

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN083119\
 Data File : VN057593.D
 Acq On : 30 Aug 2019 17:30
 Operator : JC/SP
 Sample : K4562-09
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-02-30-32

Quant Time: Aug 31 00:48:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 11:59:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	599084	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	945304	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	816843	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	221300	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	370003	37.73	ug/l	0.00
Spiked Amount			Recovery	=	75.46%	
35) Dibromofluoromethane	7.58	113	291243	34.47	ug/l	0.00
Spiked Amount			Recovery	=	68.94%	
50) Toluene-d8	10.08	98	1144087	38.28	ug/l	0.00
Spiked Amount			Recovery	=	76.56%	
62) 4-Bromofluorobenzene	12.40	95	311530	31.05	ug/l	0.00
Spiked Amount			Recovery	=	62.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	3.94	142	4276	0.217	ug/l #	61
13) Acrolein	3.60	56	1047	1.265	ug/l	90
16) Acetone	3.81	43	39912	10.070	ug/l #	89
17) Carbon Disulfide	4.02	76	5893	0.380	ug/l #	94
18) Methyl Acetate	4.33	43	6561	Below Cal	#	57
20) Methylene Chloride	4.54	84	8690	1.184	ug/l	85
25) 2-Butanone	6.83	43	1713	0.548	ug/l	94
29) Tetrahydrofuran	7.22	42	481	0.246	ug/l #	65
31) Cyclohexane	7.65	56	12677	1.113	ug/l #	13
36) 1,1-Dichloropropene	7.65	75	46043	4.503	ug/l #	52
38) Carbon Tetrachloride	7.65	117	57851	4.838	ug/l #	15
41) Methacrylonitrile	7.16	41	74	1.290	ug/l #	17
43) Isopropyl Acetate	8.16	43	93841	7.420	ug/l #	95
48) Methyl methacrylate	9.18	41	5328	0.892	ug/l #	15
49) 1,4-Dioxane	9.27	88	173	1.587	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	7024	1.039	ug/l	89
54) cis-1,3-Dichloropropene	9.90	75	45706	3.691	ug/l #	56
57) 1,3-Dichloropropane	10.76	76	6620	0.531	ug/l #	43
59) 2-Hexanone	10.76	43	92179	19.754	ug/l #	57
73) Isopropylbenzene	12.26	105	2138	Below Cal		97
74) N-amyl acetate	12.03	43	1288	Below Cal	#	52
75) 1,1,2,2-Tetrachloroethane	12.50	83	367	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	167614	40.554	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	167614	113.888	ug/l #	9
83) tert-Butylbenzene	12.99	119	2128	Below Cal		88
87) 1,3-Dichlorobenzene	13.29	146	2732	0.345	ug/l	79
88) 1,4-Dichlorobenzene	13.29	146	2732	0.359	ug/l	80
89) n-Butylbenzene	13.62	91	3814	0.288	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	2830	0.382	ug/l	80
93) 1,2,4-Trichlorobenzene	14.92	180	2979	4.680	ug/l	90
94) Hexachlorobutadiene	15.01	225	981	0.402	ug/l	83
95) Naphthalene	15.13	128	8009	1.094	ug/l	97
96) 1,2,3-Trichlorobenzene	15.30	180	2942	1.176	ug/l	84

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Response via : Initial Calibration

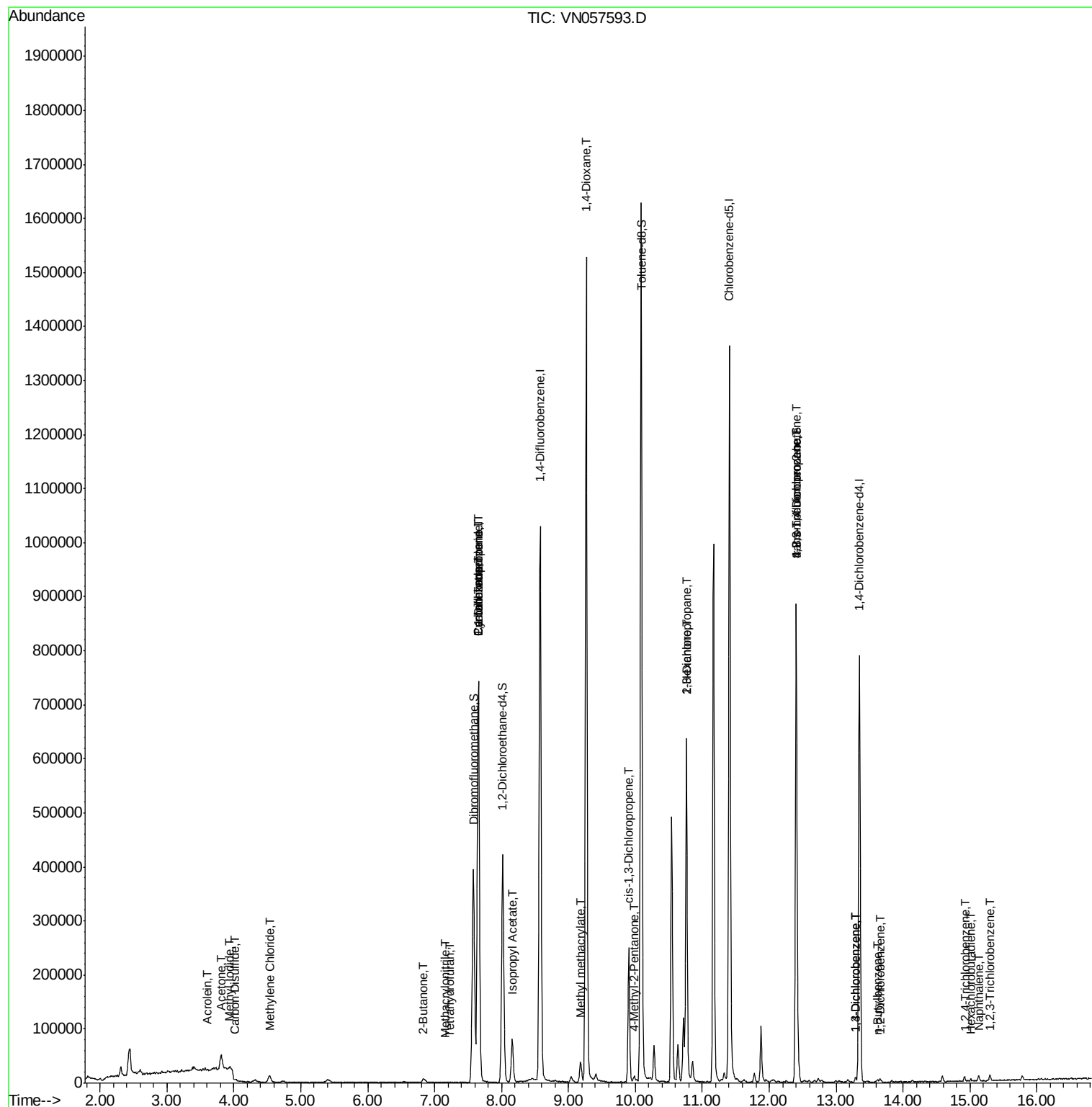
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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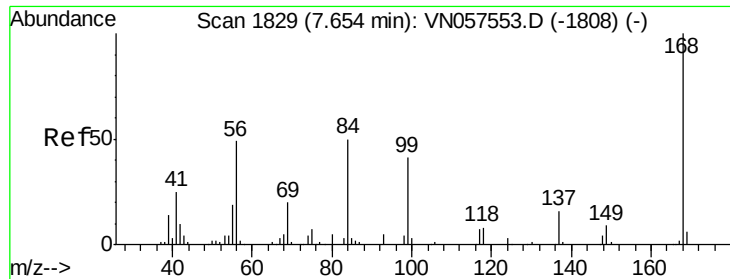
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN083119\
Data File : VN057593.D
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN057593.D

Acq: 30 Aug 2019 17:30

Instrument :

MSVOA_N

ClientSampleId :

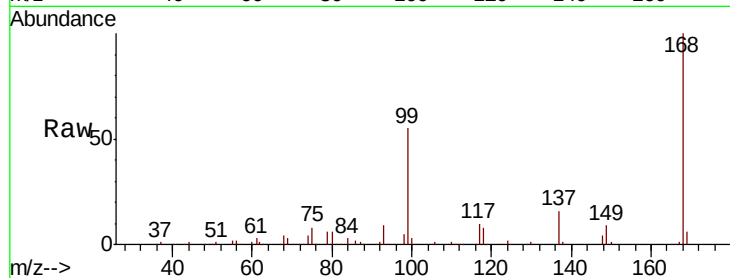
SB-02-30-32

Tgt Ion:168 Resp: 599084

Ion Ratio Lower Upper

168 100

99 54.9 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

250000

200000

150000

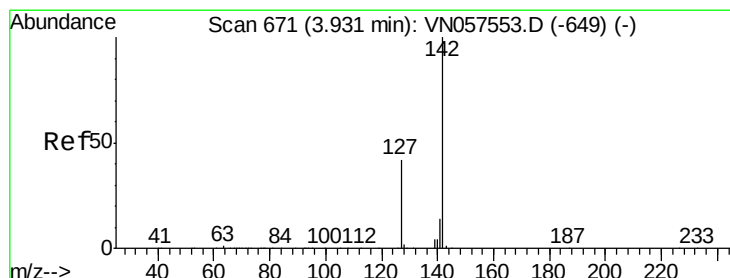
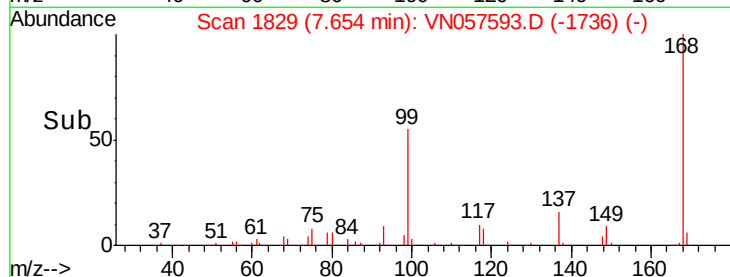
100000

50000

0

Time-->

7.60 7.70 7.80



#10

Methyl Iodide

Concen: 0.217 ug/l

RT: 3.94 min Scan# 675

Delta R.T. 0.01 min

Lab File: VN057593.D

Acq: 30 Aug 2019 17:30

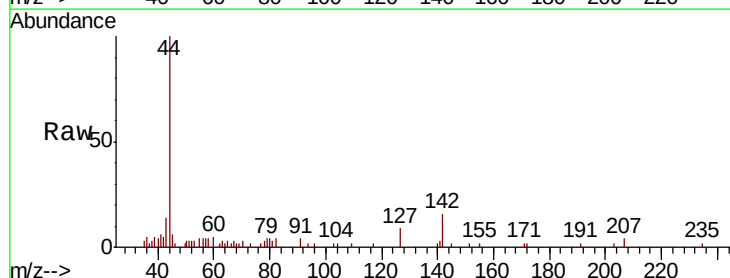
Tgt Ion:142 Resp: 4276

Ion Ratio Lower Upper

142 100

127 16.9 37.8 56.8#

141 7.4 11.9 17.9#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

2000

1500

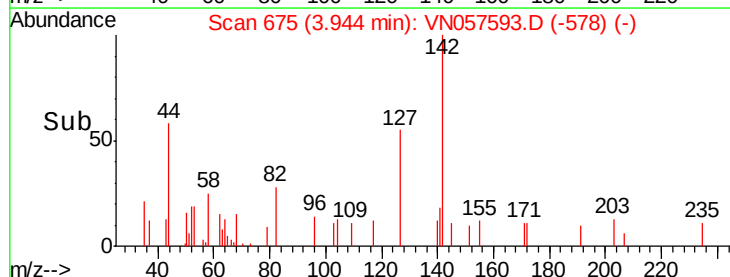
1000

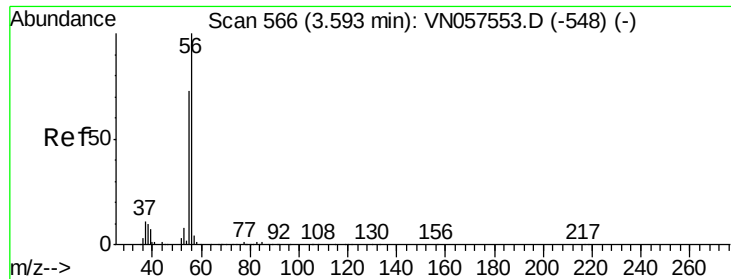
500

0

Time-->

3.85 3.90 3.95 4.00





#13

Acrolein

Concen: 1.265 ug/l

RT: 3.60 min Scan# 567

Delta R.T. 0.00 min

Lab File: VN057593.D

Acq: 30 Aug 2019 17:30

Instrument :

MSVOA_N

ClientSampled :

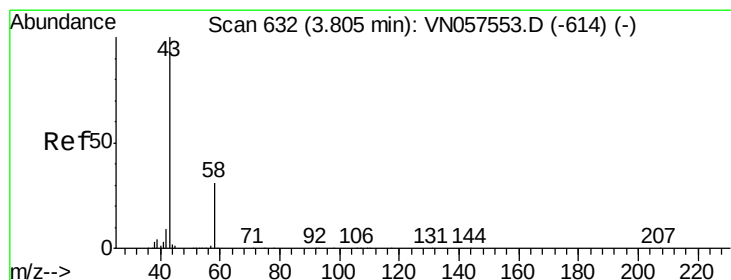
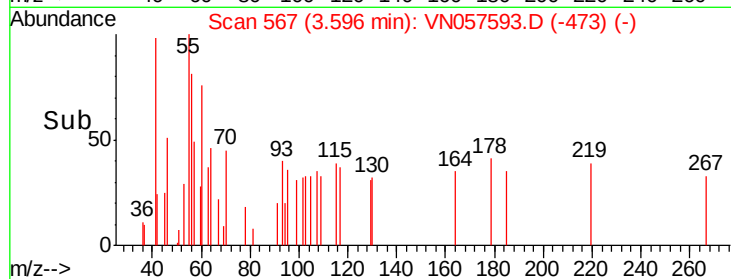
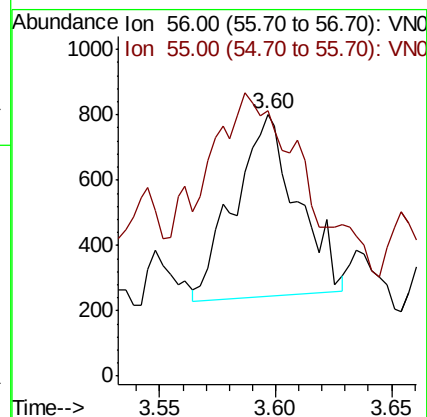
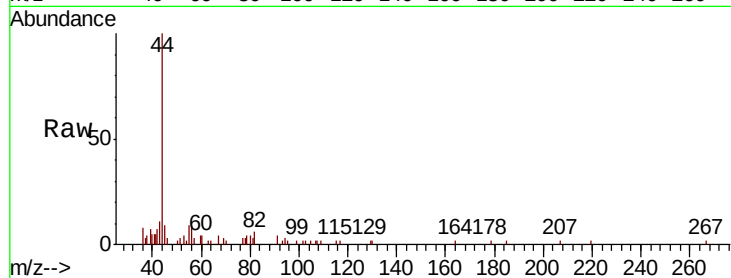
SB-02-30-32

