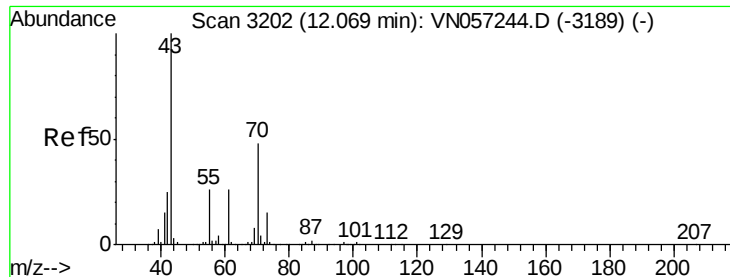
120 0.0 13.8 41.3#



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# 3189

Delta R.T. -0.04 min

Lab File: VN057268.D

Acq: 14 Aug 2019 00:16

Instrument :

MSVOA_N

ClientSampleId :

R1-R2-C1-(4.3)

Tgt Ion: 43 Resp: 8149

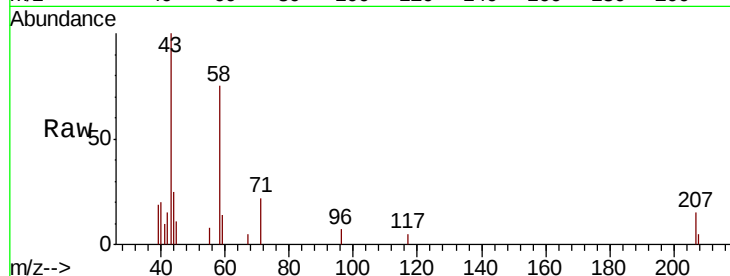
Ion Ratio Lower Upper

43 100

70 0.0 37.4 56.2#

55 7.4 21.0 31.4#

61 0.0 20.9 31.3#

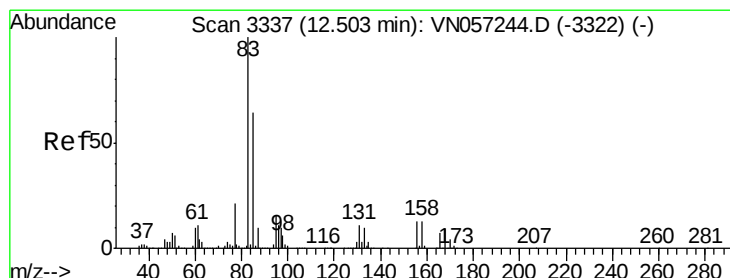
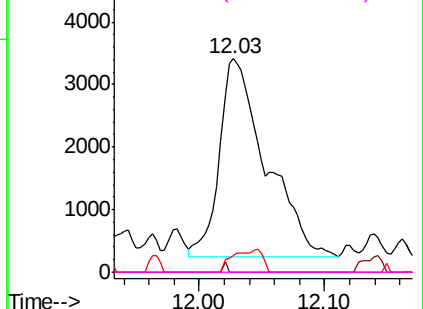
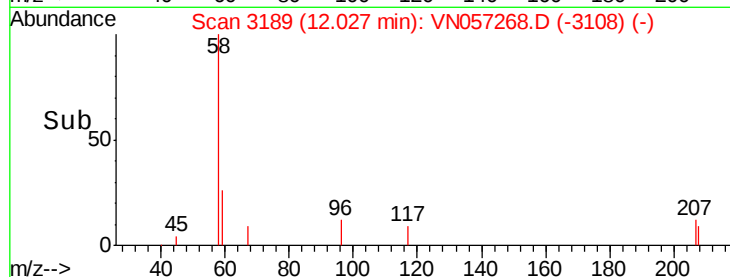


Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 12.41 min Scan# 3308

Delta R.T. -0.09 min

Lab File: VN057268.D

Acq: 14 Aug 2019 00:16

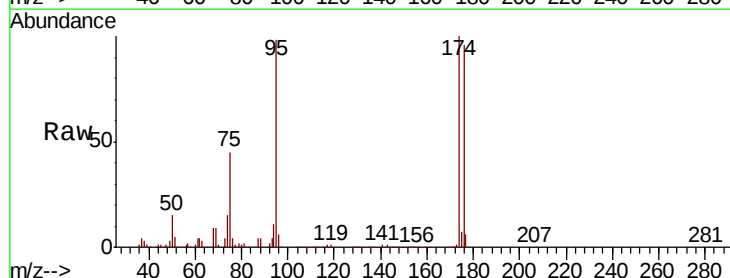
Tgt Ion: 83 Resp: 204

Ion Ratio Lower Upper

83 100

131 441.7 5.6 16.8#

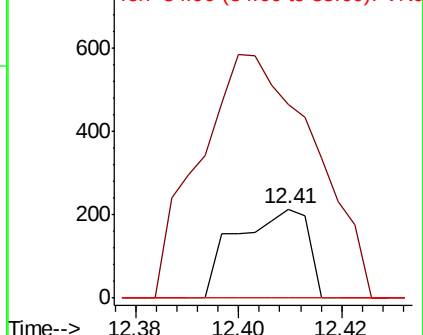
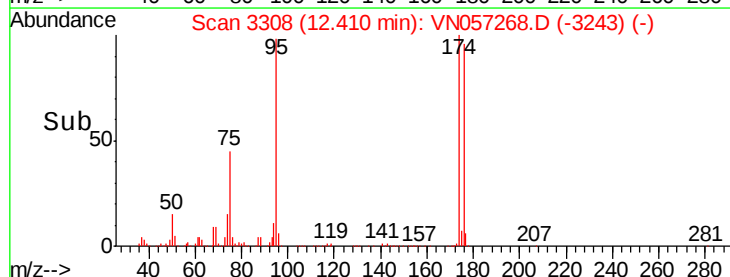
85 0.0 32.3 96.8#

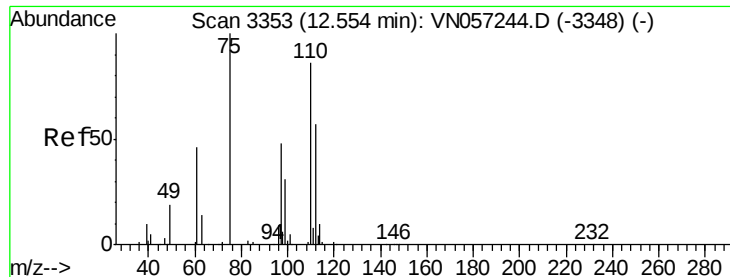


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 37.471 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN057268.D

Acq: 14 Aug 2019 00:16

Instrument :

MSVOA_N

ClientSampled :

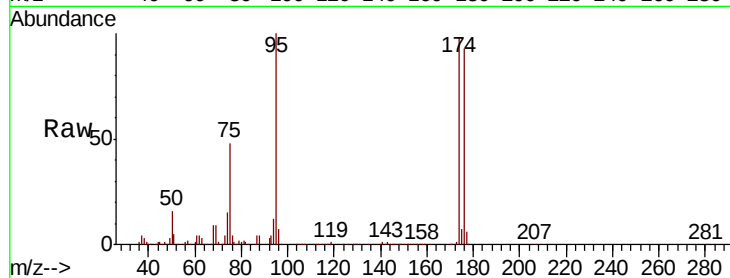
R1-R2-C1-(4.3)

Tgt Ion: 75 Resp: 314428

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

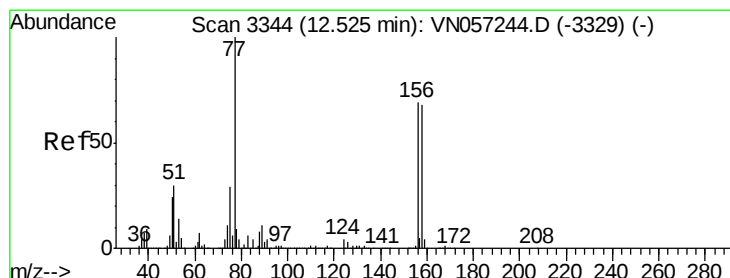
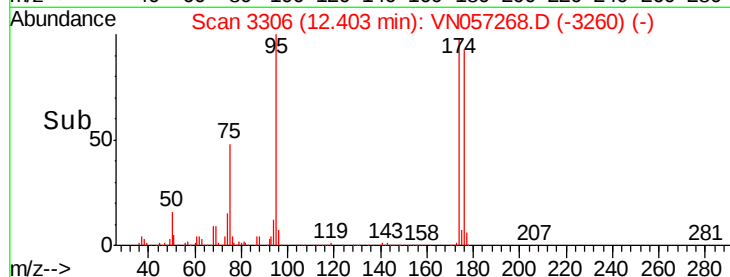
150000

