

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081319\
 Data File : VN057269.D
 Acq On : 14 Aug 2019 00:41
 Operator : JC/SP
 Sample : K4266-18
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 R1-R2-C2-(4.3)

Quant Time: Aug 14 06:36:07 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	1465580	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	2036228	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1707376	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	440738	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	675667	45.70	ug/l	0.00
Spiked Amount			Recovery	=	91.40%	
35) Dibromofluoromethane	7.58	113	611272	47.01	ug/l	0.00
Spiked Amount			Recovery	=	94.02%	
50) Toluene-d8	10.09	98	2379397	50.17	ug/l	0.00
Spiked Amount			Recovery	=	100.34%	
62) 4-Bromofluorobenzene	12.40	95	624851	38.42	ug/l	0.00
Spiked Amount			Recovery	=	76.84%	

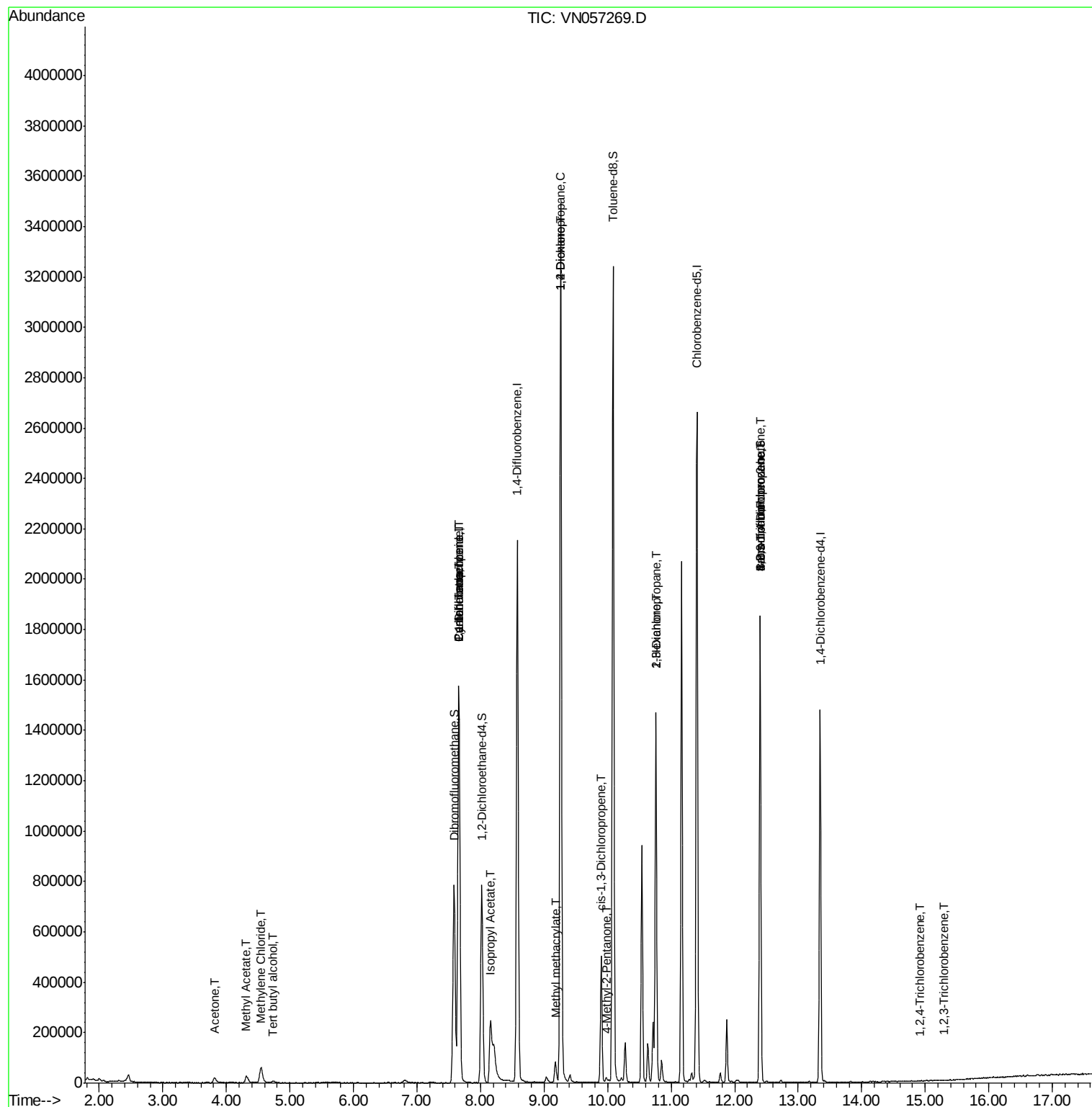
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.73	59	6647	3.339	ug/l #	87
16) Acetone	3.81	43	32039	6.321	ug/l	93
18) Methyl Acetate	4.31	43	54469	3.076	ug/l #	69
20) Methylene Chloride	4.55	84	48779	3.294	ug/l	95
31) Cyclohexane	7.66	56	21172	1.011	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	87962	4.941	ug/l #	48
38) Carbon Tetrachloride	7.66	117	121903	6.446	ug/l #	16
43) Isopropyl Acetate	8.16	43	315794	13.401	ug/l #	76
45) 1,2-Dichloropropane	9.26	63	4879	0.356	ug/l #	43
48) Methyl methacrylate	9.18	41	12065	1.106	ug/l #	10
49) 1,4-Dioxane	9.26	88	521	2.120	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	13939	1.007	ug/l	91
54) cis-1,3-Dichloropropene	9.90	75	99401	4.630	ug/l #	62
57) 1,3-Dichloropropane	10.76	76	15599	0.720	ug/l #	42
59) 2-Hexanone	10.76	43	204330	20.812	ug/l #	50
71) Bromoform	12.40	173	2850	0.276	ug/l #	1
73) Isopropylbenzene	12.25	105	182	Below Cal	#	47
74) N-amyl acetate	12.03	43	7044	Below Cal	#	42
75) 1,1,2,2-Tetrachloroethane	12.41	83	345	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	290744	36.756	ug/l #	100
77) Bromobenzene	12.52	156	66	Below Cal	#	55
78) n-propylbenzene	12.59	91	612	Below Cal	#	51
79) 2-Chlorotoluene	12.68	91	196	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	12.74	105	3277	Below Cal		80
81) trans-1,4-Dichloro-2-buten	12.40	75	290744	88.606	ug/l #	16
83) tert-Butylbenzene	13.00	119	118	Below Cal	#	53
85) sec-Butylbenzene	13.17	105	319	Below Cal	#	55
93) 1,2,4-Trichlorobenzene	14.91	180	292	3.293	ug/l #	54
94) Hexachlorobutadiene	15.00	225	78	Below Cal	#	19
95) Naphthalene	15.13	128	353	Below Cal	#	69
96) 1,2,3-Trichlorobenzene	15.30	180	171	4.266	ug/l #	82

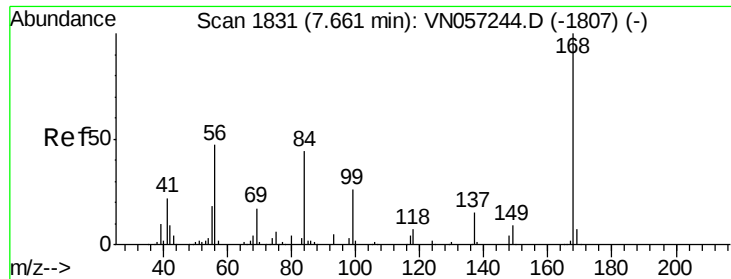
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN057269.D

Acq: 14 Aug 2019 00:41

Instrument :

MSVOA_N

ClientSampleId :

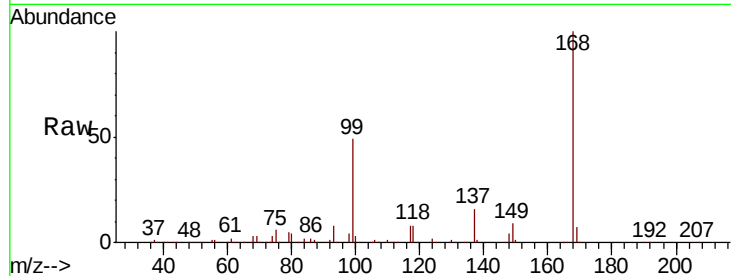
R1-R2-C2-(4.3)

Tgt Ion:168 Resp: 1465580

Ion Ratio Lower Upper

168 100

99 48.6 38.6 58.0



Abundance Ion 167.90 (167.60 to 168.60): VN057244.D (-1807) (-)

Ion 98.90 (98.60 to 99.60): VN057244.D (-1807) (-)

7.66

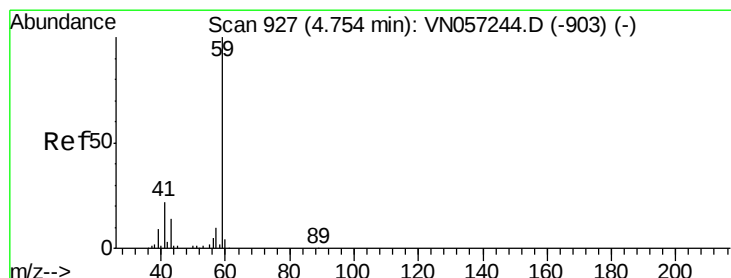
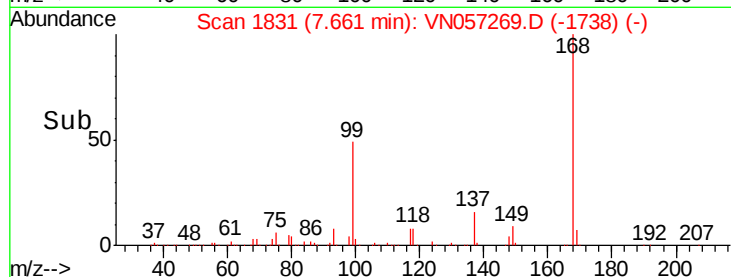
600000

400000

200000

0

Time-->



#11

Tert butyl alcohol

Concen: 3.339 ug/l

RT: 4.73 min Scan# 919

Delta R.T. -0.03 min

Lab File: VN057269.D

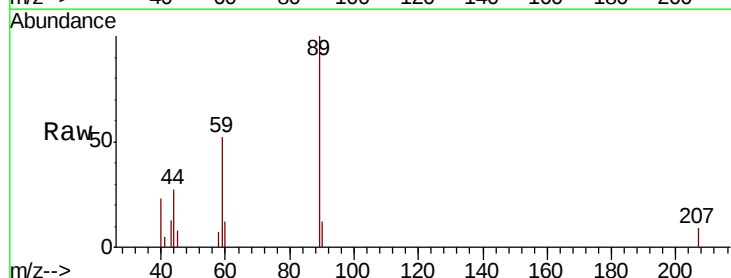
Acq: 14 Aug 2019 00:41

Tgt Ion: 59 Resp: 6647

Ion Ratio Lower Upper

59 100

57 0.0 3.4 5.2#



Abundance Ion 59.00 (58.70 to 59.70): VN057244.D (-903) (-)

Ion 57.00 (56.70 to 57.70): VN057244.D (-903) (-)

4.73

2000

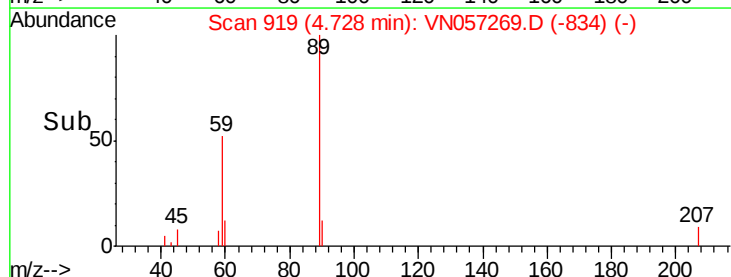
1500

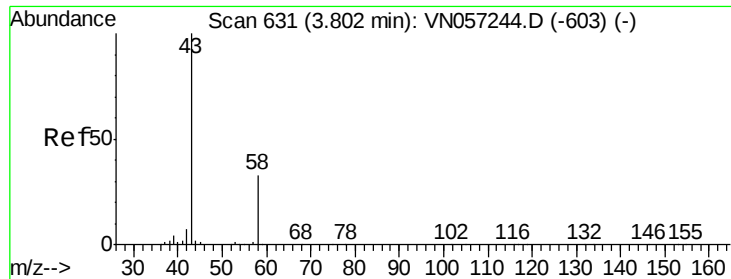
1000

500

0

Time-->

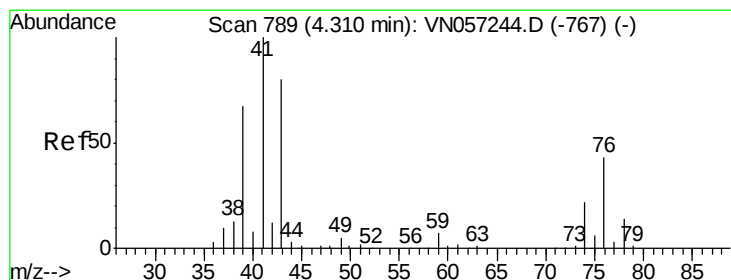
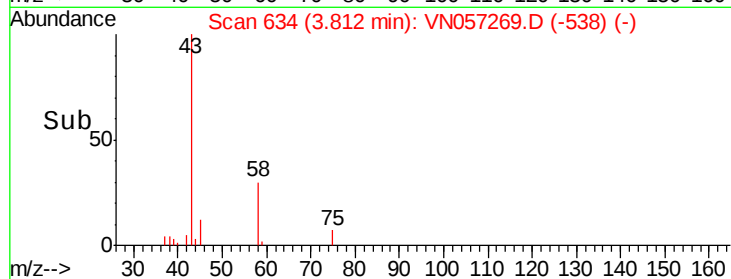
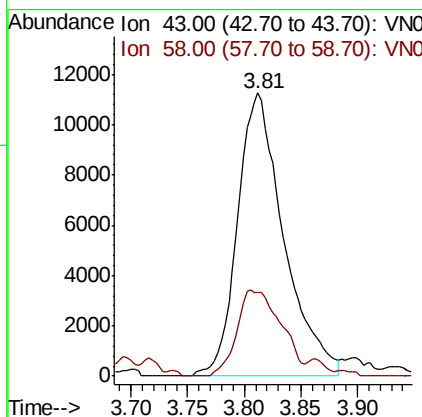
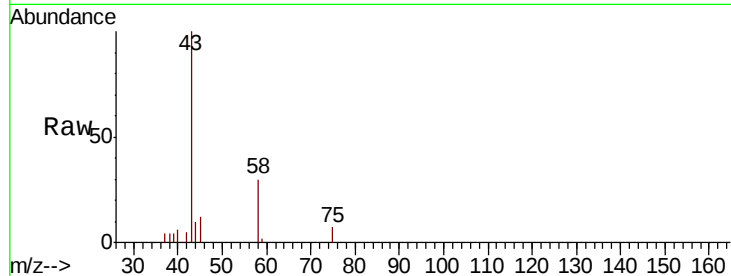