Tgt Ion: 56 Resp: 1047

Ion Ratio Lower Upper

56 100

55 82.2 59.0 88.4



#16

Acetone

Concen: 10.070 ug/l

RT: 3.81 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN057593.D

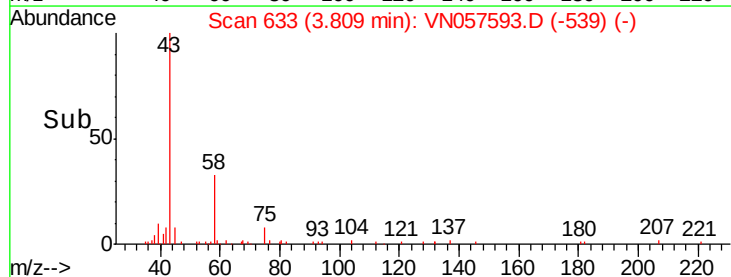
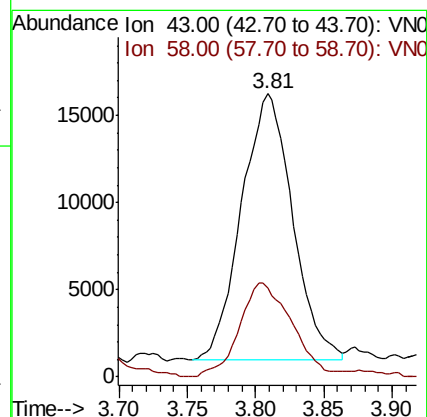
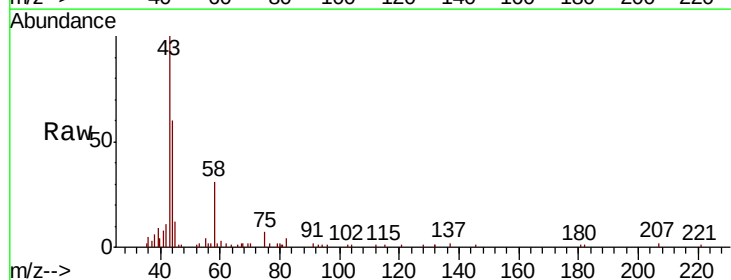
Acq: 30 Aug 2019 17:30

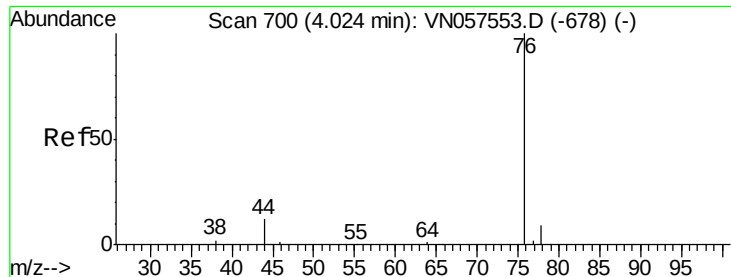
Tgt Ion: 43 Resp: 39912

Ion Ratio Lower Upper

43 100

58 33.2 22.1 33.1#





#17

Carbon Disulfide

Concen: 0.380 ug/l

RT: 4.02 min Scan# 698

Delta R.T. -0.01 min

Lab File: VN057593.D

Acq: 30 Aug 2019 17:30

Instrument :

MSVOA_N

ClientSampled :

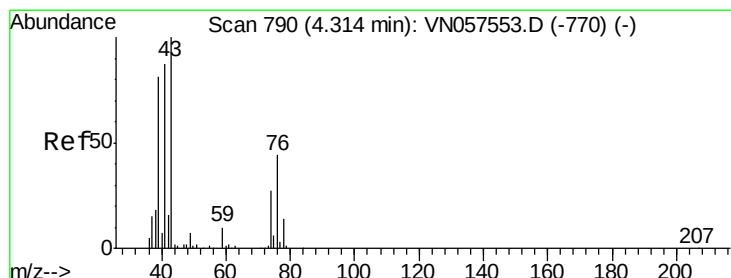
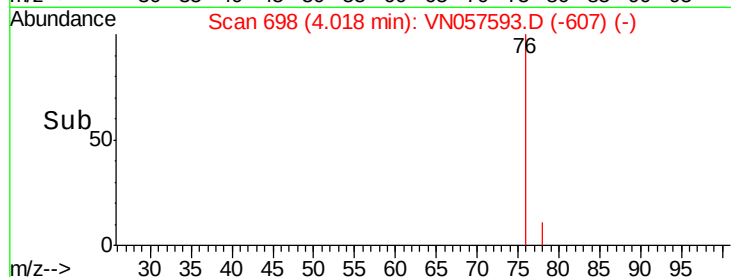
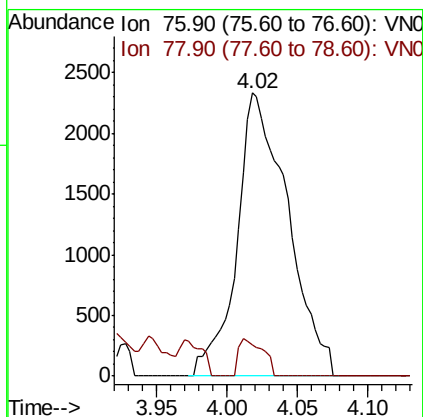
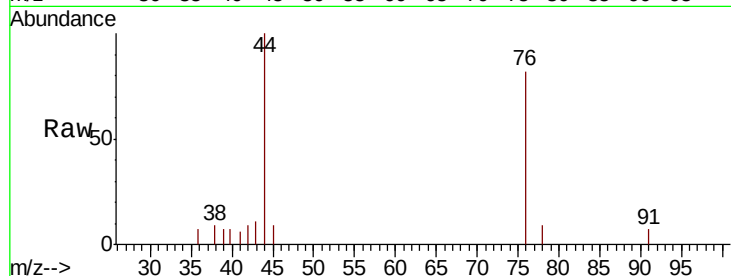
SB-02-30-32

Tgt Ion: 76 Resp: 5893

Ion Ratio Lower Upper

76 100

78 11.2 7.1 10.7#



#18

Methyl Acetate

Concen: Below Cal

RT: 4.33 min Scan# 794

Delta R.T. 0.01 min

Lab File: VN057593.D

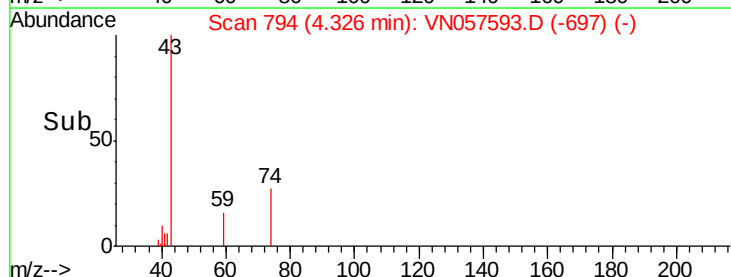
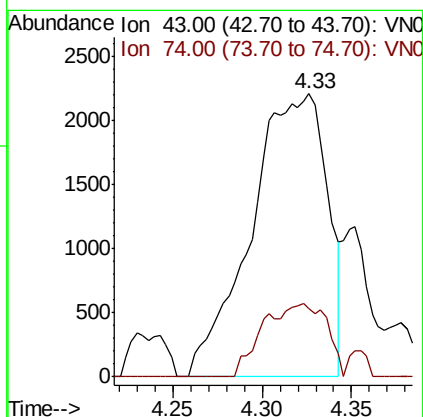
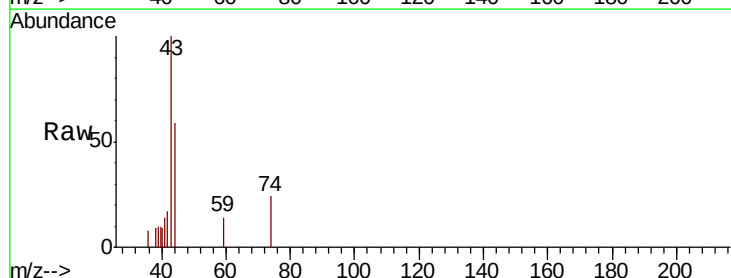
Acq: 30 Aug 2019 17:30

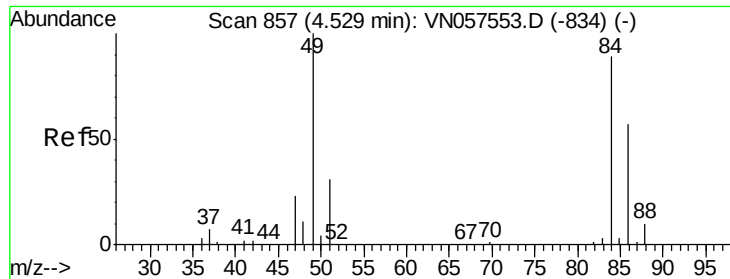
Tgt Ion: 43 Resp: 6561

Ion Ratio Lower Upper

43 100

74 0.0 15.9 23.9#

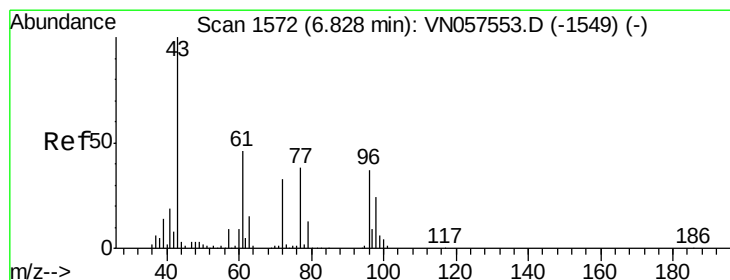
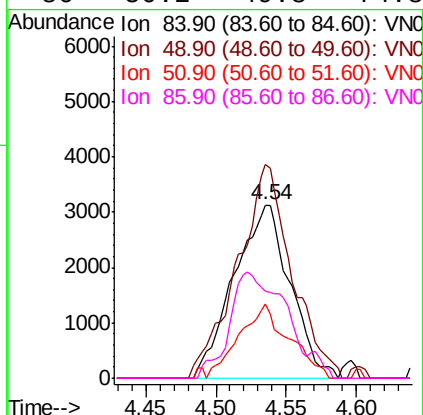
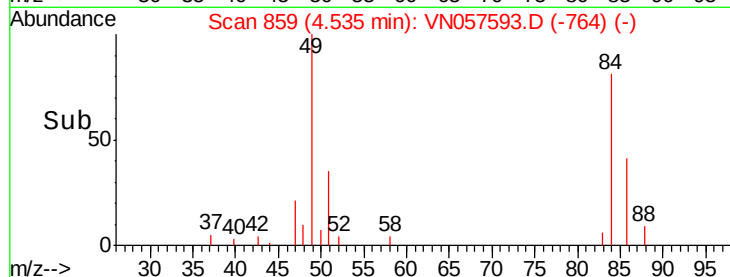
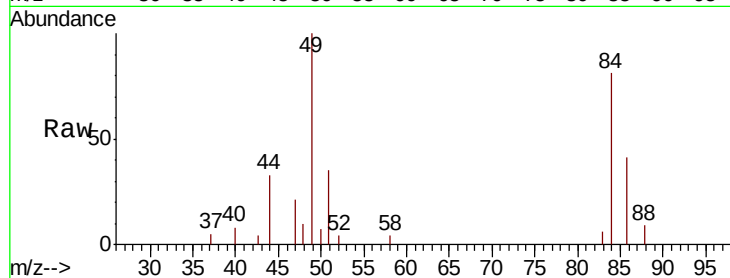




#20
Methylene Chloride
Concen: 1.184 ug/l
RT: 4.54 min Scan# 859
Delta R.T. 0.01 min
Lab File: VN057593.D
Acq: 30 Aug 2019 17:30

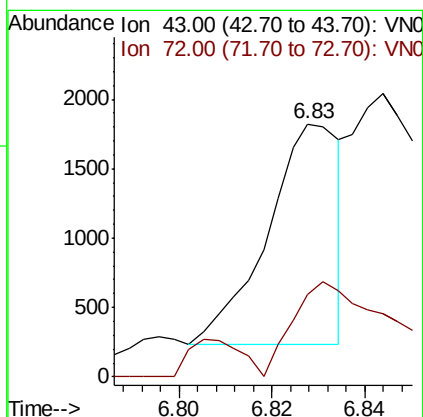
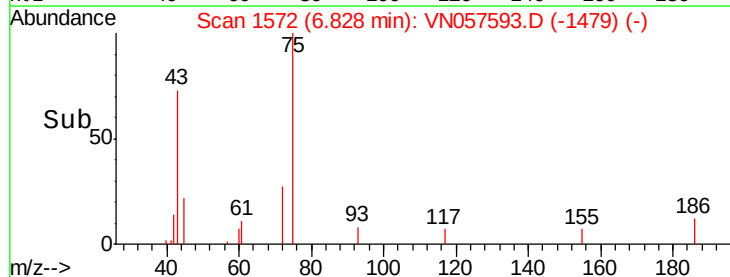
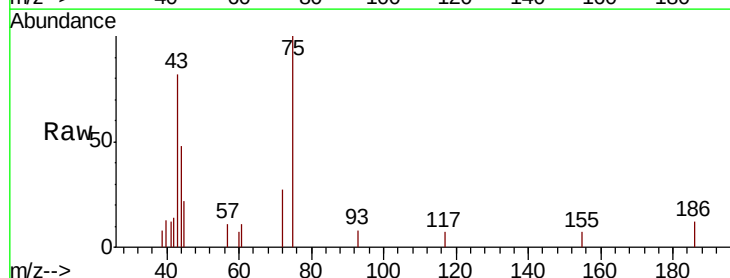
Instrument :
MSVOA_N
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SB-02-30-32

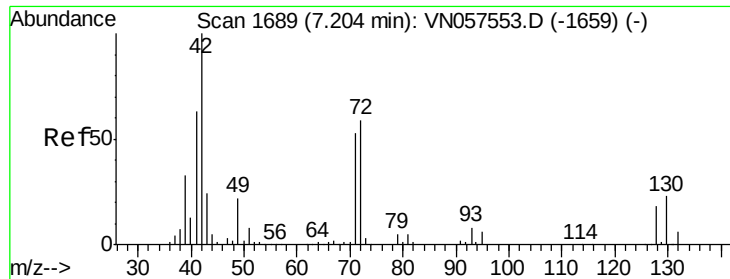
Tgt Ion: 84 Resp: 8690
Ion Ratio Lower Upper
84 100
49 123.3 117.0 175.4
51 42.8 35.5 53.3
86 50.2 49.8 74.8



#25
2-Butanone
Concen: 0.548 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. -0.00 min
Lab File: VN057593.D
Acq: 30 Aug 2019 17:30

Tgt Ion: 43 Resp: 1713
Ion Ratio Lower Upper
43 100
72 25.2 17.8 26.8





#29

Tetrahydrofuran

Concen: 0.246 ug/l

RT: 7.22 min Scan# 1694

Delta R.T. 0.02 min

Lab File: VN057593.D

Acq: 30 Aug 2019 17:30

Instrument :

MSVOA_N

ClientSampled :

