

Data File : VN057392.D
Acq On : 19 Aug 2019 11:53
Operator : JC/SP
Sample : K4272-13
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
2S-K-(1)

Quant Time: Aug 20 07:10:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081519W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 15 11:33:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1080558	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1492378	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1261074	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	320721	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	488271	41.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.14%	
35) Dibromofluoromethane	7.58	113	450670	46.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.14%	
50) Toluene-d8	10.09	98	1738167	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	
62) 4-Bromofluorobenzene	12.40	95	461453	36.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.98%	

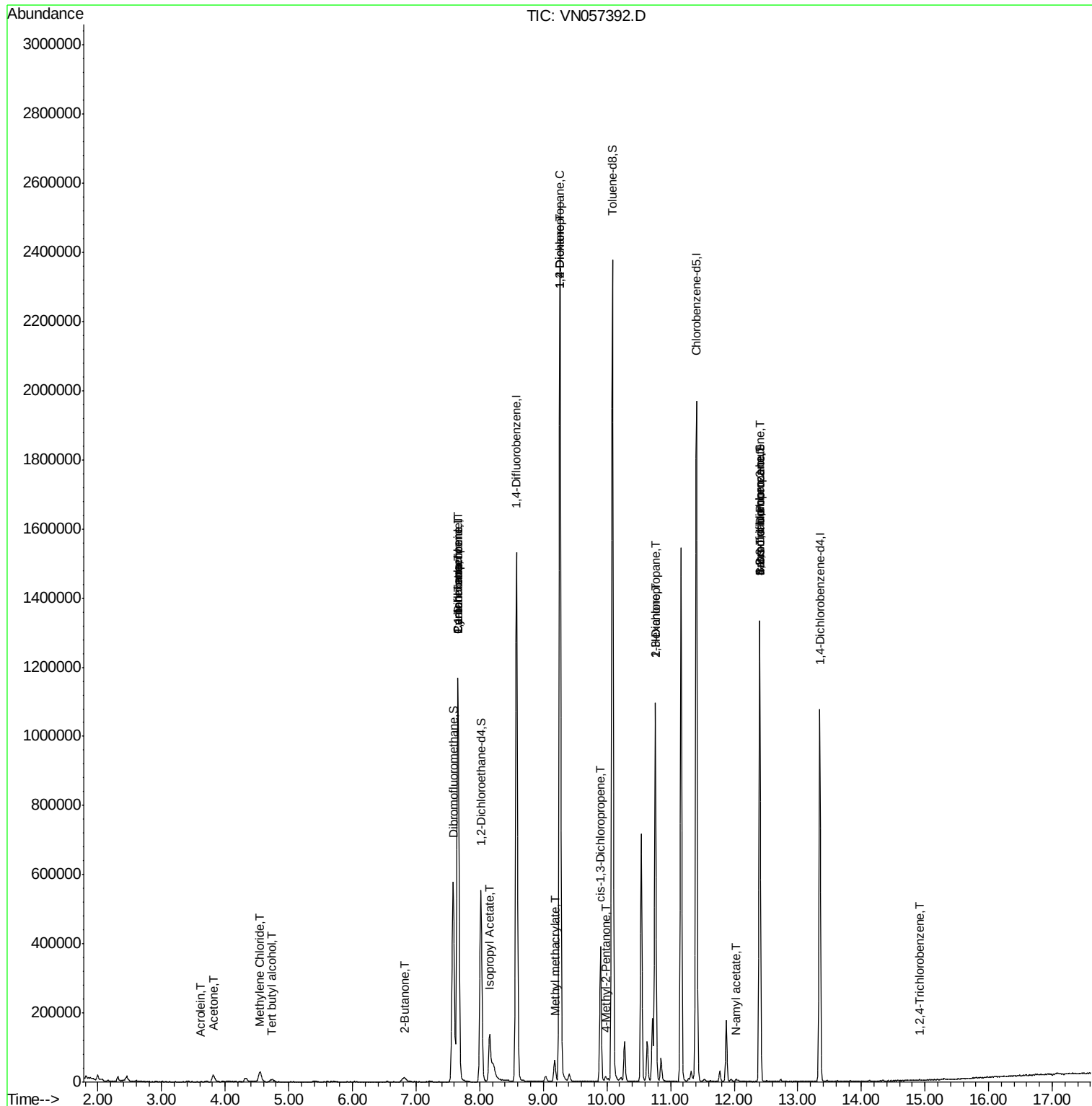
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.73	59	5323	3.187	ug/l #	73
13) Acrolein	3.61	56	312	0.308	ug/l #	73
16) Acetone	3.81	43	30592	7.507	ug/l	93
18) Methyl Acetate	4.32	43	22696	Below Cal	#	78
20) Methylene Chloride	4.55	84	25468	2.234	ug/l	90
25) 2-Butanone	6.82	43	7483	1.268	ug/l	96
31) Cyclohexane	7.65	56	15107	0.944	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	63523	4.821	ug/l #	48
38) Carbon Tetrachloride	7.66	117	92166	6.732	ug/l #	15
43) Isopropyl Acetate	8.16	43	235733	11.065	ug/l #	80
45) 1,2-Dichloropropane	9.26	63	3294	0.317	ug/l #	44
48) Methyl methacrylate	9.18	41	8395	0.945	ug/l #	11
49) 1,4-Dioxane	9.26	88	384	2.055	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	8361	0.751	ug/l #	84
54) cis-1,3-Dichloropropene	9.90	75	75233	4.593	ug/l #	62
57) 1,3-Dichloropropane	10.76	76	12497	0.758	ug/l #	43
59) 2-Hexanone	10.76	43	154944	19.357	ug/l #	50
71) Bromoform	12.40	173	1811	0.233	ug/l #	29
73) Isopropylbenzene	12.24	105	714	Below Cal	#	49
74) N-amyl acetate	12.03	43	5462	0.587	ug/l #	42
76) 1,2,3-Trichloropropane	12.40	75	210447	32.678	ug/l #	100
77) Bromobenzene	12.52	156	144	Below Cal	#	79
79) 2-Chlorotoluene	12.68	91	477	Below Cal		82
80) 1,3,5-Trimethylbenzene	12.73	105	2283	Below Cal		92
81) trans-1,4-Dichloro-2-buten	12.40	75	210447	80.012	ug/l #	15
83) tert-Butylbenzene	12.99	119	417	Below Cal	#	28
85) sec-Butylbenzene	13.17	105	926	Below Cal	#	55
93) 1,2,4-Trichlorobenzene	14.91	180	1063	5.582	ug/l #	72
94) Hexachlorobutadiene	15.01	225	229	Below Cal	#	20
95) Naphthalene	15.12	128	1188	Below Cal	#	69
96) 1,2,3-Trichlorobenzene	15.29	180	726	Below Cal		97

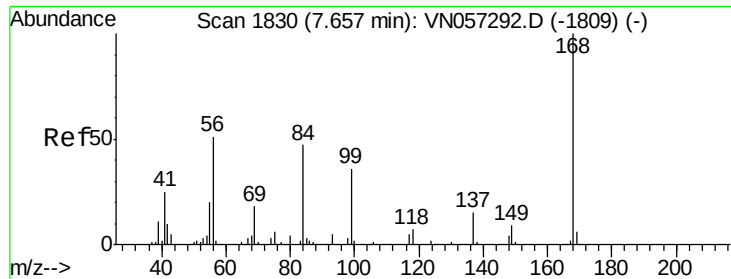
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN057392.D

Acq: 19 Aug 2019 11:53

Instrument :

MSVOA_N

ClientSampled :

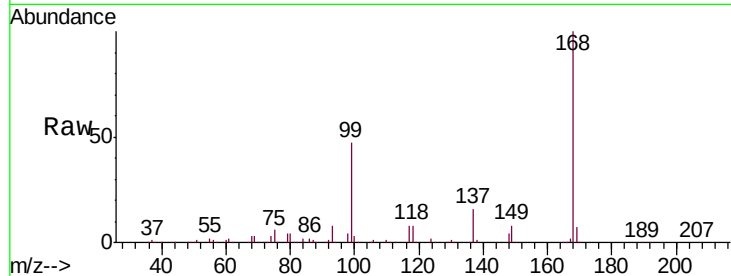
2S-K-(1)

Tgt Ion:168 Resp: 1080558

Ion Ratio Lower Upper

168 100

99 47.2 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): VN057292.D (-1809) (-)

Ion 98.90 (98.60 to 99.60): VN057292.D (-1809) (-)

7.66

500000

400000

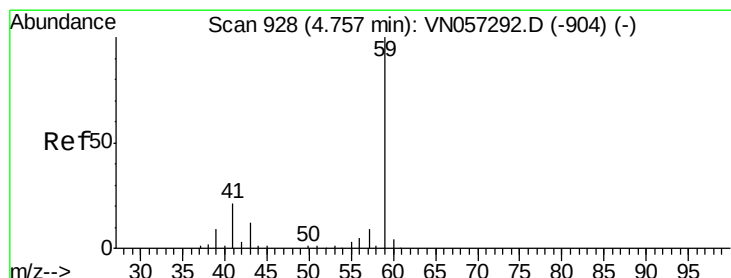
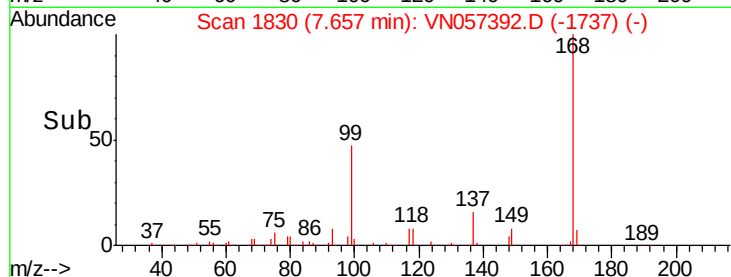
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 3.187 ug/l

RT: 4.73 min Scan# 920

Delta R.T. -0.03 min

Lab File: VN057392.D

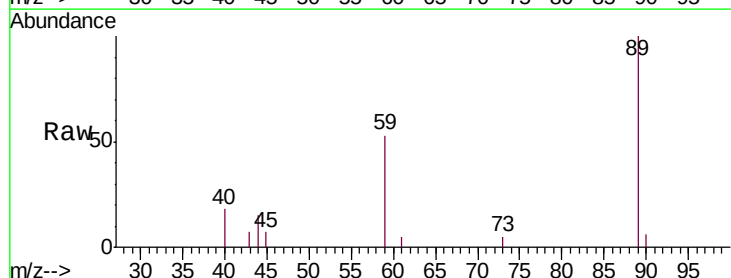
Acq: 19 Aug 2019 11:53

Tgt Ion: 59 Resp: 5323

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VN057292.D (-904) (-)

Ion 57.00 (56.70 to 57.70): VN057292.D (-904) (-)

4.73

2000

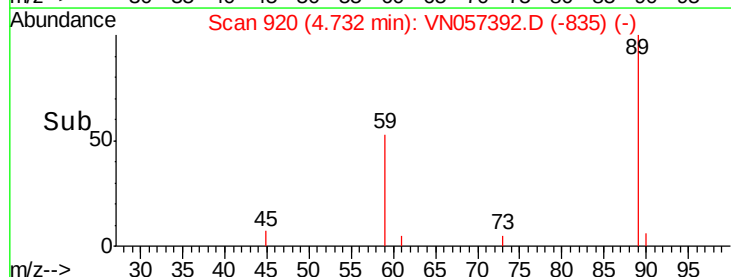
1500

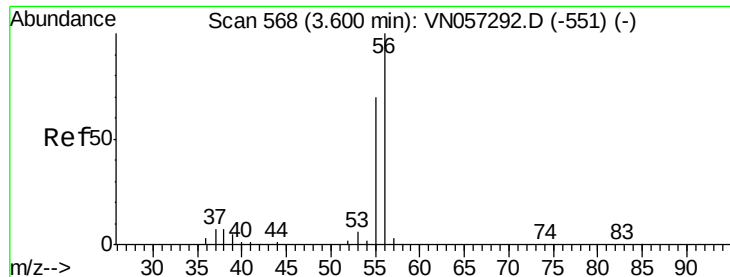
1000

500

0

Time-->





#13

Acrolein

Concen: 0.308 ug/l

RT: 3.61 min Scan# 572

Delta R.T. 0.01 min

Lab File: VN057392.D

Acq: 19 Aug 2019 11:53

Instrument :

MSVOA_N

ClientSampleId :

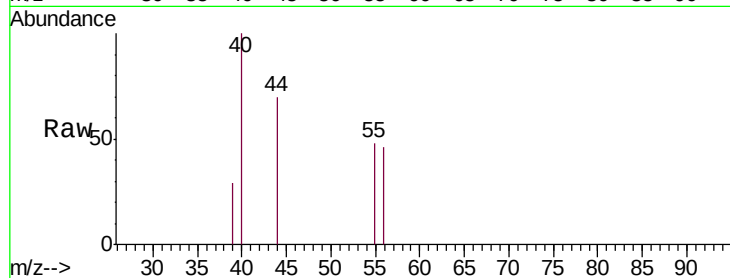
2S-K-(1)

Tgt Ion: 56 Resp: 312

Ion Ratio Lower Upper

56 100

55 92.6 56.6 84.8#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.61

300

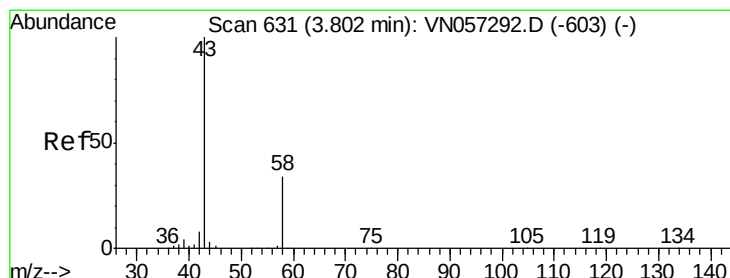
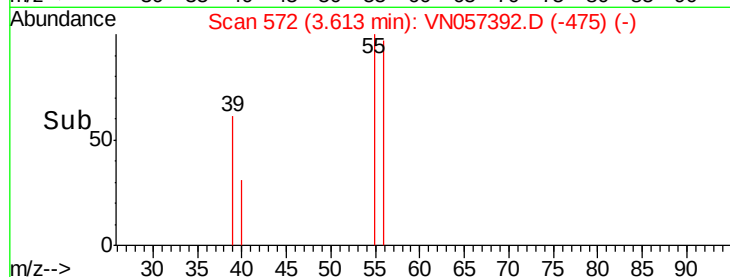
200