#16
Acetone
Concen: 6.321 ug/l
RT: 3.81 min Scan# 634
Delta R.T. 0.01 min
Lab File: VN057269.D
Acq: 14 Aug 2019 00:41

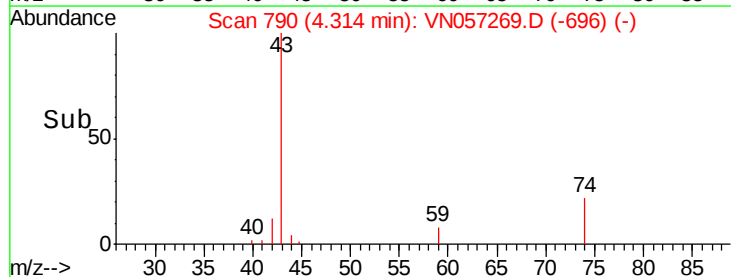
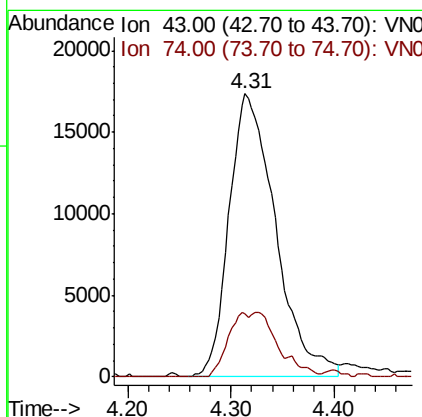
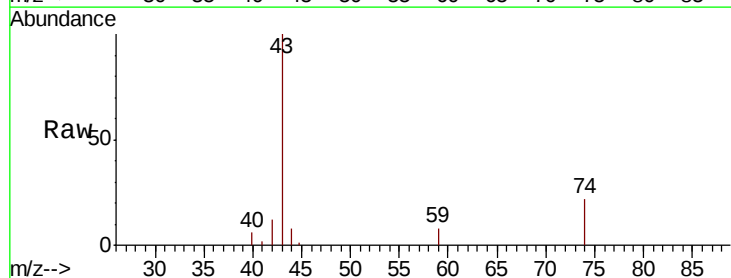
Instrument :
MSVOA_N
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R1-R2-C2-(4.3)

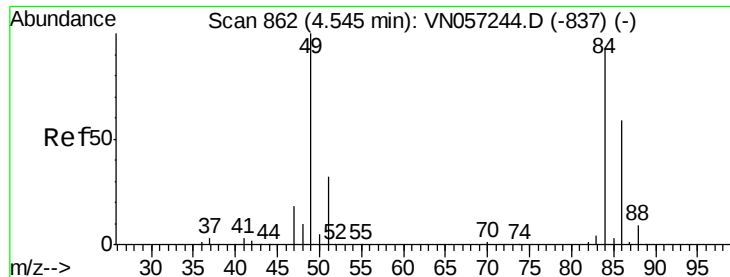
Tgt Ion: 43 Resp: 32039
Ion Ratio Lower Upper
43 100
58 29.5 26.7 40.1



#18
Methyl Acetate
Concen: 3.076 ug/l
RT: 4.31 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN057269.D
Acq: 14 Aug 2019 00:41

Tgt Ion: 43 Resp: 54469
Ion Ratio Lower Upper
43 100
74 10.3 20.6 31.0#

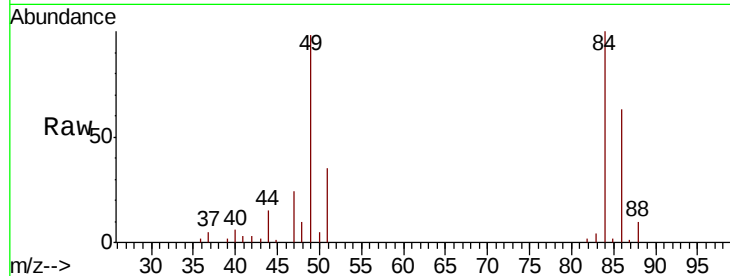




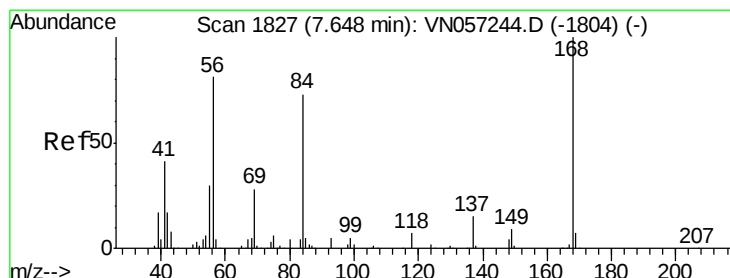
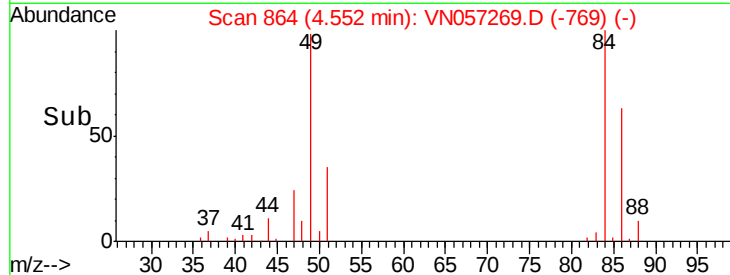
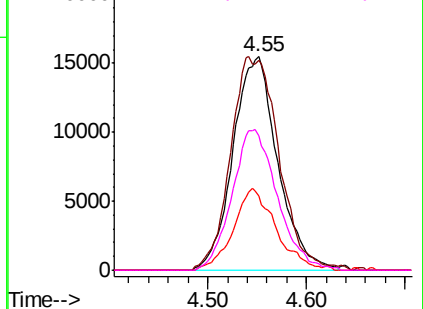
#20
Methylene Chloride
Concen: 3.294 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.01 min
Lab File: VN057269.D
Acq: 14 Aug 2019 00:41

Instrument :
MSVOA_N
ClientSampleId :
R1-R2-C2-(4.3)

Tgt Ion:	84	Resp:	48779
Ion	Ratio	Lower	Upper
84	100		
49	98.3	85.9	128.9
51	34.5	27.1	40.7
86	62.9	51.0	76.6

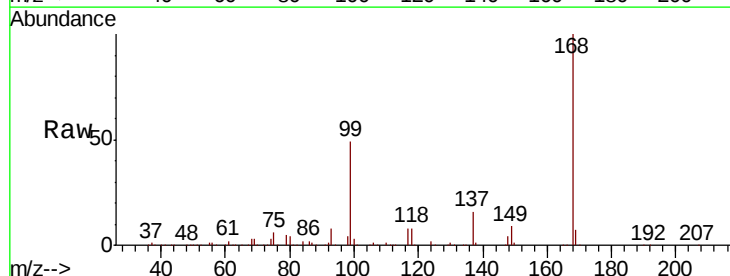


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

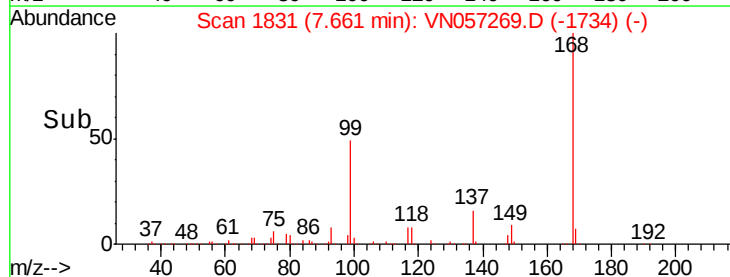
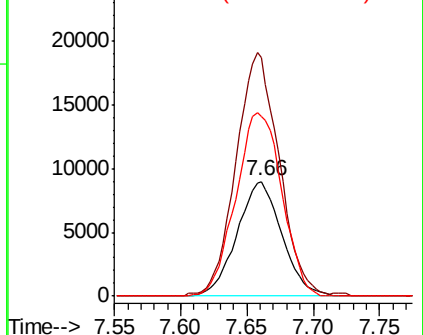


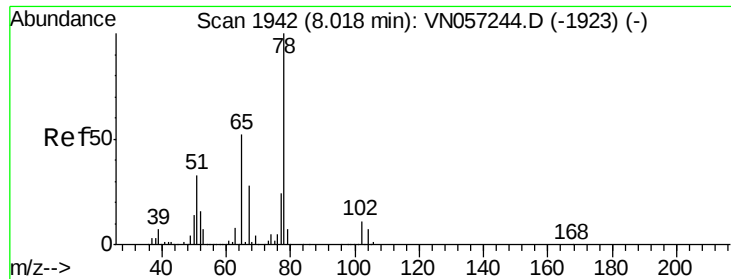
#31
Cyclohexane
Concen: 1.011 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN057269.D
Acq: 14 Aug 2019 00:41

Tgt Ion:	56	Resp:	21172
Ion	Ratio	Lower	Upper
56	100		
69	205.3	27.8	41.8#
84	156.6	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: 45.701 ug/l

RT: 8.02 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN057269.D

Acq: 14 Aug 2019 00:41

Instrument :

MSVOA_N

ClientSampleId :

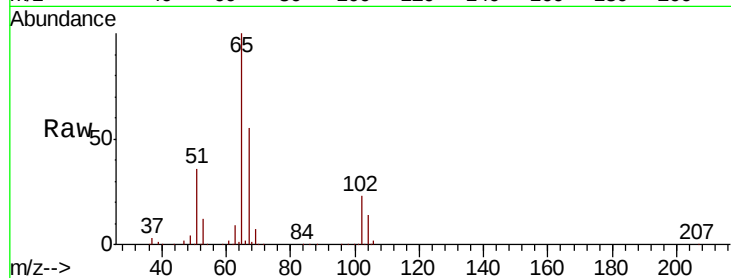
R1-R2-C2-(4.3)

Tgt Ion: 65 Resp: 675667

Ion Ratio Lower Upper

65 100

67 54.4 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.02

300000

250000

200000

150000

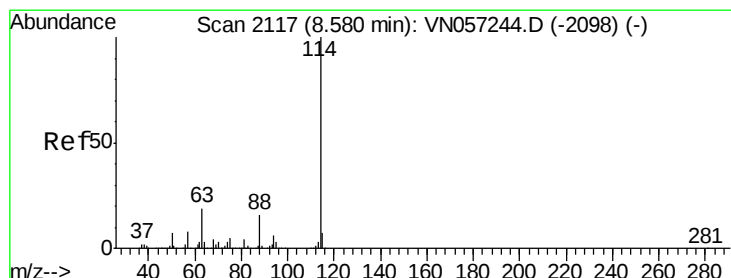
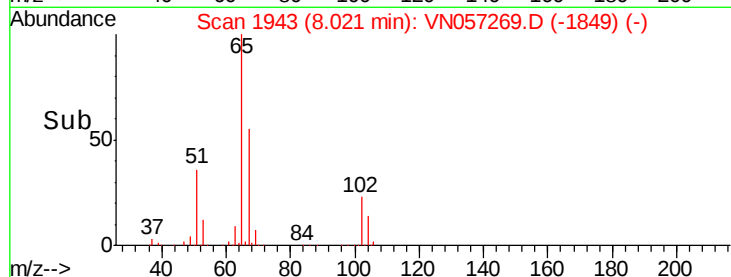
100000

50000

0

Time-->

7.90 8.00 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2117

Delta R.T. 0.00 min

Lab File: VN057269.D

Acq: 14 Aug 2019 00:41

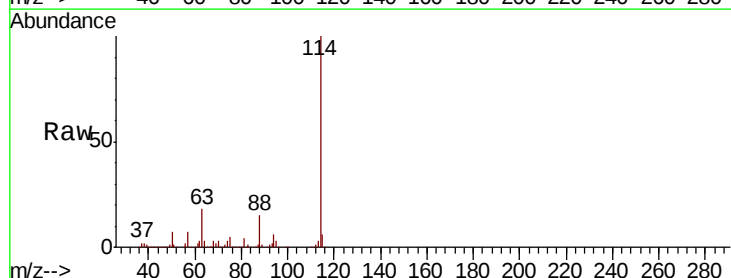
Tgt Ion: 114 Resp: 2036228

Ion Ratio Lower Upper

114 100

63 18.4 0.0 37.0

88 15.0 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

8.58

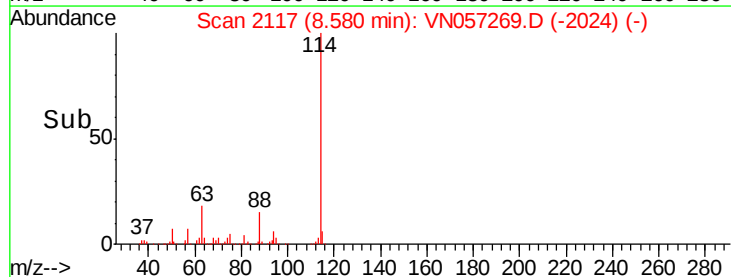
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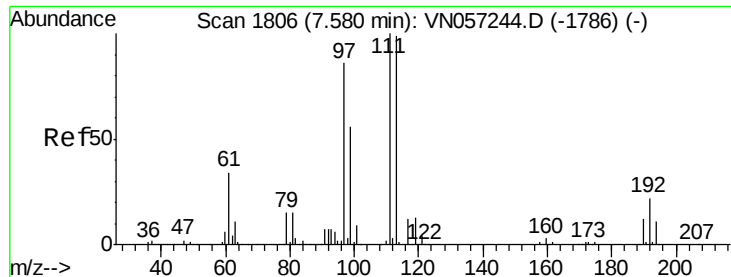
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0