SB-02-30-32

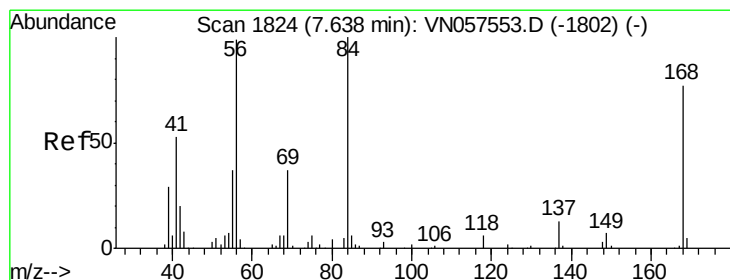
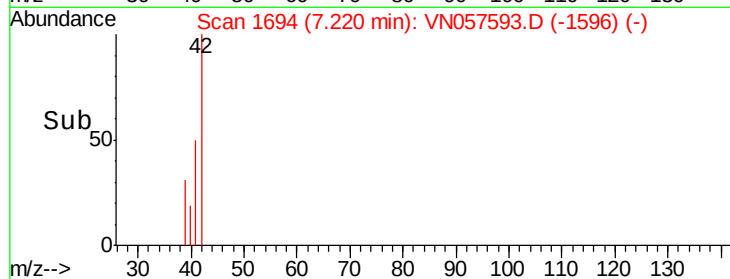
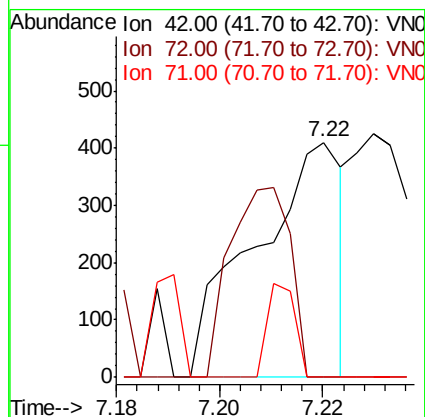
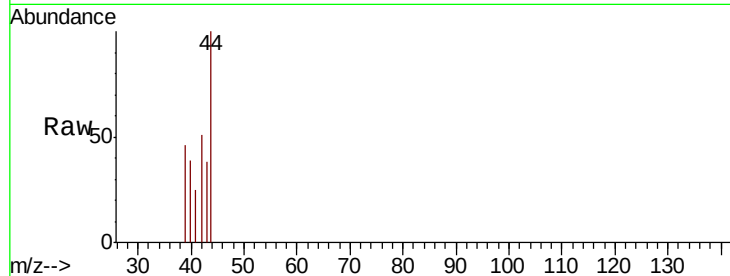
Tgt Ion: 42 Resp: 481

Ion Ratio Lower Upper

42 100

72 55.7 30.1 45.1#

71 12.5 28.8 43.2#



#31

Cyclohexane

Concen: 1.113 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.02 min

Lab File: VN057593.D

Acq: 30 Aug 2019 17:30

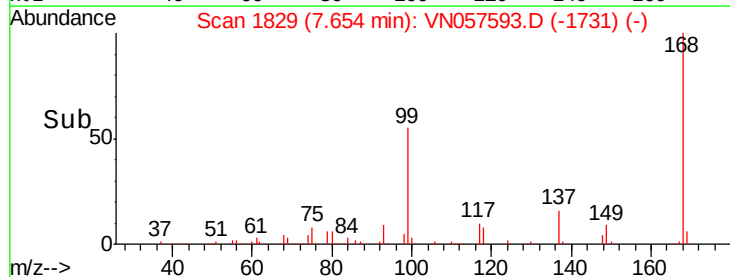
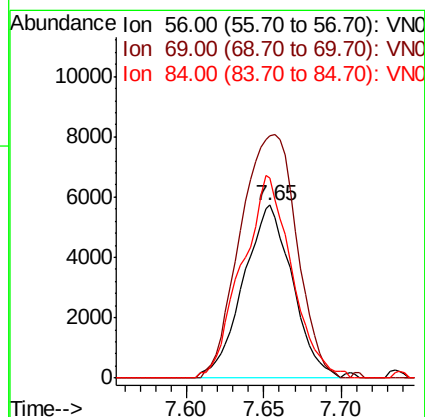
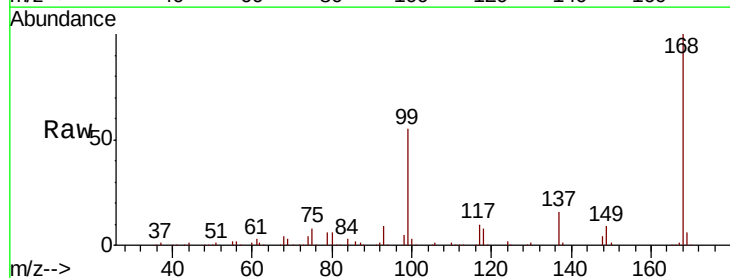
Tgt Ion: 56 Resp: 12677

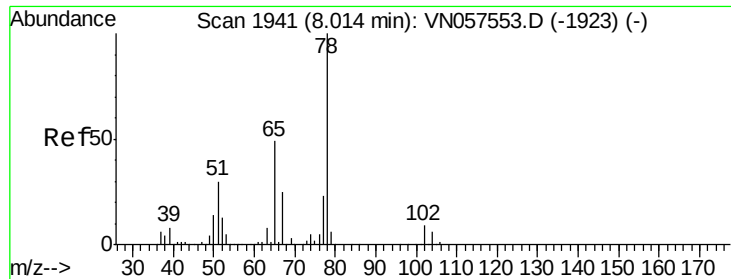
Ion Ratio Lower Upper

56 100

69 140.2 25.0 37.6#

84 115.3 62.5 93.7#

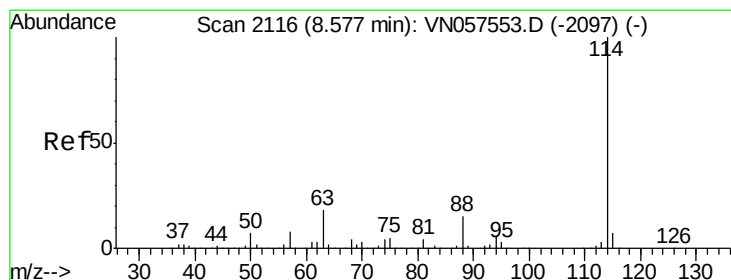
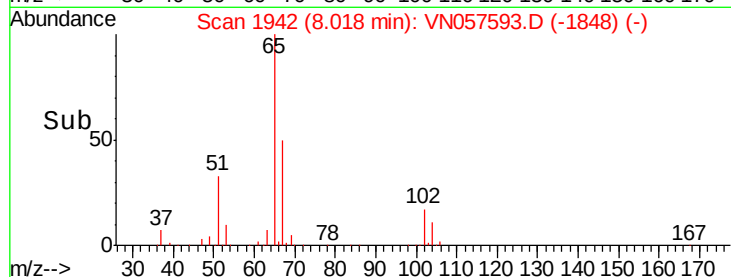
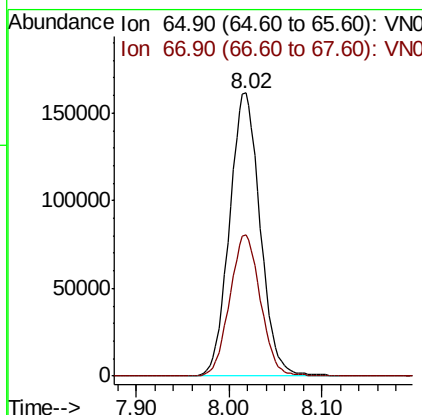
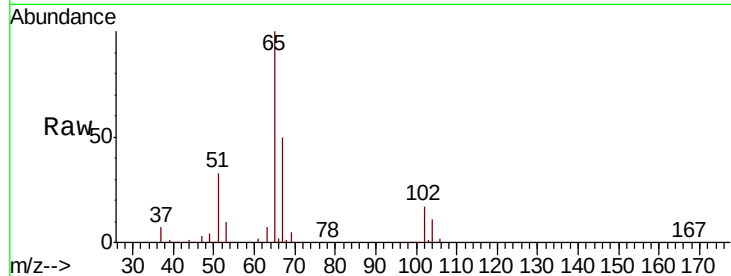




#33
 1,2-Dichloroethane-d4
 Concen: 37.734 ug/l
 RT: 8.02 min Scan# 1942
 Delta R.T. 0.00 min
 Lab File: VN057593.D
 Acq: 30 Aug 2019 17:30

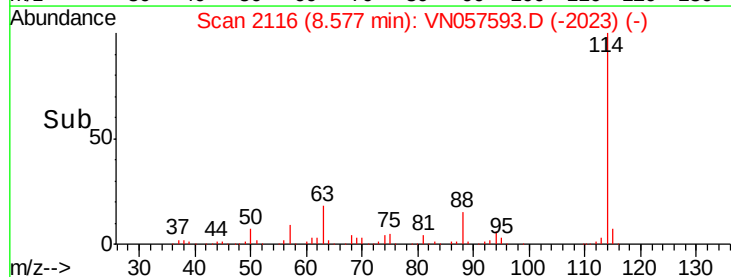
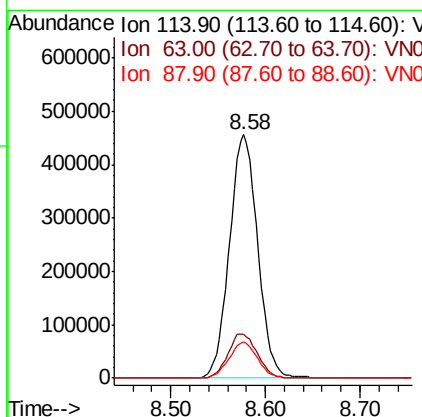
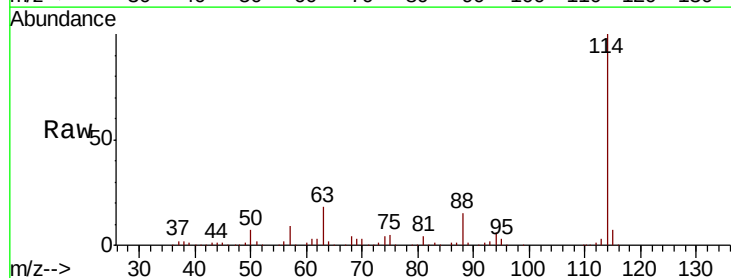
Instrument :
 MSVOA_N
 ClientSampleId :
 SB-02-30-32

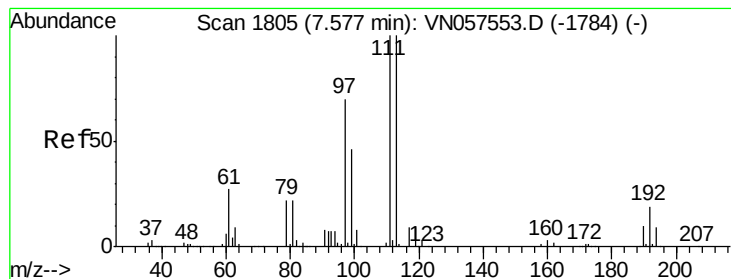
Tgt Ion: 65 Resp: 370003
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. -0.00 min
 Lab File: VN057593.D
 Acq: 30 Aug 2019 17:30

Tgt Ion: 114 Resp: 945304
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 50.2
 88 14.9 0.0 34.6





#35

Dibromofluoromethane

Concen: 34.470 ug/l

RT: 7.58 min Scan# 1806

Delta R.T. 0.00 min

Lab File: VN057593.D

Acq: 30 Aug 2019 17:30

Instrument :

MSVOA_N

ClientSampleId :

SB-02-30-32

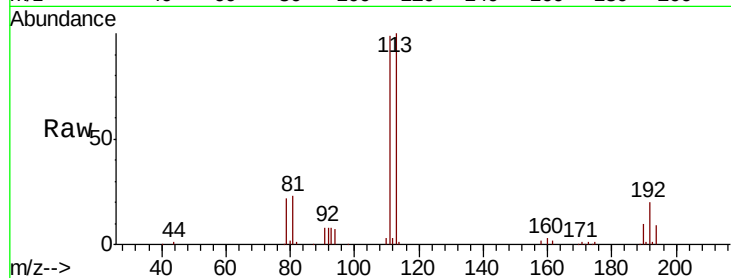
Tgt Ion:113 Resp: 291243

Ion Ratio Lower Upper

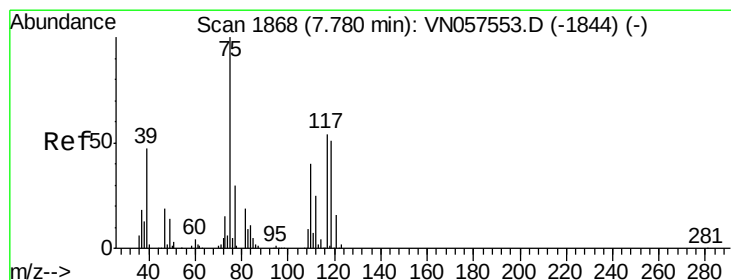
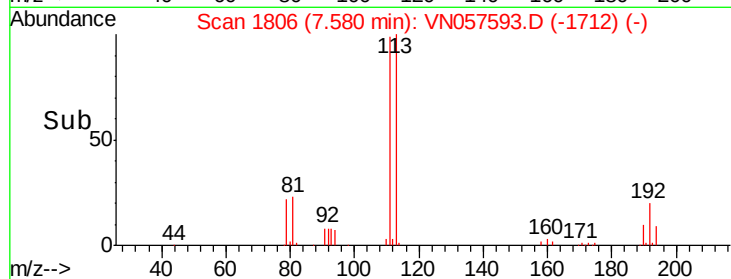
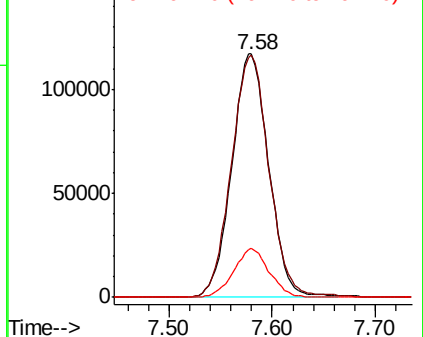
113 100

111 101.2 83.8 125.6

192 19.3 13.5 20.3



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.503 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.13 min

Lab File: VN057593.D

Acq: 30 Aug 2019 17:30

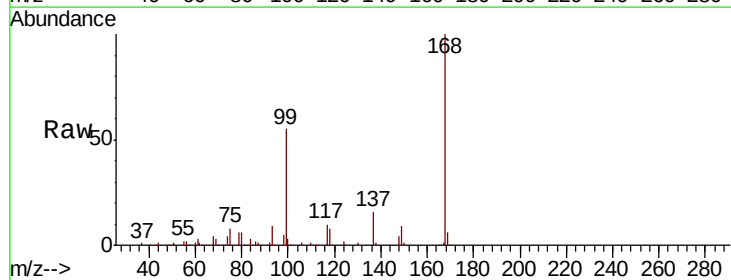
Tgt Ion: 75 Resp: 46043

Ion Ratio Lower Upper

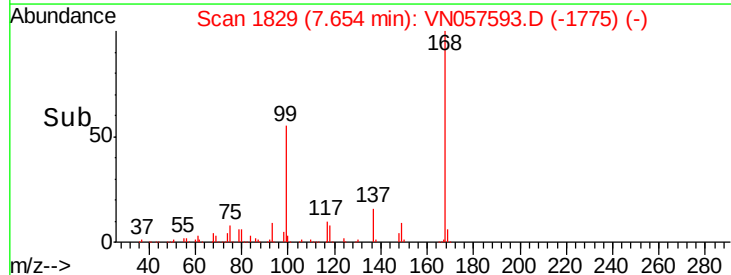
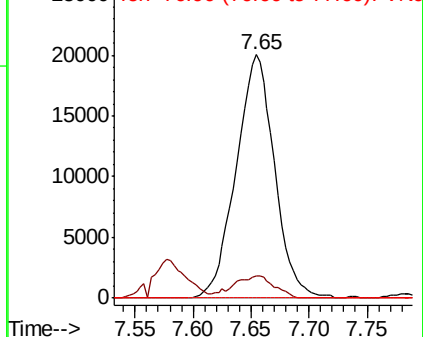
75 100