100000

50000

0

Time-->



#77

Bromobenzene

Concen: Below Cal

RT: 12.40 min Scan# 3305

Delta R.T. -0.13 min

Lab File: VN057268.D

Acq: 14 Aug 2019 00:16

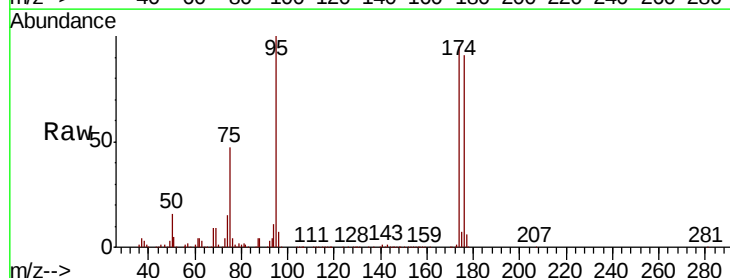
Tgt Ion: 156 Resp: 261

Ion Ratio Lower Upper

156 100

77 1517.6 88.0 264.1#

158 73.2 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

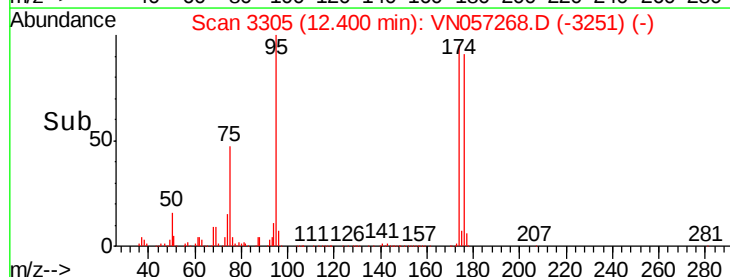
3000

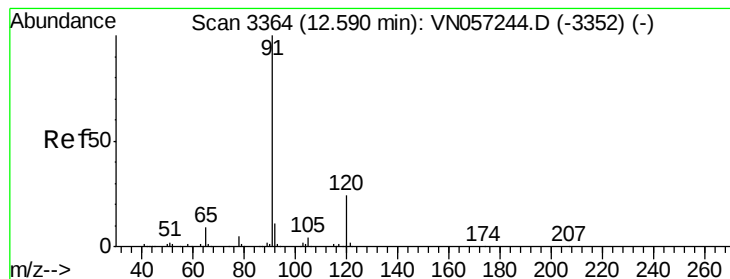
2000

1000

0

Time-->





#78

n-propylbenzene

Concen: Below Cal

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN057268.D

Acq: 14 Aug 2019 00:16

Instrument :

MSVOA_N

ClientSampleId :

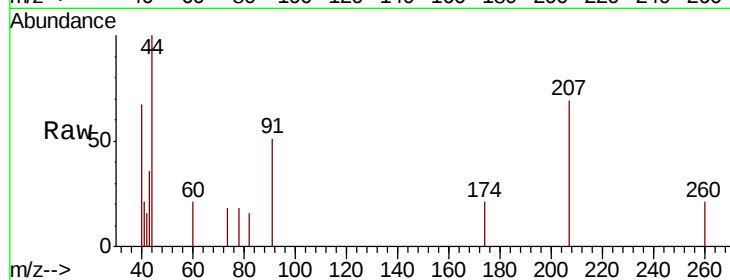
R1-R2-C1-(4.3)