Time-->

8.50 8.60 8.70

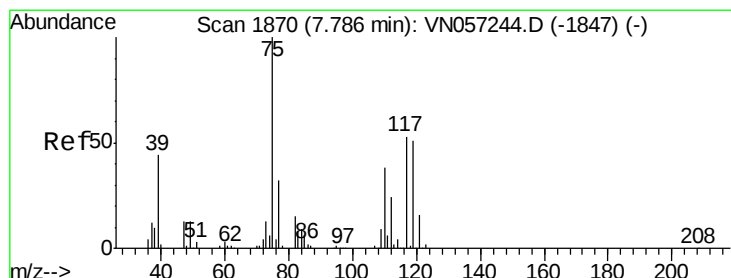
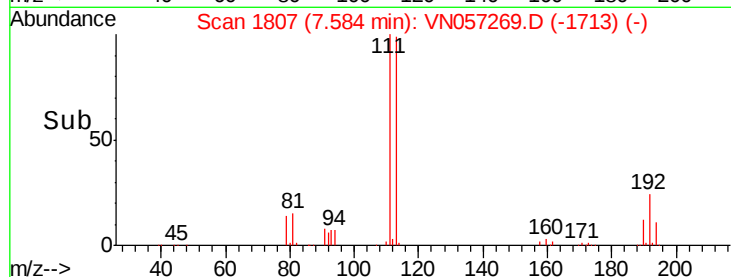
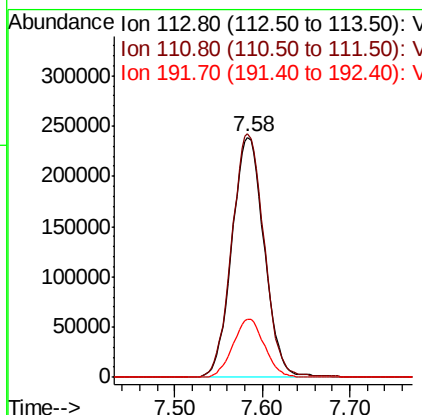
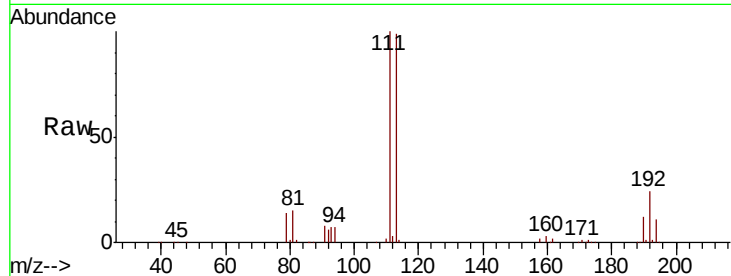




#35
 Dibromofluoromethane
 Concen: 47.015 ug/l
 RT: 7.58 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN057269.D
 Acq: 14 Aug 2019 00:41

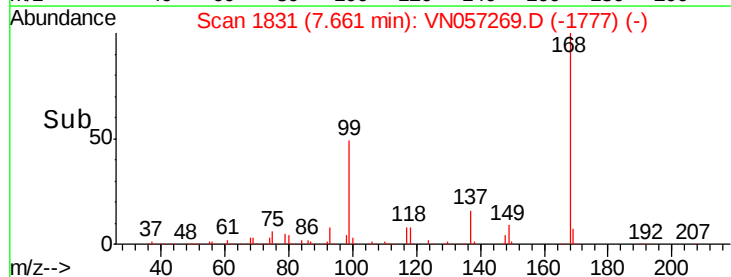
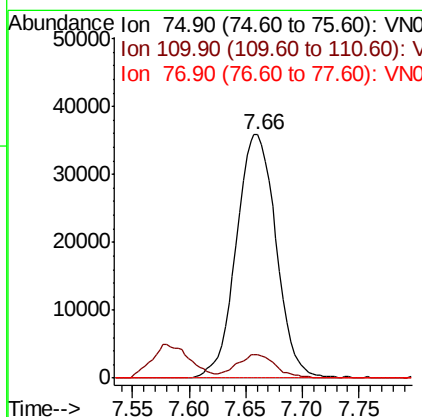
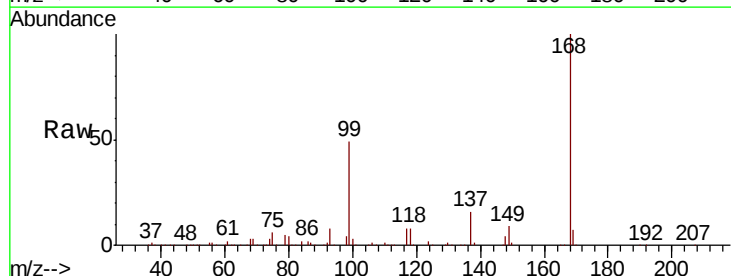
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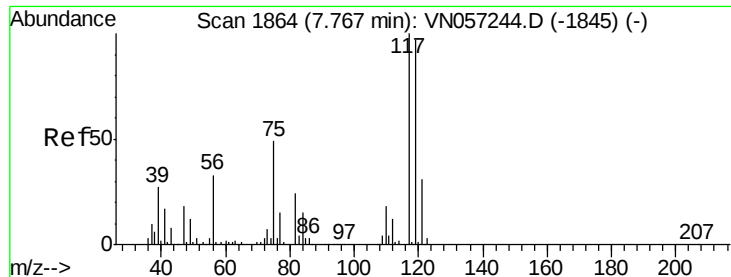
Tgt Ion:113 Resp: 611272
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.4 122.2
 192 23.8 18.8 28.2



#36
 1,1-Dichloropropene
 Concen: 4.941 ug/l
 RT: 7.66 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN057269.D
 Acq: 14 Aug 2019 00:41

Tgt Ion: 75 Resp: 87962
 Ion Ratio Lower Upper
 75 100
 110 9.5 19.1 57.1#
 77 0.0 25.2 37.8#





#38

Carbon Tetrachloride

Concen: 6.446 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. -0.11 min

Lab File: VN057269.D

Acq: 14 Aug 2019 00:41

Instrument :

MSVOA_N

ClientSampleId :

R1-R2-C2-(4.3)

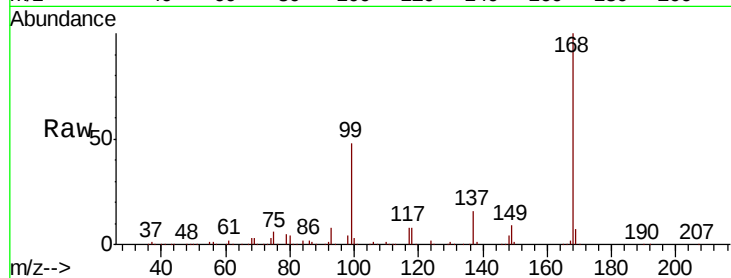
Tgt Ion:117 Resp: 121903

Ion Ratio Lower Upper

117 100

119 5.4 77.8 116.6#

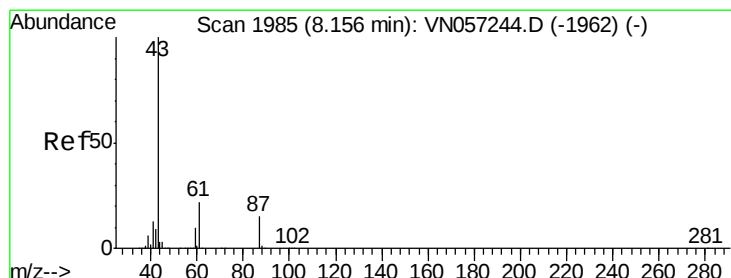
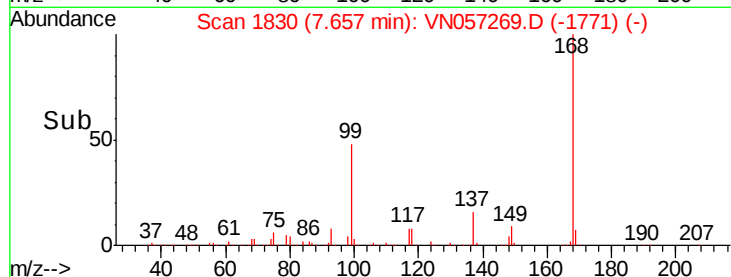
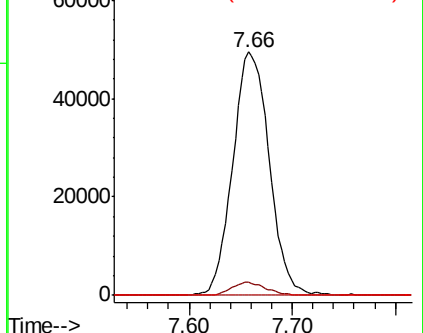
121 0.0 24.9 37.3#



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: 13.401 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN057269.D

Acq: 14 Aug 2019 00:41

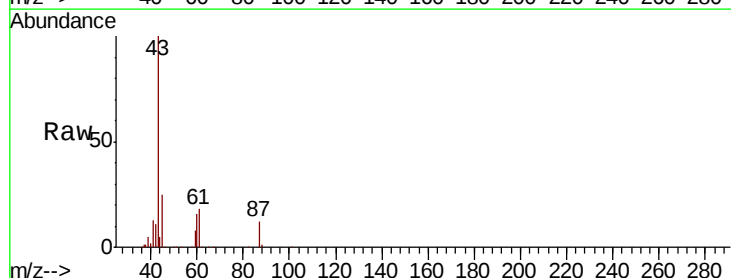
Tgt Ion: 43 Resp: 315794

Ion Ratio Lower Upper

43 100

61 14.0 23.5 35.3#

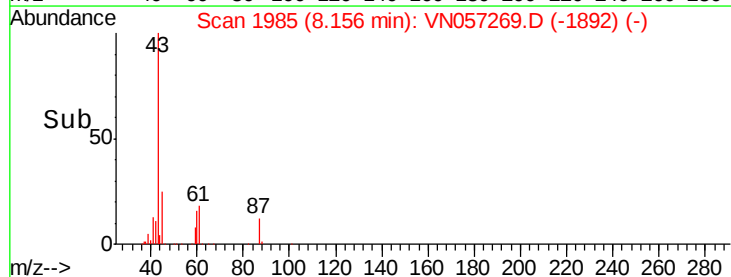
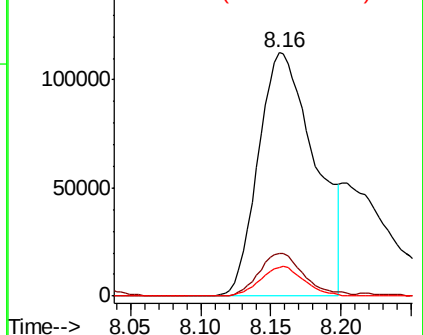
87 9.4 12.1 18.1#

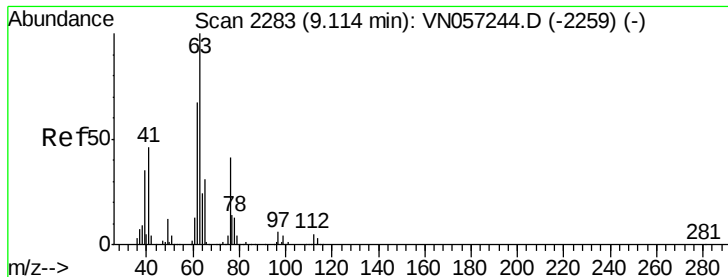


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#45

1,2-Dichloropropane

Concen: 0.356 ug/l

RT: 9.26 min Scan# 2328

Delta R.T. 0.14 min

Lab File: VN057269.D

Acq: 14 Aug 2019 00:41

Instrument :

MSVOA_N

ClientSampleId :

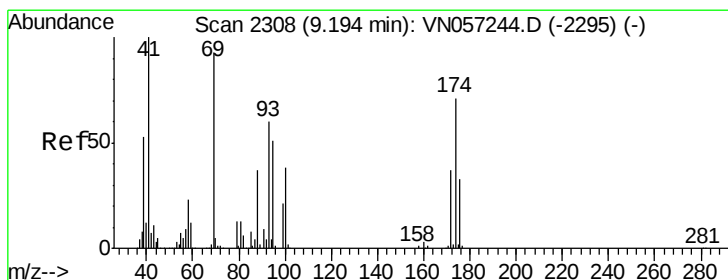
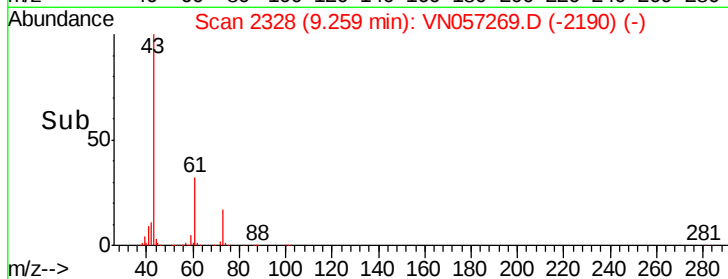
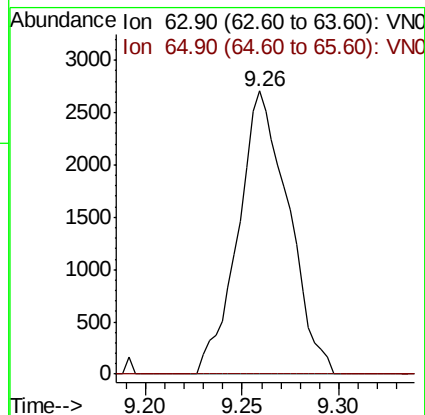
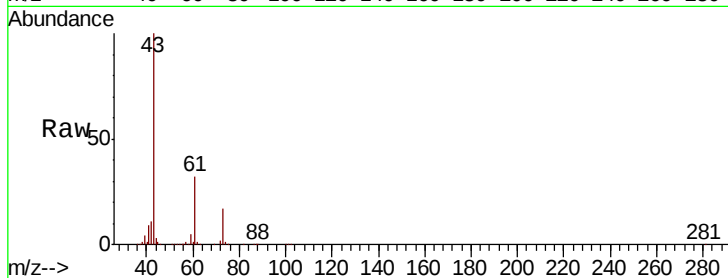
R1-R2-C2-(4.3)

