

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081119\
 Data File : VN057187.D
 Acq On : 11 Aug 2019 15:03
 Operator : JC/SP
 Sample : K4227-28
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1S-P-(0)

Quant Time: Aug 12 05:55:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080719W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:49:25 2019
 Response via : Initial Calibration

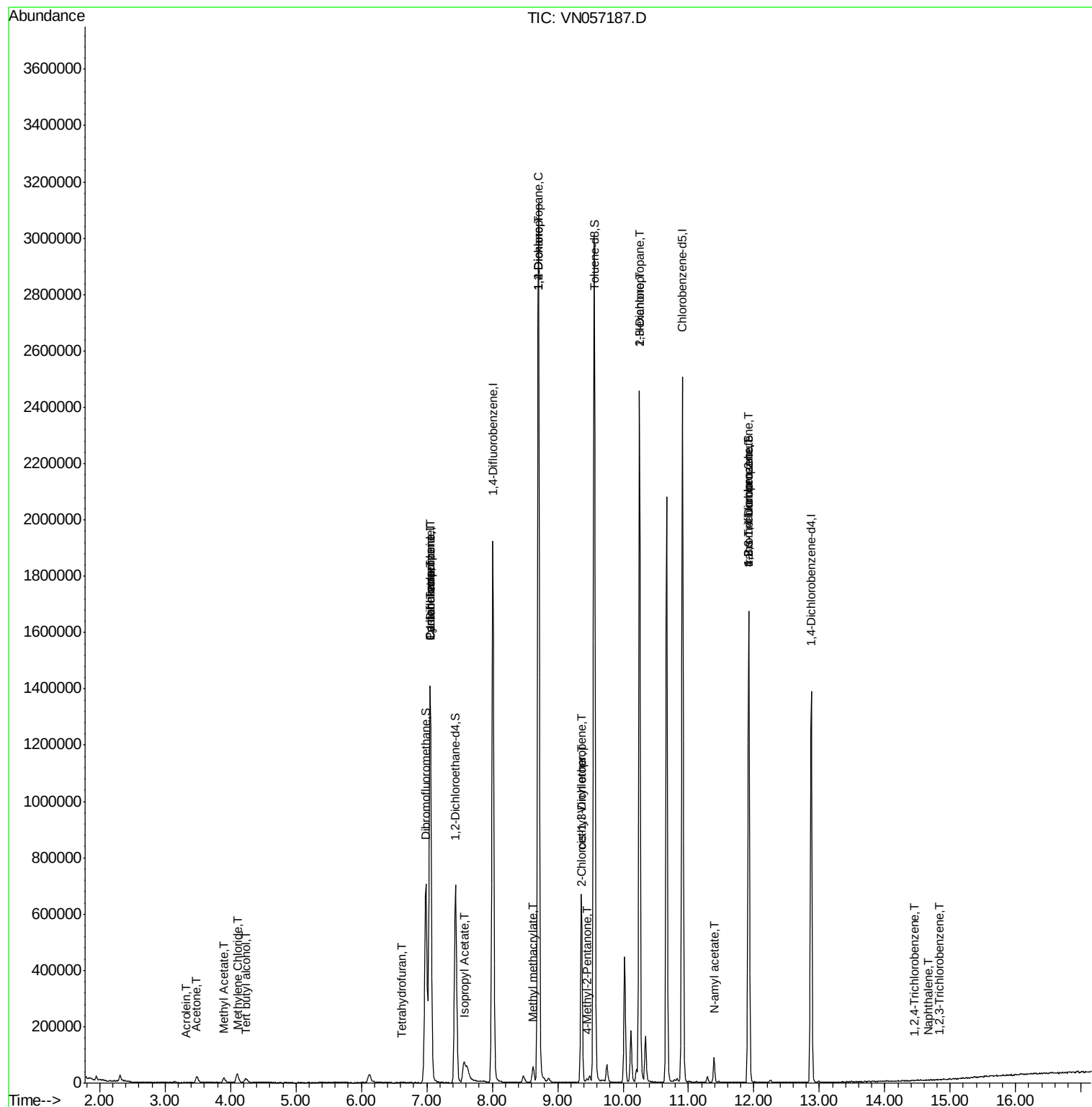
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1357567	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	1909899	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.91	117	1590227	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.88	152	416300	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	626924	44.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.80%	
35) Dibromofluoromethane	6.99	113	570867	47.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.26%	
50) Toluene-d8	9.56	98	2237452	48.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.60%	
62) 4-Bromofluorobenzene	11.92	95	586974	39.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.46%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.23	59	12404	6.243	ug/l #	73
13) Acrolein	3.31	56	292	0.232	ug/l #	14
16) Acetone	3.48	43	33025	7.832	ug/l	100
18) Methyl Acetate	3.90	43	29095	1.681	ug/l	99
20) Methylene Chloride	4.11	84	23192	1.667	ug/l #	91
29) Tetrahydrofuran	6.61	42	973	0.224	ug/l #	76
31) Cyclohexane	7.06	56	20252	1.000	ug/l #	1
36) 1,1-Dichloropropene	7.05	75	83524	5.311	ug/l #	48
38) Carbon Tetrachloride	7.05	117	113540	6.928	ug/l #	16
43) Isopropyl Acetate	7.56	43	86715	3.920	ug/l #	76
45) 1,2-Dichloropropane	8.71	63	4910	0.381	ug/l #	43
48) Methyl methacrylate	8.62	41	20218	1.938	ug/l #	10
49) 1,4-Dioxane	8.71	88	601	2.829	ug/l #	1
51) 4-Methyl-2-Pentanone	9.45	43	7404	0.575	ug/l	95
54) cis-1,3-Dichloropropene	9.36	75	136865	7.140	ug/l #	60
57) 1,3-Dichloropropane	10.25	76	27084	1.352	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.38	63	32	13.120	ug/l #	47
59) 2-Hexanone	10.25	43	343912	39.469	ug/l #	49
73) Isopropylbenzene	11.76	105	349	Below Cal	#	48
74) N-amyl acetate	11.39	43	26259	2.489	ug/l #	51
75) 1,1,2,2-Tetrachloroethane	11.92	83	106	Below Cal	#	1
76) 1,2,3-Trichloropropane	11.92	75	274583	32.772	ug/l #	100
79) 2-Chlorotoluene	12.19	91	268	Below Cal	#	39
81) trans-1,4-Dichloro-2-buten	11.92	75	274583	96.981	ug/l #	14
83) tert-Butylbenzene	12.53	119	329	Below Cal	#	28
90) Hexachloroethane	13.14	117	111	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.45	180	339	5.980	ug/l	90
94) Hexachlorobutadiene	14.55	225	259	Below Cal	#	19
95) Naphthalene	14.67	128	559	2.854	ug/l #	69
96) 1,2,3-Trichlorobenzene	14.83	180	383	5.775	ug/l #	70

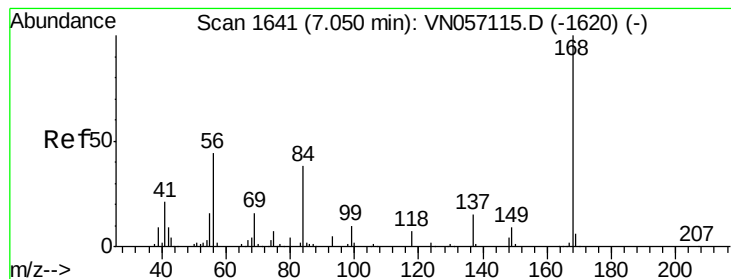
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 1642

Delta R.T. 0.00 min

Lab File: VN057187.D

Acq: 11 Aug 2019 15:03

Instrument :

MSVOA_N

ClientSampled :

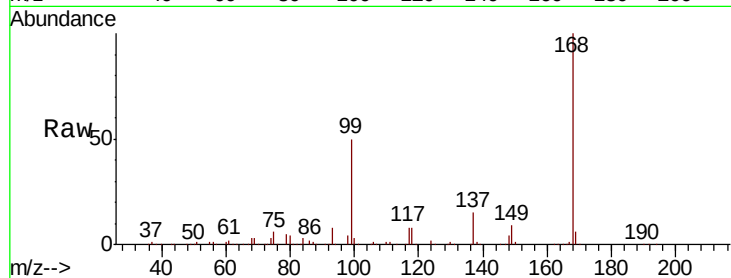
1S-P-(0)

Tgt Ion:168 Resp: 1357567

Ion Ratio Lower Upper

168 100

99 49.8 38.6 57.8



Abundance Ion 167.90 (167.60 to 168.60): VN057115.D

Ion 98.90 (98.60 to 99.60): VN057115.D

7.05

600000

500000

400000

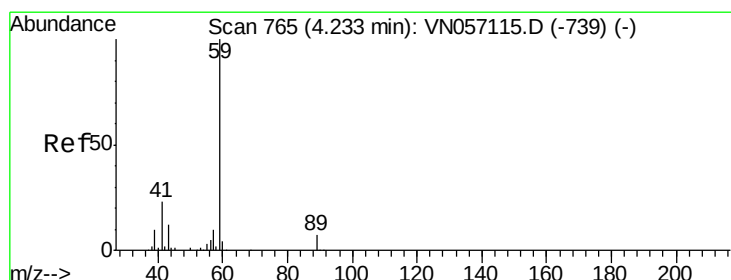
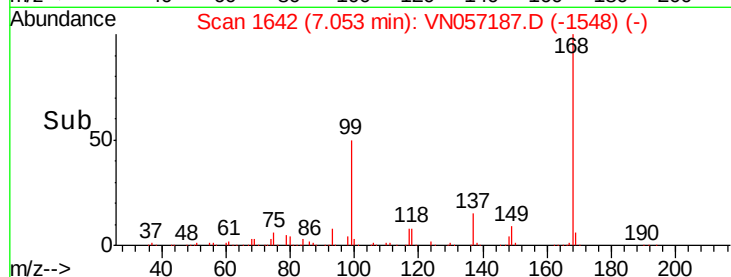
300000

200000

100000

0

Time--> 6.90 7.00 7.10 7.20



#11

Tert butyl alcohol

Concen: 6.243 ug/l

RT: 4.23 min Scan# 764

Delta R.T. -0.00 min

Lab File: VN057187.D

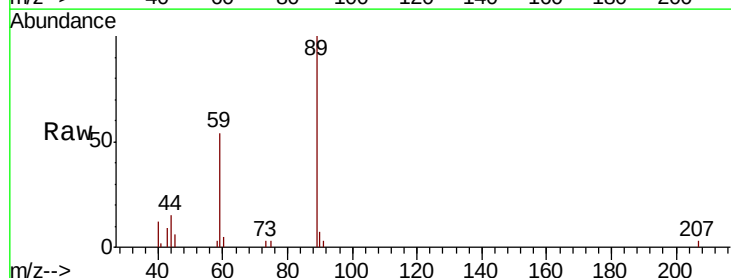
Acq: 11 Aug 2019 15:03

Tgt Ion: 59 Resp: 12404

Ion Ratio Lower Upper

59 100

57 0.0 7.9 11.9#



Abundance Ion 59.00 (58.70 to 59.70): VN057115.D

Ion 57.00 (56.70 to 57.70): VN057115.D

4.23

4000

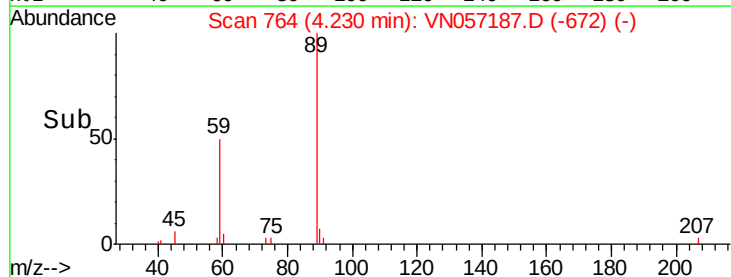
3000

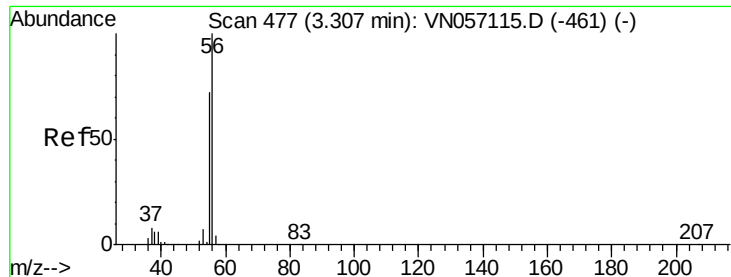
2000

1000

0

Time--> 4.15 4.20 4.25 4.30 4.35





#13

Acrolein

Concen: 0.232 ug/l

RT: 3.31 min Scan# 478

Delta R.T. 0.00 min

Lab File: VN057187.D

Acq: 11 Aug 2019 15:03

Instrument :

MSVOA_N

ClientSampled :

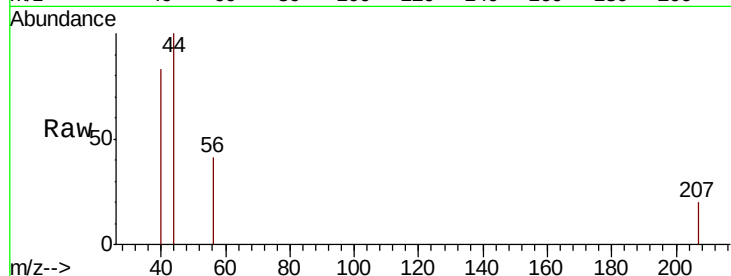
1S-P-(0)