Tgt Ion: 91 Resp: 417

Ion Ratio Lower Upper

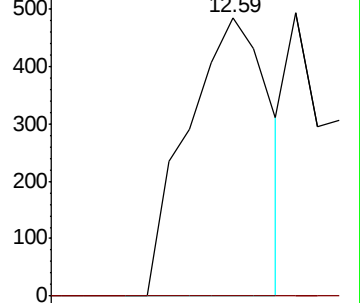
91 100

120 0.0 12.1 36.3#

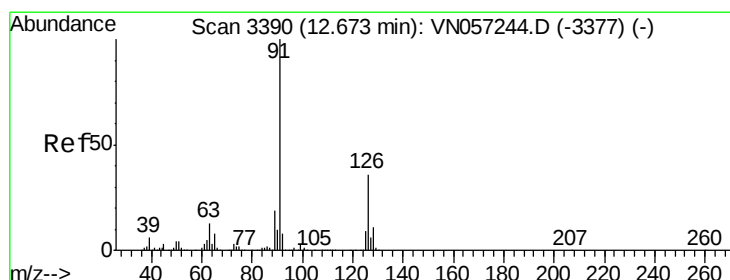
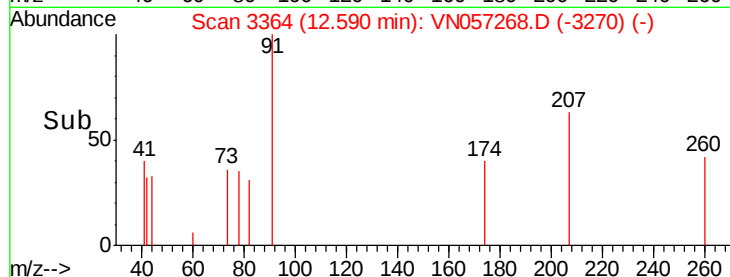


Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



Time-->



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN057268.D

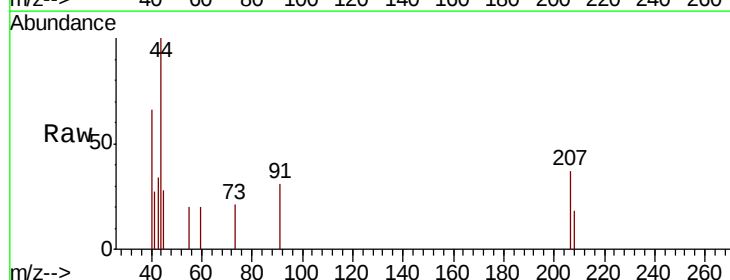
Acq: 14 Aug 2019 00:16

Tgt Ion: 91 Resp: 203

Ion Ratio Lower Upper

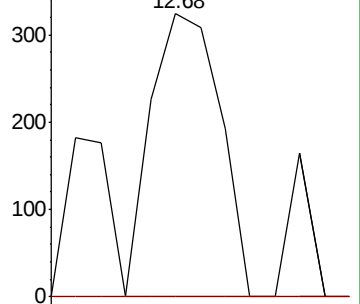
91 100

126 0.0 18.0 54.0#

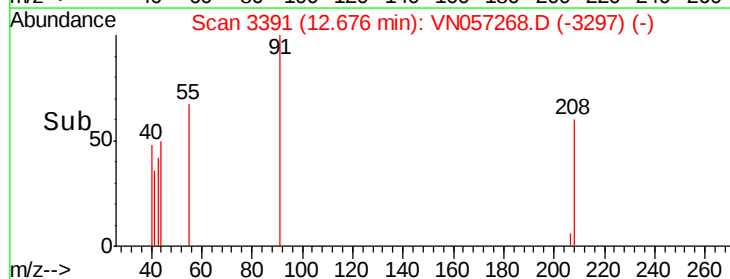


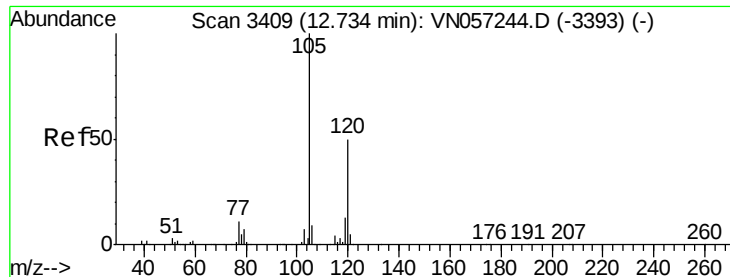
Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V



Time-->





#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.69 min Scan# 3394

Delta R.T. -0.05 min

Lab File: VN057268.D

Acq: 14 Aug 2019 00:16

Instrument :