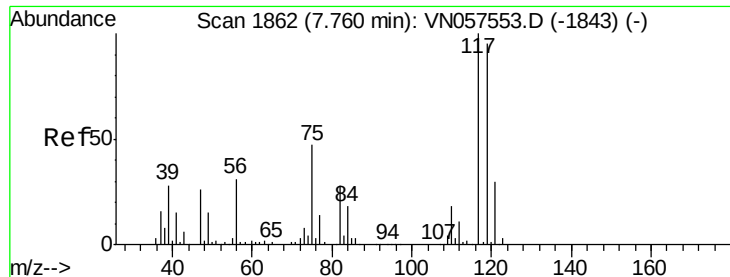
110 9.8 16.1 48.3#

77 0.0 24.8 37.2#



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VNO





#38

Carbon Tetrachloride

Concen: 4.838 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.11 min

Lab File: VN057593.D

Acq: 30 Aug 2019 17:30

Instrument :

MSVOA_N

ClientSampleId :

SB-02-30-32

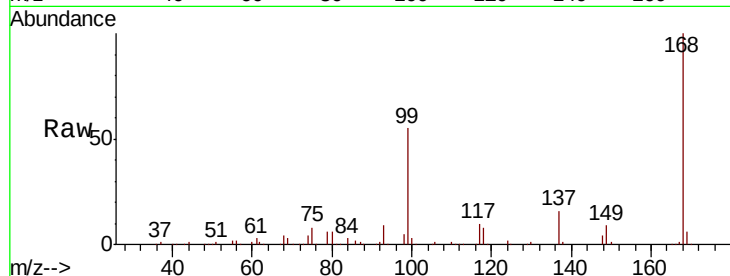
Tgt Ion: 117 Resp: 57851

Ion Ratio Lower Upper

117 100

119 3.8 76.2 114.4#

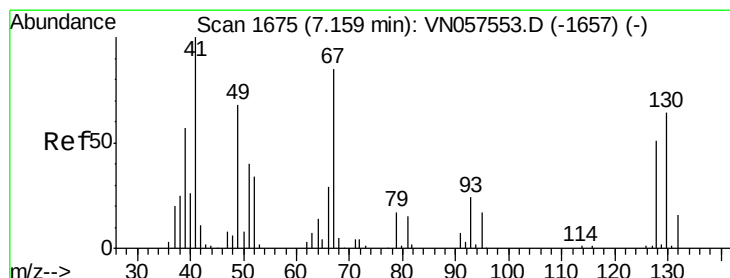
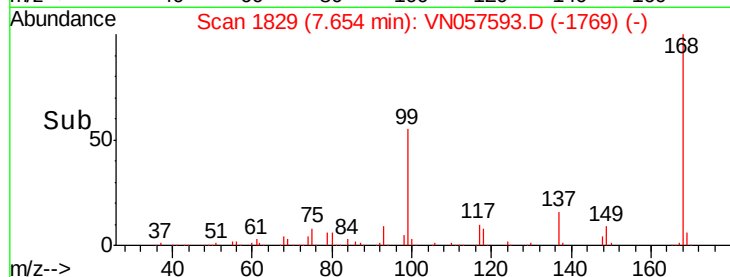
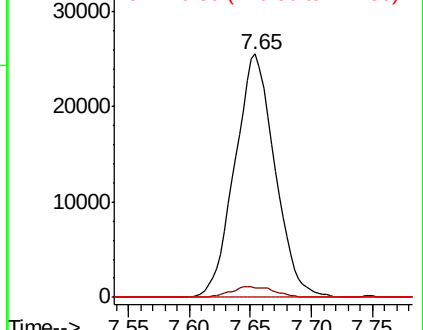
121 0.0 23.8 35.6#



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



#41

Methacrylonitrile

Concen: 1.290 ug/l

RT: 7.16 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VN057593.D

Acq: 30 Aug 2019 17:30

Tgt Ion: 41 Resp: 74

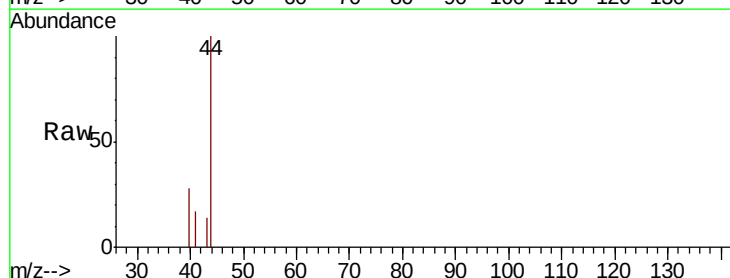
Ion Ratio Lower Upper

41 100

39 0.0 53.6 80.4#

67 0.0 65.4 98.2#

52 0.0 29.8 44.6#

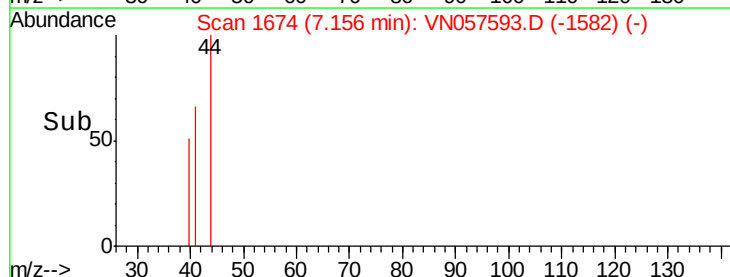
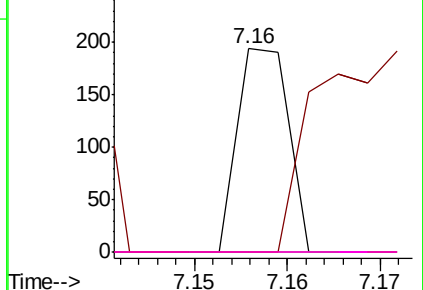


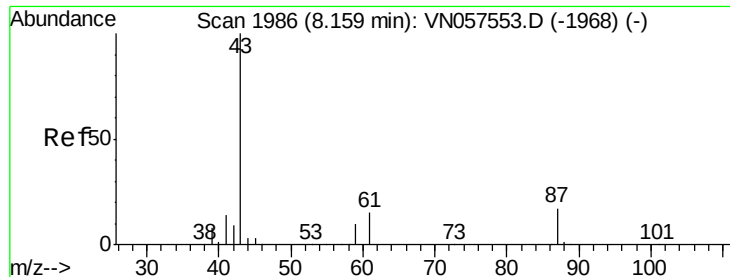
Abundance Ion 41.00 (40.70 to 41.70): V

Ion 39.00 (38.70 to 39.70): V

Ion 67.00 (66.70 to 67.70): V

Ion 52.00 (51.70 to 52.70): V





#43

Isopropyl Acetate

Concen: 7.420 ug/l

RT: 8.16 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN057593.D

Acq: 30 Aug 2019 17:30

Instrument :

MSVOA_N

ClientSampled :

SB-02-30-32

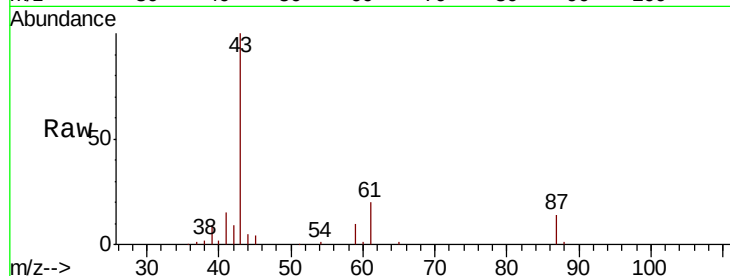
Tgt Ion: 43 Resp: 93841

Ion Ratio Lower Upper

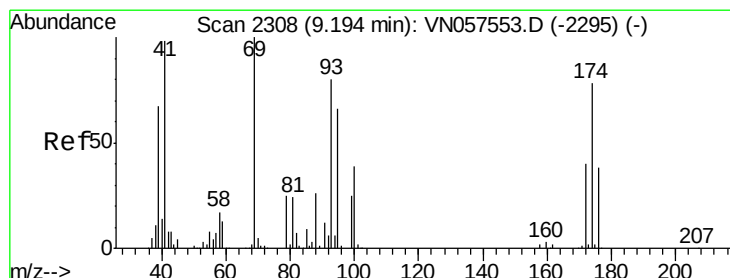
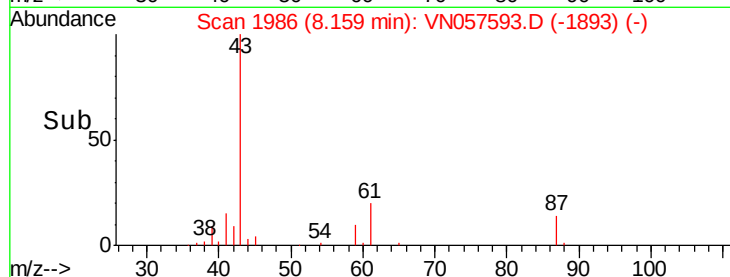
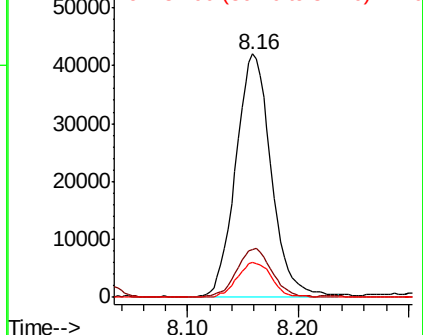
43 100

61 19.9 14.5 21.7

87 13.7 8.6 12.8#



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



#48

Methyl methacrylate

Concen: 0.892 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.01 min

Lab File: VN057593.D

Acq: 30 Aug 2019 17:30

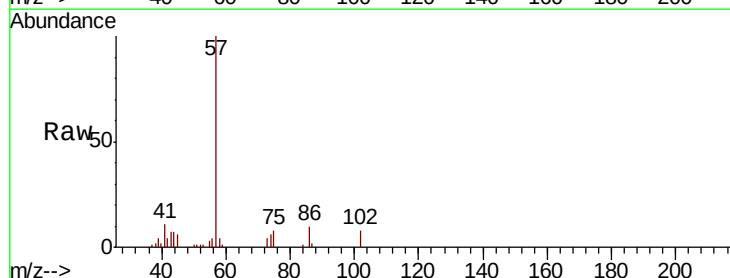
Tgt Ion: 41 Resp: 5328

Ion Ratio Lower Upper

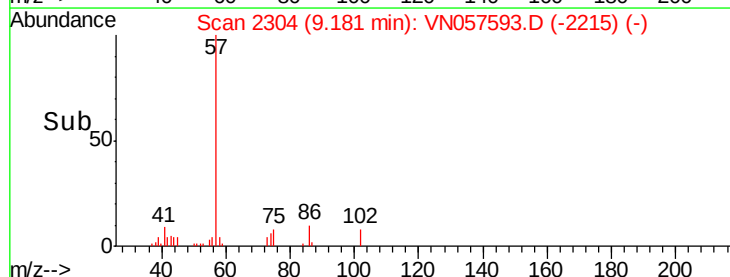
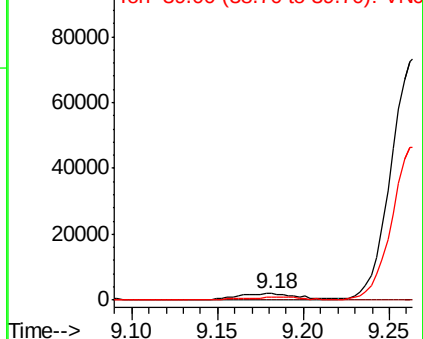
41 100

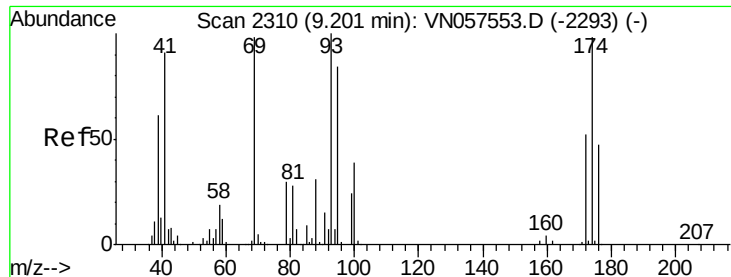
69 0.0 59.3 88.9#

39 0.0 50.6 75.8#



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 39.00 (38.70 to 39.70): VNO





#49

1,4-Dioxane

Concen: 1.587 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.07 min

Lab File: VN057593.D

Acq: 30 Aug 2019 17:30

Instrument :

MSVOA_N

ClientSampled :

SB-02-30-32

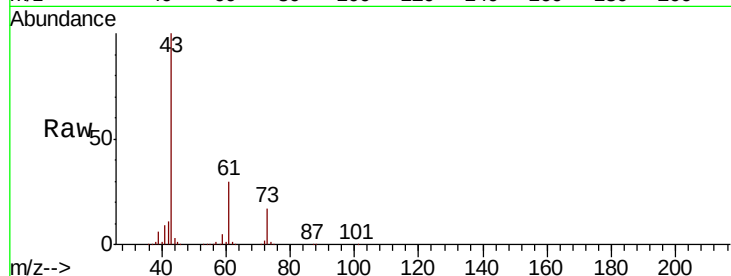
Tgt Ion: 88 Resp: 173

Ion Ratio Lower Upper

88 100

43 845806.9 31.0 46.6#

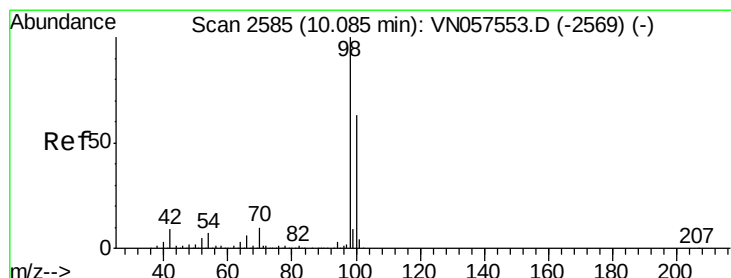
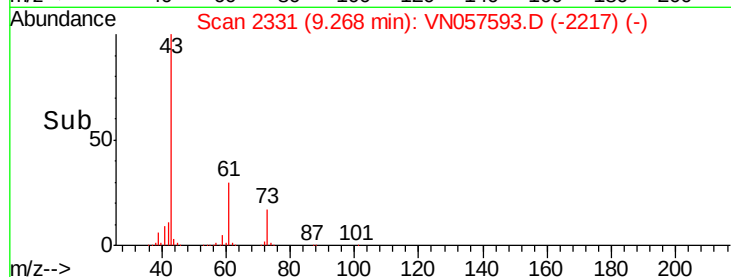
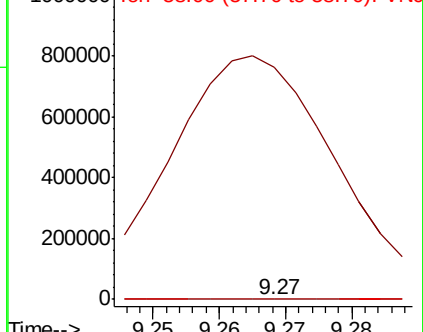
58 3841.0 64.5 96.7#