Tgt Ion: 56 Resp: 292

Ion Ratio Lower Upper

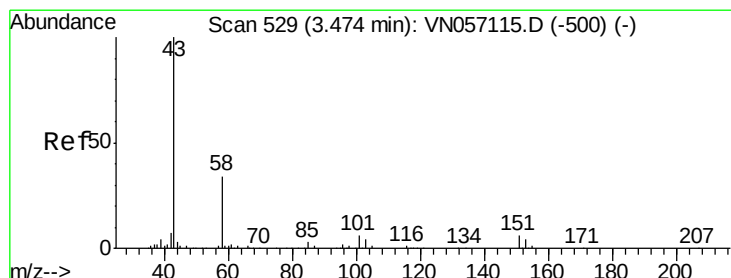
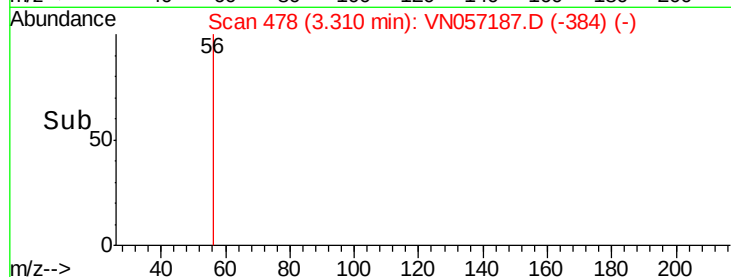
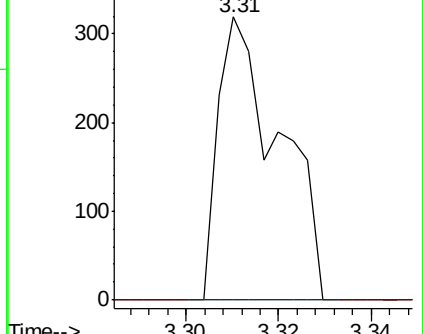
56 100

55 0.0 57.7 86.5#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#16

Acetone

Concen: 7.832 ug/l

RT: 3.48 min Scan# 531

Delta R.T. 0.01 min

Lab File: VN057187.D

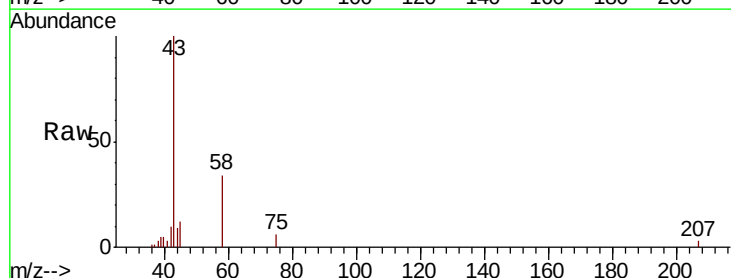
Acq: 11 Aug 2019 15:03

Tgt Ion: 43 Resp: 33025

Ion Ratio Lower Upper

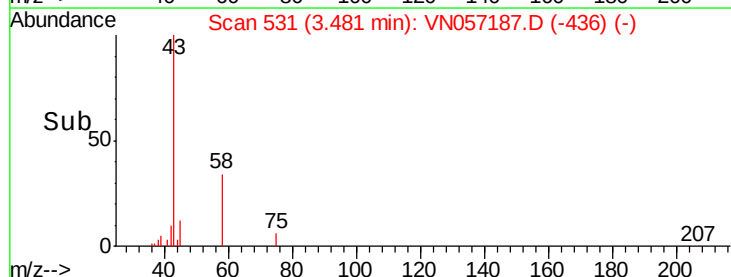
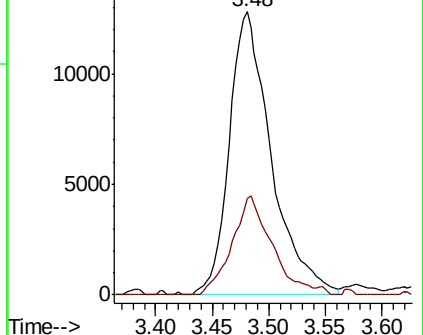
43 100

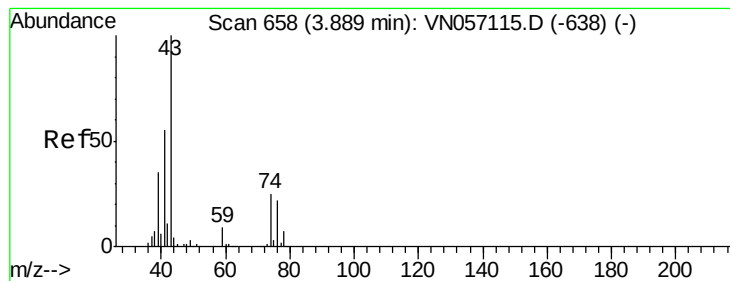
58 34.1 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#18

Methyl Acetate

Concen: 1.681 ug/l

RT: 3.90 min Scan# 661

Delta R.T. 0.01 min

Lab File: VN057187.D

Acq: 11 Aug 2019 15:03

Instrument :

MSVOA_N

ClientSampled :

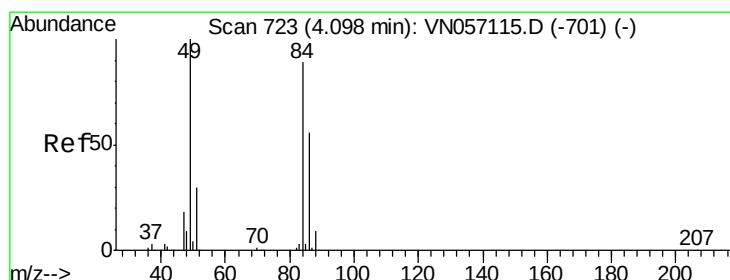
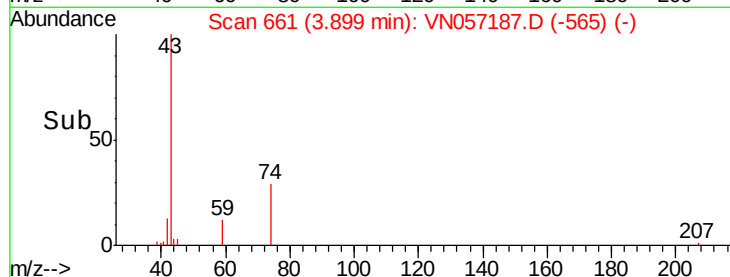
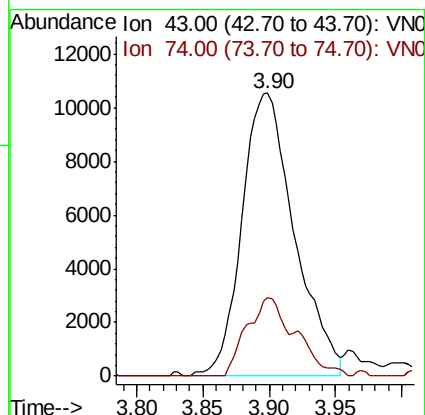
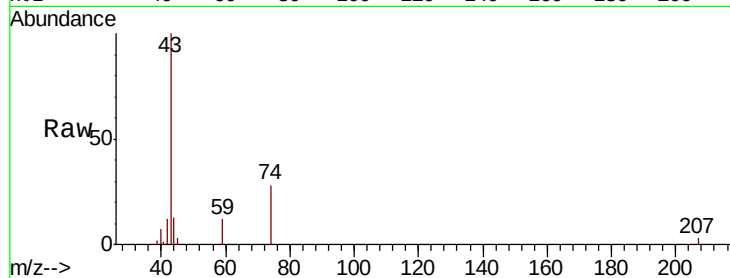
1S-P-(0)

Tgt Ion: 43 Resp: 29095

Ion Ratio Lower Upper

43 100

74 25.8 20.2 30.4



#20

Methylene Chloride

Concen: 1.667 ug/l

RT: 4.11 min Scan# 726

Delta R.T. 0.01 min

Lab File: VN057187.D

Acq: 11 Aug 2019 15:03

Tgt Ion: 84 Resp: 23192

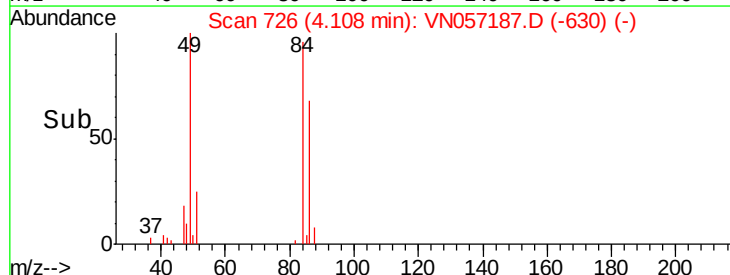
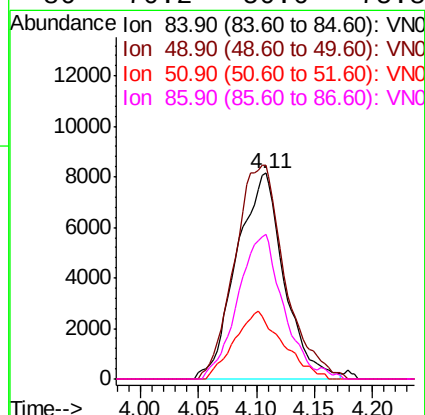
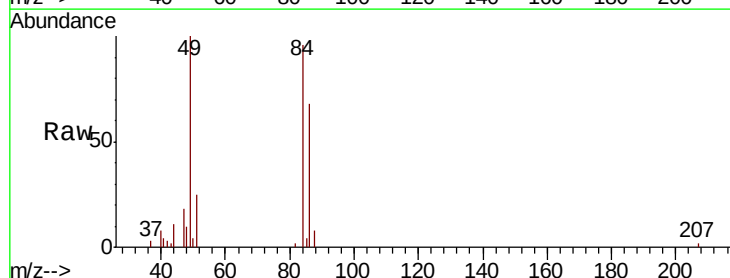
Ion Ratio Lower Upper

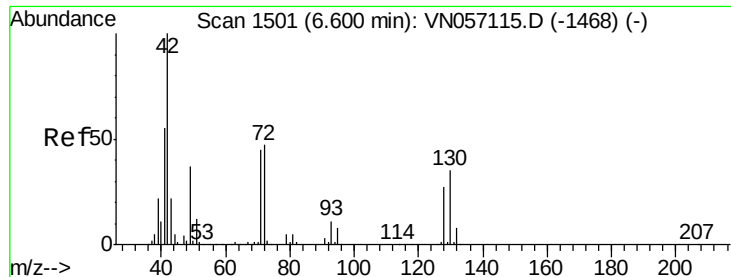
84 100

49 103.8 89.5 134.3

51 26.5 27.2 40.8

86 70.2 50.6 75.8

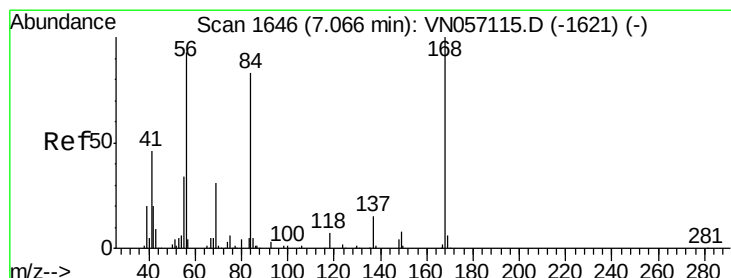
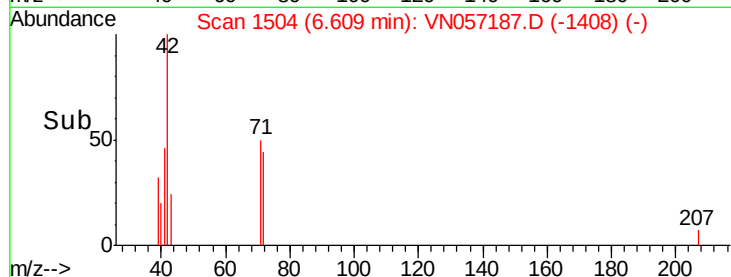
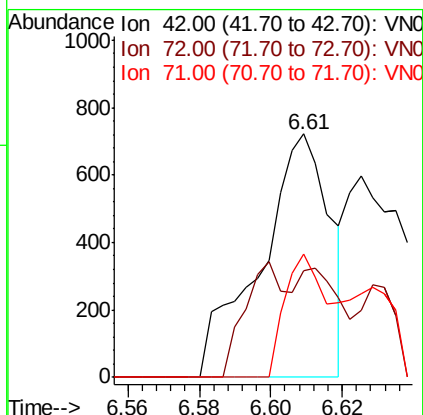
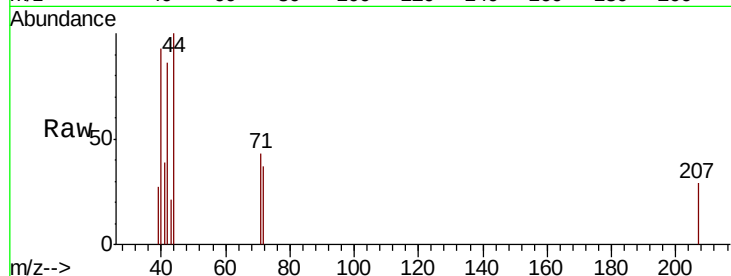




#29
Tetrahydrofuran
Concen: 0.224 ug/l
RT: 6.61 min Scan# 1504
Delta R.T. 0.01 min
Lab File: VN057187.D
Acq: 11 Aug 2019 15:03

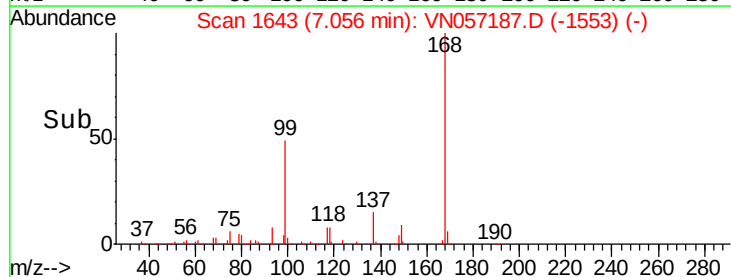
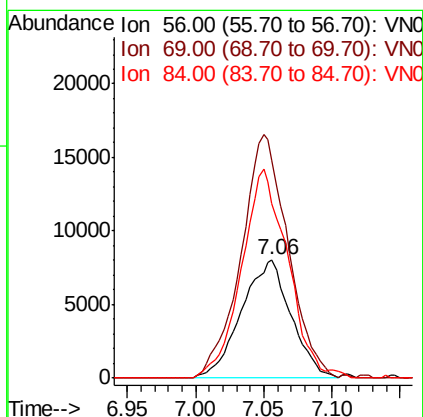
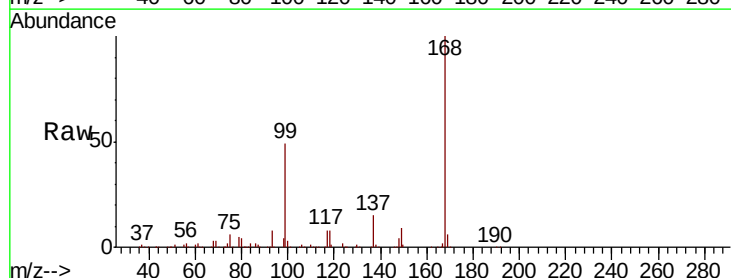
Instrument :
MSVOA_N
ClientSampled :
1S-P-(0)