100

0

3.60 3.62

Time-->



#16

Acetone

Concen: 7.507 ug/l

RT: 3.81 min Scan# 633

Delta R.T. 0.01 min

Lab File: VN057392.D

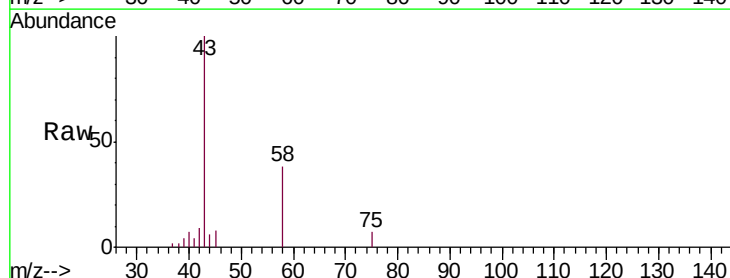
Acq: 19 Aug 2019 11:53

Tgt Ion: 43 Resp: 30592

Ion Ratio Lower Upper

43 100

58 37.7 27.0 40.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.81

12000

10000

8000

6000

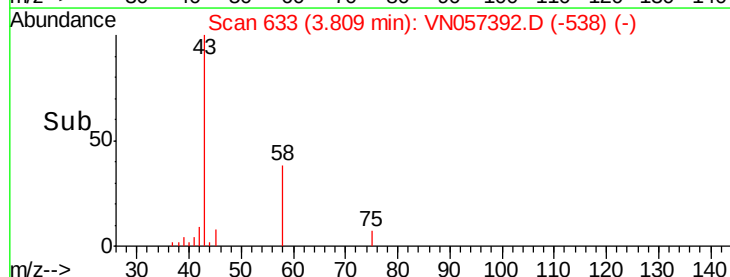
4000

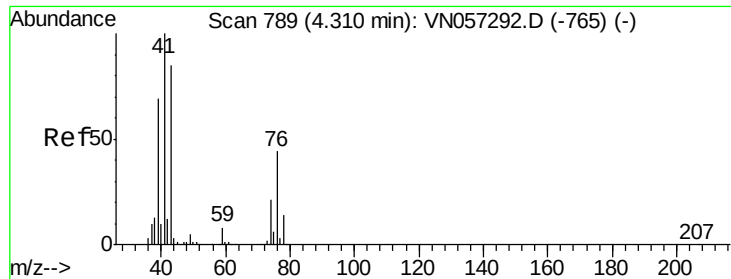
2000

0

3.75 3.80 3.85 3.90

Time-->

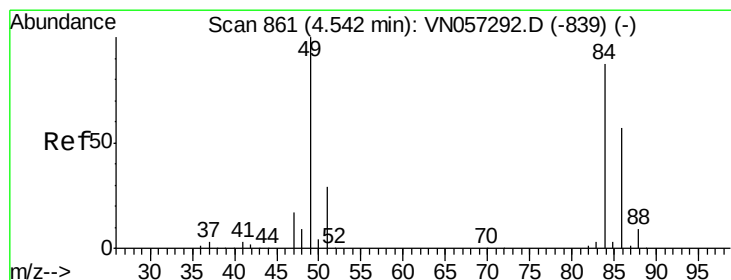
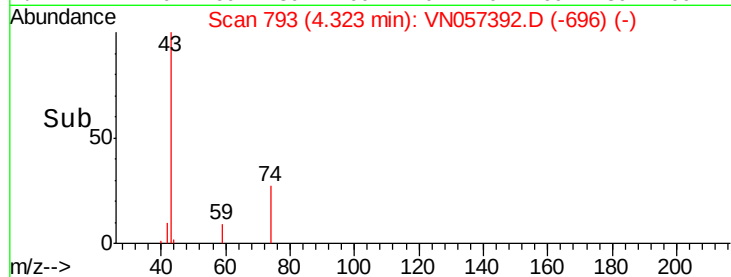
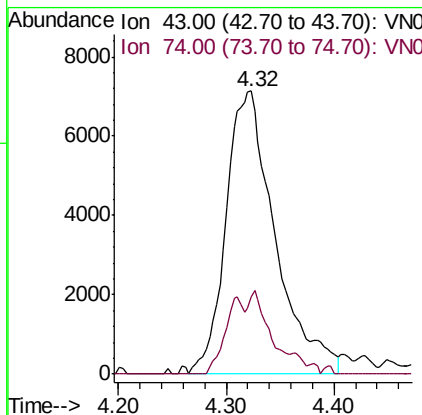
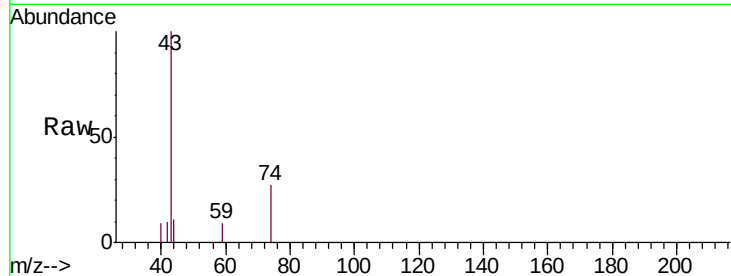




#18
Methyl Acetate
Concen: Below Cal
RT: 4.32 min Scan# 793
Delta R.T. 0.01 min
Lab File: VN057392.D
Acq: 19 Aug 2019 11:53

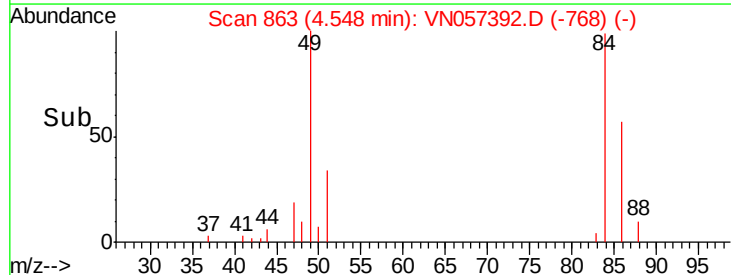
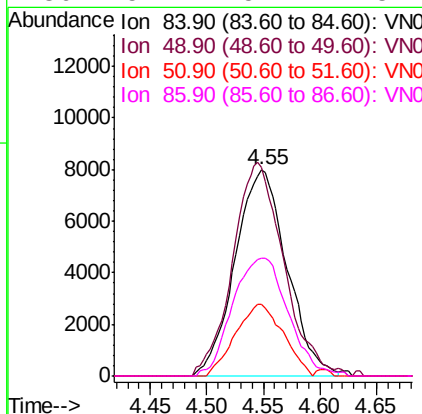
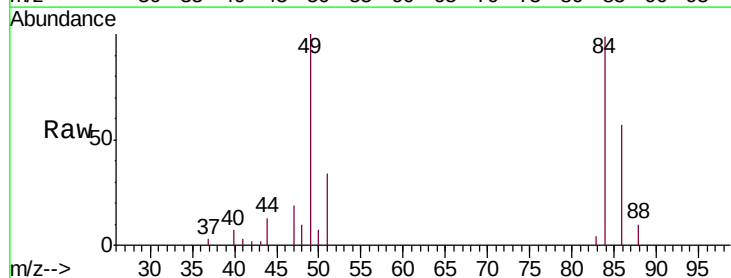
Instrument :
MSVOA_N
ClientSampleId :
2S-K-(1)

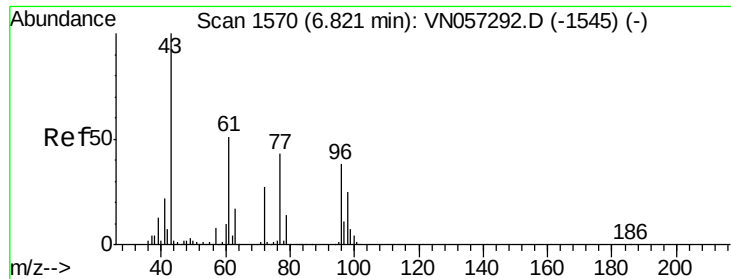
Tgt Ion: 43 Resp: 22696
Ion Ratio Lower Upper
43 100
74 14.0 20.2 30.2#



#20
Methylene Chloride
Concen: 2.234 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.01 min
Lab File: VN057392.D
Acq: 19 Aug 2019 11:53

Tgt Ion: 84 Resp: 25468
Ion Ratio Lower Upper
84 100
49 100.8 92.0 138.0
51 34.5 27.1 40.7
86 57.1 52.2 78.2





#25

2-Butanone

Concen: 1.268 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN057392.D

Acq: 19 Aug 2019 11:53

Instrument :

MSVOA_N

ClientSampleId :

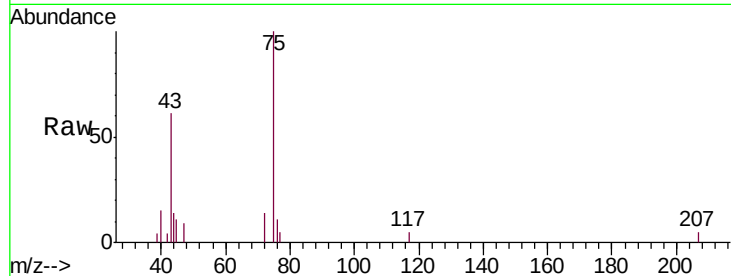
2S-K-(1)

Tgt Ion: 43 Resp: 7483

Ion Ratio Lower Upper

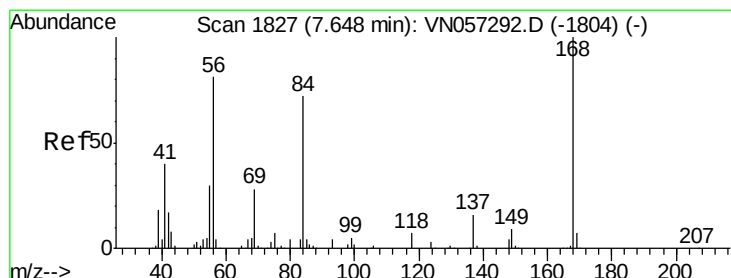
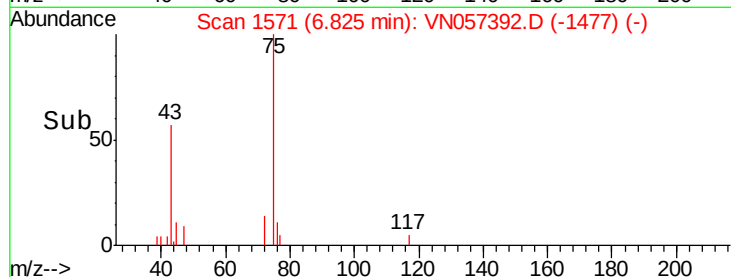
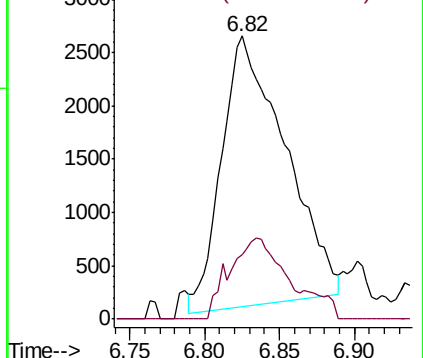
43 100

72 24.8 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VN057292.D (-1545) (-)

Ion 72.00 (71.70 to 72.70): VN057292.D (-1545) (-)



#31

Cyclohexane

Concen: 0.944 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.01 min

Lab File: VN057392.D

Acq: 19 Aug 2019 11:53

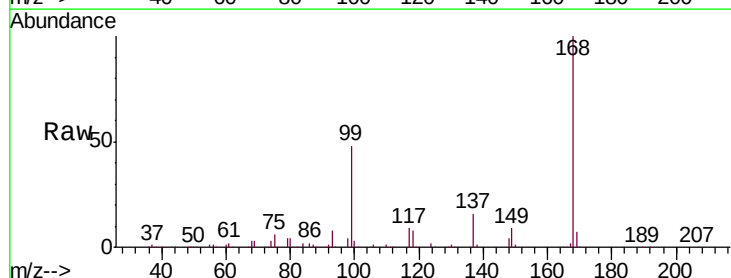
Tgt Ion: 56 Resp: 15107

Ion Ratio Lower Upper

56 100

69 196.6 27.3 40.9#

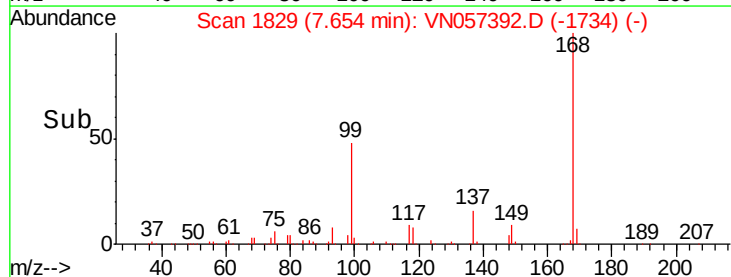
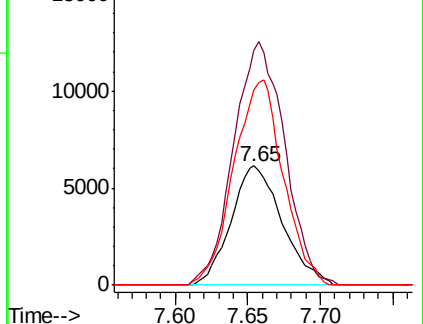
84 163.6 71.0 106.6#