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: 38.282 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057593.D

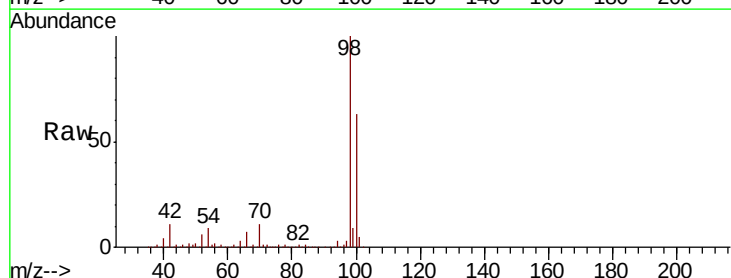
Acq: 30 Aug 2019 17:30

Tgt Ion: 98 Resp: 1144087

Ion Ratio Lower Upper

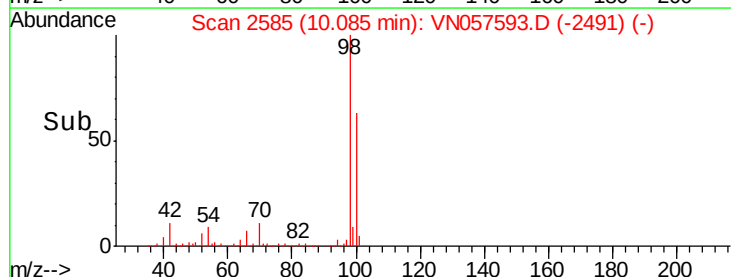
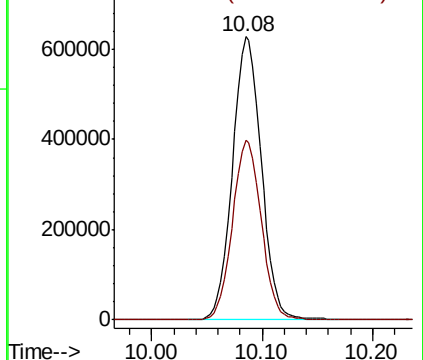
98 100

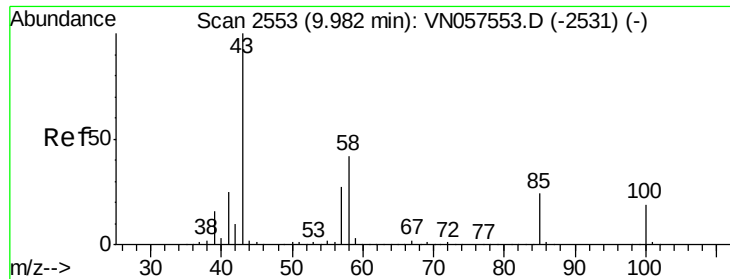
100 63.2 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

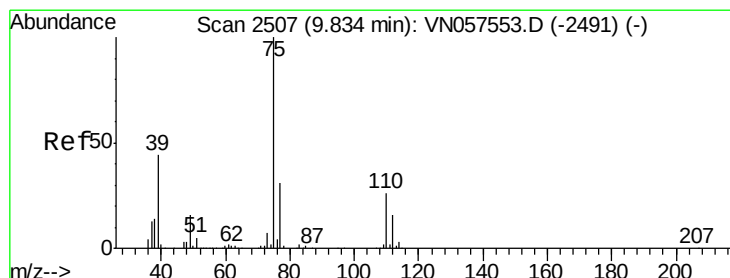
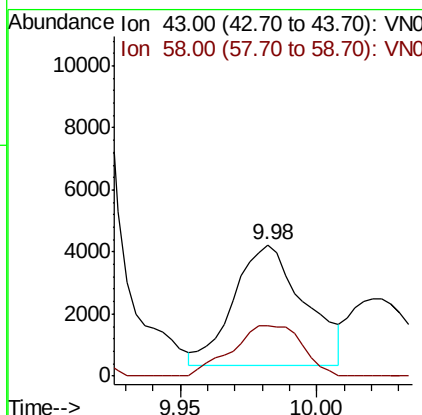
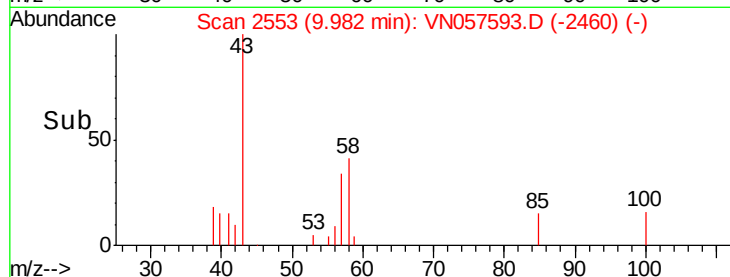
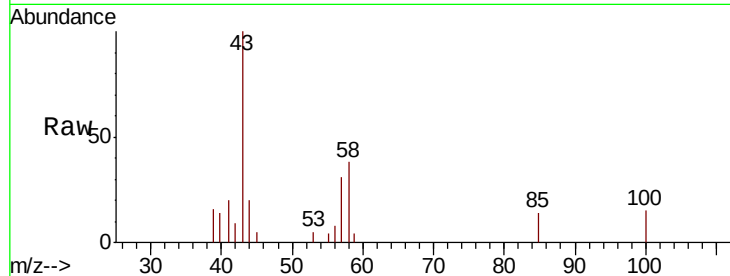




#51
 4-Methyl-2-Pentanone
 Concen: 1.039 ug/l
 RT: 9.98 min Scan# 2553
 Delta R.T. -0.00 min
 Lab File: VN057593.D
 Acq: 30 Aug 2019 17:30

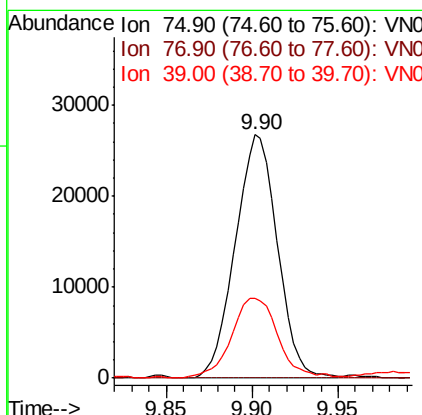
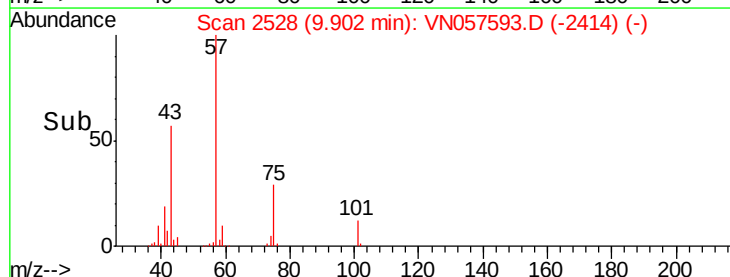
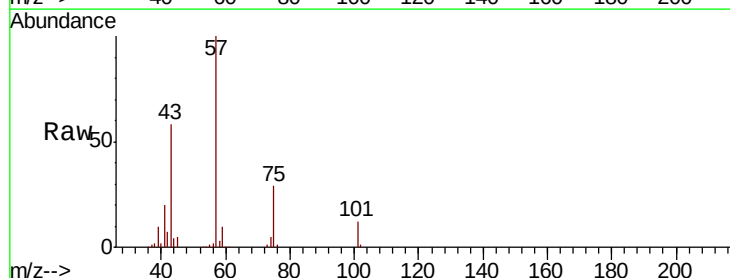
Instrument :
 MSVOA_N
 ClientSampleId :
 SB-02-30-32

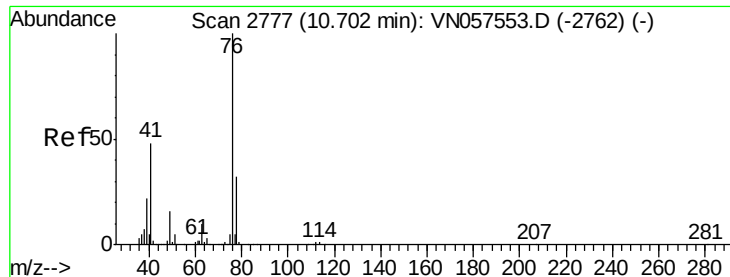
Tgt Ion: 43 Resp: 7024
 Ion Ratio Lower Upper
 43 100
 58 41.1 27.9 41.9



#54
 cis-1,3-Dichloropropene
 Concen: 3.691 ug/l
 RT: 9.90 min Scan# 2528
 Delta R.T. 0.07 min
 Lab File: VN057593.D
 Acq: 30 Aug 2019 17:30

Tgt Ion: 75 Resp: 45706
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.0 37.6#
 39 32.4 49.2 73.8#

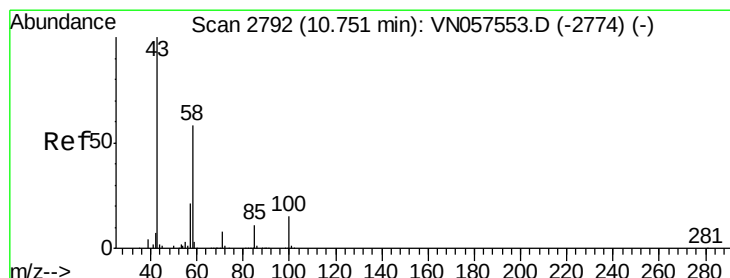
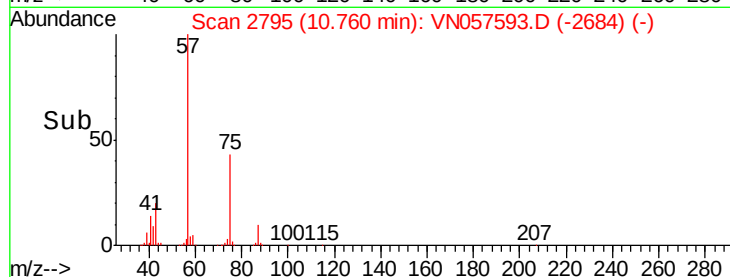
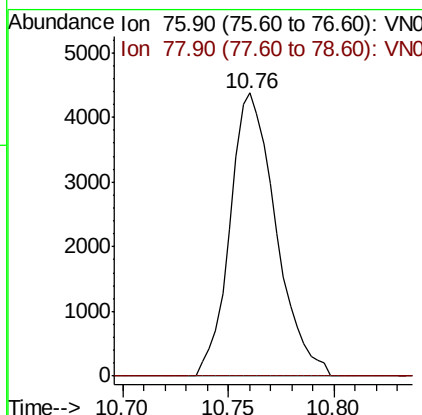
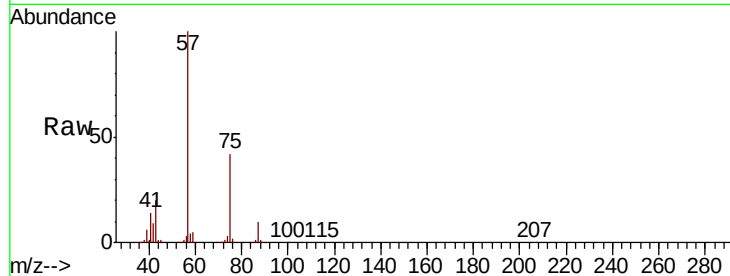




#57
 1,3-Dichloropropane
 Concen: 0.531 ug/l
 RT: 10.76 min Scan# 2795
 Delta R.T. 0.06 min
 Lab File: VN057593.D
 Acq: 30 Aug 2019 17:30

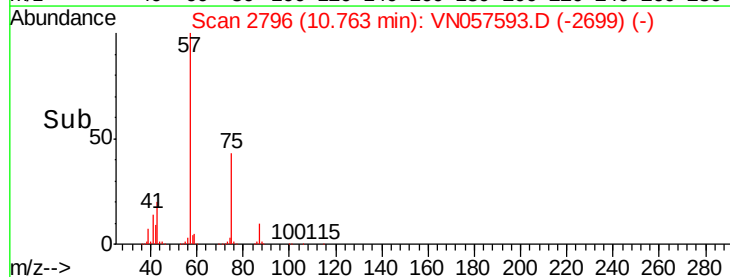
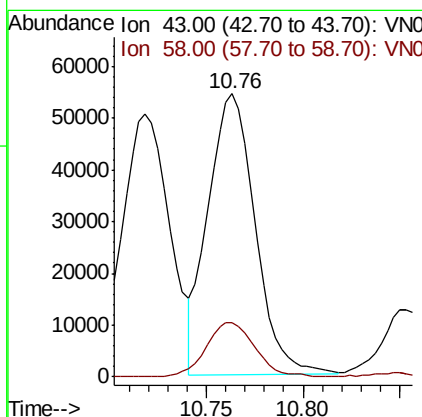
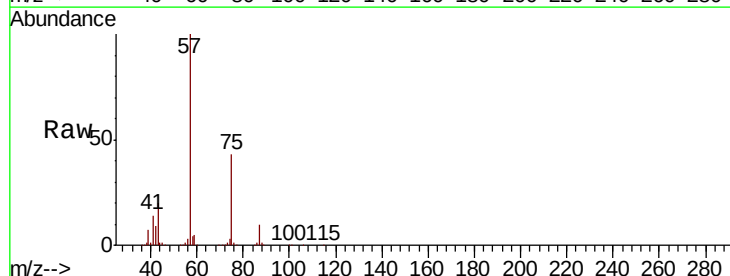
Instrument :
 MSVOA_N
 ClientSampleId :
 SB-02-30-32

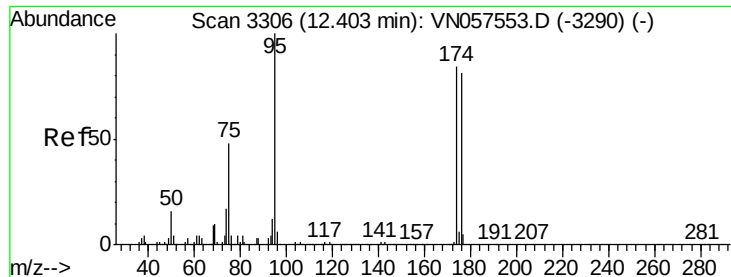
Tgt Ion: 76 Resp: 6620
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.5 38.3#



#59
 2-Hexanone
 Concen: 19.754 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN057593.D
 Acq: 30 Aug 2019 17:30