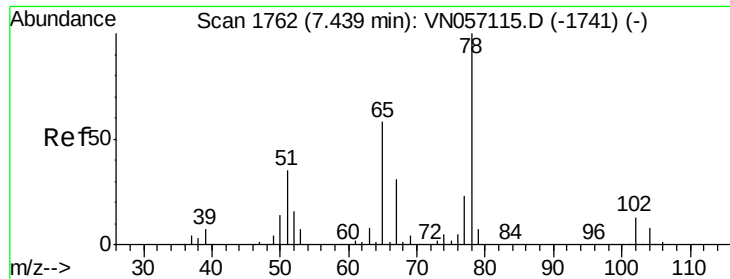
Tgt Ion: 42 Resp: 973
Ion Ratio Lower Upper
42 100
72 26.4 37.1 55.7#
71 31.8 34.8 52.2#



#31
Cyclohexane
Concen: 1.000 ug/l
RT: 7.06 min Scan# 1643
Delta R.T. -0.01 min
Lab File: VN057187.D
Acq: 11 Aug 2019 15:03

Tgt Ion: 56 Resp: 20252
Ion Ratio Lower Upper
56 100
69 183.3 26.9 40.3#
84 147.5 71.9 107.9#

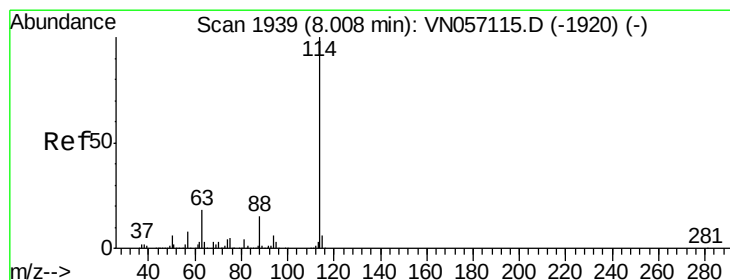
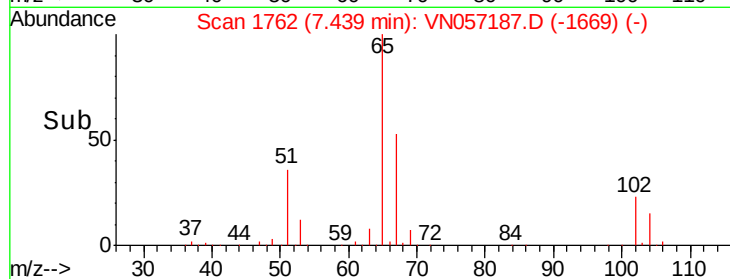
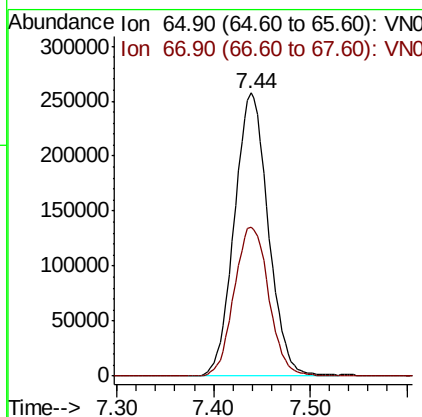
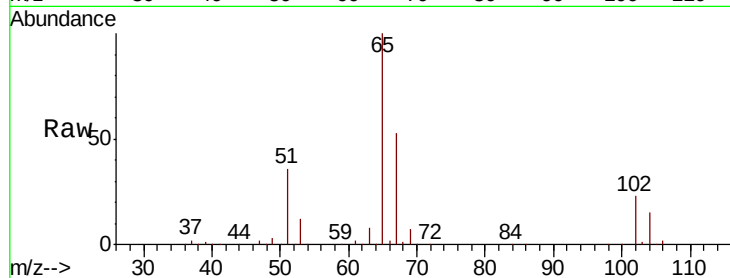




#33
 1,2-Dichloroethane-d4
 Concen: 44.903 ug/l
 RT: 7.44 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VN057187.D
 Acq: 11 Aug 2019 15:03

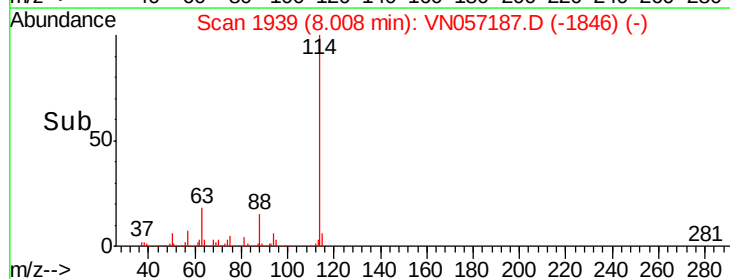
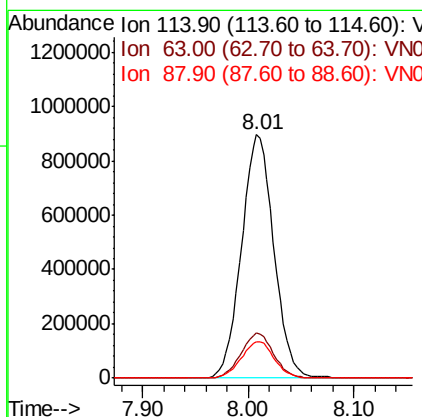
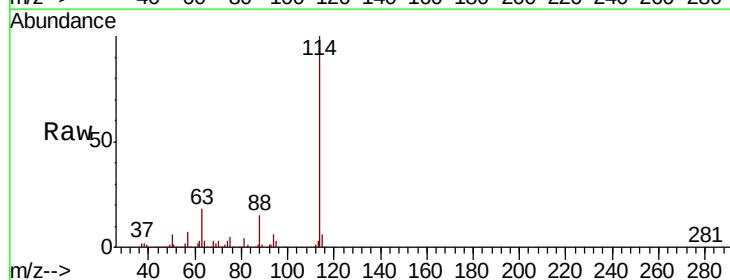
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 ClientSampleId :
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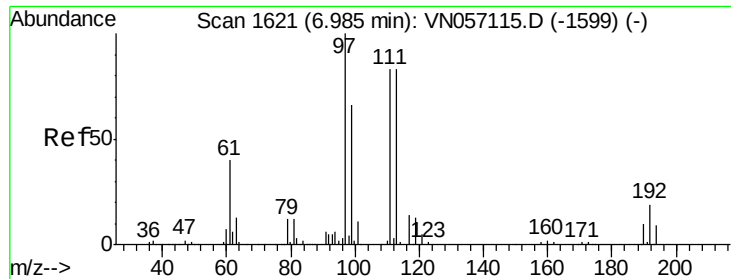
Tgt Ion: 65 Resp: 626924
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: VN057187.D
 Acq: 11 Aug 2019 15:03

Tgt Ion: 114 Resp: 1909899
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 36.2
 88 14.9 0.0 30.0

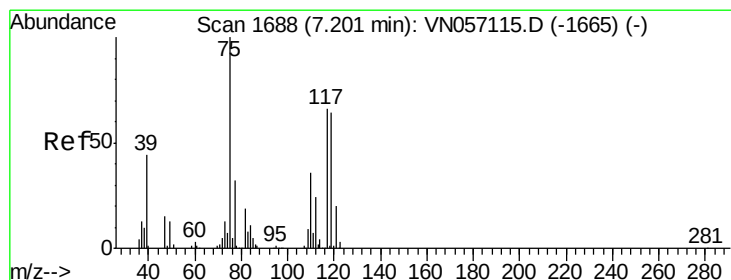
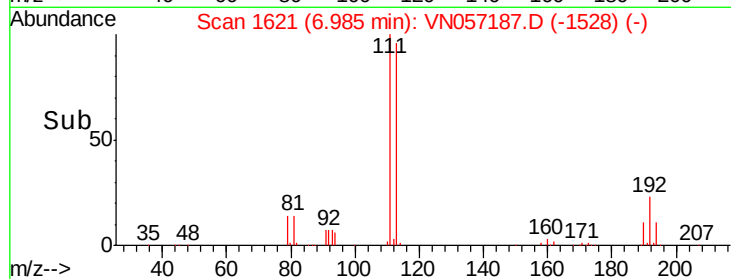
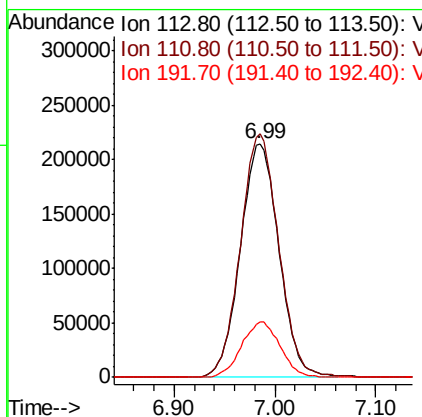
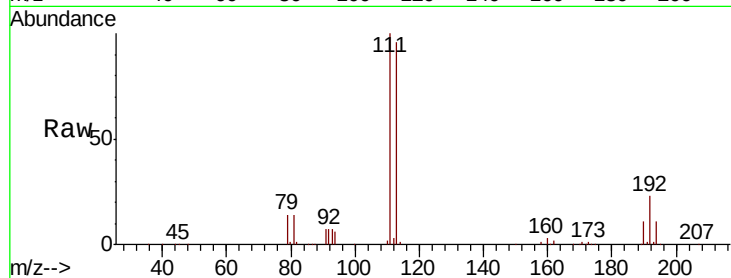




#35
 Dibromofluoromethane
 Concen: 47.632 ug/l
 RT: 6.99 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VN057187.D
 Acq: 11 Aug 2019 15:03

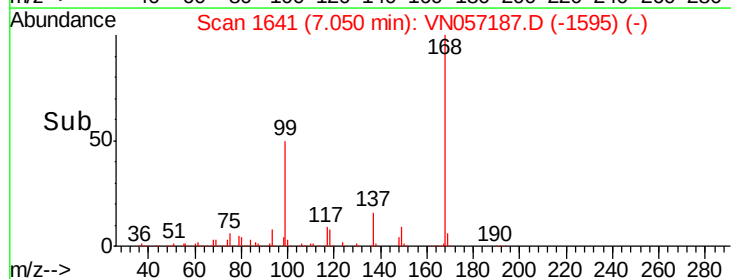
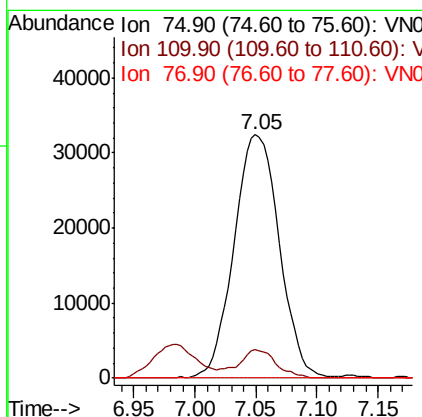
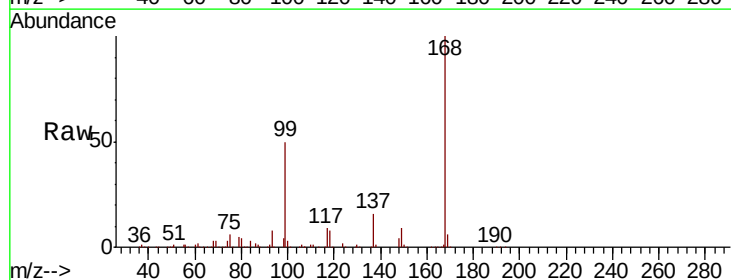
Instrument :
 MSVOA_N
 ClientSampled :
 1S-P-(0)

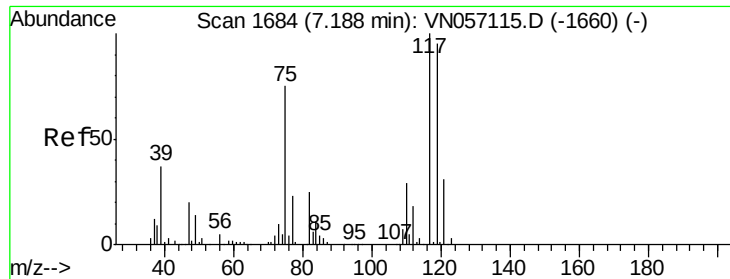
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.3	121.9
192	23.7	19.0	28.4



#36
 1,1-Dichloropropene
 Concen: 5.311 ug/l
 RT: 7.05 min Scan# 1641
 Delta R.T. -0.15 min
 Lab File: VN057187.D
 Acq: 11 Aug 2019 15:03

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.7	18.7	56.1#
77	0.0	25.0	37.4#

