

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN051319\
 Data File : VN055573.D
 Acq On : 13 May 2019 12:28
 Operator : JC/SP
 Sample : K2704-01
 Misc : 5.47µ/5mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-2(24.5)

Quant Time: May 14 01:48:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 06:48:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	762971	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1294314	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1134546	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	496794	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	514209	44.76	ug/l	0.00
Spiked Amount			Recovery	=	89.52%	
35) Dibromofluoromethane	7.59	113	399315	47.83	ug/l	0.00
Spiked Amount			Recovery	=	95.66%	
50) Toluene-d8	10.09	98	1594470	49.01	ug/l	0.00
Spiked Amount			Recovery	=	98.02%	
62) 4-Bromofluorobenzene	12.40	95	543797	49.57	ug/l	0.00
Spiked Amount			Recovery	=	99.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.52	94	2131	0.326	ug/l	92
11) Tert butyl alcohol	4.73	59	361	0.213	ug/l #	73
13) Acrolein	3.61	56	629	0.556	ug/l #	32
16) Acetone	3.83	43	2817	0.530	ug/l #	80
18) Methyl Acetate	4.34	43	10047	Below Cal	#	79
20) Methylene Chloride	4.54	84	7069	0.650	ug/l #	86
31) Cyclohexane	7.66	56	22535	1.215	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	58739	4.607	ug/l #	51
38) Carbon Tetrachloride	7.66	117	69884	6.509	ug/l #	16
39) Methylcyclohexane	9.08	83	32105	2.065	ug/l	94
43) Isopropyl Acetate	8.33	43	28414	1.345	ug/l #	63
48) Methyl methacrylate	9.26	41	2241	0.220	ug/l #	49
51) 4-Methyl-2-Pentanone	9.99	43	2921	0.210	ug/l #	65
55) 1,1,2-Trichloroethane	10.53	97	13513	1.474	ug/l #	19
56) Ethyl methacrylate	10.43	69	7281	0.534	ug/l #	42
59) 2-Hexanone	10.72	43	38181	3.917	ug/l #	30
67) Ethyl Benzene	11.51	91	19951	0.455	ug/l	95
69) o-Xylene	11.95	106	5636	0.364	ug/l	76
71) Bromoform	12.40	173	3748	0.691	ug/l #	1
73) Isopropylbenzene	12.25	105	24949	Below Cal		98
74) N-amyl acetate	12.04	43	87835	4.657	ug/l #	62
75) 1,1,2,2-Tetrachloroethane	12.46	83	6033	Below Cal	#	55
76) 1,2,3-Trichloropropane	12.40	75	268076	19.822	ug/l #	100
78) n-propylbenzene	12.59	91	60091	1.128	ug/l	97
79) 2-Chlorotoluene	12.59	91	60091	1.810	ug/l #	43
81) trans-1,4-Dichloro-2-buten	12.40	75	268076	73.139	ug/l #	8
84) 1,2,4-Trimethylbenzene	13.04	105	43848	1.203	ug/l	97
85) sec-Butylbenzene	13.17	105	181963	4.020	ug/l	87
86) p-Isopropyltoluene	13.29	119	27456	0.745	ug/l	95
89) n-Butylbenzene	13.61	91	120669	4.226	ug/l #	83
90) Hexachloroethane	13.89	117	25937	4.317	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.29	75	1819	0.796	ug/l #	4
93) 1,2,4-Trichlorobenzene	14.91	180	4184	3.737	ug/l #	1
94) Hexachlorobutadiene	15.01	225	1509	Below Cal		89

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QLast Update : Fri May 10 06:48:32 2019
Response via : Initial Calibration

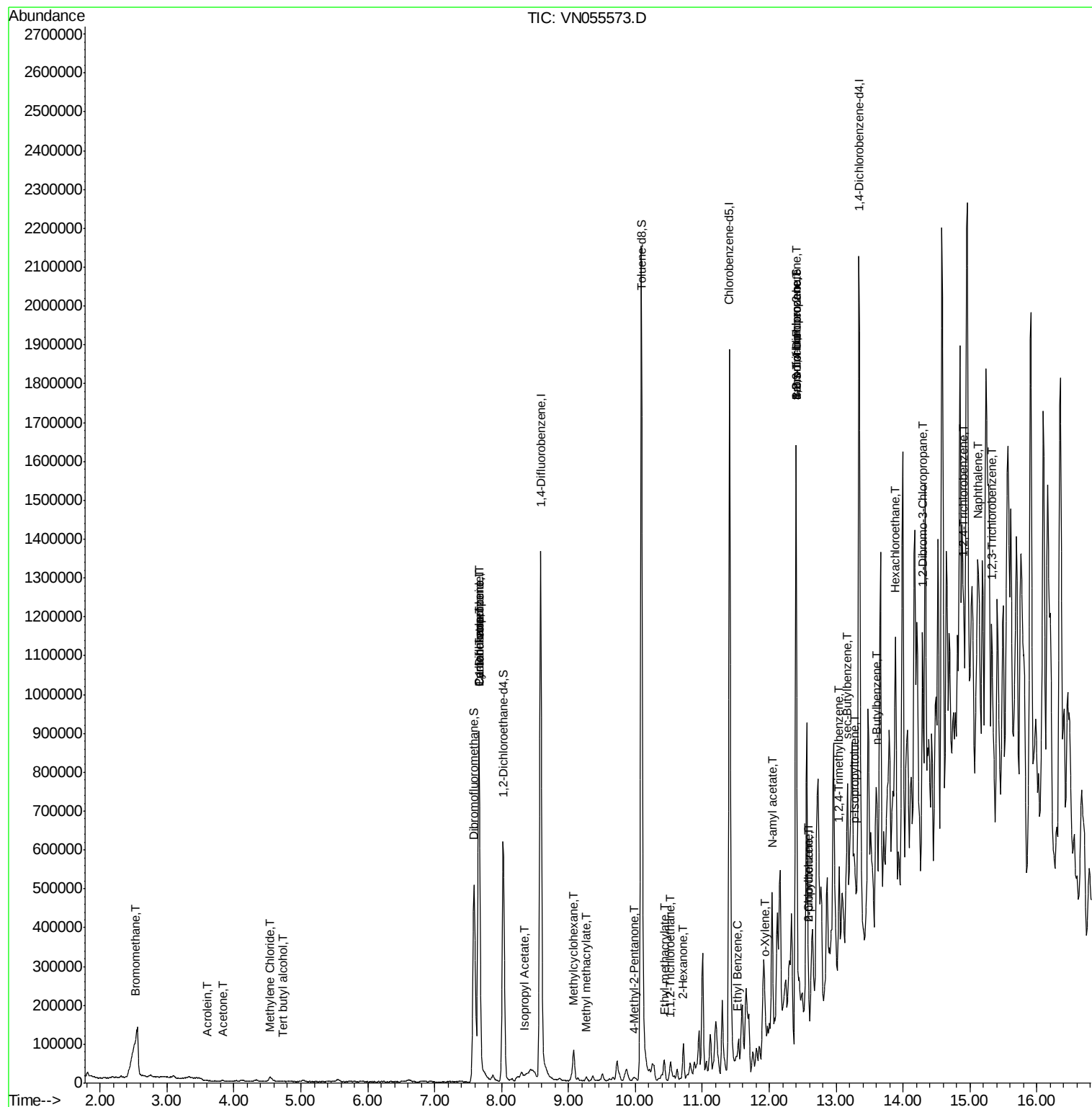
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.13	128	201261	12.083	ug/l #	84
96) 1,2,3-Trichlorobenzene	15.32	180	5785	3.113	ug/l #	70

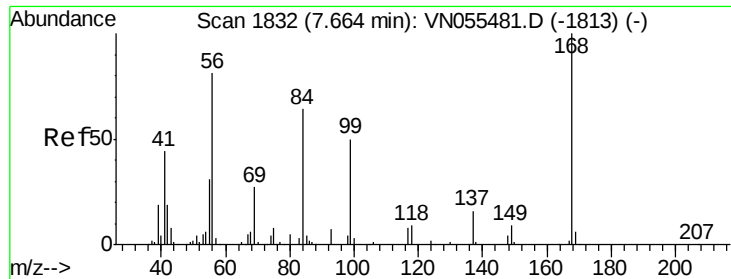
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN055573.D

Acq: 13 May 2019 12:28

Instrument :

MSVOA_N

ClientSampleId :

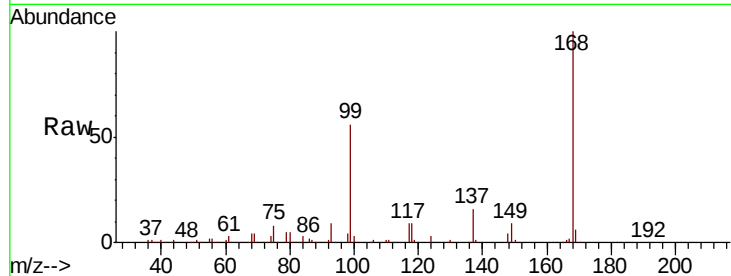
SB-2(24.5)

Tot Ion:168 Resp: 762971

Ion Ratio Lower Upper

168 100

99 56.0 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

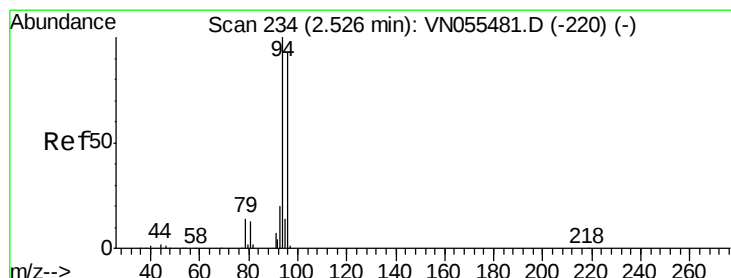
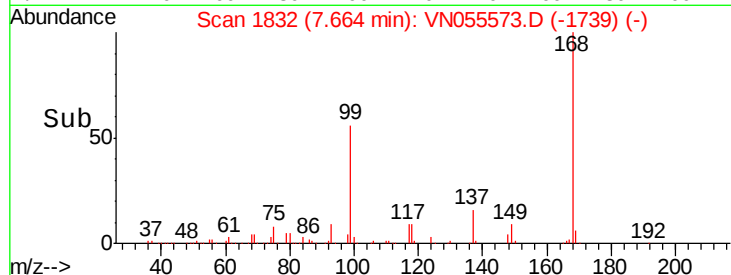
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#5

Bromomethane

Concen: 0.326 ug/l

RT: 2.52 min Scan# 231

Delta R.T. -0.01 min

Lab File: VN055573.D

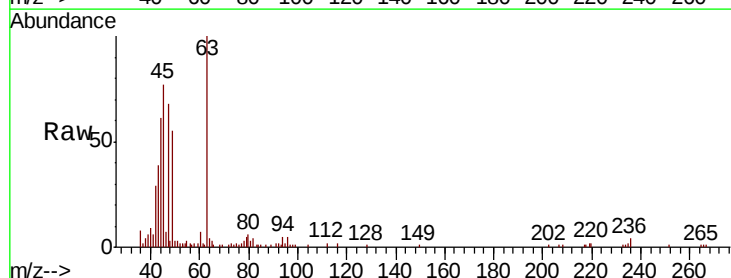
Acq: 13 May 2019 12:28

Tgt Ion: 94 Resp: 2131

Ion Ratio Lower Upper

94 100

96 101.6 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VN

Ion 95.90 (95.60 to 96.60): VN

2.52

1000

800

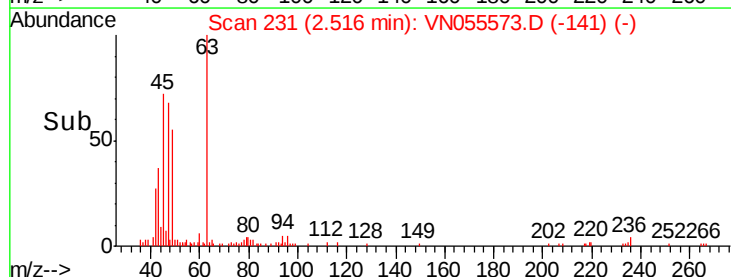
600

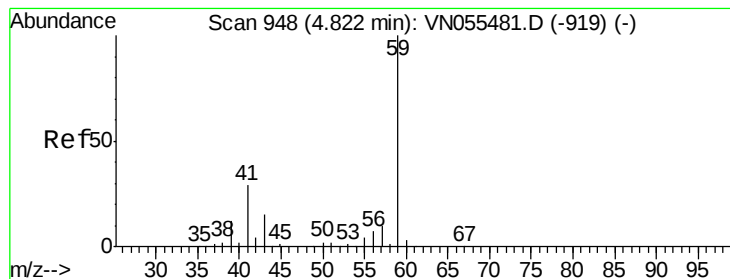
400

200

0

Time--> 2.45 2.50 2.55



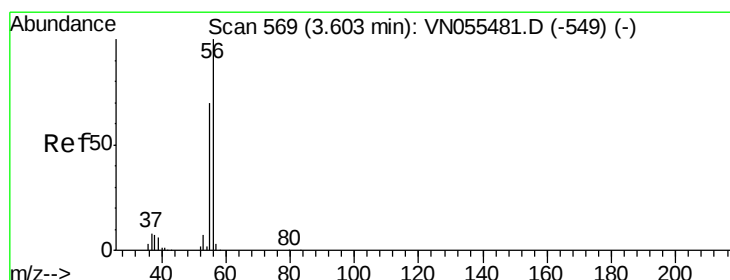
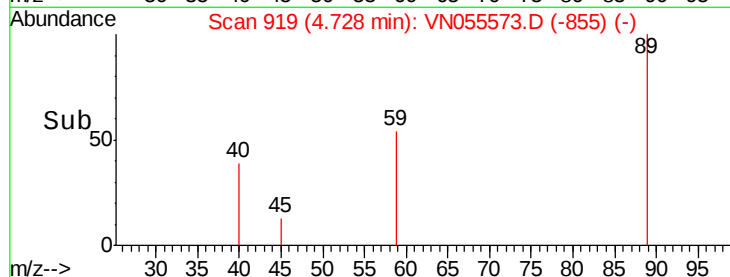
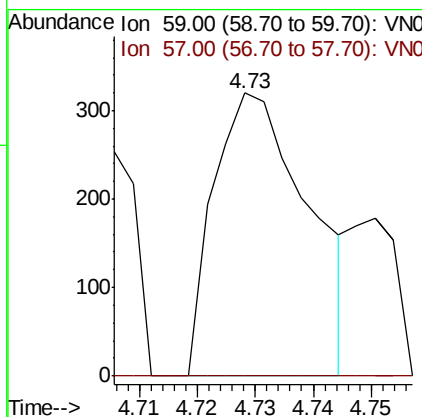
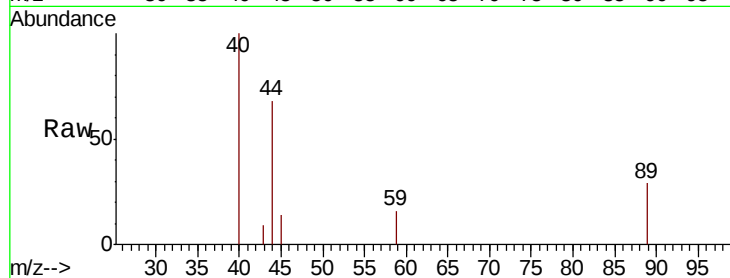


#11

Tert butyl alcohol
 Concen: 0.213 ug/l
 RT: 4.73 min Scan# 919
 Delta R.T. -0.09 min
 Lab File: VN055573.D
 Acq: 13 May 2019 12:28

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-2(24.5)