Tgt Ion: 63 Resp: 4879

Ion Ratio Lower Upper

63 100

65 0.0 25.0 37.4#



#48

Methyl methacrylate

Concen: 1.106 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. -0.02 min

Lab File: VN057269.D

Acq: 14 Aug 2019 00:41

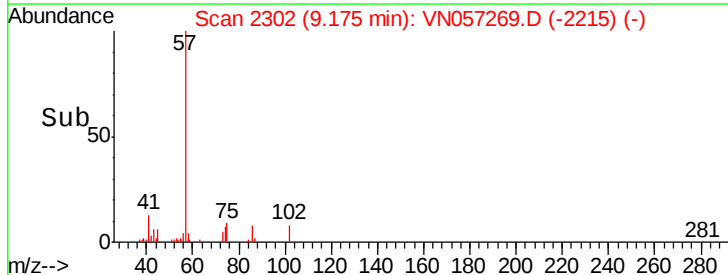
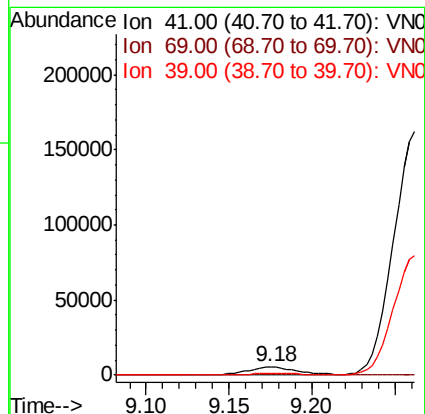
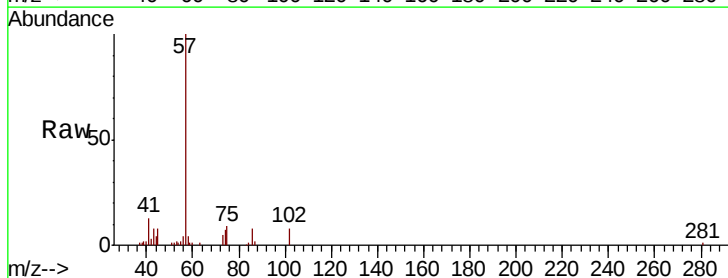
Tgt Ion: 41 Resp: 12065

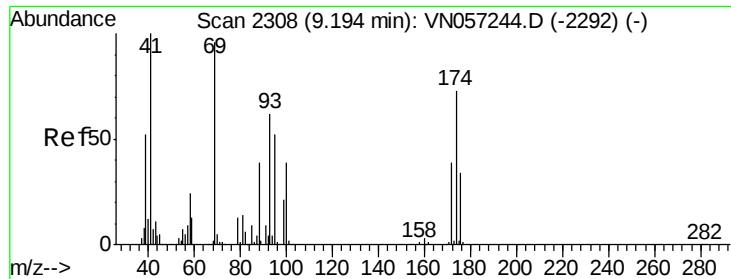
Ion Ratio Lower Upper

41 100

69 0.0 75.7 113.5#

39 0.0 43.3 64.9#





#49

1,4-Dioxane

Concen: 2.120 ug/l

RT: 9.26 min Scan# 2329

Delta R.T. 0.07 min

Lab File: VN057269.D

Acq: 14 Aug 2019 00:41

Instrument :

MSVOA_N

ClientSampleId :

R1-R2-C2-(4.3)

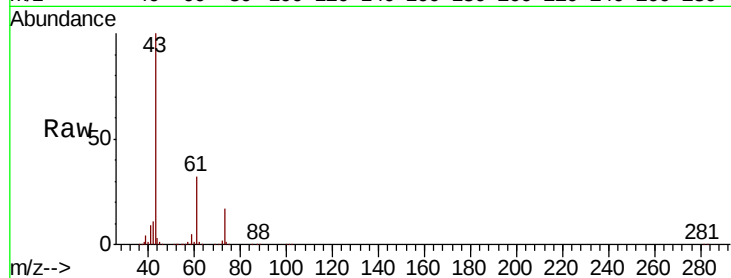
Tgt Ion: 88 Resp: 521

Ion Ratio Lower Upper

88 100

43 641363.1 20.7 31.1#

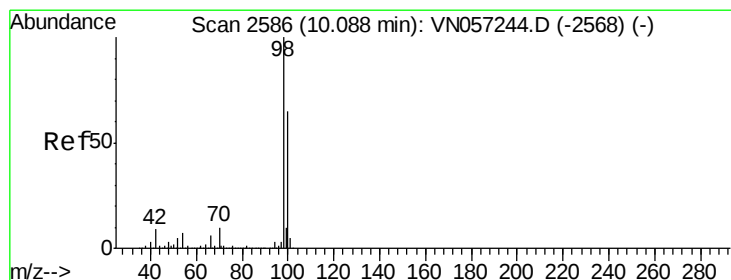
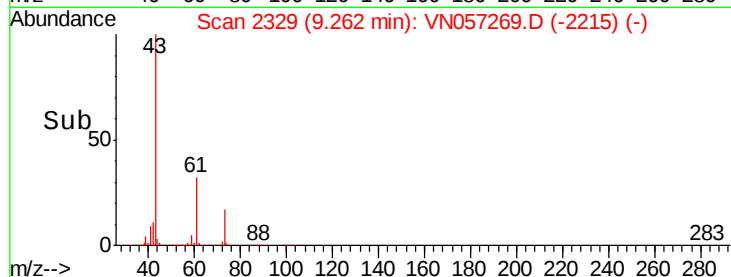
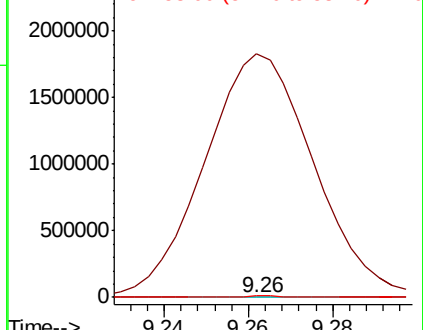
58 2870.8 52.0 78.0#



Abundance Ion 88.00 (87.70 to 88.70): VN057269.D (-2329) (-)

Ion 43.00 (42.70 to 43.70): VN057269.D (-2329) (-)

Ion 58.00 (57.70 to 58.70): VN057269.D (-2329) (-)



#50

Toluene-d8

Concen: 50.175 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN057269.D

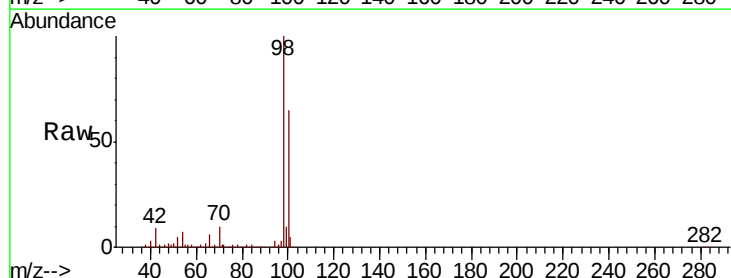
Acq: 14 Aug 2019 00:41

Tgt Ion: 98 Resp: 2379397

Ion Ratio Lower Upper

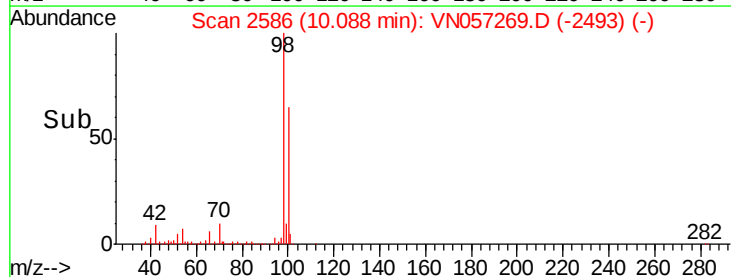
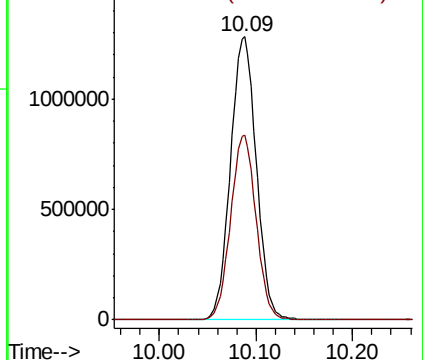
98 100

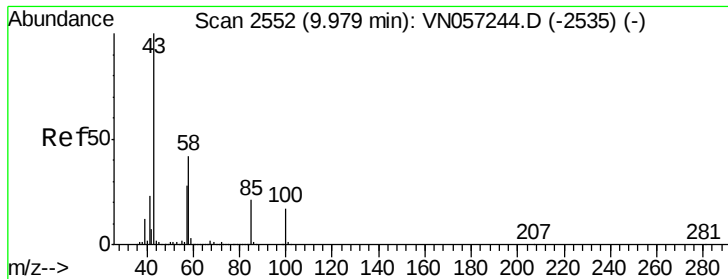
100 64.5 51.8 77.6



Abundance Ion 98.00 (97.70 to 98.70): VN057269.D (-2586) (-)

Ion 100.00 (99.70 to 100.70): VN057269.D (-2586) (-)

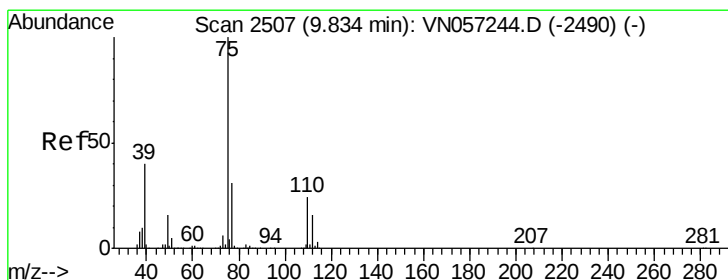
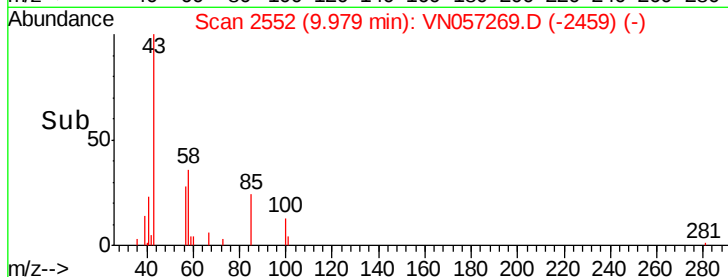
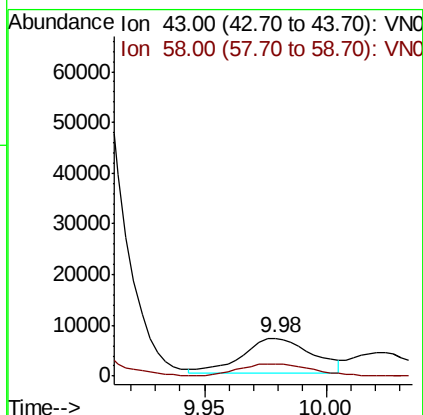
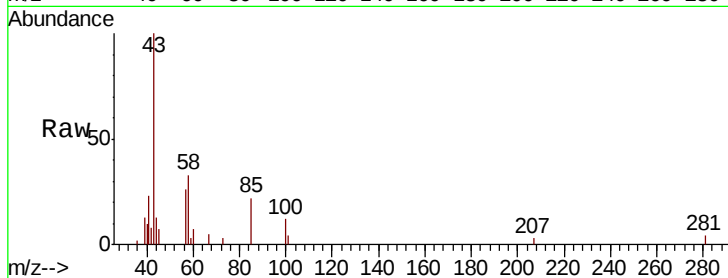




#51
 4-Methyl-2-Pentanone
 Concen: 1.007 ug/l
 RT: 9.98 min Scan# 2552
 Delta R.T. 0.00 min
 Lab File: VN057269.D
 Acq: 14 Aug 2019 00:41

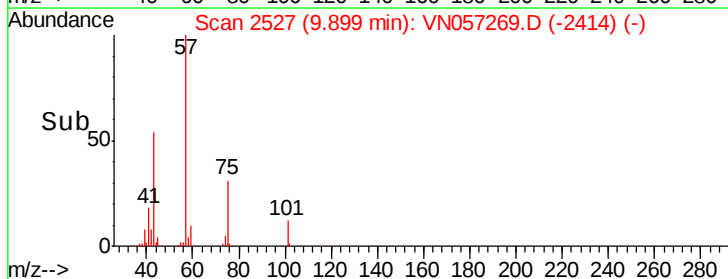
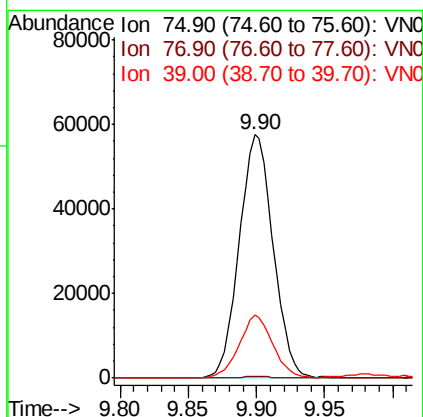
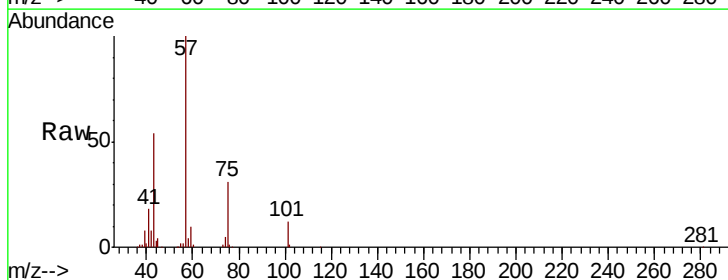
Instrument :
 MSVOA_N
 ClientSampleId :
 R1-R2-C2-(4.3)

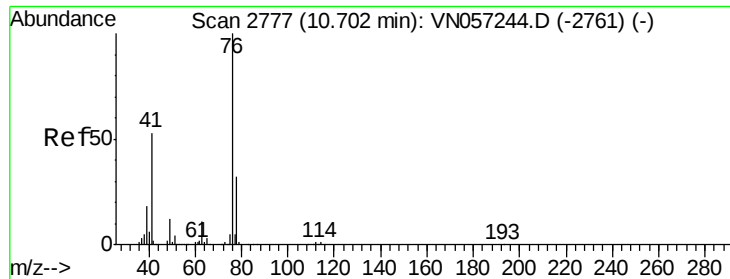
Tgt Ion: 43 Resp: 13939
 Ion Ratio Lower Upper
 43 100
 58 36.4 33.7 50.5