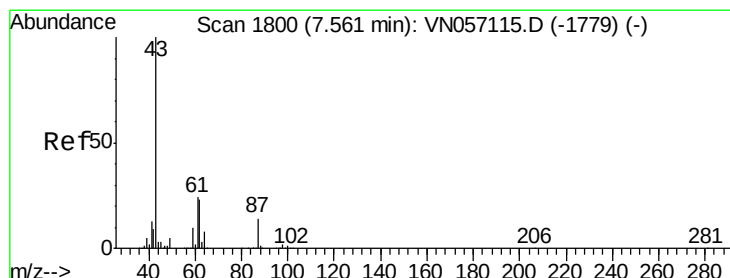
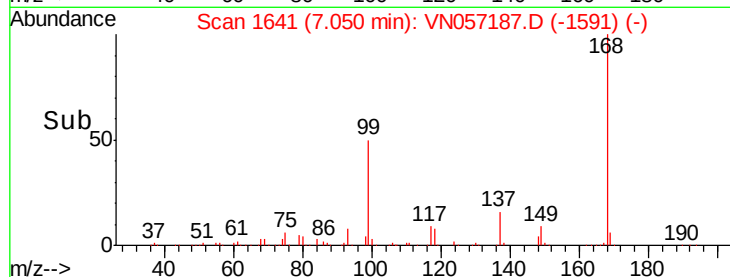
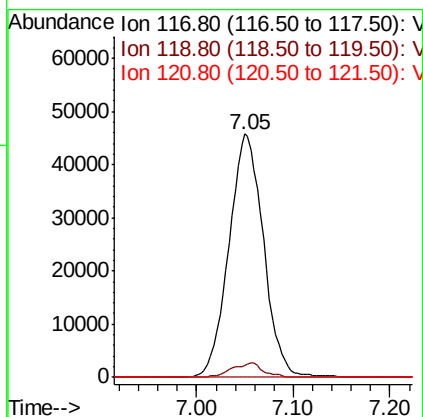
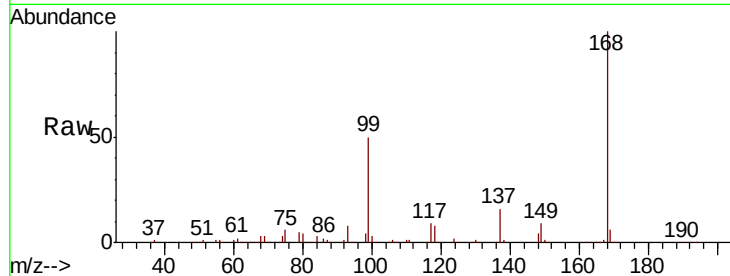




#38
Carbon Tetrachloride
Concen: 6.928 ug/l
RT: 7.05 min Scan# 1641
Delta R.T. -0.14 min
Lab File: VN057187.D
Acq: 11 Aug 2019 15:03

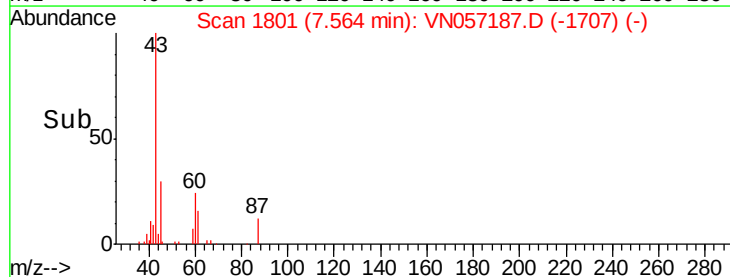
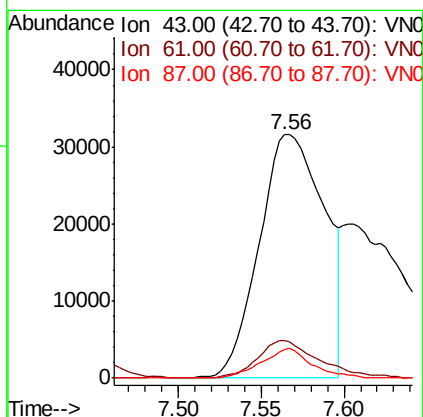
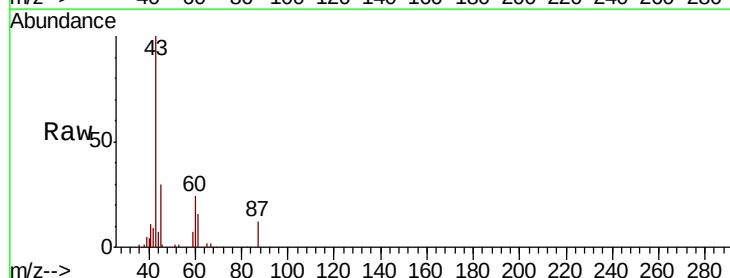
Instrument :
MSVOA_N
ClientSampled :
1S-P-(0)

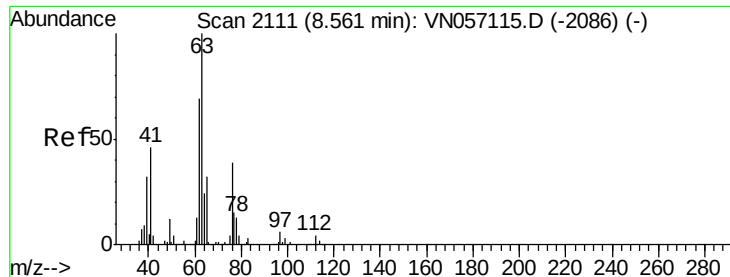
Tgt Ion:117 Resp: 113540
Ion Ratio Lower Upper
117 100
119 4.9 75.8 113.6#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 3.920 ug/l
RT: 7.56 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN057187.D
Acq: 11 Aug 2019 15:03

Tgt Ion: 43 Resp: 86715
Ion Ratio Lower Upper
43 100
61 14.5 24.2 36.2#
87 9.3 11.8 17.8#

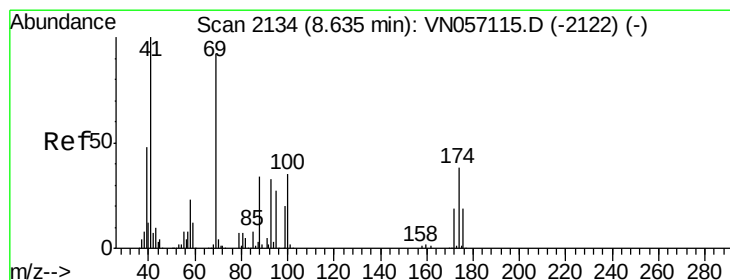
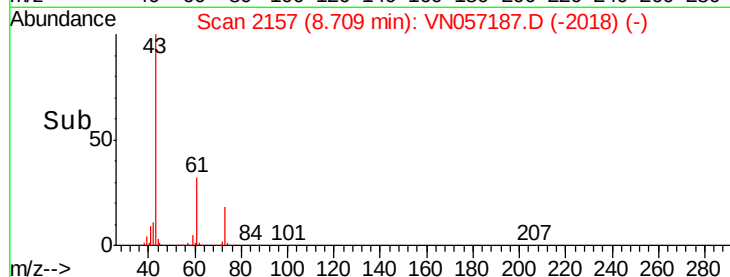
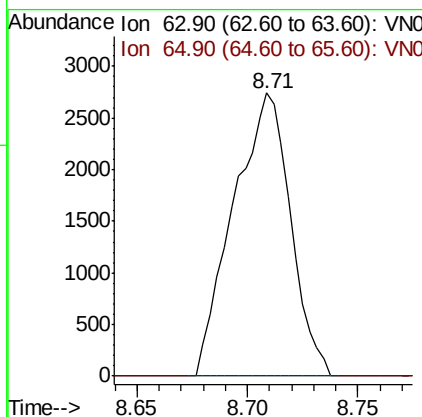
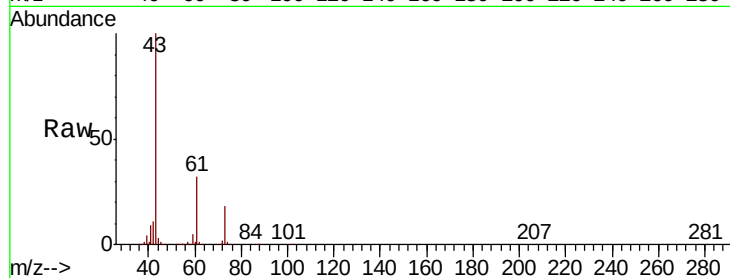




#45
 1,2-Dichloropropane
 Concen: 0.381 ug/l
 RT: 8.71 min Scan# 2157
 Delta R.T. 0.15 min
 Lab File: VN057187.D
 Acq: 11 Aug 2019 15:03

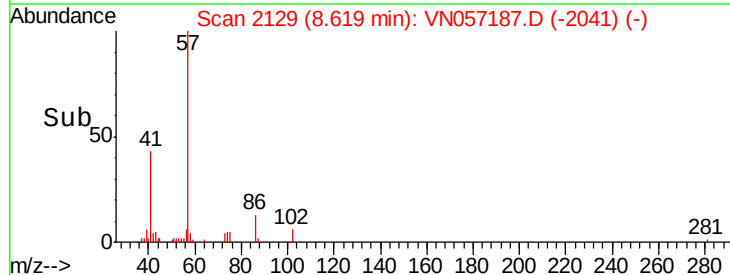
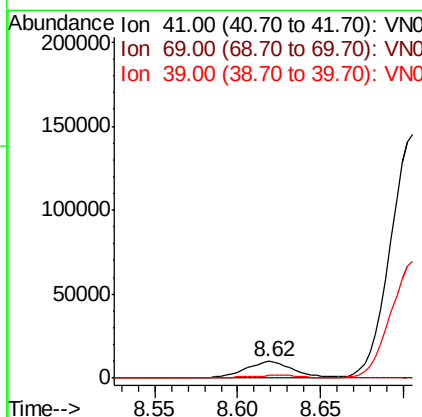
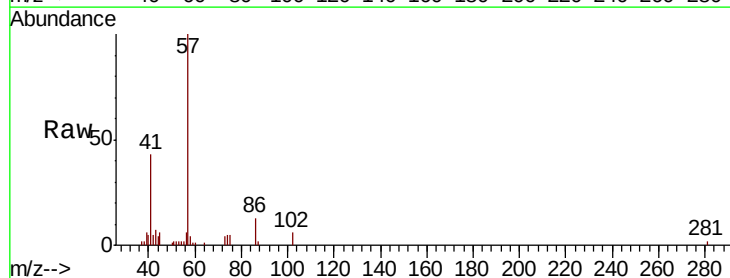
Instrument :
 MSVOA_N
 ClientSampled :
 1S-P-(0)

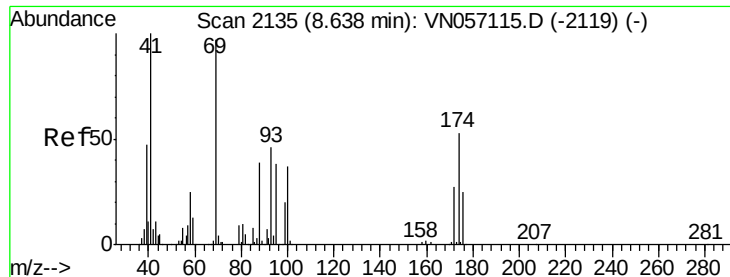
Tgt Ion: 63 Resp: 4910
 Ion Ratio Lower Upper
 63 100
 65 0.0 25.2 37.8#



#48
 Methyl methacrylate
 Concen: 1.938 ug/l
 RT: 8.62 min Scan# 2129
 Delta R.T. -0.02 min
 Lab File: VN057187.D
 Acq: 11 Aug 2019 15:03

Tgt Ion: 41 Resp: 20218
 Ion Ratio Lower Upper
 41 100
 69 0.0 77.5 116.3#
 39 0.0 39.8 59.6#

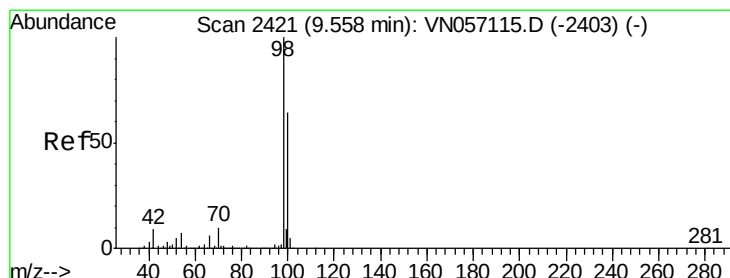
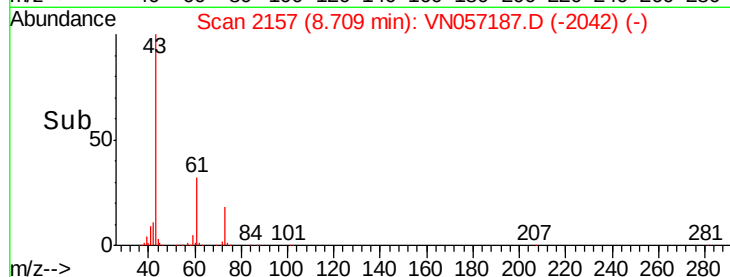
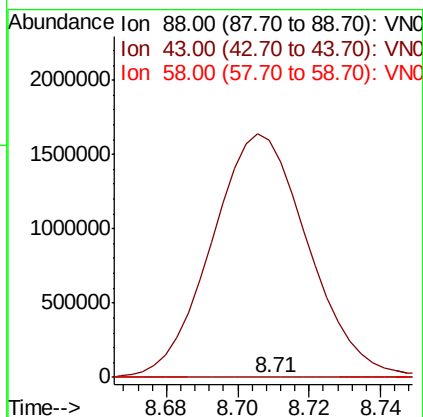
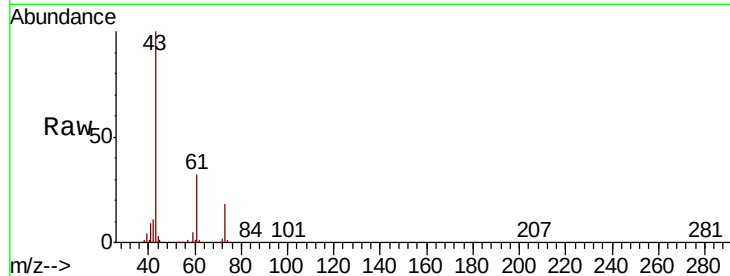




#49
 1,4-Dioxane
 Concen: 2.829 ug/l
 RT: 8.71 min Scan# 2157
 Delta R.T. 0.07 min
 Lab File: VN057187.D
 Acq: 11 Aug 2019 15:03