MSVOA_N

ClientSampleId :

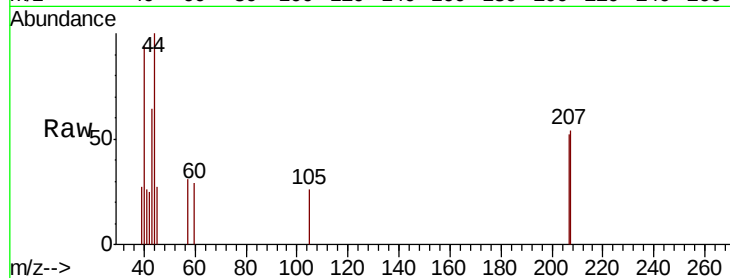
R1-R2-C1-(4.3)

Tgt Ion: 105 Resp: 112

Ion Ratio Lower Upper

105 100

120 59.8 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250

200

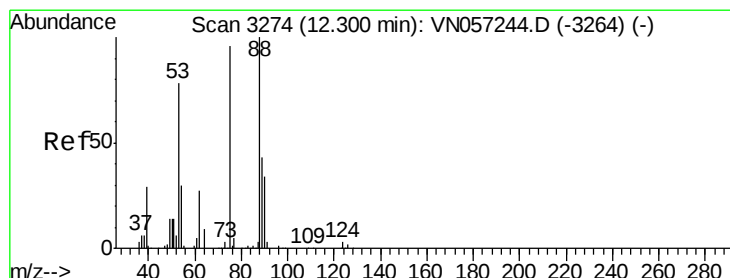
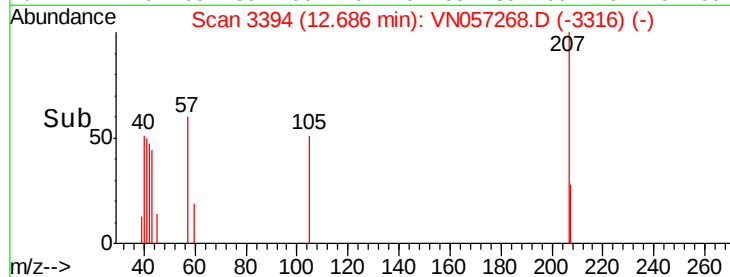
150

100

50

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 90.172 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN057268.D