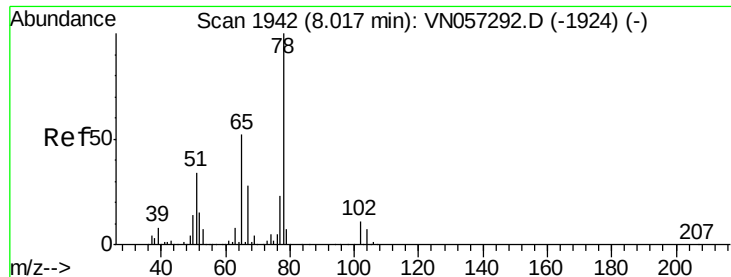


Abundance Ion 56.00 (55.70 to 56.70): VN057292.D (-1804) (-)

Ion 69.00 (68.70 to 69.70): VN057292.D (-1804) (-)

Ion 84.00 (83.70 to 84.70): VN057292.D (-1804) (-)

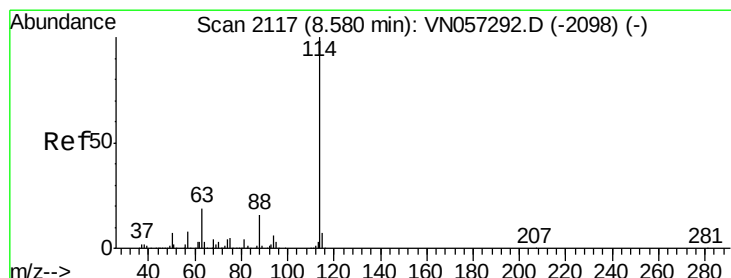
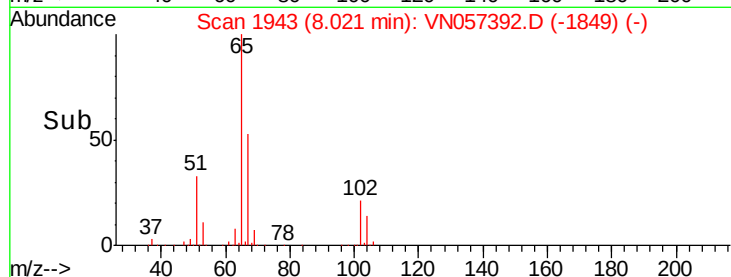
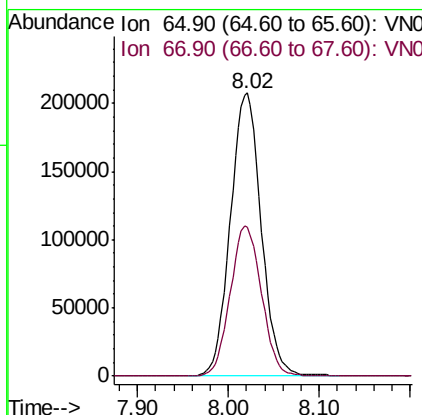
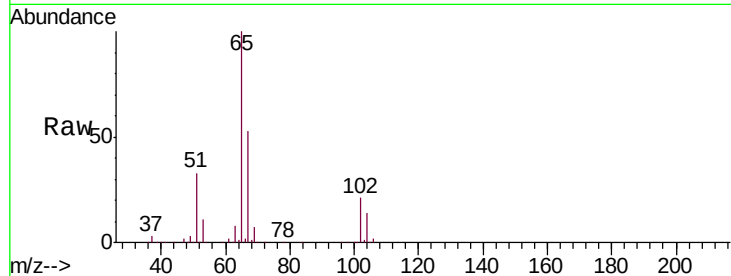




#33
 1,2-Dichloroethane-d4
 Concen: 41.566 ug/l
 RT: 8.02 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN057392.D
 Acq: 19 Aug 2019 11:53

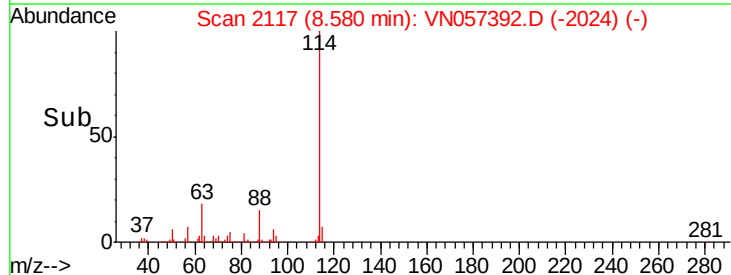
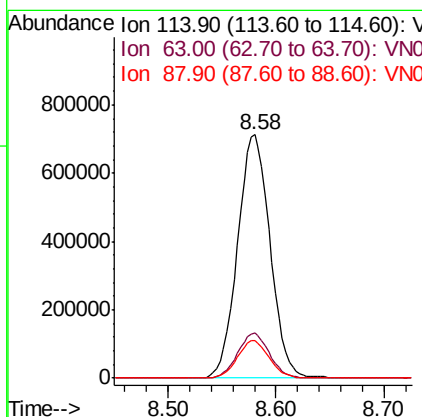
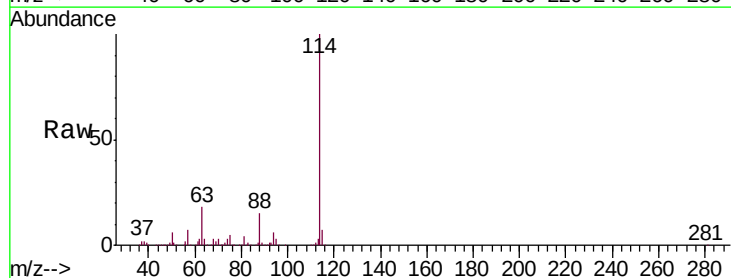
Instrument :
 MSVOA_N
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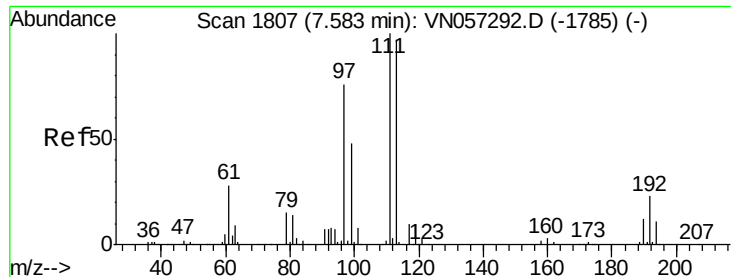
Tgt Ion: 65 Resp: 488271
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VN057392.D
 Acq: 19 Aug 2019 11:53

Tgt Ion: 114 Resp: 1492378
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 38.8
 88 15.4 0.0 31.4

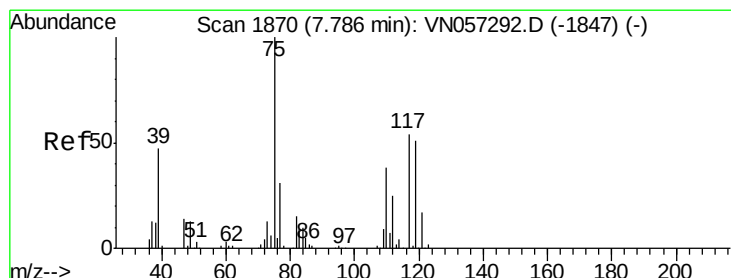
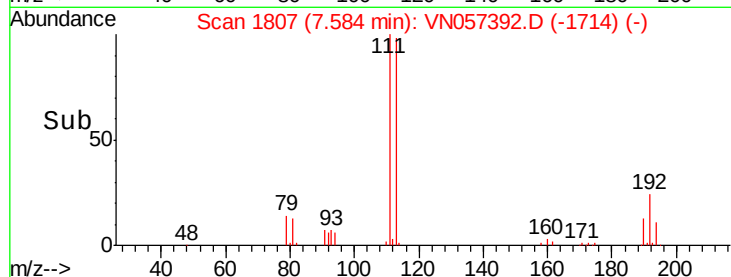
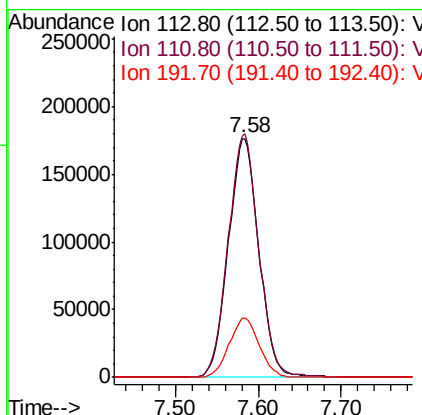
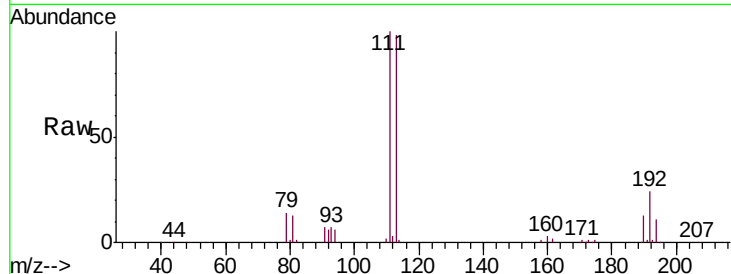




#35
 Dibromofluoromethane
 Concen: 46.067 ug/l
 RT: 7.58 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN057392.D
 Acq: 19 Aug 2019 11:53

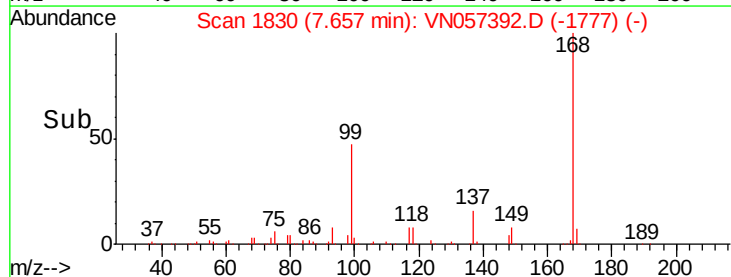
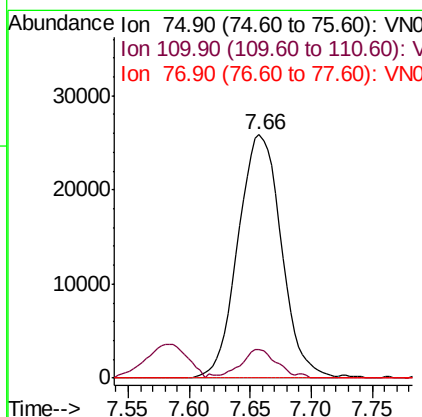
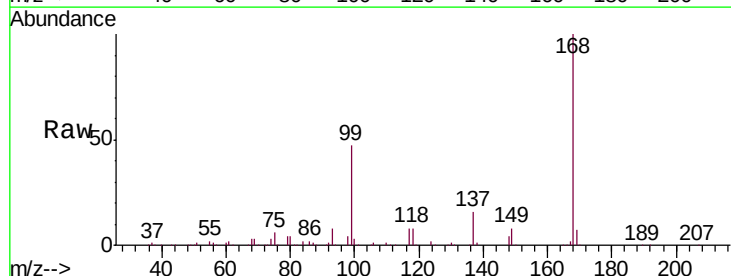
Instrument :
 MSVOA_N
 ClientSampleId :
 2S-K-(1)

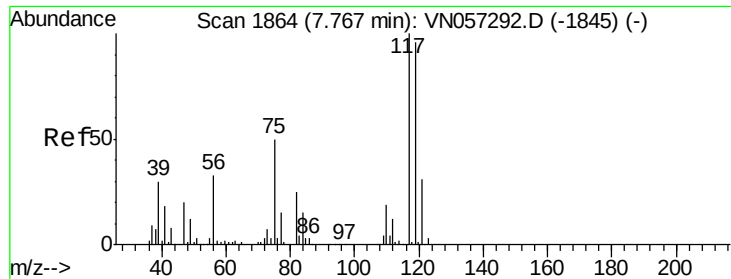
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.1	123.1
192	24.5	19.3	28.9



#36
 1,1-Dichloropropene
 Concen: 4.821 ug/l
 RT: 7.66 min Scan# 1830
 Delta R.T. -0.13 min
 Lab File: VN057392.D
 Acq: 19 Aug 2019 11:53

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.8	19.5	58.5#
77	0.0	25.0	37.6#





#38

Carbon Tetrachloride

Concen: 6.732 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. -0.11 min

Lab File: VN057392.D

Acq: 19 Aug 2019 11:53

Instrument :
MSVOA_N
ClientSampleId :
2S-K-(1)

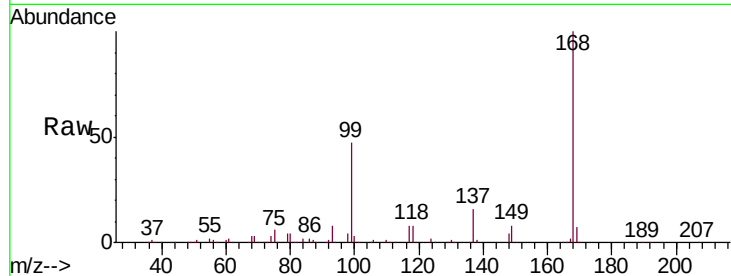
Tgt Ion: 117 Resp: 92166

Ion Ratio Lower Upper

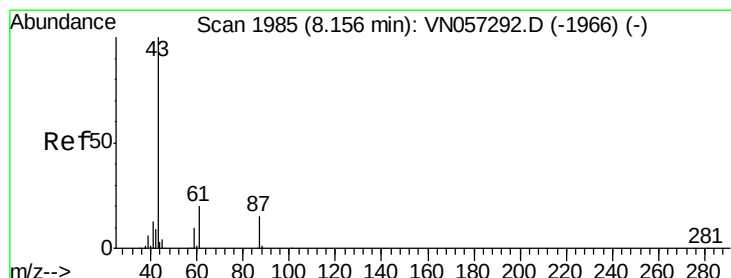
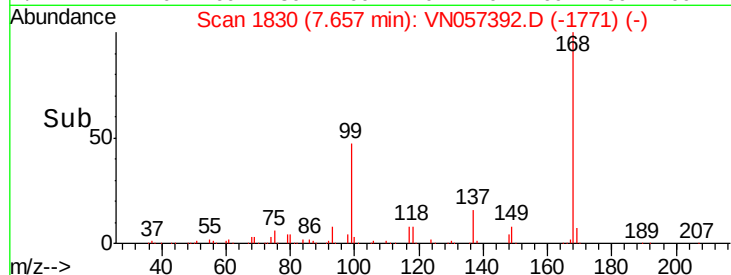
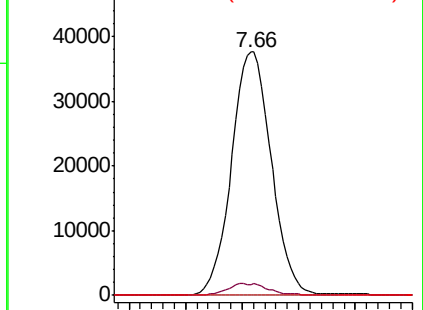
117 100