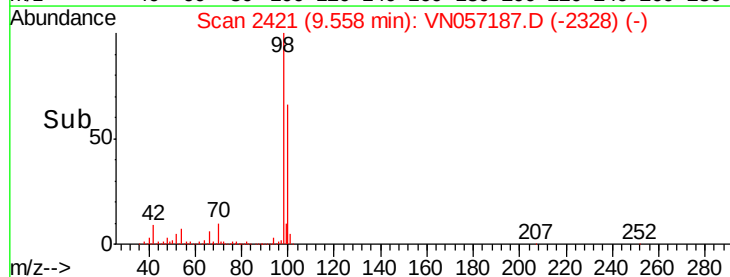
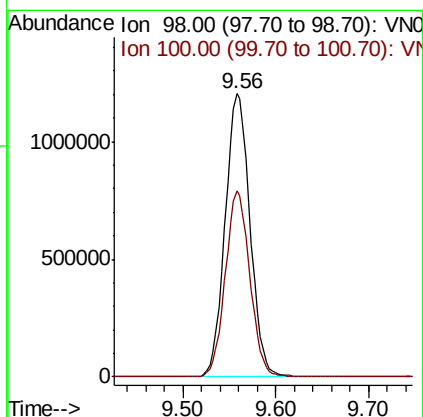
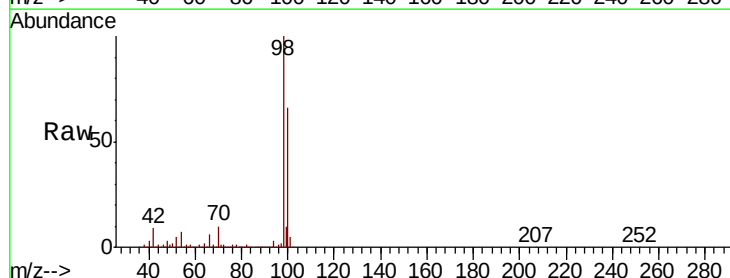
Instrument :
 MSVOA_N
 ClientSampleId :
 1S-P-(0)

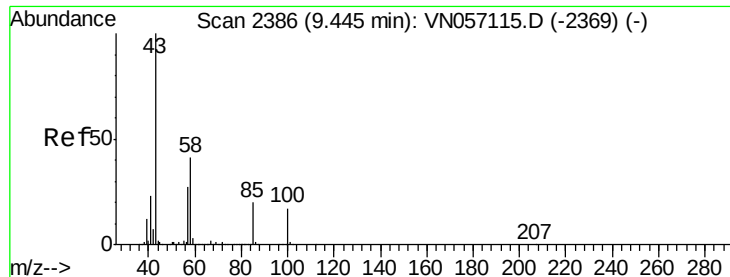
Tgt Ion: 88 Resp: 601
 Ion Ratio Lower Upper
 88 100
 43 517610.3 21.7 32.5#
 58 2361.9 51.1 76.7#



#50
 Toluene-d8
 Concen: 48.797 ug/l
 RT: 9.56 min Scan# 2421
 Delta R.T. -0.00 min
 Lab File: VN057187.D
 Acq: 11 Aug 2019 15:03

Tgt Ion: 98 Resp: 2237452
 Ion Ratio Lower Upper
 98 100
 100 64.8 51.2 76.8

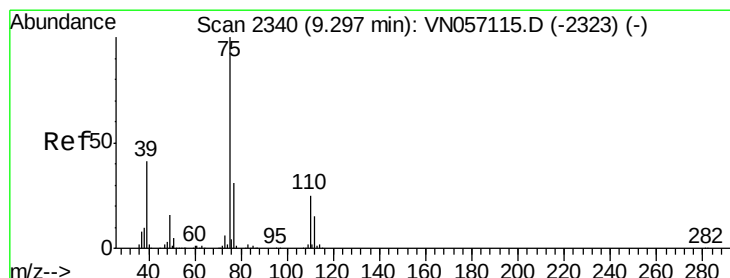
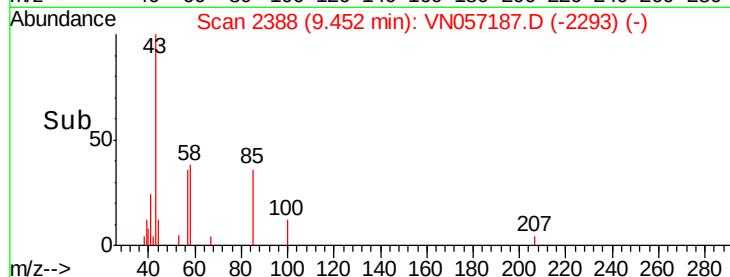
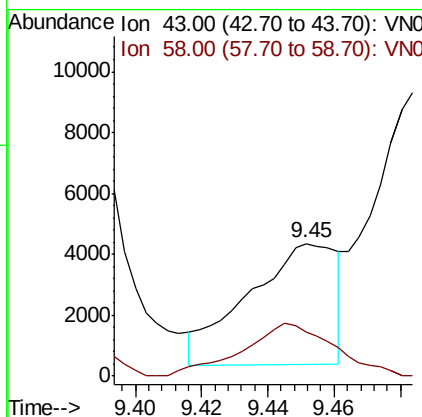
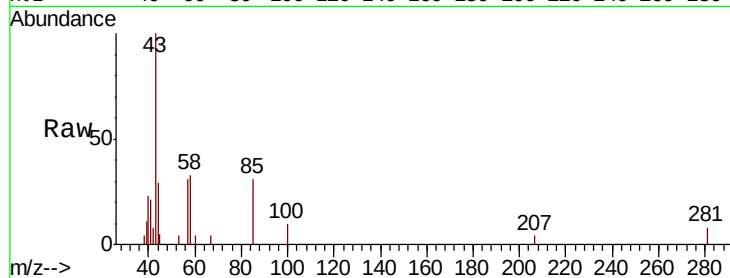




#51
 4-Methyl-2-Pentanone
 Concen: 0.575 ug/l
 RT: 9.45 min Scan# 2388
 Delta R.T. 0.01 min
 Lab File: VN057187.D
 Acq: 11 Aug 2019 15:03

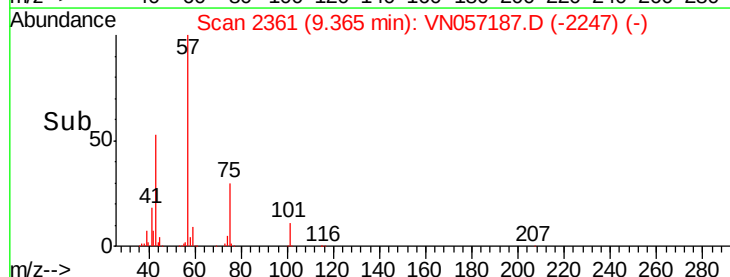
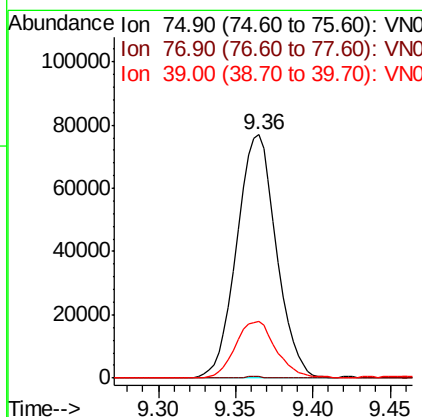
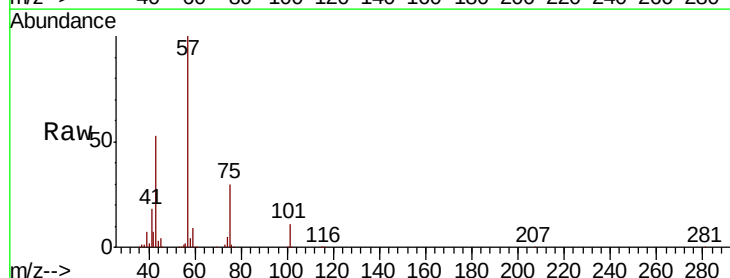
Instrument :
 MSVOA_N
 ClientSampled :
 1S-P-(0)

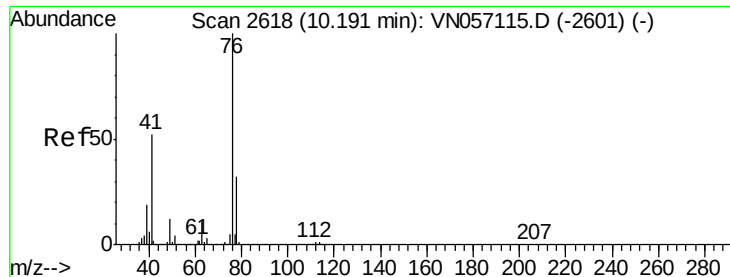
Tgt Ion: 43 Resp: 7404
 Ion Ratio Lower Upper
 43 100
 58 44.9 33.2 49.8



#54
 cis-1,3-Dichloropropene
 Concen: 7.140 ug/l
 RT: 9.36 min Scan# 2361
 Delta R.T. 0.07 min
 Lab File: VN057187.D
 Acq: 11 Aug 2019 15:03

Tgt Ion: 75 Resp: 136865
 Ion Ratio Lower Upper
 75 100
 77 0.5 25.1 37.7#
 39 23.1 32.5 48.7#





#57

1,3-Dichloropropane

Concen: 1.352 ug/l

RT: 10.25 min Scan# 2636

Delta R.T. 0.06 min

Lab File: VN057187.D

Acq: 11 Aug 2019 15:03

Instrument :

MSVOA_N

ClientSampleId :

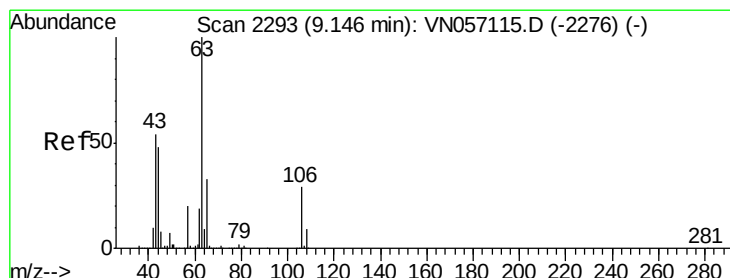
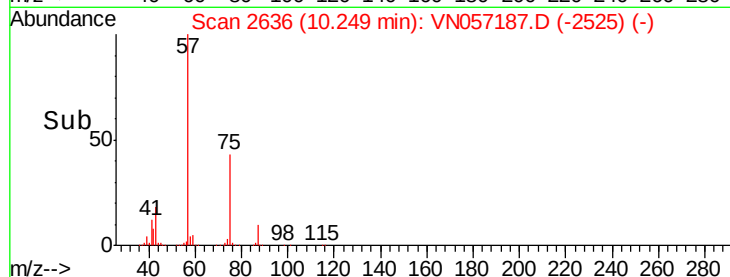
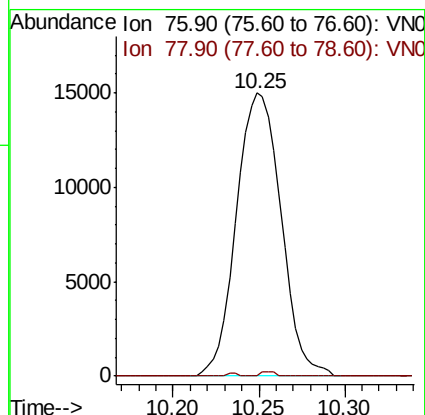
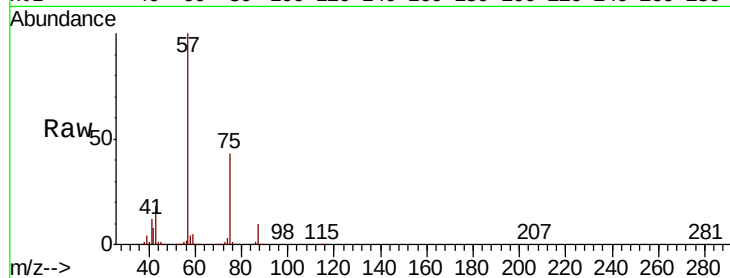
1S-P-(0)

Tgt Ion: 76 Resp: 27084

Ion Ratio Lower Upper

76 100

78 0.5 25.9 38.9#



#58

2-Chloroethyl Vinyl ether

Concen: 13.120 ug/l

RT: 9.38 min Scan# 2366

Delta R.T. 0.23 min

Lab File: VN057187.D

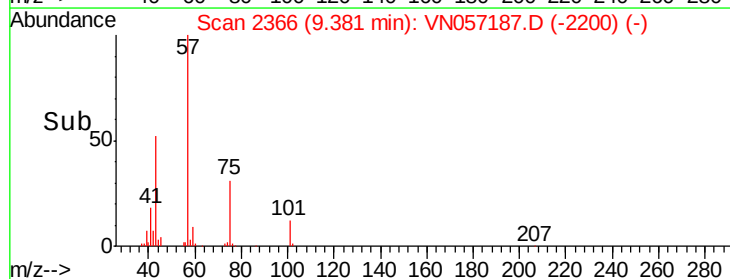
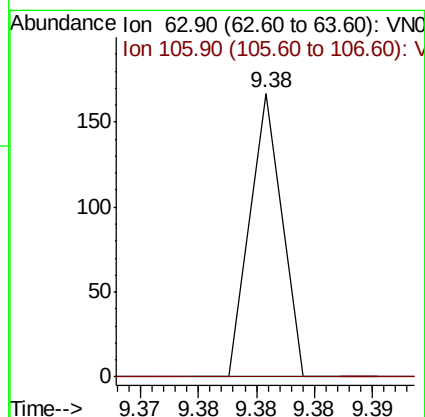
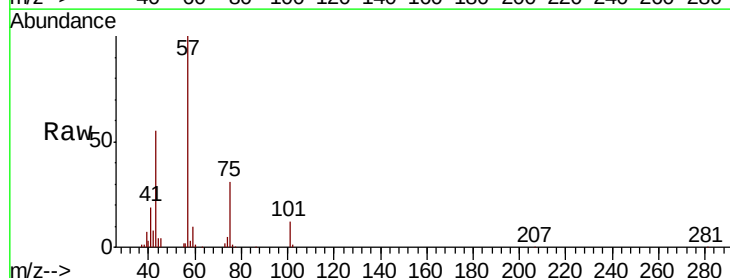
Acq: 11 Aug 2019 15:03