Tgt Ion: 43 Resp: 92179
 Ion Ratio Lower Upper
 43 100
 58 20.0 24.6 73.6#

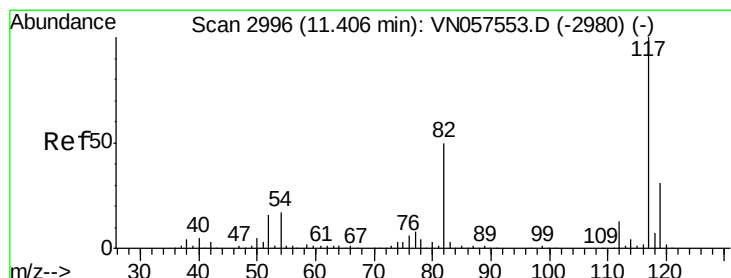
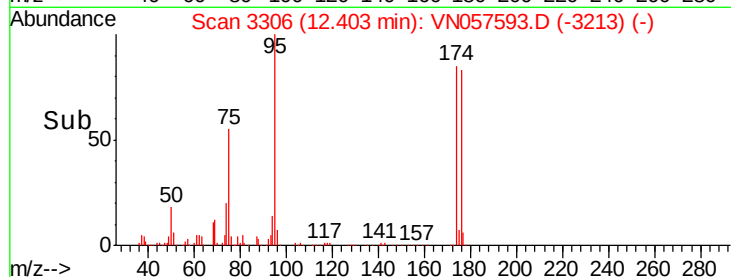
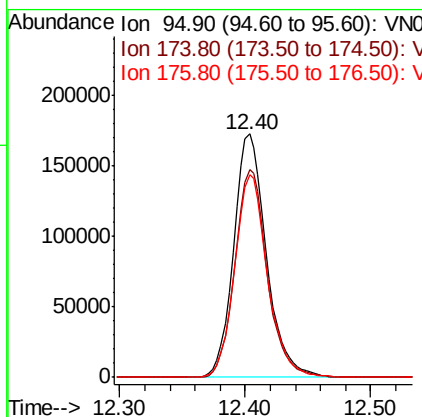
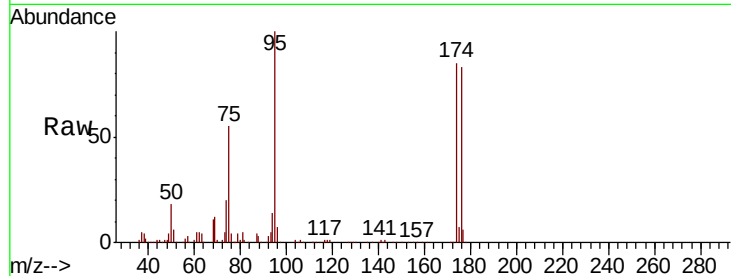




#62
4-Bromofluorobenzene
Concen: 31.053 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057593.D
Acq: 30 Aug 2019 17:30

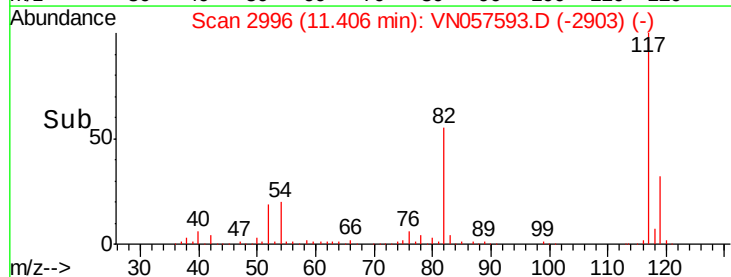
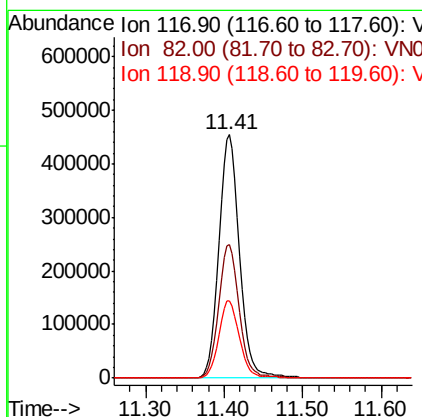
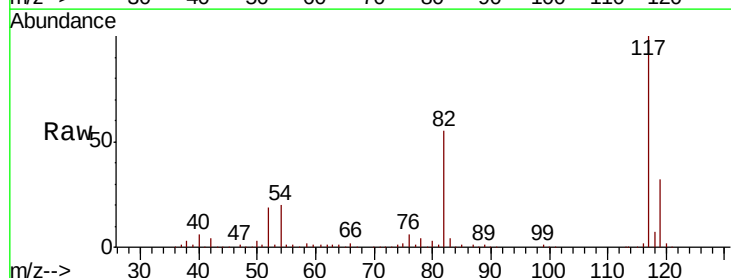
Instrument :
MSVOA_N
ClientSampleId :
SB-02-30-32

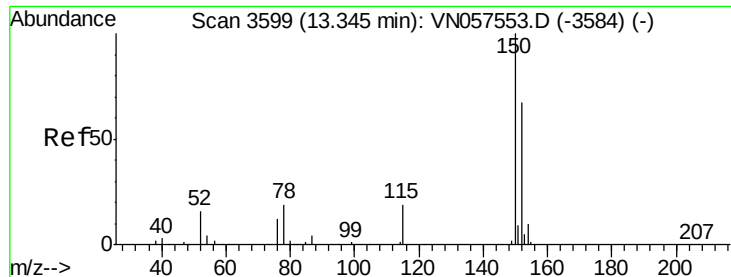
Tgt Ion: 95 Resp: 311530
Ion Ratio Lower Upper
95 100
174 84.7 0.0 133.0
176 83.4 0.0 130.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN057593.D
Acq: 30 Aug 2019 17:30

Tgt Ion: 117 Resp: 816843
Ion Ratio Lower Upper
117 100
82 55.0 50.6 75.8
119 31.6 24.6 36.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057593.D

Acq: 30 Aug 2019 17:30

Instrument :

MSVOA_N

ClientSampled :

SB-02-30-32

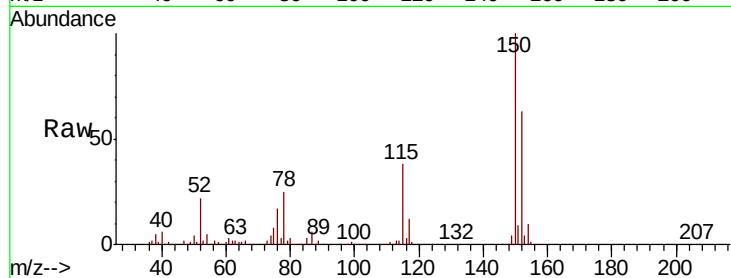
Tgt Ion:152 Resp: 221300

Ion Ratio Lower Upper

152 100

115 59.3 32.0 96.0

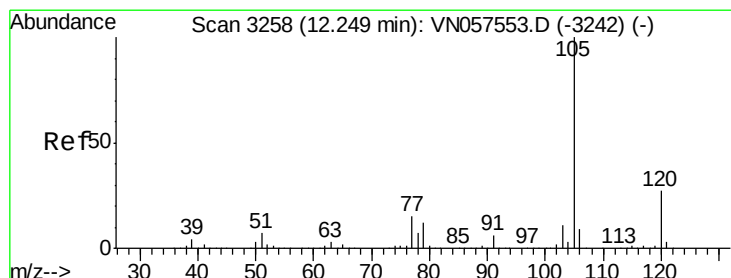
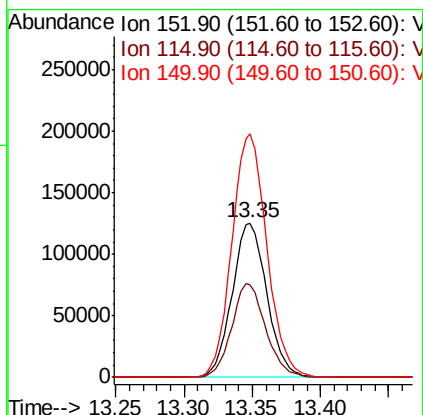
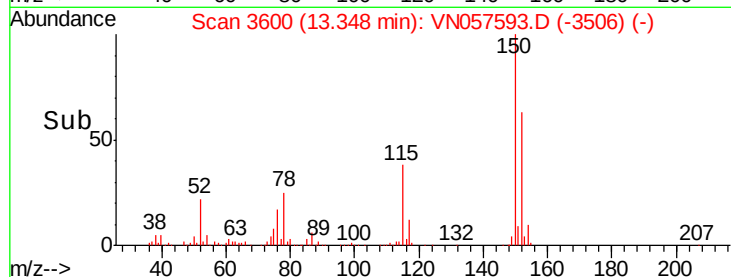
150 159.3 0.0 346.6



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: 12.26 min Scan# 3260

Delta R.T. 0.01 min

Lab File: VN057593.D

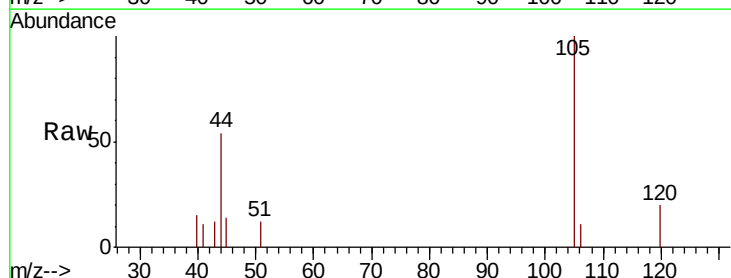
Acq: 30 Aug 2019 17:30

Tgt Ion:105 Resp: 2138

Ion Ratio Lower Upper

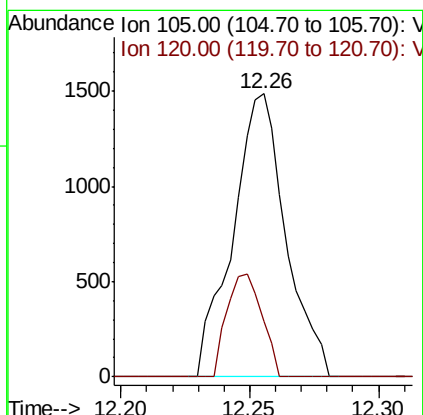
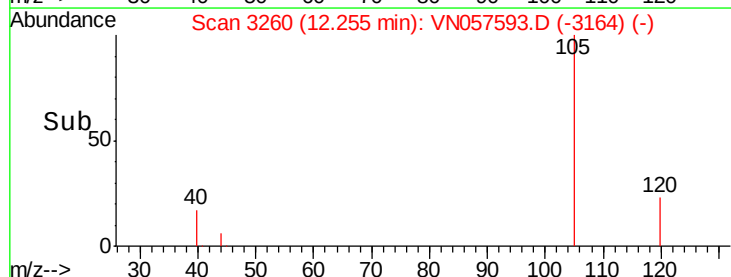
105 100

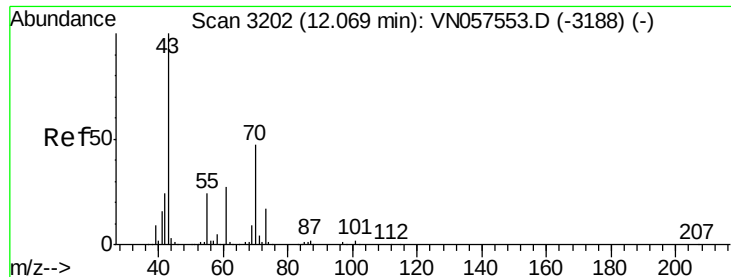
120 23.8 12.7 38.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyI acetate

Concen: Below Cal

RT: 12.03 min Scan# 3191

Delta R.T. -0.03 min

Lab File: VN057593.D

Acq: 30 Aug 2019 17:30

Instrument :

MSVOA_N

ClientSampleId :

SB-02-30-32

Tgt Ion: 43 Resp: 1288

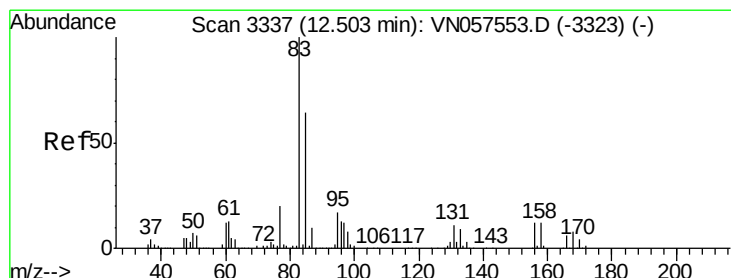
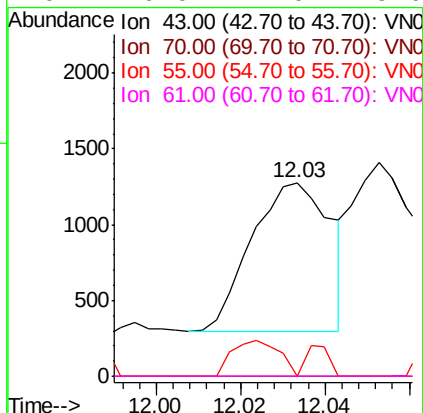
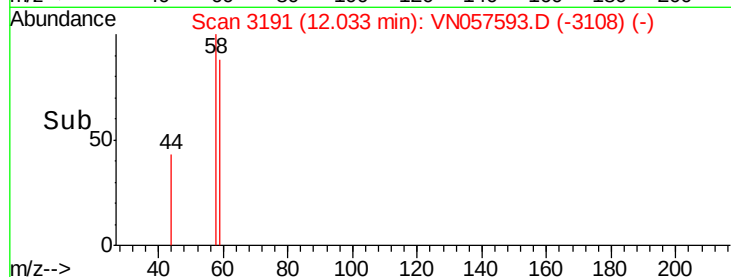
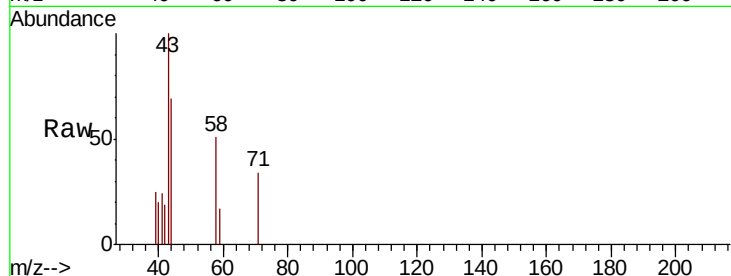
Ion Ratio Lower Upper

43 100

70 0.0 27.8 41.6#

55 5.9 17.0 25.4#

61 0.0 17.0 25.6#



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN057593.D

Acq: 30 Aug 2019 17:30

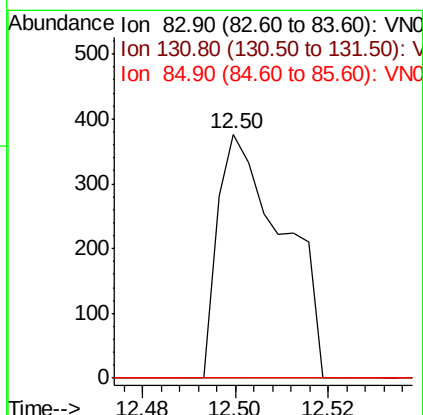
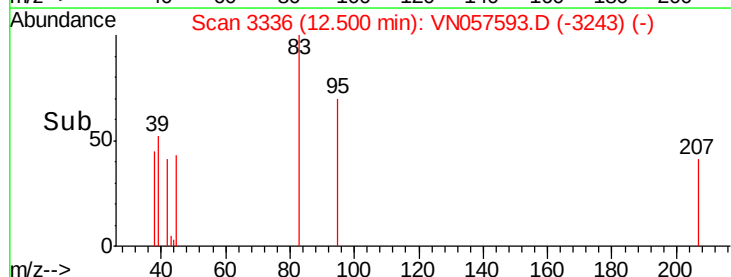
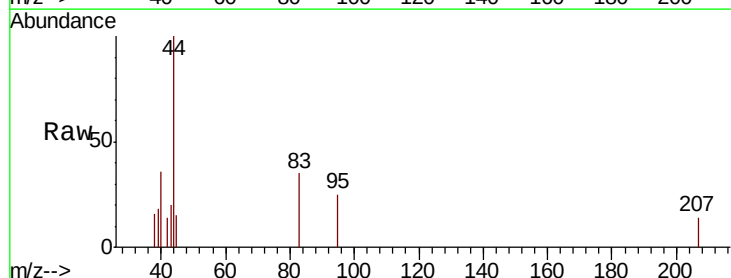
Tgt Ion: 83 Resp: 367