119 4.3 76.8 115.2#

121 0.0 25.0 37.4#



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: 11.065 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN057392.D

Acq: 19 Aug 2019 11:53

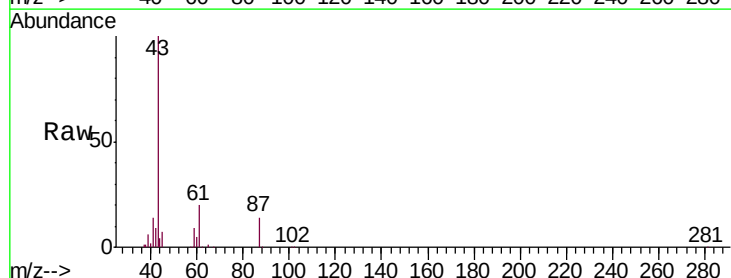
Tgt Ion: 43 Resp: 235733

Ion Ratio Lower Upper

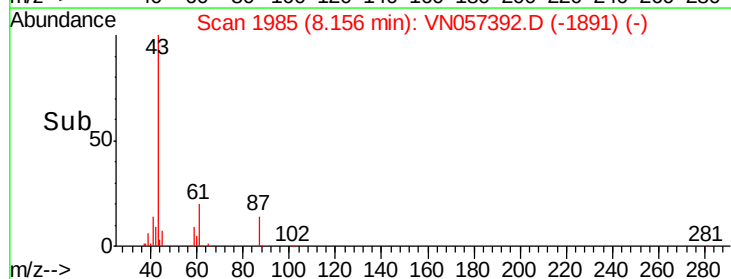
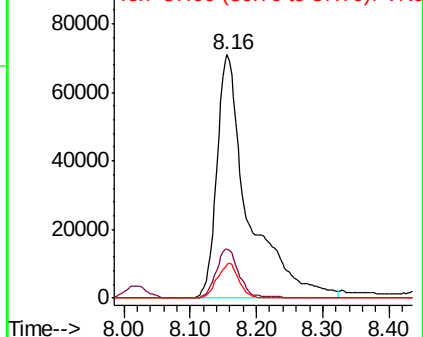
43 100

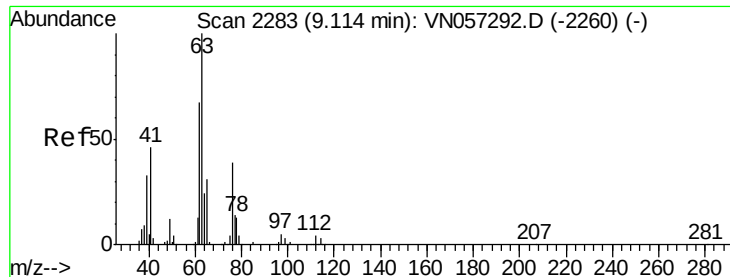
61 14.6 21.6 32.4#

87 9.6 11.4 17.0#



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

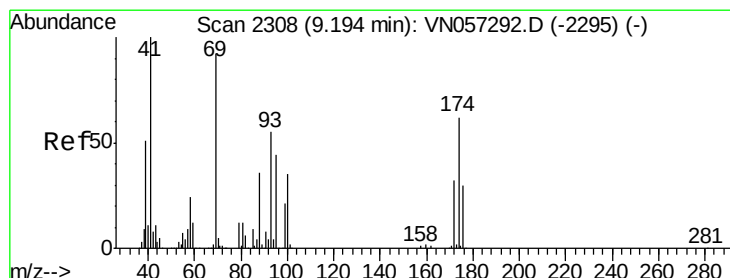
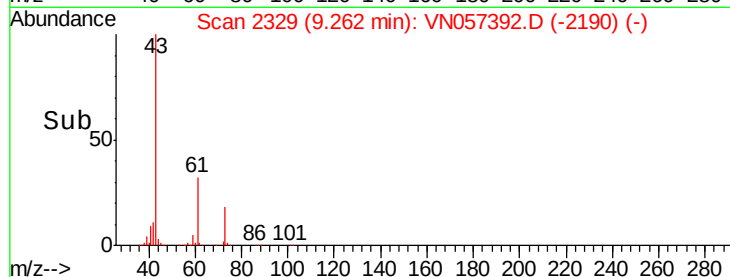
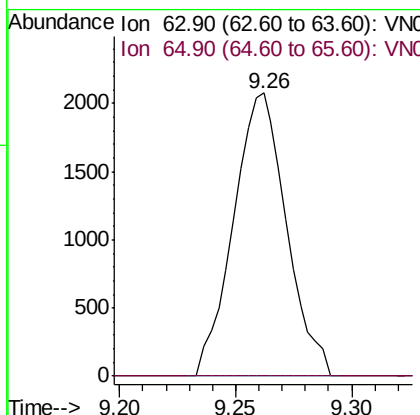
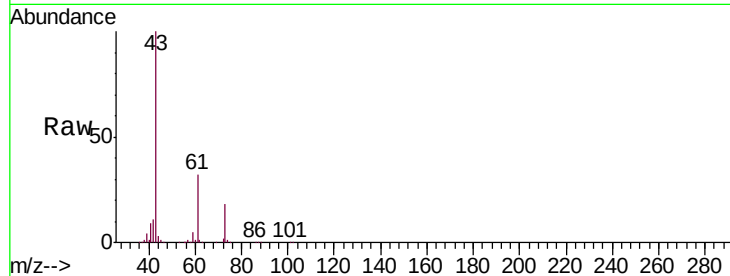




#45
 1,2-Dichloropropane
 Concen: 0.317 ug/l
 RT: 9.26 min Scan# 2329
 Delta R.T. 0.15 min
 Lab File: VN057392.D
 Acq: 19 Aug 2019 11:53

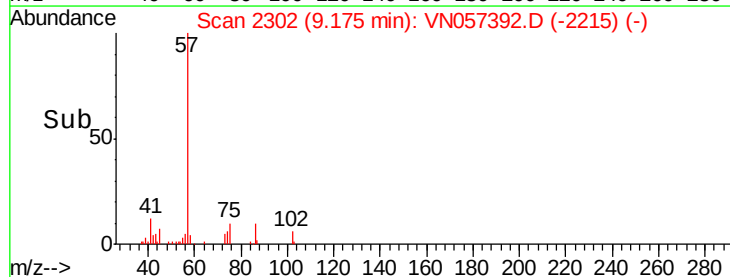
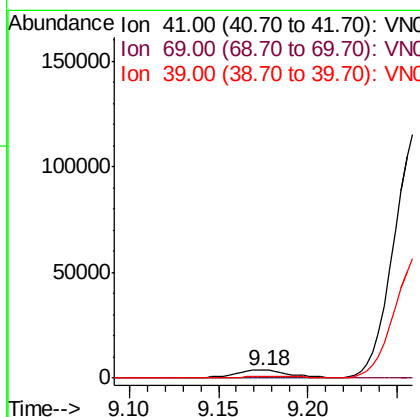
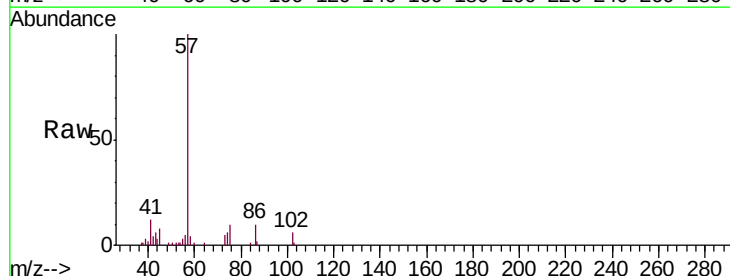
Instrument :
 MSVOA_N
 ClientSampleId :
 2S-K-(1)

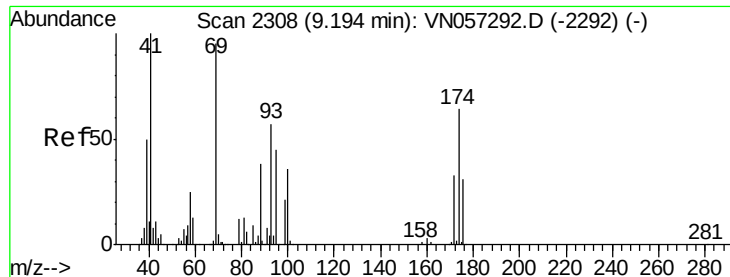
Tgt Ion: 63 Resp: 3294
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.8 37.2#



#48
 Methyl methacrylate
 Concen: 0.945 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. -0.02 min
 Lab File: VN057392.D
 Acq: 19 Aug 2019 11:53

Tgt Ion: 41 Resp: 8395
 Ion Ratio Lower Upper
 41 100
 69 0.0 75.9 113.9#
 39 0.0 42.3 63.5#





#49

1,4-Dioxane

Concen: 2.055 ug/l

RT: 9.26 min Scan# 2328

Delta R.T. 0.06 min

Lab File: VN057392.D

Acq: 19 Aug 2019 11:53

Instrument :

MSVOA_N

ClientSampleId :

2S-K-(1)

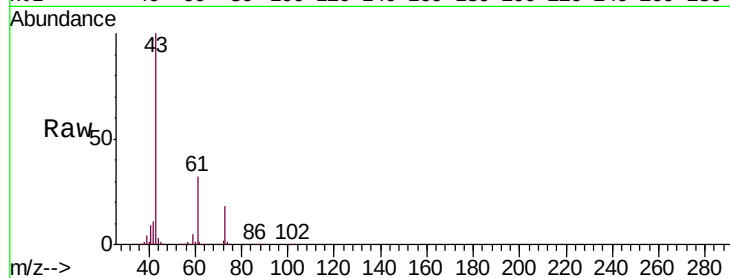
Tgt Ion: 88 Resp: 384

Ion Ratio Lower Upper

88 100

43 641995.1 22.9 34.3#

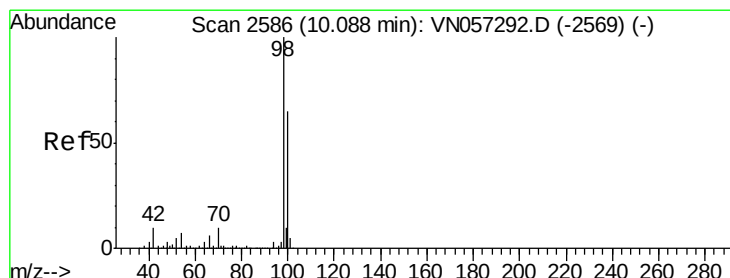
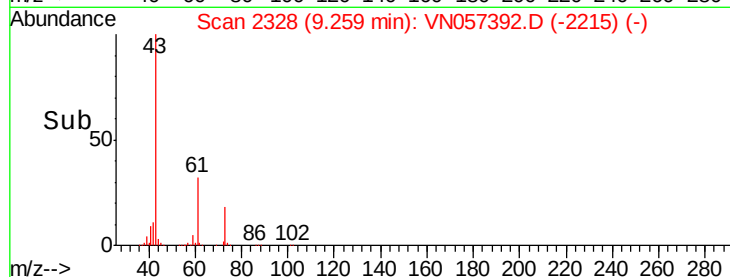
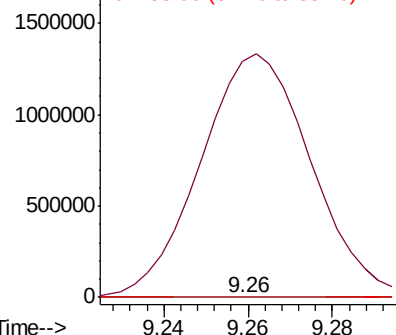
58 2760.2 52.7 79.1#



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 48.578 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057392.D

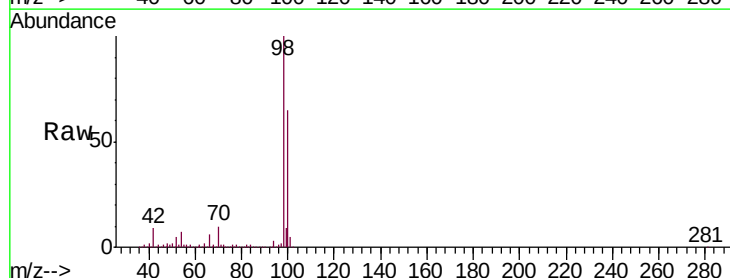
Acq: 19 Aug 2019 11:53

Tgt Ion: 98 Resp: 1738167

Ion Ratio Lower Upper

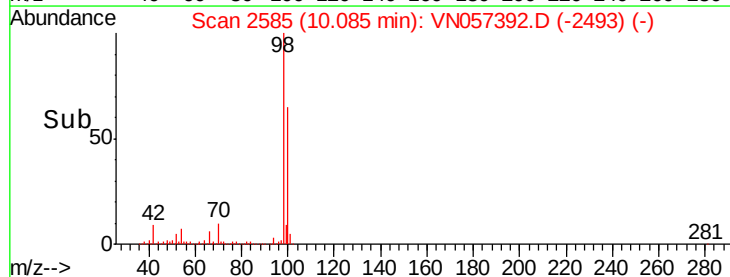
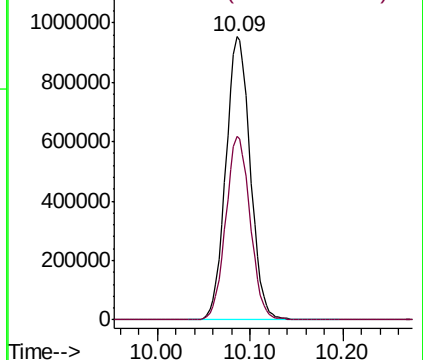
98 100