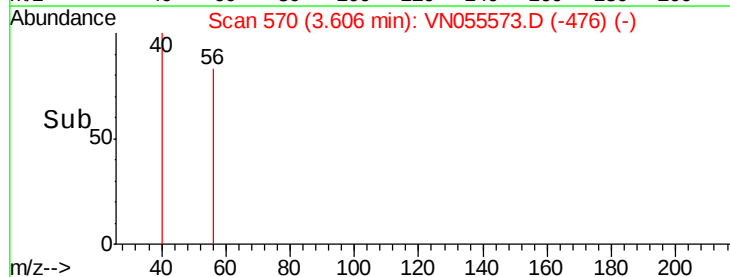
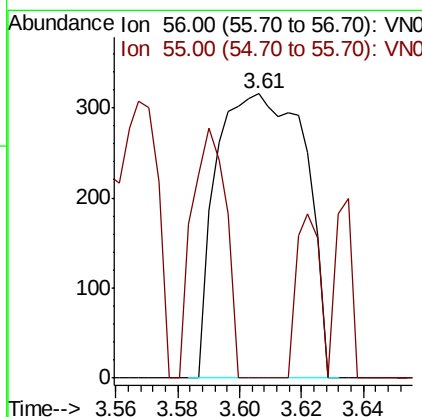
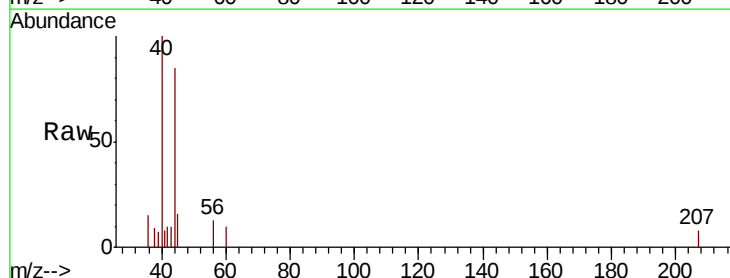
Tot Ion: 59 Resp: 361
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.0 12.0#

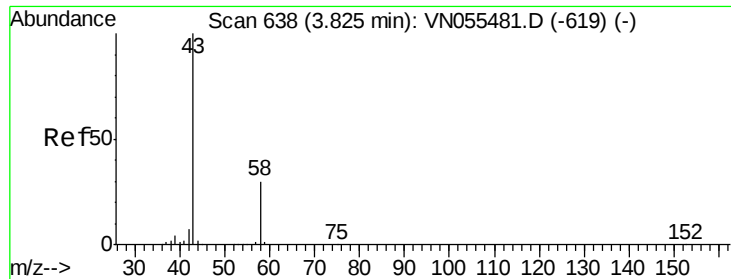


#13

Acrolein
 Concen: 0.556 ug/l
 RT: 3.61 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: VN055573.D
 Acq: 13 May 2019 12:28

Tgt Ion: 56 Resp: 629
 Ion Ratio Lower Upper
 56 100
 55 15.3 57.7 86.5#





#16

Acetone

Concen: 0.530 ug/l

RT: 3.83 min Scan# 641

Delta R.T. 0.01 min

Lab File: VN055573.D

Acq: 13 May 2019 12:28

Instrument :

MSVOA_N

ClientSampleId :

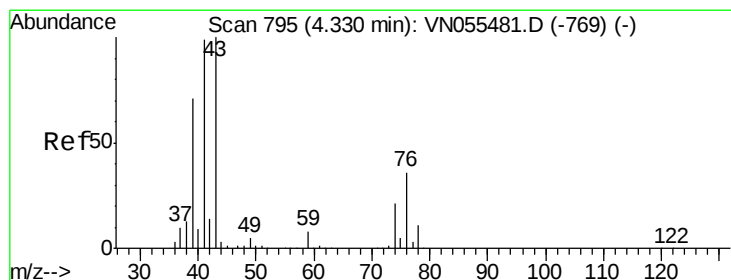
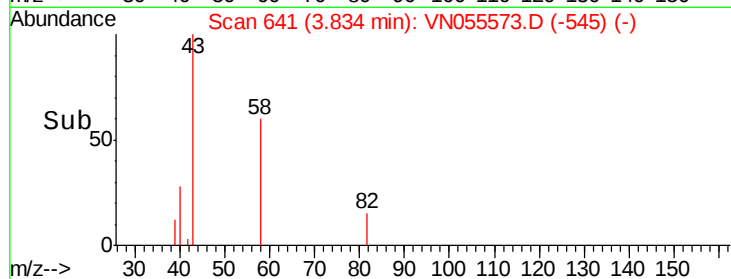
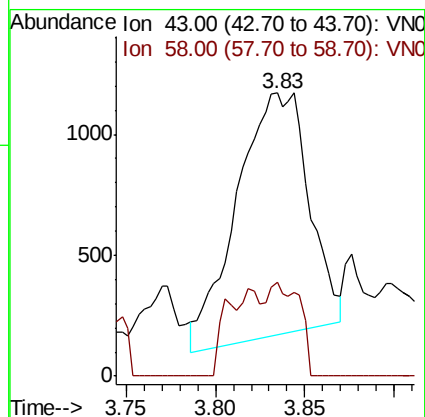
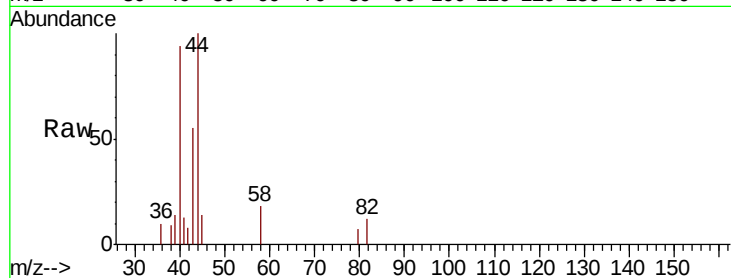
SB-2(24.5)

Tot Ion: 43 Resp: 2817

Ion Ratio Lower Upper

43 100

58 41.3 24.2 36.2#



#18

Methyl Acetate

Concen: Below Cal

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN055573.D

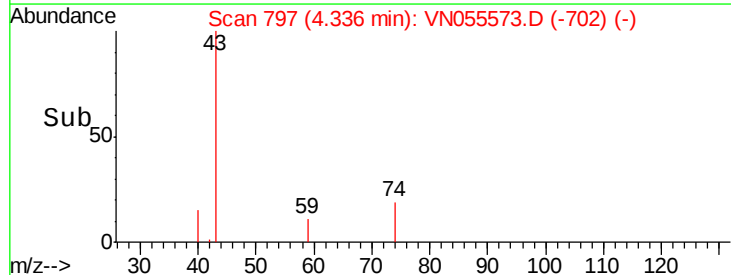
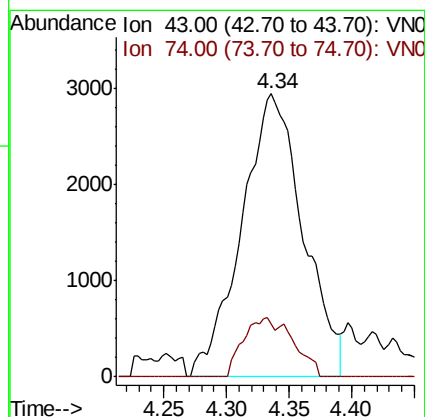
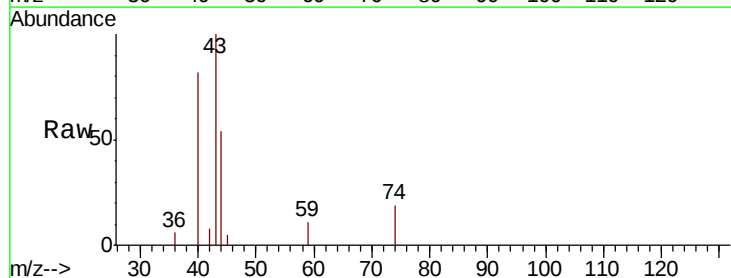
Acq: 13 May 2019 12:28

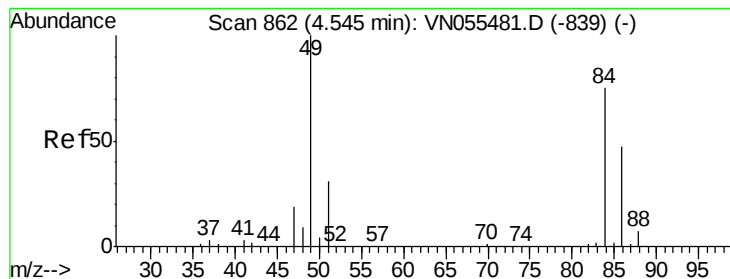
Tgt Ion: 43 Resp: 10047

Ion Ratio Lower Upper

43 100

74 10.5 16.3 24.5#





#20

Methvlene Chloride

Concen: 0.650 ug/l

RT: 4.54 min Scan# 861

Delta R.T. -0.00 min

Lab File: VN055573.D

Acq: 13 May 2019 12:28

Instrument :

MSVOA_N

ClientSampleId :

SB-2(24.5)

Tot Ion: 84 Resp: 7069

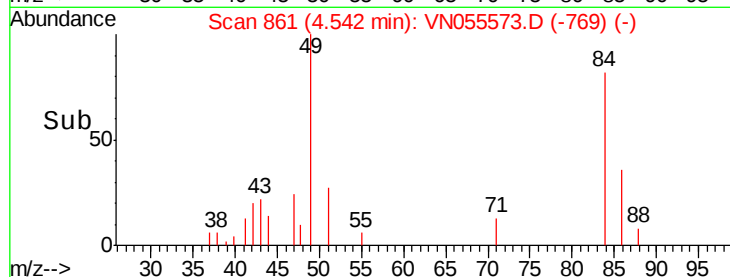
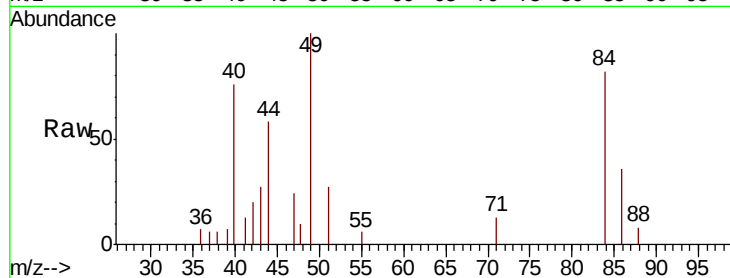
Ion Ratio Lower Upper

84 100

49 122.3 107.0 160.6

51 33.5 33.0 49.4

86 44.6 50.6 76.0#

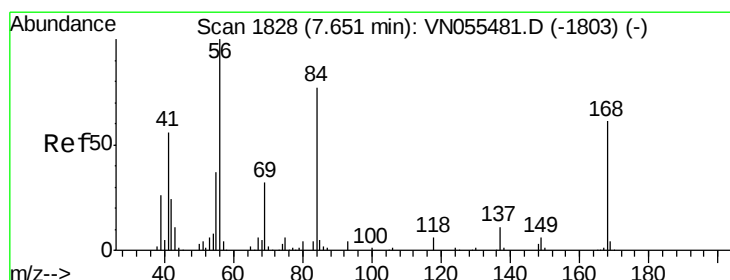
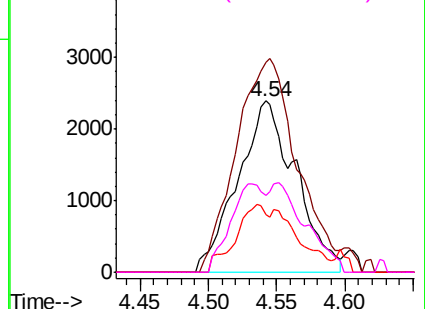


Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO



#31

Cyclohexane

Concen: 1.215 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.01 min

Lab File: VN055573.D

Acq: 13 May 2019 12:28

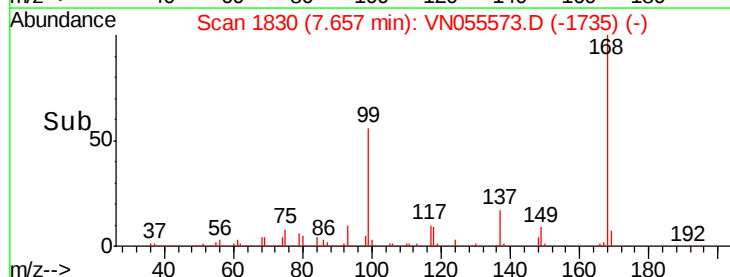
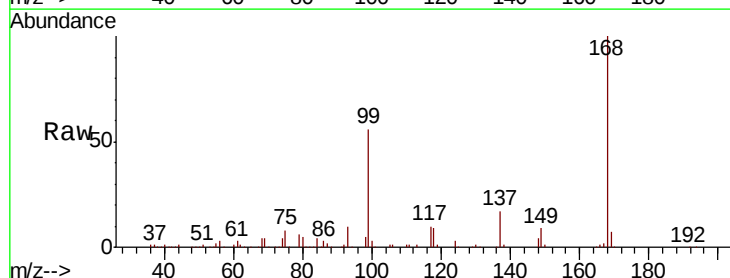
Tgt Ion: 56 Resp: 22535

Ion Ratio Lower Upper

56 100

69 156.2 26.0 39.0#

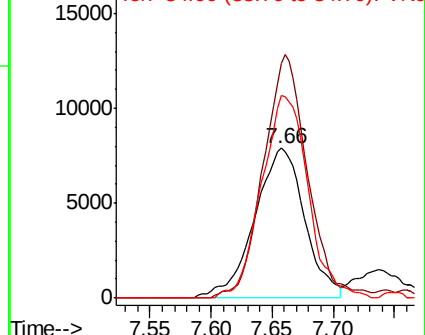
84 134.8 61.9 92.9#

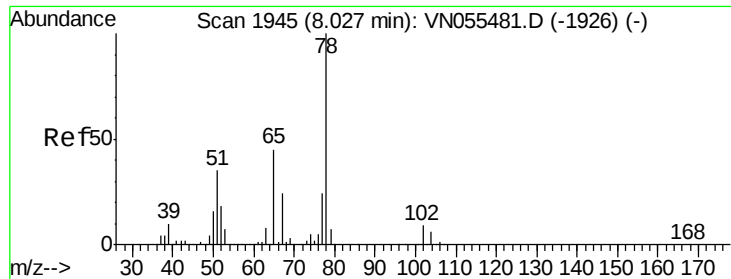


Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 69.00 (68.70 to 69.70): VNO

Ion 84.00 (83.70 to 84.70): VNO

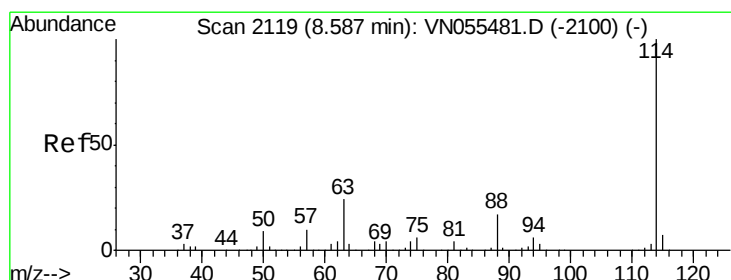
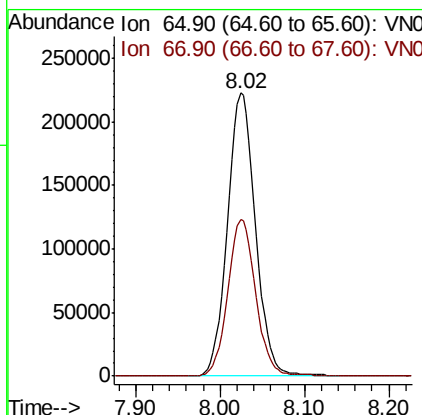
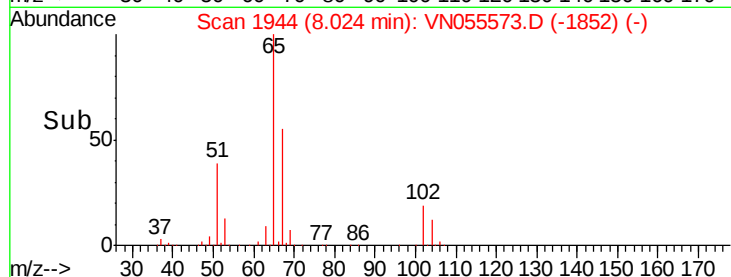
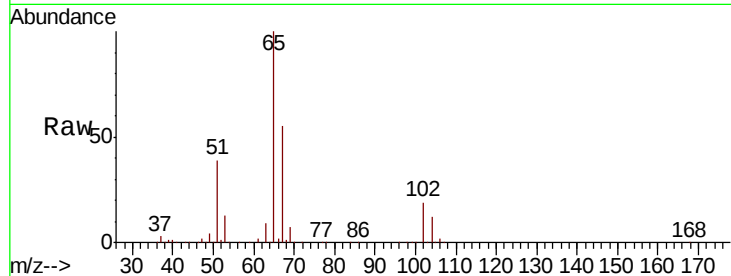