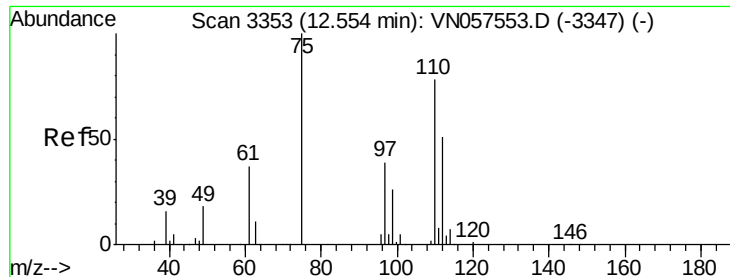
Ion Ratio Lower Upper

83 100

131 0.0 4.3 13.1#

85 0.0 32.3 96.8#

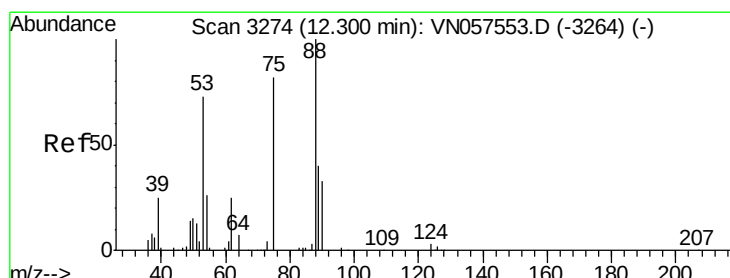
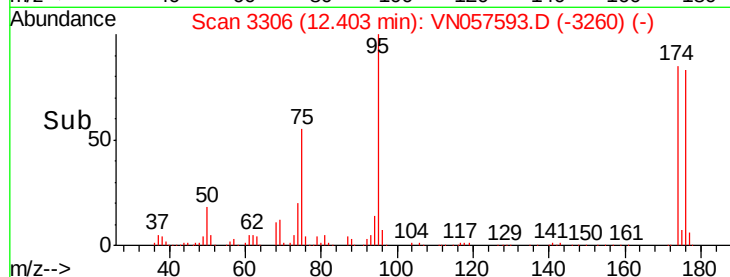
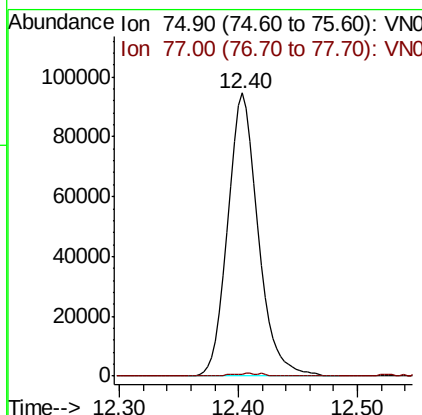
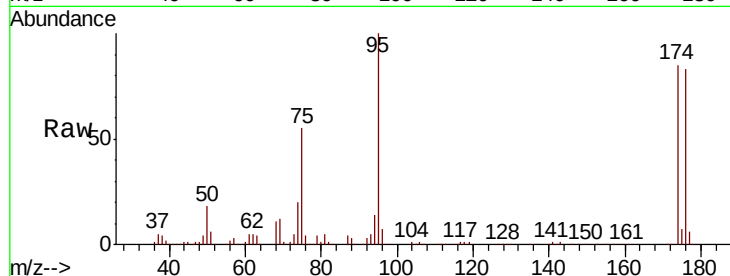




#76
 1,2,3-Trichloropropane
 Concen: 40.554 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. -0.15 min
 Lab File: VN057593.D
 Acq: 30 Aug 2019 17:30

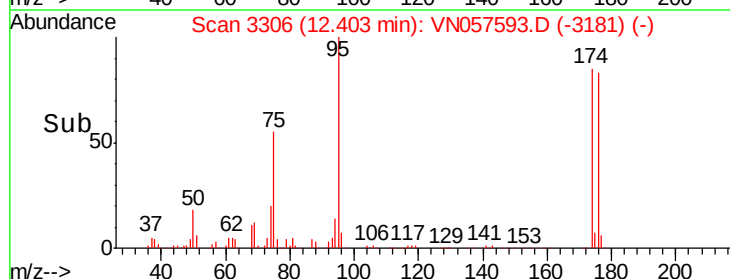
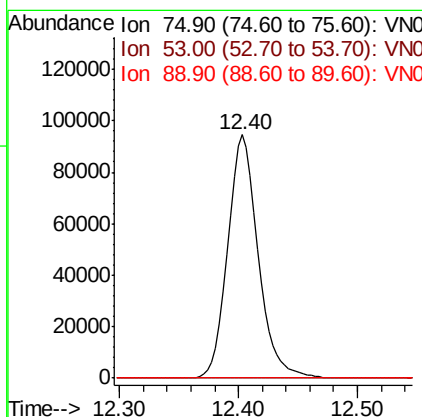
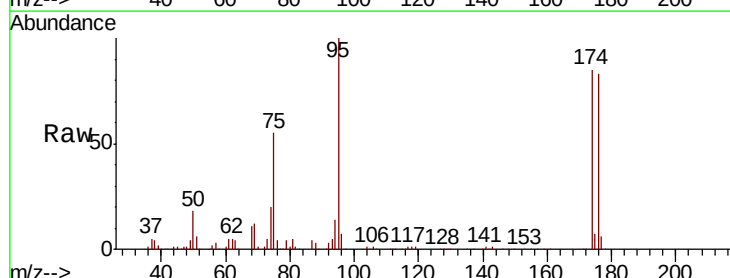
Instrument :
 MSVOA_N
 ClientSampled :
 SB-02-30-32

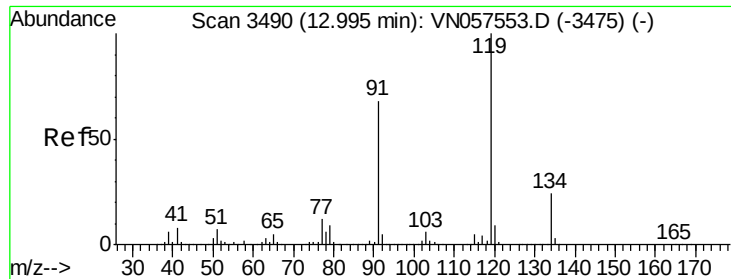
Tgt Ion: 75 Resp: 167614
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 113.888 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN057593.D
 Acq: 30 Aug 2019 17:30

Tgt Ion: 75 Resp: 167614
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.7 124.1#
 89 0.1 35.8 53.8#

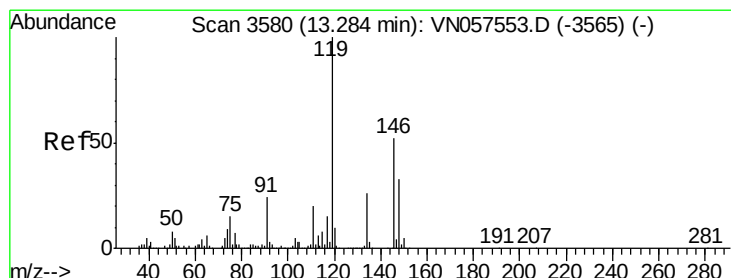
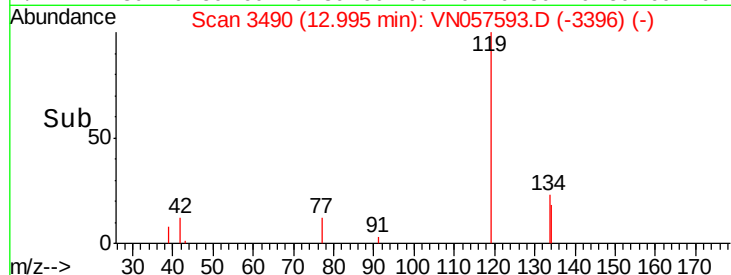
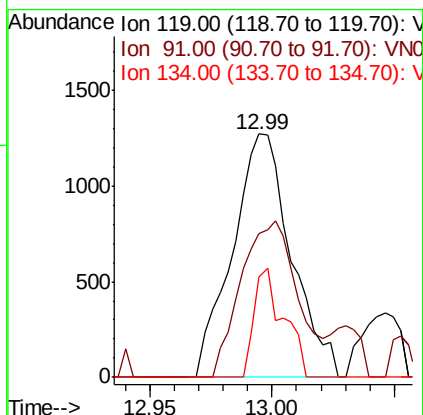
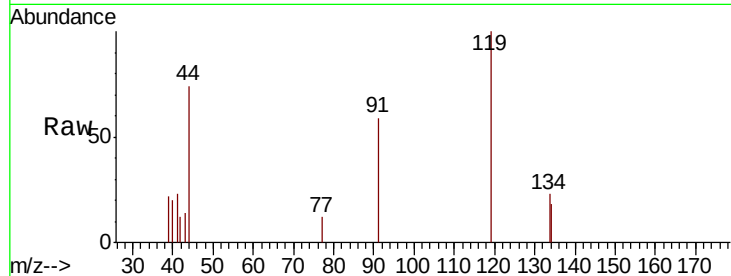




#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN057593.D
 Acq: 30 Aug 2019 17:30

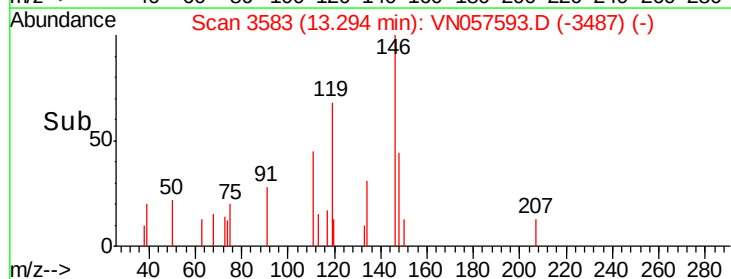
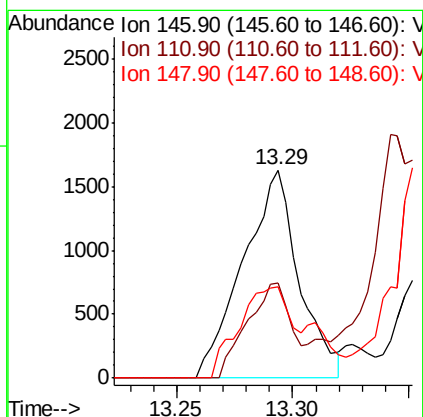
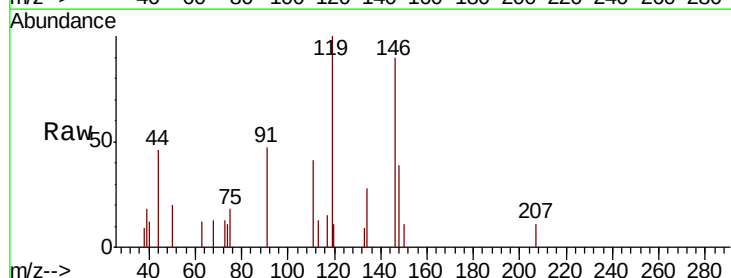
Instrument :
 MSVOA_N
 ClientSampleId :
 SB-02-30-32

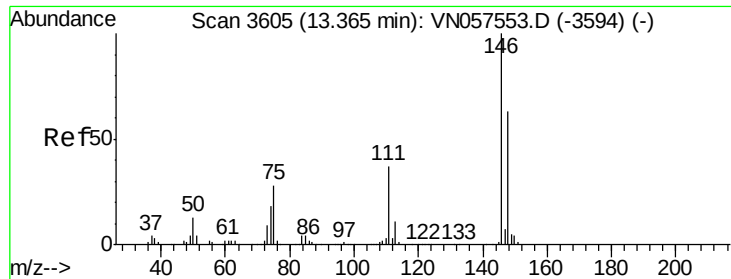
Tgt Ion:	119	Resp:	2128
Ion	Ratio	Lower	Upper
119	100		
91	61.8	37.0	111.0
134	22.3	12.2	36.6



#87
 1,3-Dichlorobenzene
 Concen: 0.345 ug/l
 RT: 13.29 min Scan# 3583
 Delta R.T. 0.01 min
 Lab File: VN057593.D
 Acq: 30 Aug 2019 17:30

Tgt Ion:	146	Resp:	2732
Ion	Ratio	Lower	Upper
146	100		
111	37.4	22.1	66.1
148	41.5	31.9	95.9

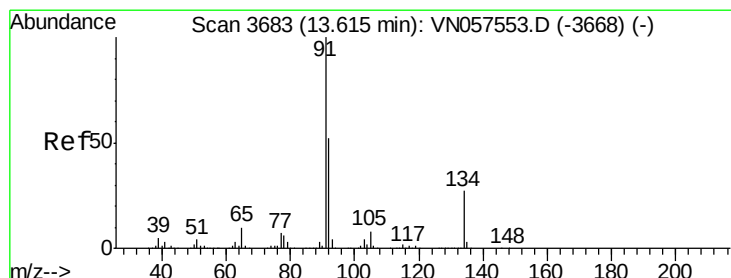
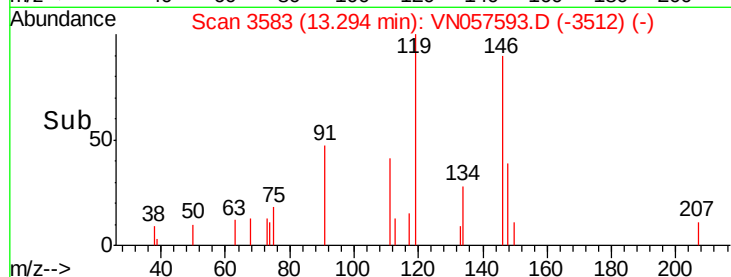
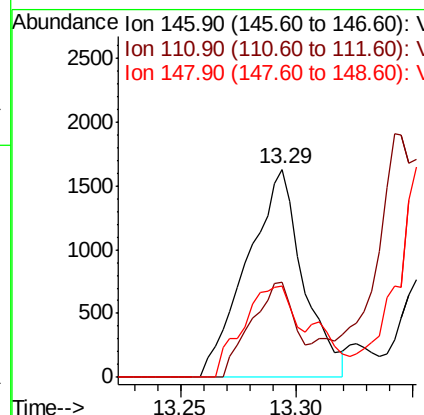
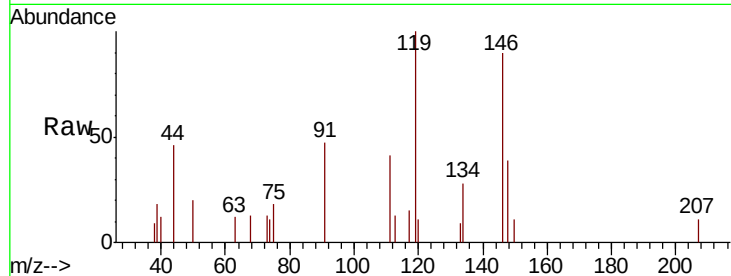