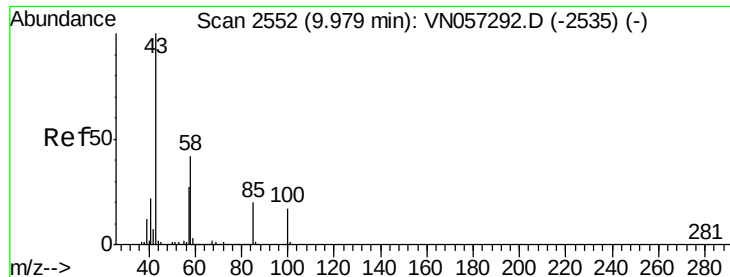
100 65.0 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

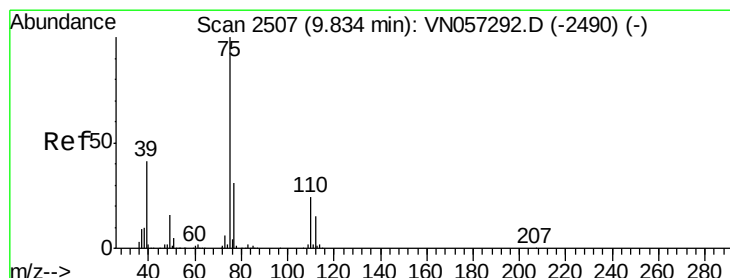
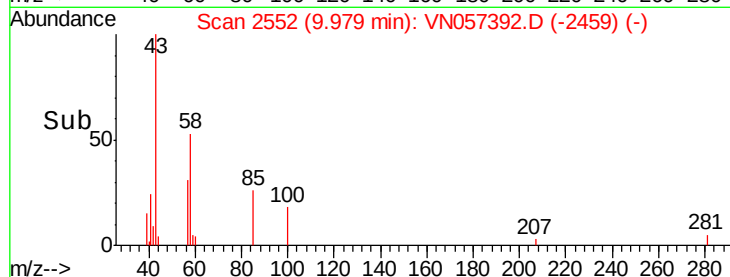
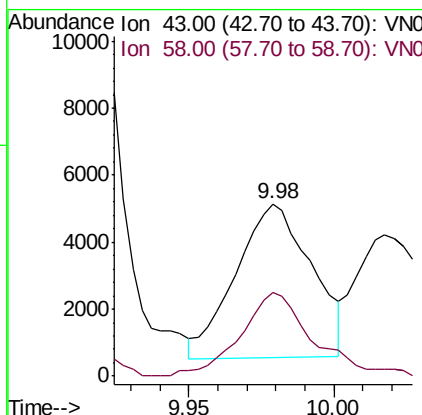
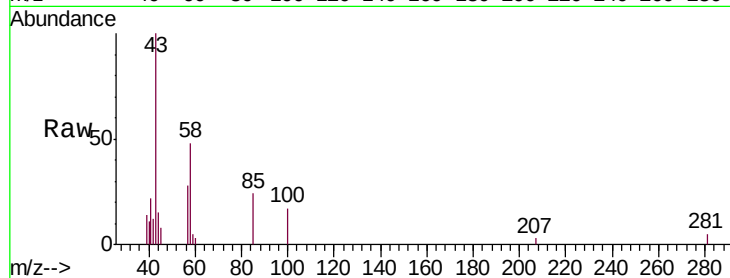




#51
 4-Methyl-2-Pentanone
 Concen: 0.751 ug/l
 RT: 9.98 min Scan# 2552
 Delta R.T. 0.00 min
 Lab File: VN057392.D
 Acq: 19 Aug 2019 11:53

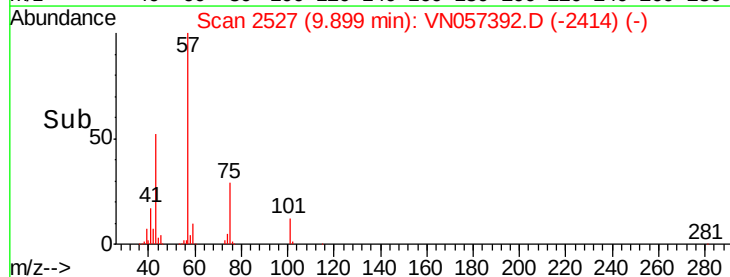
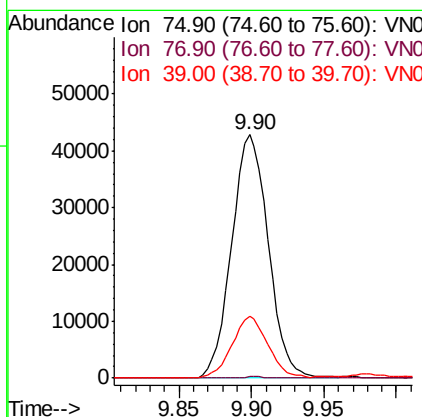
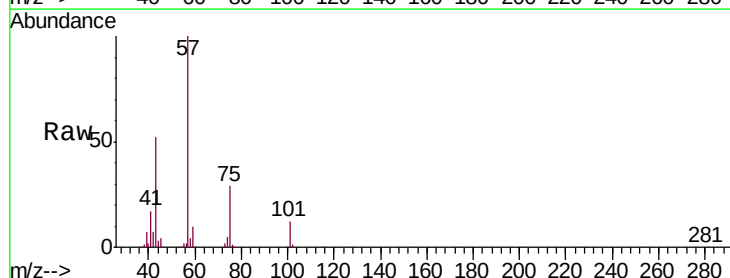
Instrument :
 MSVOA_N
 ClientSampleId :
 2S-K-(1)

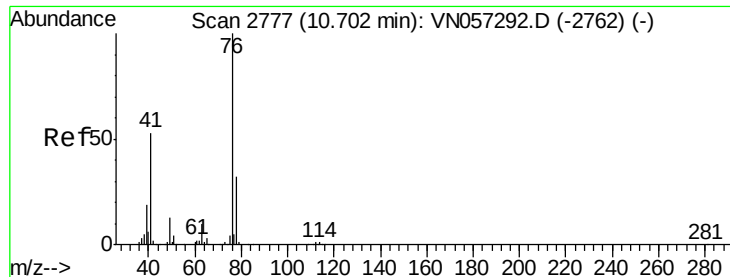
Tgt Ion: 43 Resp: 8361
 Ion Ratio Lower Upper
 43 100
 58 51.8 33.2 49.8#



#54
 cis-1,3-Dichloropropene
 Concen: 4.593 ug/l
 RT: 9.90 min Scan# 2527
 Delta R.T. 0.06 min
 Lab File: VN057392.D
 Acq: 19 Aug 2019 11:53

Tgt Ion: 75 Resp: 75233
 Ion Ratio Lower Upper
 75 100
 77 0.6 24.9 37.3#
 39 25.6 32.7 49.1#

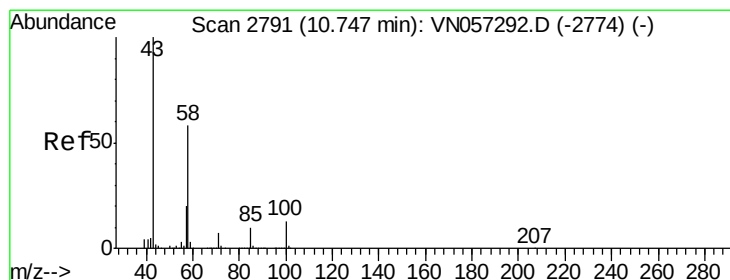
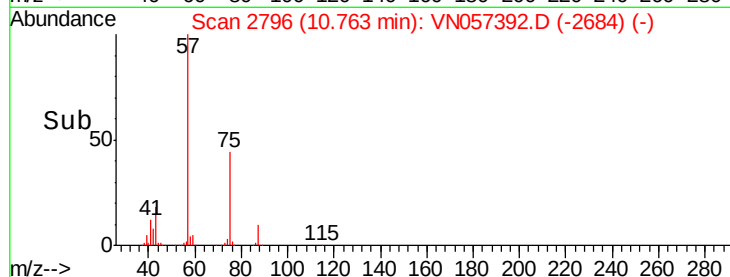
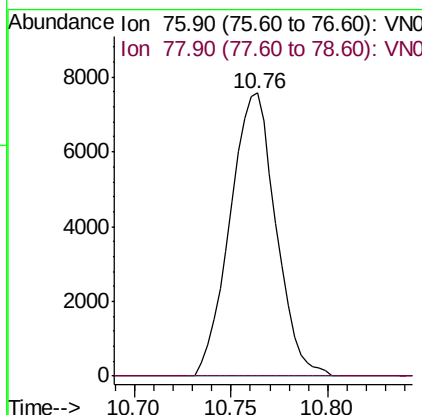
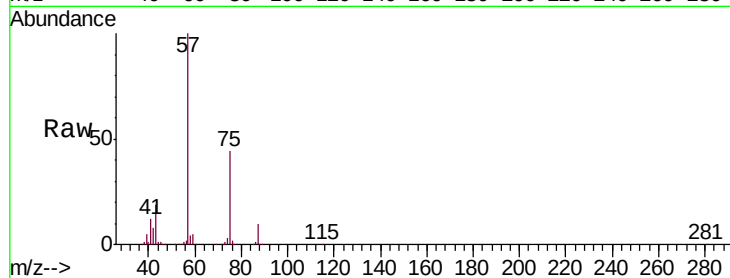




#57
 1,3-Dichloropropane
 Concen: 0.758 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN057392.D
 Acq: 19 Aug 2019 11:53

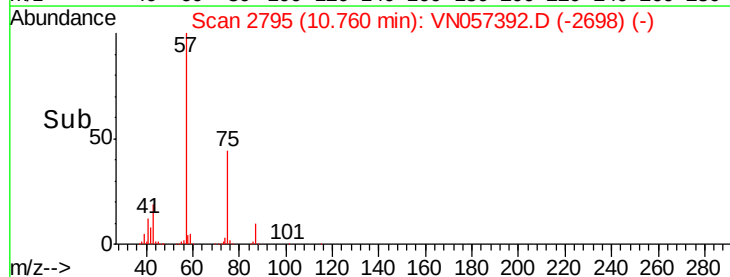
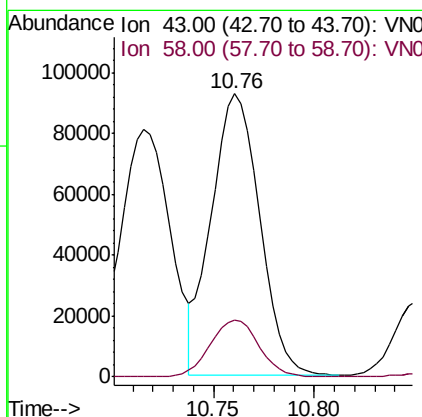
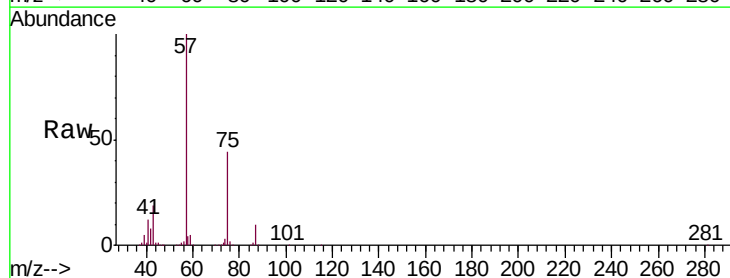
Instrument :
 MSVOA_N
 ClientSampleId :
 2S-K-(1)

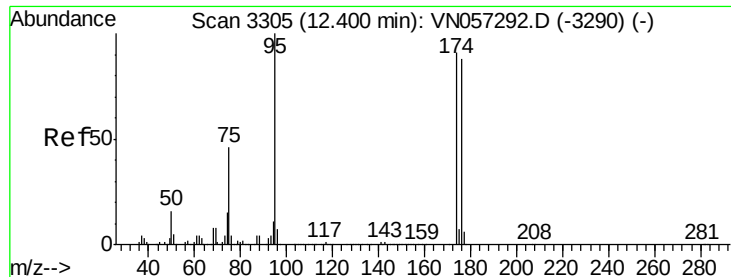
Tgt Ion: 76 Resp: 12497
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.6 38.4#



#59
 2-Hexanone
 Concen: 19.357 ug/l
 RT: 10.76 min Scan# 2795
 Delta R.T. 0.01 min
 Lab File: VN057392.D
 Acq: 19 Aug 2019 11:53