#54
 cis-1,3-Dichloropropene
 Concen: 4.630 ug/l
 RT: 9.90 min Scan# 2527
 Delta R.T. 0.06 min
 Lab File: VN057269.D
 Acq: 14 Aug 2019 00:41

Tgt Ion: 75 Resp: 99401
 Ion Ratio Lower Upper
 75 100
 77 0.6 25.0 37.6#
 39 25.7 32.3 48.5#

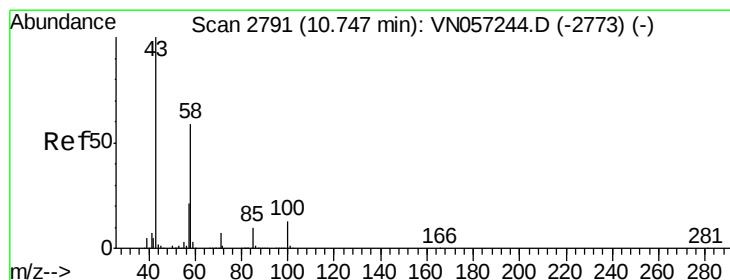
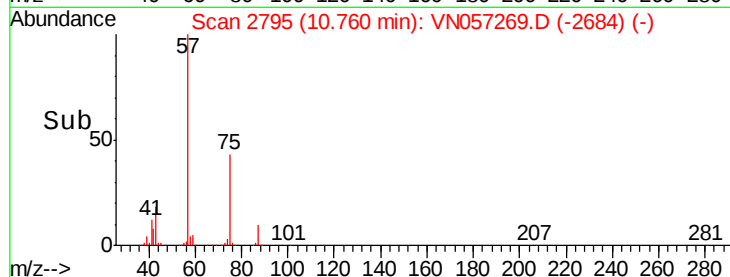
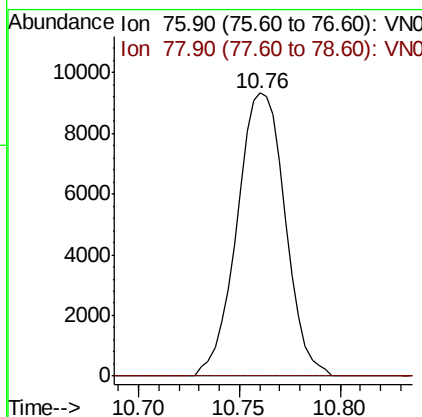
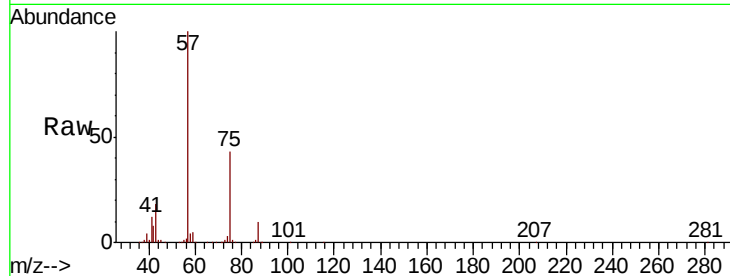




#57
 1,3-Dichloropropane
 Concen: 0.720 ug/l
 RT: 10.76 min Scan# 2795
 Delta R.T. 0.06 min
 Lab File: VN057269.D
 Acq: 14 Aug 2019 00:41

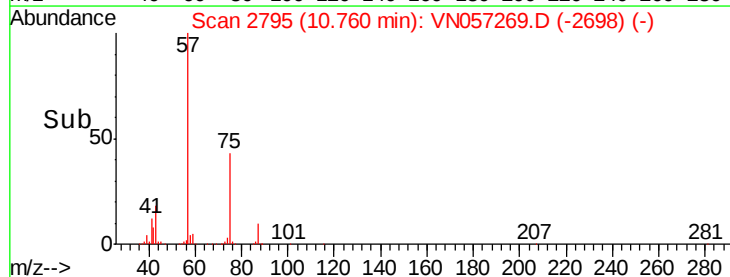
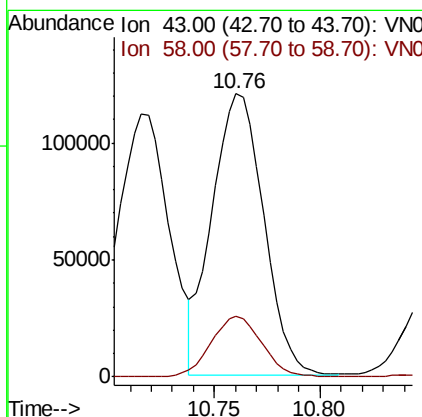
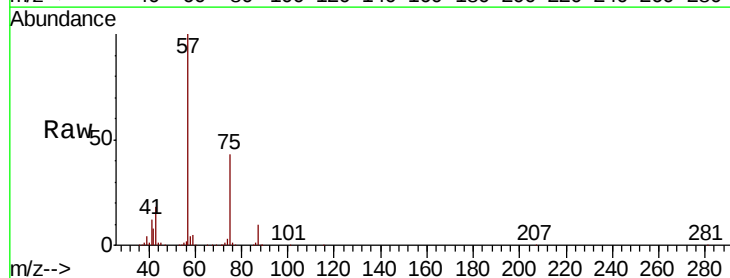
Instrument :
 MSVOA_N
 ClientSampleId :
 R1-R2-C2-(4.3)

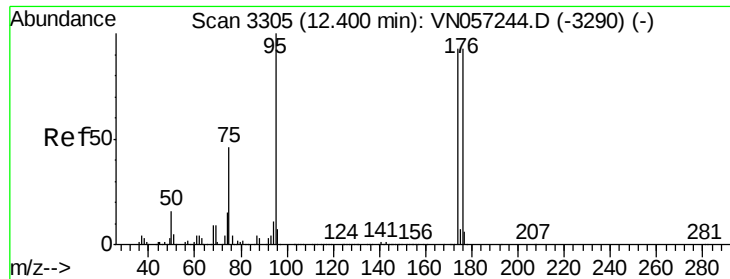
Tgt Ion: 76 Resp: 15599
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.0 39.0#



#59
 2-Hexanone
 Concen: 20.812 ug/l
 RT: 10.76 min Scan# 2795
 Delta R.T. 0.01 min
 Lab File: VN057269.D
 Acq: 14 Aug 2019 00:41

Tgt Ion: 43 Resp: 204330
 Ion Ratio Lower Upper
 43 100
 58 21.3 29.1 87.4#





#62

4-Bromofluorobenzene

Concen: 38.422 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN057269.D

Acq: 14 Aug 2019 00:41

Instrument :

MSVOA_N

ClientSampleId :

R1-R2-C2-(4.3)

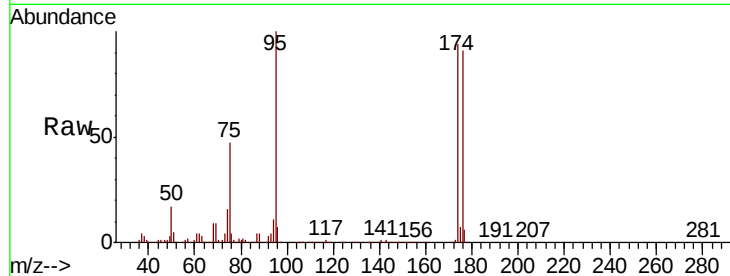
Tgt Ion: 95 Resp: 624851

Ion Ratio Lower Upper

95 100

174 95.7 0.0 187.6

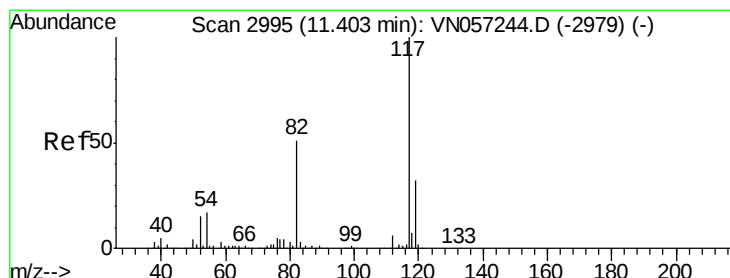
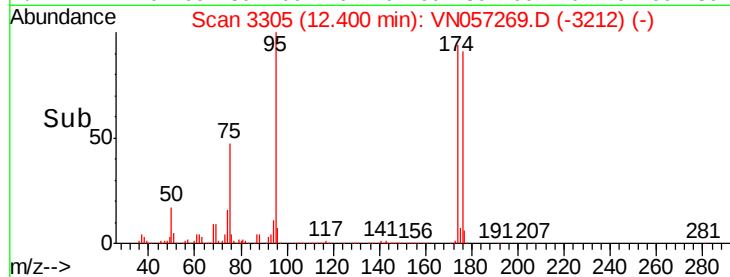
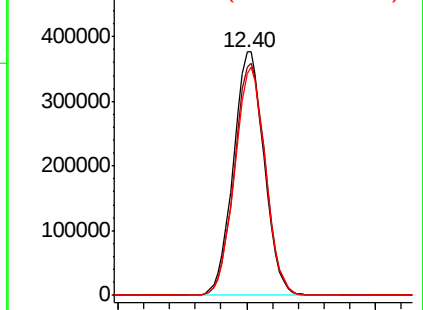
176 93.3 0.0 185.8



Abundance Ion 94.90 (94.60 to 95.60): VN057244.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN057244.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN057244.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057269.D

Acq: 14 Aug 2019 00:41

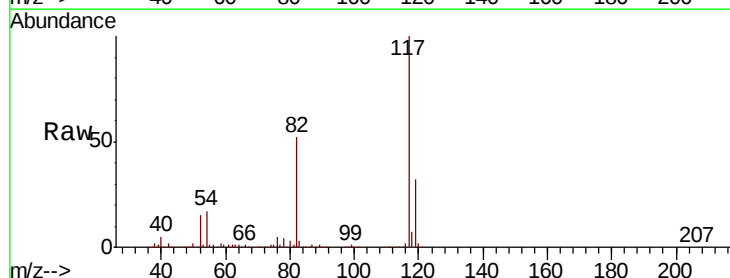
Tgt Ion: 117 Resp: 1707376

Ion Ratio Lower Upper

117 100

82 51.5 40.9 61.3

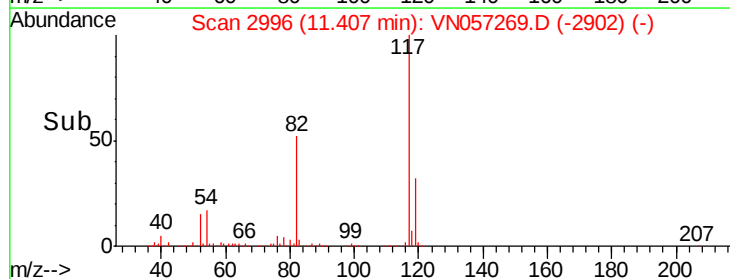
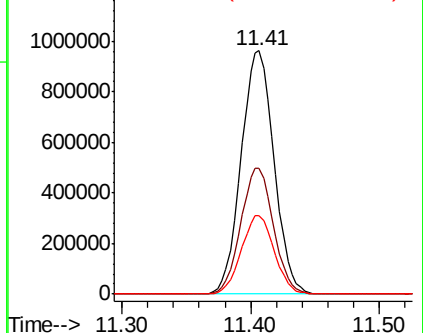
119 32.2 25.4 38.2

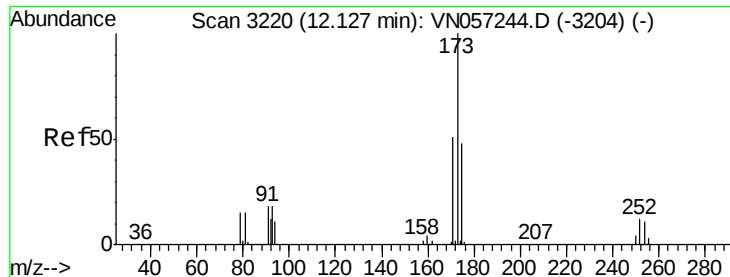


Abundance Ion 116.90 (116.60 to 117.60): VN057244.D (-2979) (-)

Ion 82.00 (81.70 to 82.70): VN057244.D (-2979) (-)

Ion 118.90 (118.60 to 119.60): VN057244.D (-2979) (-)





#71

Bromoform

Concen: 0.276 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN057269.D

Acq: 14 Aug 2019 00:41

Instrument :

MSVOA_N

ClientSampleId :

R1-R2-C2-(4.3)

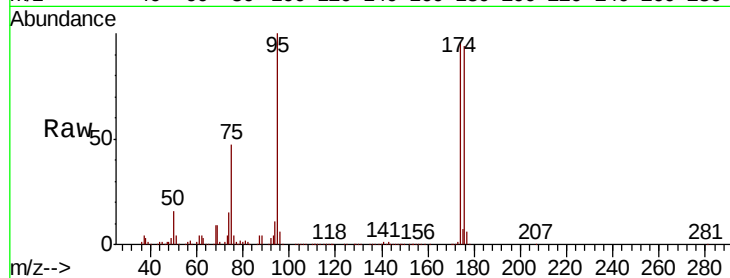
Tgt Ion:173 Resp: 2850

Ion Ratio Lower Upper

173 100

175 1382.5 24.4 73.2#

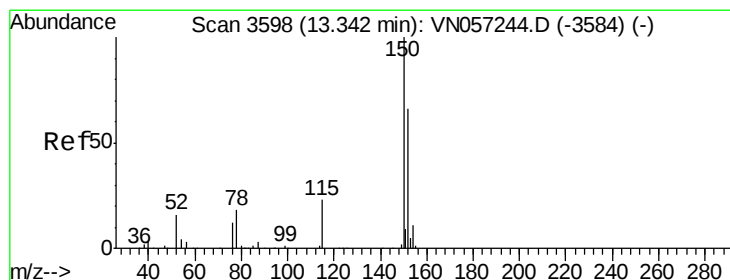
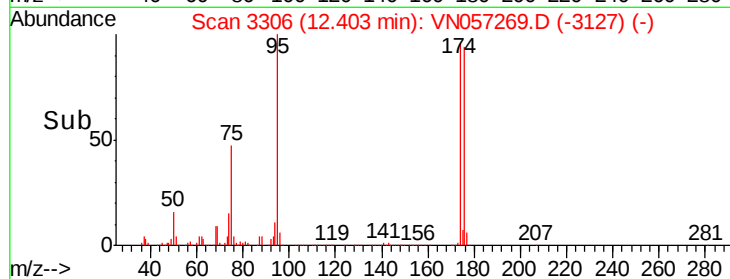
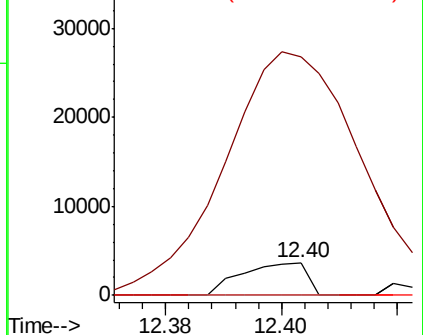
254 0.0 0.2 0.2#