#33
 1,2-Dichloroethane-d4
 Concen: 44.761 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VN055573.D
 Acq: 13 May 2019 12:28

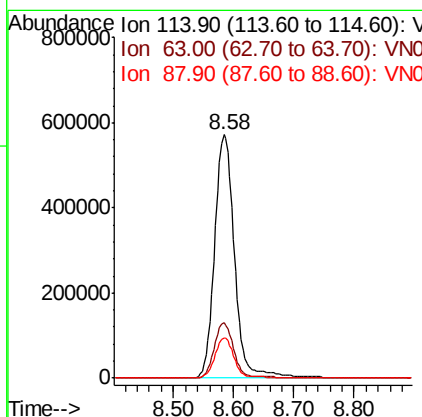
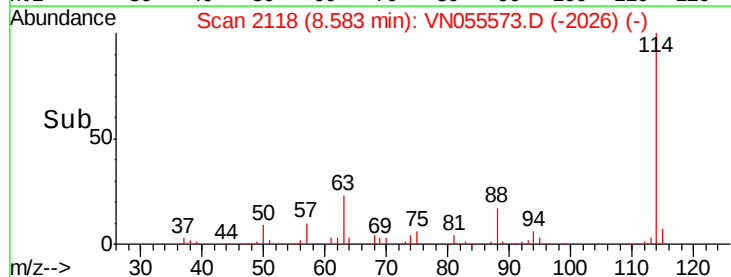
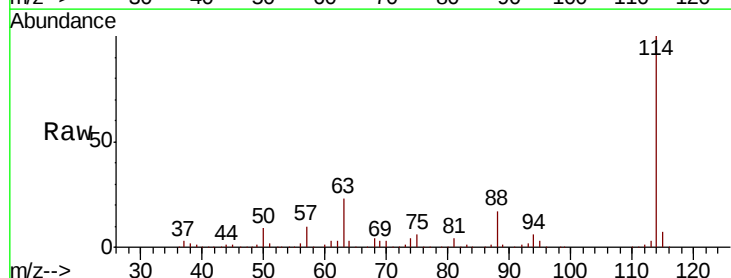
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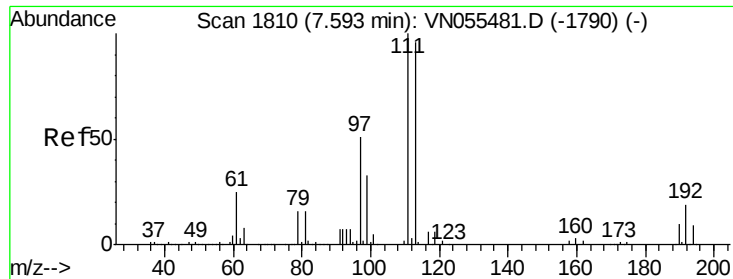
Tot Ion: 65 Resp: 514209
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN055573.D
 Acq: 13 May 2019 12:28

Tgt Ion: 114 Resp: 1294314
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 47.4
 88 16.5 0.0 34.0

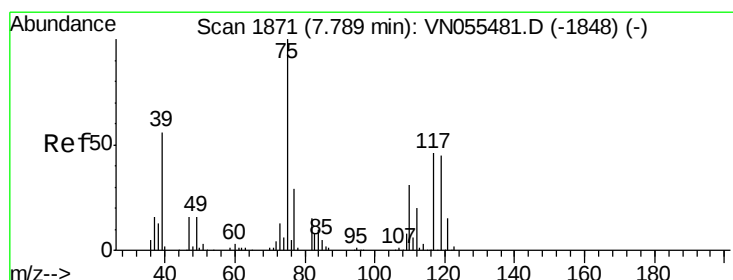
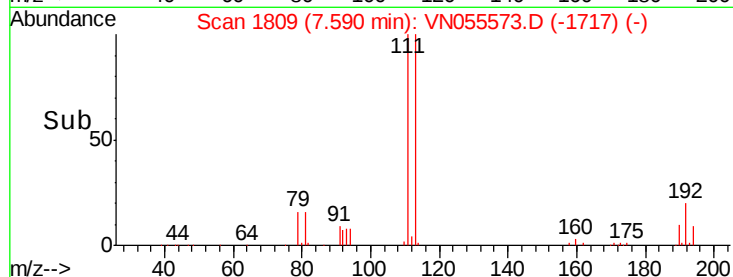
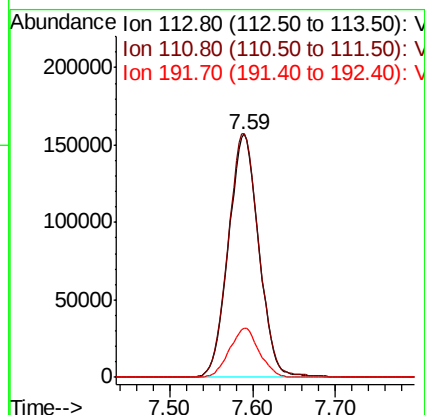
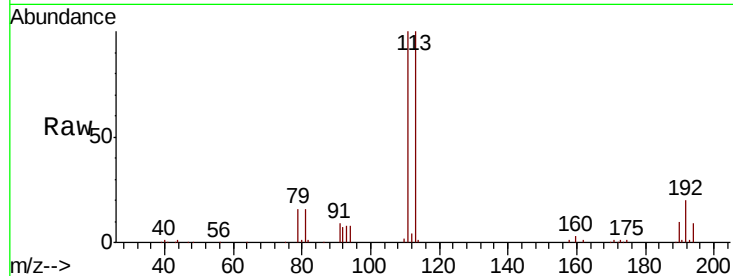




#35
 Dibromofluoromethane
 Concen: 47.826 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN055573.D
 Acq: 13 May 2019 12:28

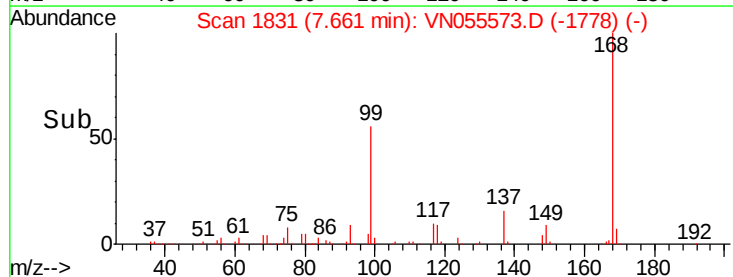
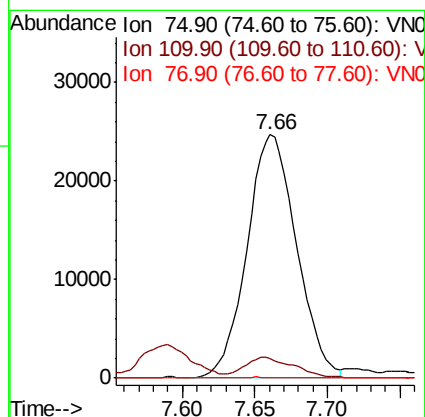
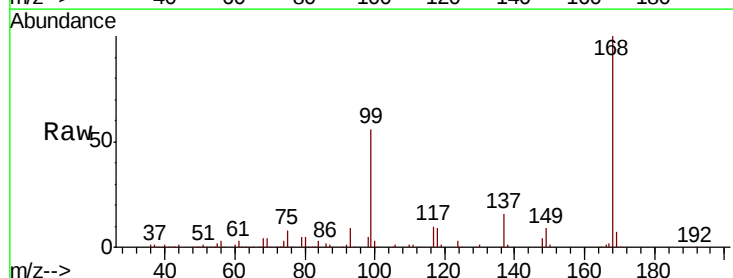
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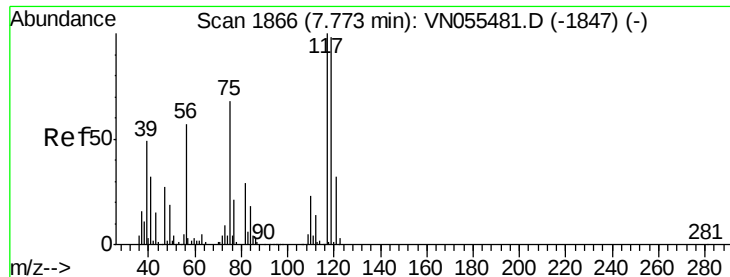
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.1	82.9	124.3
192	19.8	15.6	23.4



#36
 1,1-Dichloropropene
 Concen: 4.607 ug/l
 RT: 7.66 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN055573.D
 Acq: 13 May 2019 12:28

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.7	16.1	48.3#
77	0.1	24.6	37.0#





#38

Carbon Tetrachloride

Concen: 6.509 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.11 min

Lab File: VN055573.D

Acq: 13 May 2019 12:28

Instrument :

MSVOA_N

ClientSampleId :

SB-2(24.5)

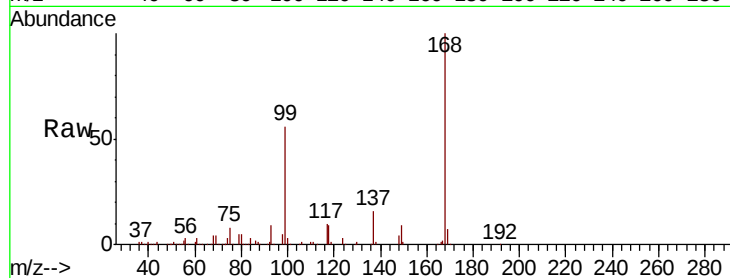
Tot Ion:117 Resp: 69884

Ion Ratio Lower Upper

117 100

119 6.2 77.8 116.6#

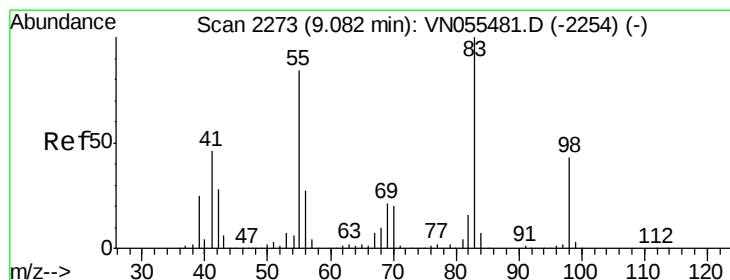
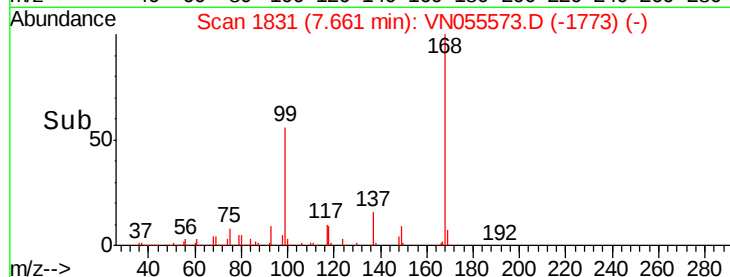
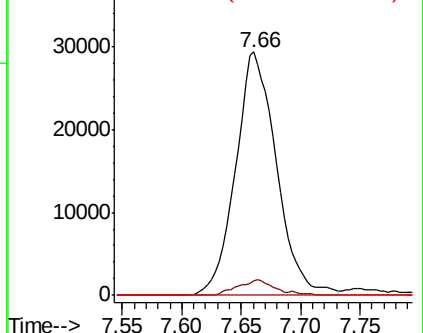
121 0.0 25.2 37.8#



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



#39

Methylcyclohexane

Concen: 2.065 ug/l

RT: 9.08 min Scan# 2272

Delta R.T. -0.00 min

Lab File: VN055573.D

Acq: 13 May 2019 12:28

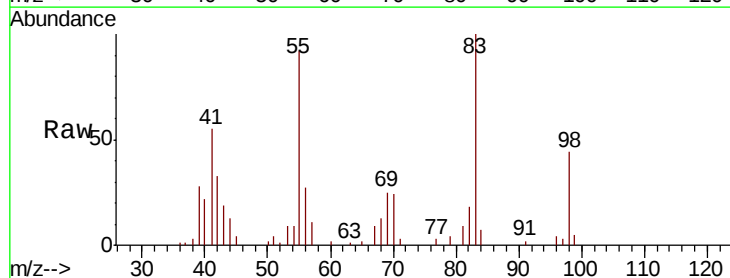
Tgt Ion: 83 Resp: 32105

Ion Ratio Lower Upper

83 100

55 90.5 67.0 100.4

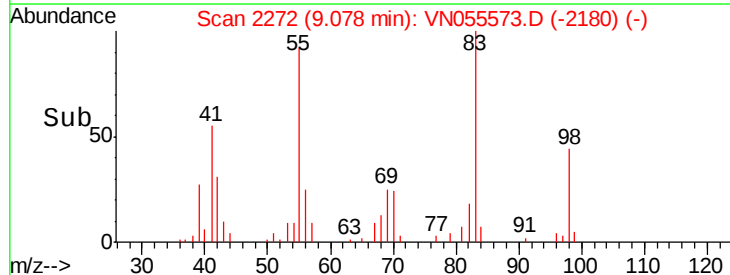
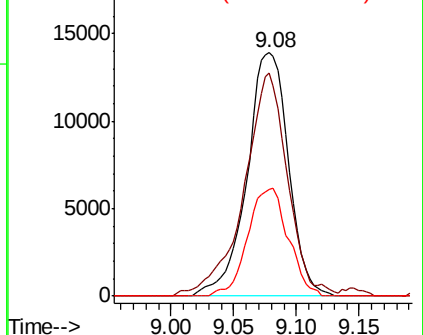
98 43.9 34.2 51.4

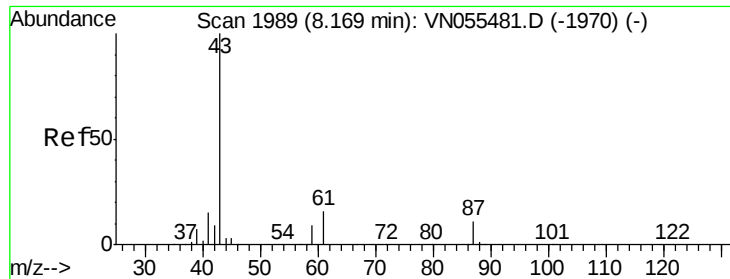


Abundance Ion 83.00 (82.70 to 83.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 98.00 (97.70 to 98.70): VNO





#43

Isopropyl Acetate

Concen: 1.345 ug/l

RT: 8.33 min Scan# 2040

Delta R.T. 0.16 min

Lab File: VN055573.D

Acq: 13 May 2019 12:28

Instrument :

MSVOA_N

ClientSampleId :

SB-2(24.5)

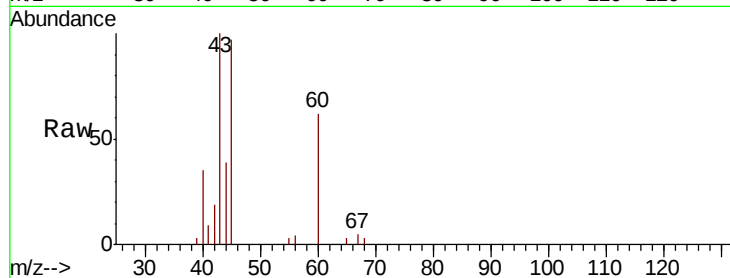
Tot Ion: 43 Resp: 28414

Ion Ratio Lower Upper

43 100

61 0.0 15.1 22.7#

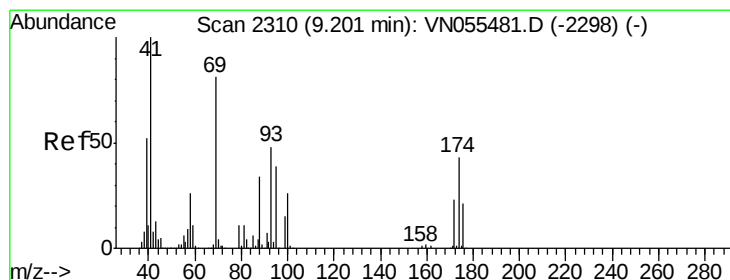
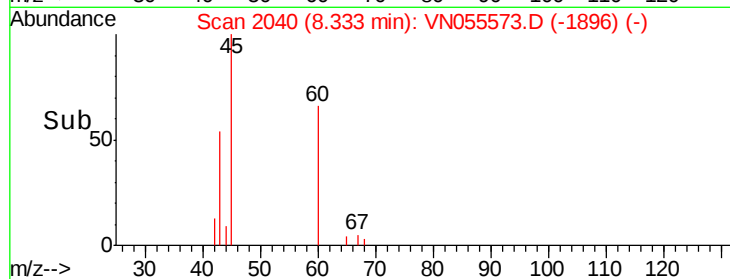
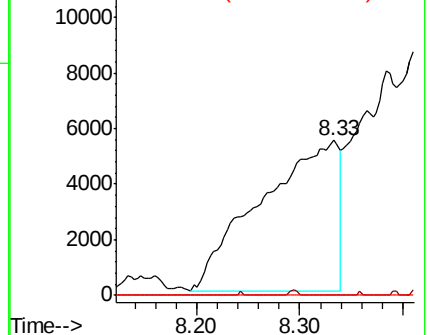
87 0.0 9.0 13.6#