#88
 1,4-Dichlorobenzene
 Concen: 0.359 ug/l
 RT: 13.29 min Scan# 3583
 Delta R.T. -0.07 min
 Lab File: VN057593.D
 Acq: 30 Aug 2019 17:30

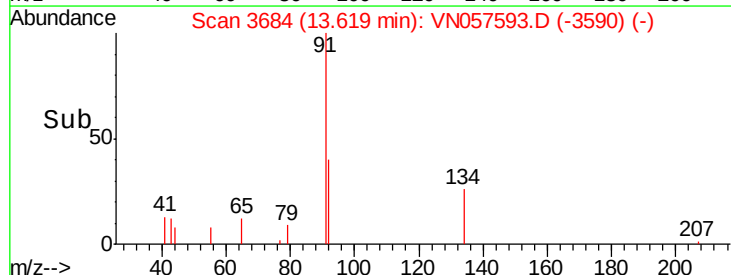
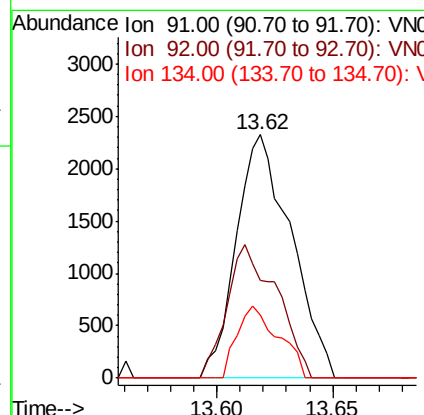
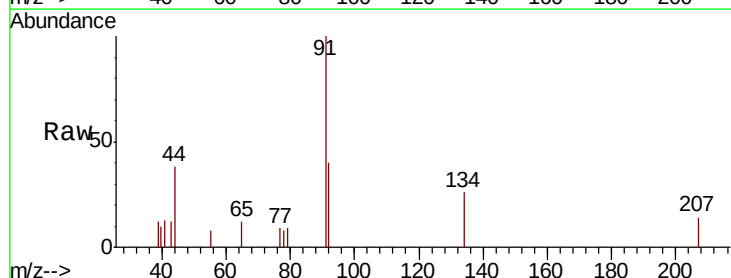
Instrument :
 MSVOA_N
 ClientSampled :
 SB-02-30-32

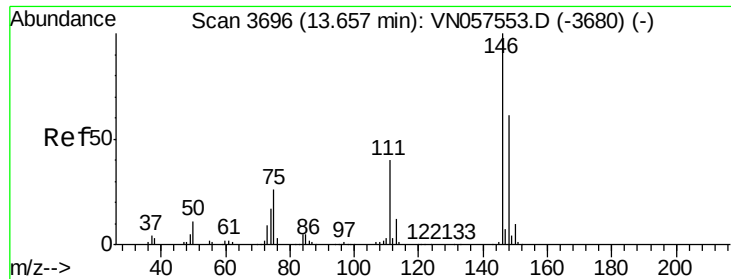
Tgt Ion: 146 Resp: 2732
 Ion Ratio Lower Upper
 146 100
 111 37.4 21.9 65.5
 148 41.5 31.1 93.2



#89
 n-Butylbenzene
 Concen: 0.288 ug/l
 RT: 13.62 min Scan# 3684
 Delta R.T. 0.00 min
 Lab File: VN057593.D
 Acq: 30 Aug 2019 17:30

Tgt Ion: 91 Resp: 3814
 Ion Ratio Lower Upper
 91 100
 92 49.7 25.7 77.0
 134 22.2 11.4 34.1

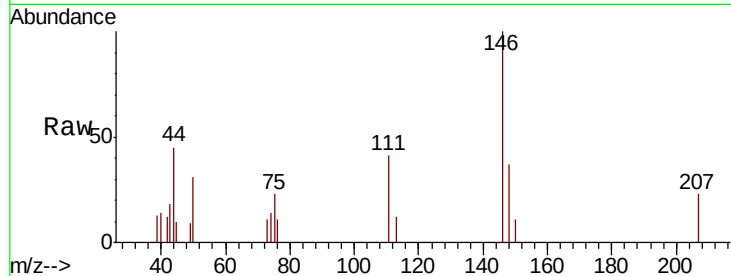




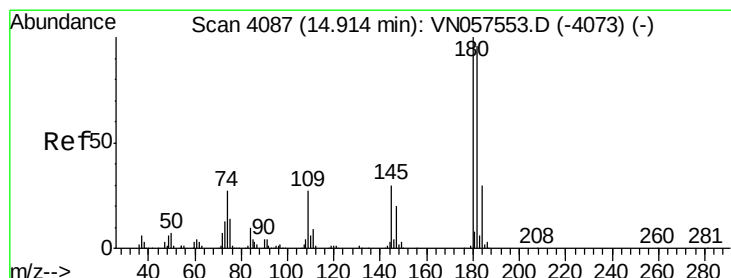
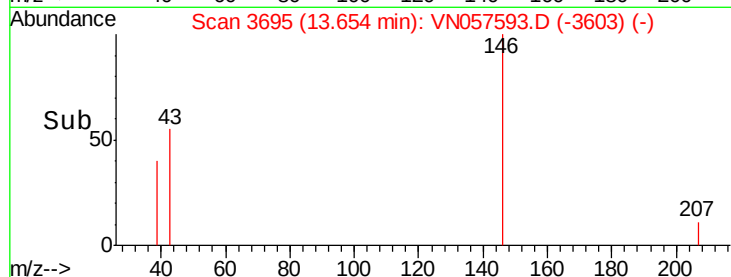
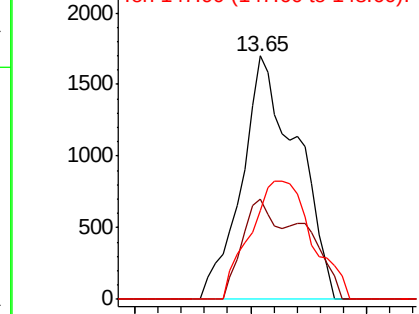
#91
 1,2-Dichlorobenzene
 Concen: 0.382 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. -0.00 min
 Lab File: VN057593.D
 Acq: 30 Aug 2019 17:30

Instrument :
 MSVOA_N
 ClientSampled :
 SB-02-30-32

Tgt Ion:146 Resp: 2830
 Ion Ratio Lower Upper
 146 100
 111 26.4 23.1 69.2
 148 53.8 31.8 95.4

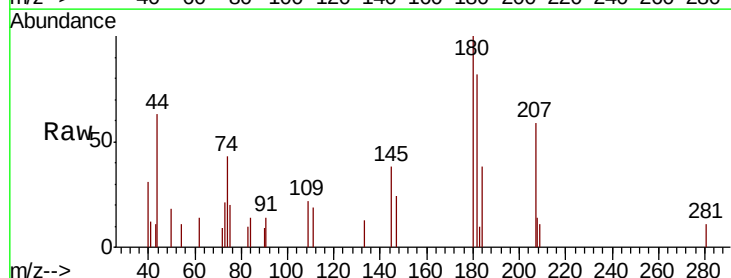


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

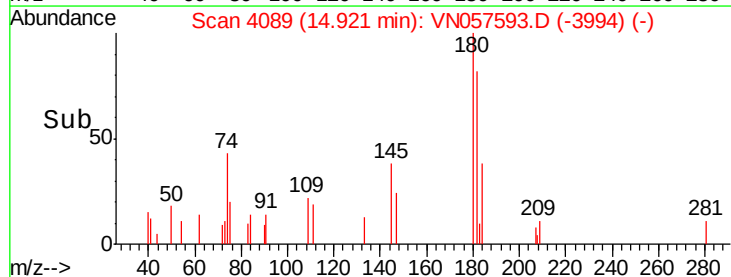
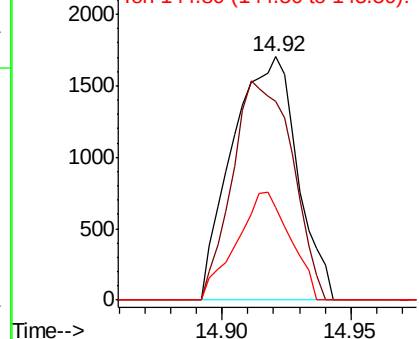


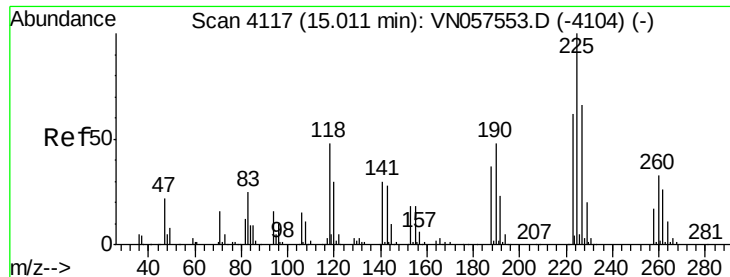
#93
 1,2,4-Trichlorobenzene
 Concen: 4.680 ug/l
 RT: 14.92 min Scan# 4089
 Delta R.T. 0.01 min
 Lab File: VN057593.D
 Acq: 30 Aug 2019 17:30

Tgt Ion:180 Resp: 2979
 Ion Ratio Lower Upper
 180 100
 182 83.4 46.7 140.1
 145 36.7 15.6 46.8



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: 0.402 ug/l

RT: 15.01 min Scan# 4116

Delta R.T. -0.00 min

Lab File: VN057593.D

Acq: 30 Aug 2019 17:30

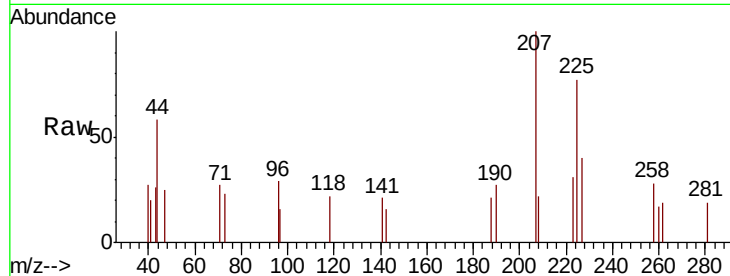
Instrument :

MSVOA_N

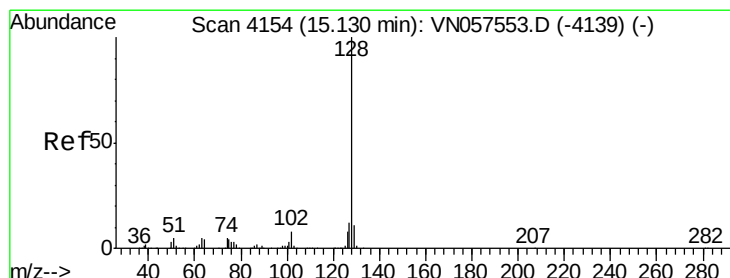
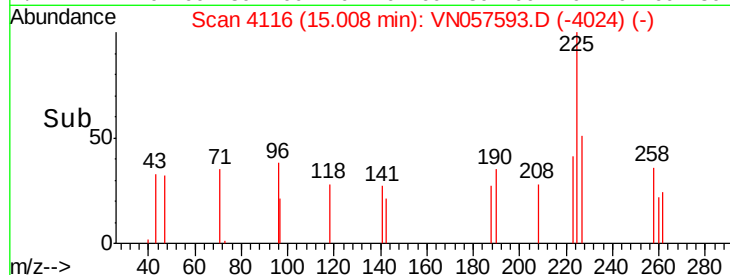
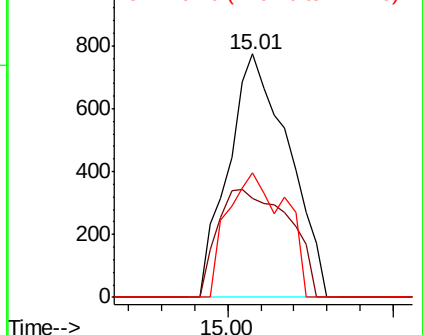
ClientSampled :

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Tgt Ion:	225	Resp:	981
Ion	Ratio	Lower	Upper
225	100		
223	52.2	32.0	96.2
227	48.4	31.5	94.5



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: 1.094 ug/l

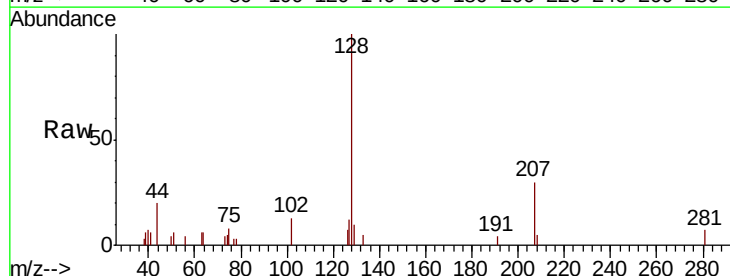
RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

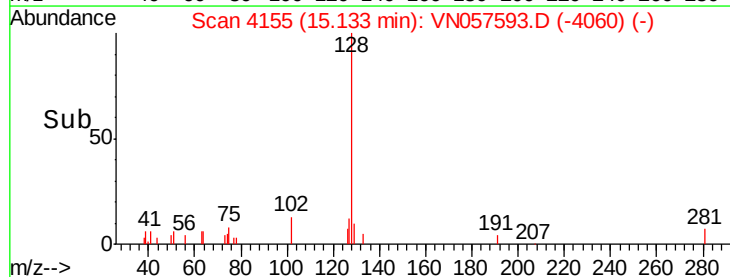
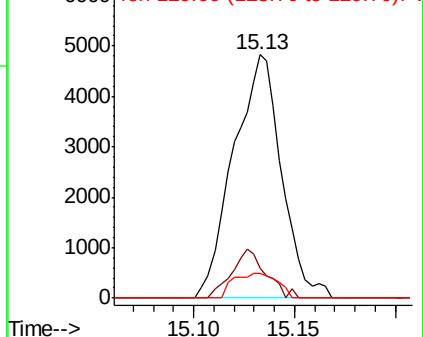
Lab File: VN057593.D

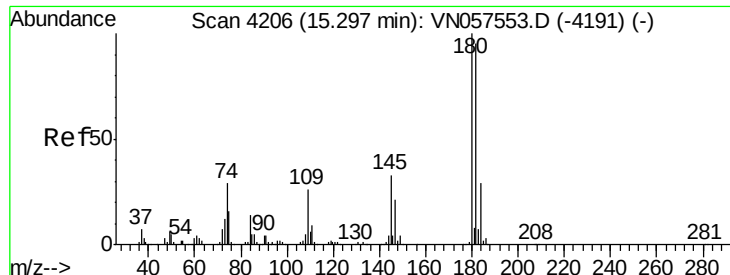
Acq: 30 Aug 2019 17:30

Tgt Ion:	128	Resp:	8009
Ion	Ratio	Lower	Upper
128	100		
127	14.4	10.5	15.7
129	9.4	8.6	13.0



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: 1.176 ug/l
 RT: 15.30 min Scan# 4207
 Delta R.T. 0.00 min
 Lab File: VN057593.D
 Acq: 30 Aug 2019 17:30

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-02-30-32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	110.4	46.7	140.1
145	39.5	16.8	50.3