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: VN057269.D

Acq: 14 Aug 2019 00:41

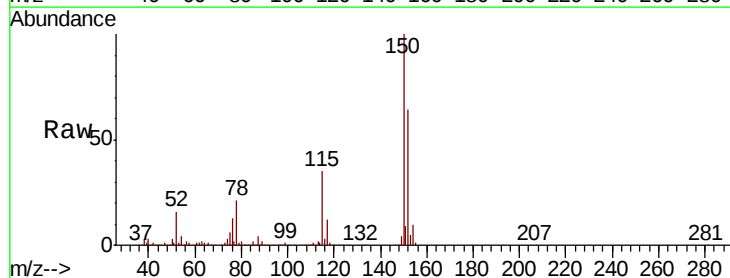
Tgt Ion:152 Resp: 440738

Ion Ratio Lower Upper

152 100

115 55.1 27.6 82.8

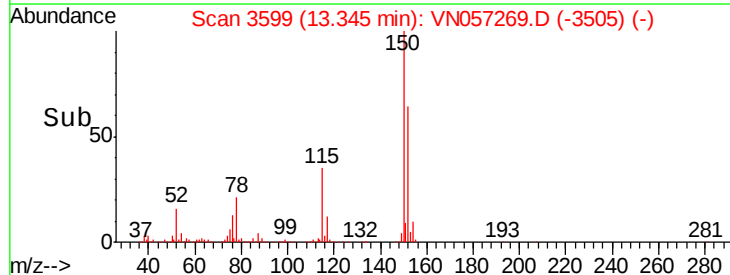
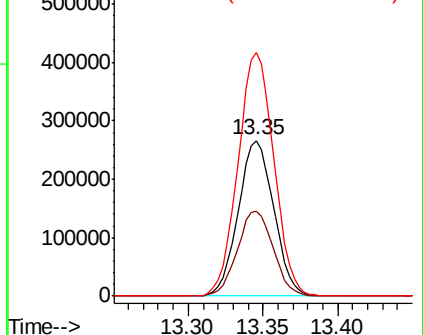
150 157.8 0.0 348.4

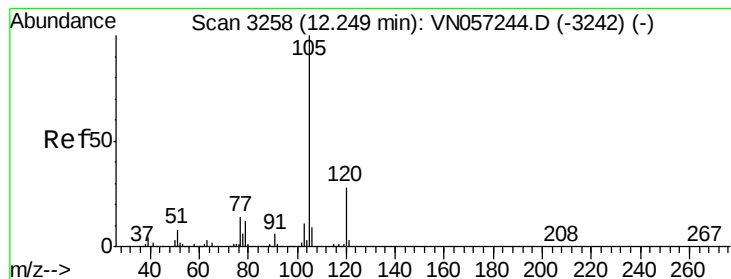


Abundance Ion 151.90 (151.60 to 152.60): V

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# 3257

Delta R.T. -0.00 min

Lab File: VN057269.D

Acq: 14 Aug 2019 00:41

Instrument :

MSVOA_N

ClientSampleId :

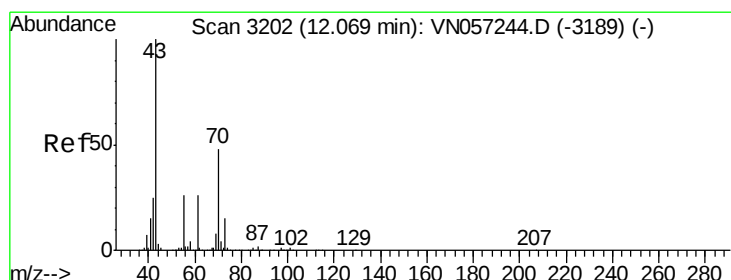
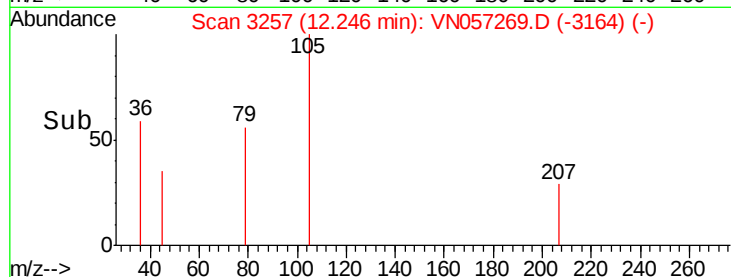
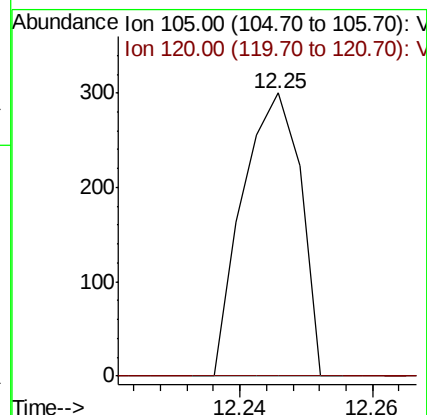
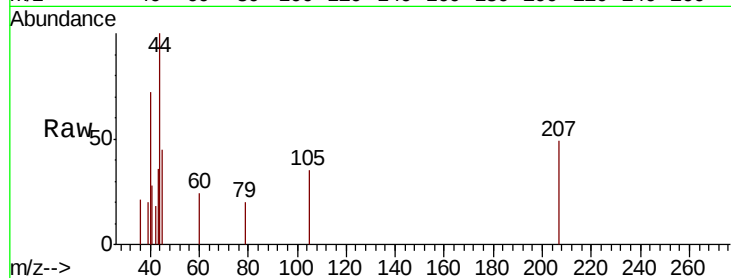
R1-R2-C2-(4.3)

Tgt Ion: 105 Resp: 182

Ion Ratio Lower Upper

105 100

120 0.0 13.8 41.3#



#74

N-ethyl acetate

Concen: Below Cal

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN057269.D

Acq: 14 Aug 2019 00:41

Tgt Ion: 43 Resp: 7044

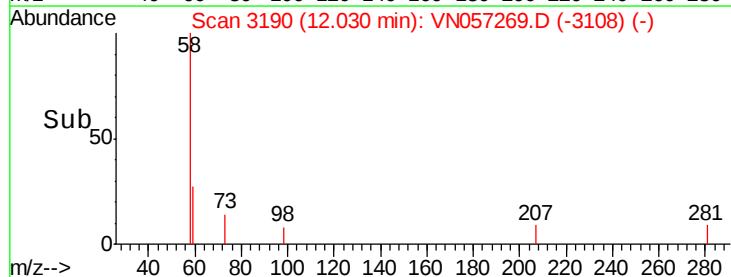
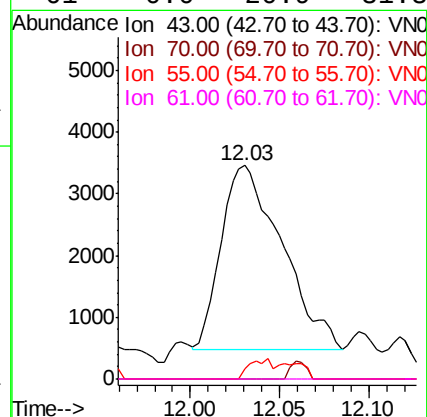
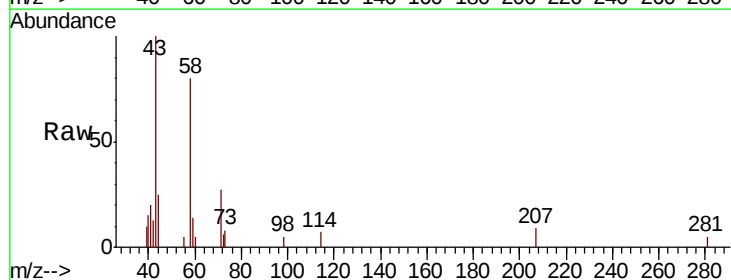
Ion Ratio Lower Upper

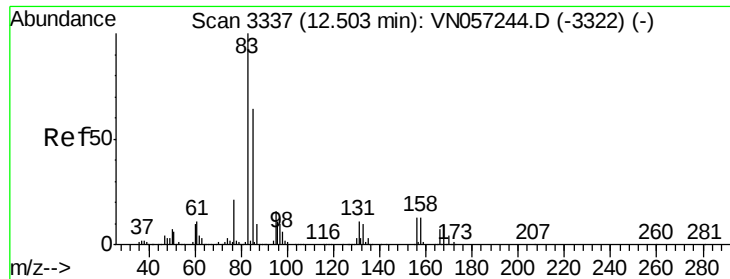
43 100

70 0.0 37.4 56.2#

55 4.6 21.0 31.4#

61 0.0 20.9 31.3#





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.41 min Scan# 3307

Delta R.T. -0.10 min

Lab File: VN057269.D

Acq: 14 Aug 2019 00:41

Instrument :

MSVOA_N

ClientSampleId :

R1-R2-C2-(4.3)

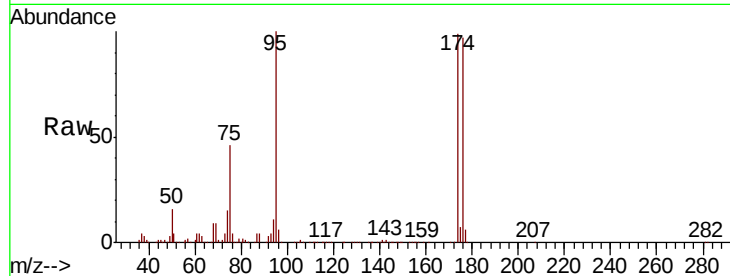
Tgt Ion: 83 Resp: 345

Ion Ratio Lower Upper

83 100

131 178.8 5.6 16.8#

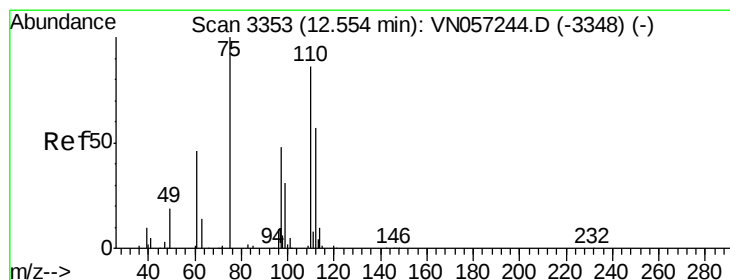
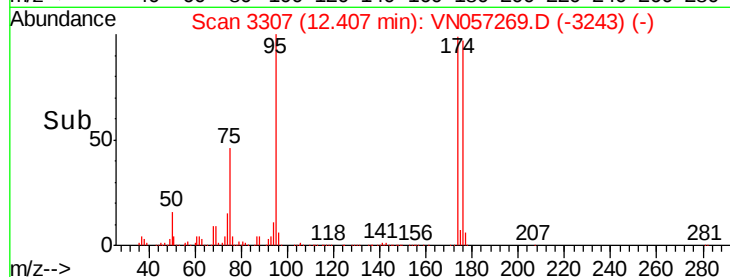
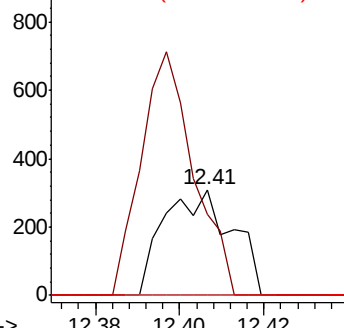
85 0.0 32.3 96.8#



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 36.756 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN057269.D

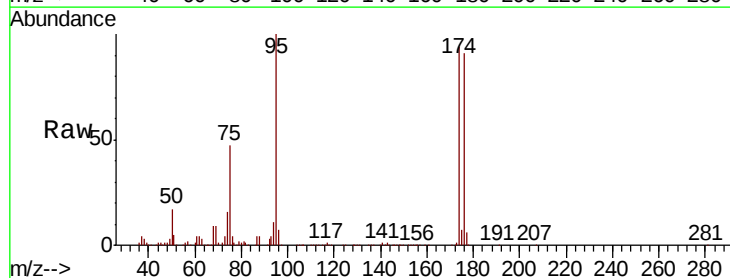
Acq: 14 Aug 2019 00:41

Tgt Ion: 75 Resp: 290744

Ion Ratio Lower Upper

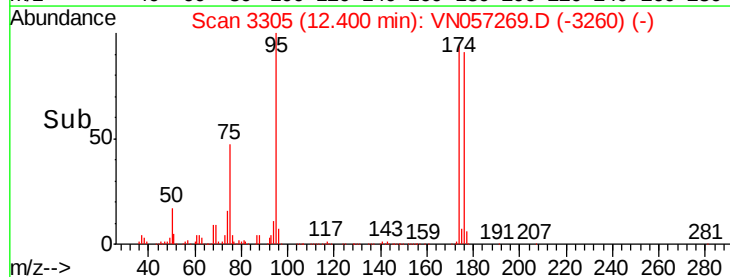
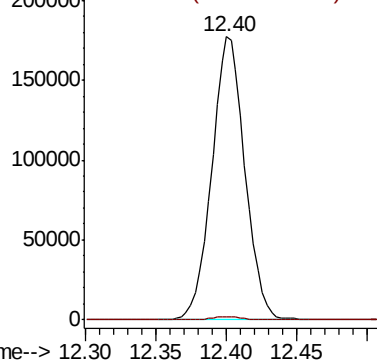
75 100