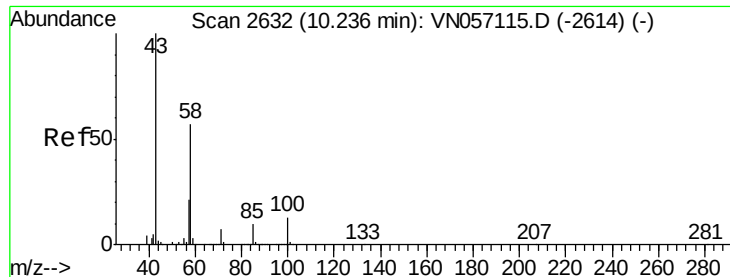
Tgt Ion: 63 Resp: 32

Ion Ratio Lower Upper

63 100

106 0.0 22.6 33.8#





#59

2-Hexanone

Concen: 39.469 ug/l

RT: 10.25 min Scan# 2636

Delta R.T. 0.01 min

Lab File: VN057187.D

Acq: 11 Aug 2019 15:03

Instrument :

MSVOA_N

ClientSampleId :

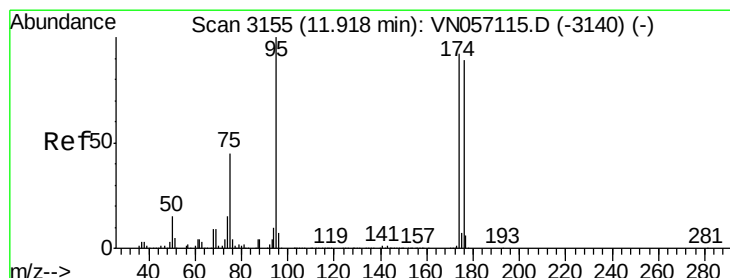
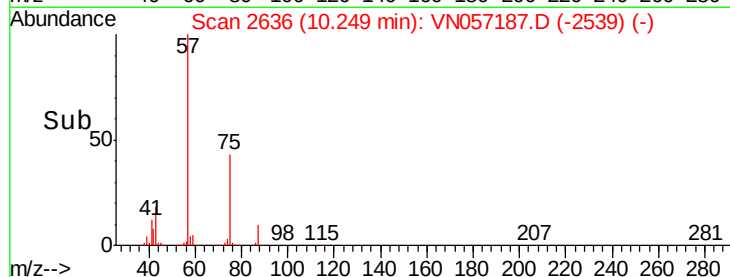
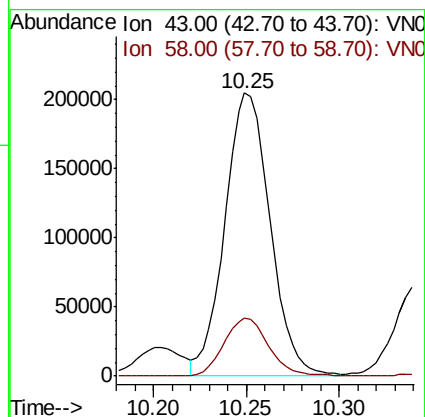
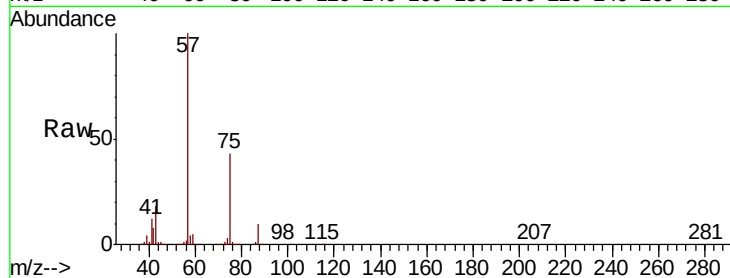
1S-P-(0)

Tgt Ion: 43 Resp: 343912

Ion Ratio Lower Upper

43 100

58 20.6 29.2 87.6#



#62

4-Bromofluorobenzene

Concen: 39.730 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. 0.00 min

Lab File: VN057187.D

Acq: 11 Aug 2019 15:03

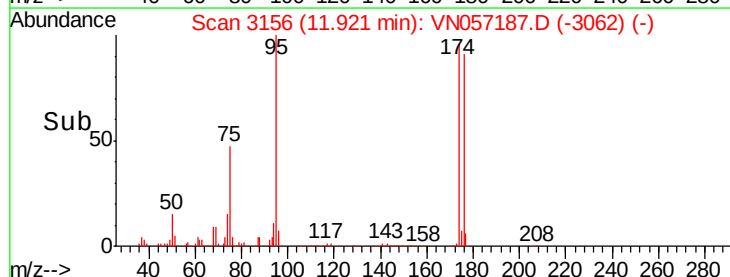
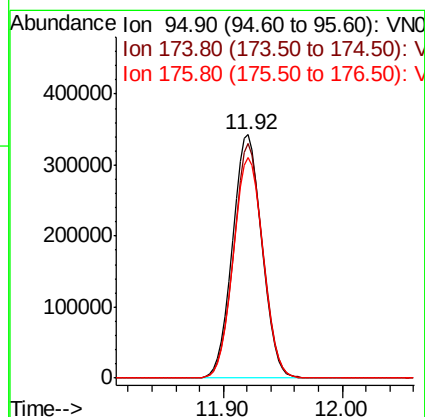
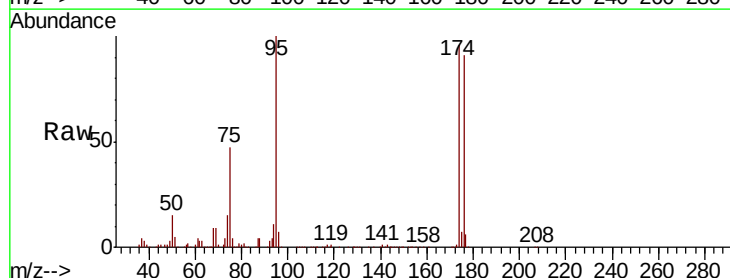
Tgt Ion: 95 Resp: 586974

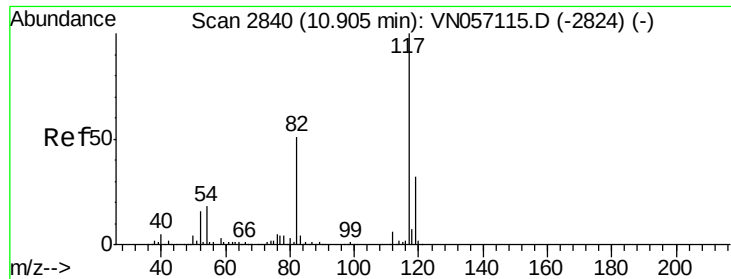
Ion Ratio Lower Upper

95 100

174 95.0 0.0 185.0

176 92.1 0.0 181.2

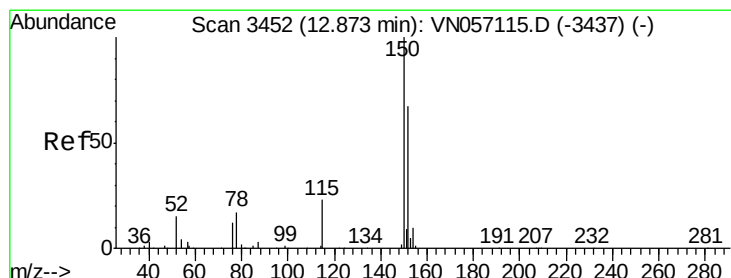
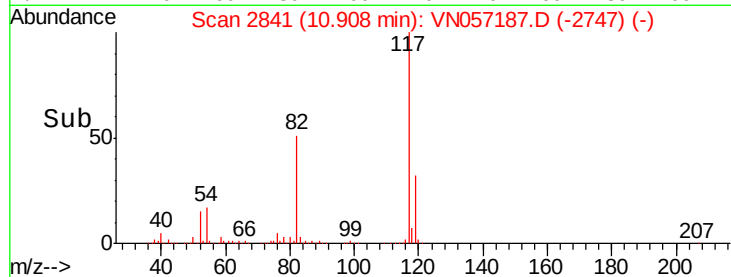
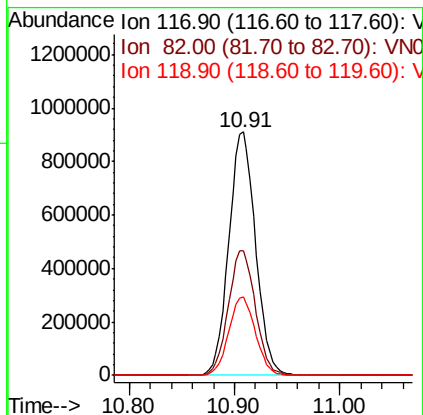
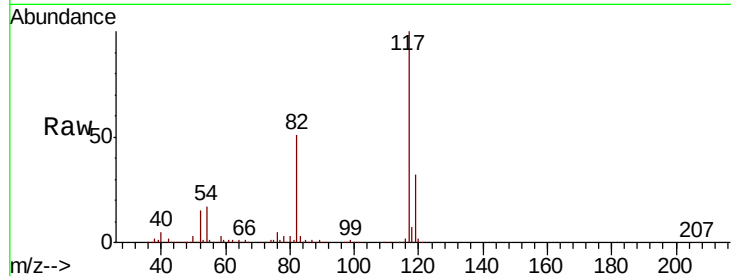




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.91 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VN057187.D
 Acq: 11 Aug 2019 15:03

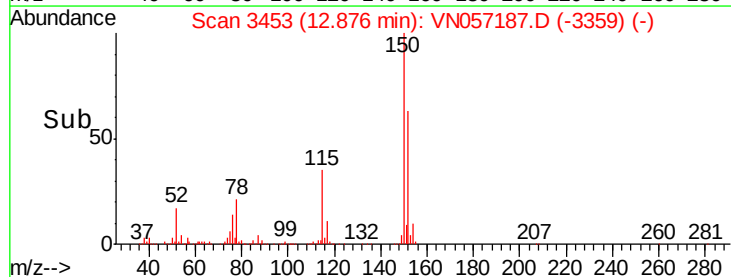
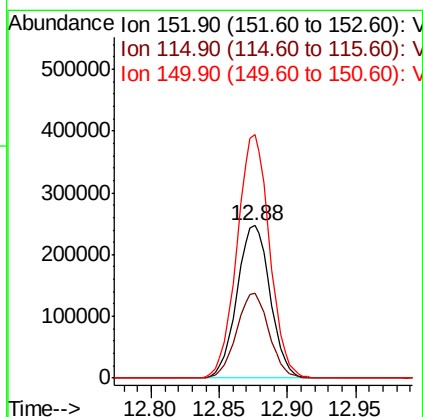
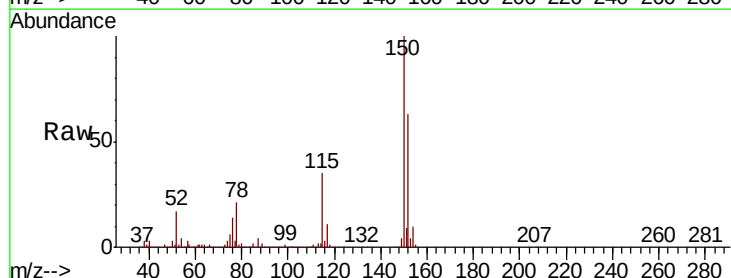
Instrument :
 MSVOA_N
 ClientSampleId :
 1S-P-(0)

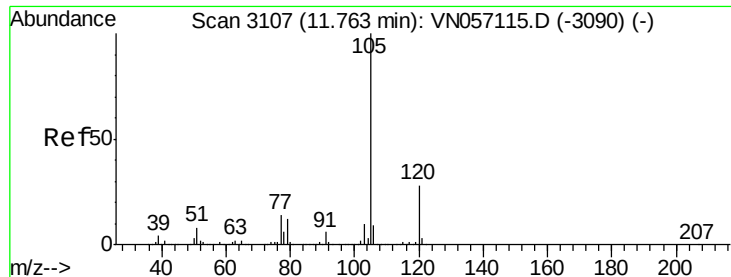
Tgt Ion:117 Resp: 1590227
 Ion Ratio Lower Upper
 117 100
 82 51.2 40.8 61.2
 119 32.0 25.7 38.5



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.88 min Scan# 3453
 Delta R.T. 0.00 min
 Lab File: VN057187.D
 Acq: 11 Aug 2019 15:03

Tgt Ion:152 Resp: 416300
 Ion Ratio Lower Upper
 152 100
 115 54.8 27.5 82.5
 150 156.9 0.0 341.6





#73

Isopropylbenzene

Concen: Below Cal

RT: 11.76 min Scan# 3107

Delta R.T. 0.00 min

Lab File: VN057187.D

Acq: 11 Aug 2019 15:03

Instrument :

MSVOA_N

ClientSampleId :

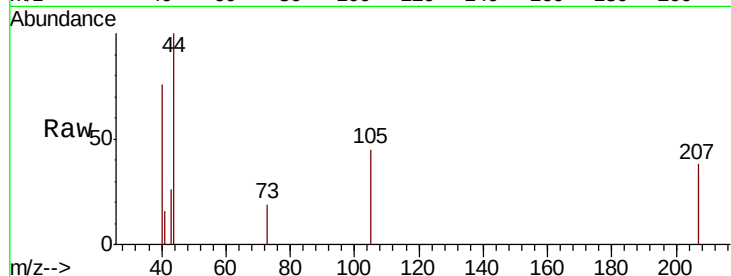
1S-P-(0)