Abundance Ion 43.00 (42.70 to 43.70): VN055573.D (-2040) (-)

Ion 61.00 (60.70 to 61.70): VN055573.D (-2040) (-)

Ion 87.00 (86.70 to 87.70): VN055573.D (-2040) (-)



#48

Methyl methacrylate

Concen: 0.220 ug/l

RT: 9.26 min Scan# 2330

Delta R.T. 0.06 min

Lab File: VN055573.D

Acq: 13 May 2019 12:28

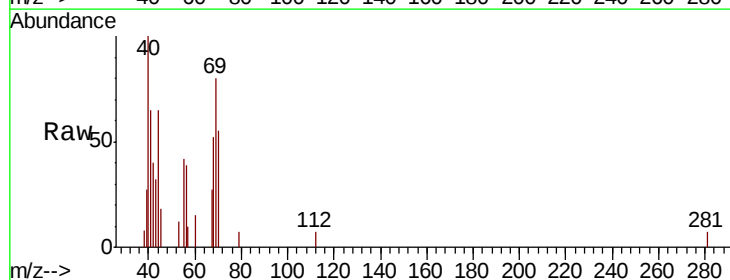
Tgt Ion: 41 Resp: 2241

Ion Ratio Lower Upper

41 100

69 151.5 64.2 96.2#

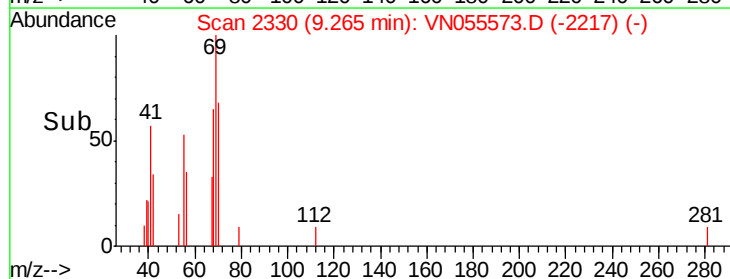
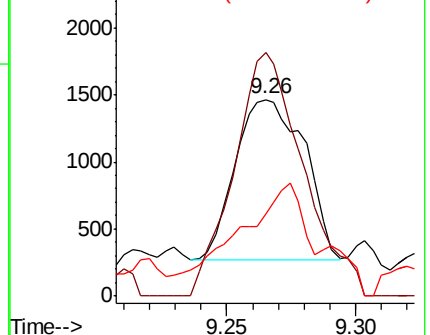
39 48.5 41.6 62.4

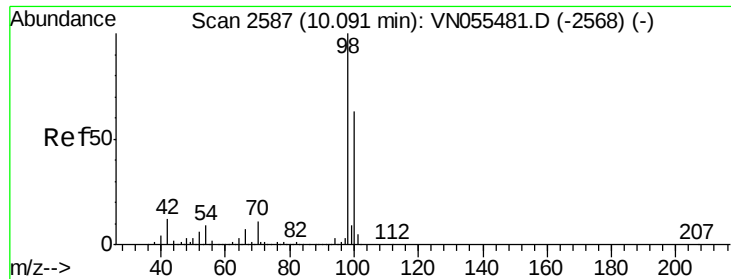


Abundance Ion 41.00 (40.70 to 41.70): VN055573.D (-2330) (-)

Ion 69.00 (68.70 to 69.70): VN055573.D (-2330) (-)

Ion 39.00 (38.70 to 39.70): VN055573.D (-2330) (-)





#50

Toluene-d8

Concen: 49.005 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN055573.D

Acq: 13 May 2019 12:28

Instrument :

MSVOA_N

ClientSampleId :

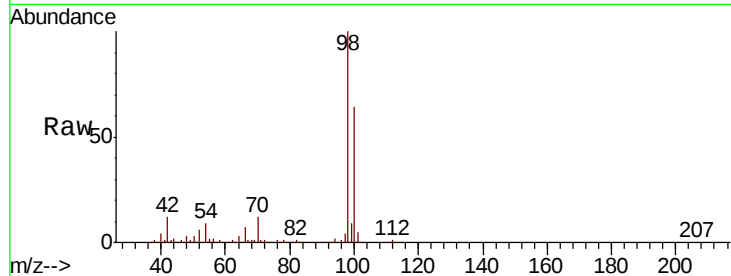
SB-2(24.5)

Tot Ion: 98 Resp: 1594470

Ion Ratio Lower Upper

98 100

100 63.9 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN055481.D (-2568) (-)

Ion 100.00 (99.70 to 100.70): VN055481.D (-2568) (-)

10.09

800000

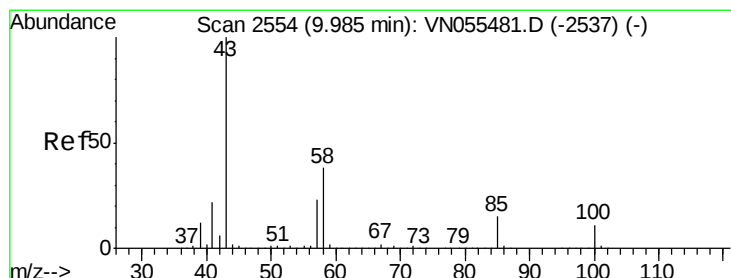
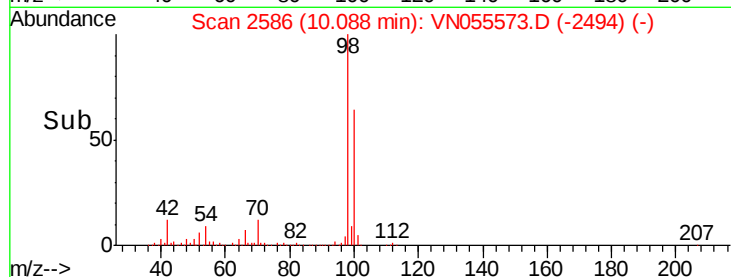
600000

400000

200000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.210 ug/l

RT: 9.99 min Scan# 2556

Delta R.T. 0.01 min

Lab File: VN055573.D

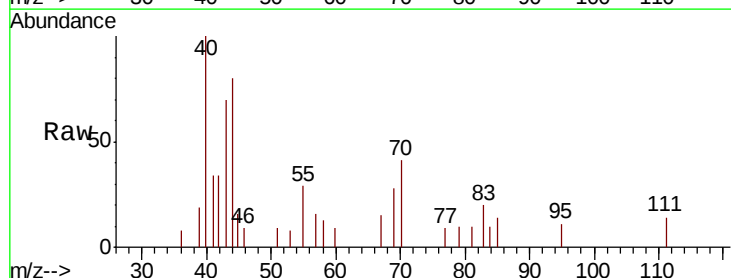
Acq: 13 May 2019 12:28

Tgt Ion: 43 Resp: 2921

Ion Ratio Lower Upper

43 100

58 16.7 29.9 44.9#



Abundance Ion 43.00 (42.70 to 43.70): VN055481.D (-2537) (-)

Ion 58.00 (57.70 to 58.70): VN055481.D (-2537) (-)

8000

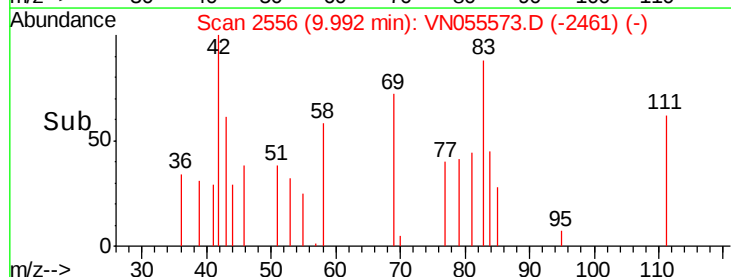
6000

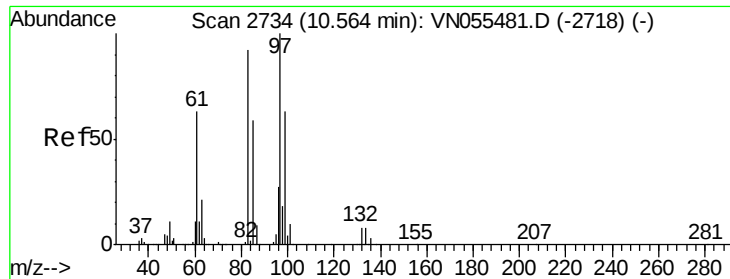
4000

2000

0

Time-->

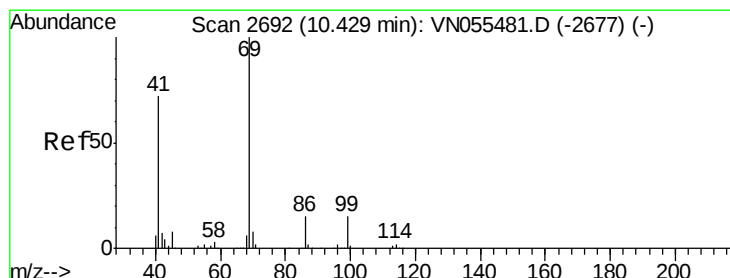
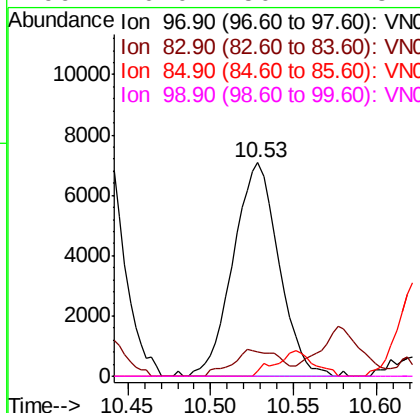
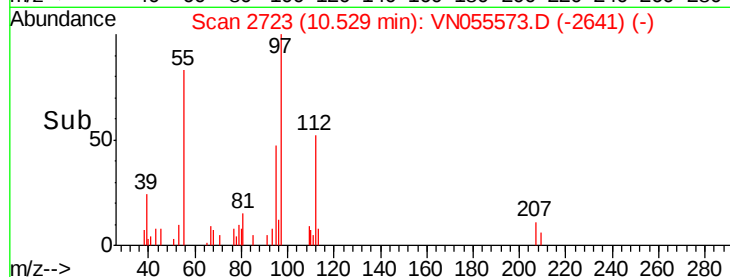
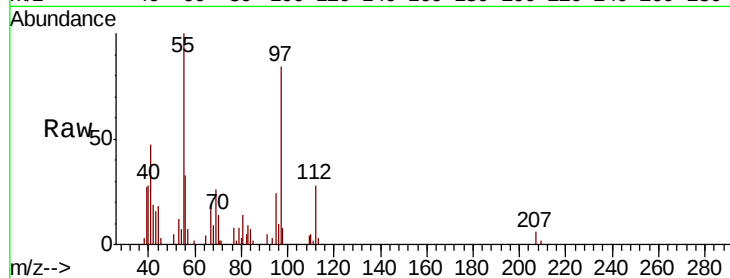




#55
 1,1,2-Trichloroethane
 Concen: 1.474 ug/l
 RT: 10.53 min Scan# 2723
 Delta R.T. -0.04 min
 Lab File: VN055573.D
 Acq: 13 May 2019 12:28

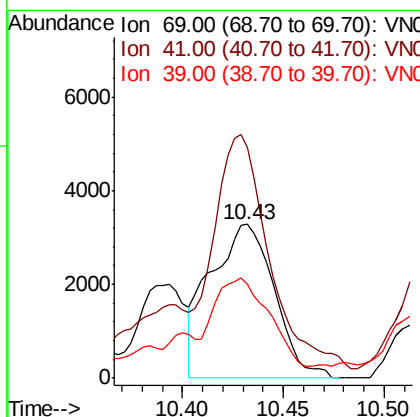
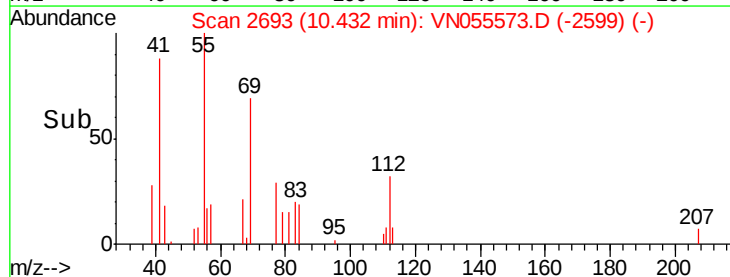
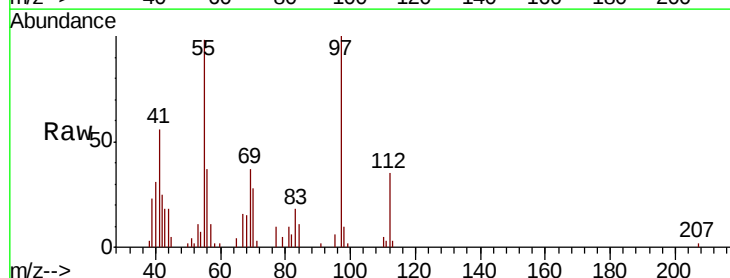
Instrument :
 MSVOA_N
 ClientSampleId :
 SB-2(24.5)

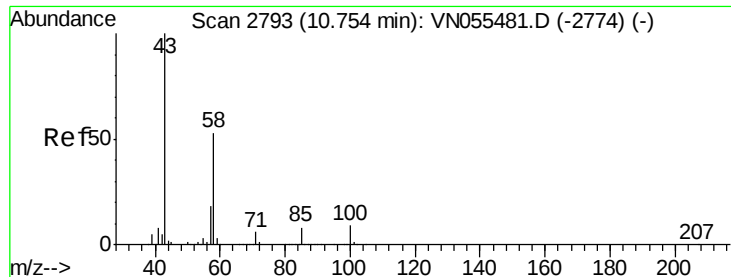
Tot Ion: 97 Resp: 13513
 Ion Ratio Lower Upper
 97 100
 83 11.2 73.2 109.8#
 85 2.2 47.5 71.3#
 99 0.0 50.2 75.2#



#56
 Ethyl methacrylate
 Concen: 0.534 ug/l
 RT: 10.43 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN055573.D
 Acq: 13 May 2019 12:28

Tgt Ion: 69 Resp: 7281
 Ion Ratio Lower Upper
 69 100
 41 131.8 56.2 84.2#
 39 48.7 27.8 41.6#