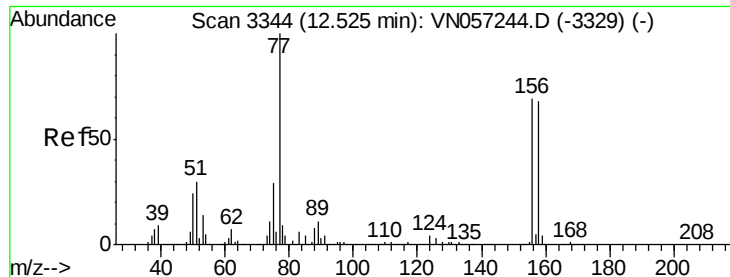
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: Below Cal

RT: 12.52 min Scan# 3341

Delta R.T. -0.01 min

Lab File: VN057269.D

Acq: 14 Aug 2019 00:41

Instrument :

MSVOA_N

ClientSampleId :

R1-R2-C2-(4.3)

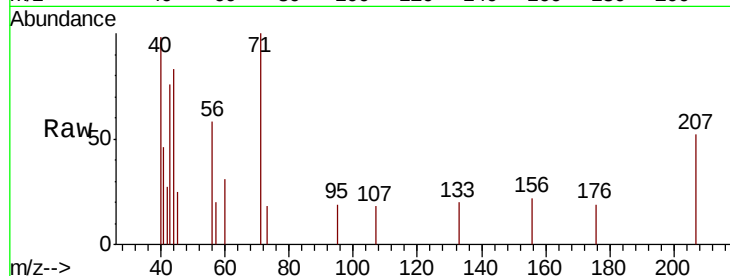
Tgt Ion: 156 Resp: 66

Ion Ratio Lower Upper

156 100

77 197.0 88.0 264.1

158 0.0 49.4 148.0#

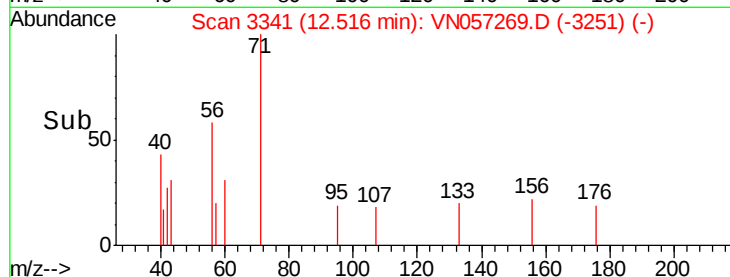


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V

Time-->

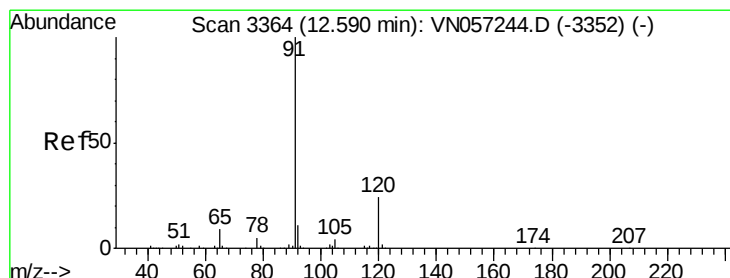


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V

Time-->



#78

n-propylbenzene

Concen: Below Cal

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN057269.D

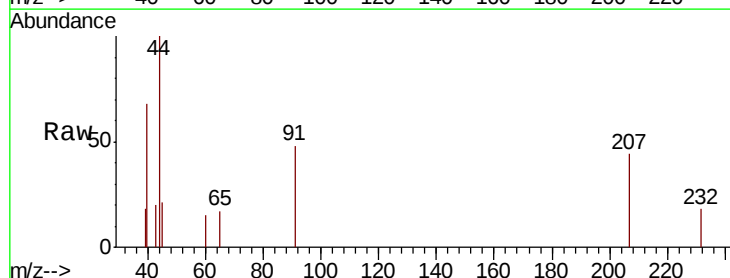
Acq: 14 Aug 2019 00:41

Tgt Ion: 91 Resp: 612

Ion Ratio Lower Upper

91 100

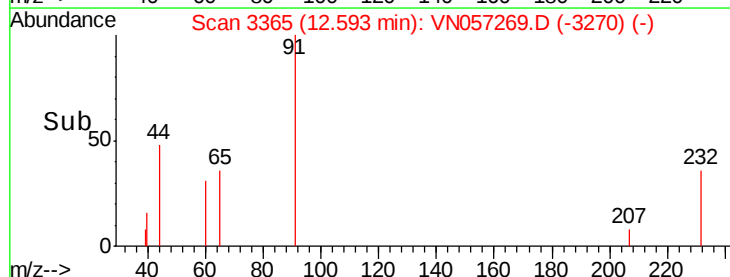
120 0.0 12.1 36.3#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

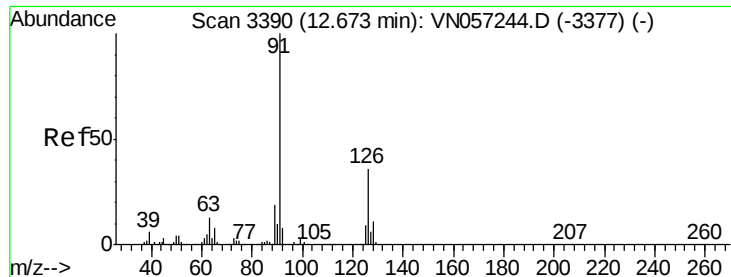
Time-->



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# 3392

Delta R.T. 0.01 min

Lab File: VN057269.D

Acq: 14 Aug 2019 00:41

Instrument :

MSVOA_N

ClientSampleId :

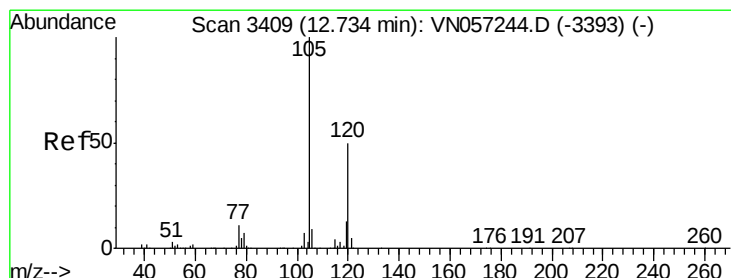
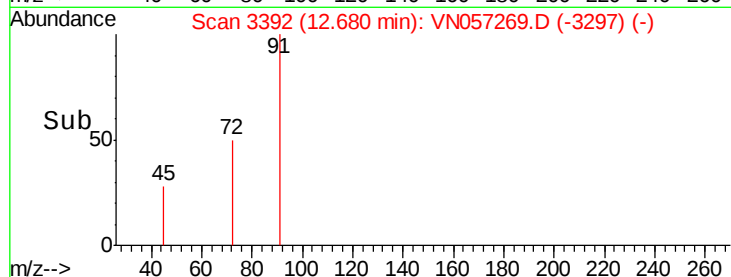
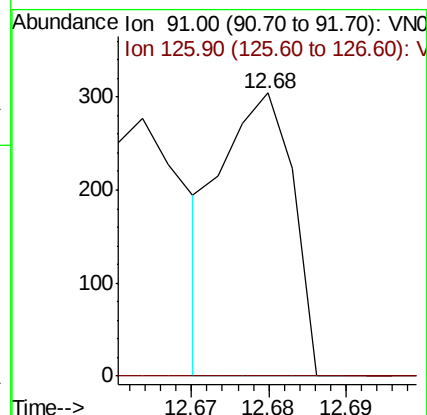
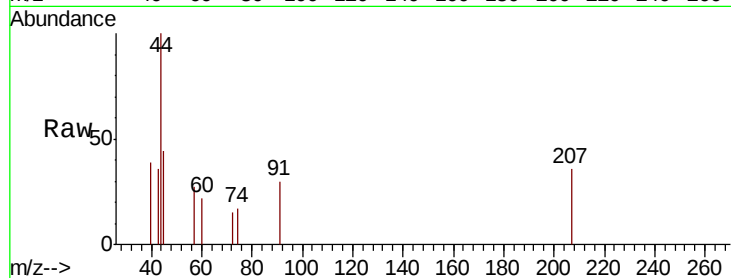
R1-R2-C2-(4.3)

Tgt Ion: 91 Resp: 196

Ion Ratio Lower Upper

91 100

126 0.0 18.0 54.0#



#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN057269.D

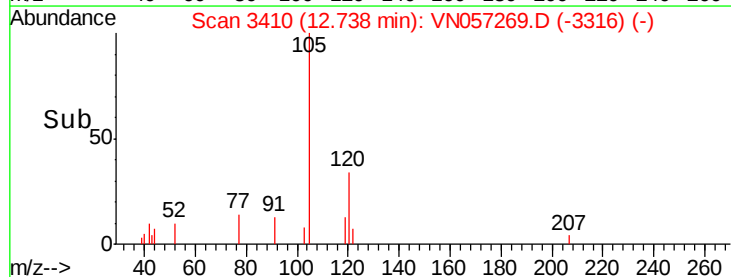
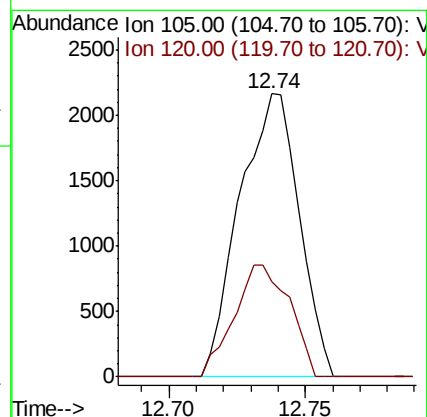
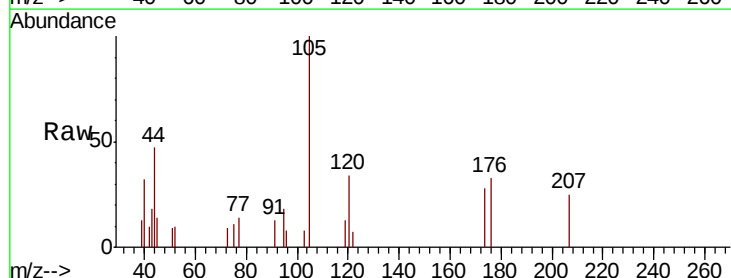
Acq: 14 Aug 2019 00:41

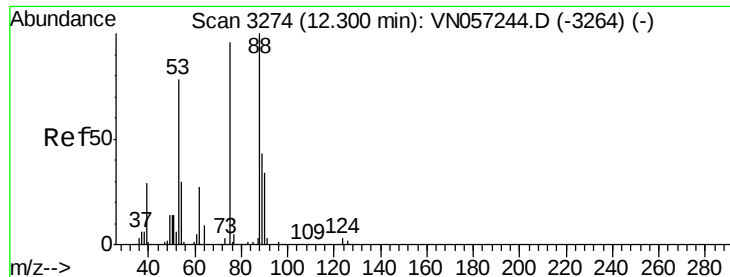
Tgt Ion: 105 Resp: 3277

Ion Ratio Lower Upper

105 100

120 36.8 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 88.606 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN057269.D

Acq: 14 Aug 2019 00:41

Instrument :

MSVOA_N

ClientSampleId :

R1-R2-C2-(4.3)

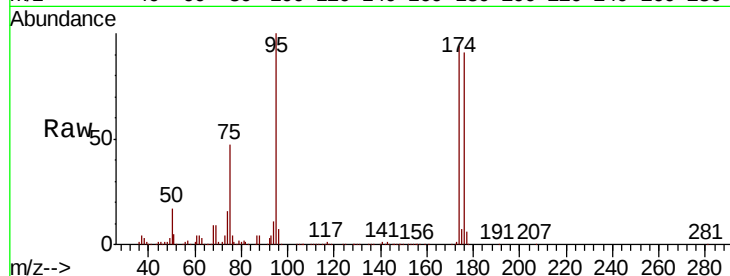
Tgt Ion: 75 Resp: 290744

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.6#

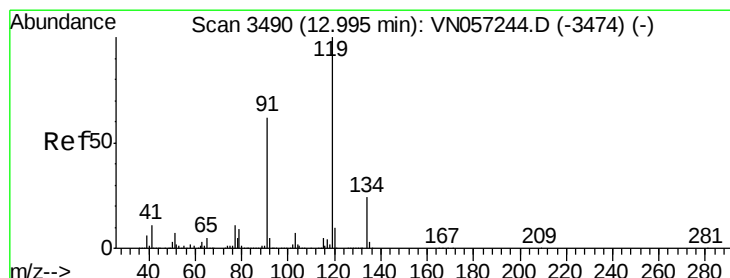
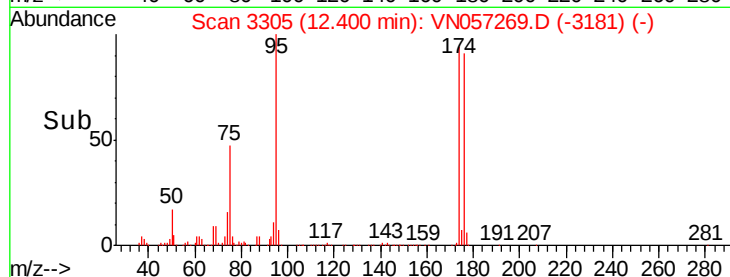
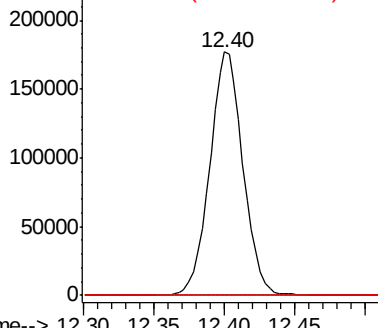
89 0.0 36.7 55.1#