Tgt Ion: 43 Resp: 154944
 Ion Ratio Lower Upper
 43 100
 58 20.6 28.6 85.9#

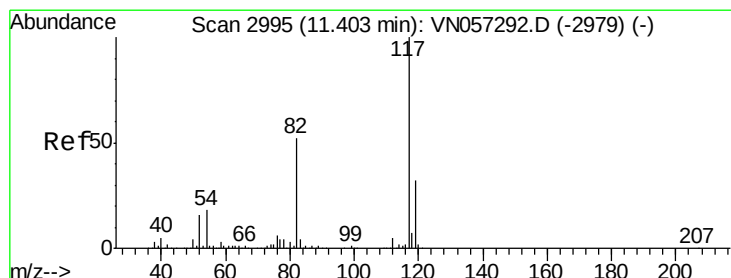
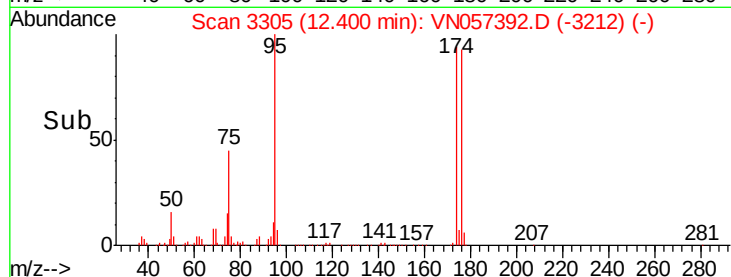
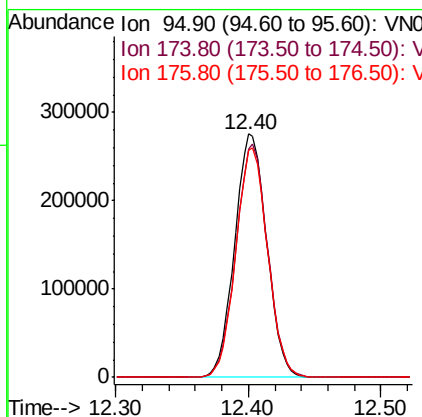
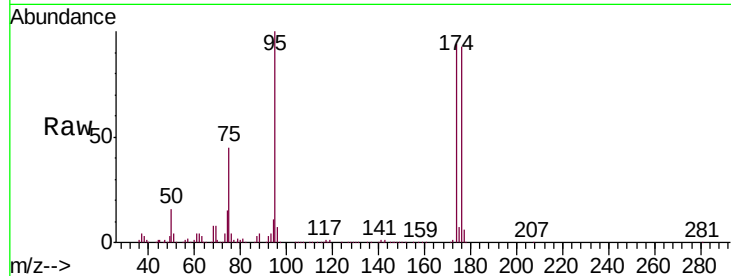




#62
4-Bromofluorobenzene
Concen: 36.494 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN057392.D
Acq: 19 Aug 2019 11:53

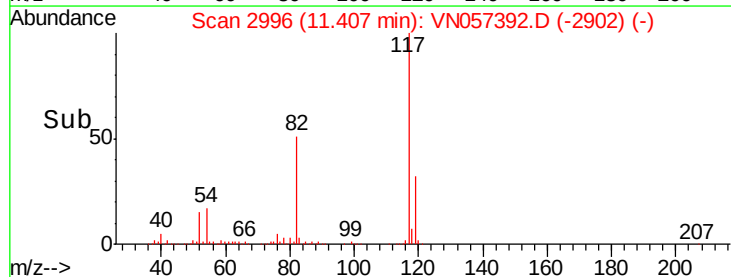
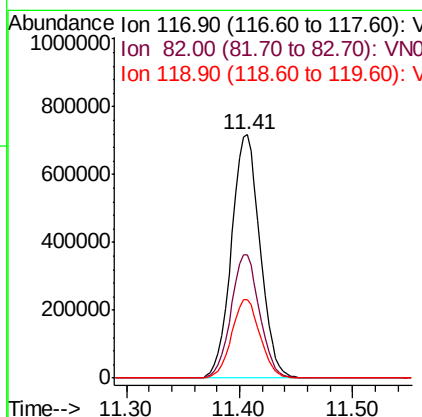
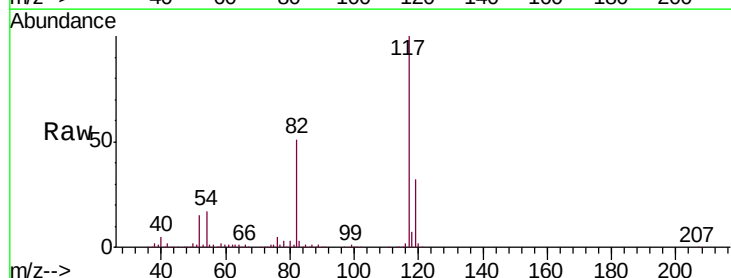
Instrument :
MSVOA_N
ClientSampleId :
2S-K-(1)

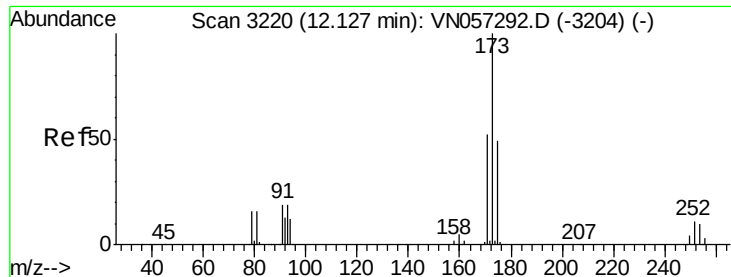
Tgt Ion: 95 Resp: 461453
Ion Ratio Lower Upper
95 100
174 94.9 0.0 185.0
176 93.5 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057392.D
Acq: 19 Aug 2019 11:53

Tgt Ion: 117 Resp: 1261074
Ion Ratio Lower Upper
117 100
82 50.6 41.2 61.8
119 32.5 25.8 38.8





#71

Bromoform

Concen: 0.233 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.27 min

Lab File: VN057392.D

Acq: 19 Aug 2019 11:53

Instrument :

MSVOA_N

ClientSampled :

2S-K-(1)

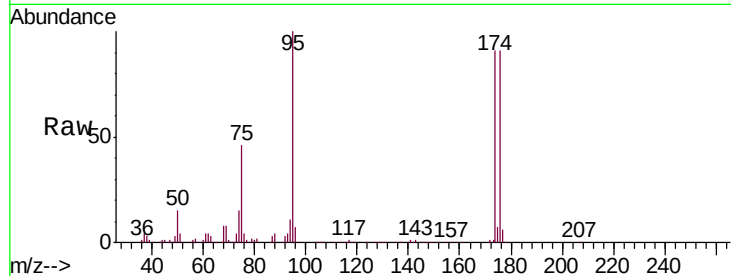
Tgt Ion:173 Resp: 1811

Ion Ratio Lower Upper

173 100

175 0.0 24.2 72.6#

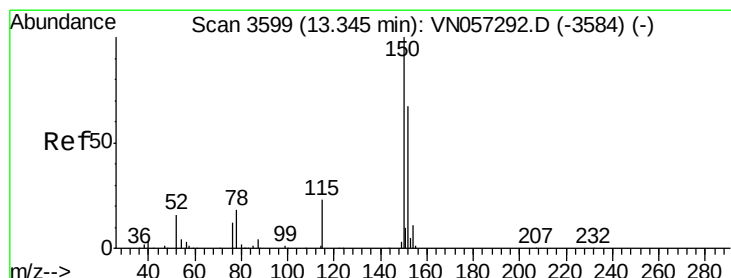
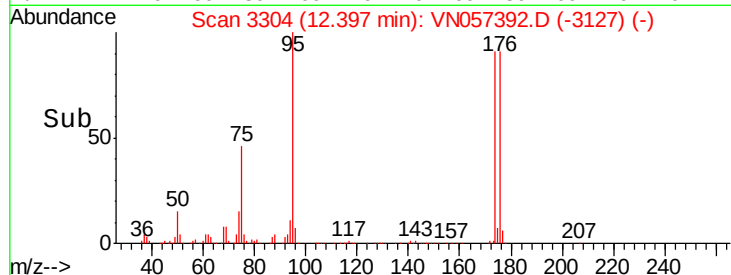
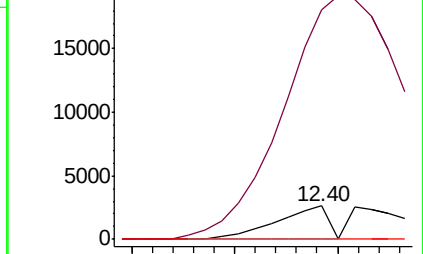
254 0.0 0.2 0.2#



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: VN057392.D

Acq: 19 Aug 2019 11:53

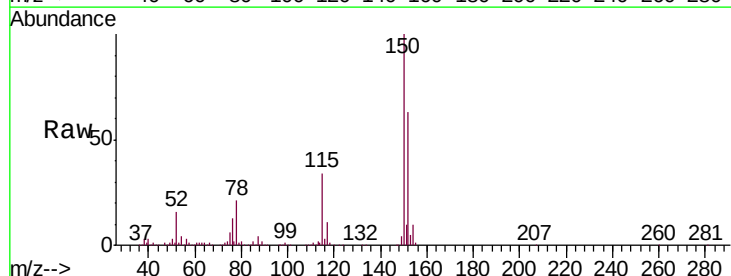
Tgt Ion:152 Resp: 320721

Ion Ratio Lower Upper

152 100

115 55.4 27.3 81.9

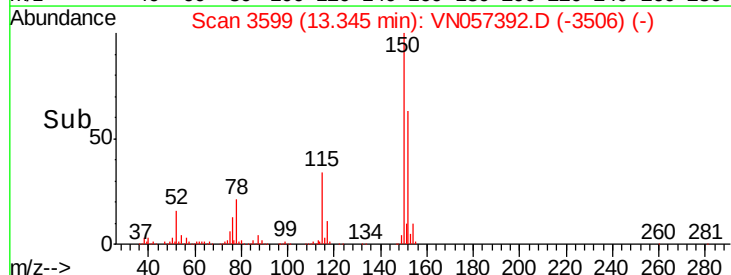
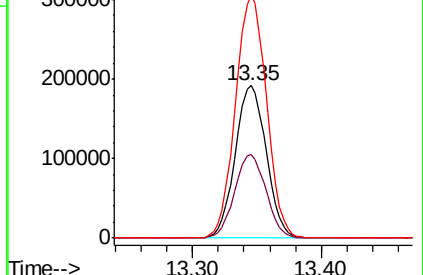
150 159.4 0.0 344.4

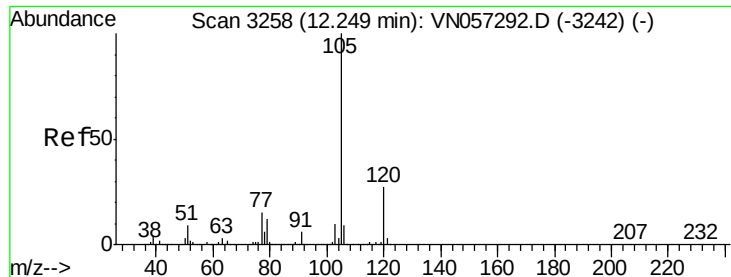


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.24 min Scan# 3256

Delta R.T. -0.01 min

Lab File: VN057392.D

Acq: 19 Aug 2019 11:53

Instrument :

MSVOA_N

ClientSampled :

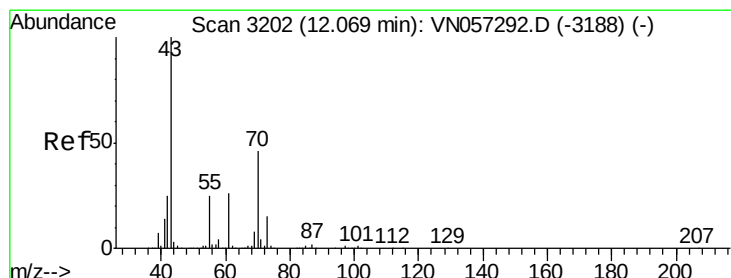
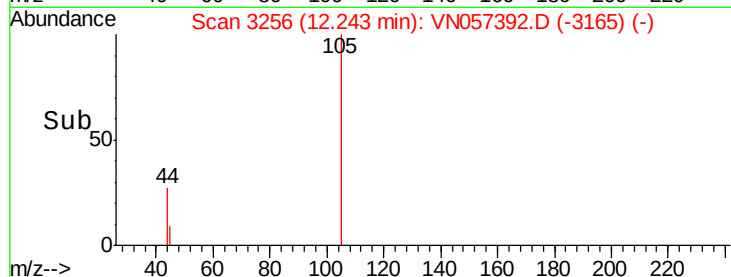
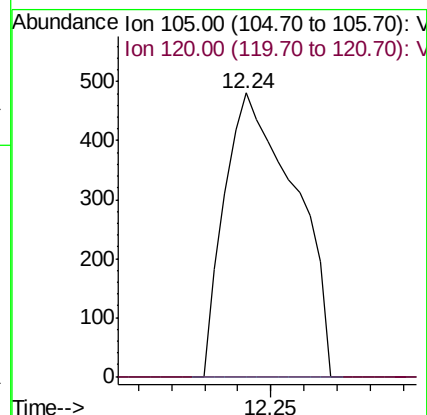
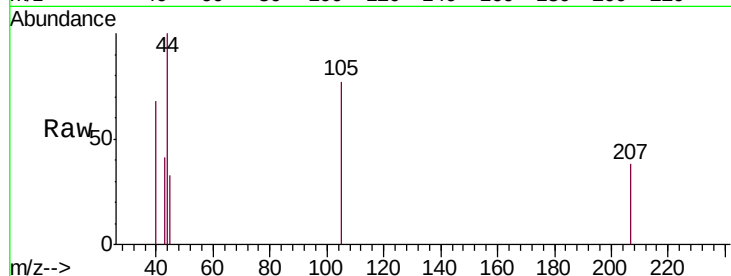
2S-K-(1)

Tgt Ion: 105 Resp: 714

Ion Ratio Lower Upper

105 100

120 0.0 13.2 39.6#



#74

N-ethyl acetate

Concen: 0.587 ug/l

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN057392.D

Acq: 19 Aug 2019 11:53

Tgt Ion: 43 Resp: 5462

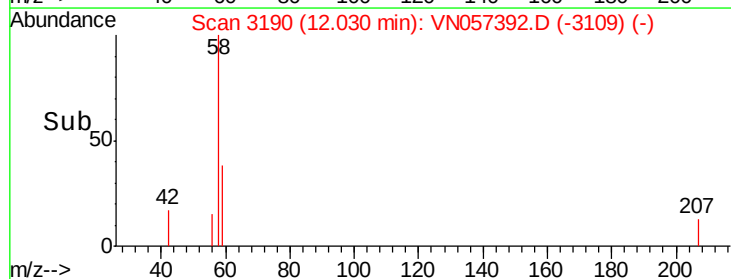
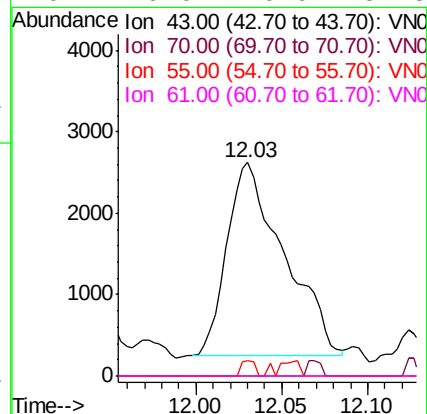
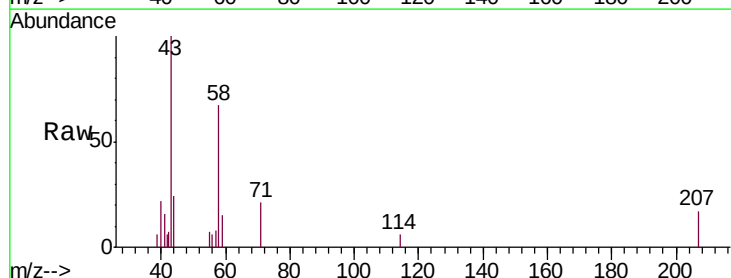
Ion Ratio Lower Upper