Acq: 14 Aug 2019 00:16

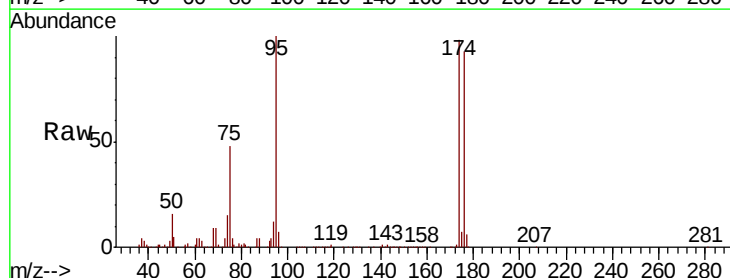
Tgt Ion: 75 Resp: 314428

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

250000

200000

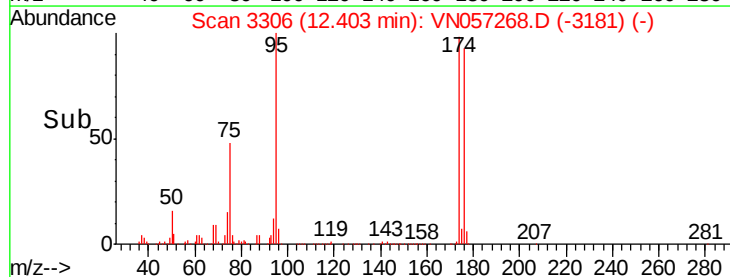
150000

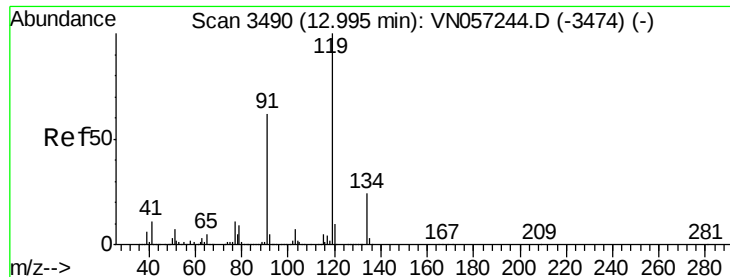
100000

50000

0

Time-->





#83

tert-Butylbenzene

Concen: Below Cal

RT: 13.00 min Scan# 3492

Delta R.T. 0.01 min

Lab File: VN057268.D

Acq: 14 Aug 2019 00:16

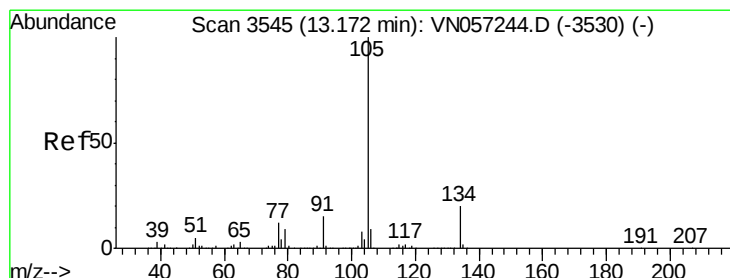
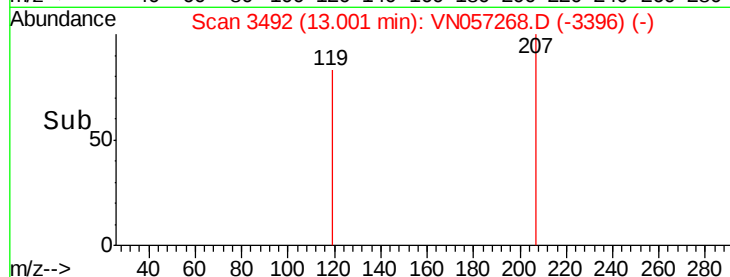
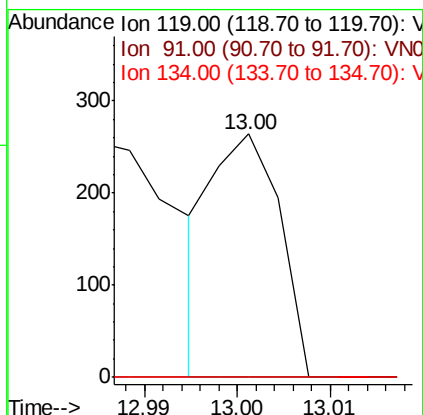
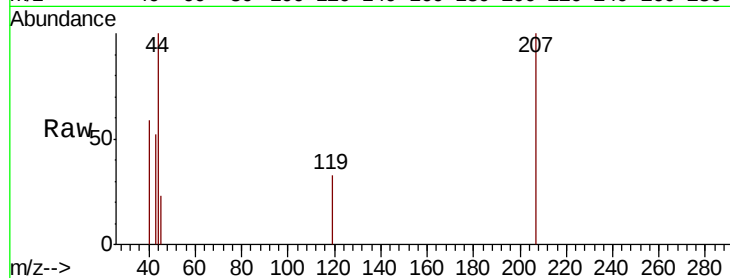
Instrument :

MSVOA_N

ClientSampleId :

R1-R2-C1-(4.3)

Tgt Ion:	119	Resp:	133
Ion	Ratio	Lower	Upper
119	100		
91	0.0	30.8	92.3#
134	0.0	12.9	38.7#