Tgt Ion: 105 Resp: 349

Ion Ratio Lower Upper

105 100

120 0.0 13.7 41.0#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.76

400

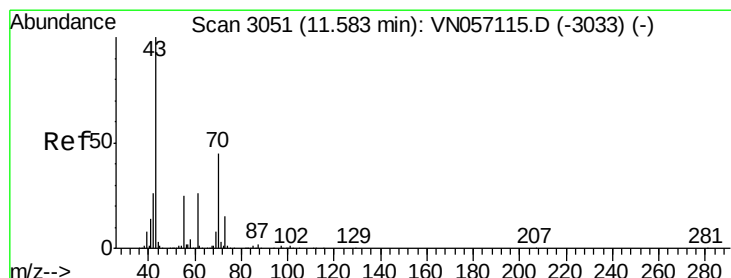
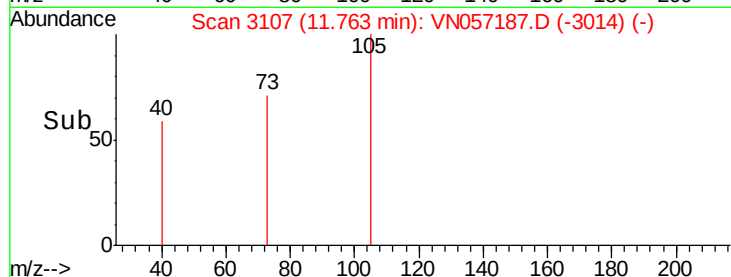
300

200

100

0

Time--> 11.74 11.76 11.78



#74

N-ethyl acetate

Concen: 2.489 ug/l

RT: 11.39 min Scan# 2991

Delta R.T. -0.19 min

Lab File: VN057187.D

Acq: 11 Aug 2019 15:03

Tgt Ion: 43 Resp: 26259

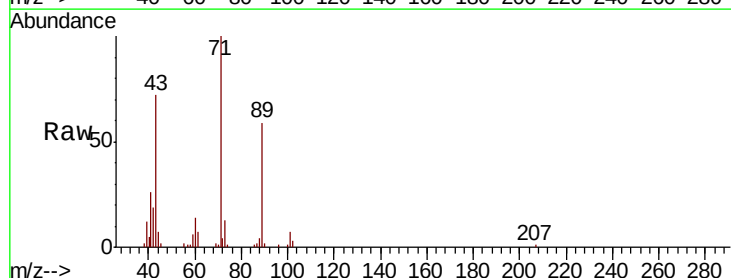
Ion Ratio Lower Upper

43 100

70 2.6 36.8 55.2#

55 4.5 20.6 31.0#

61 11.9 21.0 31.4#



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

11.39

25000

20000

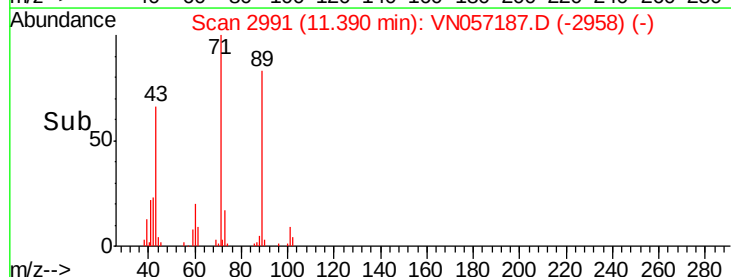
15000

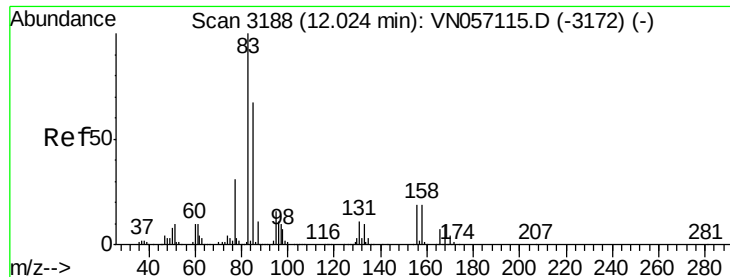
10000

5000

0

Time--> 11.35 11.40 11.45





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 11.92 min Scan# 3156

Delta R.T. -0.10 min

Lab File: VN057187.D

Acq: 11 Aug 2019 15:03

Instrument :

MSVOA_N

ClientSampleId :

1S-P-(0)

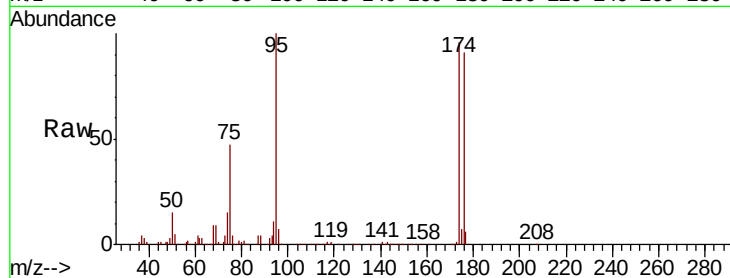
Tgt Ion: 83 Resp: 106

Ion Ratio Lower Upper

83 100

131 845.3 5.5 16.4#

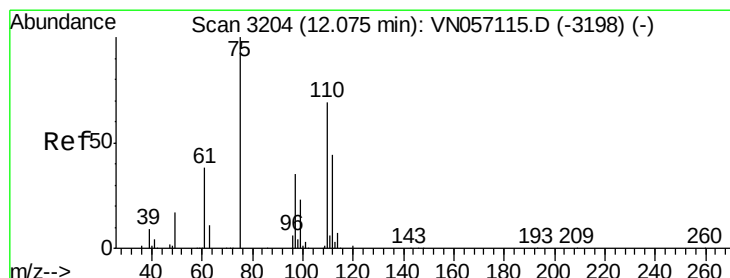
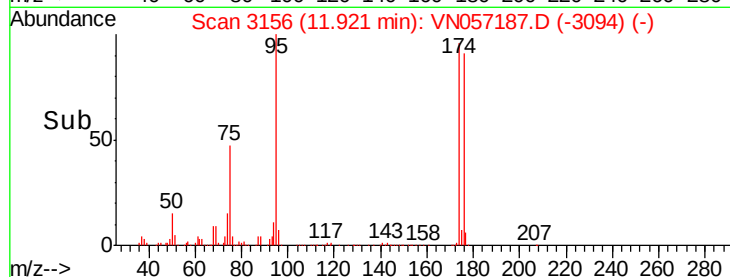
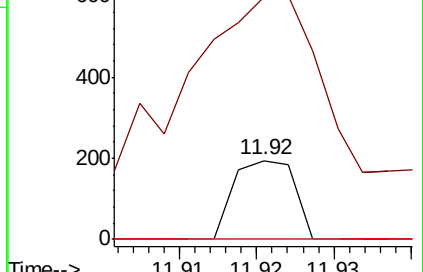
85 0.0 32.4 97.0#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 32.772 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. -0.15 min

Lab File: VN057187.D

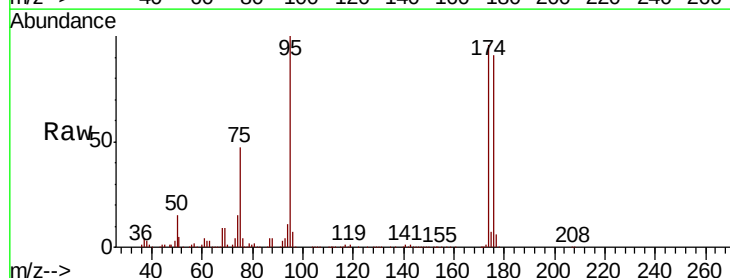
Acq: 11 Aug 2019 15:03

Tgt Ion: 75 Resp: 274583

Ion Ratio Lower Upper

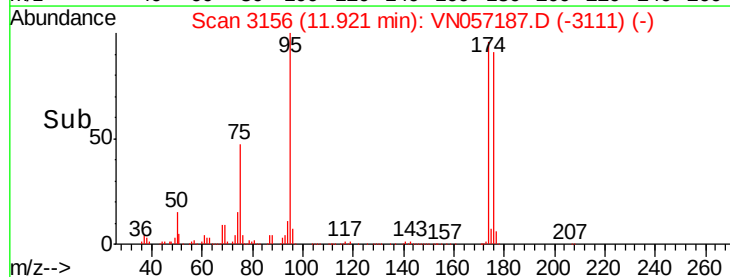
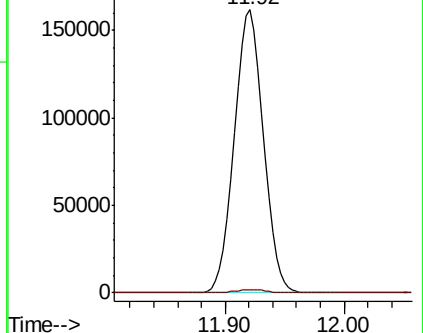
75 100

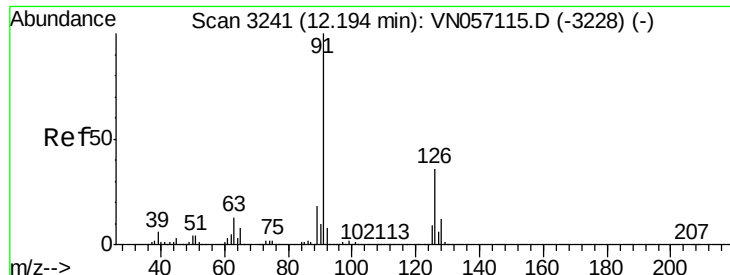
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.19 min Scan# 3240

Delta R.T. -0.00 min

Lab File: VN057187.D

Acq: 11 Aug 2019 15:03

Instrument :

MSVOA_N

ClientSampleId :

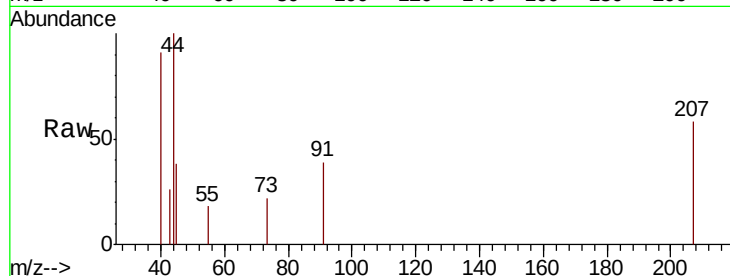
1S-P-(0)

Tgt Ion: 91 Resp: 268

Ion Ratio Lower Upper

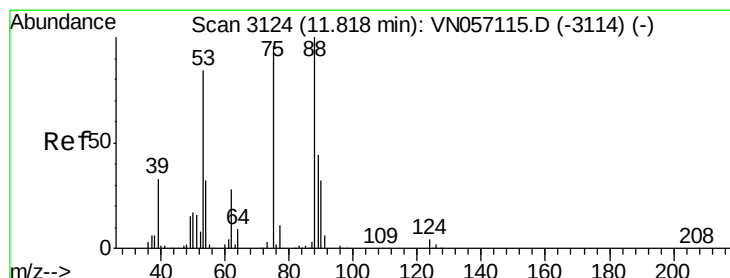
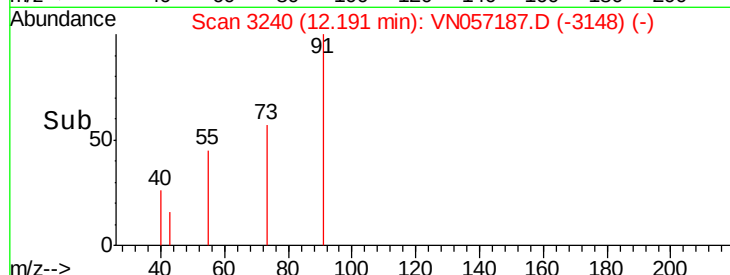
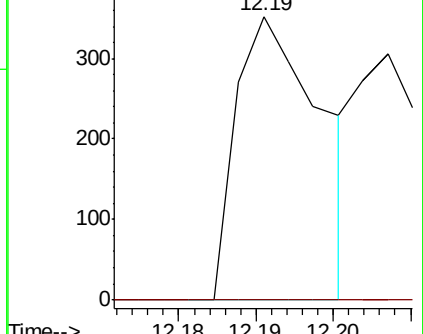
91 100

126 0.0 18.1 54.3#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V



#81

trans-1,4-Dichloro-2-butene

Concen: 96.981 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. 0.10 min

Lab File: VN057187.D

Acq: 11 Aug 2019 15:03

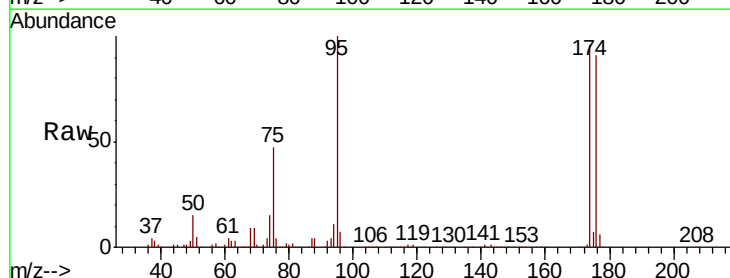
Tgt Ion: 75 Resp: 274583

Ion Ratio Lower Upper

75 100

53 0.0 70.6 106.0#

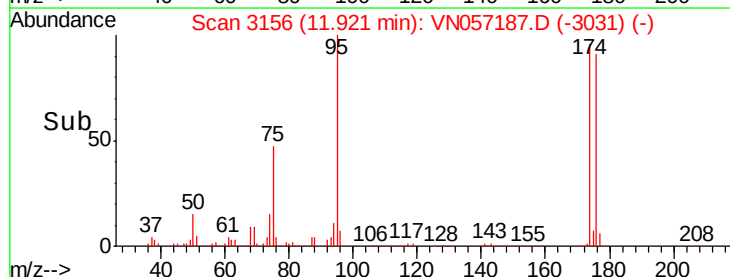
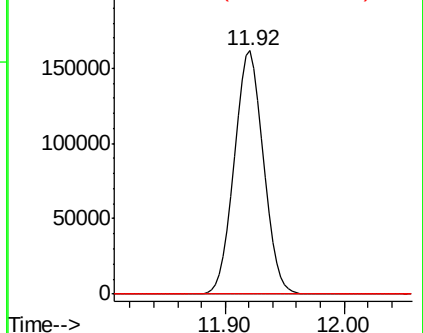
89 0.0 36.4 54.6#