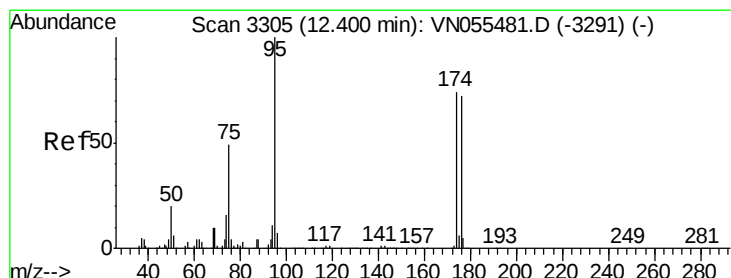
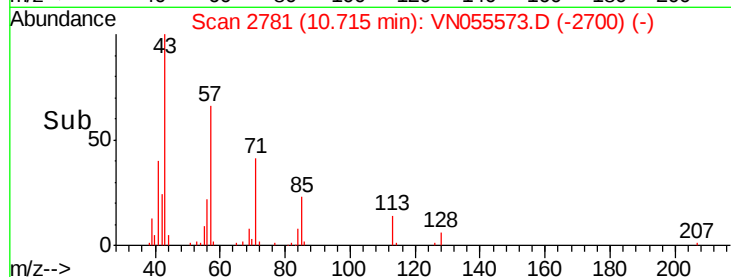
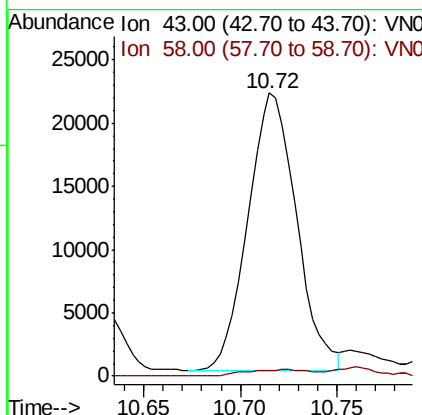
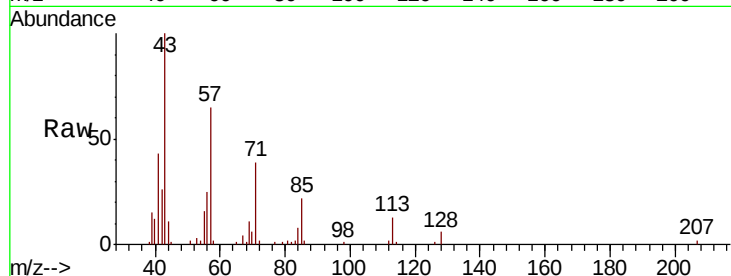




#59
2-Hexanone
Concen: 3.917 ug/l
RT: 10.72 min Scan# 2781
Delta R.T. -0.04 min
Lab File: VN055573.D
Acq: 13 May 2019 12:28

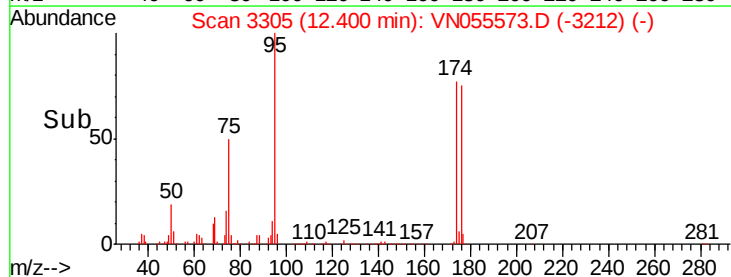
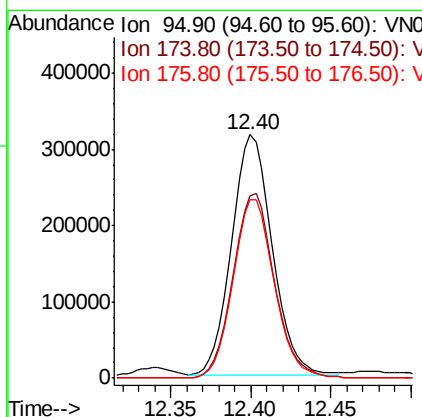
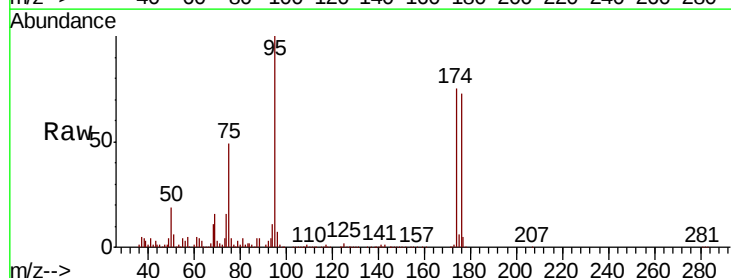
Instrument :
MSVOA_N
ClientSampleId :
SB-2(24.5)

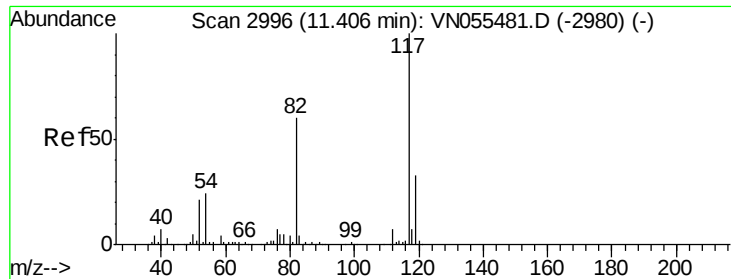
Tot Ion: 43 Resp: 38181
Ion Ratio Lower Upper
43 100
58 3.0 26.4 79.0#



#62
4-Bromofluorobenzene
Concen: 49.567 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN055573.D
Acq: 13 May 2019 12:28

Tgt Ion: 95 Resp: 543797
Ion Ratio Lower Upper
95 100
174 78.6 0.0 152.2
176 75.6 0.0 147.8

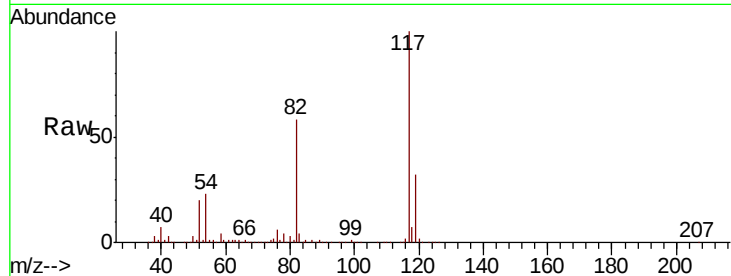




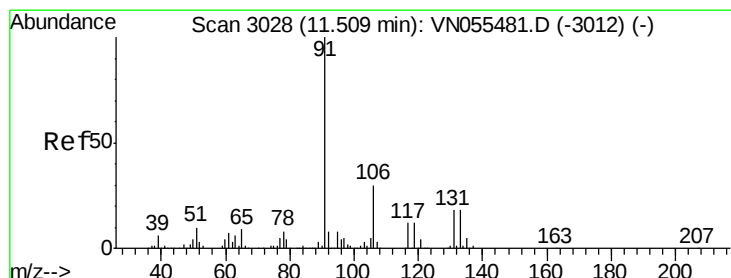
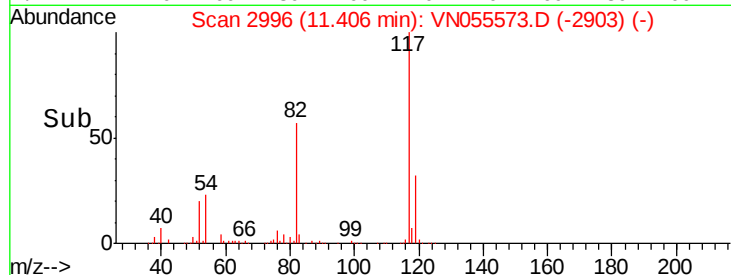
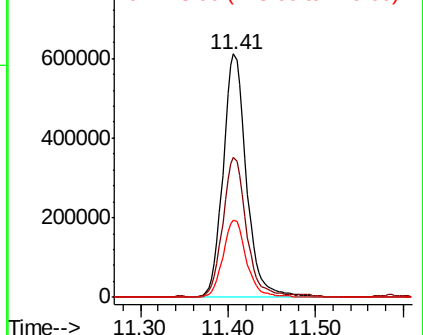
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055573.D
Acq: 13 May 2019 12:28

Instrument :
MSVOA_N
ClientSampleId :
SB-2(24.5)

Tot Ion:117 Resp: 1134546
Ion Ratio Lower Upper
117 100
82 57.3 48.0 72.0
119 31.8 26.0 39.0

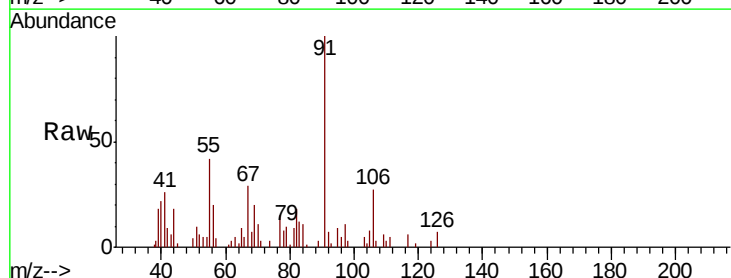


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

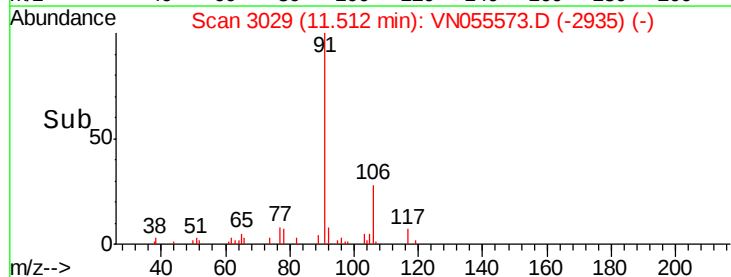
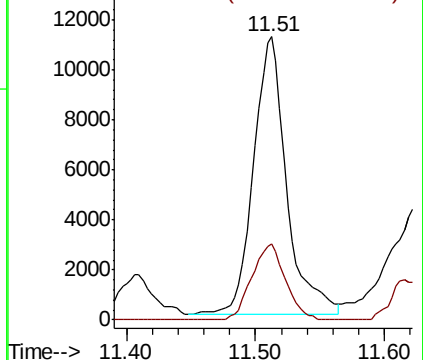


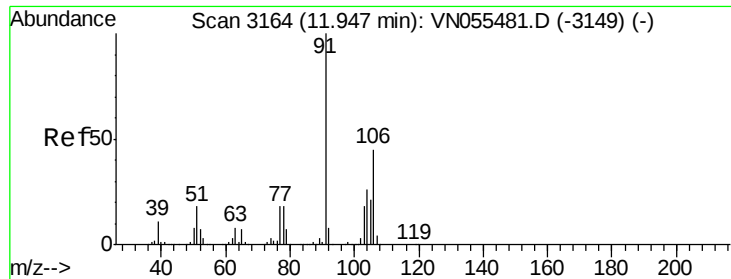
#67
Ethyl Benzene
Concen: 0.455 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN055573.D
Acq: 13 May 2019 12:28

Tgt Ion: 91 Resp: 19951
Ion Ratio Lower Upper
91 100
106 27.2 23.8 35.6



Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 106.00 (105.70 to 106.70): V

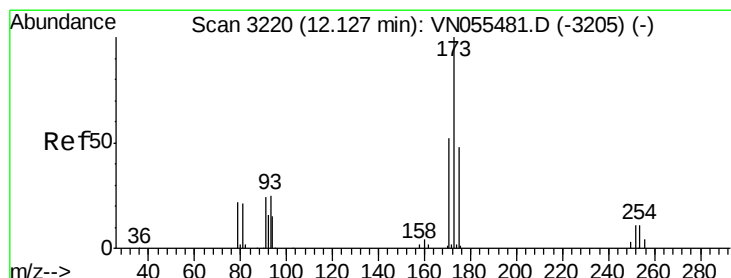
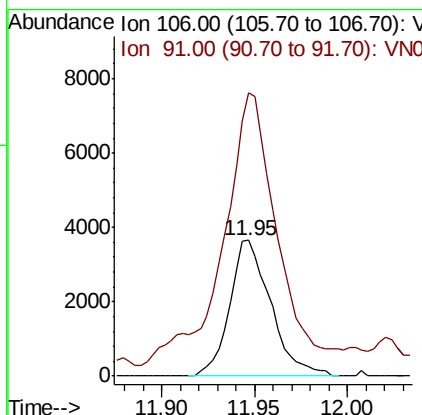
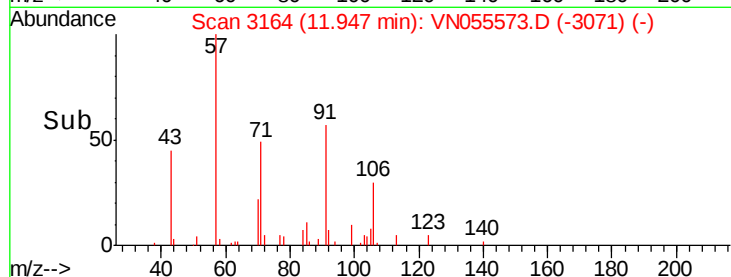
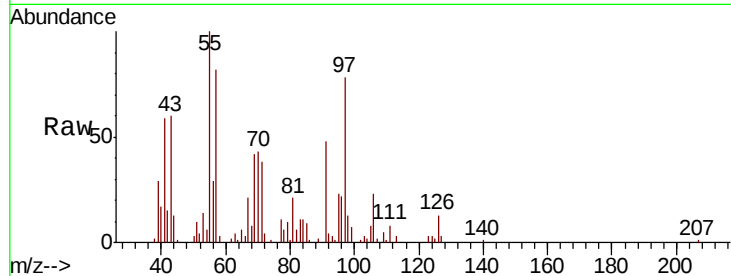




#69
o-Xylene
Concen: 0.364 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN055573.D
Acq: 13 May 2019 12:28

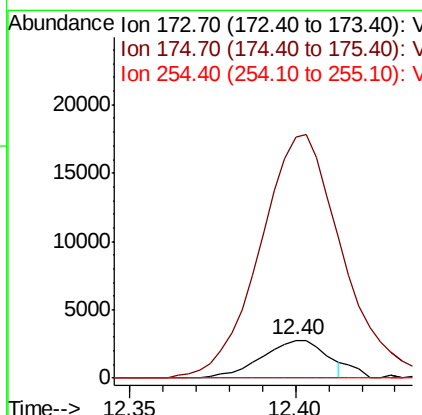
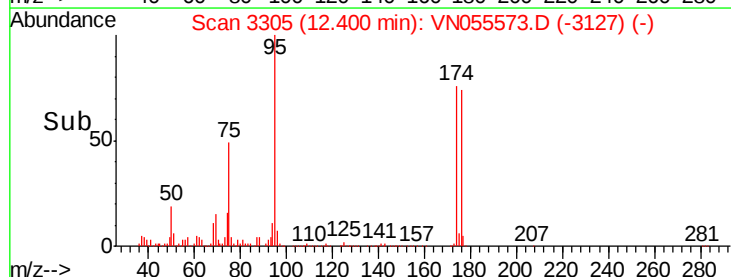
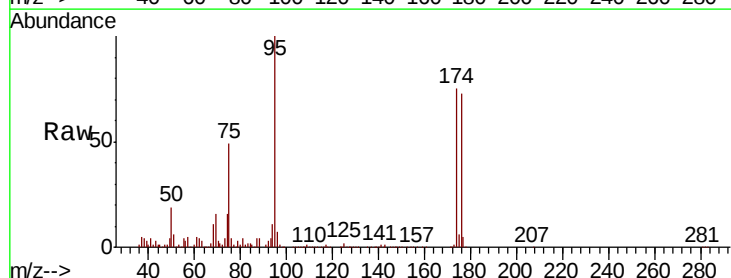
Instrument :
MSVOA_N
ClientSampleId :
SB-2(24.5)

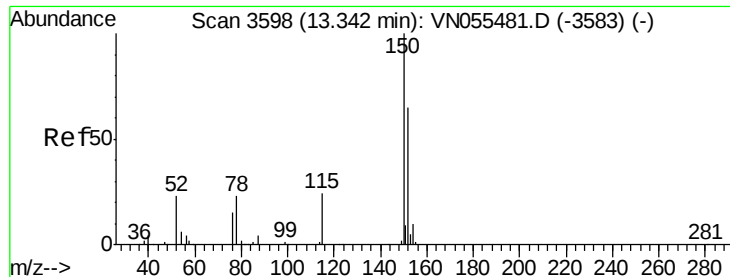
Tot Ion:106 Resp: 5636
Ion Ratio Lower Upper
106 100
91 260.7 111.3 333.8



#71
Bromoform
Concen: 0.691 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN055573.D
Acq: 13 May 2019 12:28

Tgt Ion:173 Resp: 3748
Ion Ratio Lower Upper
173 100
175 698.9 24.1 72.4#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN055573.D

Acq: 13 May 2019 12:28

Instrument :

MSVOA_N

ClientSampleId :

SB-2(24.5)