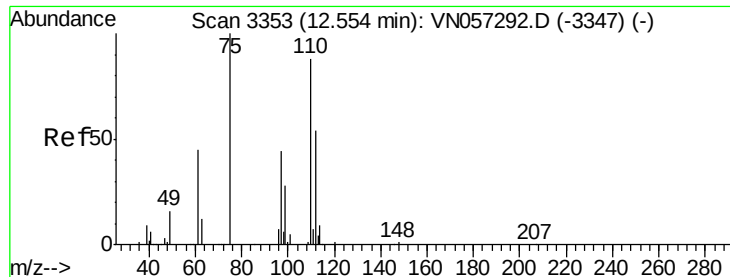
43 100

70 0.0 36.2 54.2#

55 1.9 20.1 30.1#

61 0.0 20.9 31.3#





#76

1,2,3-Trichloropropane

Concen: 32.678 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN057392.D

Acq: 19 Aug 2019 11:53

Instrument :

MSVOA_N

ClientSampled :

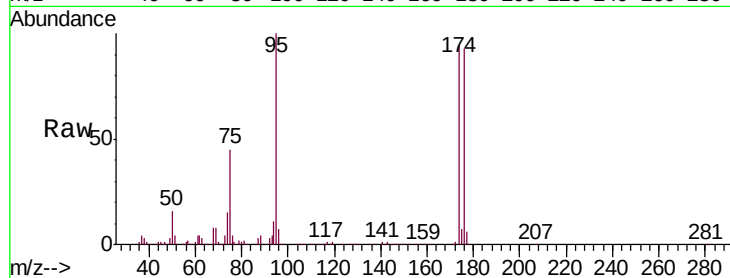
2S-K-(1)

Tgt Ion: 75 Resp: 210447

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

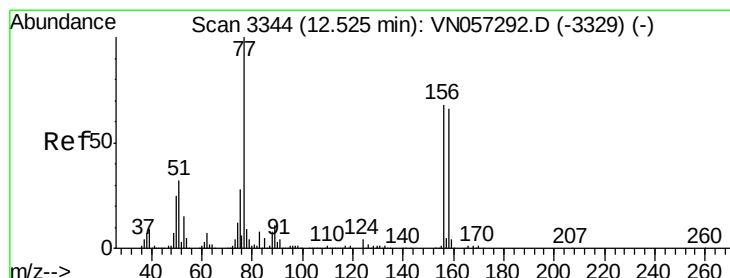
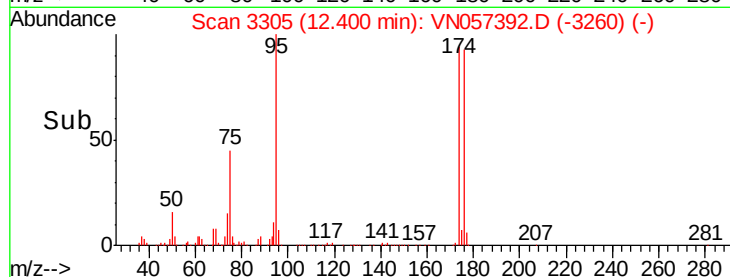
12.40

100000

50000

0

Time-->



#77

Bromobenzene

Concen: Below Cal

RT: 12.52 min Scan# 3343

Delta R.T. -0.00 min

Lab File: VN057392.D

Acq: 19 Aug 2019 11:53

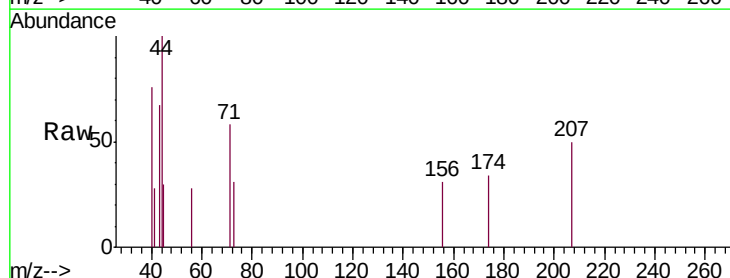
Tgt Ion: 156 Resp: 144

Ion Ratio Lower Upper

156 100

77 172.2 89.8 269.6

158 47.9 49.3 147.8#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V

400

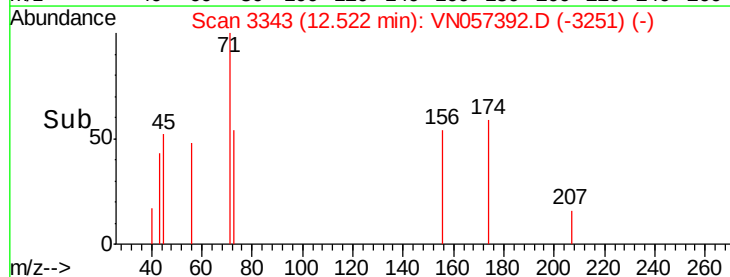
300

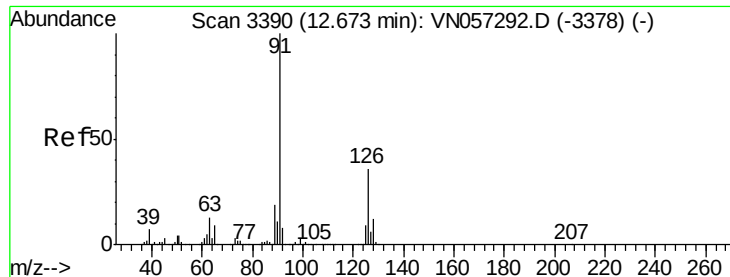
200

100

0

Time-->





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN057392.D

Acq: 19 Aug 2019 11:53

Instrument :

MSVOA_N

ClientSampled :

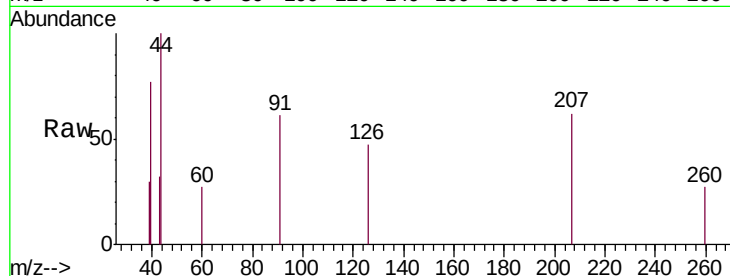
2S-K-(1)

Tgt Ion: 91 Resp: 477

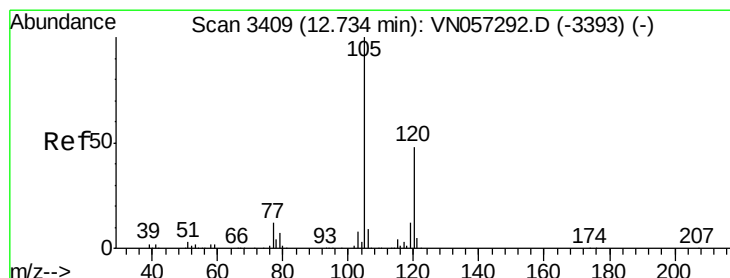
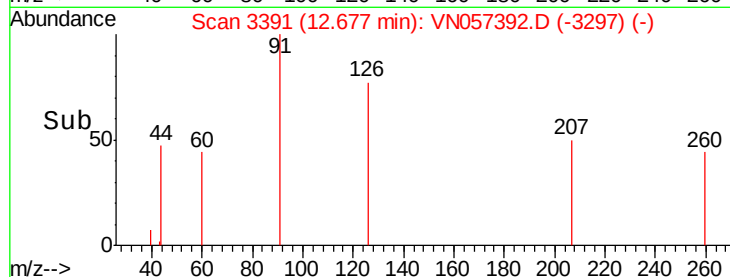
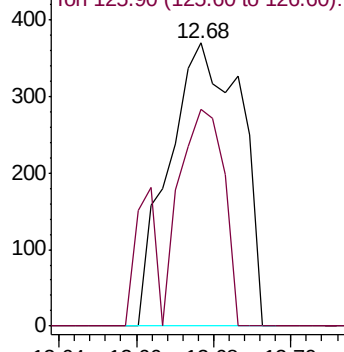
Ion Ratio Lower Upper

91 100

126 47.0 18.1 54.1



Abundance Ion 91.00 (90.70 to 91.70): VN057292.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN057392.D

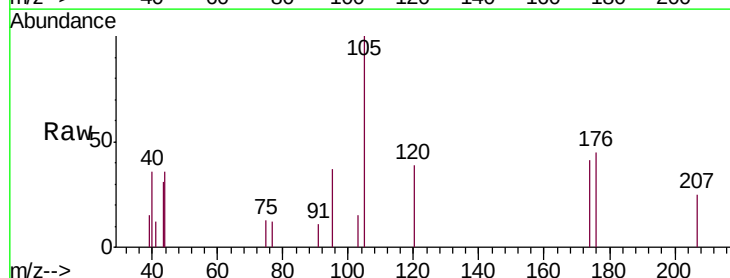
Acq: 19 Aug 2019 11:53

Tgt Ion: 105 Resp: 2283

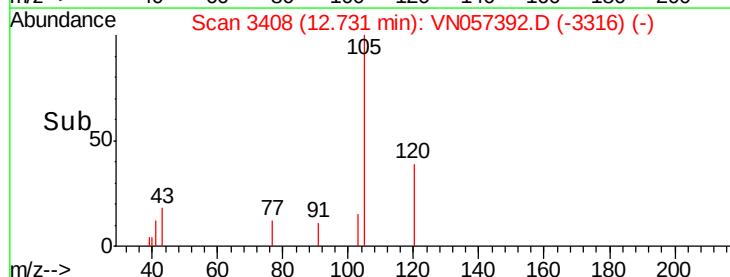
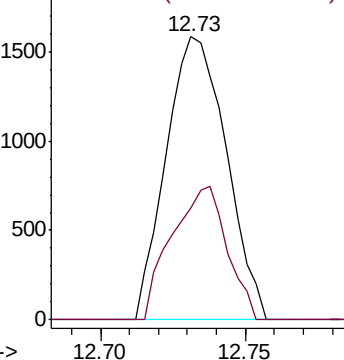
Ion Ratio Lower Upper

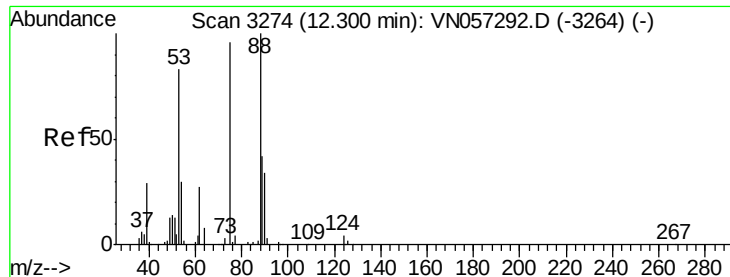
105 100

120 43.4 24.3 73.0



Abundance Ion 105.00 (104.70 to 105.70): VN057292.D (-3393) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 80.012 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN057392.D

Acq: 19 Aug 2019 11:53

Instrument :

MSVOA_N

ClientSampleId :

2S-K-(1)

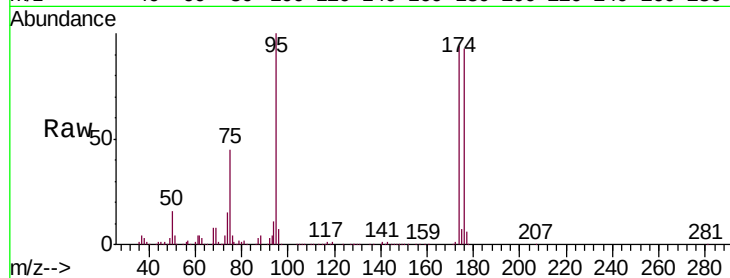
Tgt Ion: 75 Resp: 210447

Ion Ratio Lower Upper

75 100

53 0.0 67.9 101.9#

89 0.0 36.2 54.4#



Abundance Ion 74.90 (74.60 to 75.60): VN057392.D (-3305) (-)

Ion 53.00 (52.70 to 53.70): VN057392.D (-3305) (-)

Ion 88.90 (88.60 to 89.60): VN057392.D (-3305) (-)

150000

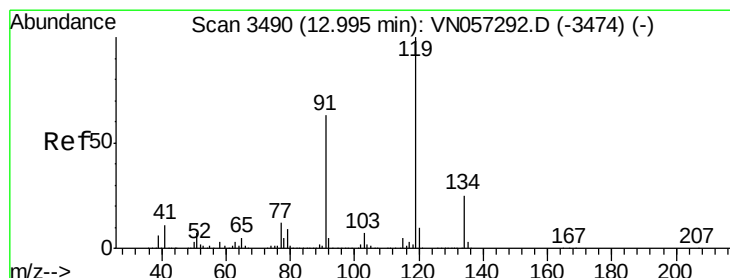
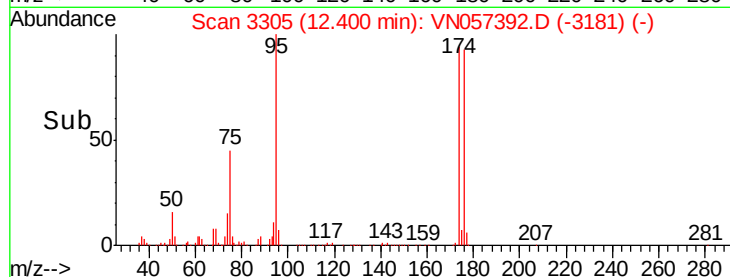
100000