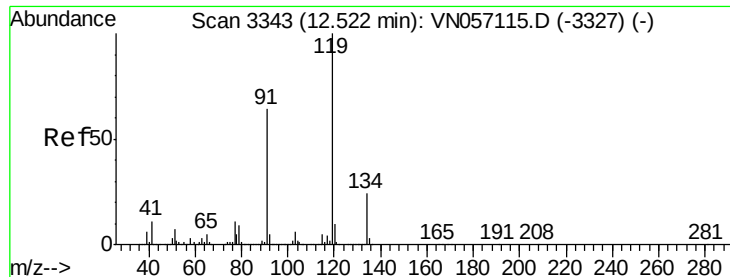


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0





#83

tert-Butylbenzene

Concen: Below Cal

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN057187.D

Acq: 11 Aug 2019 15:03

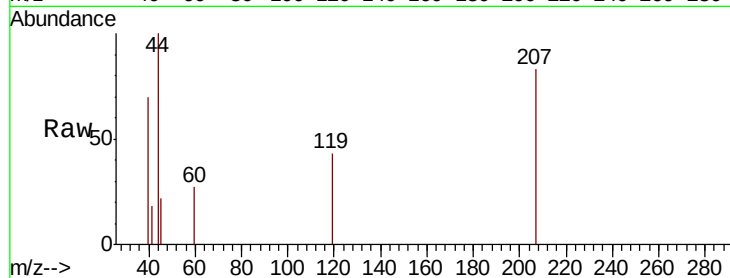
Instrument :

MSVOA_N

ClientSampled :

1S-P-(0)

Tgt Ion:	119	Resp:	329
Ion	Ratio	Lower	Upper
119	100		
91	0.0	31.4	94.2#
134	0.0	13.2	39.6#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V

12.53

400

300

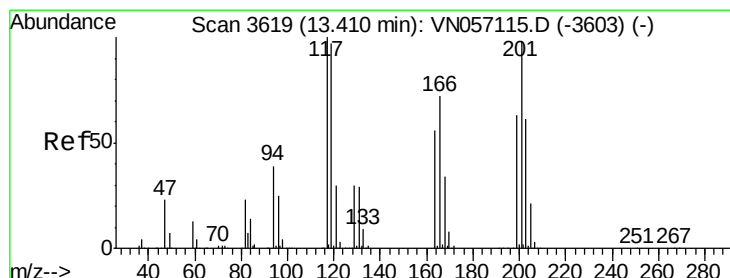
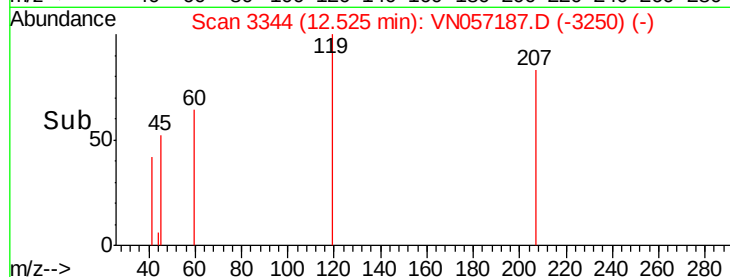
200

100

0

12.50 12.52 12.54

Time-->



#90

Hexachloroethane

Concen: Below Cal

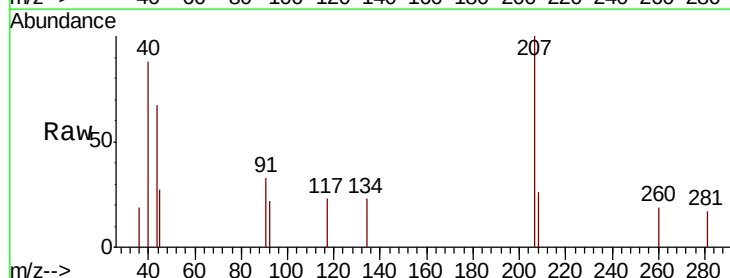
RT: 13.14 min Scan# 3536

Delta R.T. -0.27 min

Lab File: VN057187.D

Acq: 11 Aug 2019 15:03

Tgt Ion:	117	Resp:	111
Ion	Ratio	Lower	Upper
117	100		
201	0.0	49.3	147.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

250

200

150

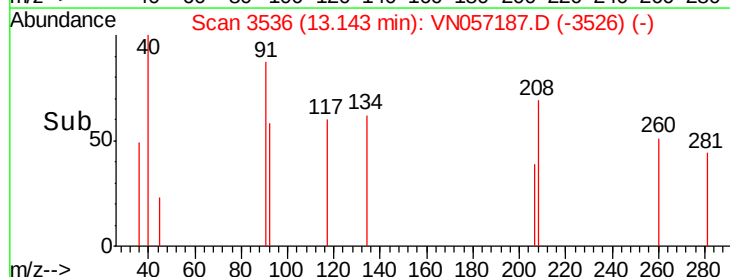
100

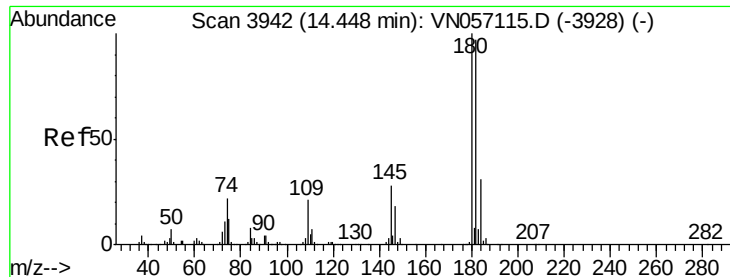
50

0

13.13 13.14 13.15

Time-->

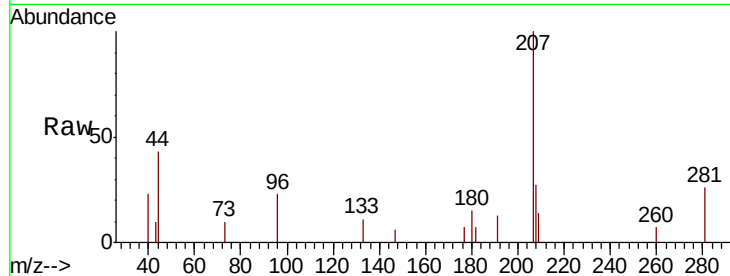




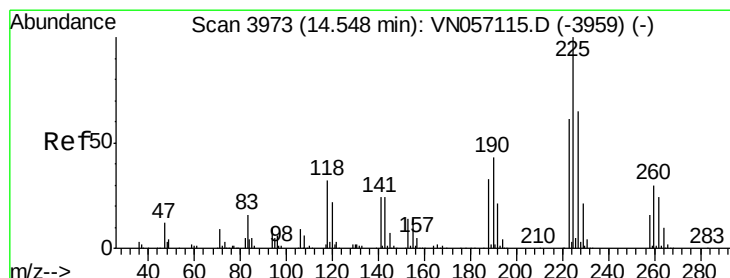
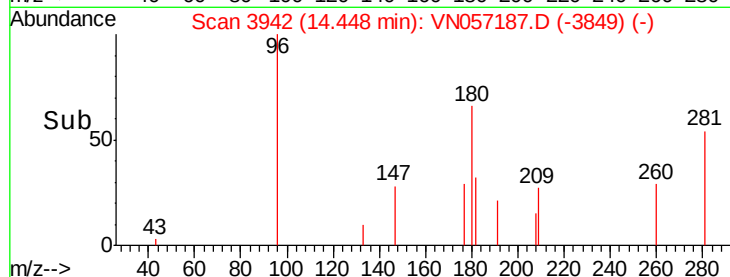
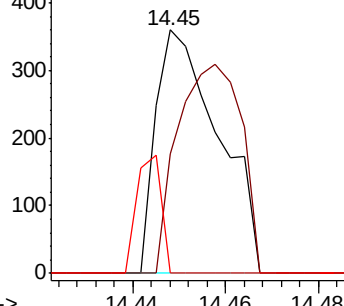
#93
 1,2,4-Trichlorobenzene
 Concen: 5.980 ug/l
 RT: 14.45 min Scan# 3942
 Delta R.T. 0.00 min
 Lab File: VN057187.D
 Acq: 11 Aug 2019 15:03

Instrument :
 MSVOA_N
 ClientSampled :
 1S-P-(0)

Tgt Ion:180 Resp: 339
 Ion Ratio Lower Upper
 180 100
 182 87.3 47.5 142.6
 145 18.9 14.1 42.2

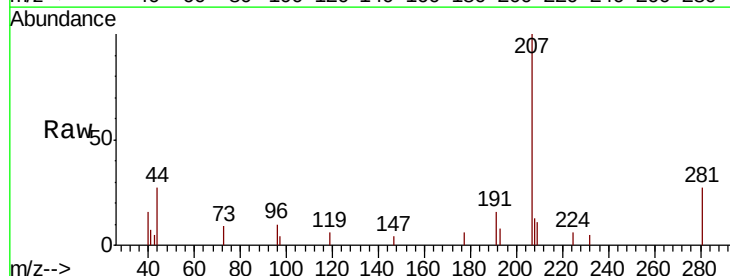


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

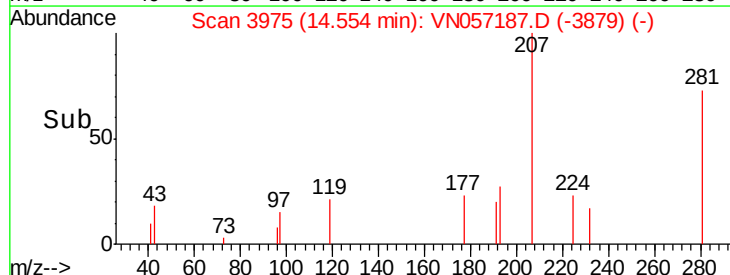
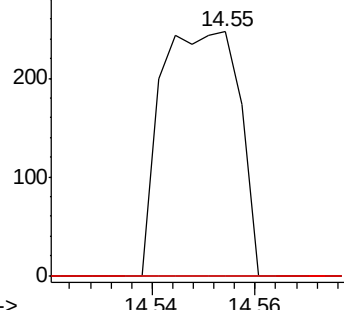


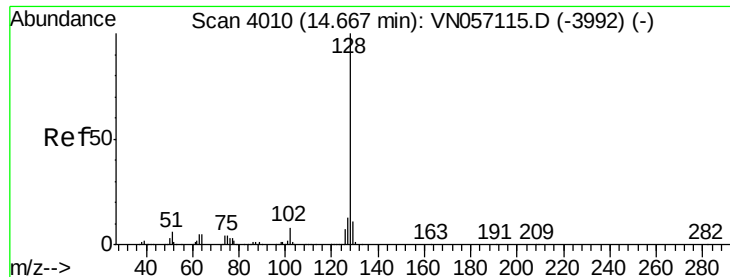
#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 14.55 min Scan# 3975
 Delta R.T. 0.01 min
 Lab File: VN057187.D
 Acq: 11 Aug 2019 15:03

Tgt Ion:225 Resp: 259
 Ion Ratio Lower Upper
 225 100
 223 0.0 30.9 92.8#
 227 0.0 32.4 97.0#



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

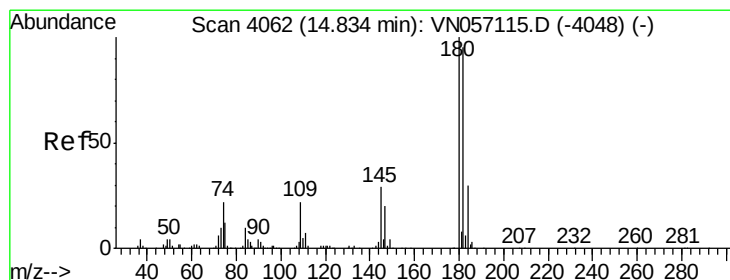
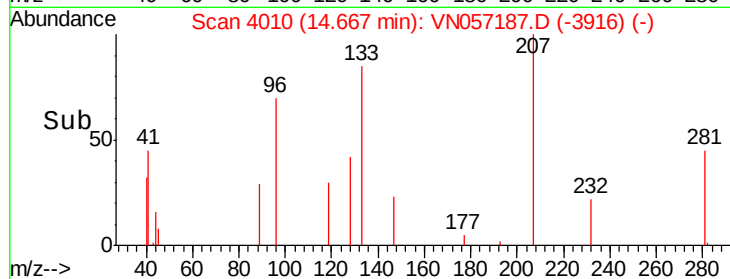
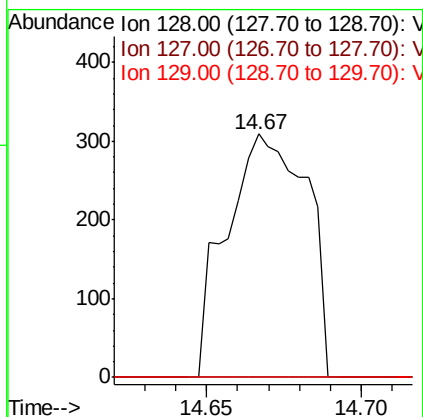
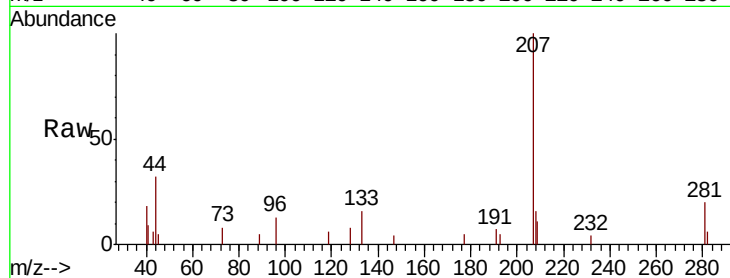




#95
Naphthalene
Concen: 2.854 ug/l
RT: 14.67 min Scan# 4010
Delta R.T. 0.00 min
Lab File: VN057187.D
Acq: 11 Aug 2019 15:03

Instrument :
MSVOA_N
ClientSampled :
1S-P-(0)

Tgt Ion:128 Resp: 559
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 5.775 ug/l
RT: 14.83 min Scan# 4061
Delta R.T. -0.00 min
Lab File: VN057187.D
Acq: 11 Aug 2019 15:03

Tgt Ion:180 Resp: 383
Ion Ratio Lower Upper
180 100
182 118.0 48.3 144.8
145 0.0 14.9 44.5#