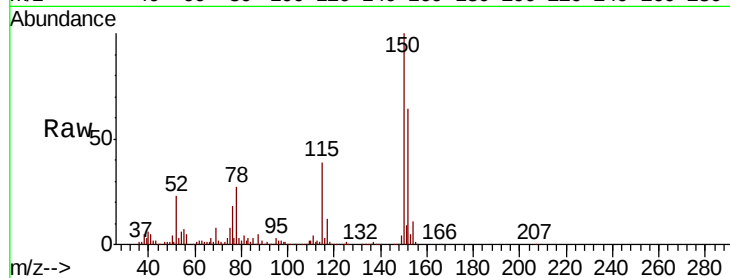
Tot Ion:152 Resp: 496794

Ion Ratio Lower Upper

152 100

115 60.4 30.1 90.5

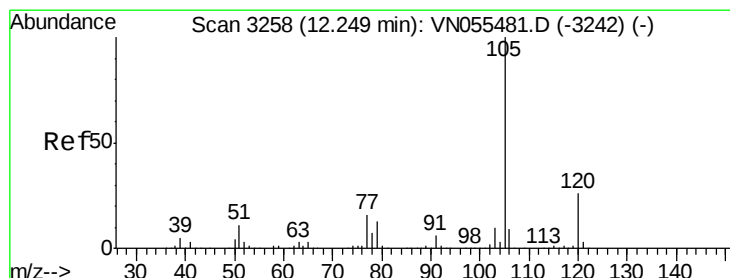
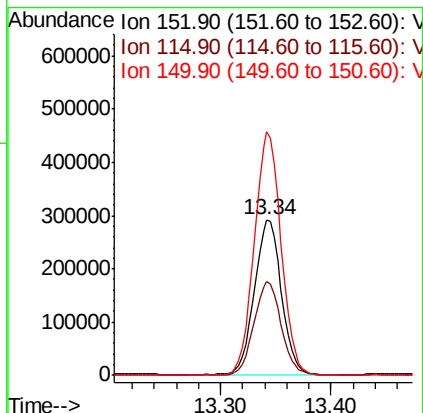
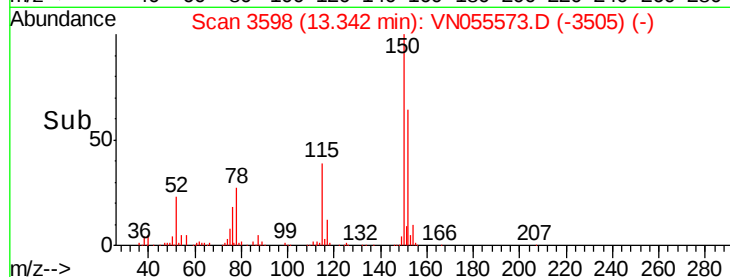
150 154.3 0.0 355.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: Below Cal

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055573.D

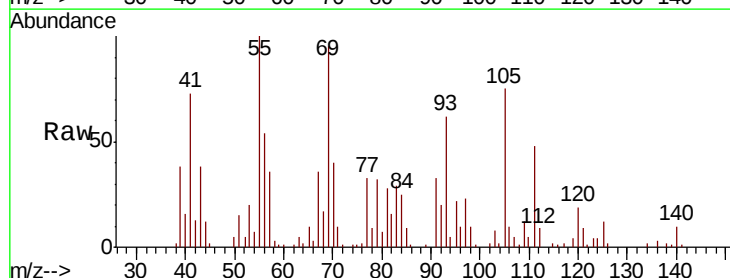
Acq: 13 May 2019 12:28

Tgt Ion:105 Resp: 24949

Ion Ratio Lower Upper

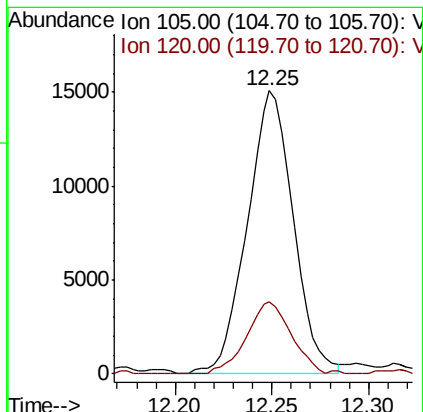
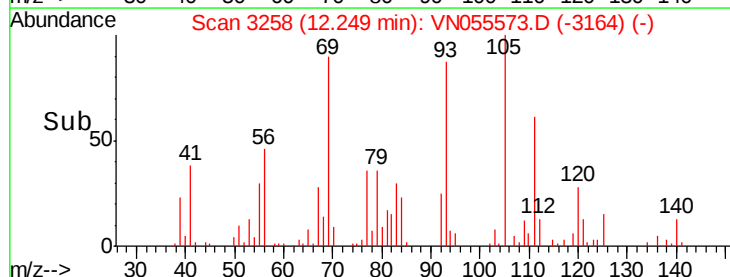
105 100

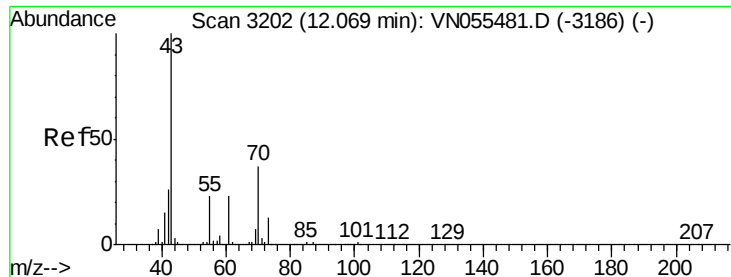
120 24.8 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 4.657 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.03 min

Lab File: VN055573.D

Acq: 13 May 2019 12:28

Instrument :

MSVOA_N

ClientSampleId :

SB-2(24.5)

Tot Ion: 43 Resp: 87835

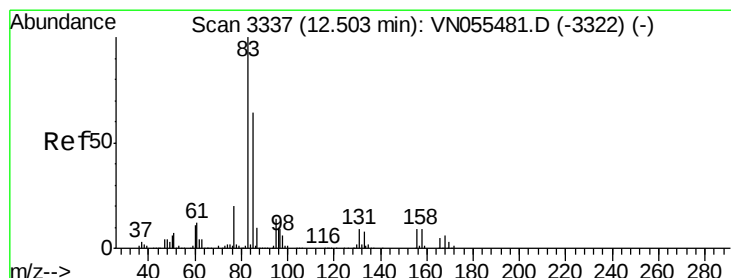
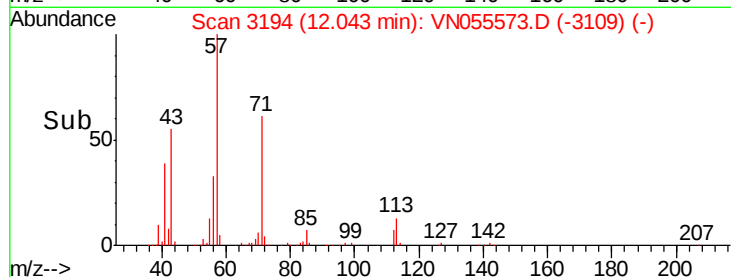
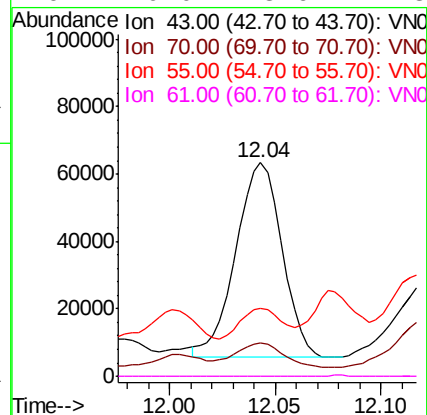
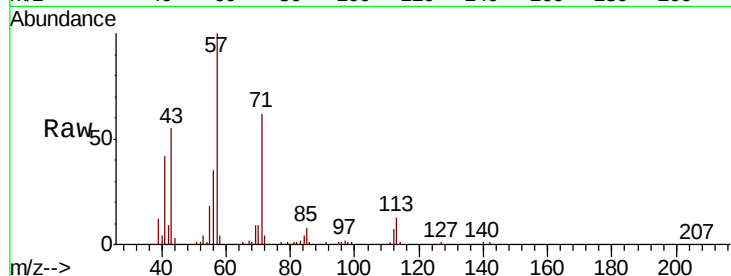
Ion Ratio Lower Upper

43 100

70 12.4 30.7 46.1#

55 13.9 19.3 28.9#

61 0.0 18.6 27.8#



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.46 min Scan# 3323

Delta R.T. -0.04 min

Lab File: VN055573.D

Acq: 13 May 2019 12:28

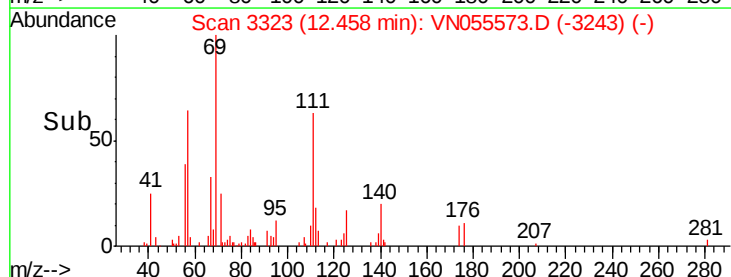
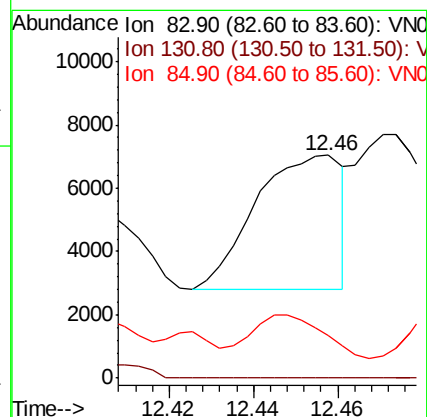
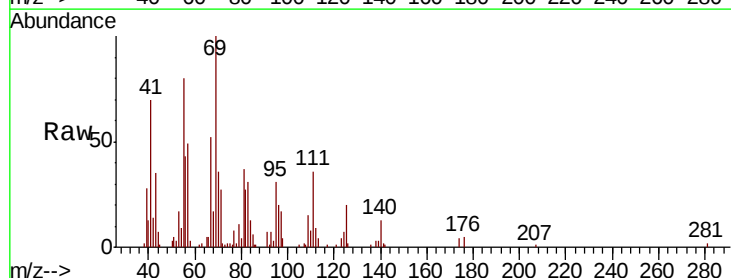
Tgt Ion: 83 Resp: 6033

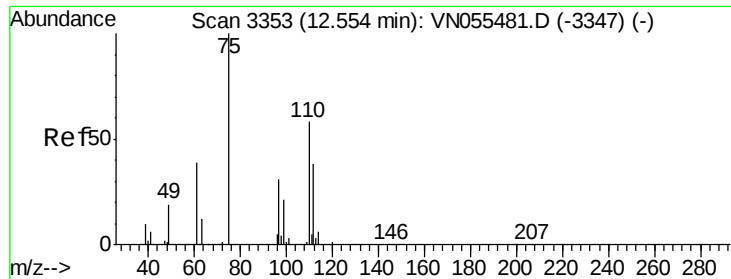
Ion Ratio Lower Upper

83 100

131 0.0 4.5 13.5#

85 26.9 32.0 96.0#





#76

1,2,3-Trichloropropane

Concen: 19.822 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055573.D

Acq: 13 May 2019 12:28

Instrument :

MSVOA_N

ClientSampleId :

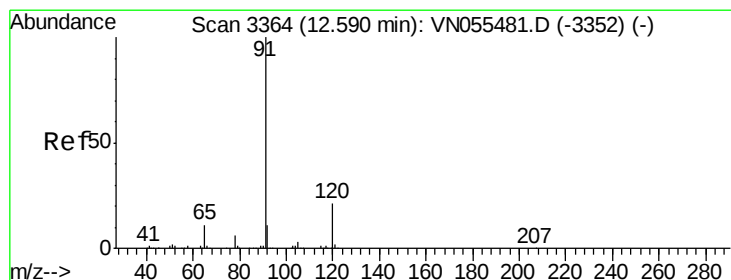
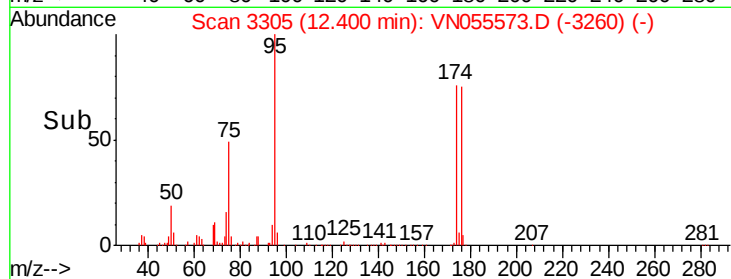
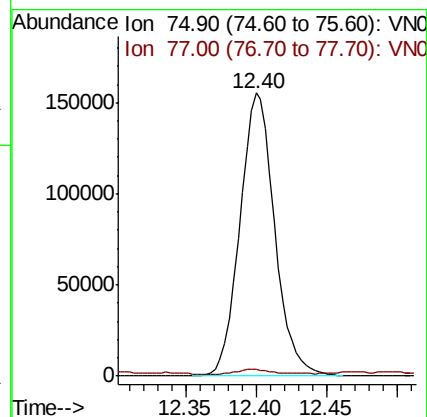
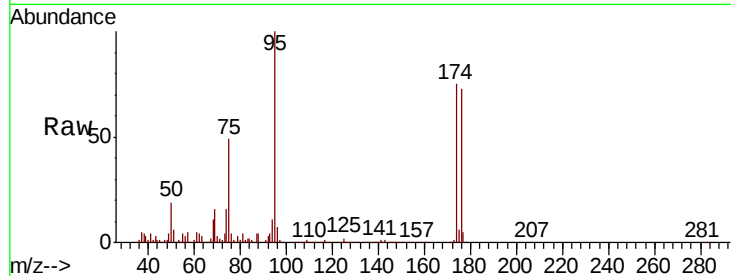
SB-2(24.5)

Tot Ion: 75 Resp: 268076

Ion Ratio Lower Upper

75 100

77 1.7 0.0 0.0#



#78

n-propylbenzene

Concen: 1.128 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN055573.D

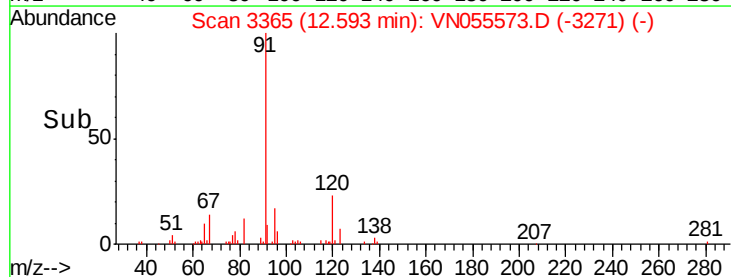
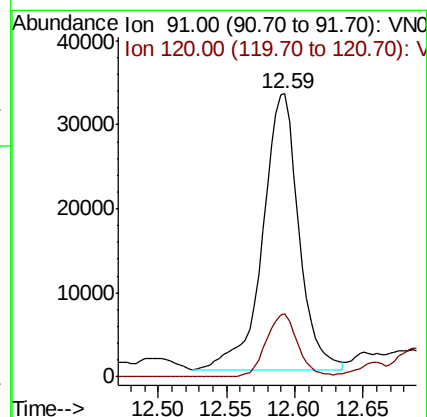
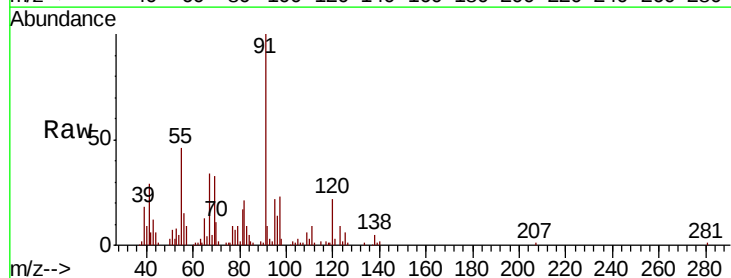
Acq: 13 May 2019 12:28