#85

sec-Butylbenzene

Concen: Below Cal

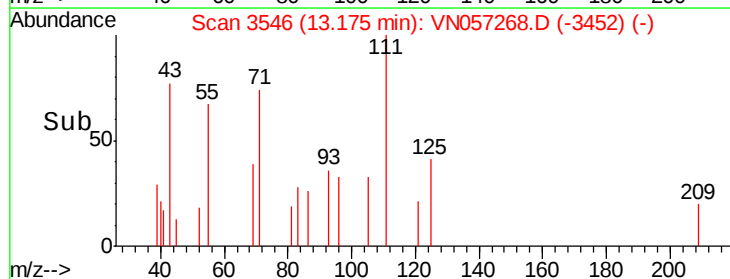
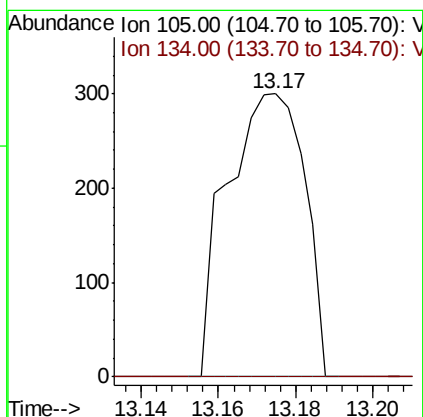
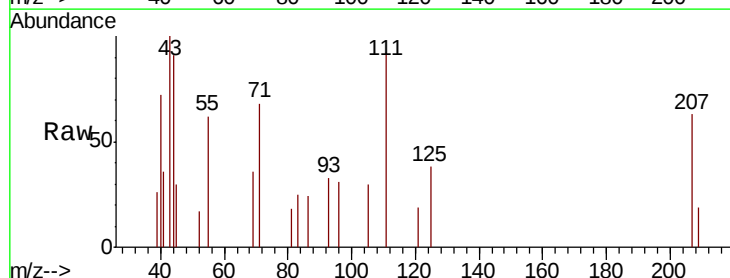
RT: 13.17 min Scan# 3546

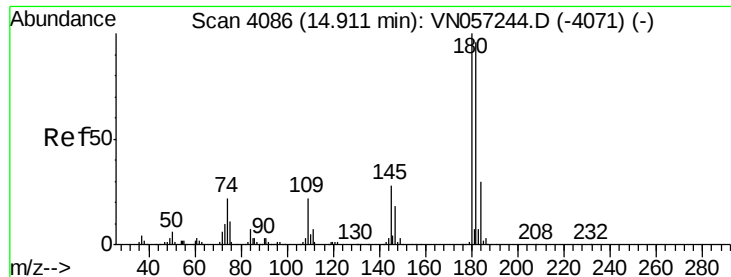
Delta R.T. 0.00 min

Lab File: VN057268.D

Acq: 14 Aug 2019 00:16

Tgt Ion:	105	Resp:	419
Ion	Ratio	Lower	Upper
105	100		
134	0.0	10.4	31.2#

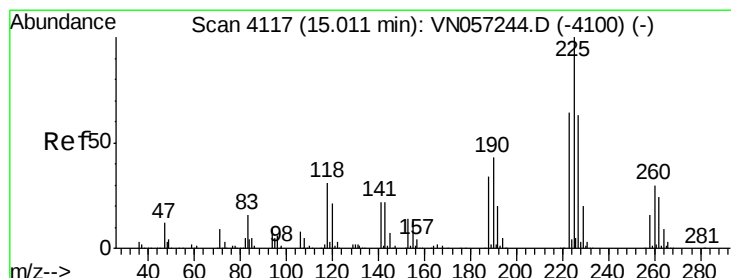
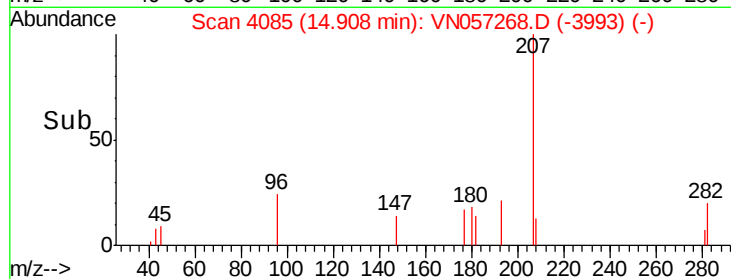
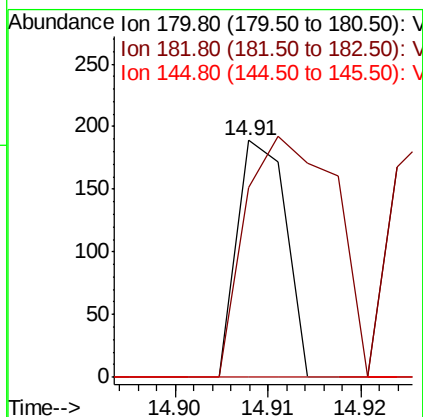
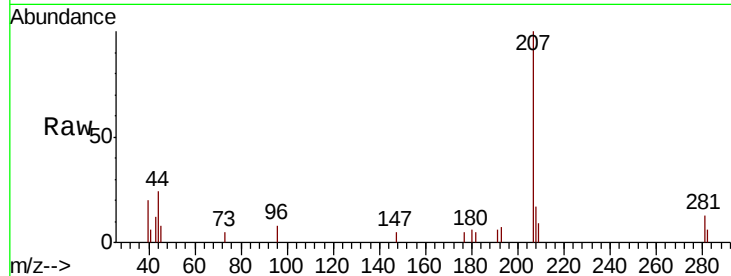