50000

0

12.35 12.40 12.45

Time-->



#83

tert-Butylbenzene

Concen: Below Cal

RT: 12.99 min Scan# 3489

Delta R.T. -0.00 min

Lab File: VN057392.D

Acq: 19 Aug 2019 11:53

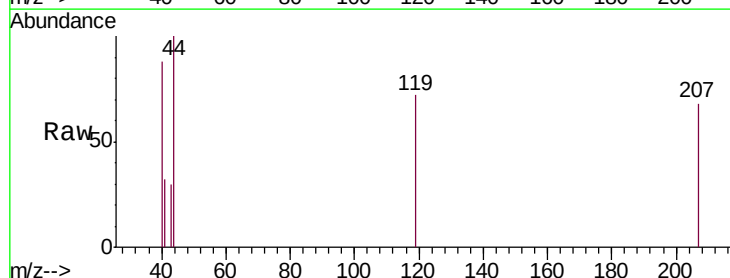
Tgt Ion: 119 Resp: 417

Ion Ratio Lower Upper

119 100

91 0.0 31.3 93.8#

134 0.0 13.1 39.1#



Abundance Ion 119.00 (118.70 to 119.70): VN057392.D (-3489) (-)

Ion 91.00 (90.70 to 91.70): VN057392.D (-3489) (-)

Ion 134.00 (133.70 to 134.70): VN057392.D (-3489) (-)

500

400

300

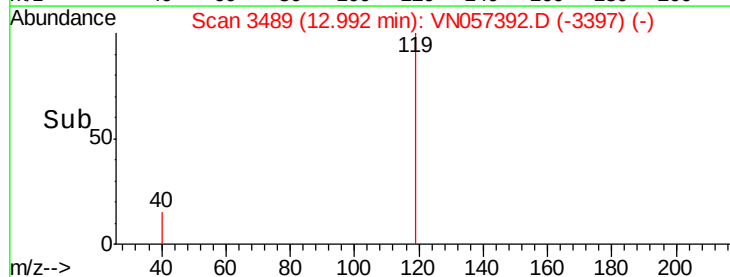
200

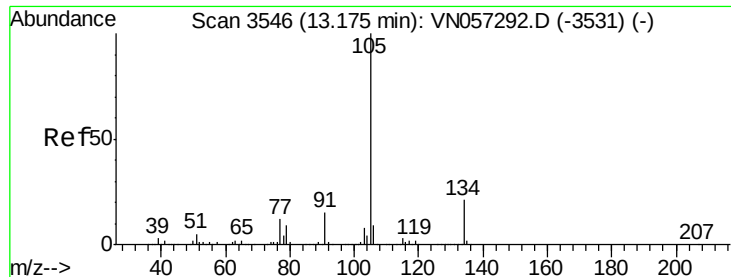
100

0

12.98 13.00 13.02

Time-->





#85

sec-Butylbenzene

Concen: Below Cal

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN057392.D

Acq: 19 Aug 2019 11:53

Instrument :

MSVOA_N

ClientSampled :

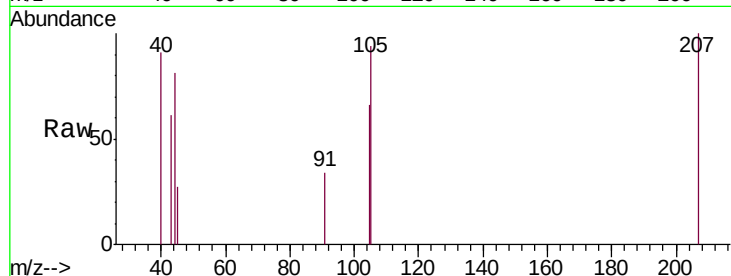
2S-K-(1)

Tgt Ion:105 Resp: 926

Ion Ratio Lower Upper

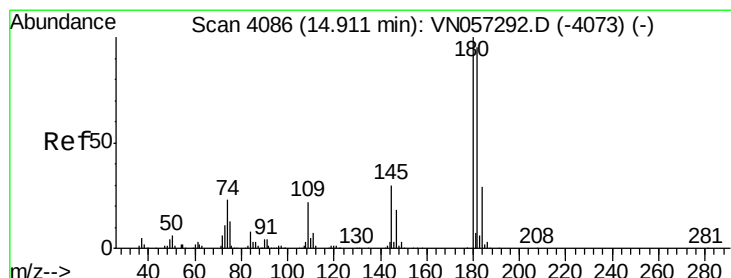
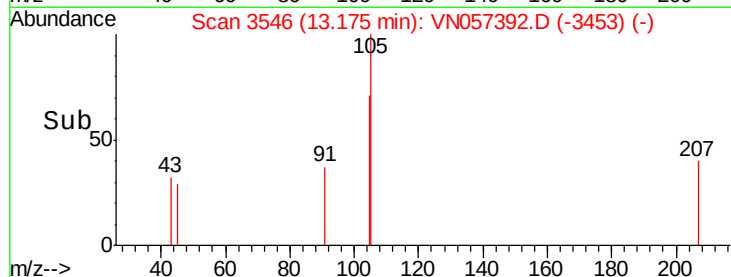
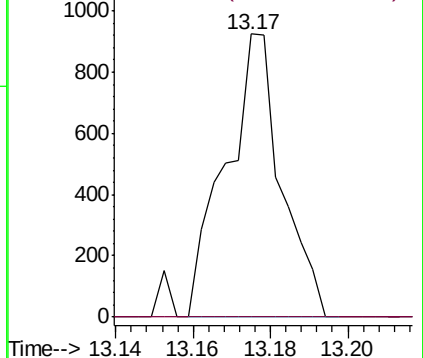
105 100

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: 5.582 ug/l

RT: 14.91 min Scan# 4087

Delta R.T. 0.00 min

Lab File: VN057392.D

Acq: 19 Aug 2019 11:53

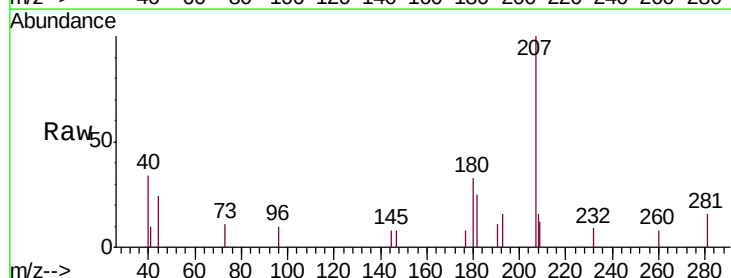
Tgt Ion:180 Resp: 1063

Ion Ratio Lower Upper

180 100

182 73.8 48.0 144.2

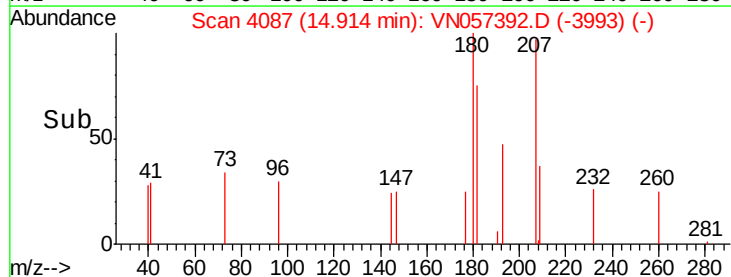
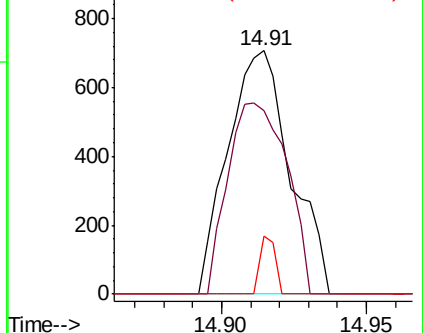
145 5.7 14.5 43.6#

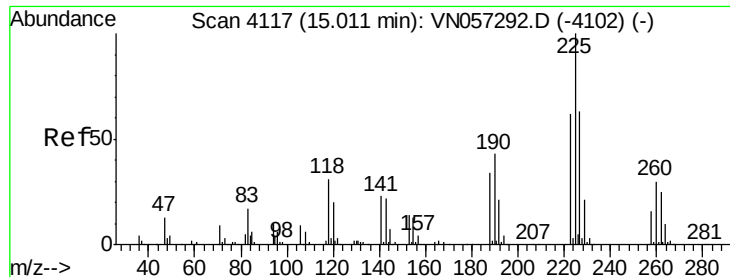


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4117

Delta R.T. 0.00 min

Lab File: VN057392.D

Acq: 19 Aug 2019 11:53

Instrument :

MSVOA_N

ClientSampleId :

2S-K-(1)

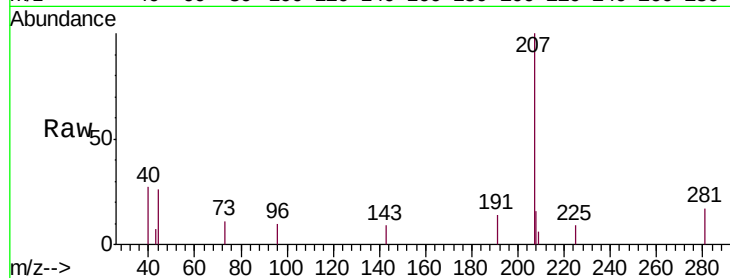
Tgt Ion:225 Resp: 229

Ion Ratio Lower Upper

225 100

223 0.0 30.7 92.1#

227 0.0 30.9 92.7#



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

15.01

250

200

150

100

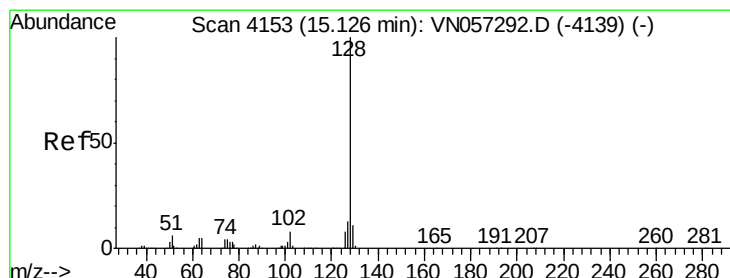
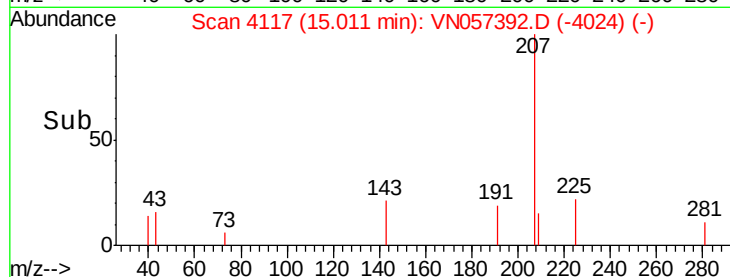
50

0

15.00

15.02

Time-->



#95

Naphthalene

Concen: Below Cal

RT: 15.12 min Scan# 4152

Delta R.T. -0.00 min

Lab File: VN057392.D

Acq: 19 Aug 2019 11:53

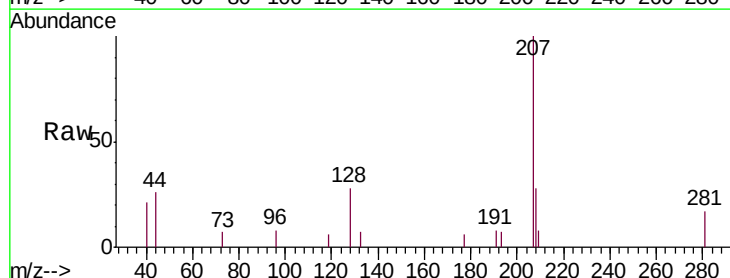
Tgt Ion:128 Resp: 1188

Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

129 0.0 8.8 13.2#



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

15.12

1000

800

600

400

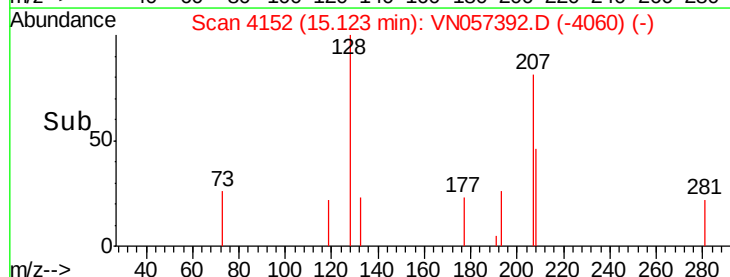
200

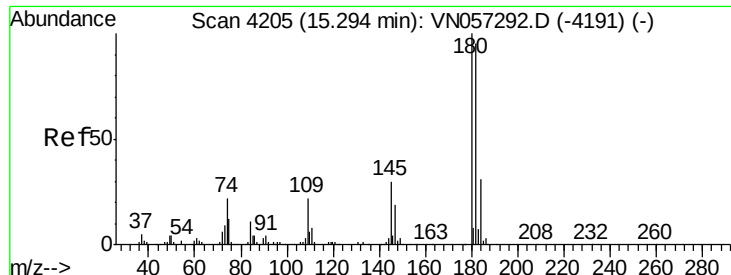
0

15.10

15.15

Time-->





#96
 1,2,3-Trichlorobenzene
 Concen: Below Cal
 RT: 15.29 min Scan# 4205
 Delta R.T. 0.00 min
 Lab File: VN057392.D
 Acq: 19 Aug 2019 11:53

Instrument :
 MSVOA_N
 ClientSampleId :
 2S-K-(1)

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.9	143.6
145	34.7	15.1	45.3