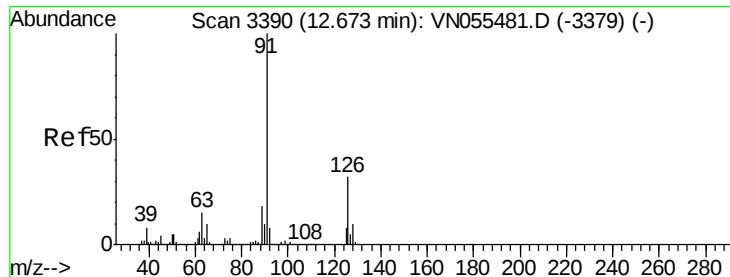
Tgt Ion: 91 Resp: 60091

Ion Ratio Lower Upper

91 100

120 20.1 10.8 32.3





#79

2-Chlorotoluene

Concen: 1.810 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.08 min

Lab File: VN055573.D

Acq: 13 May 2019 12:28

Instrument :

MSVOA_N

ClientSampleId :

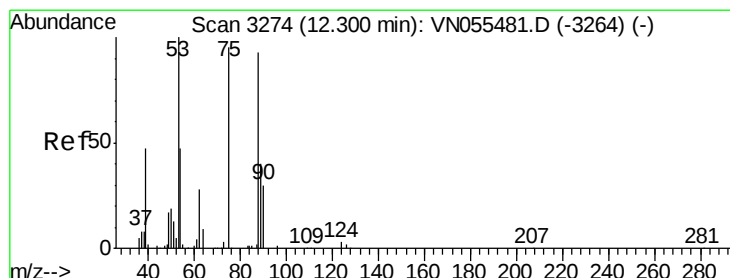
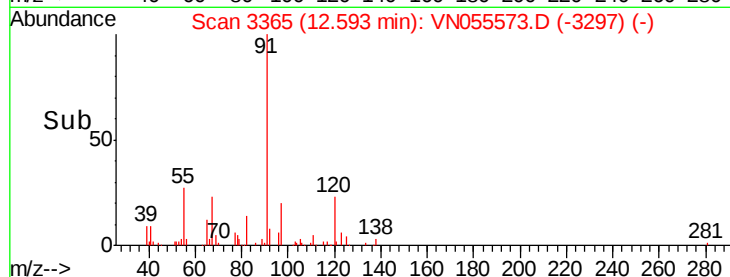
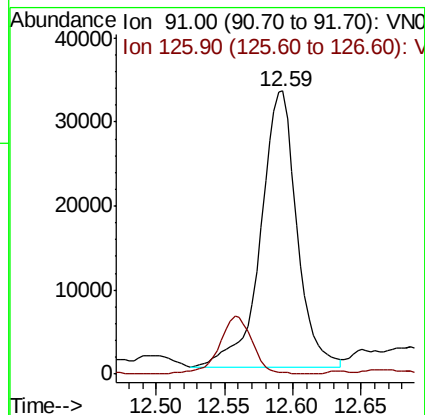
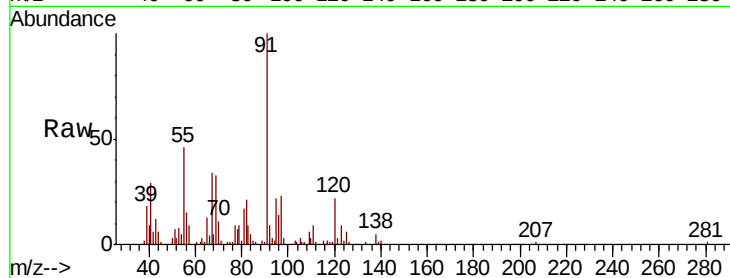
SB-2(24.5)

Tot Ion: 91 Resp: 60091

Ion Ratio Lower Upper

91 100

126 0.0 16.0 47.9#



#81

trans-1,4-Dichloro-2-butene

Concen: 73.139 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055573.D

Acq: 13 May 2019 12:28

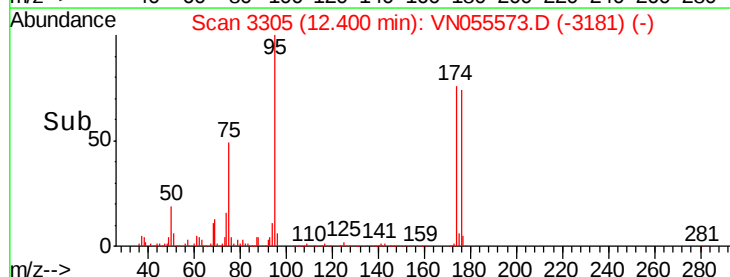
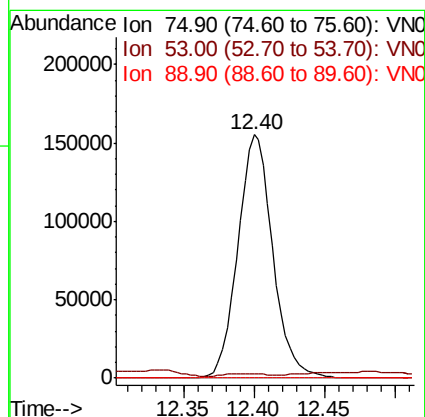
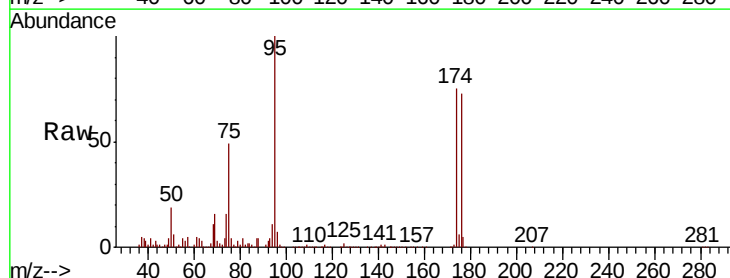
Tgt Ion: 75 Resp: 268076

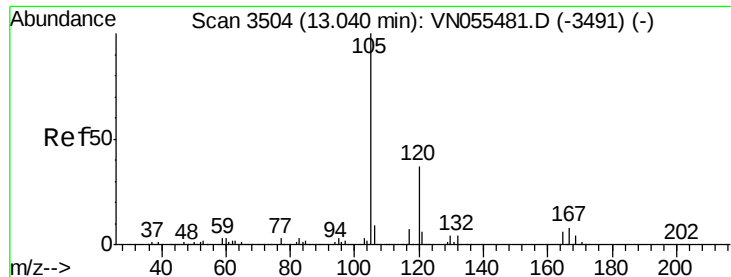
Ion Ratio Lower Upper

75 100

53 1.2 86.5 129.7#

89 0.1 35.7 53.5#

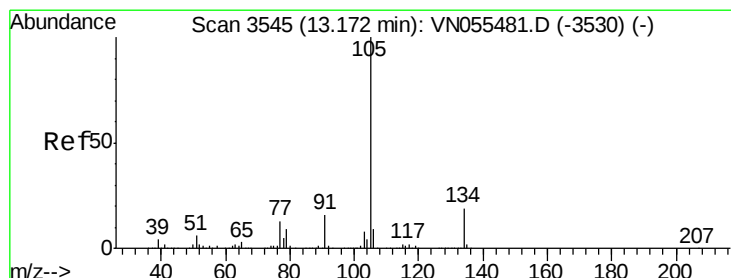
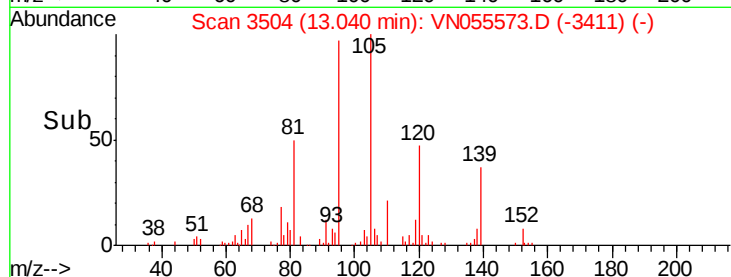
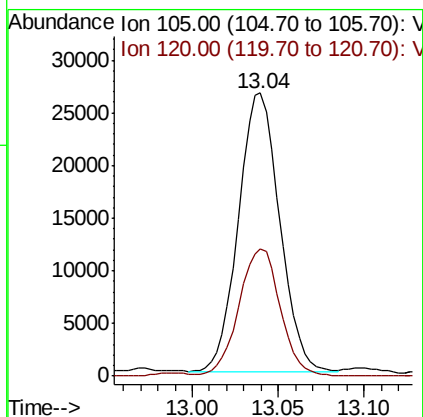
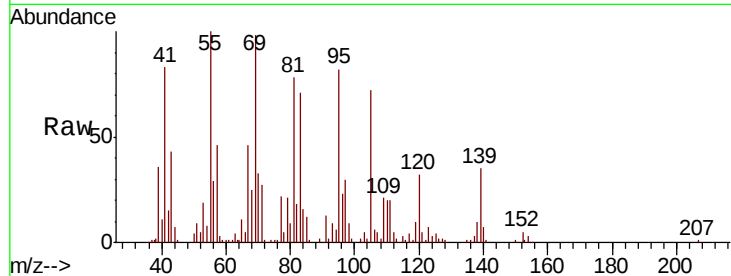




#84
 1,2,4-Trimethylbenzene
 Concen: 1.203 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN055573.D
 Acq: 13 May 2019 12:28

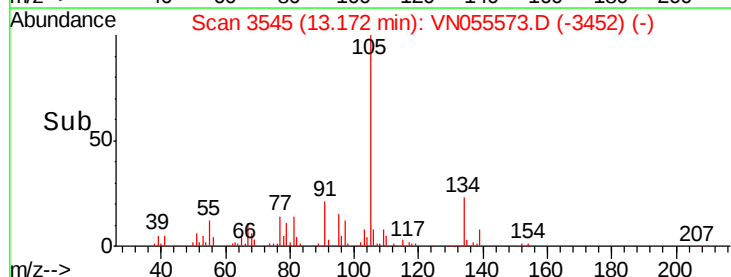
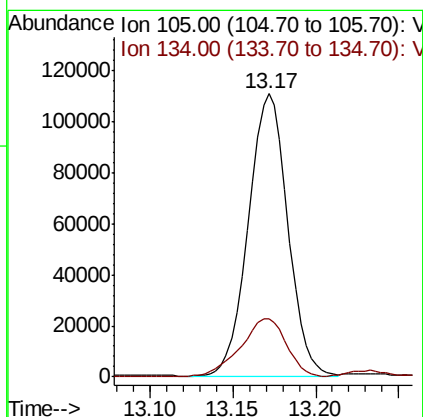
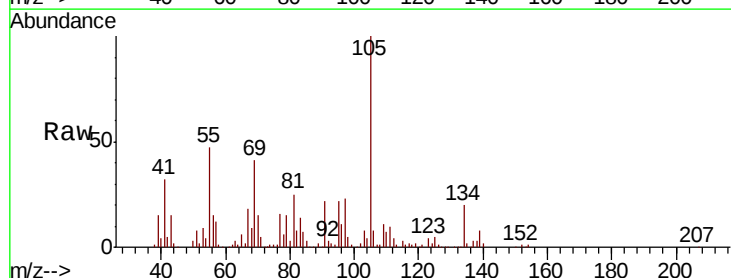
Instrument :
 MSVOA_N
 ClientSampleId :
 SB-2(24.5)

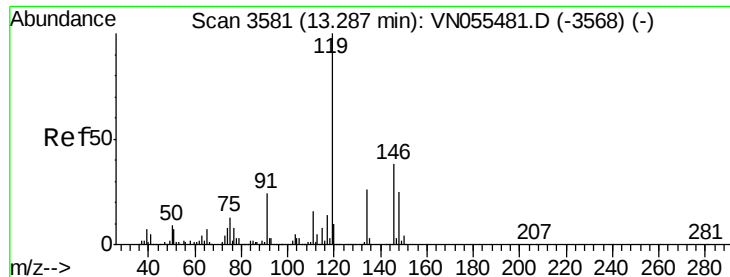
Tot Ion:105 Resp: 43848
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.1 66.5



#85
 sec-Butylbenzene
 Concen: 4.020 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN055573.D
 Acq: 13 May 2019 12:28

Tgt Ion:105 Resp: 181963
 Ion Ratio Lower Upper
 105 100
 134 24.4 9.3 28.0

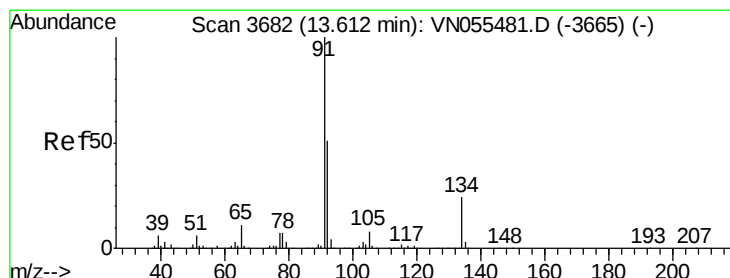
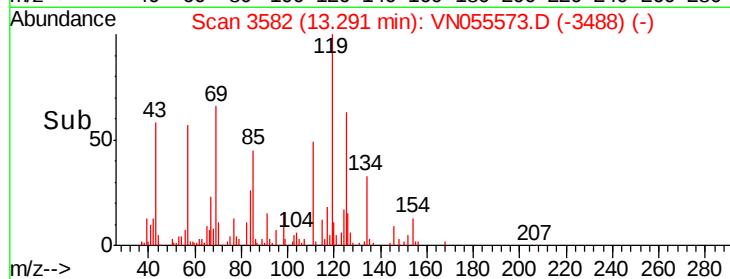
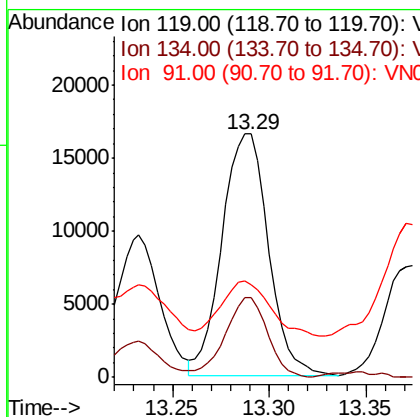
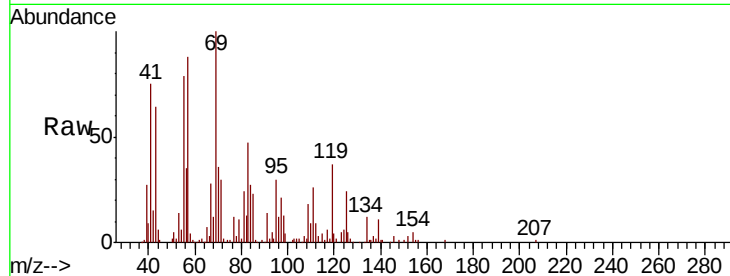




#86
 p-Isopropyltoluene
 Concen: 0.745 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN055573.D
 Acq: 13 May 2019 12:28

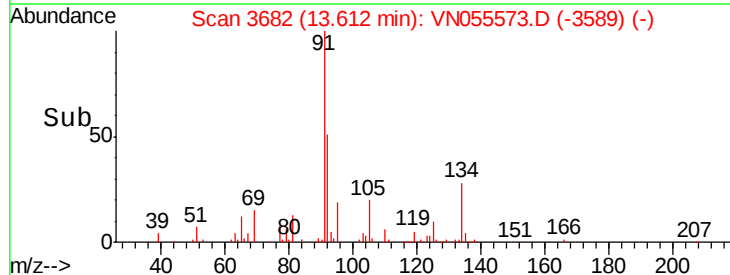
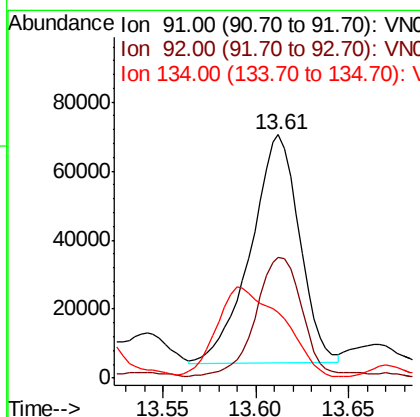
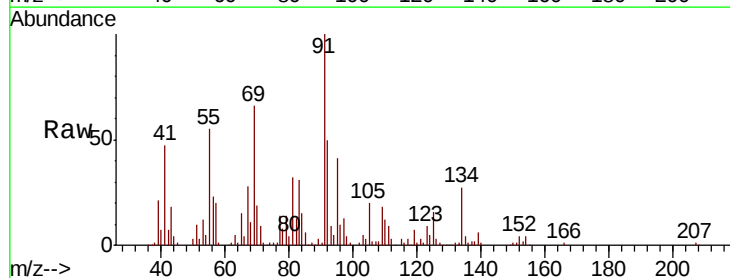
Instrument :
 MSVOA_N
 ClientSampled :
 SB-2(24.5)