Abundance Ion 74.90 (74.60 to 75.60): VN057269.D

Ion 53.00 (52.70 to 53.70): VN057269.D

Ion 88.90 (88.60 to 89.60): VN057269.D



#83

tert-Butylbenzene

Concen: Below Cal

RT: 13.00 min Scan# 3492

Delta R.T. 0.01 min

Lab File: VN057269.D

Acq: 14 Aug 2019 00:41

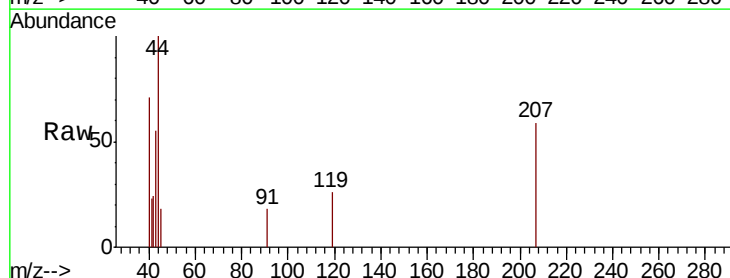
Tgt Ion: 119 Resp: 118

Ion Ratio Lower Upper

119 100

91 26.3 30.8 92.3#

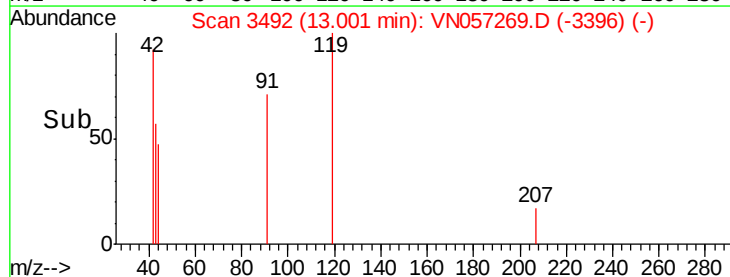
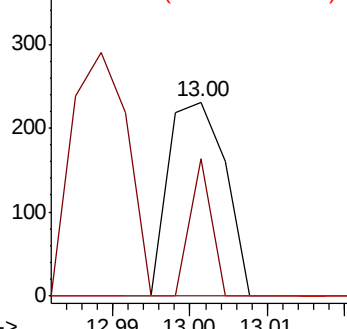
134 0.0 12.9 38.7#

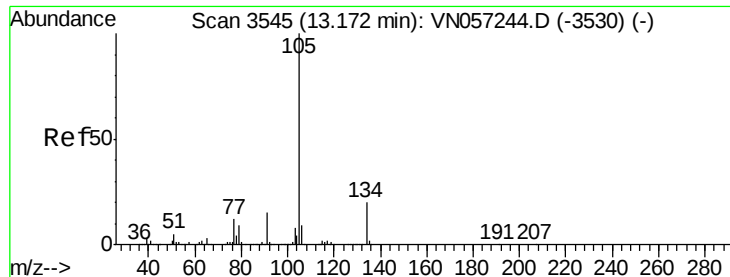


Abundance Ion 119.00 (118.70 to 119.70): VN057269.D

Ion 91.00 (90.70 to 91.70): VN057269.D

Ion 134.00 (133.70 to 134.70): VN057269.D





#85

sec-Butylbenzene

Concen: Below Cal

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN057269.D

Acq: 14 Aug 2019 00:41

Instrument :

MSVOA_N

ClientSampleId :

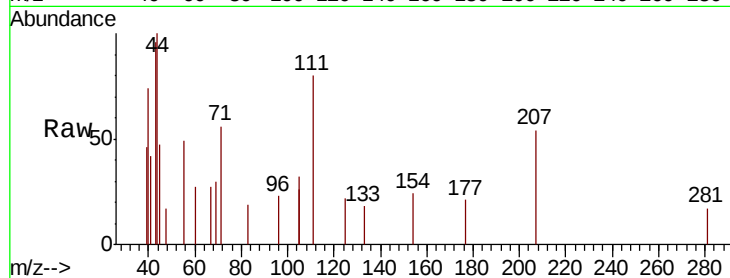
R1-R2-C2-(4.3)

Tgt Ion:105 Resp: 319

Ion Ratio Lower Upper

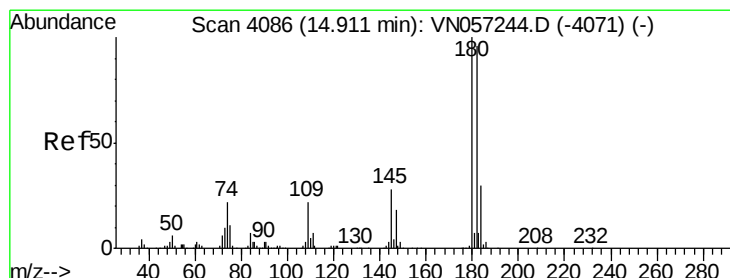
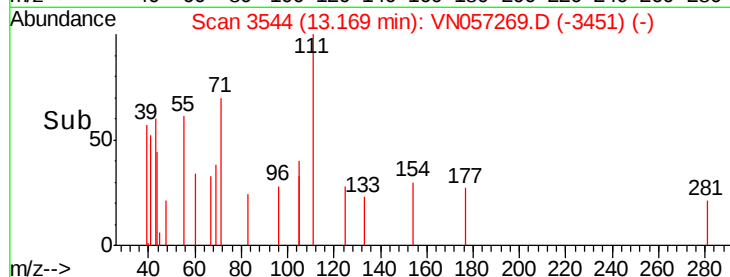
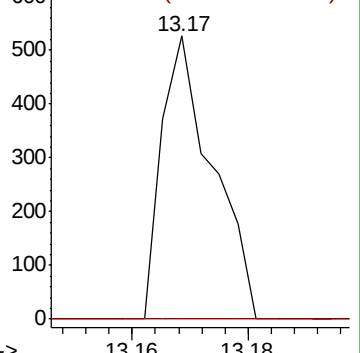
105 100

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



#93

1,2,4-Trichlorobenzene

Concen: 3.293 ug/l

RT: 14.91 min Scan# 4087

Delta R.T. 0.00 min

Lab File: VN057269.D

Acq: 14 Aug 2019 00:41

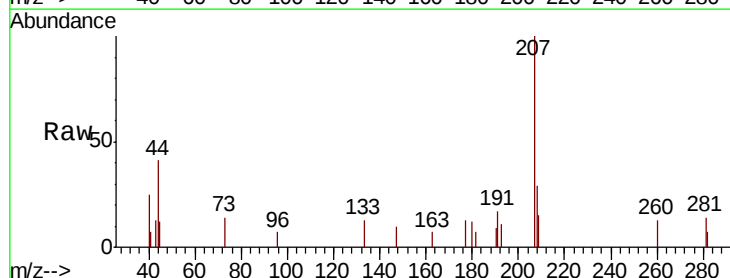
Tgt Ion:180 Resp: 292

Ion Ratio Lower Upper

180 100

182 53.4 47.7 143.1

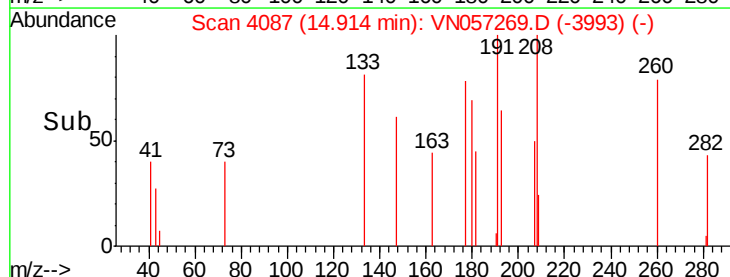
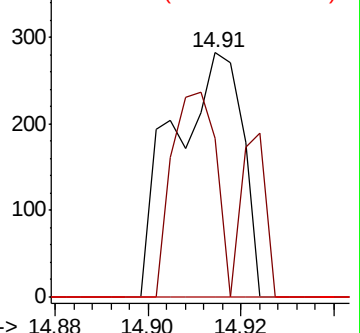
145 0.0 14.2 42.6#

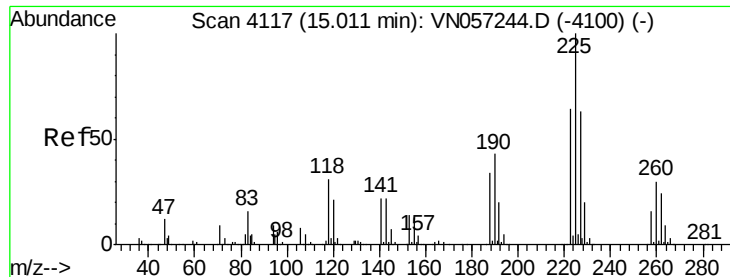


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.00 min Scan# 4115

Delta R.T. -0.01 min

Lab File: VN057269.D

Acq: 14 Aug 2019 00:41

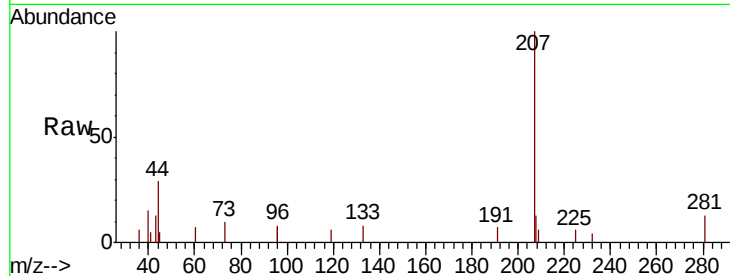
Instrument :

MSVOA_N

ClientSampleId :

R1-R2-C2-(4.3)

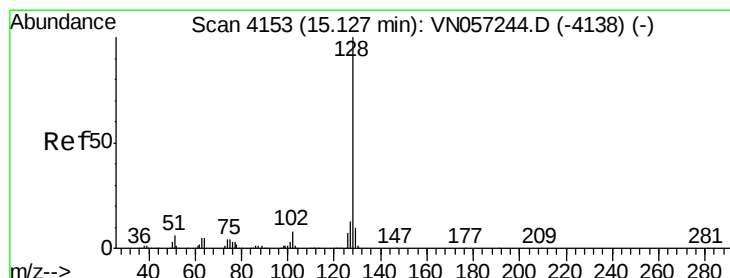
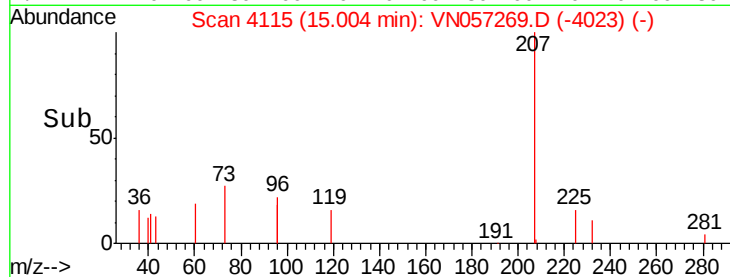
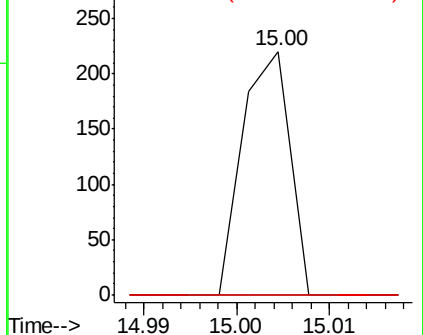
Tgt Ion:	225	Resp:	78
Ion	Ratio	Lower	Upper
225	100		
223	0.0	31.4	94.2#
227	0.0	31.4	94.3#



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: Below Cal

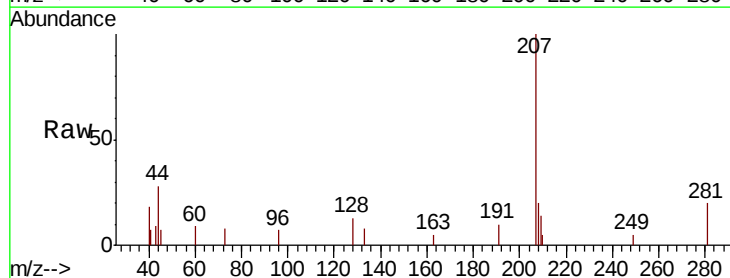
RT: 15.13 min Scan# 4153

Delta R.T. 0.00 min

Lab File: VN057269.D

Acq: 14 Aug 2019 00:41

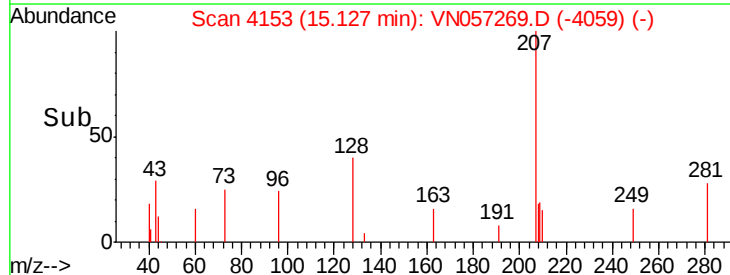
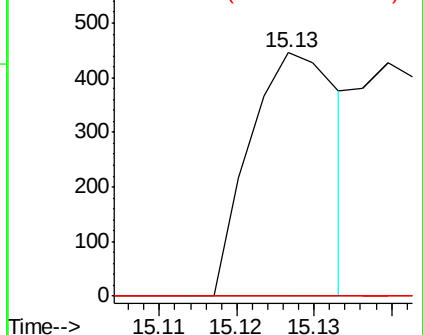
Tgt Ion:	128	Resp:	353
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.4	15.6#
129	0.0	8.5	12.7#

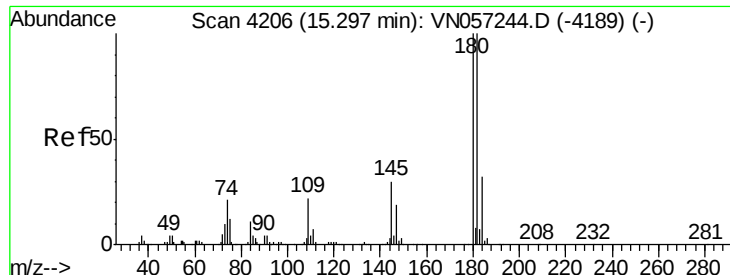


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

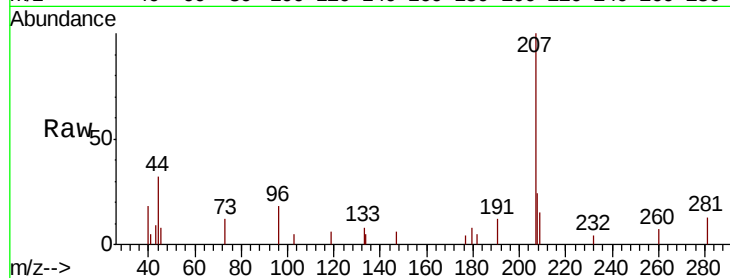




#96
 1,2,3-Trichlorobenzene
 Concen: 4.266 ug/l
 RT: 15.30 min Scan# 4206
 Delta R.T. 0.00 min
 Lab File: VN057269.D
 Acq: 14 Aug 2019 00:41

Instrument :
 MSVOA_N
 ClientSampleId :
 R1-R2-C2-(4.3)

Tgt Ion	Ratio	Lower	Upper
180	100		
182	104.7	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