#93
 1,2,4-Trichlorobenzene
 Concen: 3.256 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN057268.D
 Acq: 14 Aug 2019 00:16

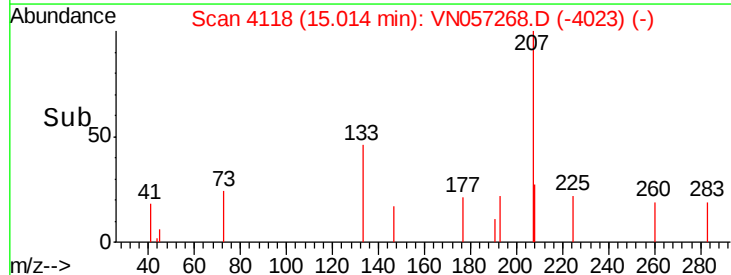
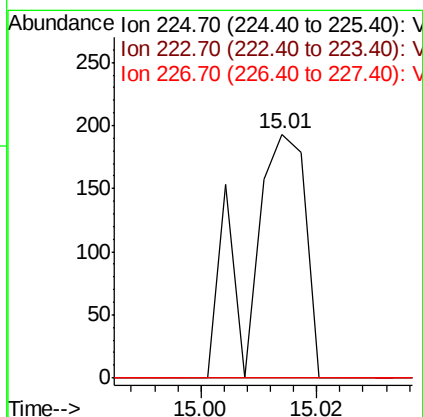
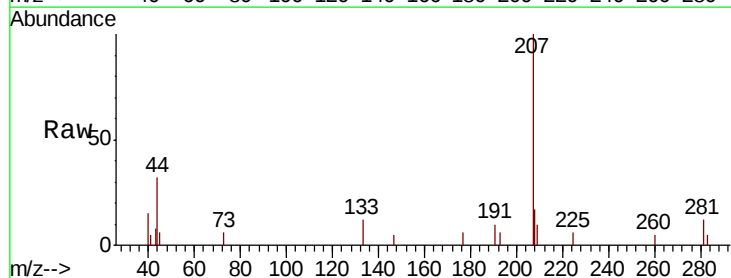
Instrument :
 MSVOA_N
 ClientSampleId :
 R1-R2-C1-(4.3)

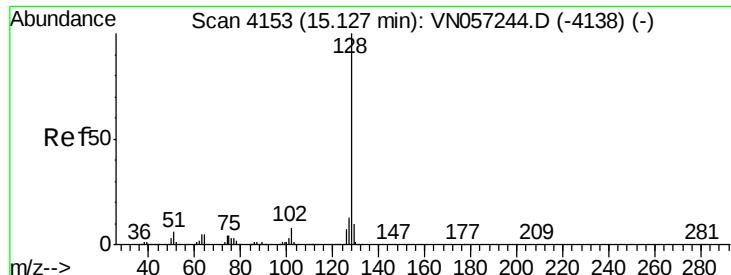
Tgt Ion:180 Resp: 70
 Ion Ratio Lower Upper
 180 100
 182 185.7 47.7 143.1#
 145 0.0 14.2 42.6#



#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN057268.D
 Acq: 14 Aug 2019 00:16

Tgt Ion:225 Resp: 132
 Ion Ratio Lower Upper
 225 100
 223 0.0 31.4 94.2#
 227 0.0 31.4 94.3#





#95
Naphthalene
Concen: Below Cal
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN057268.D
Acq: 14 Aug 2019 00:16

Instrument :
MSVOA_N
ClientSampleId :
R1-R2-C1-(4.3)

Tgt Ion:128 Resp: 519
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.5 12.7#