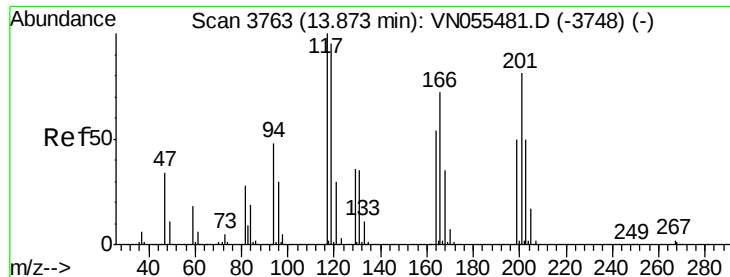
Tot Ion	119	Resp	27456
Ion Ratio	100	Lower	Upper
119	100		
134	30.4	12.8	38.4
91	23.8	12.0	36.0



#89
 n-Butylbenzene
 Concen: 4.226 ug/l
 RT: 13.61 min Scan# 3682
 Delta R.T. -0.00 min
 Lab File: VN055573.D
 Acq: 13 May 2019 12:28

Tgt Ion	91	Resp	120669
Ion Ratio	100	Lower	Upper
91	100		
92	49.5	25.9	77.7
134	0.0	11.8	35.4





#90

Hexachloroethane

Concen: 4.317 ug/l

RT: 13.89 min Scan# 3767

Delta R.T. 0.01 min

Lab File: VN055573.D

Acq: 13 May 2019 12:28

Instrument :

MSVOA_N

ClientSampleId :

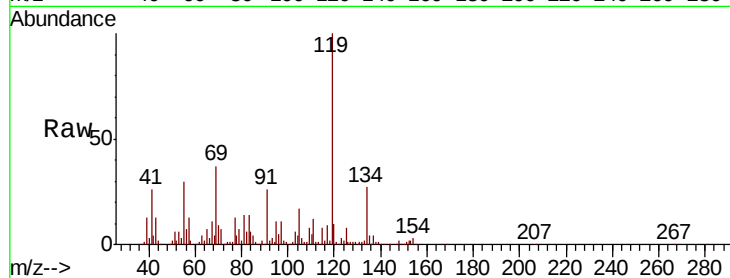
SB-2(24.5)

Tot Ion:117 Resp: 25937

Ion Ratio Lower Upper

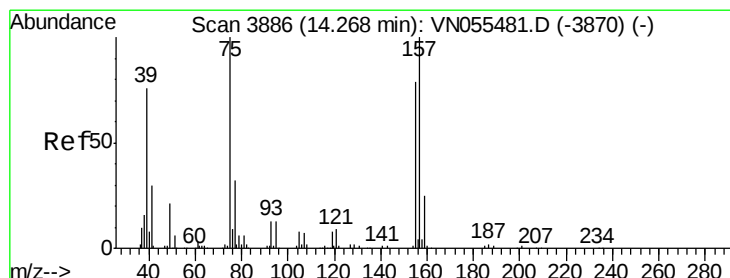
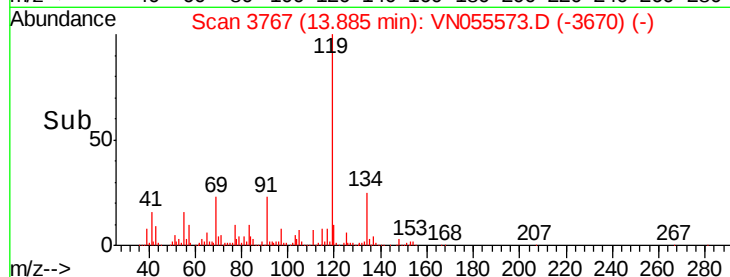
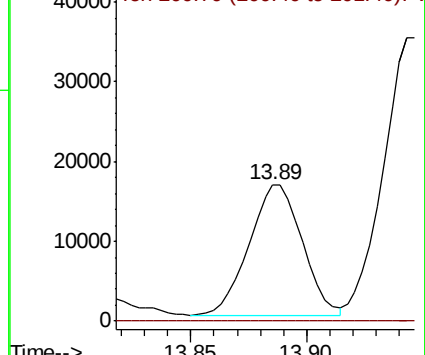
117 100

201 0.0 40.1 120.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.796 ug/l

RT: 14.29 min Scan# 3893

Delta R.T. 0.02 min

Lab File: VN055573.D

Acq: 13 May 2019 12:28

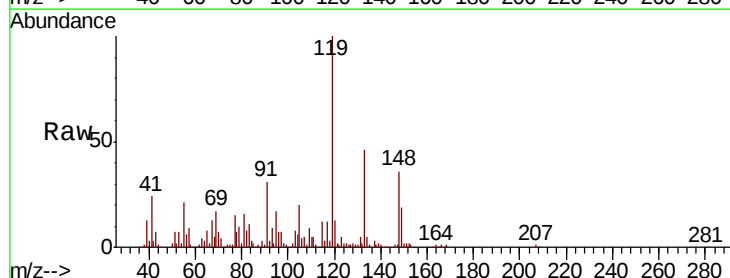
Tgt Ion: 75 Resp: 1819

Ion Ratio Lower Upper

75 100

155 0.0 39.3 117.8#

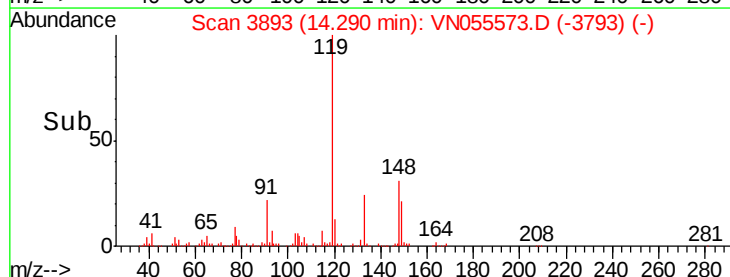
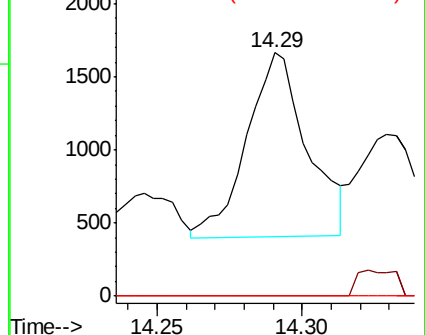
157 0.0 50.6 151.8#

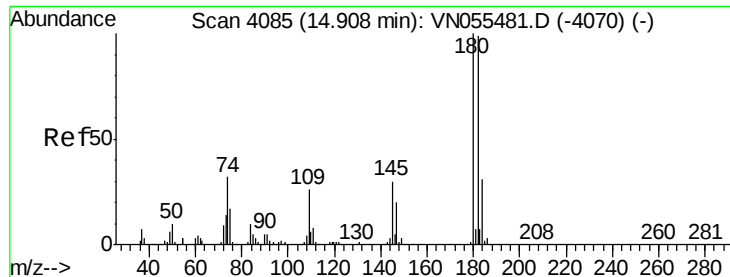


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

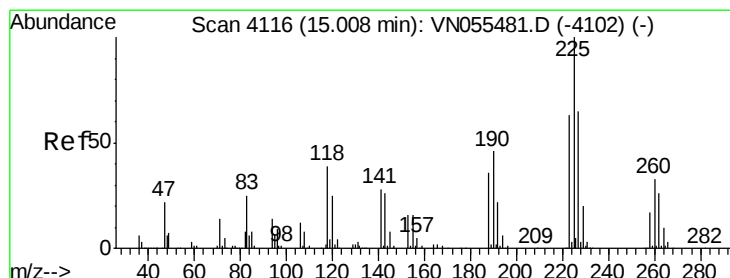
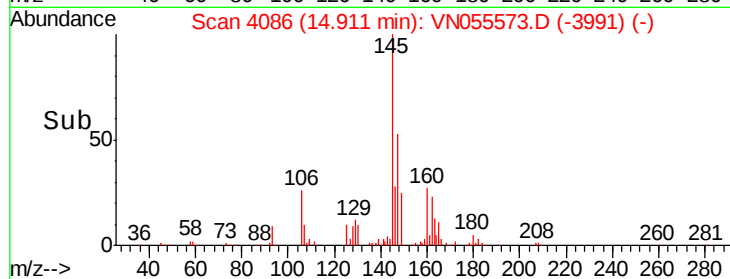
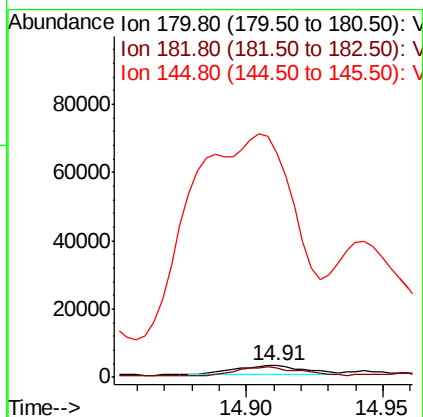
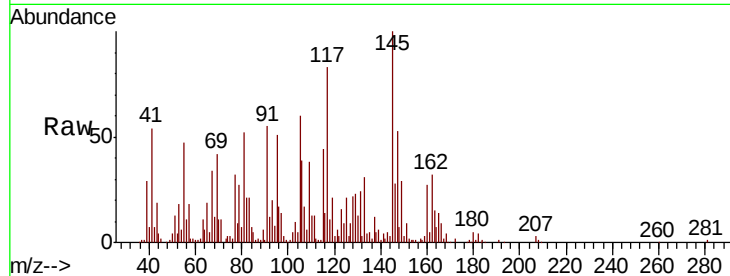




#93
 1,2,4-Trichlorobenzene
 Concen: 3.737 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN055573.D
 Acq: 13 May 2019 12:28

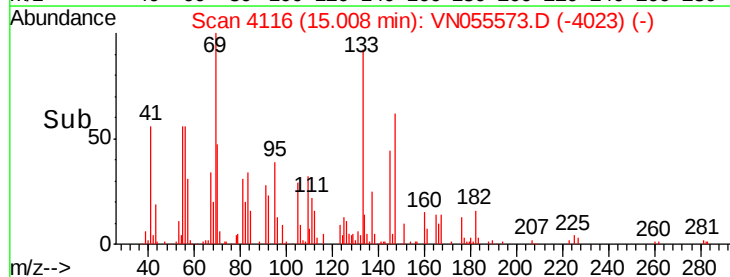
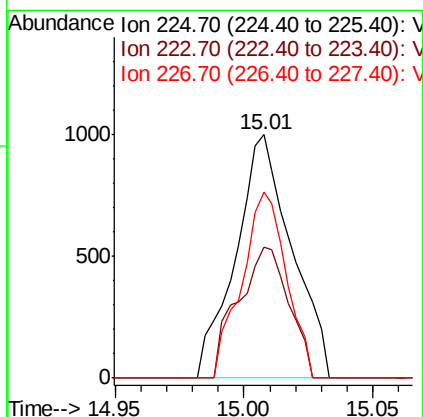
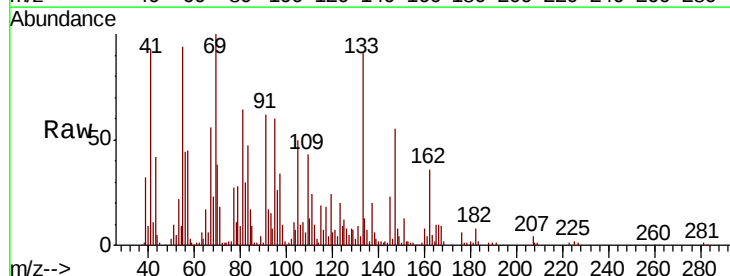
Instrument :
 MSVOA_N
 ClientSampleId :
 SB-2(24.5)

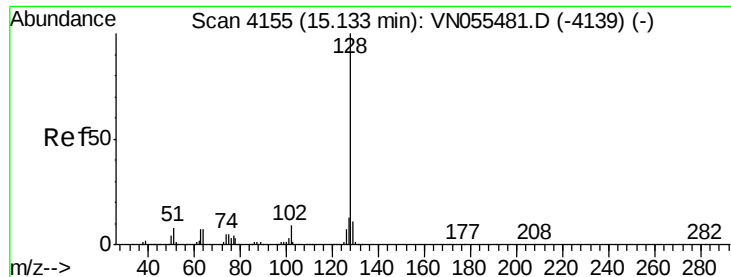
Tot Ion:180 Resp: 4184
 Ion Ratio Lower Upper
 180 100
 182 108.1 48.7 146.1
 145 4647.3 15.3 45.9#



#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055573.D
 Acq: 13 May 2019 12:28

Tgt Ion:225 Resp: 1509
 Ion Ratio Lower Upper
 225 100
 223 49.0 31.4 94.3
 227 61.0 32.0 96.0

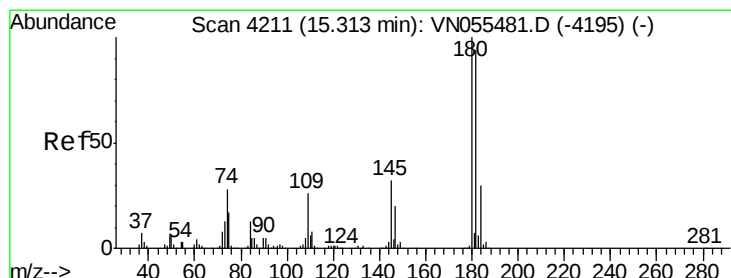
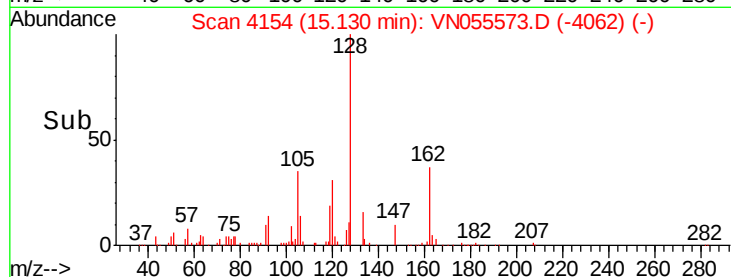
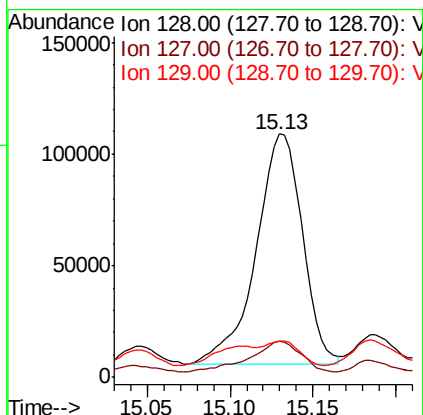
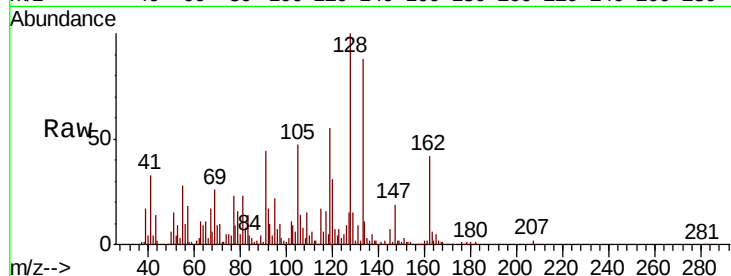




#95
Naphthalene
Concen: 12.083 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN055573.D
Acq: 13 May 2019 12:28

Instrument :
MSVOA_N
ClientSampled :
SB-2(24.5)

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.4	10.0	15.0
129	0.0	8.8	13.2#



#96
1,2,3-Trichlorobenzene
Concen: 3.113 ug/l
RT: 15.32 min Scan# 4213
Delta R.T. 0.01 min
Lab File: VN055573.D
Acq: 13 May 2019 12:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	114.9	47.1	141.3
145	0.0	15.8	47.4#

